

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118447.D
 Acq On : 2 Jan 2020 20:43
 Operator : JU
 Sample : K6465-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MSD

Manual Integrations
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mohammad
 1/3/2020 11:04:36 AM

Quant Time: Jan 03 03:43:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124944	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	499365	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	263302	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	448245	20.00	ng	0.00
76) Chrysene-d12	14.04	240	259942	20.00	ng	0.00
87) Perylene-d12	15.53	264	280381	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	656880	89.74	ng	0.01
7) Phenol-d6	6.49	99	953948	105.06	ng	0.00
23) Nitrobenzene-d5	7.42	82	563639	64.56	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	288671	88.78	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1081464	62.70	ng	0.00
79) Terphenyl-d14	12.97	244	920751	58.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	83752	28.783	ng	97
3) Pyridine	3.40	79	210431	27.144	ng	97
4) n-Nitrosodimethylamine	3.36	42	117793	36.750	ng	# 85
6) Aniline	6.51	93	376364	32.642	ng	# 63
8) 2-Chlorophenol	6.64	128	402665	48.573	ng	99
9) Benzaldehyde	6.40	77	214115	40.220	ng	98
10) Phenol	6.50	94	480448	47.077	ng	87
11) bis(2-Chloroethyl)ether	6.58	93	338345	46.356	ng	99
12) 1,3-Dichlorobenzene	6.79	146	421310	44.128	ng	98
13) 1,4-Dichlorobenzene	6.86	146	432422	44.591	ng	98
14) 1,2-Dichlorobenzene	7.02	146	411807	44.979	ng	98
15) Benzyl Alcohol	7.00	79	319443	46.205	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	340591	43.731	ng	71
17) 2-Methylphenol	7.11	107	315330	47.425	ng	96
18) Hexachloroethane	7.36	117	148315	41.672	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	249627	44.627	ng	96
20) 3+4-Methylphenols	7.27	107	404262	47.506	ng	# 76
22) Acetophenone	7.26	105	530576	43.352	ng	97
24) Nitrobenzene	7.43	77	385077	44.029	ng	98
25) Isophorone	7.67	82	693183	45.556	ng	99
26) 2-Nitrophenol	7.75	139	218681	47.206	ng	99
27) 2,4-Dimethylphenol	7.79	122	338970	53.630	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	429340	43.144	ng	99
29) 2,4-Dichlorophenol	8.00	162	334944	46.041	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	362689	42.798	ng	99
31) Naphthalene	8.16	128	1172523	46.197	ng	100
32) Benzoic acid	7.95	122	188355	36.793	ng	95
33) 4-Chloroaniline	8.21	127	174294	16.019	ng	95
34) Hexachlorobutadiene	8.27	225	208993	41.430	ng	99
35) Caprolactam	8.59	113	110292m	48.560	ng	
36) 4-Chloro-3-methylphenol	8.71	107	355042	45.456	ng	98
37) 2-Methylnaphthalene	8.85	142	802696	46.192	ng	100
38) 1-Methylnaphthalene	8.95	142	752694	45.975	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	349945	44.235	ng	100

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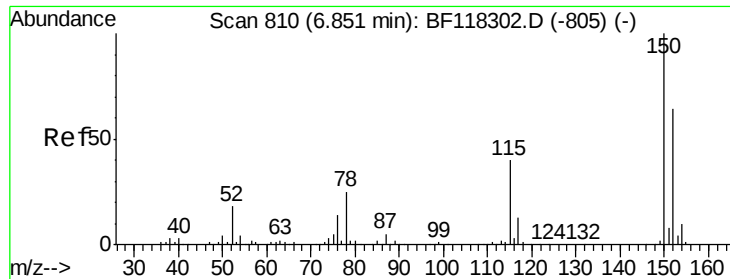
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	78279	29.882	nq	97
43) 2,4,6-Trichlorophenol	9.14	196	236854	44.815	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	244364	44.946	nq	99
46) 1,1'-Biphenyl	9.32	154	947188	45.482	nq	98
47) 2-Chloronaphthalene	9.35	162	733629	43.769	nq	98
48) 2-Nitroaniline	9.45	65	199365	42.111	nq	98
49) Acenaphthylene	9.76	152	1134744	45.648	nq	99
50) Dimethylphthalate	9.62	163	947632	47.946	nq	99
51) 2,6-Dinitrotoluene	9.69	165	193283	45.360	nq	97
52) Acenaphthene	9.93	154	679184	44.855	nq	98
53) 3-Nitroaniline	9.86	138	126560	25.306	nq	98
54) 2,4-Dinitrophenol	9.98	184	48731	26.396	nq	95
55) Dibenzofuran	10.10	168	1027368	45.920	nq	96
56) 4-Nitrophenol	10.04	139	245180	79.412	nq	94
57) 2,4-Dinitrotoluene	10.10	165	246217	43.244	nq	# 82
58) Fluorene	10.45	166	793729	43.947	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	189131	40.941	nq	99
60) Diethylphthalate	10.32	149	880163	45.014	nq	100
61) 4-Chlorophenyl-phenylether	10.44	204	395756	43.895	nq	98
62) 4-Nitroaniline	10.48	138	176109	33.896	nq	98
63) Azobenzene	10.60	77	737241	44.019	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	50039	20.693	nq	96
66) n-Nitrosodiphenylamine	10.56	169	706053	49.147	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	242629	46.252	nq	95
68) Hexachlorobenzene	11.00	284	269908	43.712	nq	97
69) Atrazine	11.09	200	231612	52.237	nq	99
70) Pentachlorophenol	11.20	266	187682	70.184	nq	99
71) Phenanthrene	11.42	178	1165645	47.702	nq	100
72) Anthracene	11.47	178	1133512	46.343	nq	99
73) Carbazole	11.63	167	938563	43.245	nq	99
74) Di-n-butylphthalate	11.94	149	1309694	47.592	nq	100
75) Fluoranthene	12.61	202	1096649	44.468	nq	97
77) Benzidine	12.73	184	473440	66.470	nq	98
78) Pyrene	12.84	202	1046605	49.305	nq	100
80) Butylbenzylphthalate	13.45	149	443039	46.354	nq	97
81) Benzo(a)anthracene	14.03	228	870478	47.841	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	294361	47.715	nq	99
83) Chrysene	14.07	228	815827	46.827	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	635987	50.605	nq	100
85) Di-n-octyl phthalate	14.62	149	1002446	54.225	nq	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	717879	48.359	nq	99
88) Benzo(b)fluoranthene	15.09	252	874501	46.987	nq	98
89) Benzo(k)fluoranthene	15.13	252	778103	43.541	nq	98
90) Benzo(a)pyrene	15.47	252	747007	45.562	nq	98
91) Dibenzo(a,h)anthracene	17.05	278	603829	42.440	nq	98
92) Benzo(g,h,i)perylene	17.50	276	559993	40.745	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

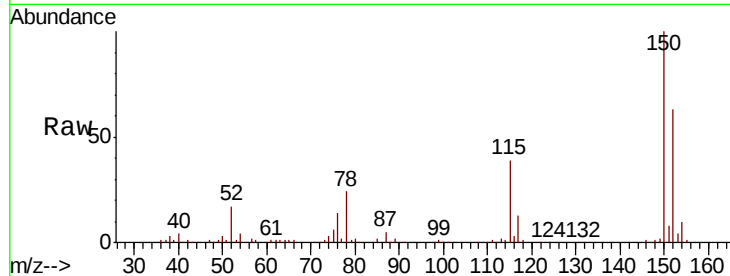
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
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GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.4	188.2
115	61.5	50.2	75.4

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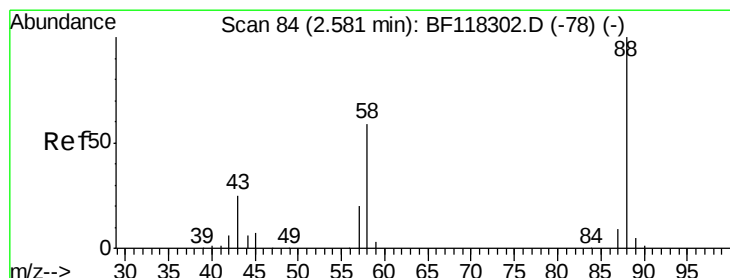
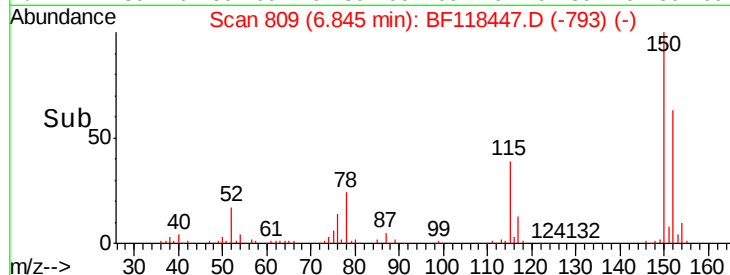
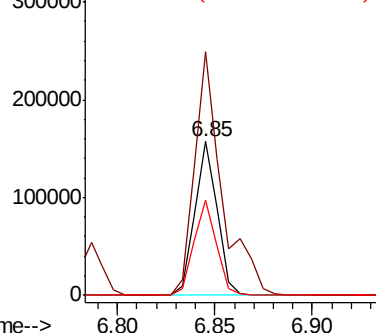


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

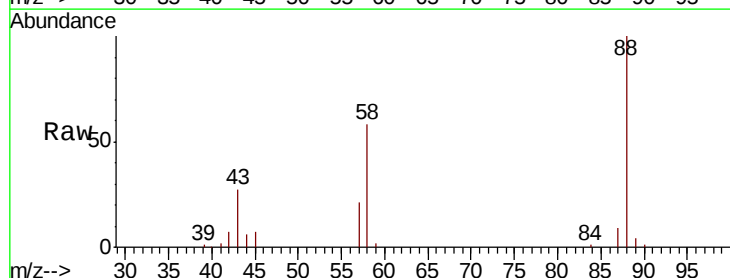
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.783 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.0	47.6	71.4
43	29.4	20.6	30.8

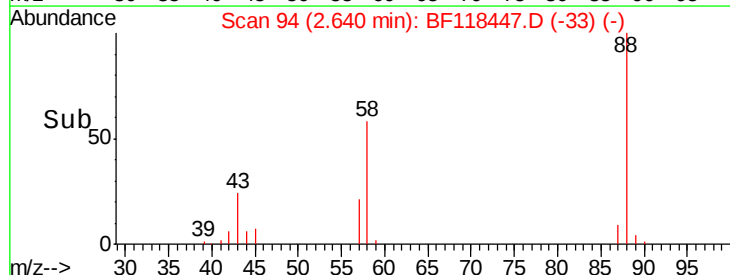
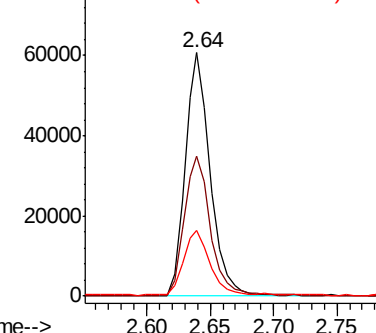


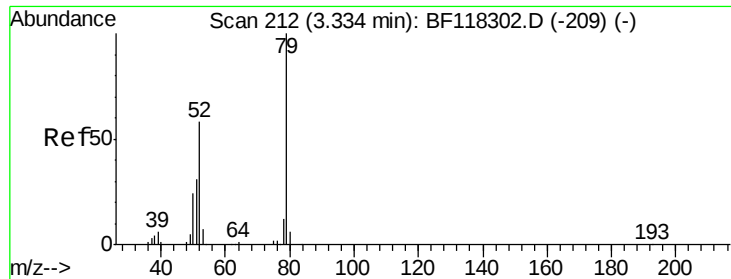
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.144 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

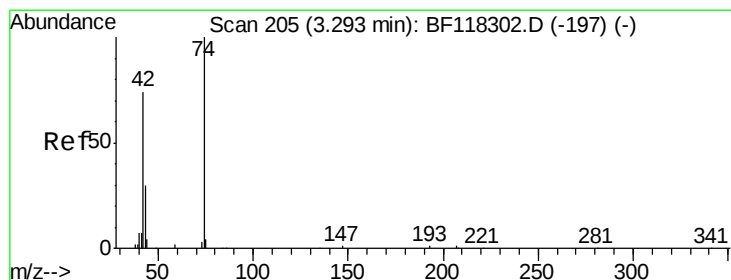
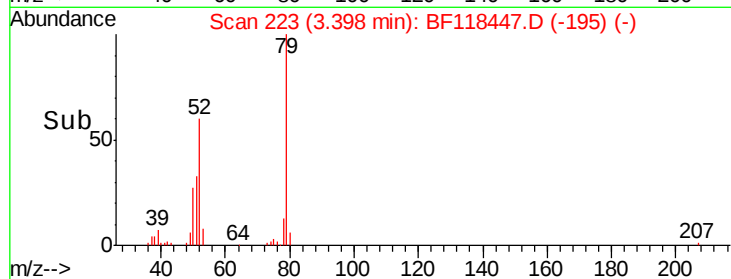
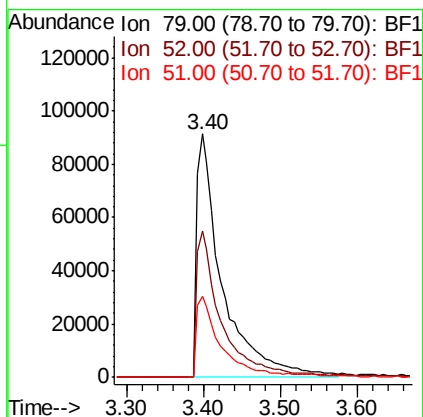
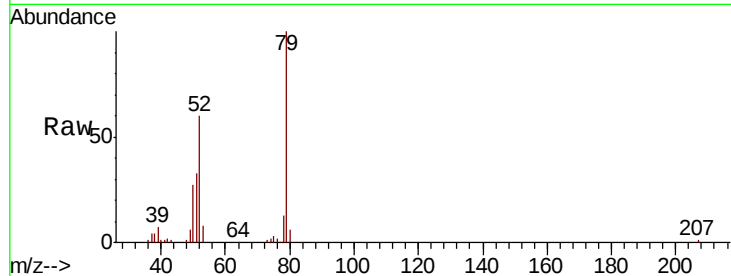
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	79	Resp:	210431
Ion Ratio	Lower	Upper	
79	100		
52	60.3	46.4	69.6
51	33.4	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 36.750 ng

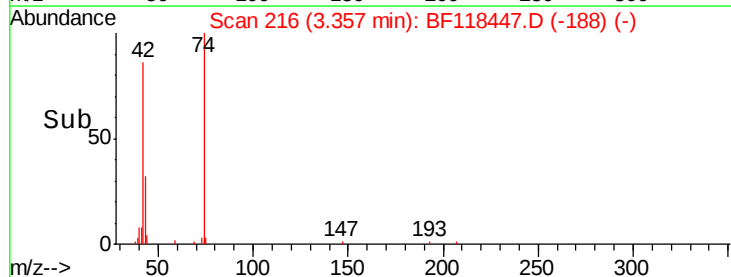
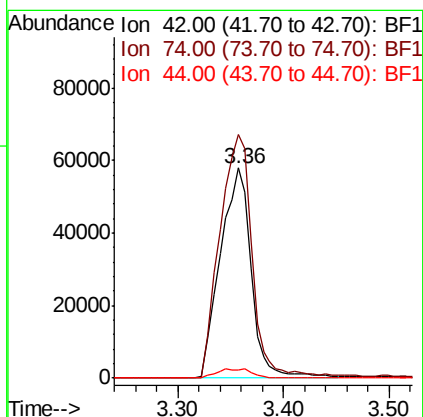
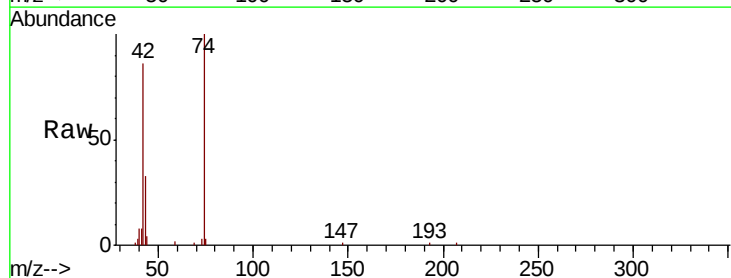
RT: 3.36 min Scan# 216

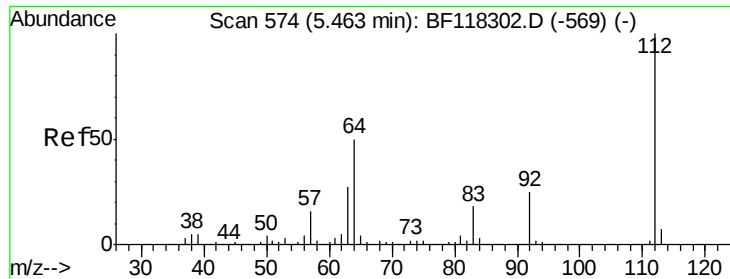
Delta R.T. 0.06 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Tgt Ion:	42	Resp:	117793
Ion Ratio	Lower	Upper	
42	100		
74	115.8	107.7	161.5
44	4.1	4.8	7.2#





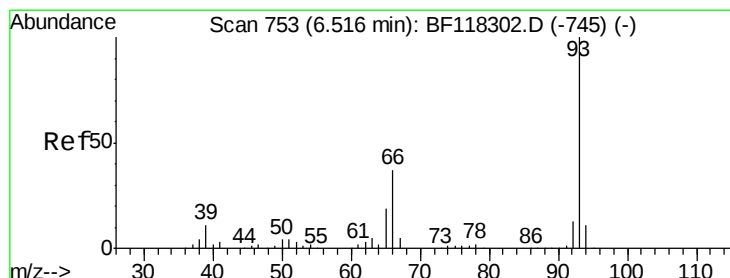
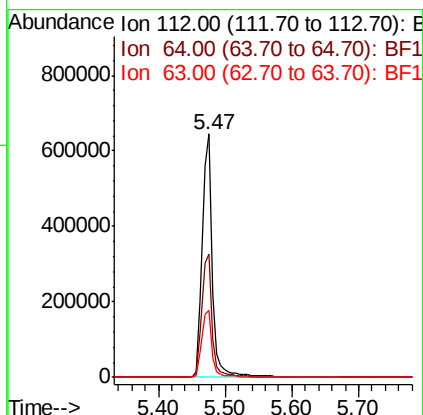
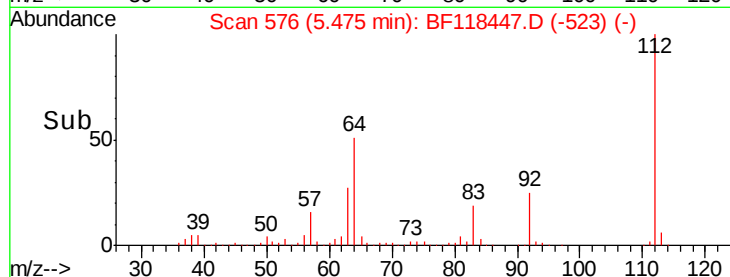
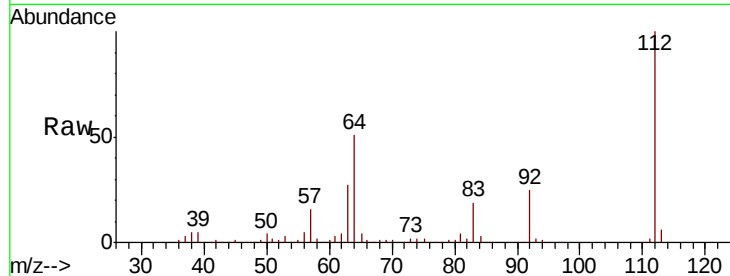
#5
2-Fluorophenol
Concen: 89.743 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	656880		
64	50.9	39.7	59.5	
63	27.5	21.7	32.5	

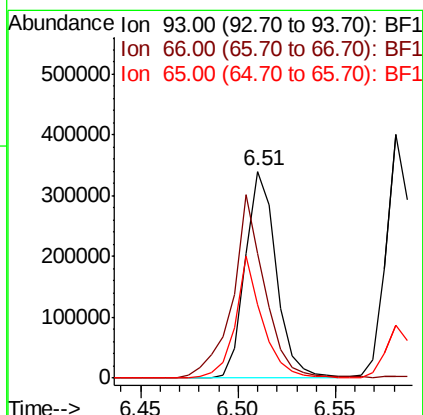
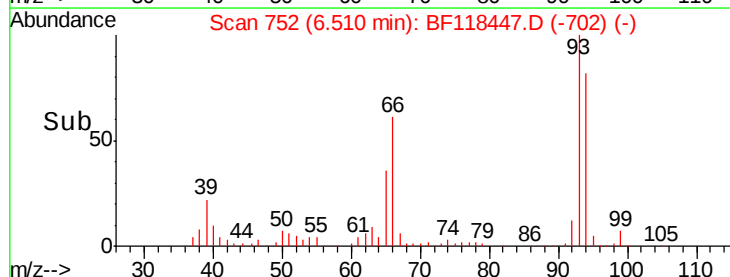
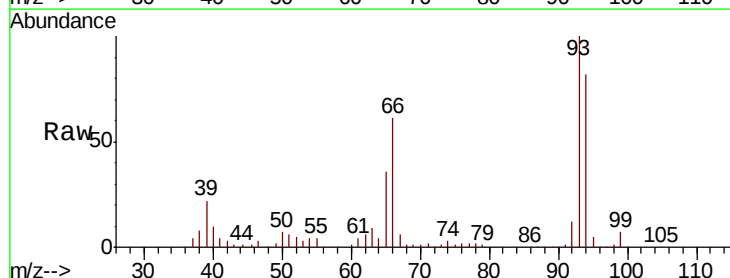
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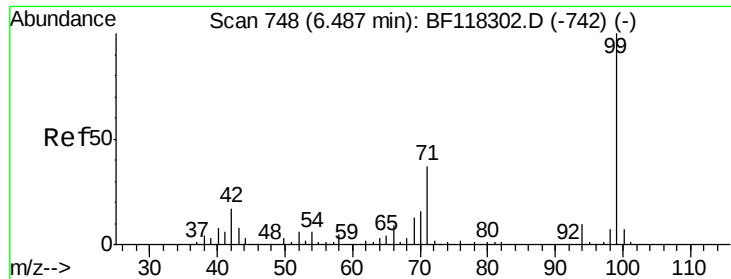
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#6
Aniline
Concen: 32.642 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	376364		
66	60.6	30.2	45.4#	
65	35.7	15.7	23.5#	





#7

Phenol-d6

Concen: 105.059 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

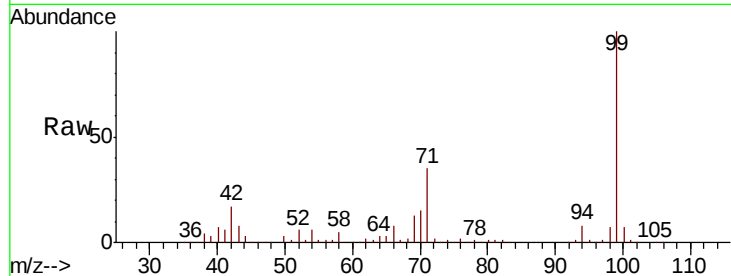
ClientSampleId :

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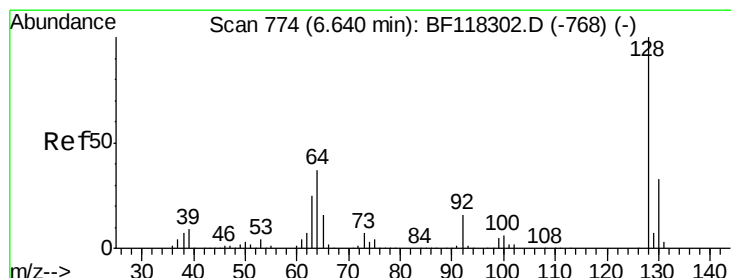
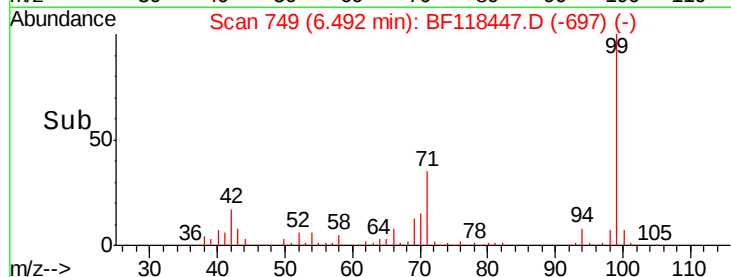
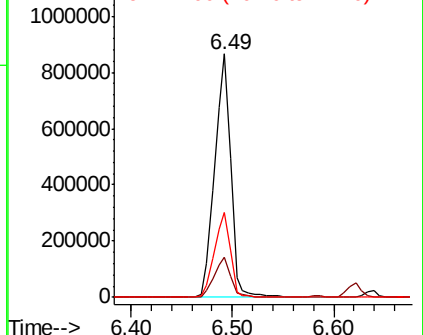
Tot Ion:	99	Resp:	953948
Ion Ratio	Lower	Upper	
99	100		
42	16.6	13.5	20.3
71	35.0	29.4	44.2

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.573 ng

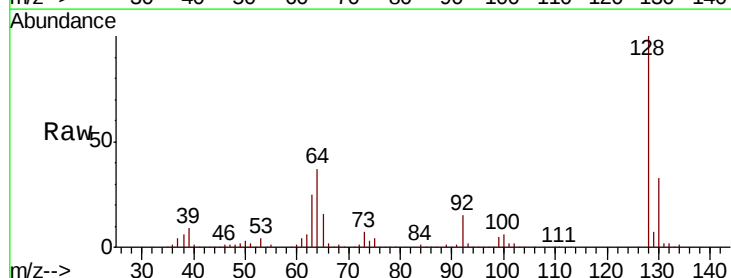
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

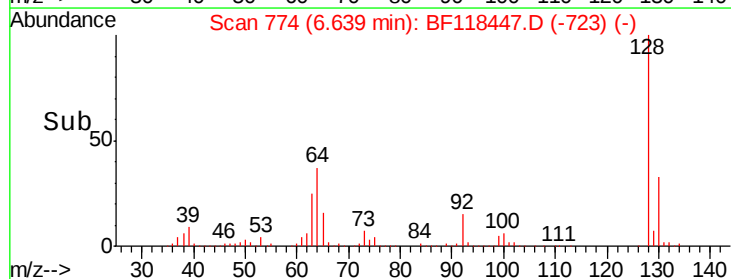
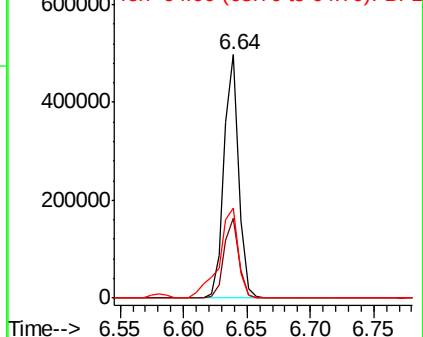
Lab File: BF118447.D

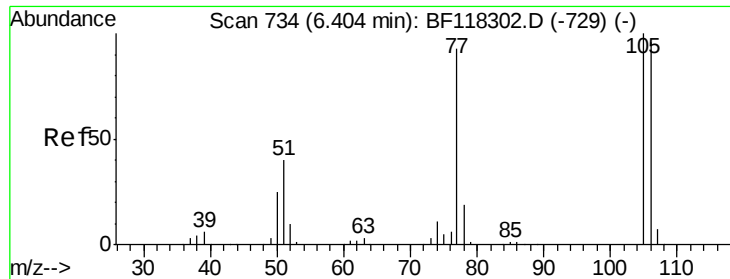
Acq: 2 Jan 2020 20:43

Tgt Ion:	128	Resp:	402665
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.2	53.2
64	36.9	17.7	57.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.220 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

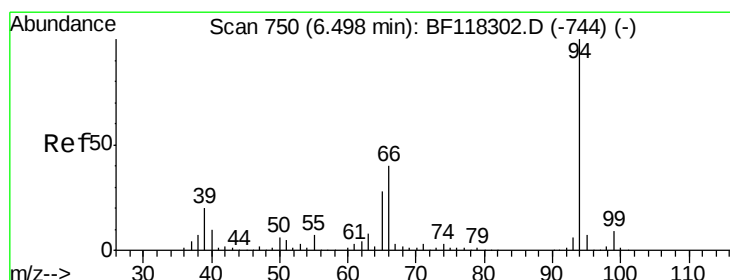
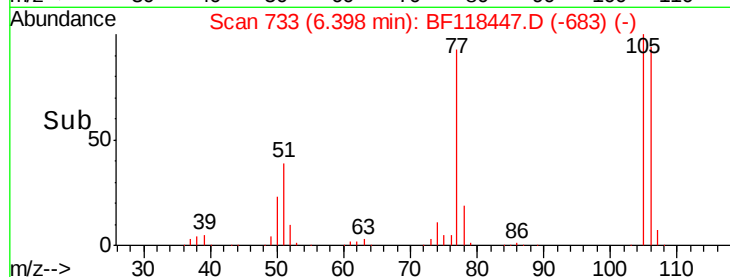
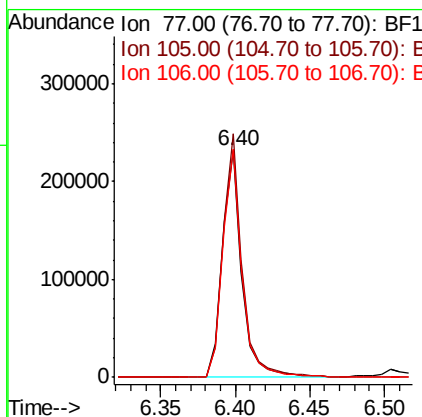
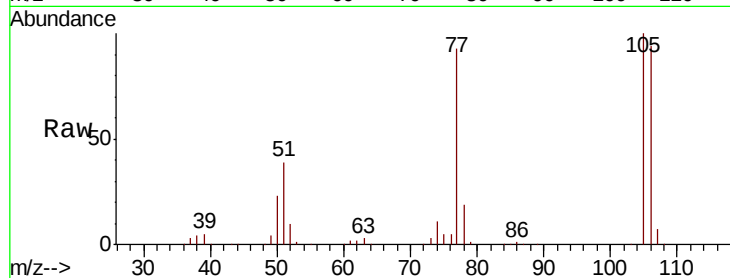
ClientSampleId :

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Tot Ion:	77	Resp:	214115
Ion	Ratio	Lower	Upper
77	100		
105	107.3	87.5	127.5
106	100.4	83.6	123.6

