

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118407.D
 Acq On : 31 Dec 2019 16:05
 Operator : JU
 Sample : K6465-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 1/2/2020 11:49:54 AM

Quant Time: Jan 01 01:17:46 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	96511	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	382752	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	203972	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	393430	20.00	ng	0.00
76) Chrysene-d12	14.06	240	237430	20.00	ng	0.00
87) Perylene-d12	15.55	264	224058	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	552498	97.72	ng	0.02
7) Phenol-d6	6.50	99	707833	100.92	ng	0.01
23) Nitrobenzene-d5	7.42	82	454514	67.92	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	259921	103.19	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	845022	63.24	ng	0.00
79) Terphenyl-d14	12.99	244	960844	67.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	74165	32.997	ng	95
3) Pyridine	3.42	79	203653	34.009	ng	97
4) n-Nitrosodimethylamine	3.38	42	118642	47.920	ng	# 79
6) Aniline	6.52	93	265466	29.807	ng	# 67
8) 2-Chlorophenol	6.65	128	304819	47.603	ng	98
9) Benzaldehyde	6.40	77	169653	41.257	ng	94
10) Phenol	6.51	94	344618	43.715	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	254957	45.223	ng	99
12) 1,3-Dichlorobenzene	6.79	146	335228	45.456	ng	98
13) 1,4-Dichlorobenzene	6.87	146	345114	46.072	ng	98
14) 1,2-Dichlorobenzene	7.02	146	312343	44.166	ng	99
15) Benzyl Alcohol	7.00	79	252166	47.220	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	257431	42.791	ng	73
17) 2-Methylphenol	7.12	107	233181	45.402	ng	# 93
18) Hexachloroethane	7.36	117	125215	45.546	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	202996	46.982	ng	95
20) 3+4-Methylphenols	7.27	107	311044	47.320	ng	94
22) Acetophenone	7.27	105	416862	44.438	ng	# 94
24) Nitrobenzene	7.44	77	311851	46.520	ng	98
25) Isophorone	7.68	82	535991	45.957	ng	99
26) 2-Nitrophenol	7.76	139	166493	46.890	ng	92
27) 2,4-Dimethylphenol	7.80	122	260415	53.754	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	323044	42.353	ng	99
29) 2,4-Dichlorophenol	8.00	162	253394	45.443	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	282152	43.438	ng	100
31) Naphthalene	8.16	128	905638	46.553	ng	99
32) Benzoic acid	7.95	122	145901	37.123	ng	95
33) 4-Chloroaniline	8.22	127	143785	17.241	ng	96
34) Hexachlorobutadiene	8.27	225	166834	43.148	ng	100
35) Caprolactam	8.60	113	78097m	44.862	ng	
36) 4-Chloro-3-methylphenol	8.71	107	265386	44.329	ng	96
37) 2-Methylnaphthalene	8.86	142	592321	44.471	ng	98
38) 1-Methylnaphthalene	8.96	142	552505	44.029	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	259445	42.334	ng	99