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#10

Phenol

Concen: 47.077 ng

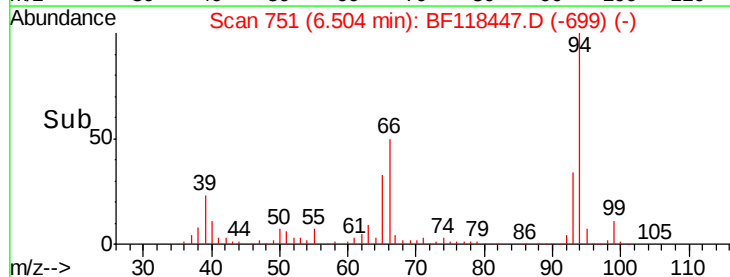
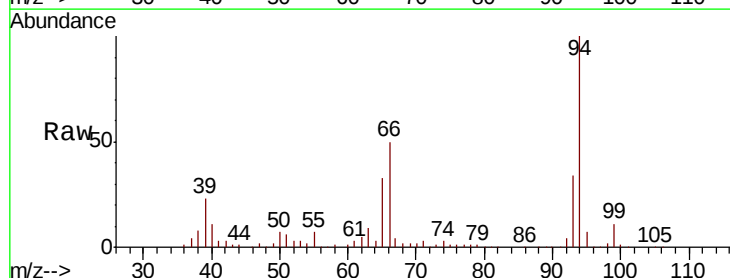
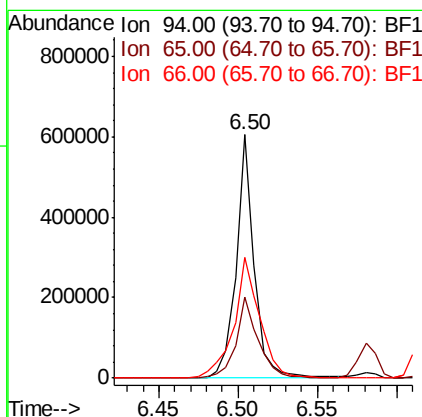
RT: 6.50 min Scan# 751

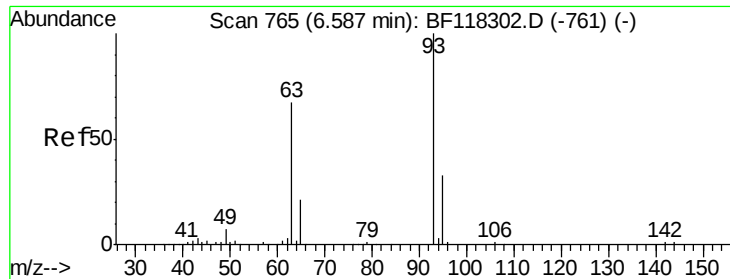
Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Tgt Ion:	94	Resp:	480448
Ion	Ratio	Lower	Upper
94	100		
65	33.0	7.8	47.8
66	49.8	20.4	60.4





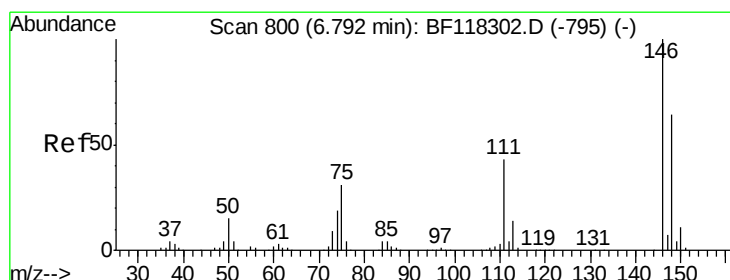
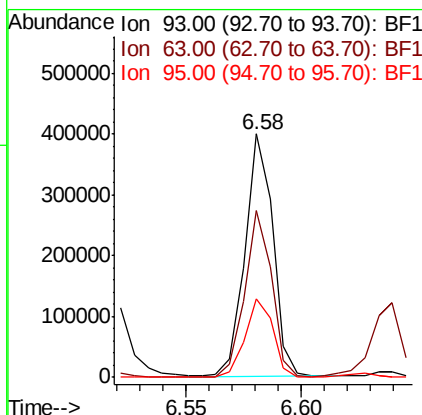
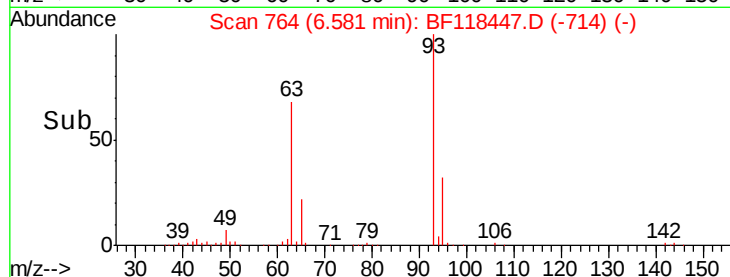
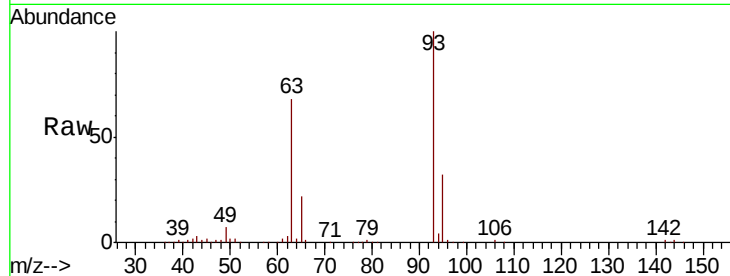
#11
bis(2-Chloroethyl)ether
Concen: 46.356 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion:	93	Resp:	338345
Ion	Ratio	Lower	Upper
93	100		
63	68.3	47.0	87.0
95	32.4	12.8	52.8

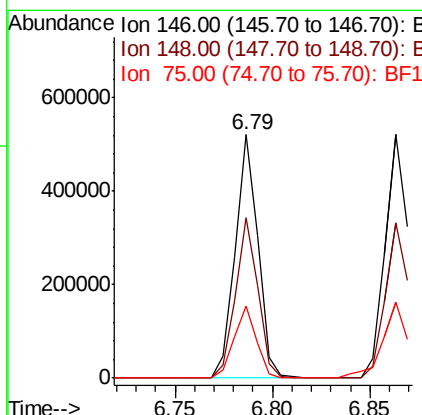
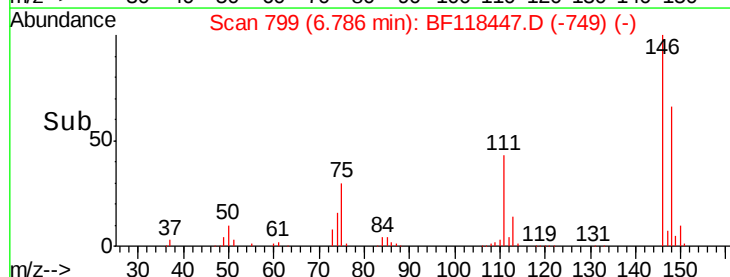
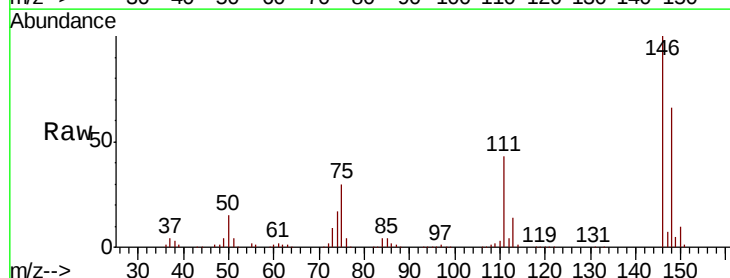
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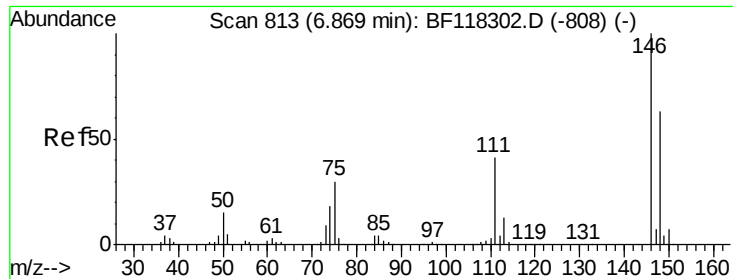
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.128 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion:	146	Resp:	421310
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.0
75	29.8	24.4	36.6





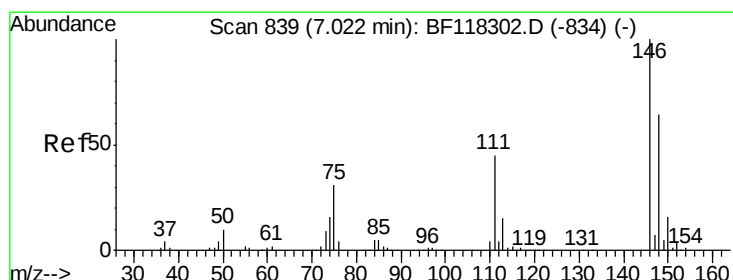
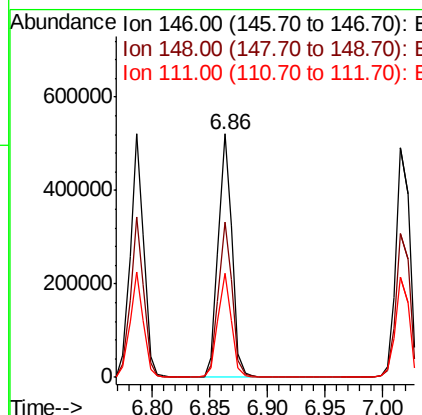
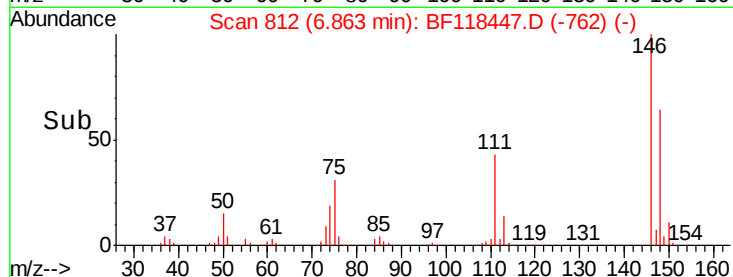
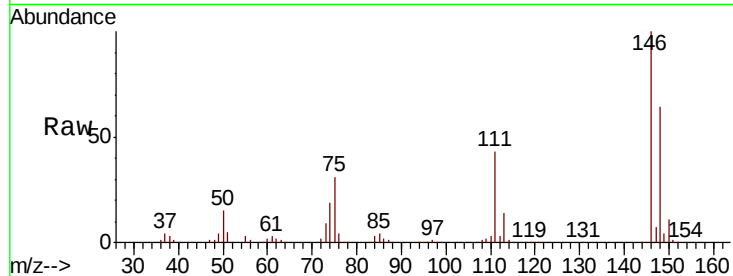
#13
1,4-Dichlorobenzene
Concen: 44.591 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	42.7	32.8	49.2

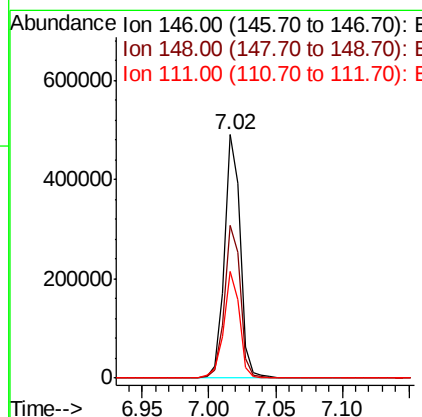
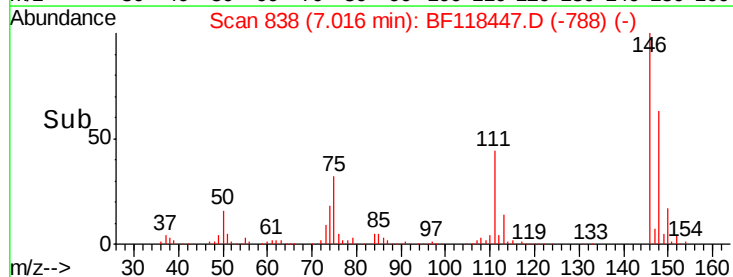
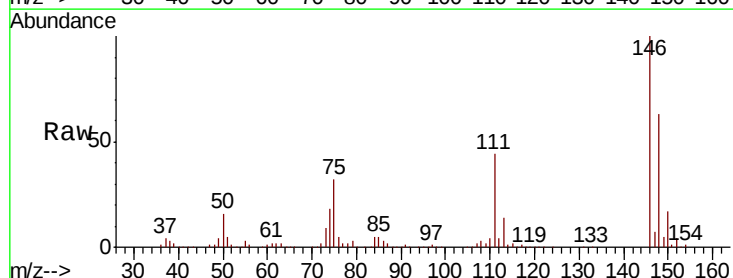
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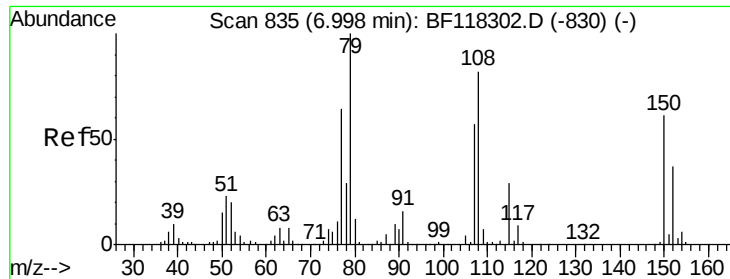
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.979 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.3	76.9
111	43.9	35.7	53.5





#15

Benzyl Alcohol

Concen: 46.205 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

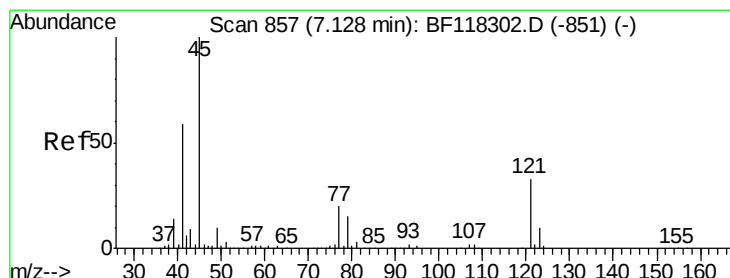
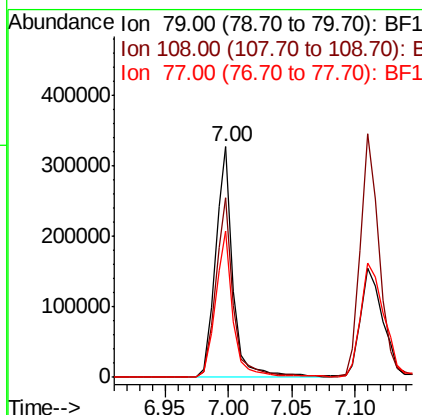
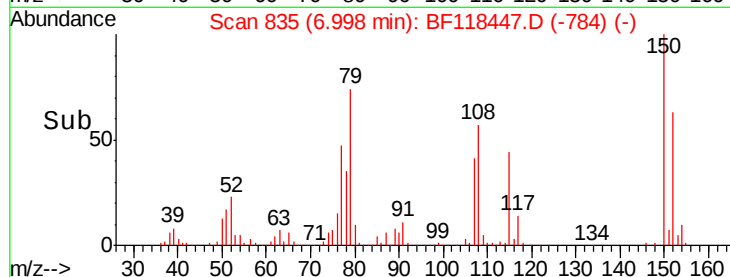
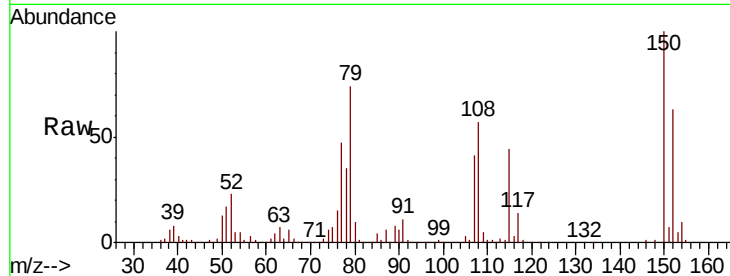
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	79	Resp:	319443
Ion Ratio	Lower	Upper	
79	100		
108	78.0	65.4	98.0
77	63.3	51.4	77.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.731 ng

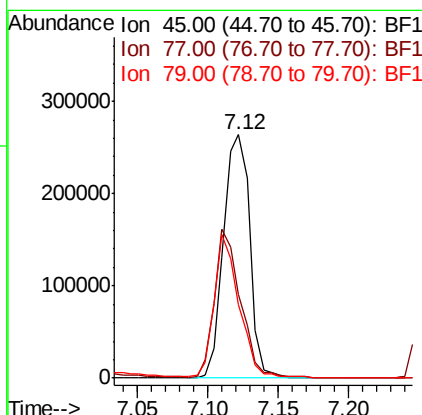
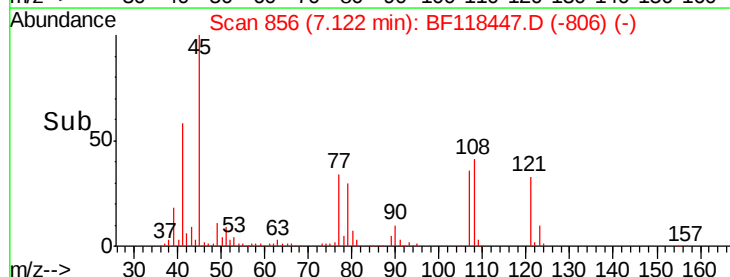
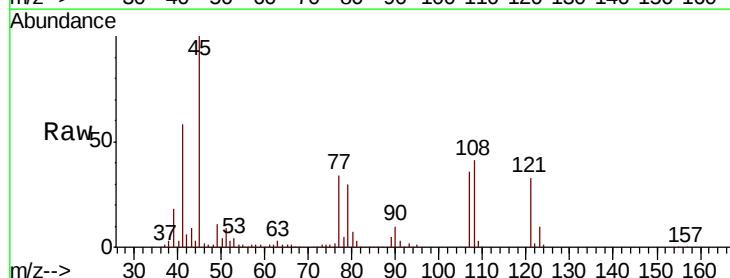
RT: 7.12 min Scan# 856

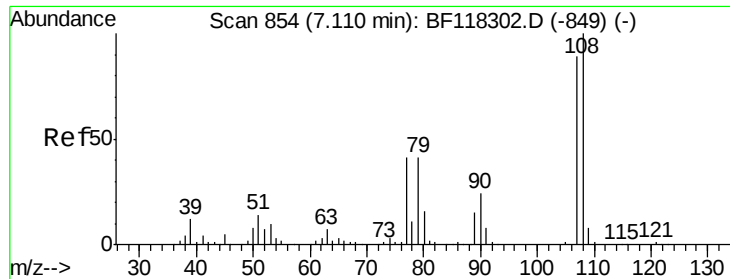
Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Tgt Ion:	45	Resp:	340591
Ion Ratio	Lower	Upper	
45	100		
77	34.3	1.2	41.2
79	29.9	0.0	37.0





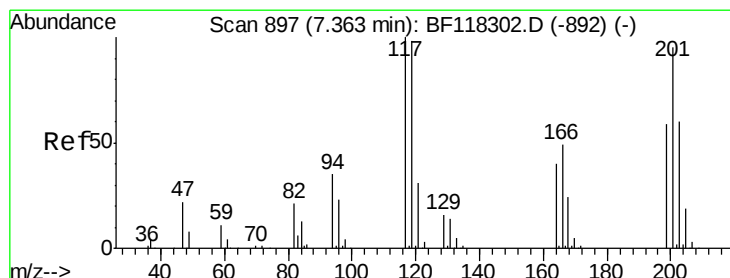
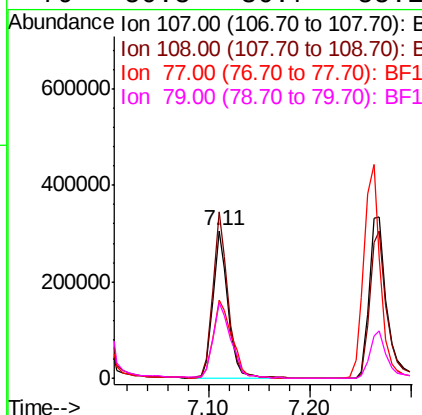
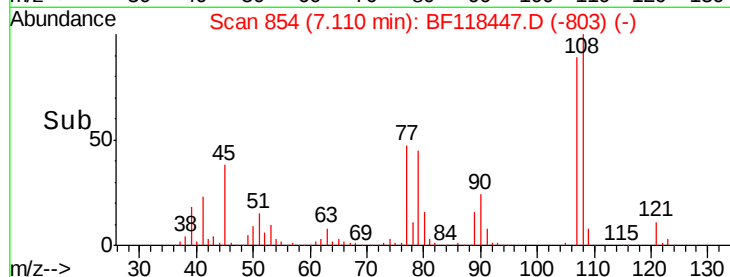
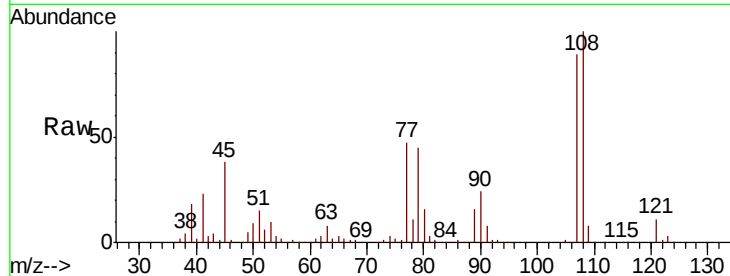
#17
2-Methylphenol
Concen: 47.425 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	89.7	134.5	
77	52.8	37.2	55.8	
79	50.8	36.7	55.1	

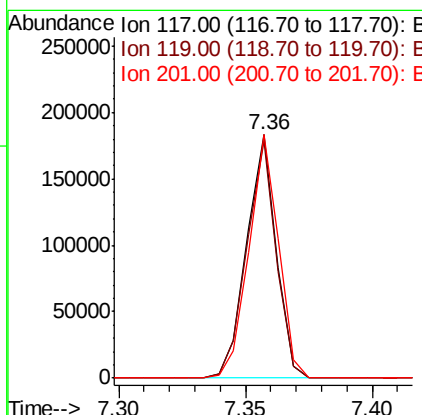
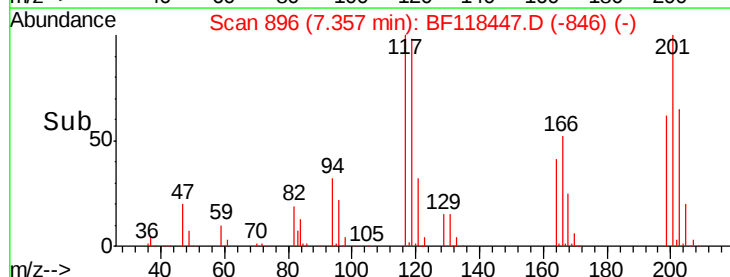
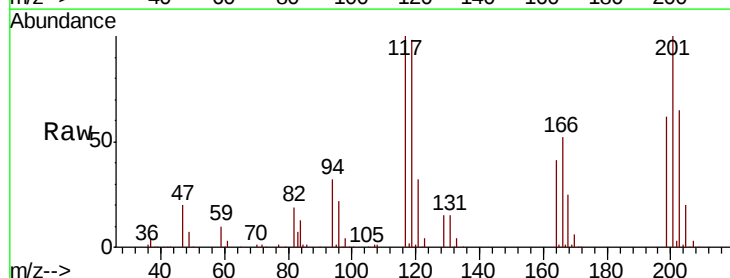
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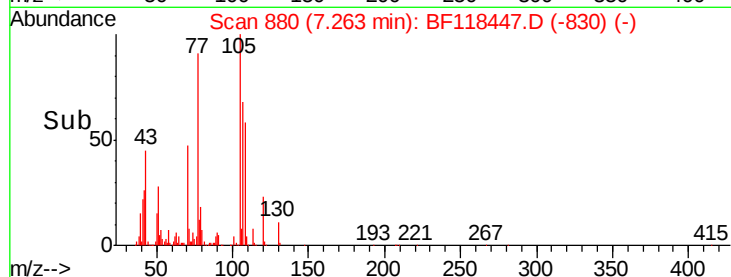
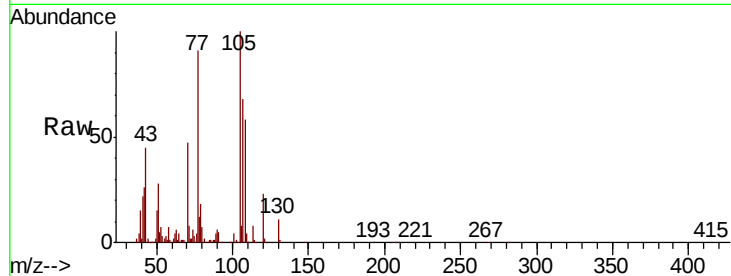
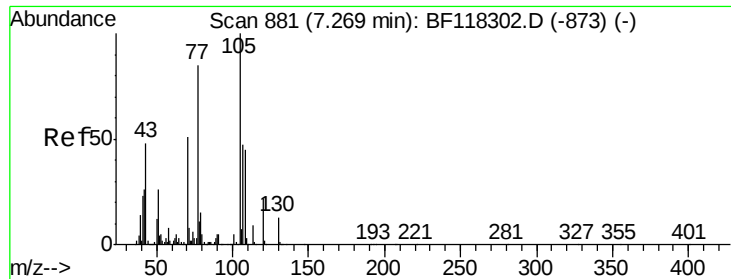
mohammad
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#18
Hexachloroethane
Concen: 41.672 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	78.0	117.0	
201	100.0	76.2	114.2	





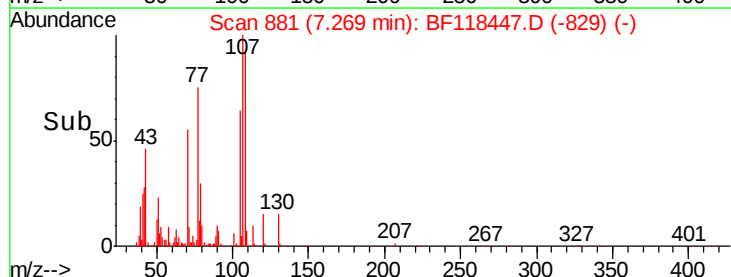
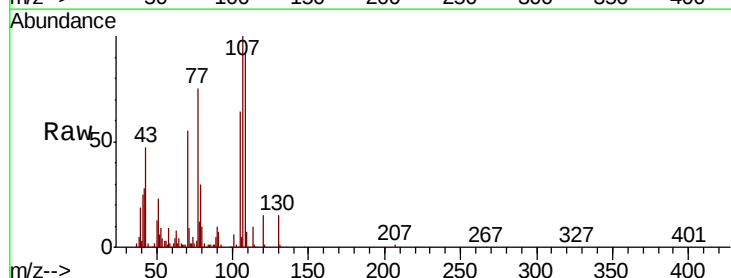
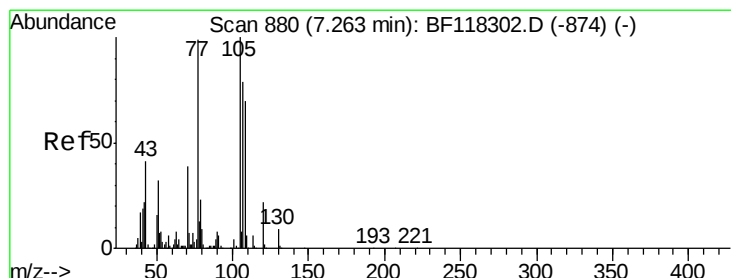
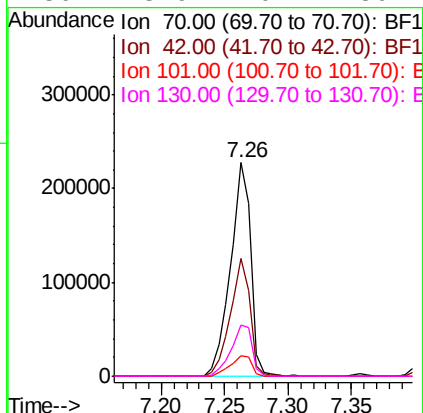
#19
n-Nitroso-di-n-propylamine
Concen: 44.627 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	41.1	61.7
101	9.6	8.3	12.5
130	23.9	20.1	30.1

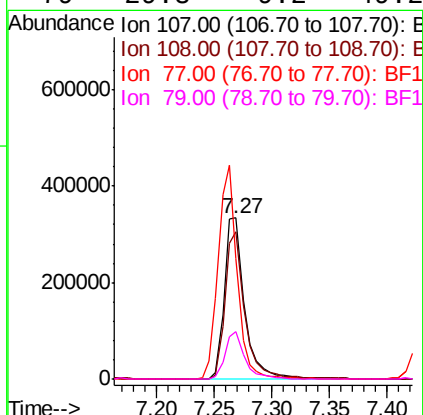
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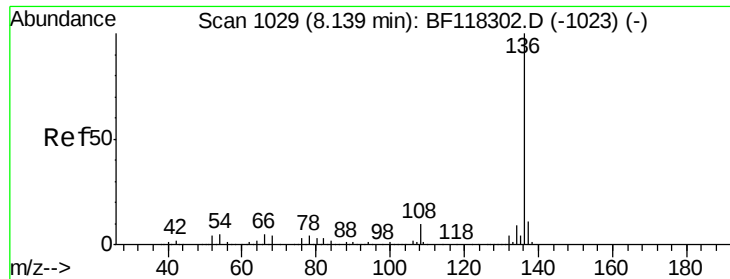
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#20
3+4-Methylphenols
Concen: 47.506 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.3	109.3
77	74.9	105.9	145.9#
79	29.8	9.2	49.2





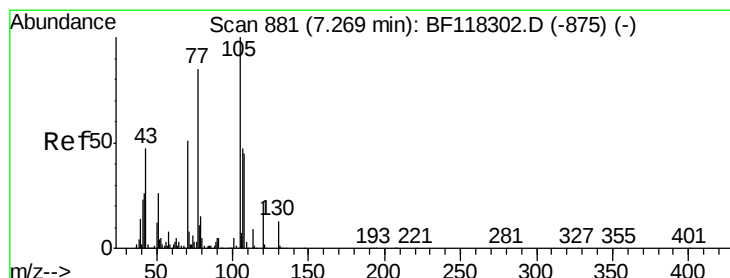
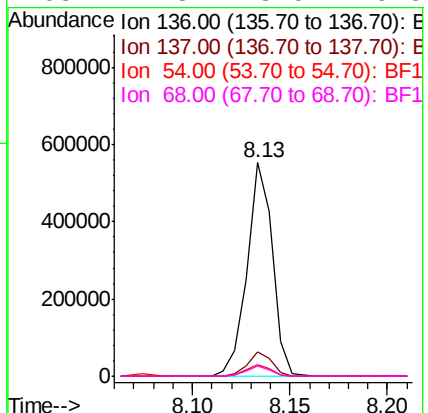
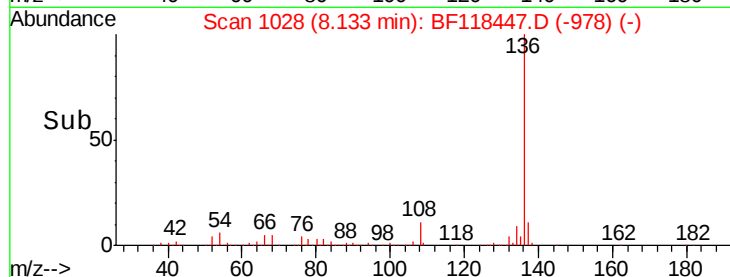
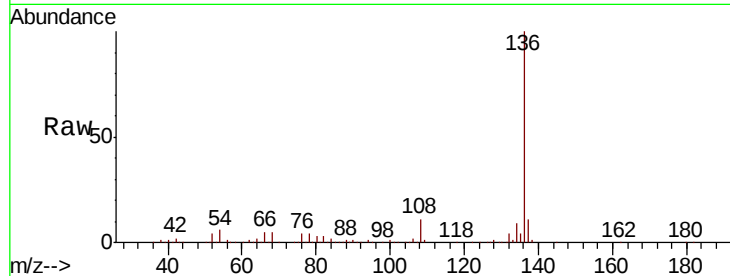
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		499365		
137	11.4	8.9	13.3		
54	5.5	4.2	6.4		
68	4.8	3.5	5.3		

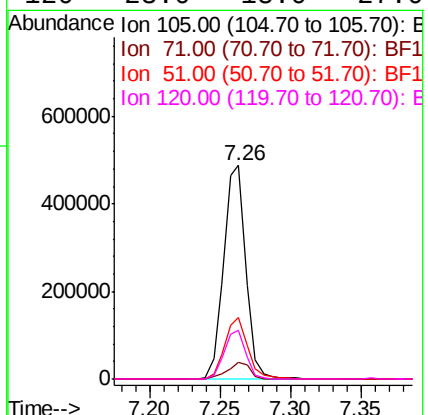
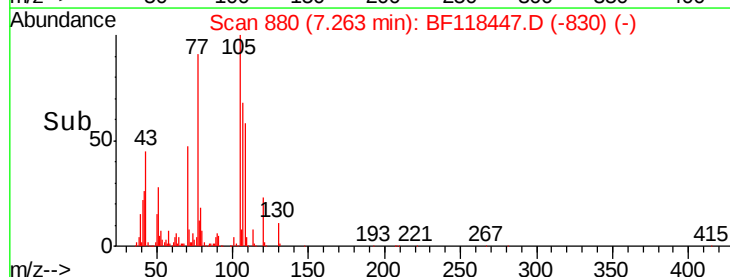
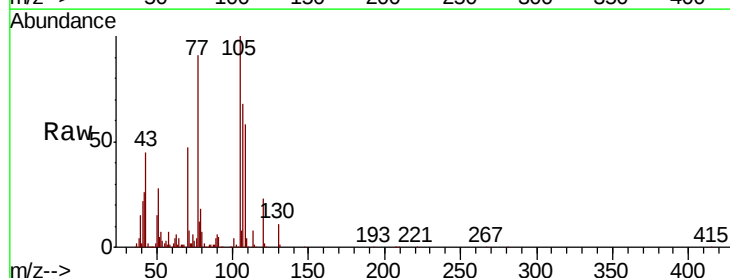
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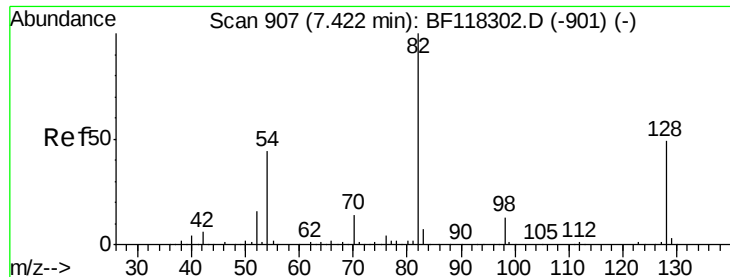
mohammad
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#22
Acetophenone
Concen: 43.352 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		530576		
71	7.8	6.6	9.8		
51	28.5	20.6	30.8		
120	23.0	18.0	27.0		





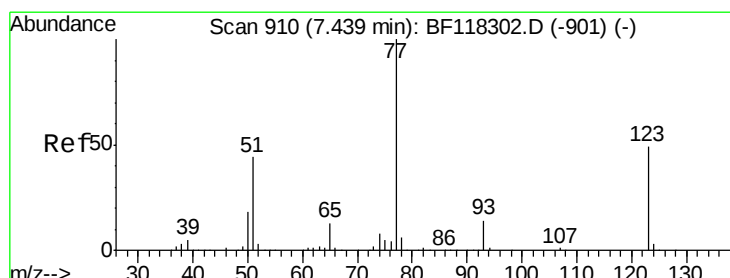
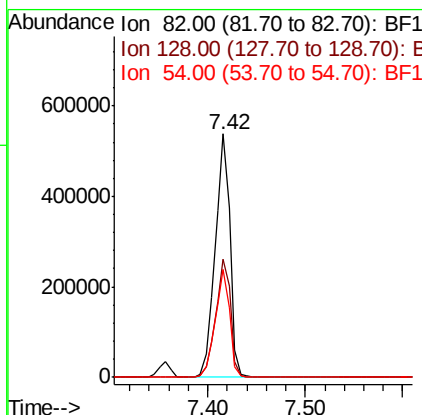
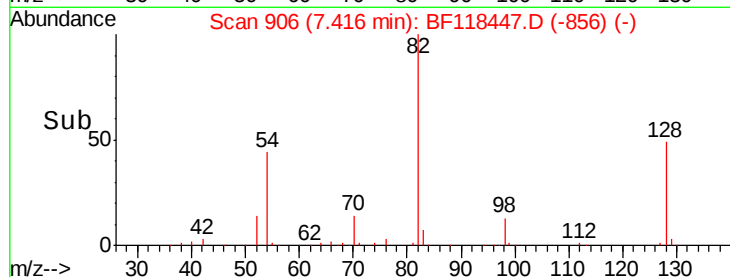
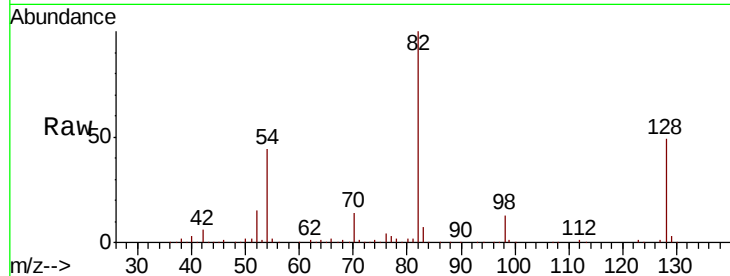
#23
Nitrobenzene-d5
Concen: 64.557 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	39.6	59.4
54	44.5	34.9	52.3

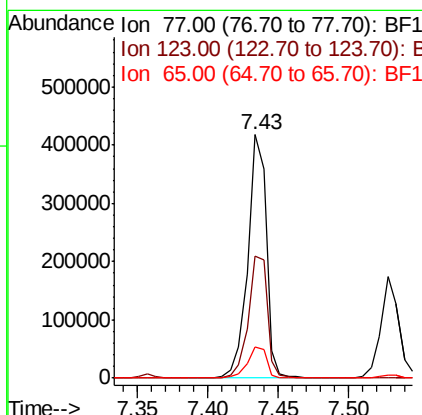
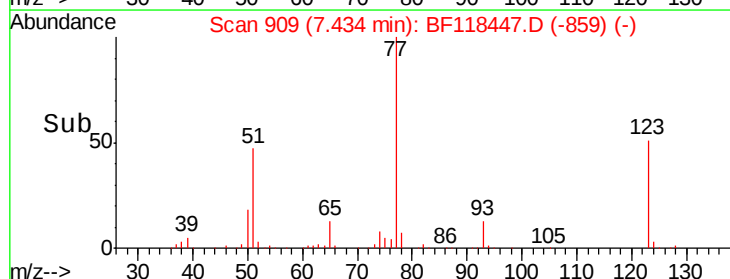
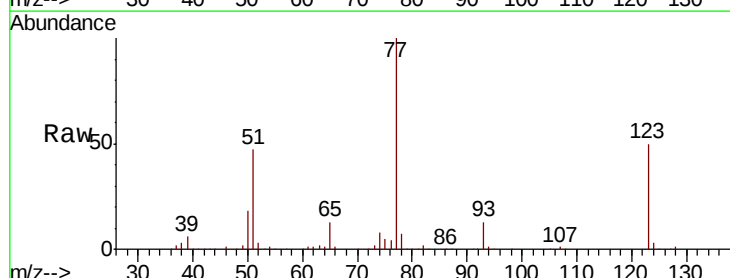
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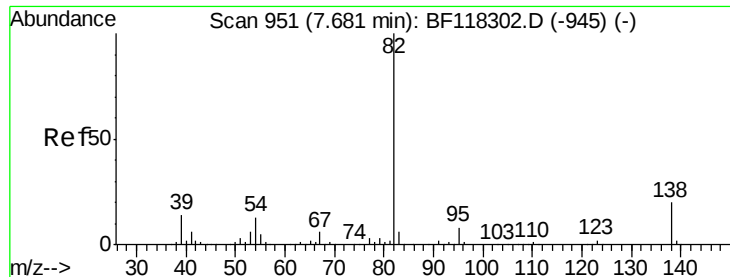
mohammad
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#24
Nitrobenzene
Concen: 44.029 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	39.1	58.7
65	12.9	10.6	16.0





#25

Isophorone

Concen: 45.556 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

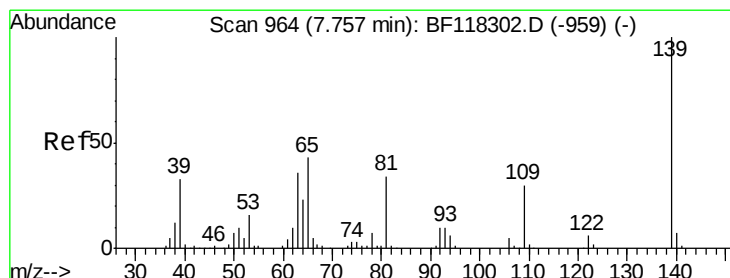
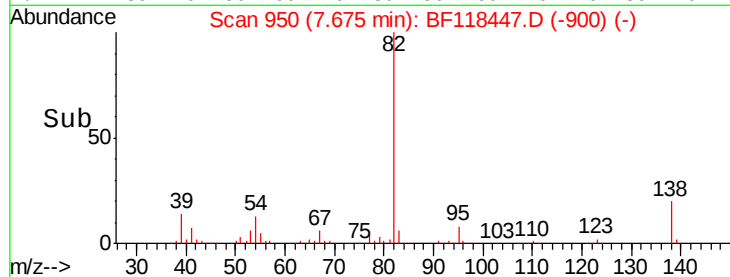
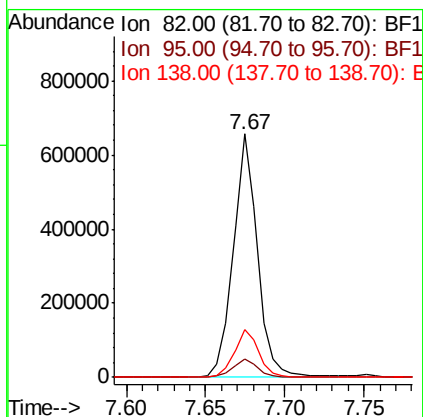
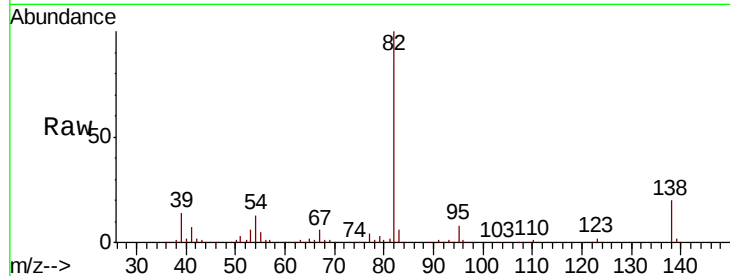
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	82	Resp:	693183
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	19.7	16.2	24.2

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#26

2-Nitrophenol

Concen: 47.206 ng

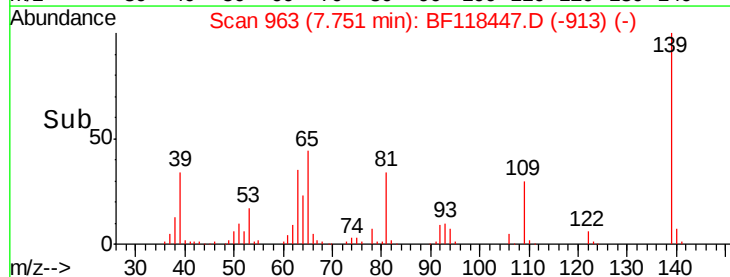
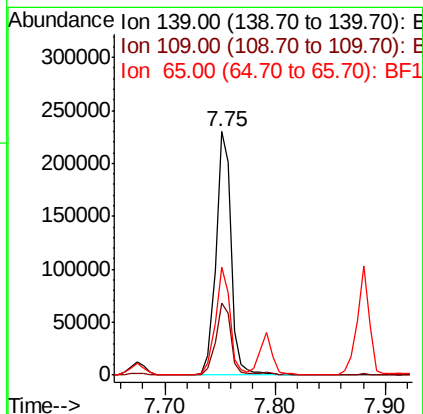
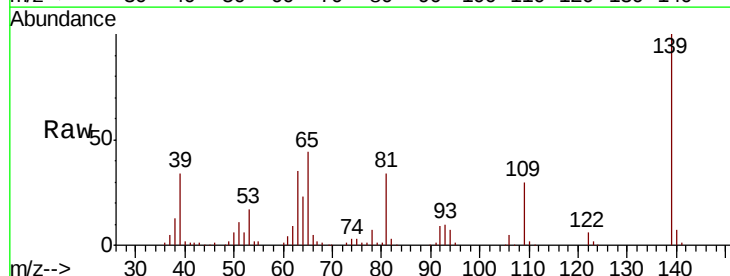
RT: 7.75 min Scan# 963

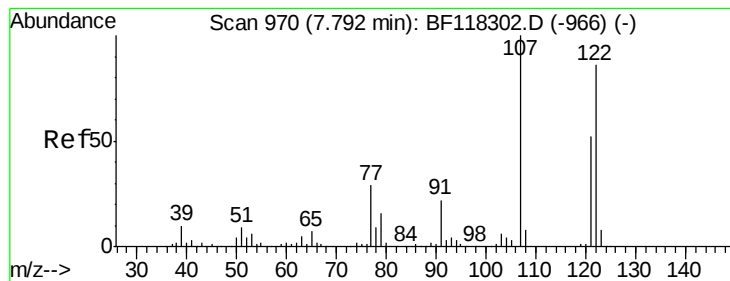
Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Tgt Ion:	139	Resp:	218681
Ion Ratio	Lower	Upper	
139	100		
109	29.8	24.1	36.1
65	44.3	34.6	52.0





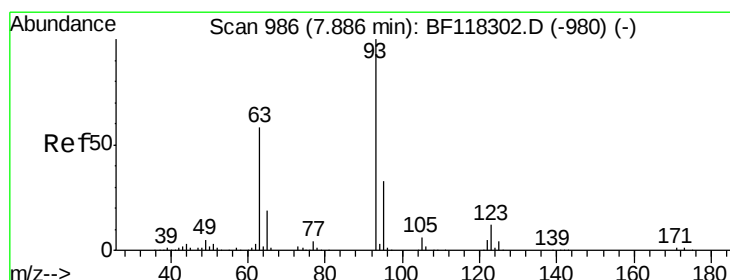
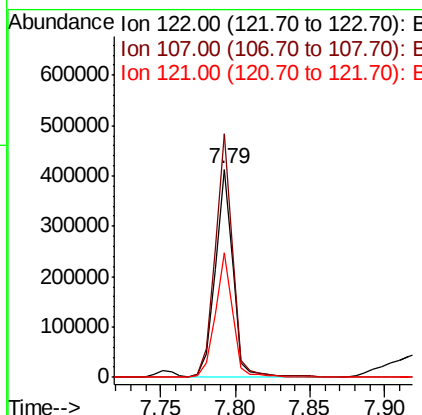
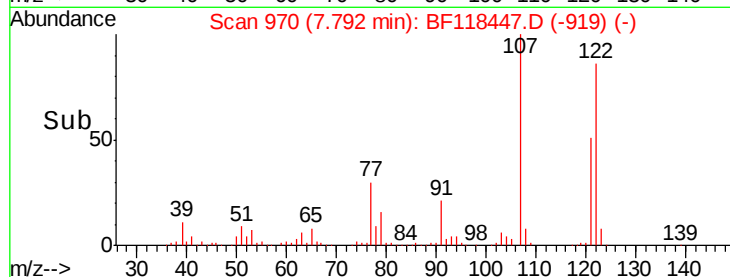
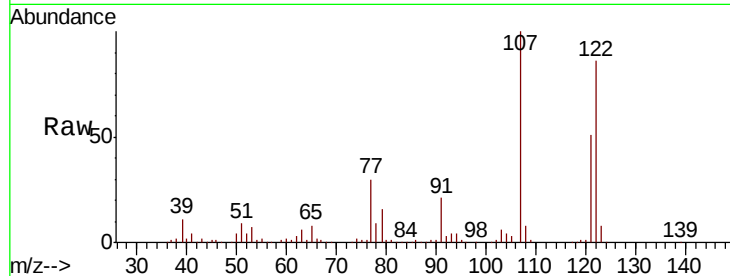
#27
2,4-Dimethylphenol
Concen: 53.630 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	116.8	92.9	139.3		
121	59.9	47.9	71.9		

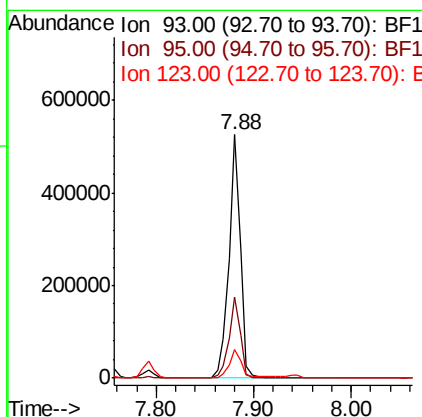
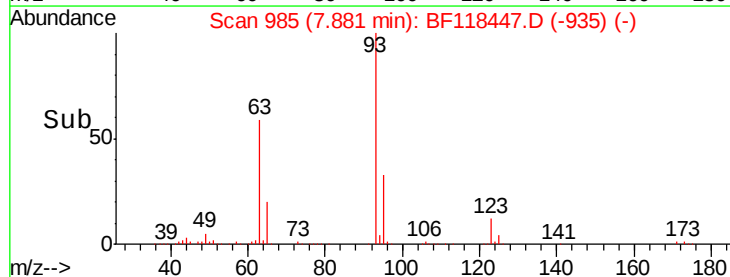
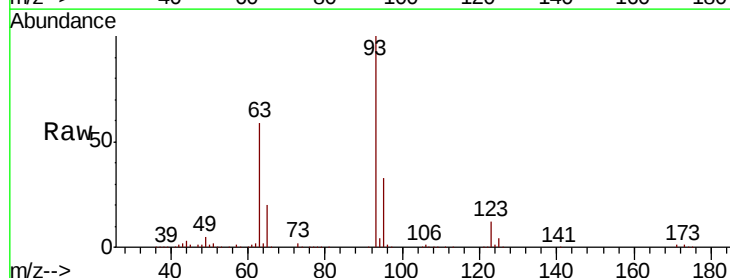
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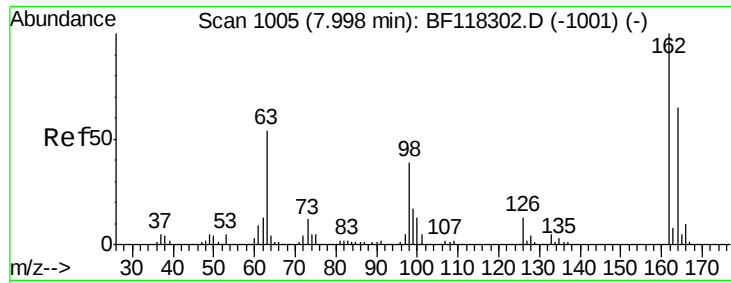
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#28
bis(2-Chloroethoxy)methane
Concen: 43.144 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	26.2	39.4		
123	11.9	9.8	14.8		





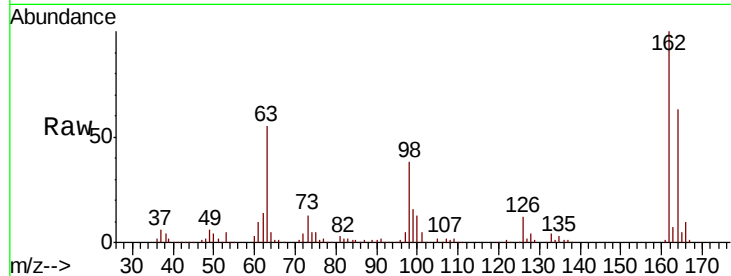
#29
2,4-Dichlorophenol
Concen: 46.041 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

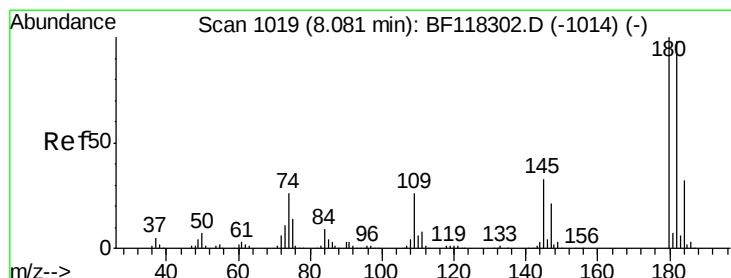
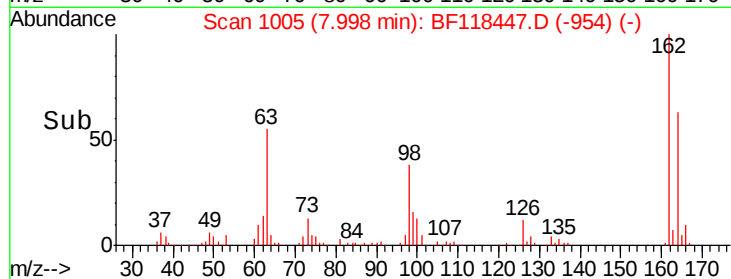
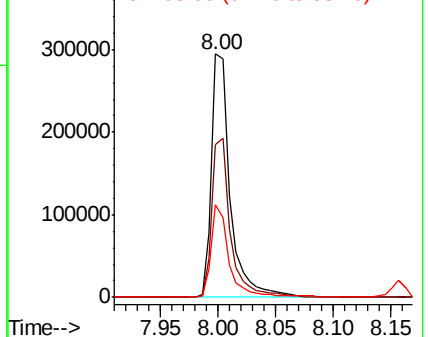
Tot Ion:	162	Resp:	334944
Ion Ratio	Lower	Upper	
162	100		
164	62.5	45.1	85.1
98	38.1	18.6	58.6

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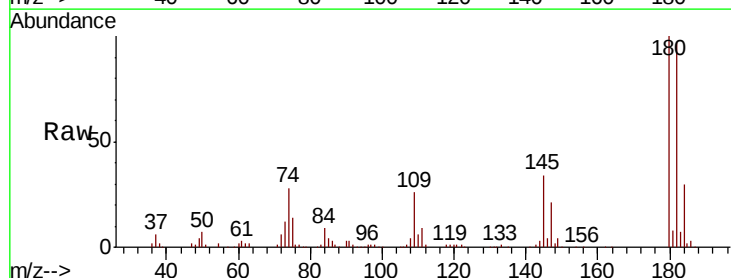


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

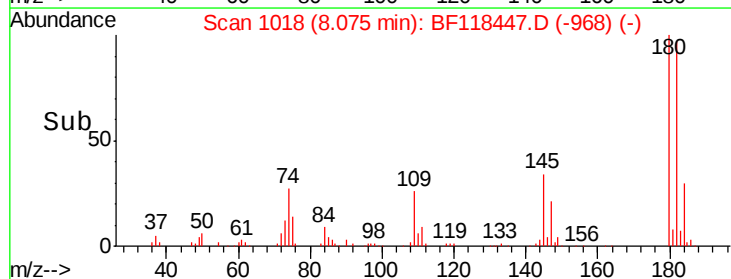
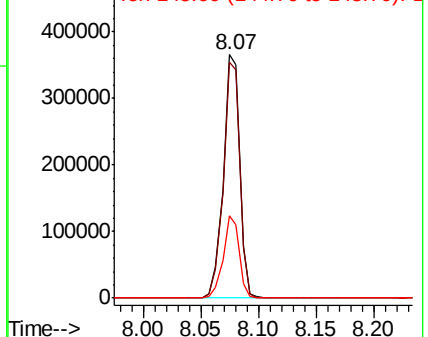


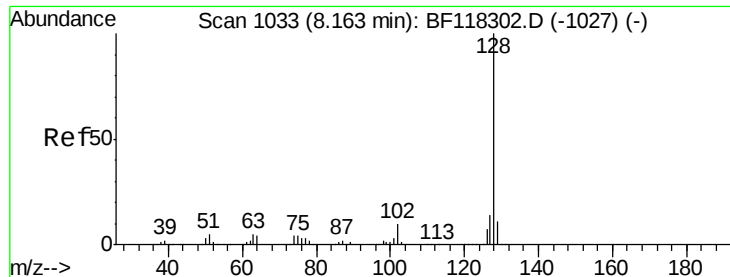
#30
1,2,4-Trichlorobenzene
Concen: 42.798 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion:	180	Resp:	362689
Ion Ratio	Lower	Upper	
180	100		
182	97.1	78.3	117.5
145	33.9	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





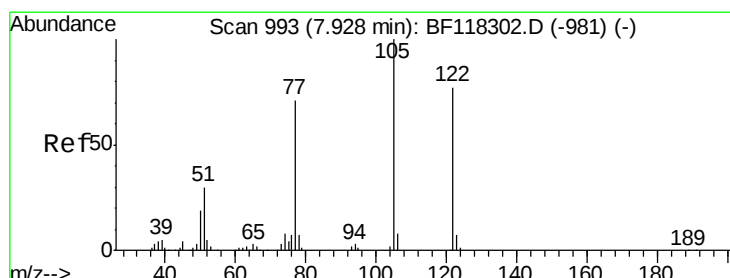
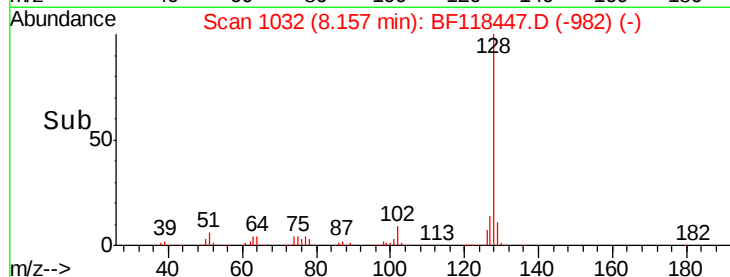
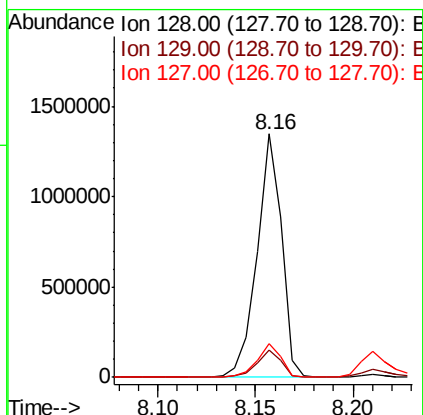
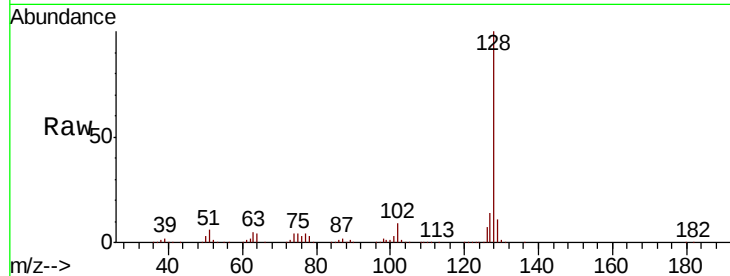
#31
Naphthalene
Concen: 46.197 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.7	11.0	16.4

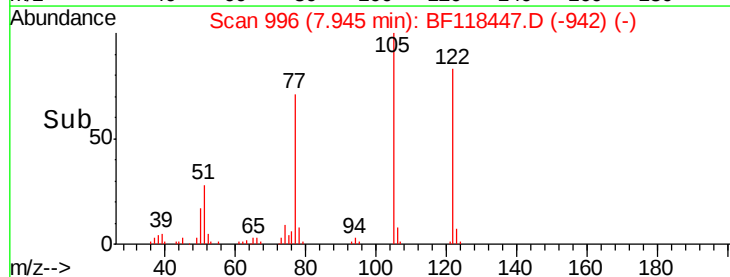
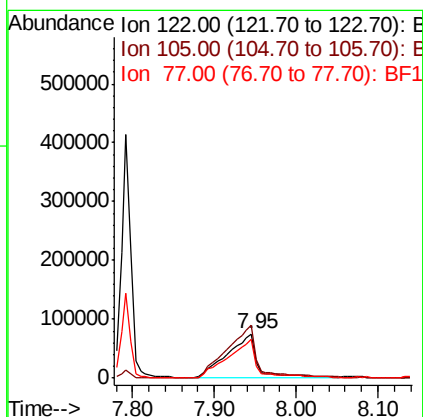
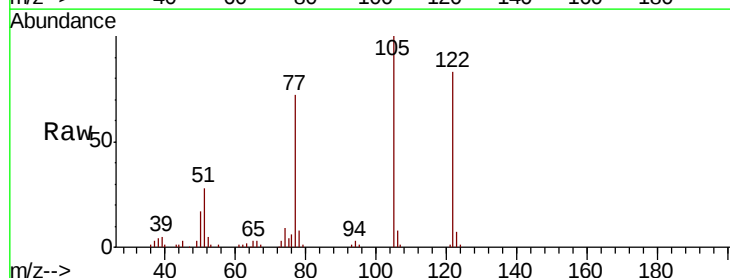
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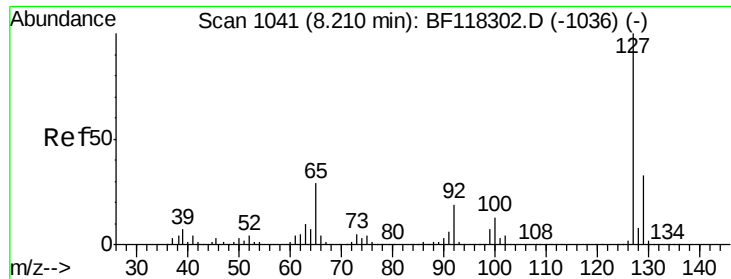
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#32
Benzoic acid
Concen: 36.793 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	106.8	146.8
77	86.6	70.4	110.4