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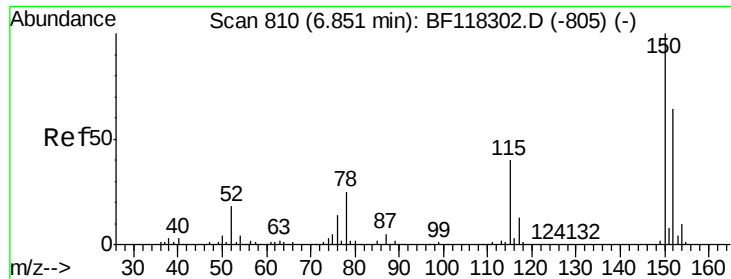
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	157690	63.238	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	174824	42.700	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	186466	44.272	nq	98
46) 1,1'-Biphenyl	9.32	154	725169	44.949	nq	98
47) 2-Chloronaphthalene	9.35	162	561687	43.259	nq	98
48) 2-Nitroaniline	9.45	65	161889	44.141	nq	95
49) Acenaphthylene	9.77	152	889646	46.198	nq	99
50) Dimethylphthalate	9.62	163	721498	47.123	nq	99
51) 2,6-Dinitrotoluene	9.69	165	149550	45.306	nq	88
52) Acenaphthene	9.94	154	543399	46.327	nq	98
53) 3-Nitroaniline	9.87	138	91127	23.521	nq	96
54) 2,4-Dinitrophenol	9.99	184	121565	73.492	nq	96
55) Dibenzofuran	10.12	168	862209	49.747	nq	98
56) 4-Nitrophenol	10.05	139	195645	81.800	nq	94
57) 2,4-Dinitrotoluene	10.10	165	210768	47.785	nq	# 78
58) Fluorene	10.46	166	693230	49.548	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	163594	45.714	nq	98
60) Diethylphthalate	10.33	149	725811	47.917	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	334846	47.942	nq	99
62) 4-Nitroaniline	10.49	138	160597	39.902	nq	95
63) Azobenzene	10.61	77	637247	49.116	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	98362	46.344	nq	88
66) n-Nitrosodiphenylamine	10.57	169	578449	45.875	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	206350	44.817	nq	97
68) Hexachlorobenzene	11.01	284	234685	43.303	nq	98
69) Atrazine	11.10	200	205131	52.710	nq	98
70) Pentachlorophenol	11.21	266	190069	80.979	nq	98
71) Phenanthrene	11.43	178	1079829	50.347	nq	100
72) Anthracene	11.48	178	1039916	48.440	nq	99
73) Carbazole	11.63	167	855757	44.923	nq	99
74) Di-n-butylphthalate	11.96	149	1160616	48.051	nq	99
75) Fluoranthene	12.62	202	1085191	50.135	nq	98
77) Benzidine	12.74	184	436311	67.066	nq	98
78) Pyrene	12.85	202	1090926	56.266	nq	99
80) Butylbenzylphthalate	13.46	149	464986	53.263	nq	100
81) Benzo(a)anthracene	14.05	228	802619	48.294	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	190335	33.778	nq	99
83) Chrysene	14.09	228	754316	47.401	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	651379	56.744	nq	100
85) Di-n-octyl phthalate	14.63	149	1020245	60.421	nq	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	689104	50.822	nq	99
88) Benzo(b)fluoranthene	15.12	252	736579	49.525	nq	100
89) Benzo(k)fluoranthene	15.14	252	608006	42.575	nq	98
90) Benzo(a)pyrene	15.49	252	595288	45.435	nq	98
91) Dibenzo(a,h)anthracene	17.09	278	563603	49.571	nq	97
92) Benzo(g,h,i)perylene	17.53	276	548385	49.931	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# 810

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

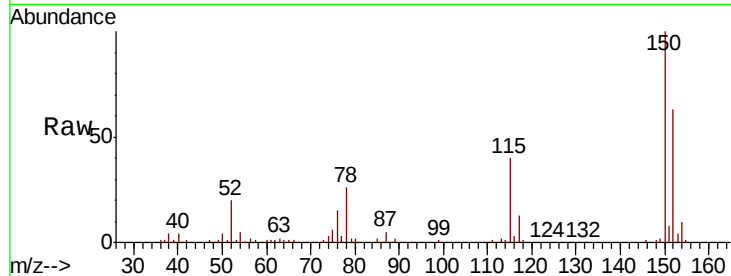
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.4	188.2
115	64.0	50.2	75.4

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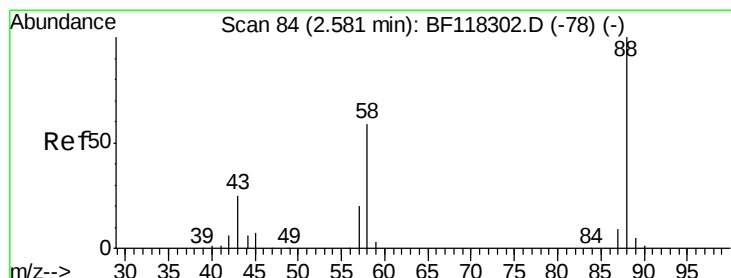
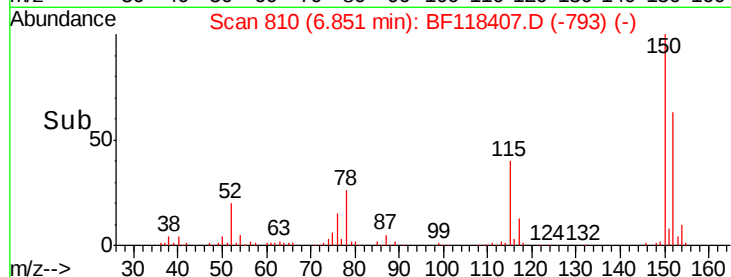
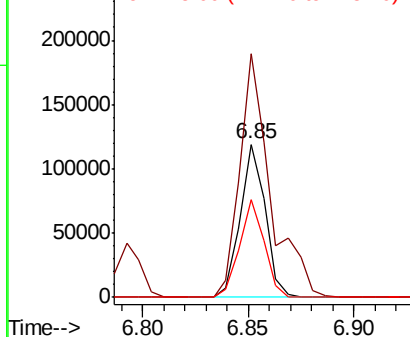