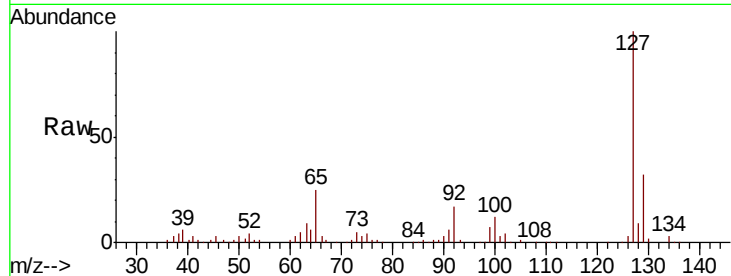
#33
4-Chloroaniline
Concen: 16.019 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.5	39.7		
65	24.8	22.8	34.2		
92	17.1	15.5	23.3		

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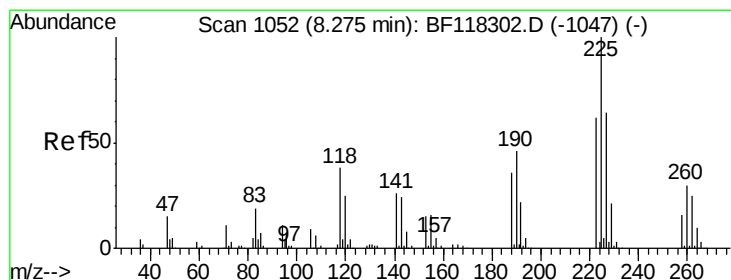
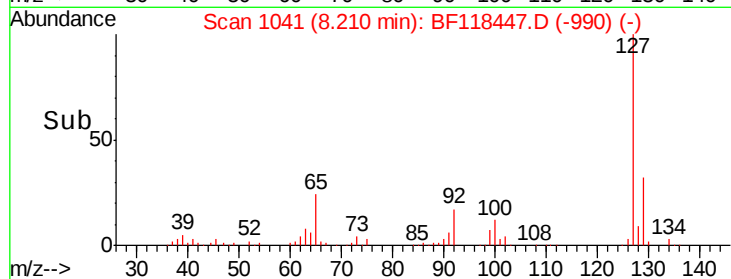
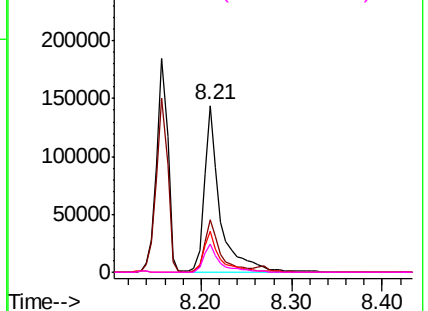
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

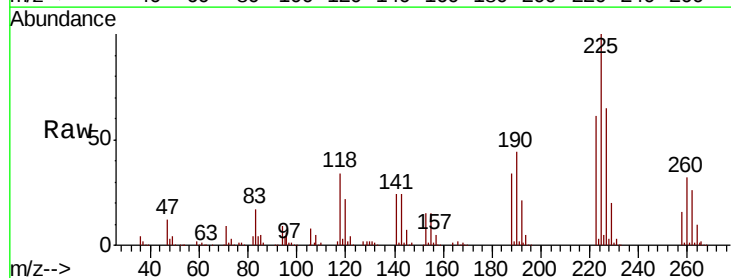
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.430 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	49.5	74.3		
227	65.1	51.0	76.4		

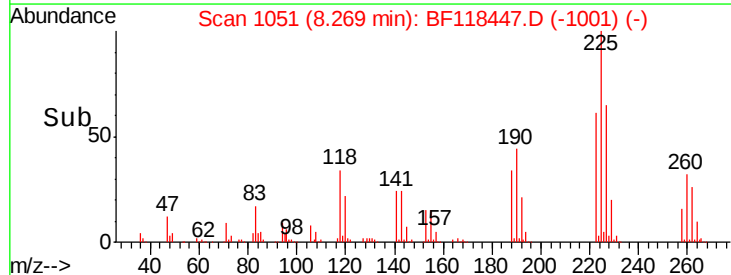
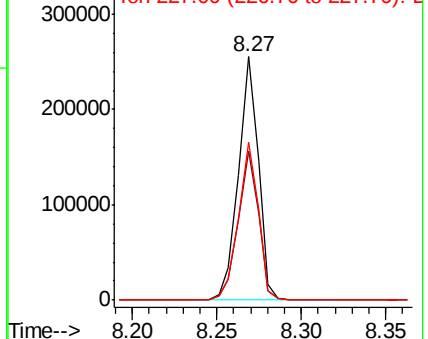


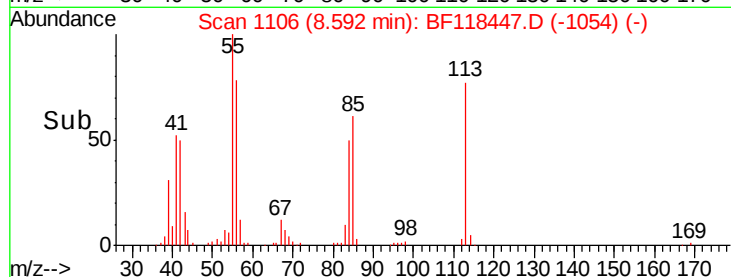
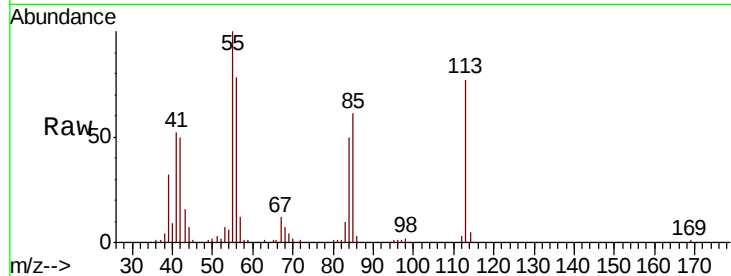
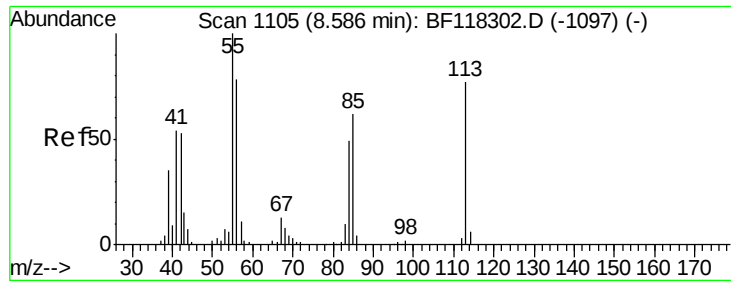
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.560 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Tot Ion:	113	Resp:	110292
Ion Ratio	Lower	Upper	
113	100		
55	129.6	109.8	149.8
56	100.9	81.7	121.7

Instrument :

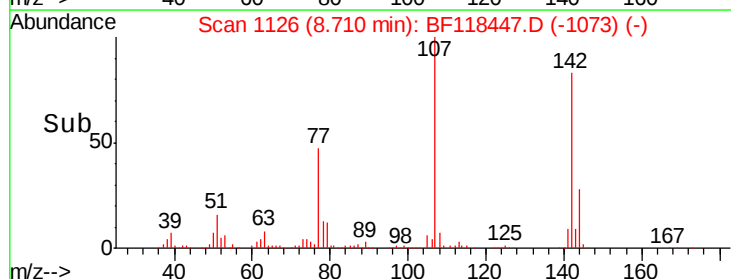
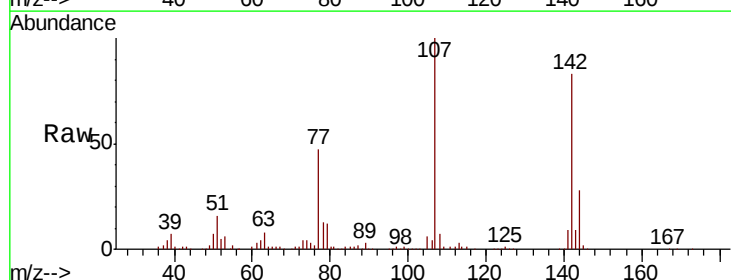
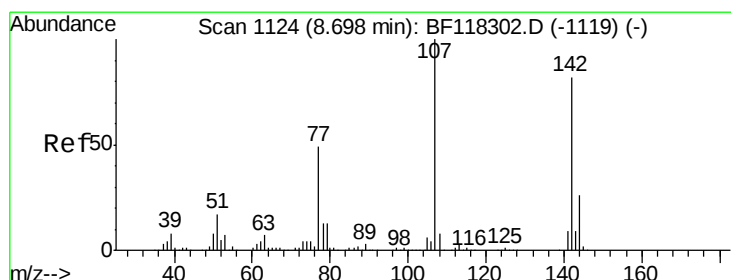
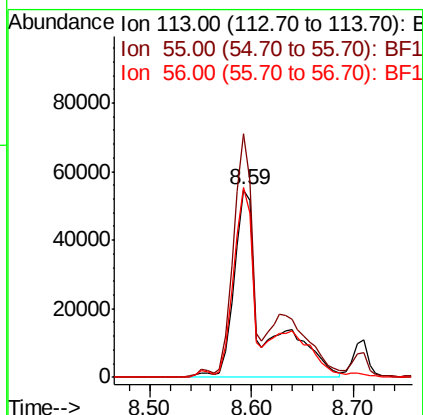
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ClientSampleId :

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#36

4-Chloro-3-methylphenol

Concen: 45.456 ng/mL

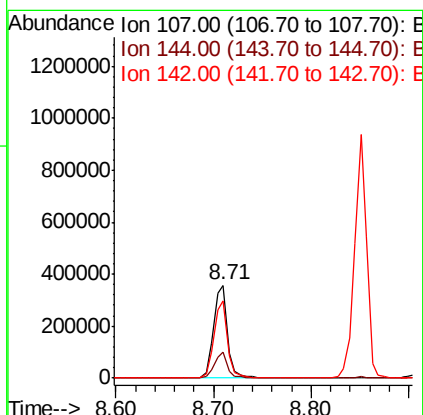
RT: 8.71 min Scan# 1126

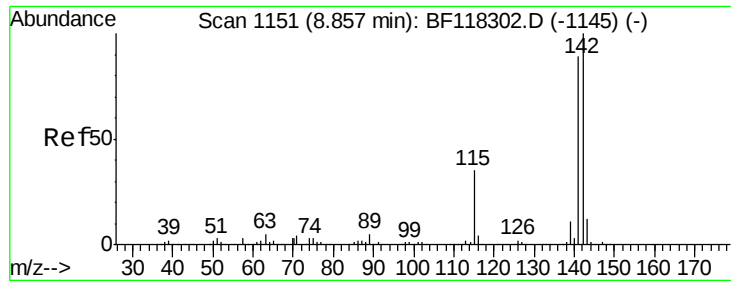
Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Tgt Ion:	107	Resp:	355042
Ion Ratio	Lower	Upper	
107	100		
144	27.9	21.2	31.8
142	83.4	65.4	98.2





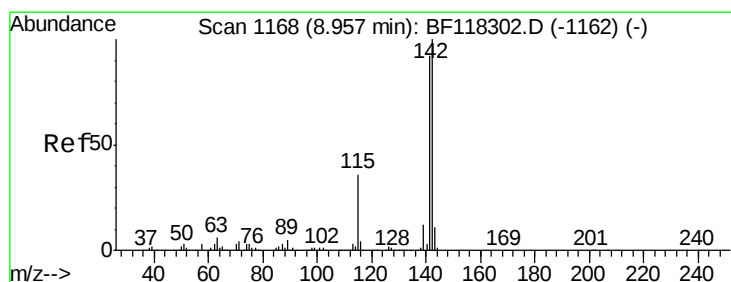
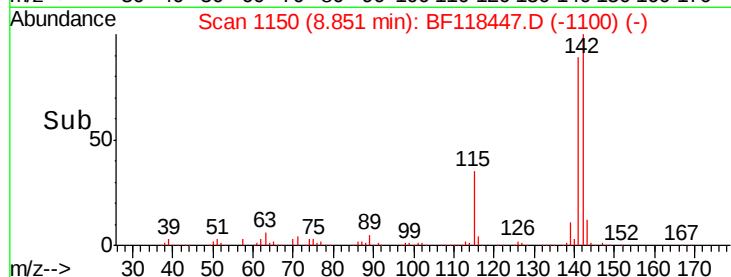
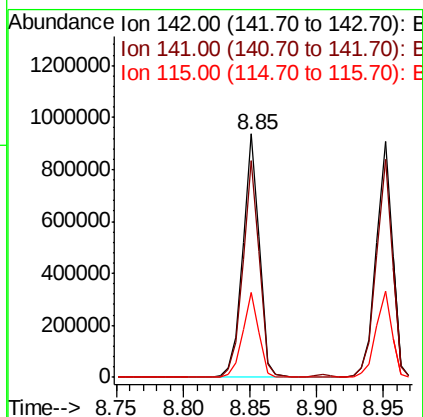
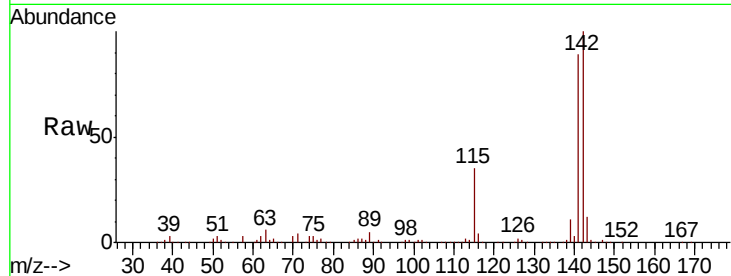
#37
2-Methylnaphthalene
Concen: 46.192 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	35.1	28.0	42.0

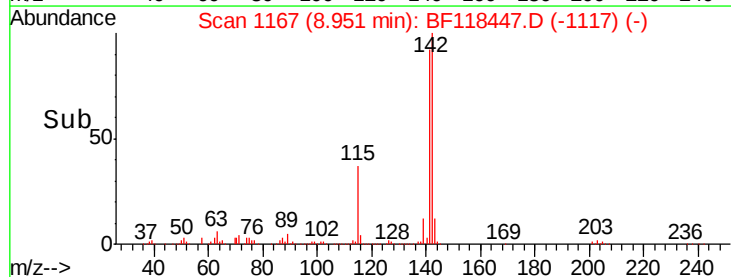
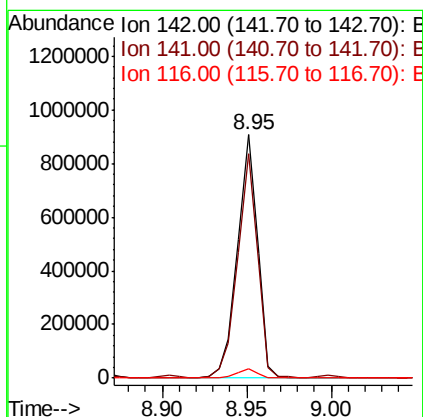
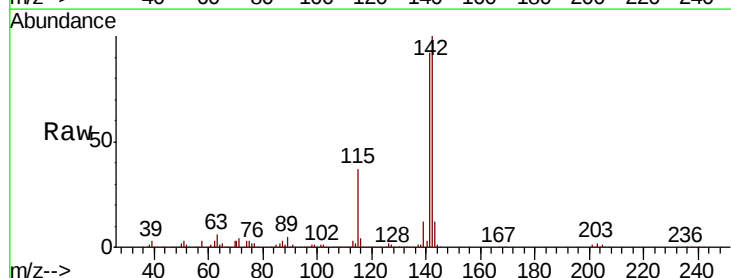
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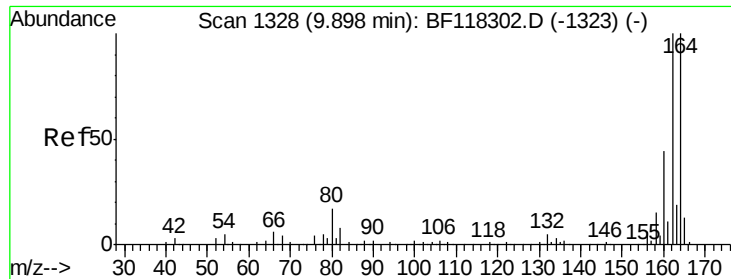
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#38
1-Methylnaphthalene
Concen: 45.975 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.2
116	4.0	2.9	4.3





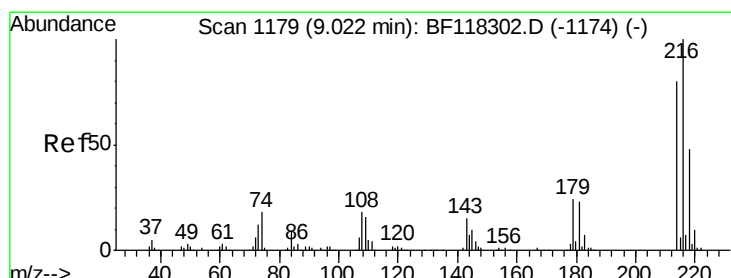
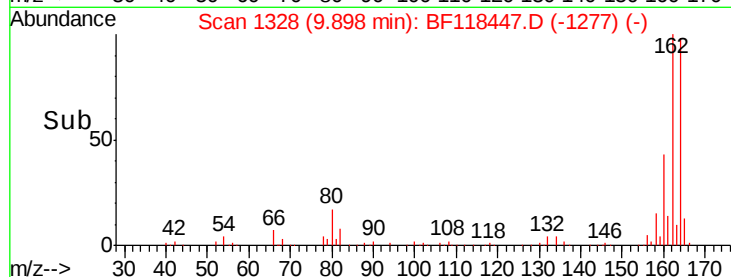
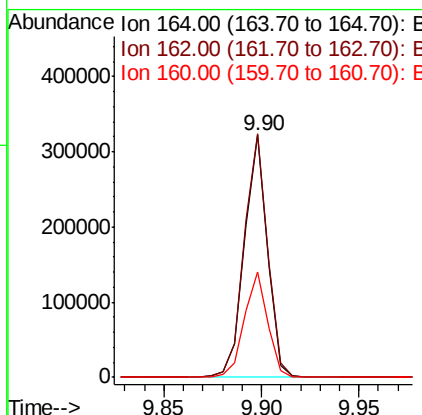
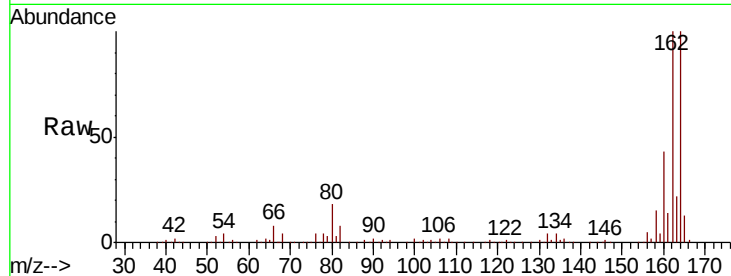
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.0	120.0
160	43.7	34.8	52.2

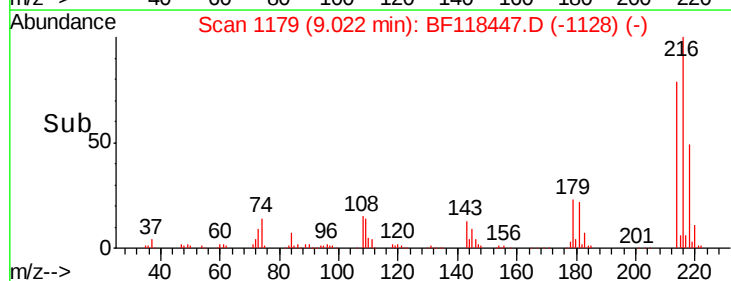
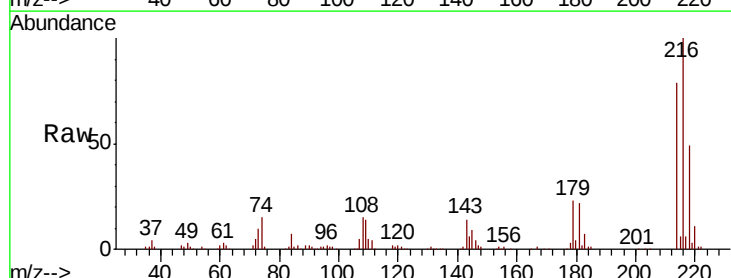
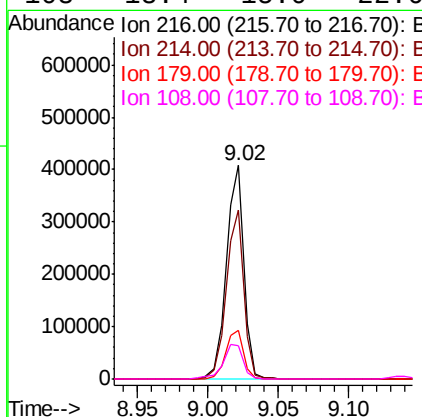
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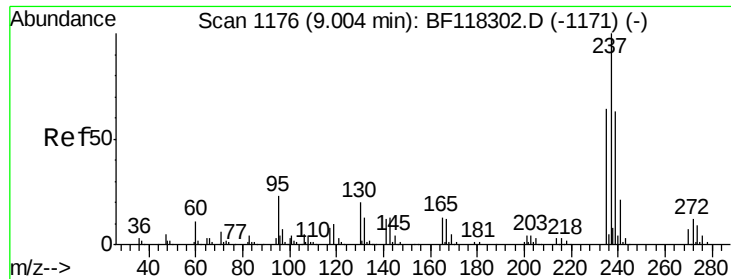
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.235 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	23.3	18.9	28.3
108	18.4	15.0	22.6





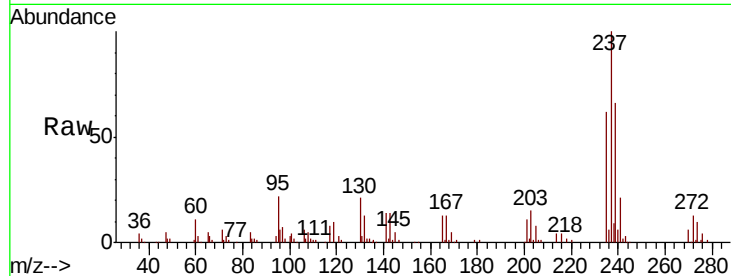
#41
Hexachlorocyclopentadiene
Concen: 29.882 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

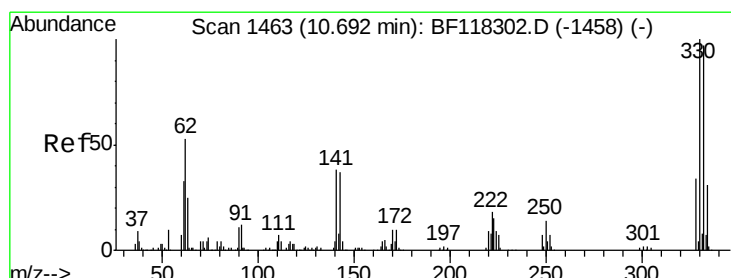
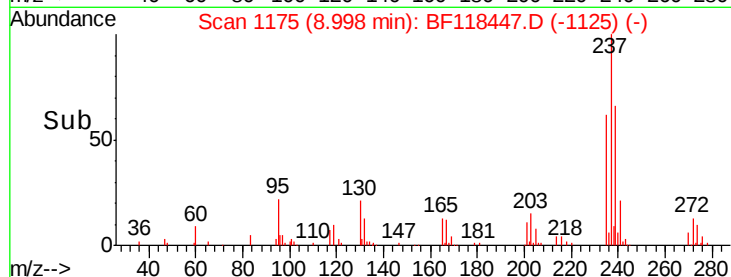
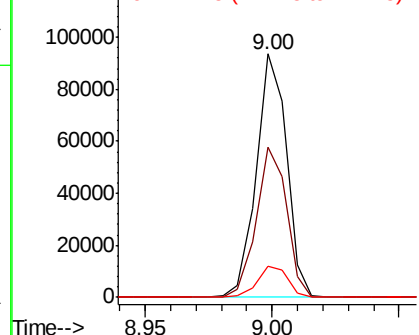
Tot Ion:	237	Resp:	78279
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.8	83.8
272	12.9	0.0	31.7

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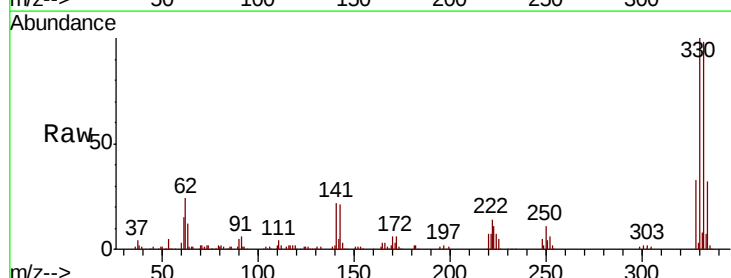


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

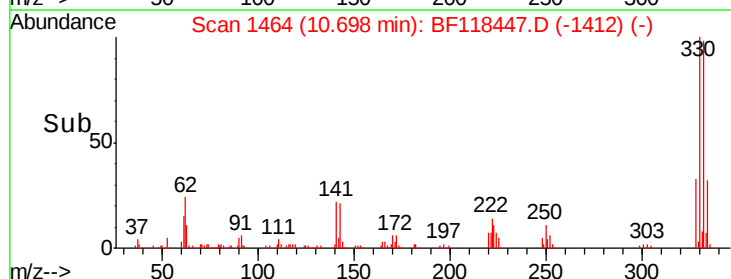
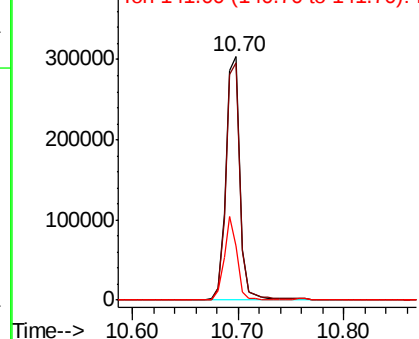


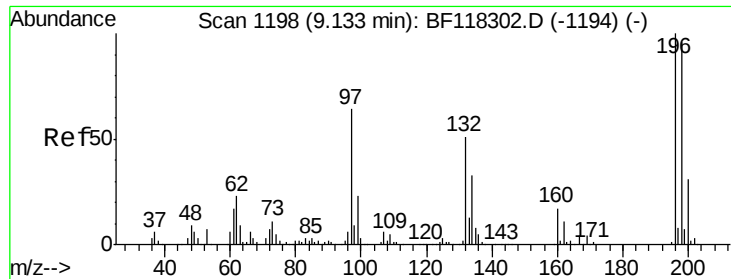
#42
2,4,6-Tribromophenol
Concen: 88.778 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion:	330	Resp:	288671
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.6	114.8
141	31.2	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





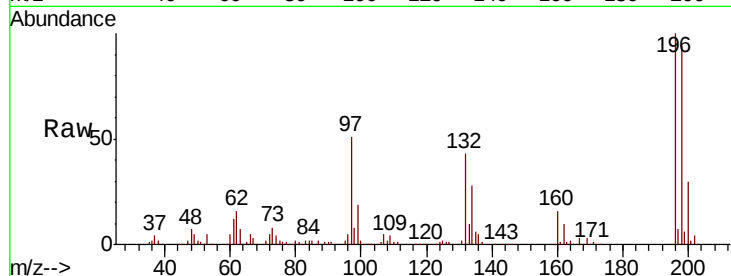
#43
 2,4,6-Trichlorophenol
 Concen: 44.815 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MSD

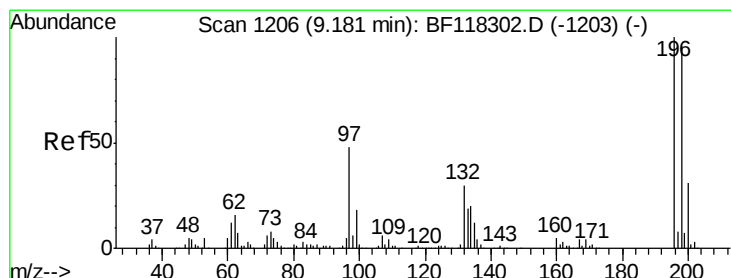
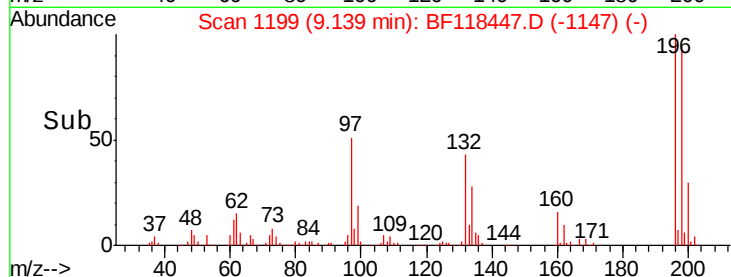
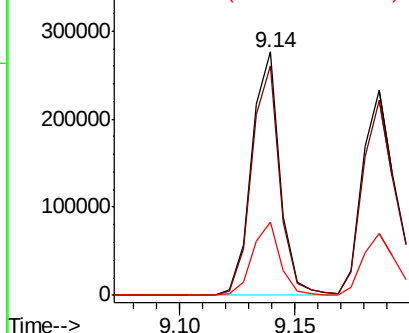
Tot Ion:	196	Resp:	236854
Ion Ratio	Lower	Upper	
196	100		
198	94.4	76.7	115.1
200	30.1	24.8	37.2

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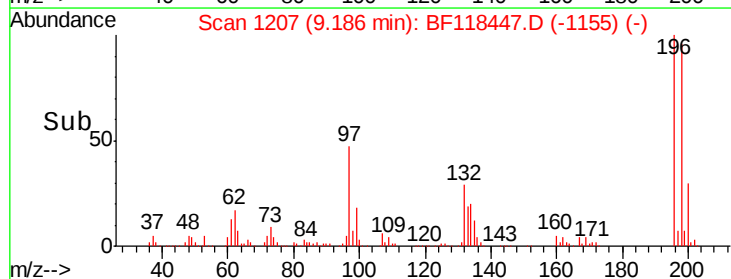
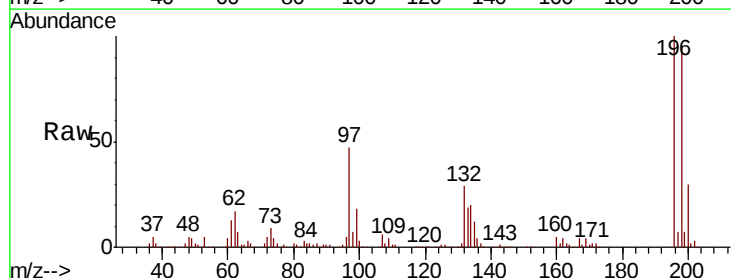
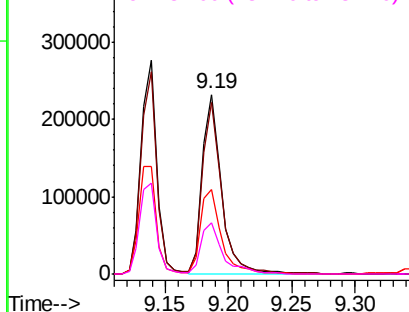
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

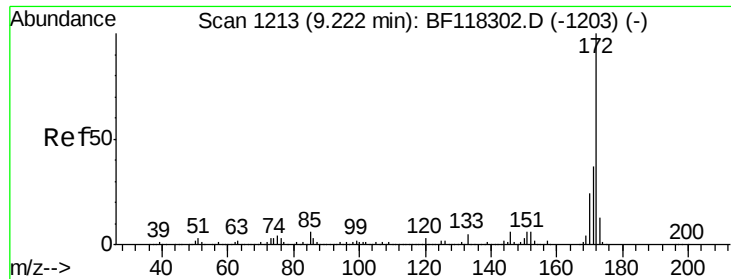


#44
 2,4,5-Trichlorophenol
 Concen: 44.946 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Tgt Ion:	196	Resp:	244364
Ion Ratio	Lower	Upper	
196	100		
198	95.5	77.0	115.4
97	47.2	38.9	58.3
132	28.5	23.9	35.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





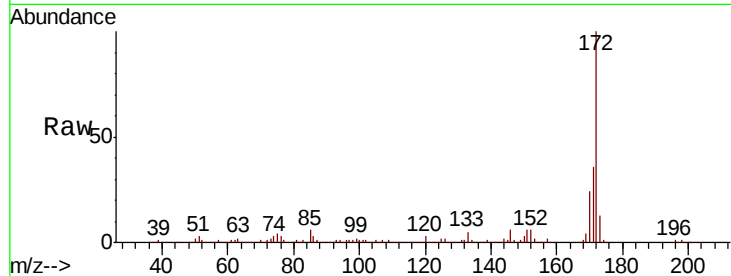
#45
2-Fluorobiphenyl
Concen: 62.697 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	23.7	19.2	28.8

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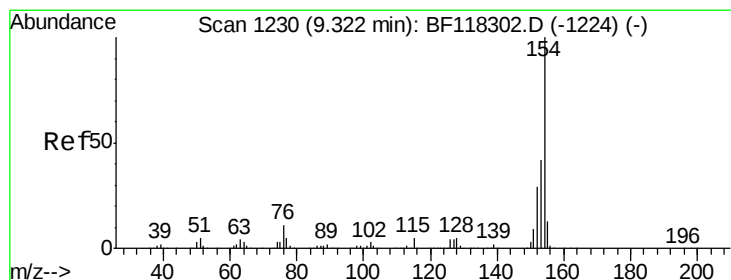
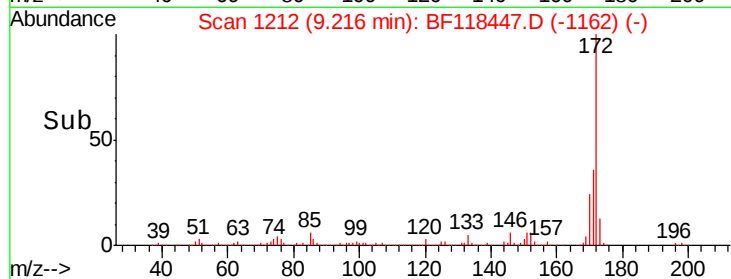
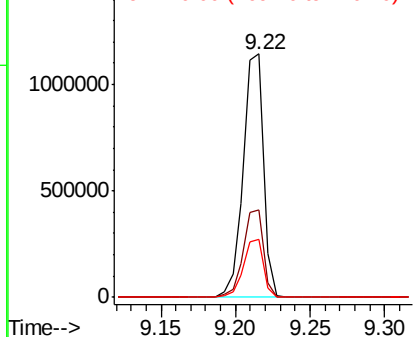


Abundance

Ion 172.00 (171.70 to 172.70): E

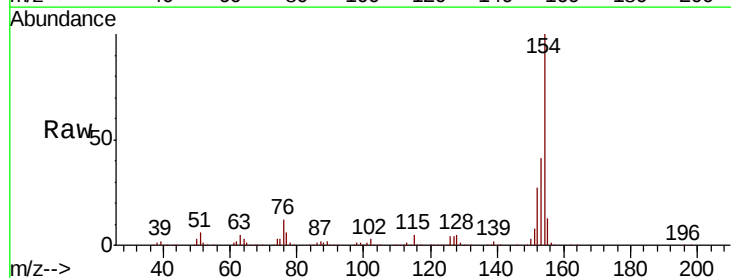
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.482 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.8	61.8
76	12.3	0.0	30.9

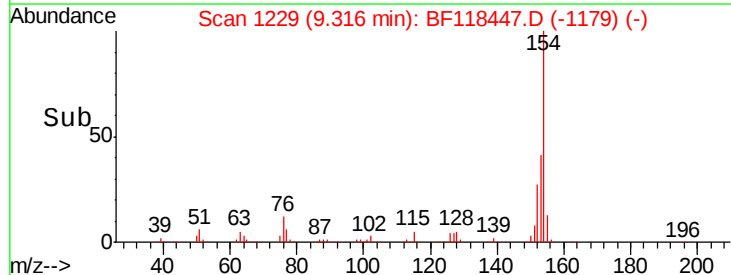
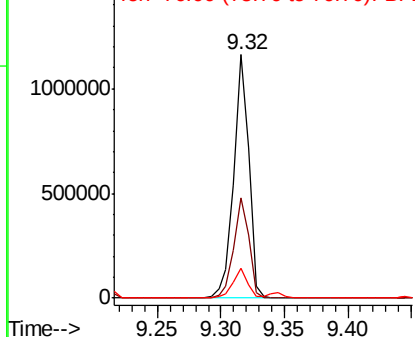


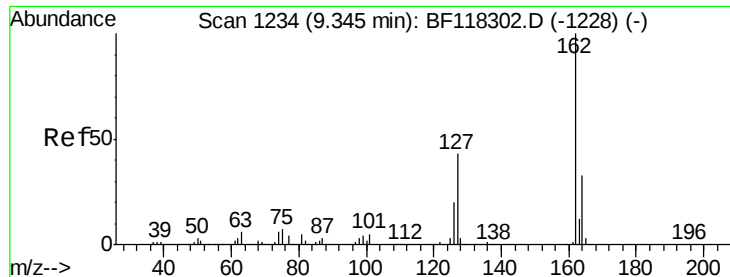
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





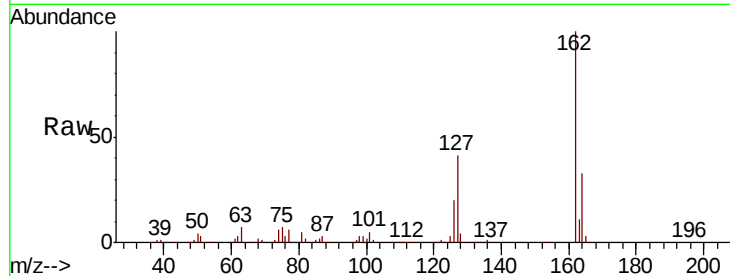
#47
2-Chloronaphthalene
Concen: 43.769 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

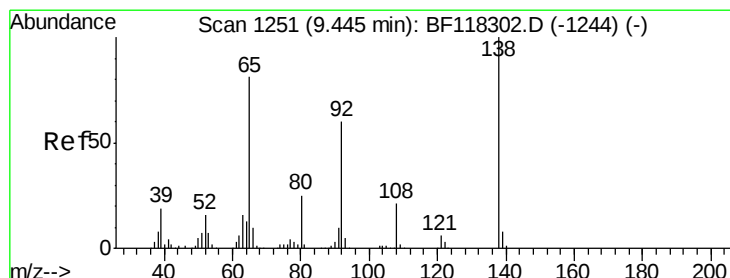
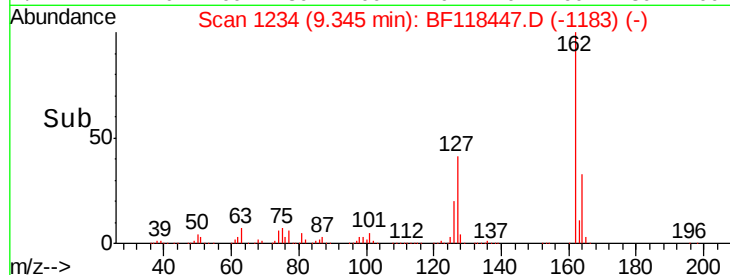
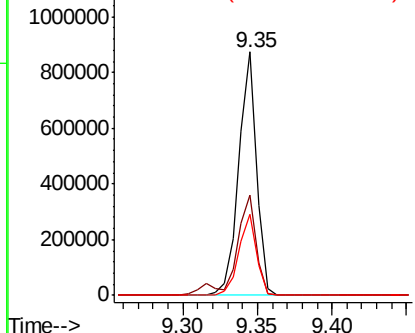
Tot Ion	Ratio	Resp	Lower	Upper
162	100	733629		
127	41.3		35.0	52.4
164	33.4		26.6	40.0

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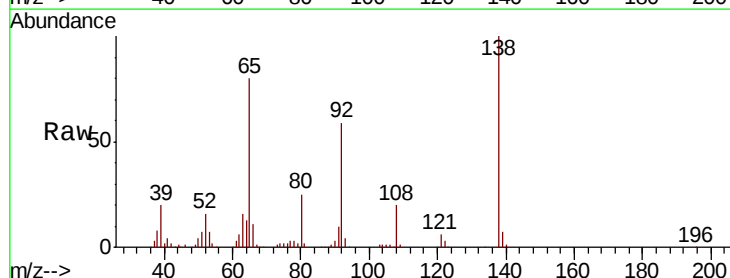


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

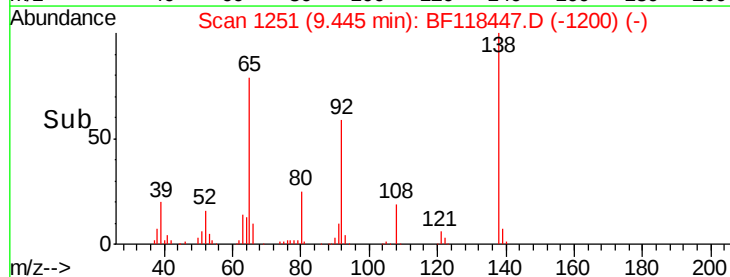
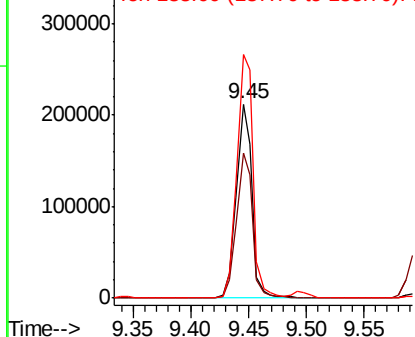


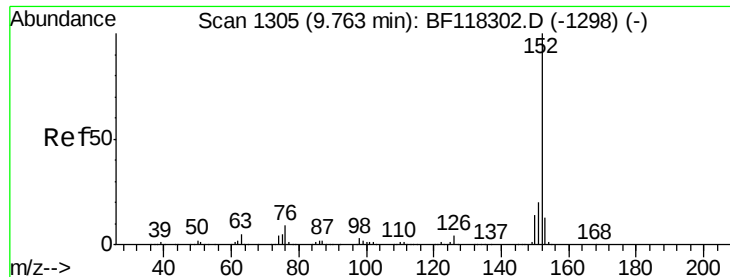
#48
2-Nitroaniline
Concen: 42.111 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	199365		
92	74.5		58.7	88.1
138	125.4		98.5	147.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.648 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:152 Resp: 1134744

Ion Ratio Lower Upper

152 100

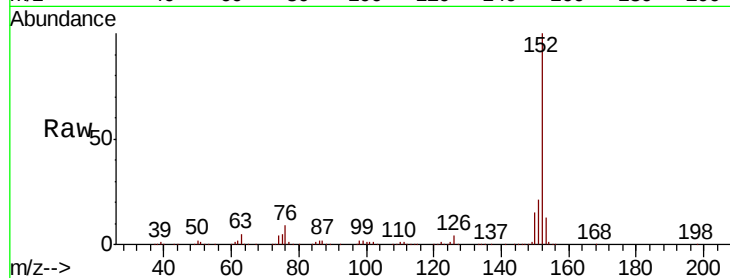
151 20.6 16.2 24.2

153 13.2 10.5 15.7

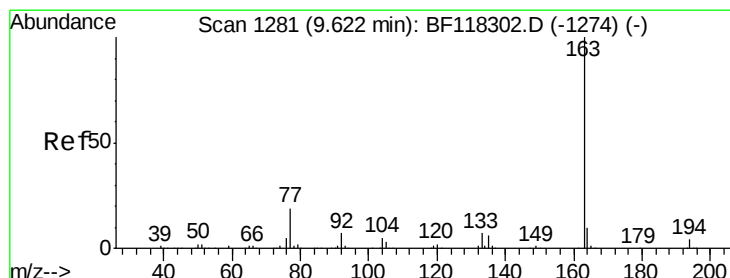
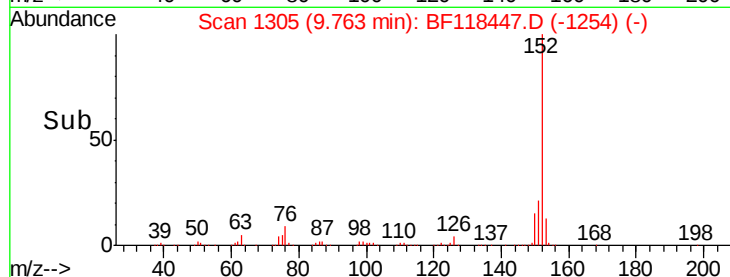
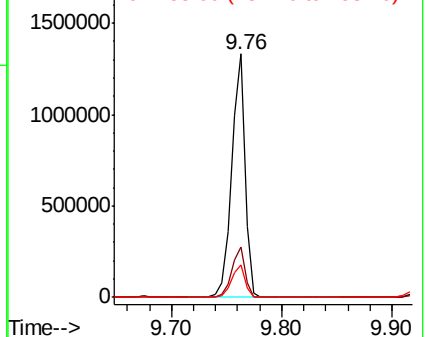
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.946 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

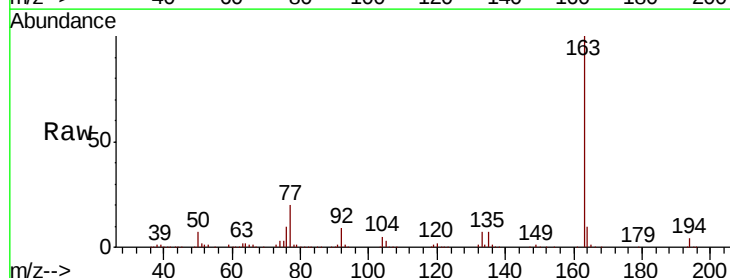
Tgt Ion:163 Resp: 947632

Ion Ratio Lower Upper

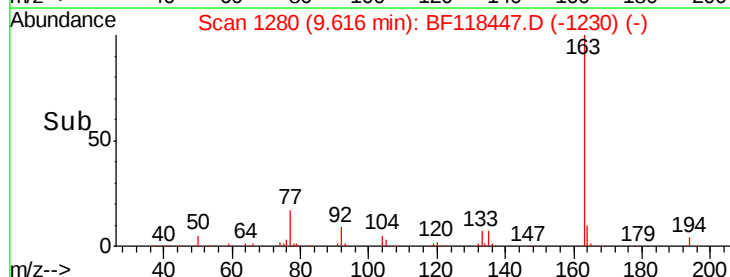
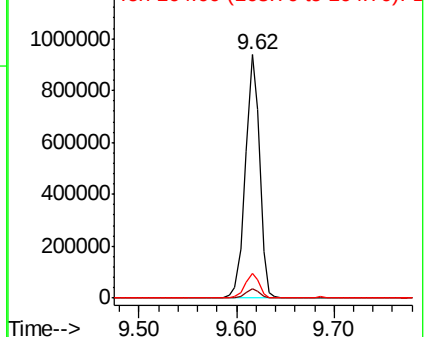
163 100

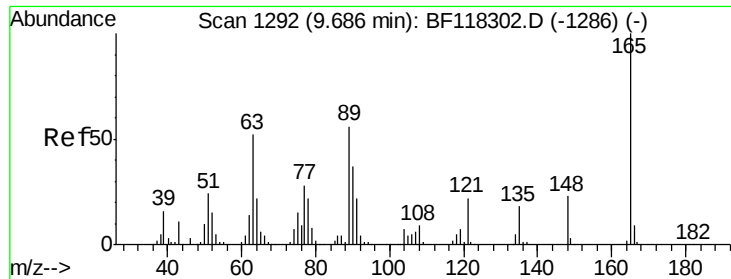
194 3.8 3.2 4.8

164 10.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





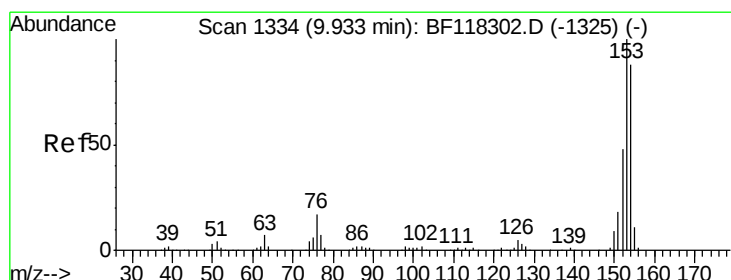
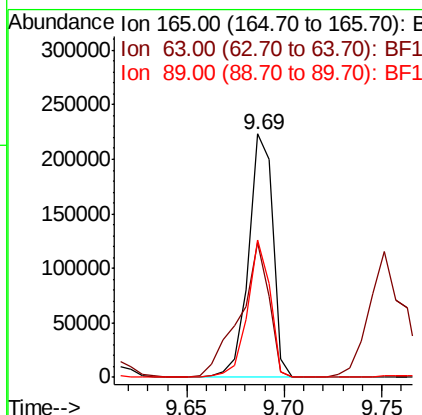
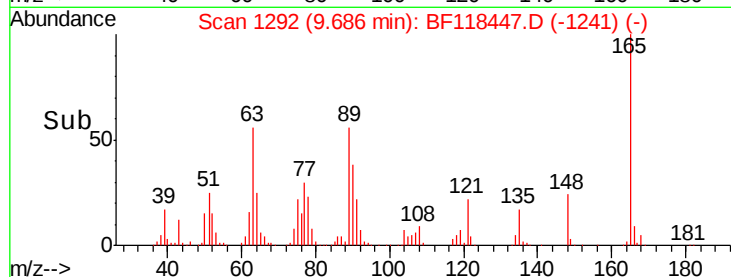
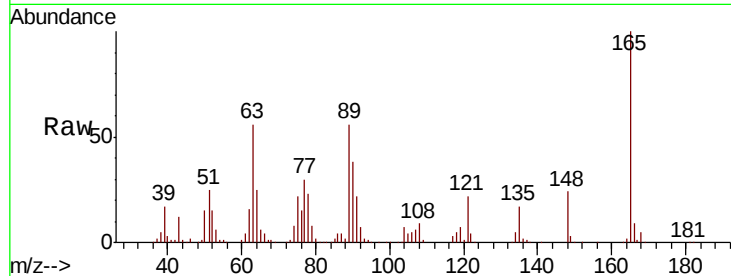
#51
 2,6-Dinitrotoluene
 Concen: 45.360 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.6	42.2	63.4
89	56.3	44.4	66.6

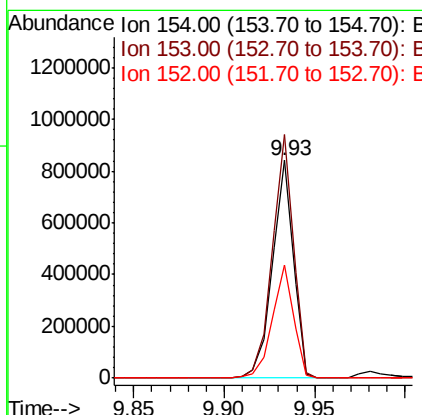
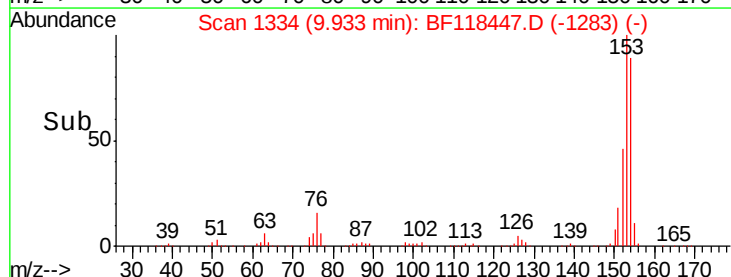
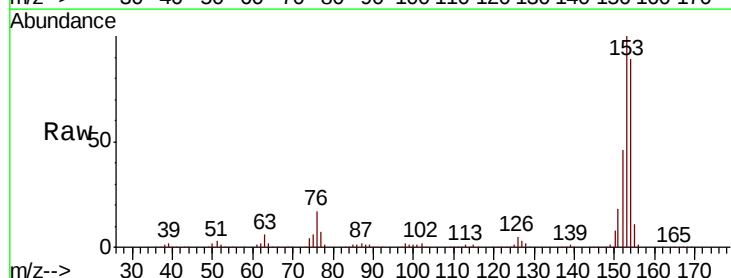
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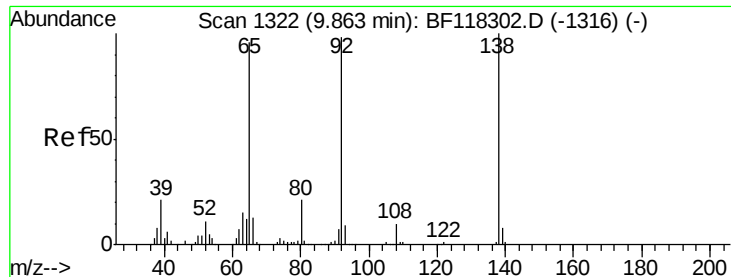
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#52
 Acenaphthene
 Concen: 44.855 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.6	136.0
152	51.8	43.1	64.7





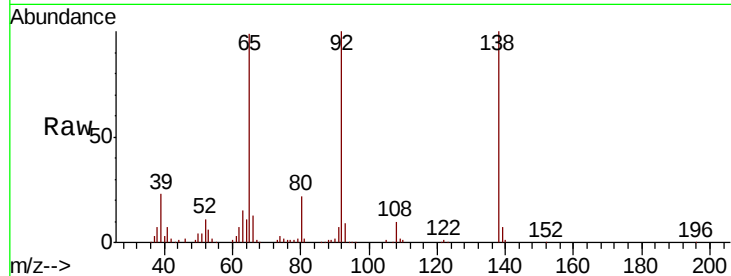
#53
3-Nitroaniline
Concen: 25.306 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

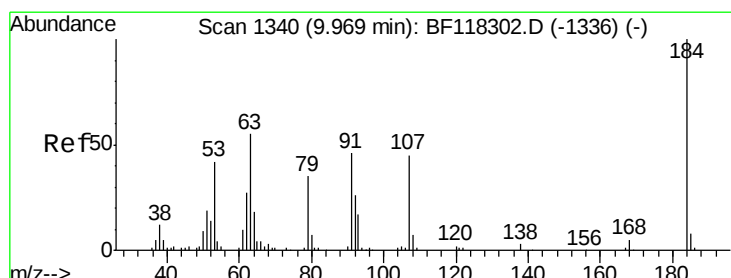
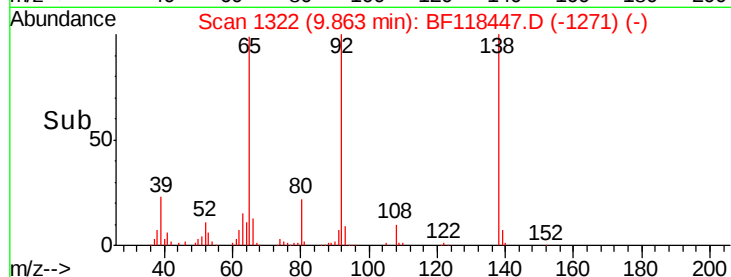
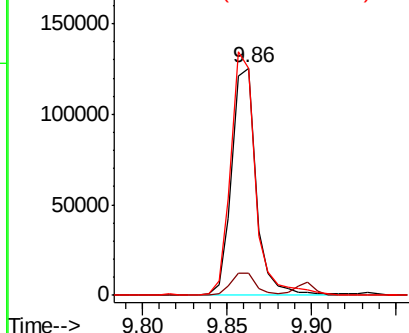
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.8
92	99.5	78.2	117.2

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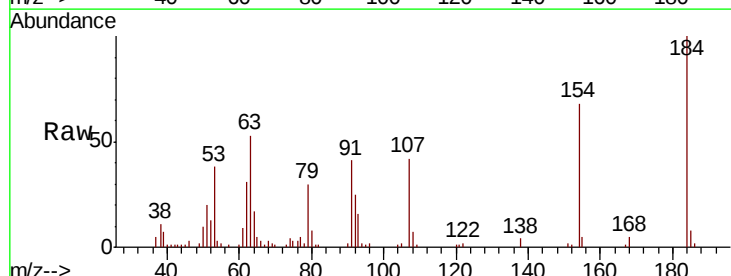


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

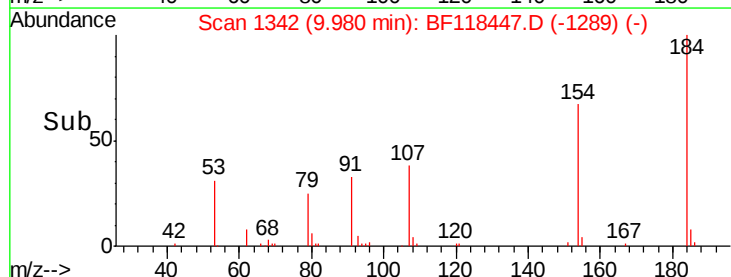
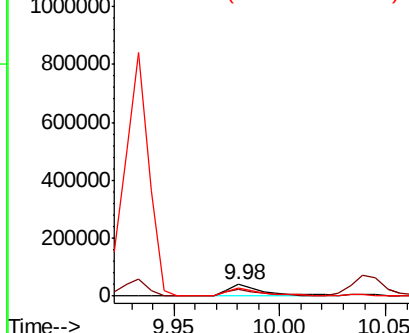


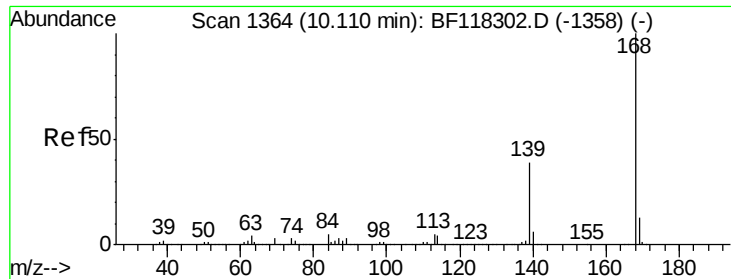
#54
2,4-Dinitrophenol
Concen: 26.396 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.4	48.8	73.2
154	68.0	55.0	82.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





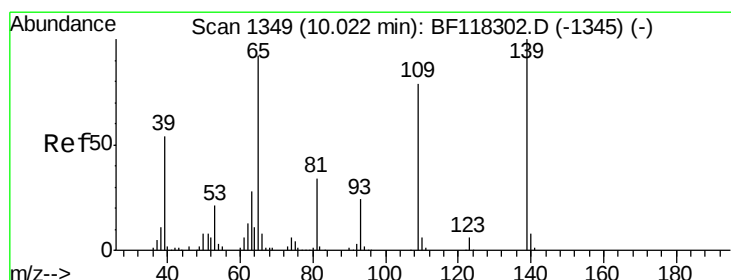
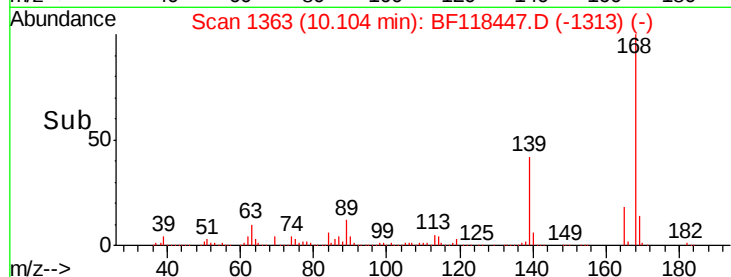
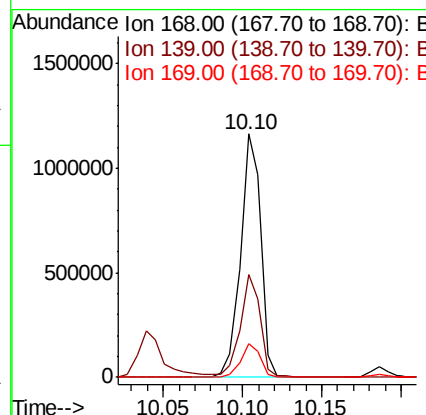
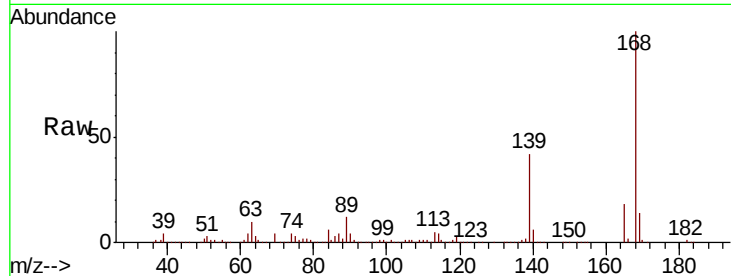
#55
Dibenzofuran
Concen: 45.920 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	31.5	47.3
169	13.7	10.4	15.6

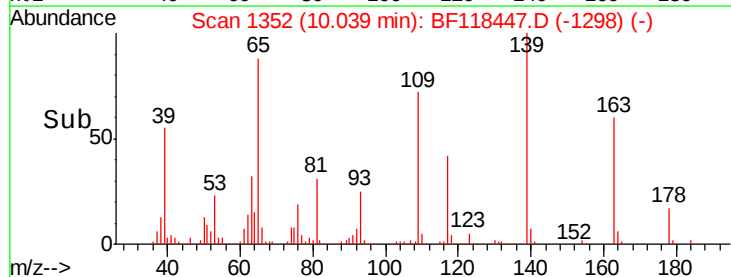
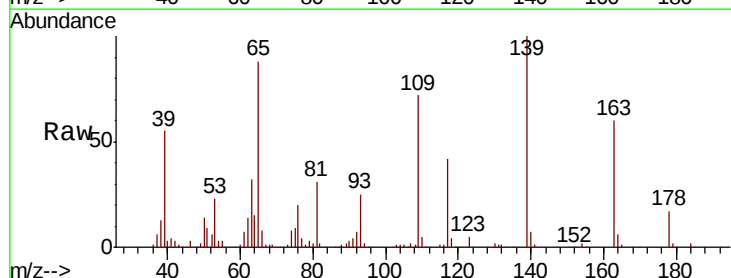
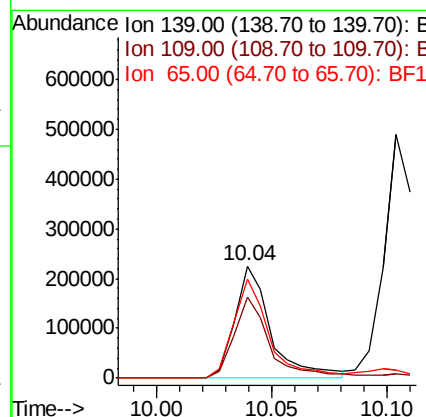
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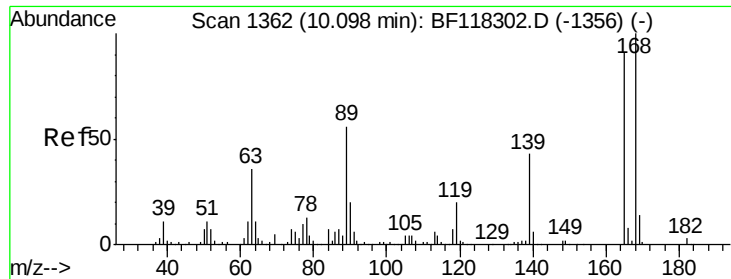
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#56
4-Nitrophenol
Concen: 79.412 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	59.3	99.3
65	88.2	72.4	112.4





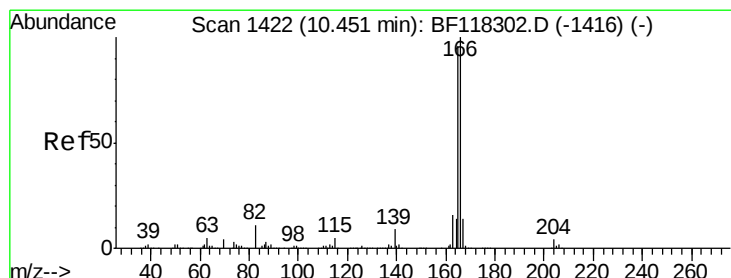
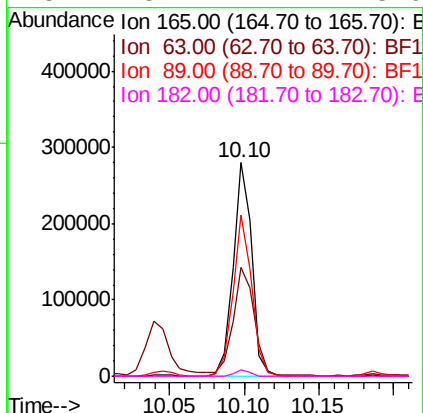
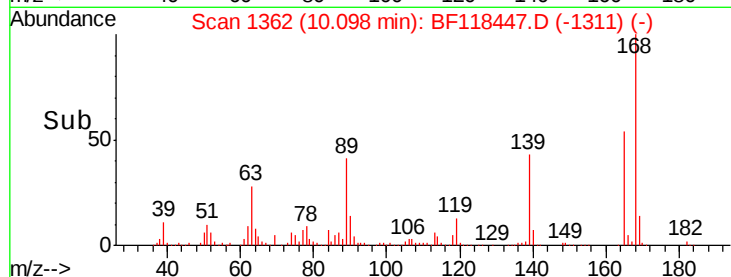
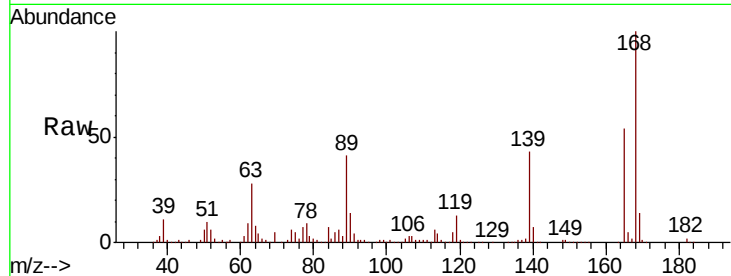
#57
2,4-Dinitrotoluene
Concen: 43.244 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	246217		
63	50.8	32.0	48.0#	
89	75.7	49.3	73.9#	
182	3.2	2.4	3.6	

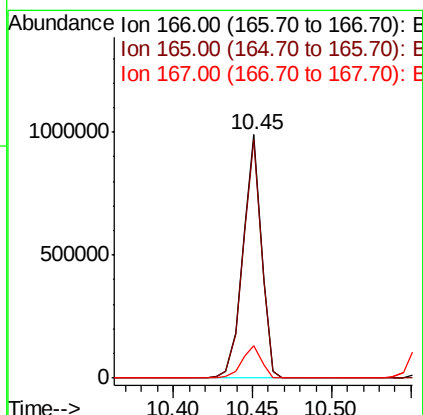
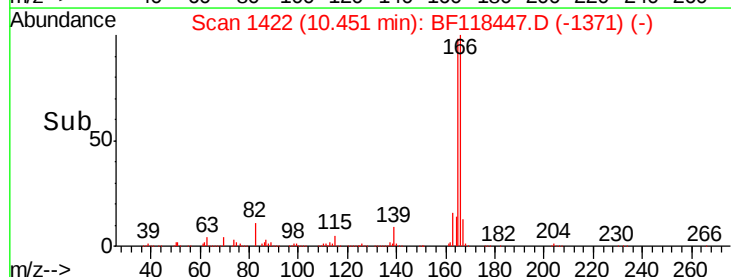
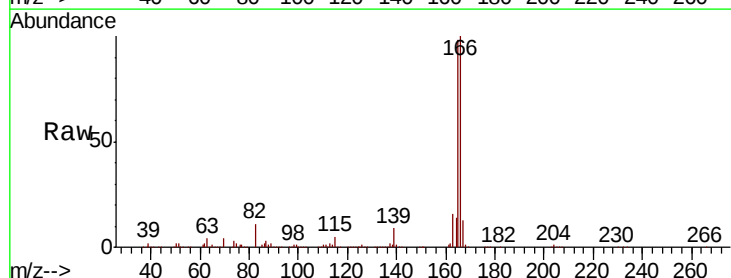
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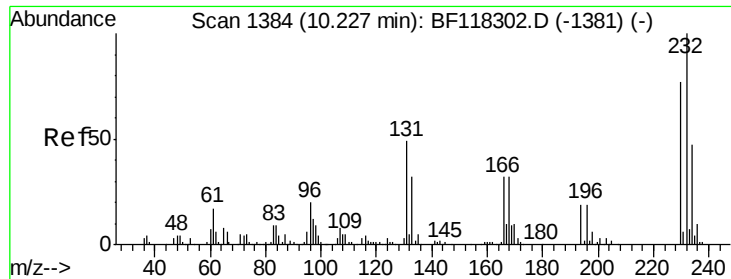
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#58
Fluorene
Concen: 43.947 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	793729		
165	97.8	77.0	115.4	
167	13.4	10.9	16.3	





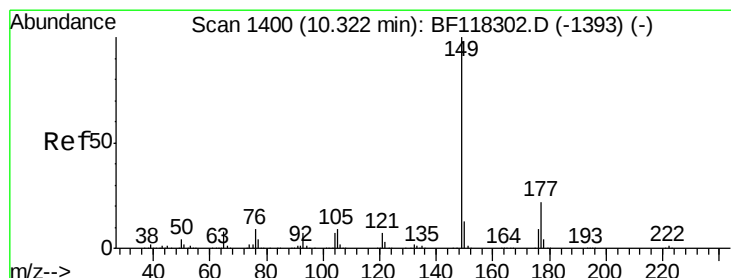
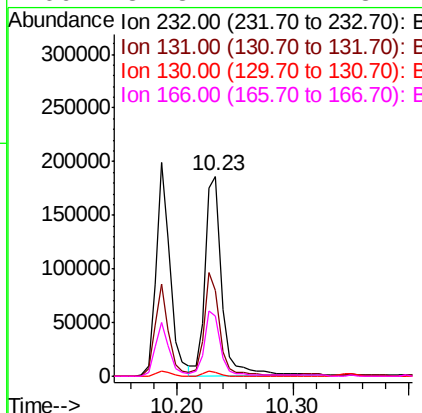
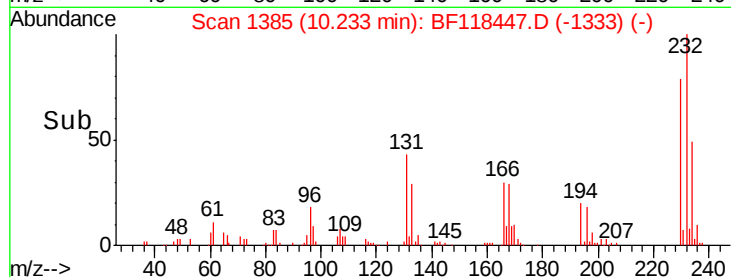
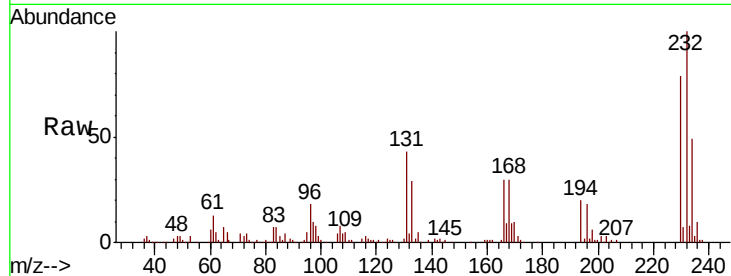
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.941 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.7	56.5
130	2.6	2.0	3.0
166	31.3	24.7	37.1

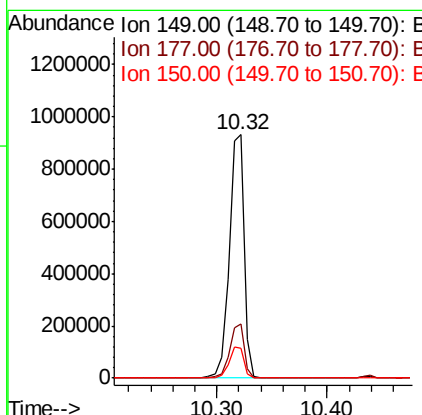
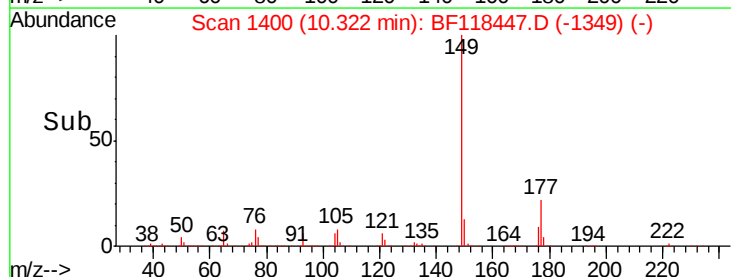
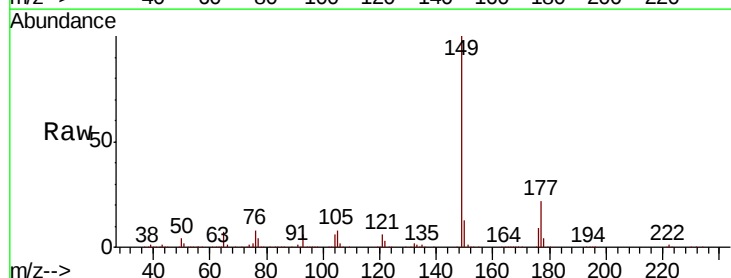
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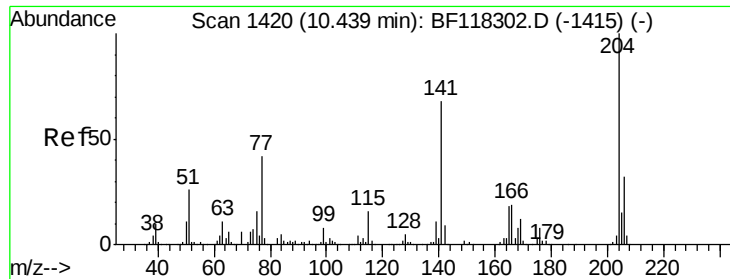
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#60
 Diethylphthalate
 Concen: 45.014 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	12.5	10.2	15.2





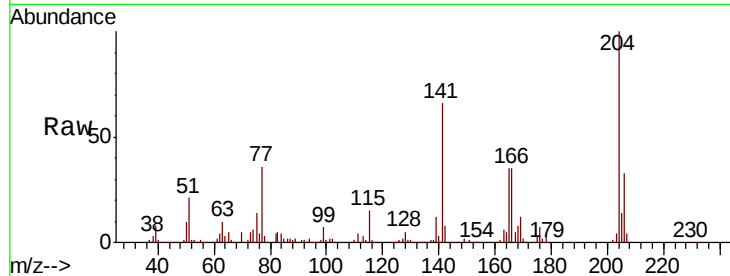
#61
4-Chlorophenyl-phenylether
Concen: 43.895 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	65.7	54.2	81.4

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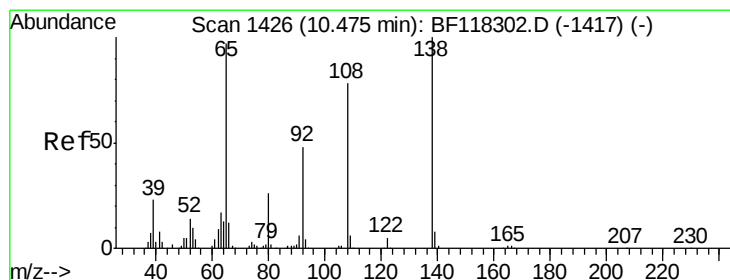
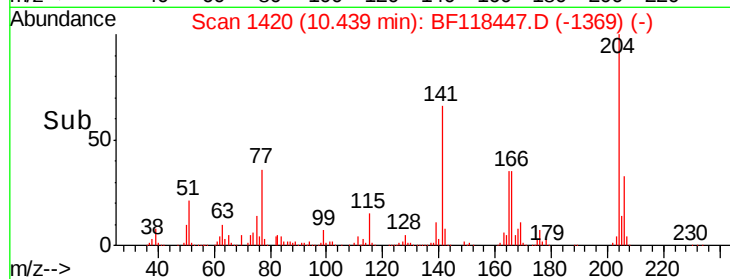
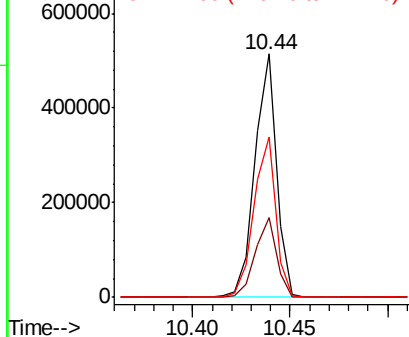


Abundance

Ion 204.00 (203.70 to 204.70): E

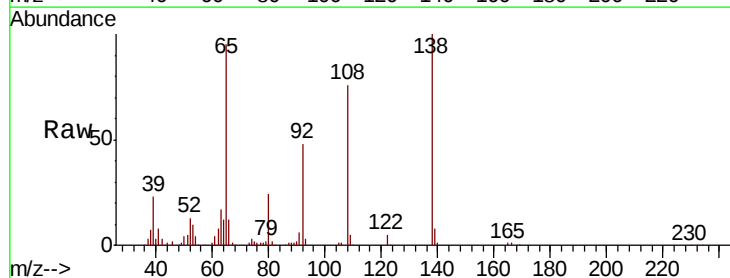
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.896 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	27.9	67.9
108	75.8	58.1	98.1

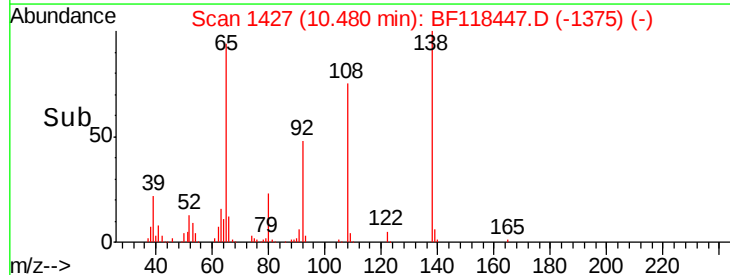
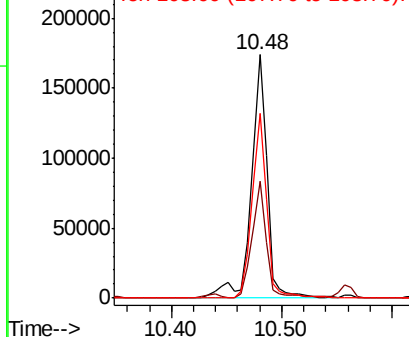


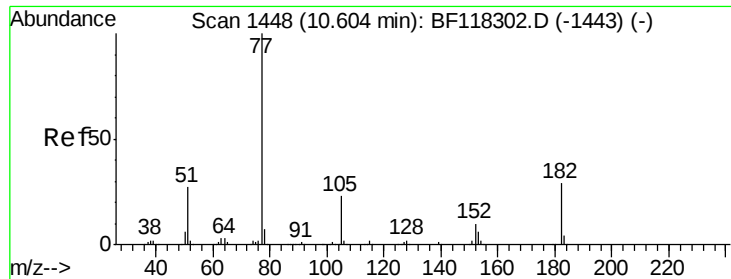
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





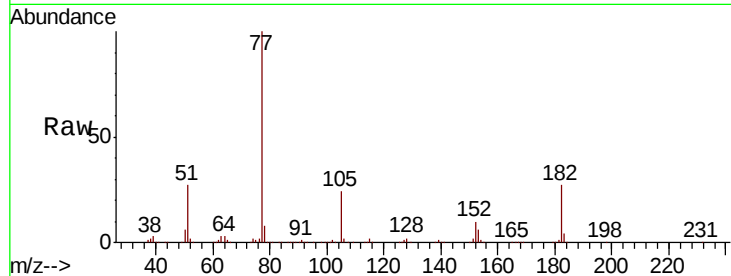
#63
Azobenzene
Concen: 44.019 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

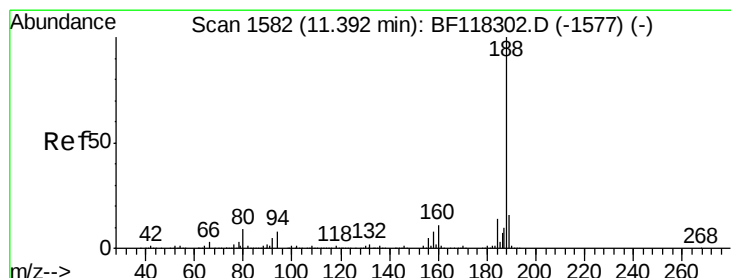
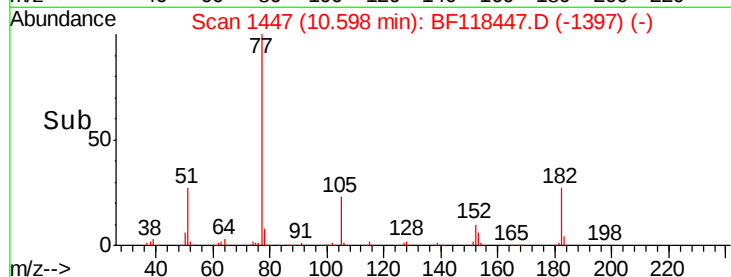
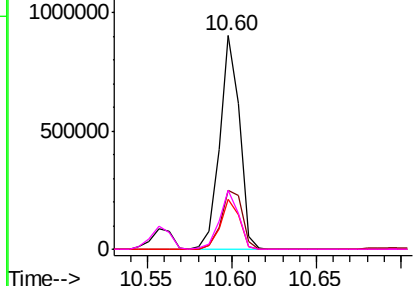
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	9.2	49.2	
105	23.5	3.2	43.2	
51	27.4	7.1	47.1	

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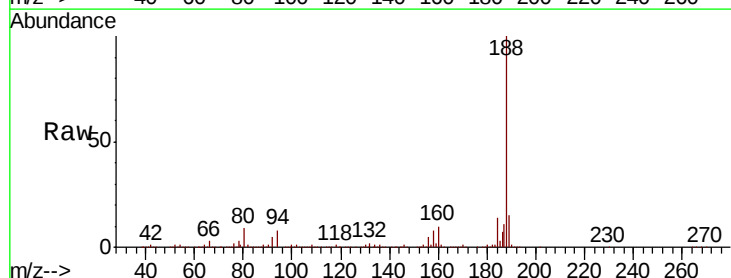


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

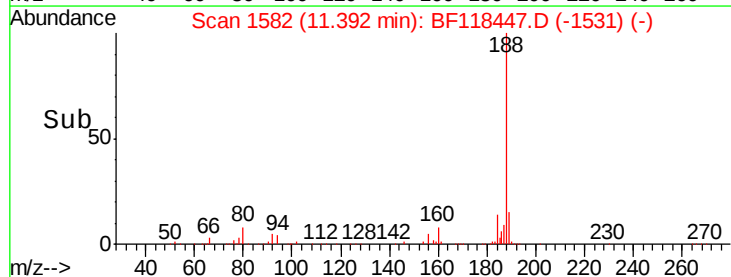
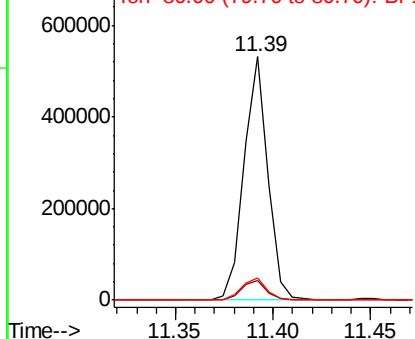


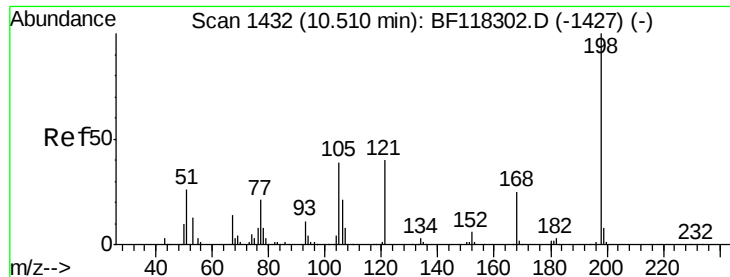
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	6.7	10.1	
80	8.9	7.2	10.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 20.693 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:198 Resp: 50039

Ion Ratio Lower Upper

198 100

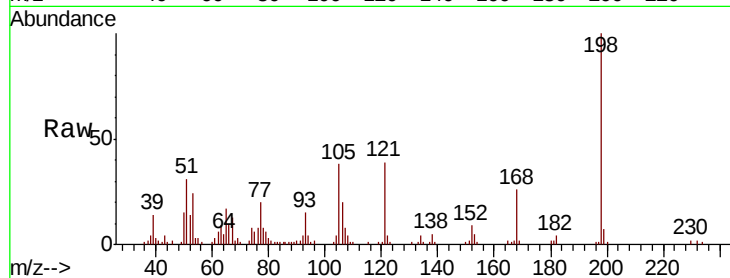
51 31.0 12.8 52.8

105 37.9 20.3 60.3

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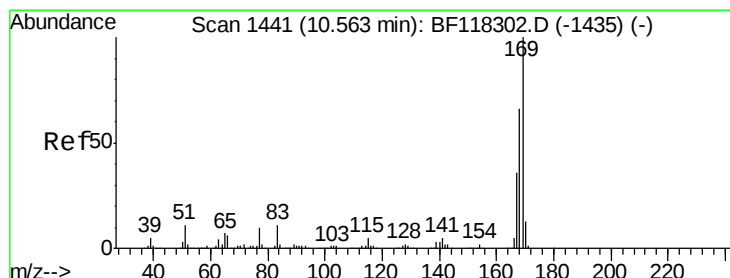
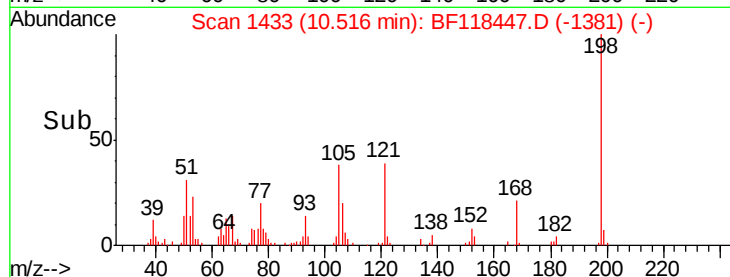
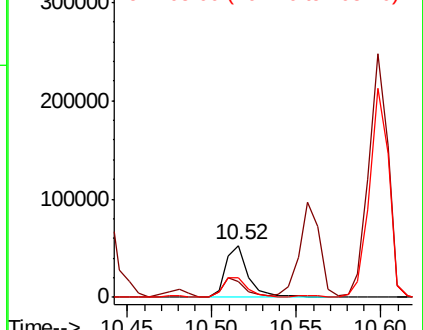
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.147 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

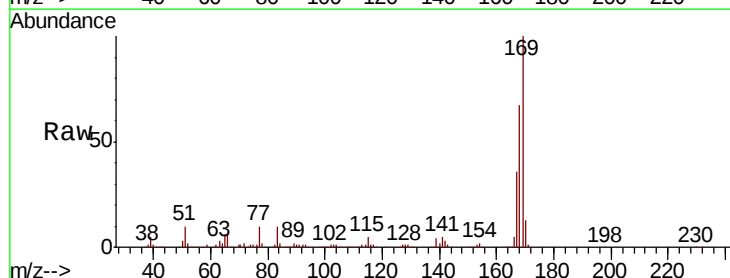
Tgt Ion:169 Resp: 706053

Ion Ratio Lower Upper

169 100

168 67.2 52.6 79.0

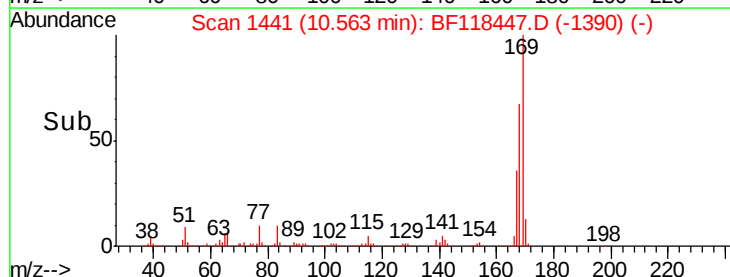
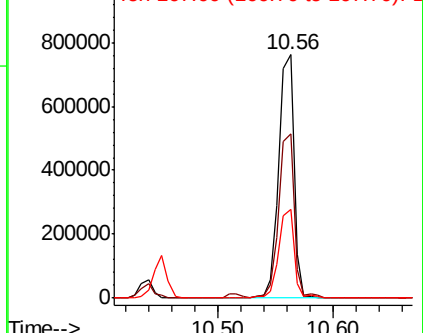
167 36.2 28.4 42.6

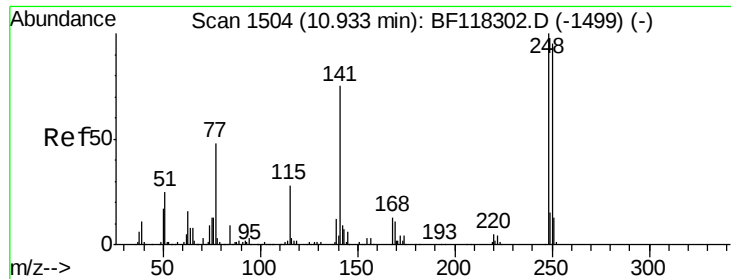


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





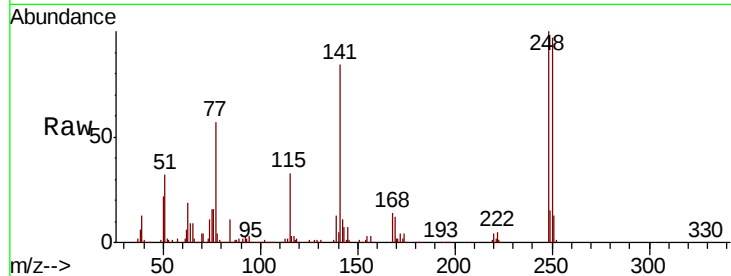
#67
4-Bromophenyl-phenylether
Concen: 46.252 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.4	114.6
141	84.3	60.2	90.2

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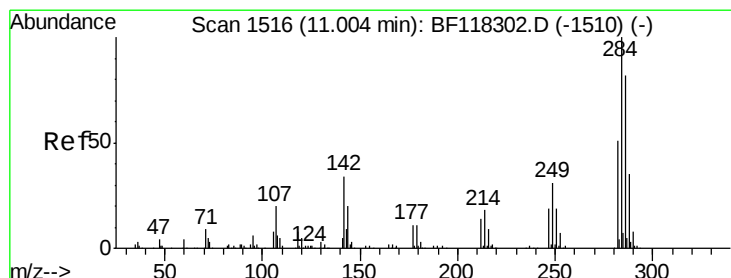
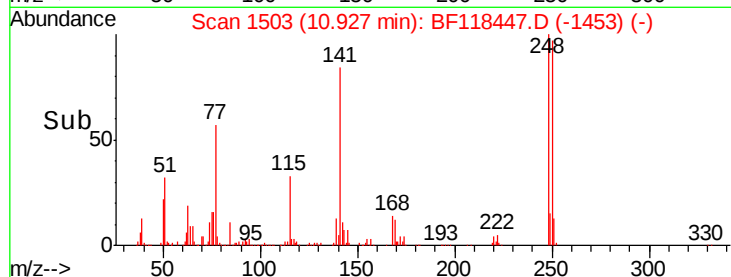
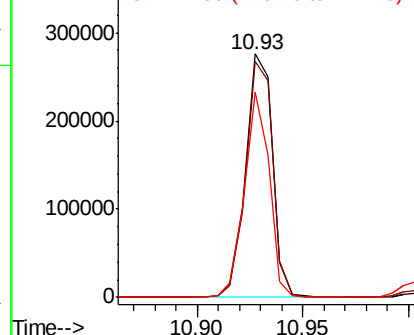


Abundance

Ion 248.00 (247.70 to 248.70): E

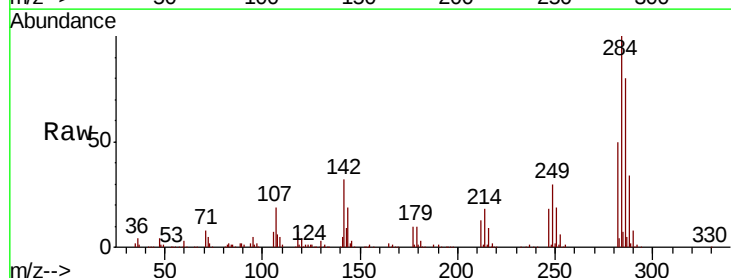
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.712 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	27.3	40.9
249	29.9	25.0	37.6

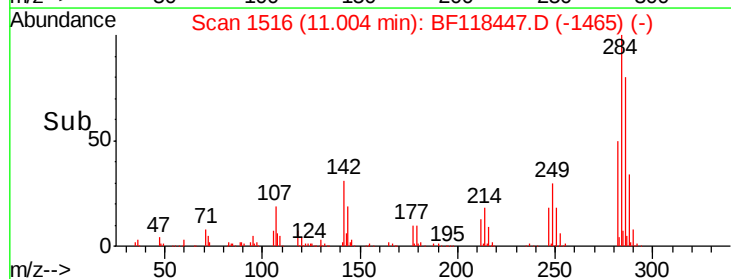
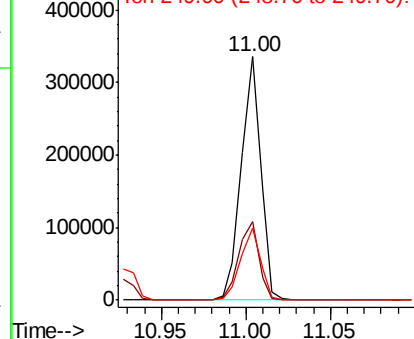


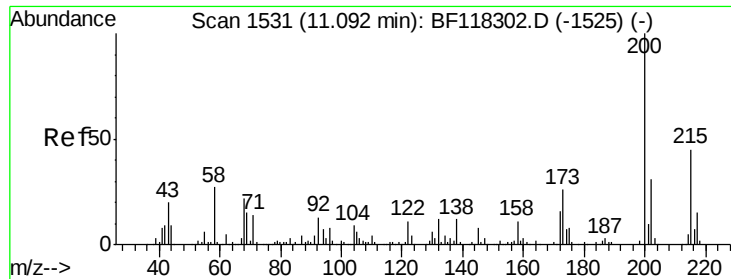
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





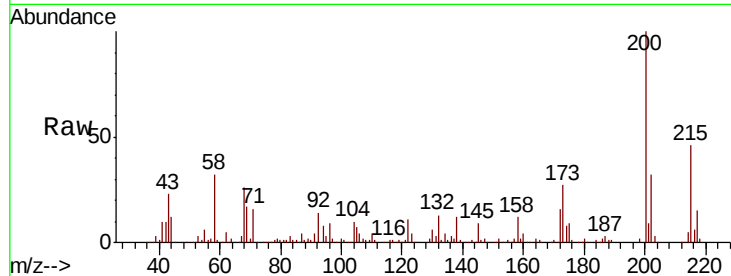
#69
Atrazine
Concen: 52.237 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

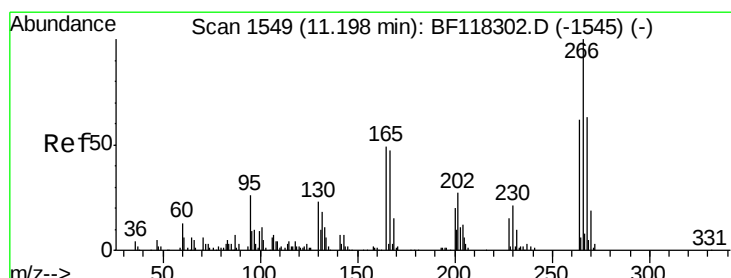
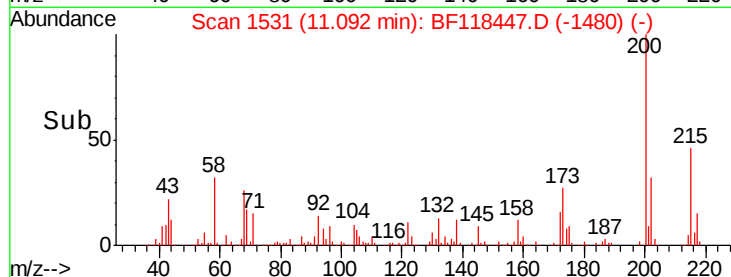
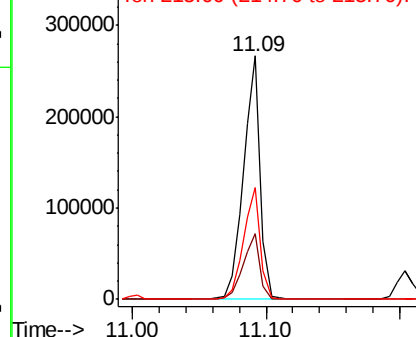
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.9	5.8	45.8
215	45.8	25.1	65.1

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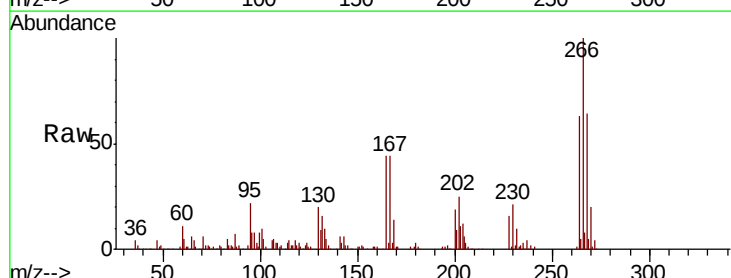


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

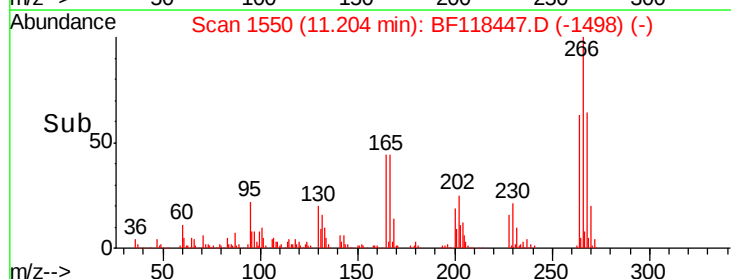
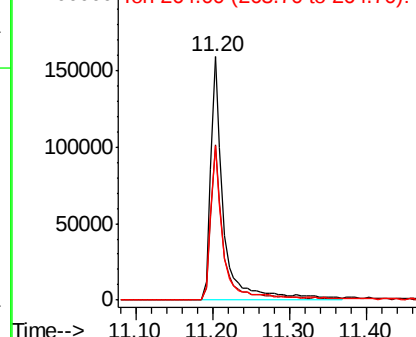


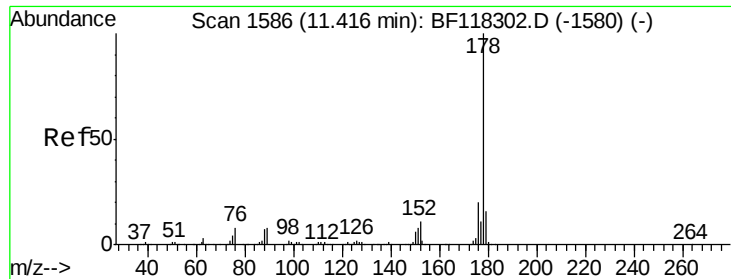
#70
Pentachlorophenol
Concen: 70.184 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.9	50.6	76.0
264	63.4	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





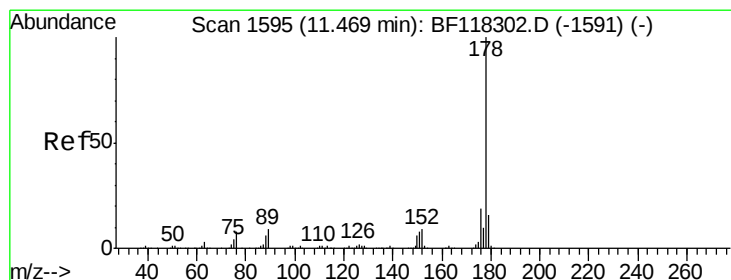
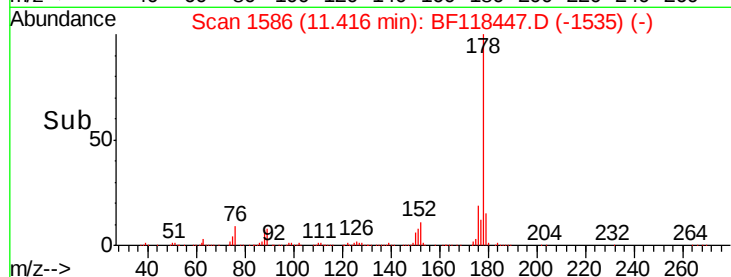
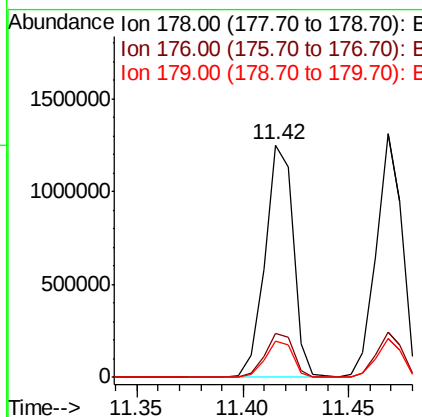
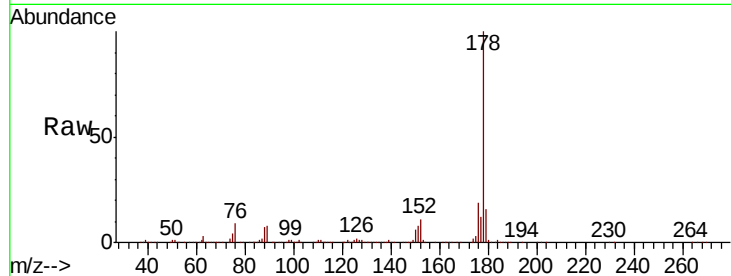
#71
Phenanthrene
Concen: 47.702 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion:178 Resp: 1165645
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.8 12.6 19.0

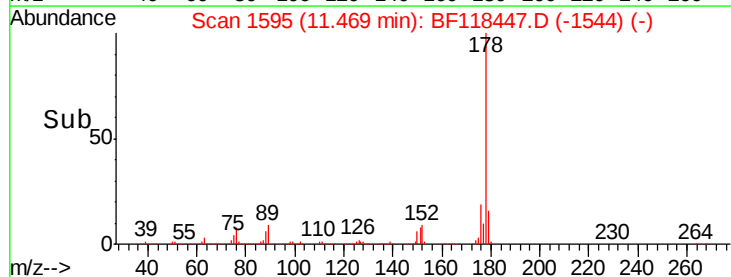
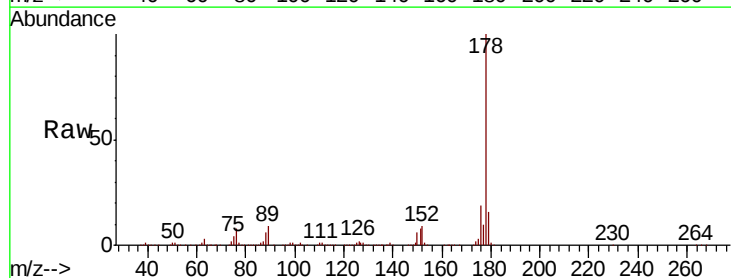
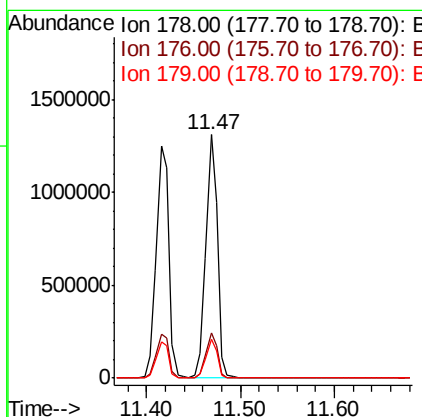
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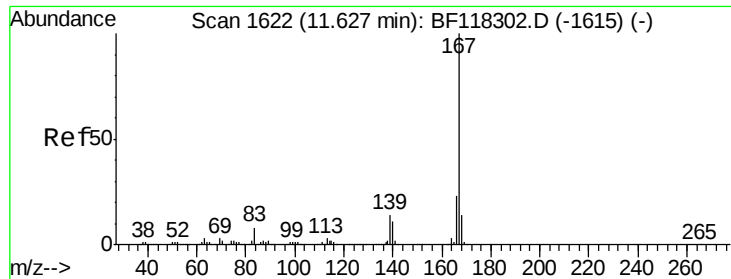
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#72
Anthracene
Concen: 46.343 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion:178 Resp: 1133512
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.8 12.9 19.3





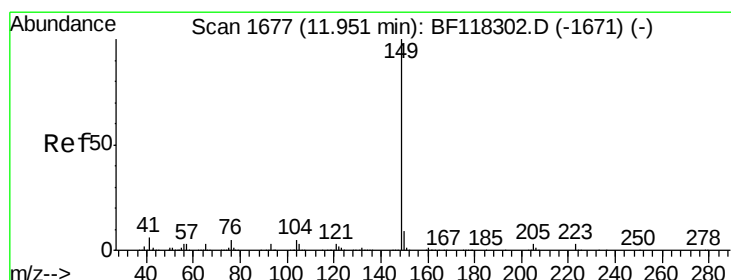
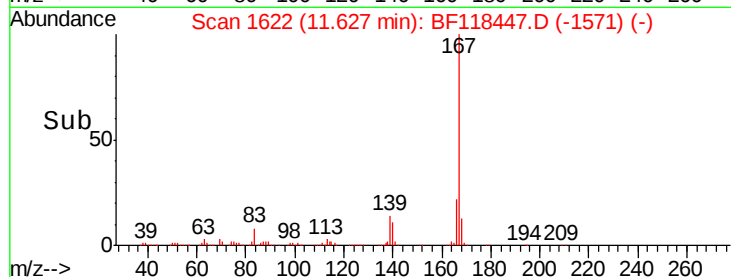
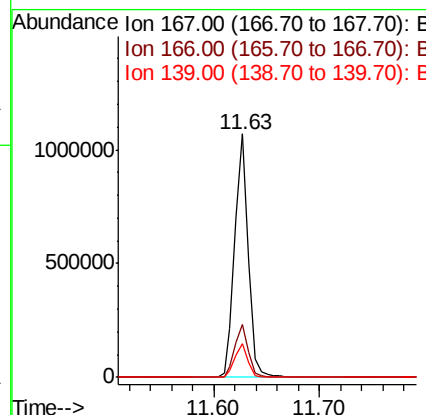
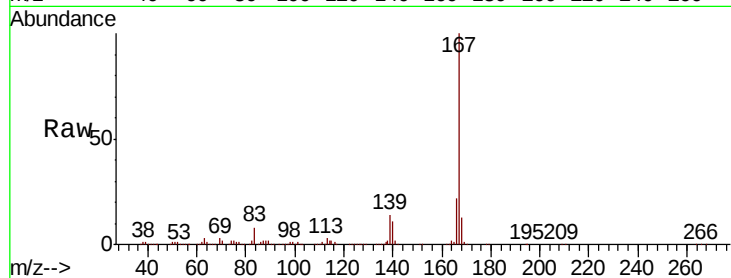
#73
 Carbazole
 Concen: 43.245 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MSD

Tot Ion:	167	Resp:	938563
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.1	27.1
139	13.9	11.5	17.3

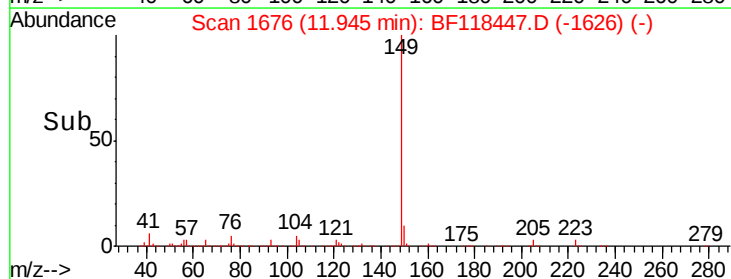
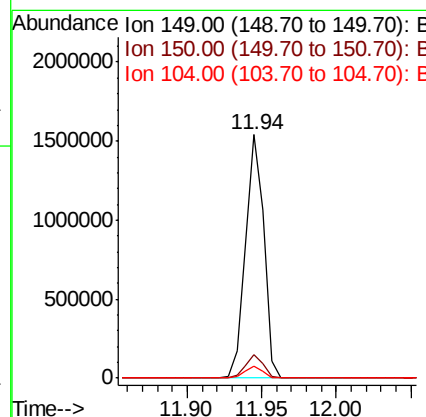
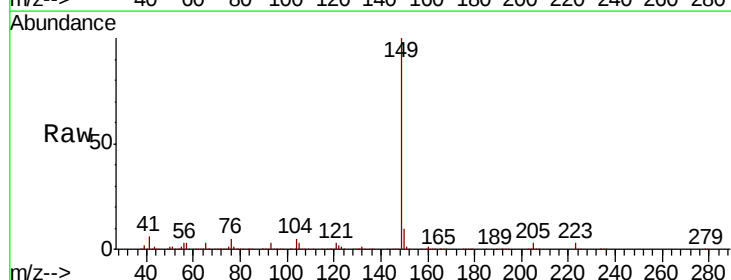
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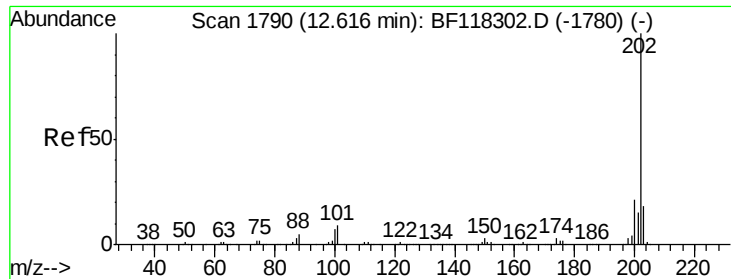
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#74
 Di-n-butylphthalate
 Concen: 47.592 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Tgt Ion:	149	Resp:	1309694
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 44.468 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

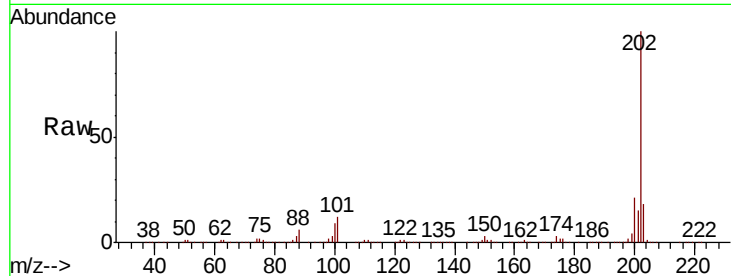
ClientSampleId :

GP-9-(8-10)MSD

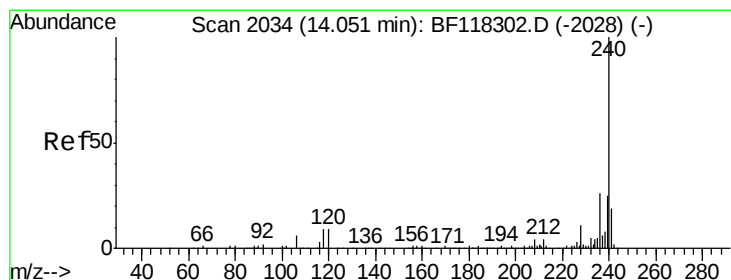
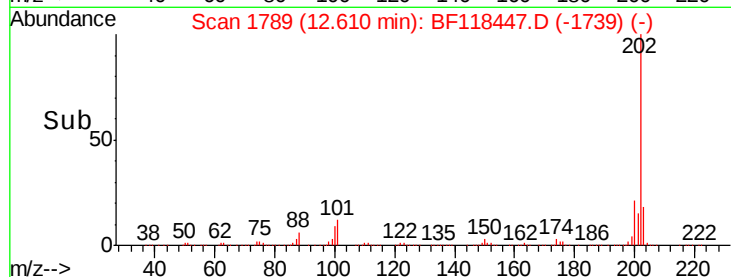
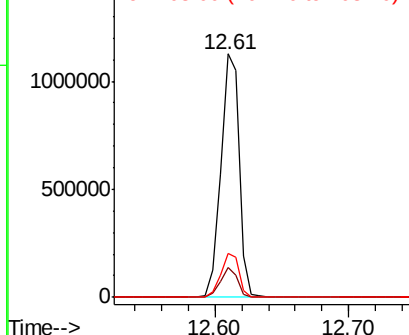
Tot Ion:	202	Resp:	1096649
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	29.5
203	17.9	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

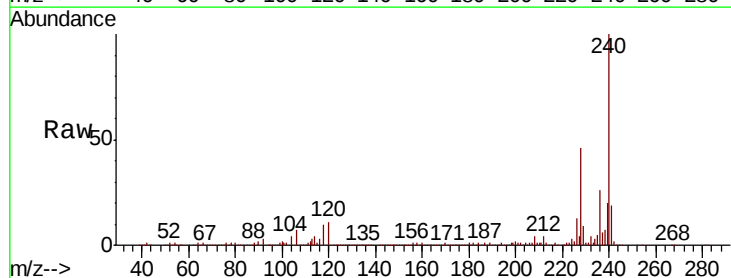
RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

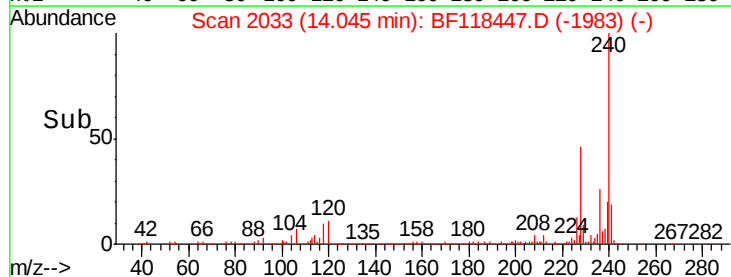
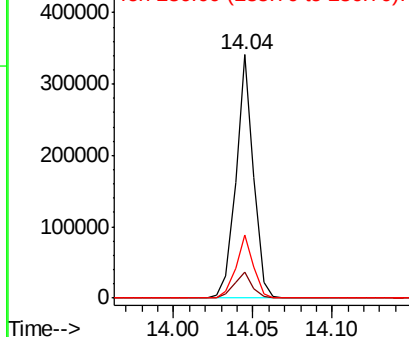
Lab File: BF118447.D

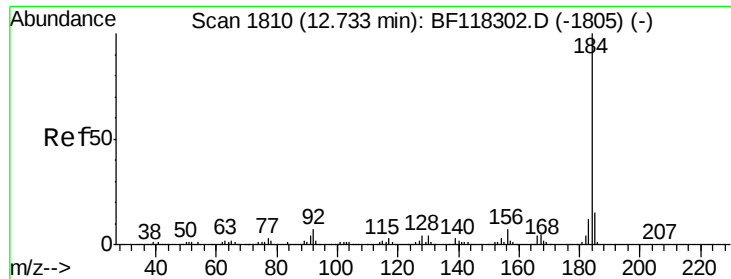
Acq: 2 Jan 2020 20:43

Tgt Ion:	240	Resp:	259942
Ion Ratio	Lower	Upper	
240	100		
120	10.8	7.1	10.7#
236	26.0	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.470 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

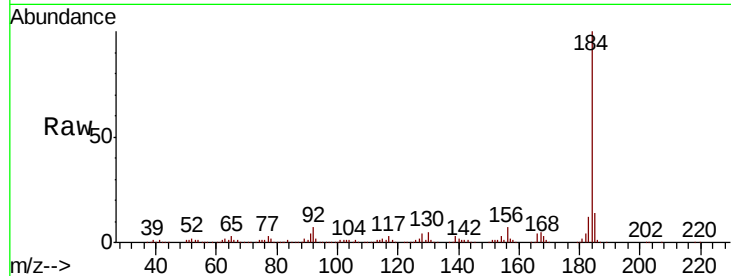
ClientSampleId :

GP-9-(8-10)MSD

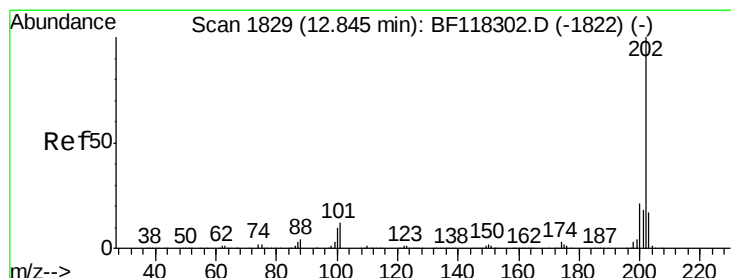
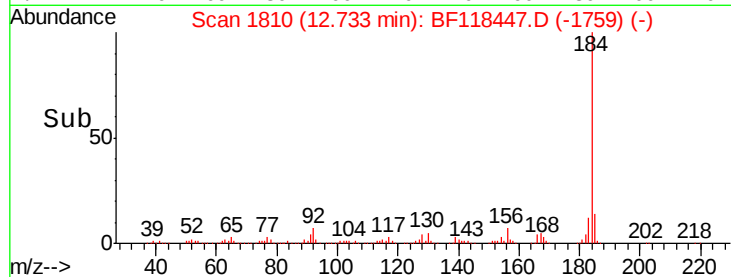
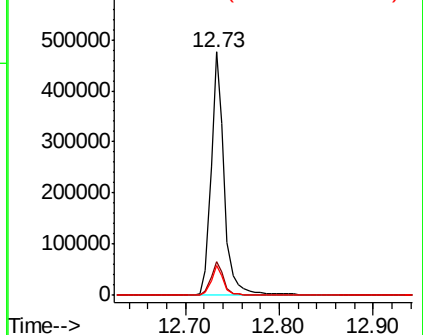
Tot Ion:	184	Resp:	473440
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.3	18.5
183	12.3	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.305 ng

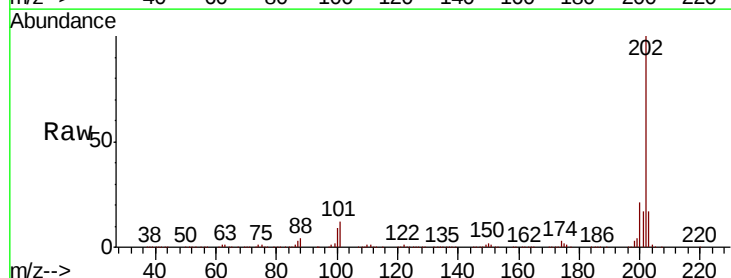
RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

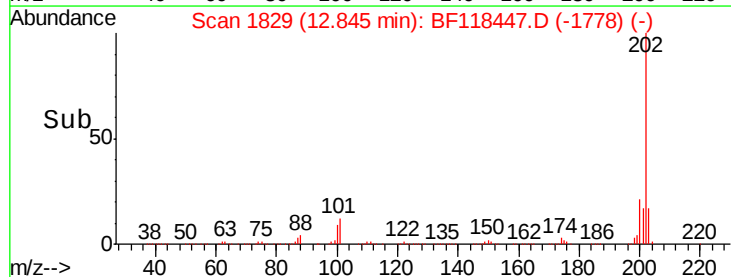
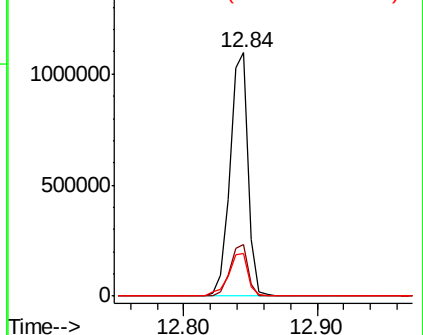
Lab File: BF118447.D

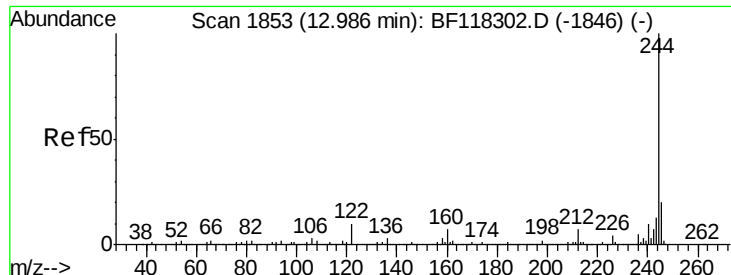
Acq: 2 Jan 2020 20:43

Tgt Ion:	202	Resp:	1046605
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	17.4	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





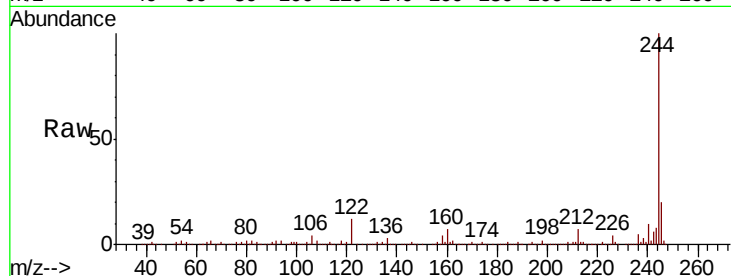
#79
 Terphenyl-d14
 Concen: 58.765 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MSD

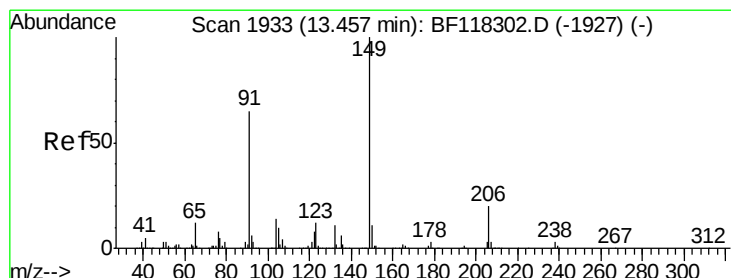
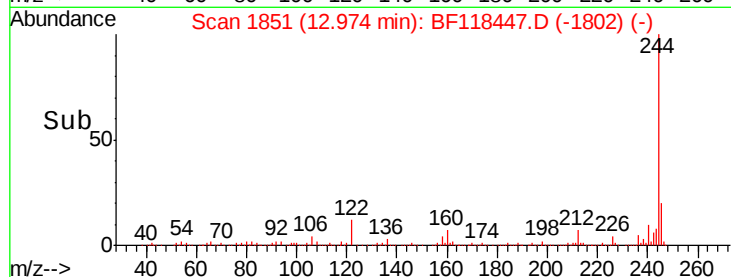
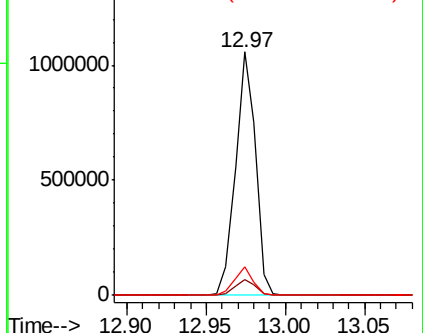
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.9	7.8	11.8

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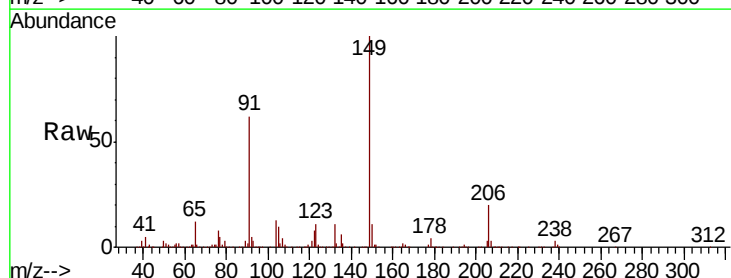


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

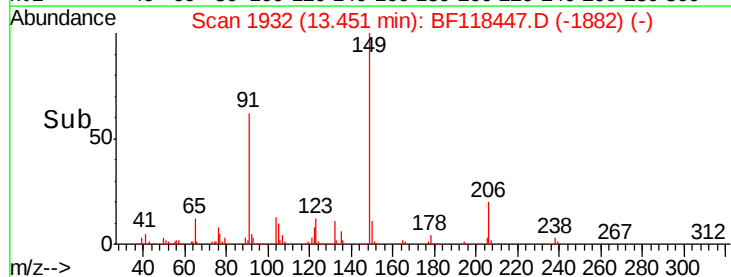
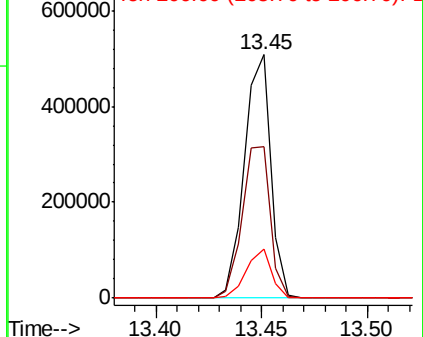


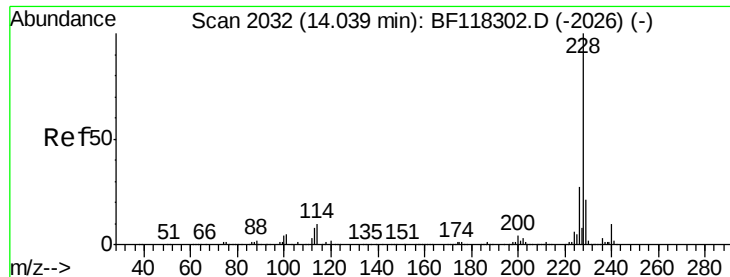
#80
 Butylbenzylphthalate
 Concen: 46.354 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.0	51.8	77.6
206	20.4	15.7	23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





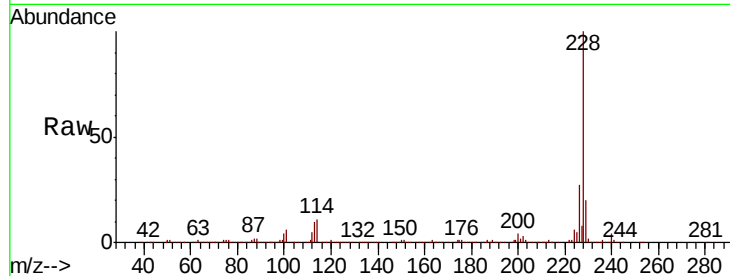
#81
Benzo(a)anthracene
Concen: 47.841 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.0	33.0
229	19.7	16.6	24.8

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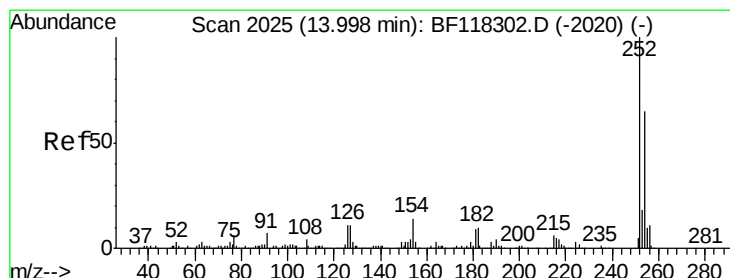
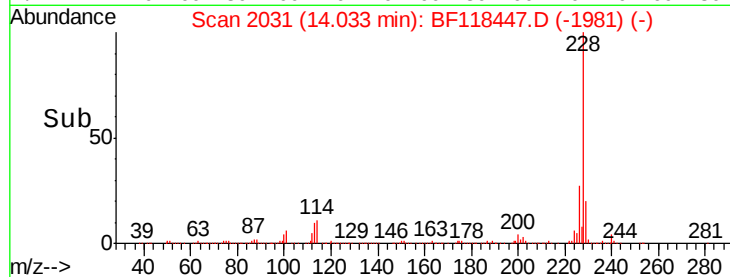
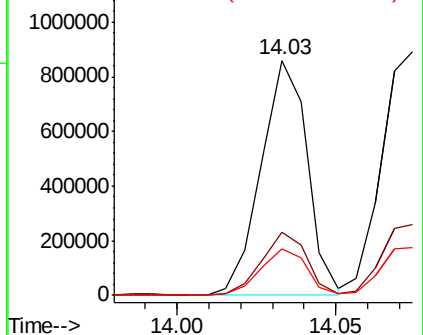


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 47.715 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

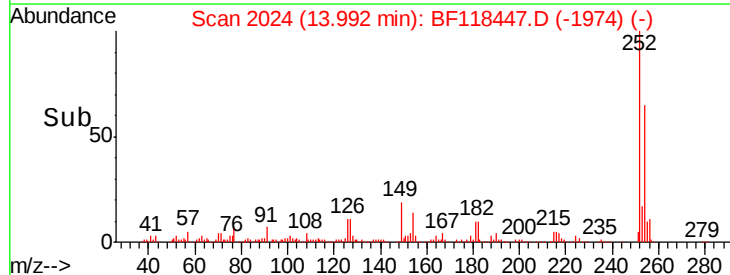
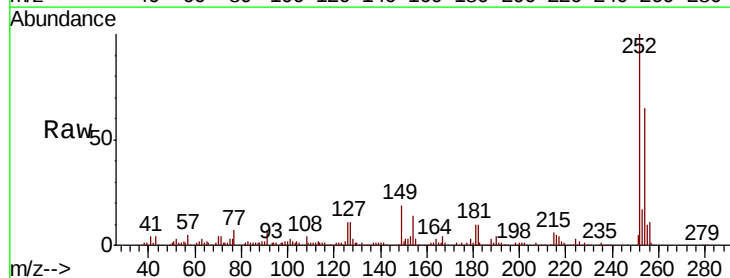
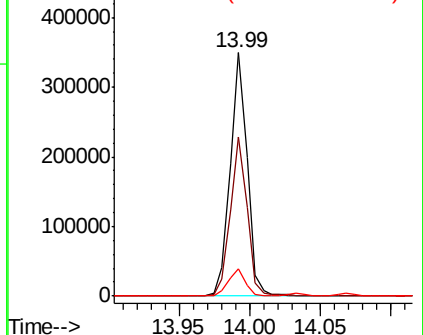
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.8
126	11.4	8.7	13.1

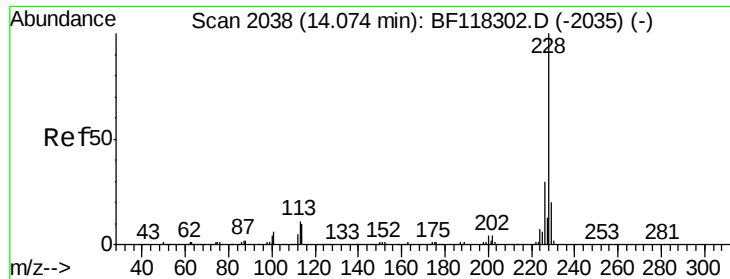
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





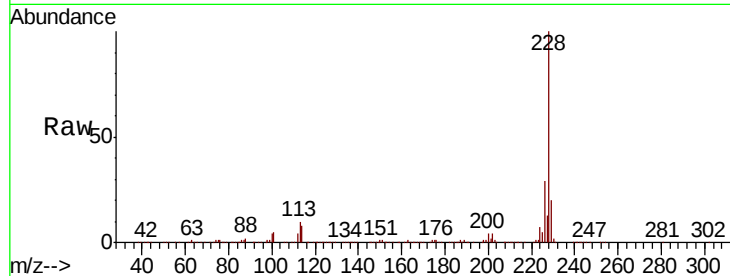
#83
Chrysene
Concen: 46.827 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

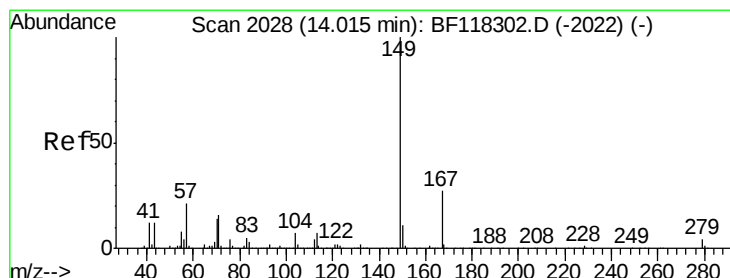
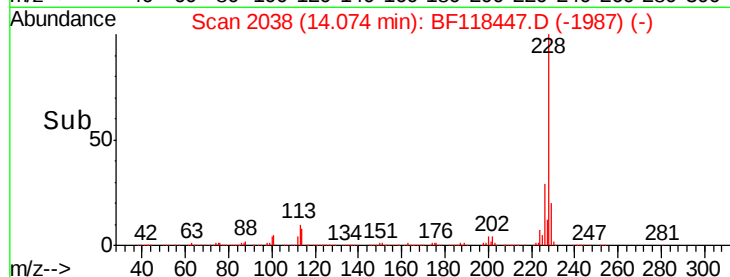
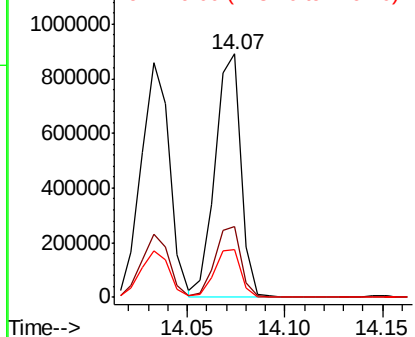
Tot Ion:	228	Resp:	815827
Ion Ratio		Lower	Upper
228	100		
226	28.9	23.9	35.9
229	19.6	16.1	24.1

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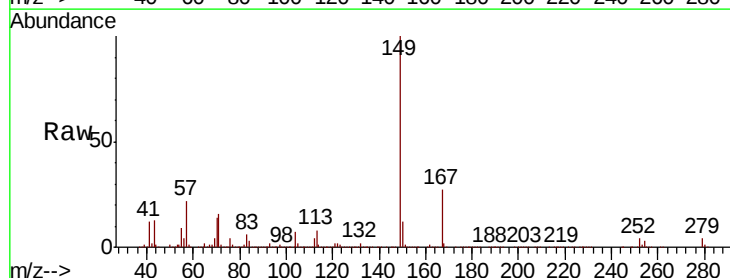


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

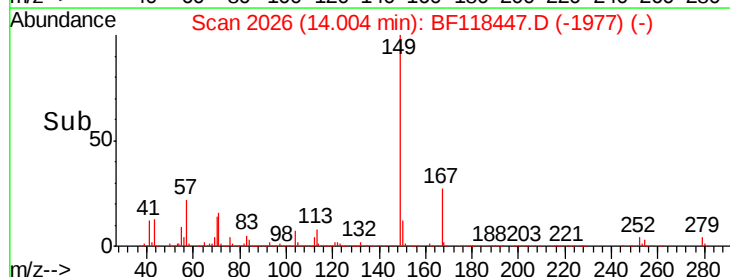
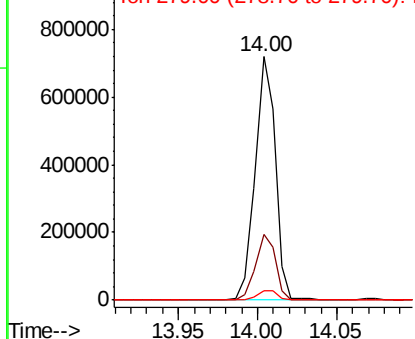


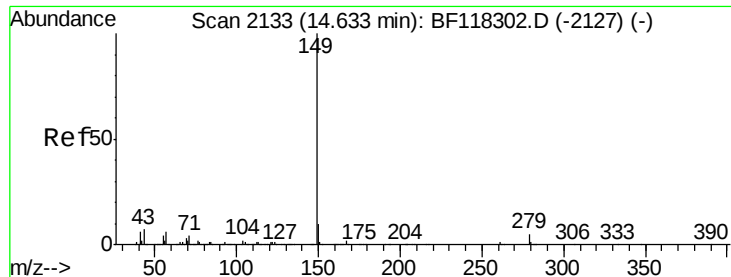
#84
Bis(2-ethylhexyl)phthalate
Concen: 50.605 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion:	149	Resp:	635987
Ion Ratio		Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.8	3.4	5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.225 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

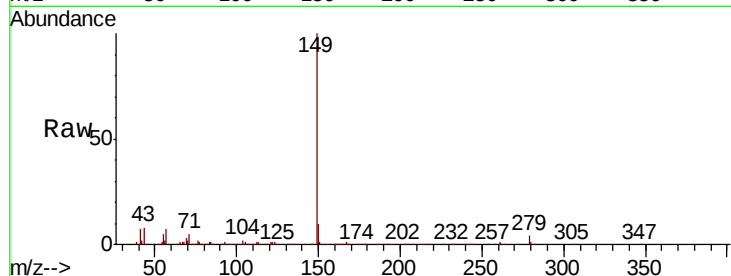
ClientSampleId :

GP-9-(8-10)MSD

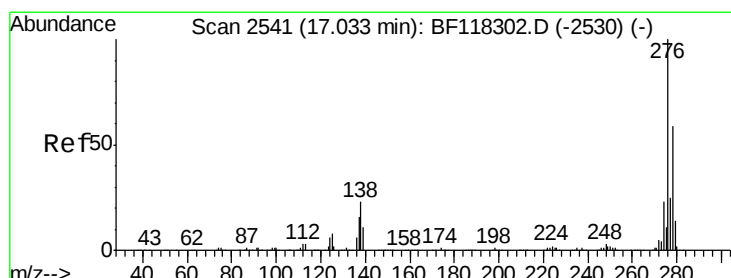
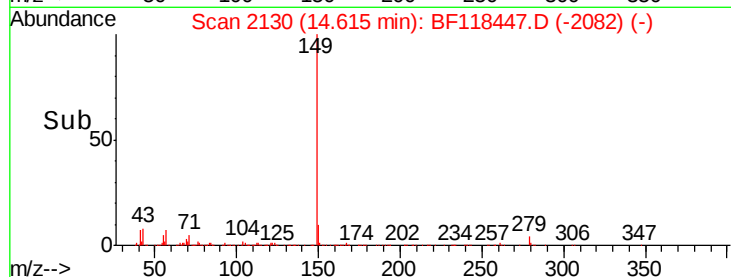
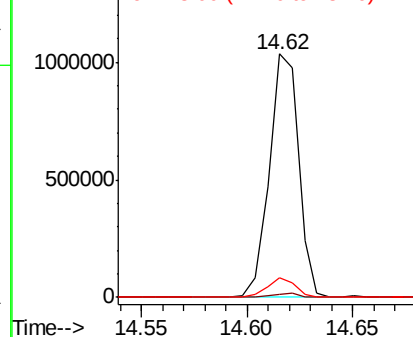
Tot Ion:	149	Resp:	1002446
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.3	6.1	9.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.359 ng

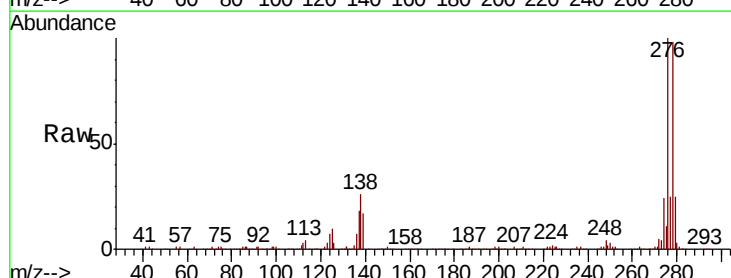
RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

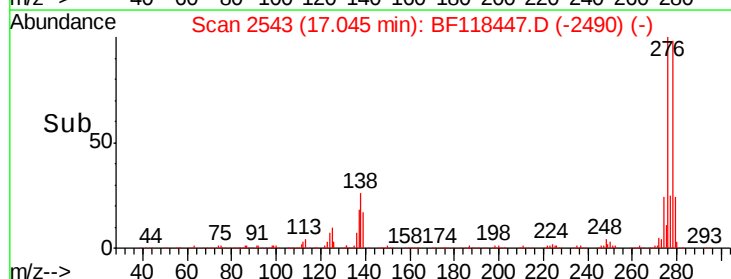
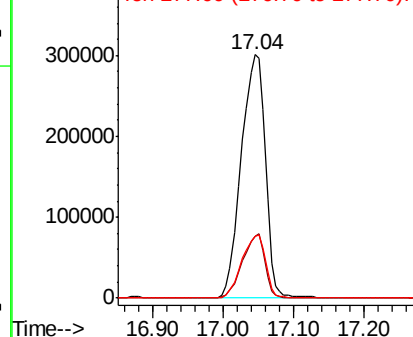
Lab File: BF118447.D

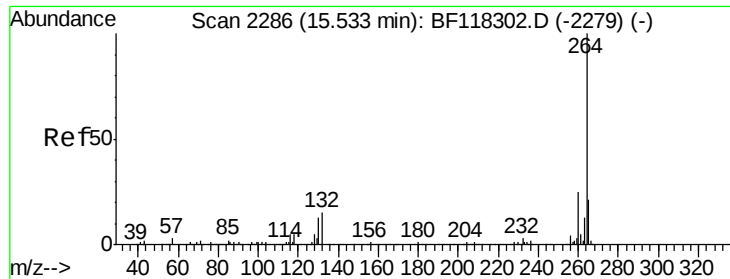
Acq: 2 Jan 2020 20:43

Tgt Ion:	276	Resp:	717879
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.5	29.3
277	25.2	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





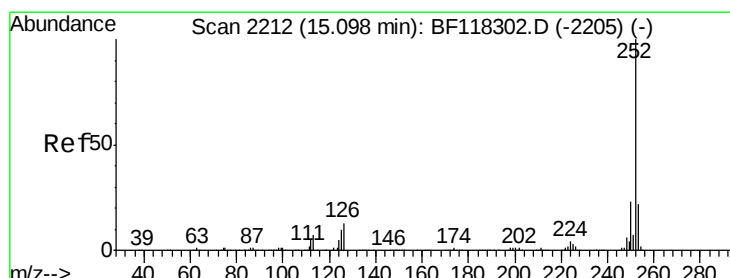
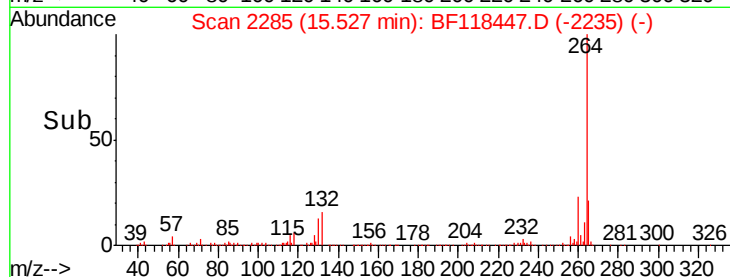
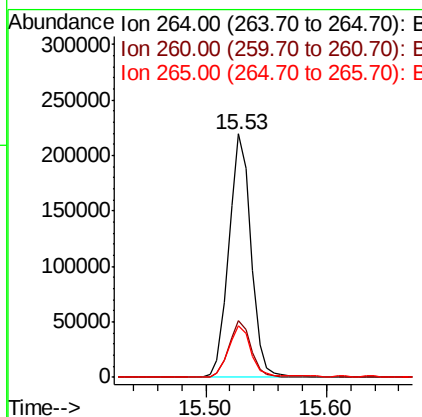
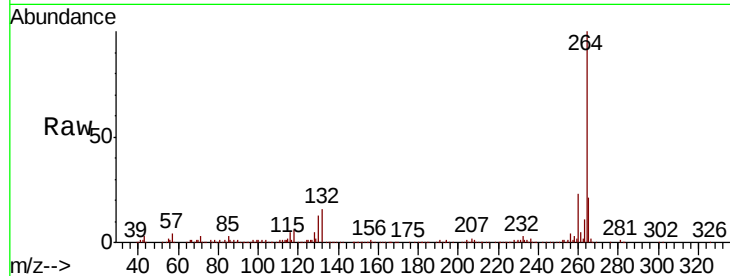
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.6
265	21.3	17.0	25.4

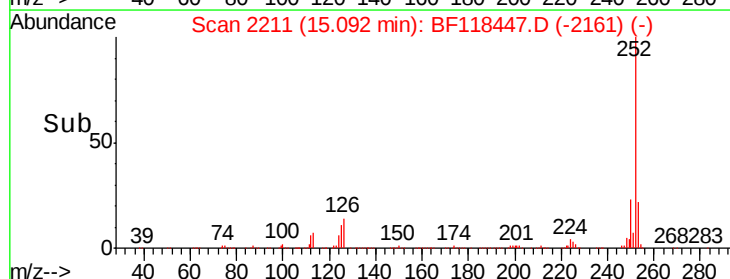
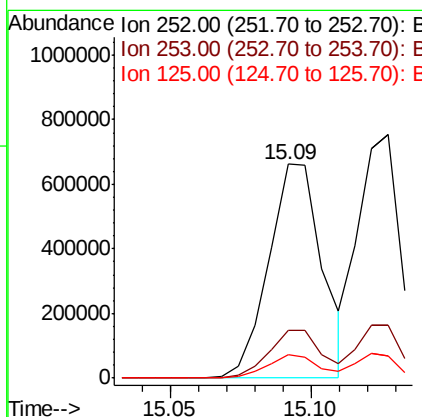
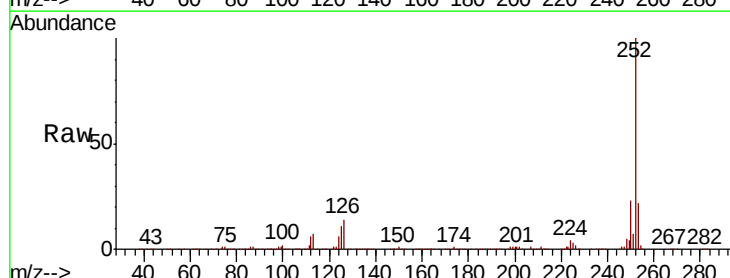
Manual Integrations
APPROVED

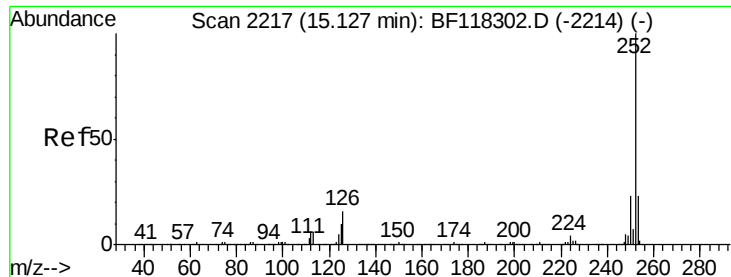
mohammad
1/3/2020 11:04:36 AM



#88
Benzo(b)fluoranthene
Concen: 46.987 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.0	7.7	11.5





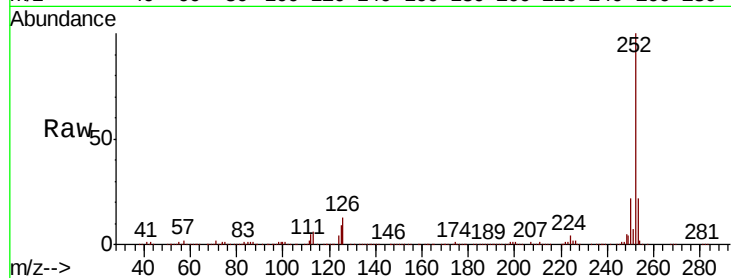
#89
Benzo(k)fluoranthene
Concen: 43.541 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	8.9	8.0	12.0

Manual Integrations
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1/3/2020 11:04:36 AM

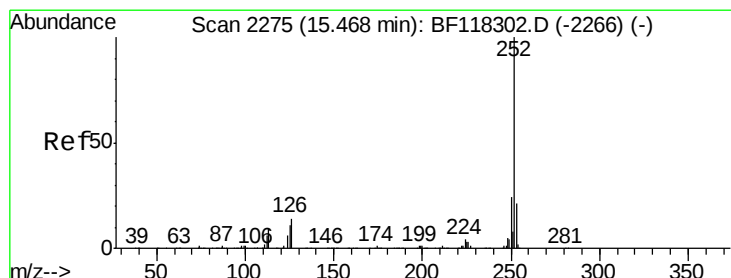
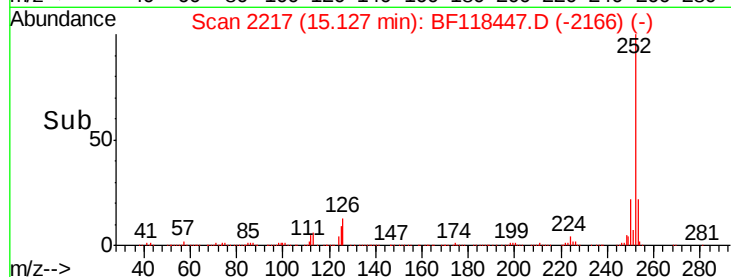
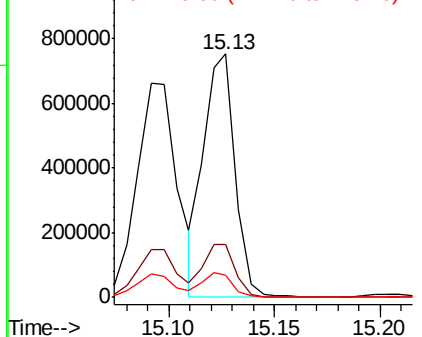


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 45.562 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

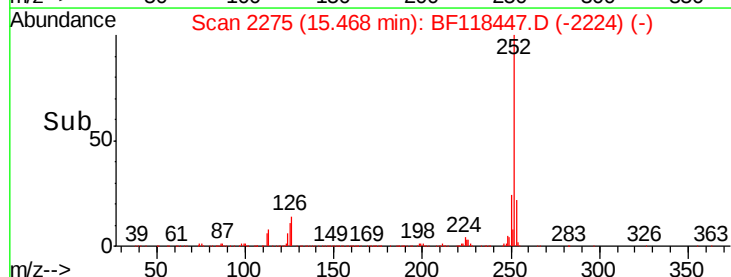
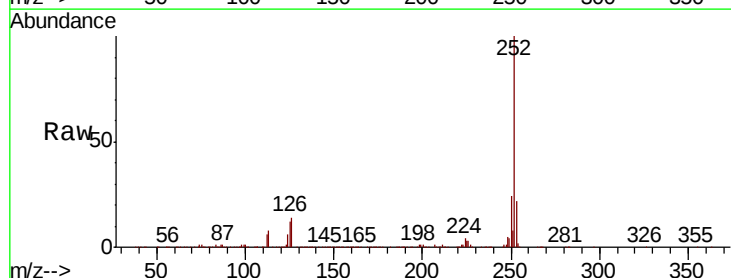
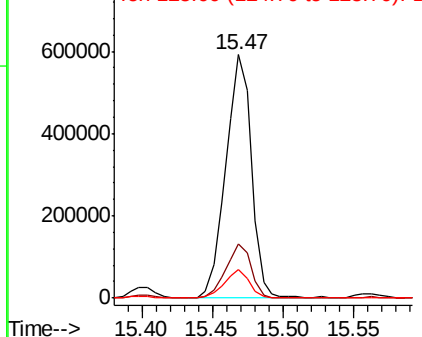
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.5	9.0	13.4

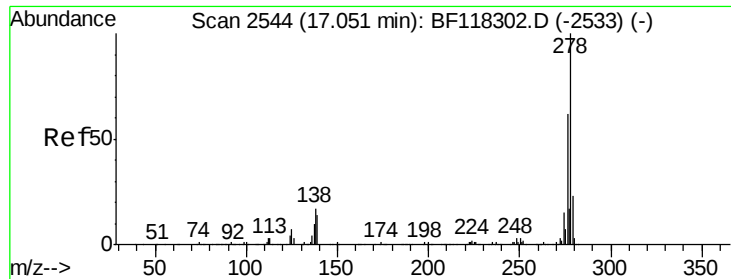
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





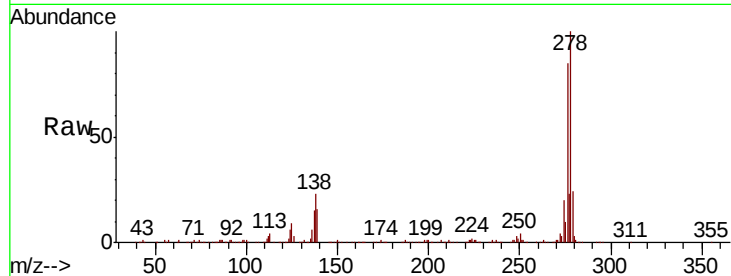
#91
Dibenzo(a,h)anthracene
Concen: 42.440 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	23.7	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:36 AM

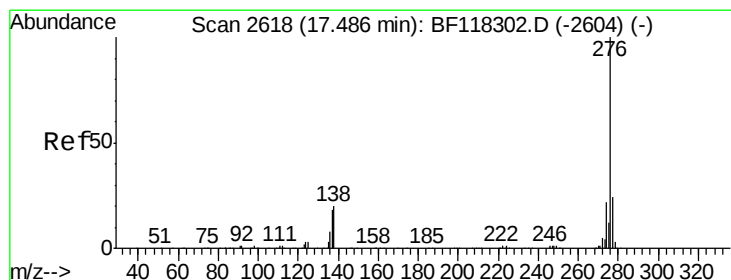
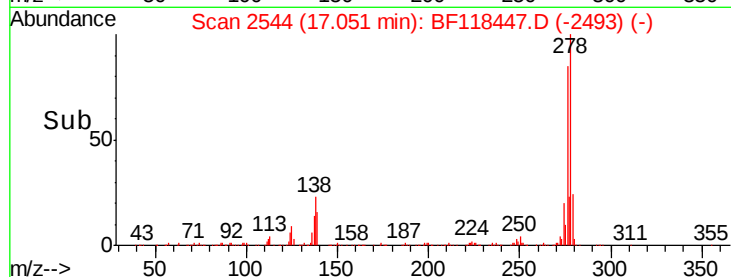
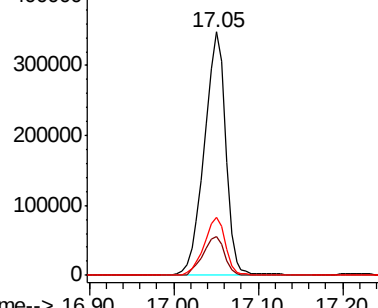


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.745 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.1	28.7
138	20.0	16.1	24.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