Abundance

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: 32.997 ng

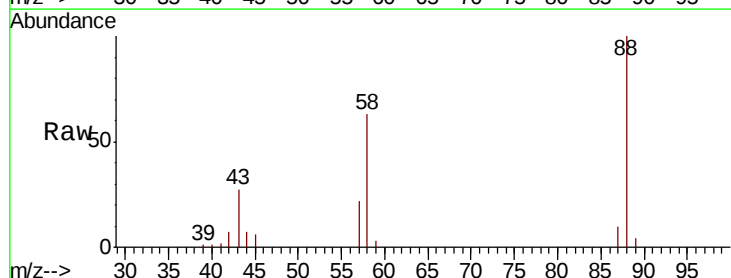
RT: 2.66 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	47.6	71.4
43	30.7	20.6	30.8

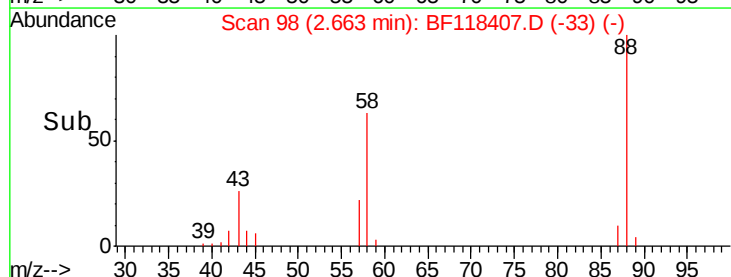
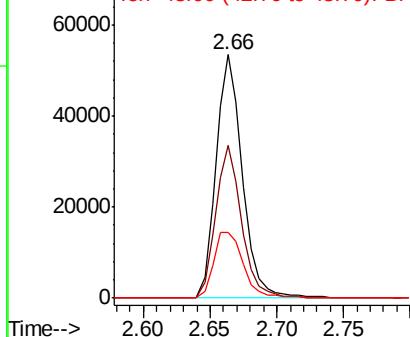


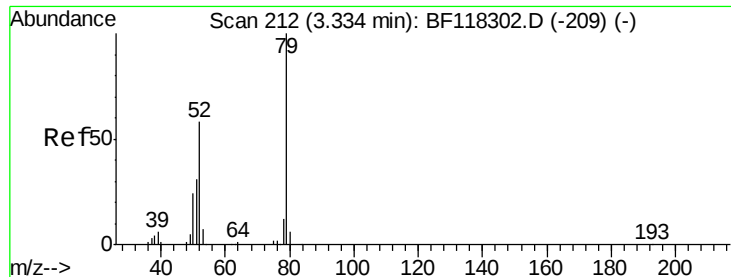
Abundance

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: 34.009 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.09 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

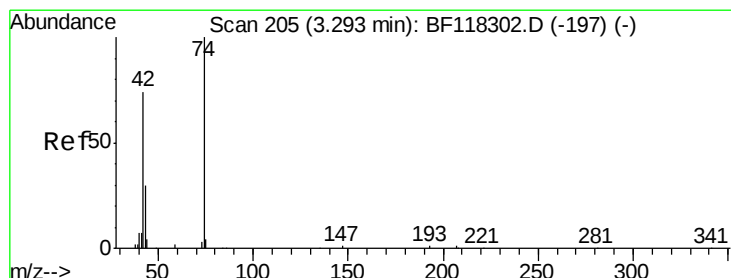
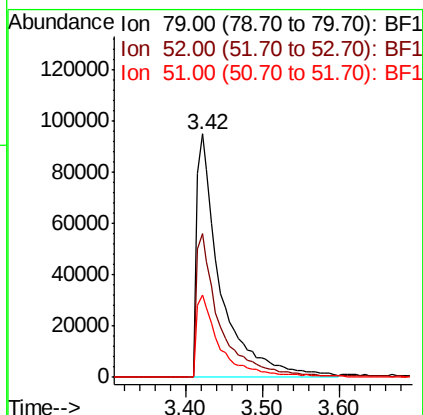
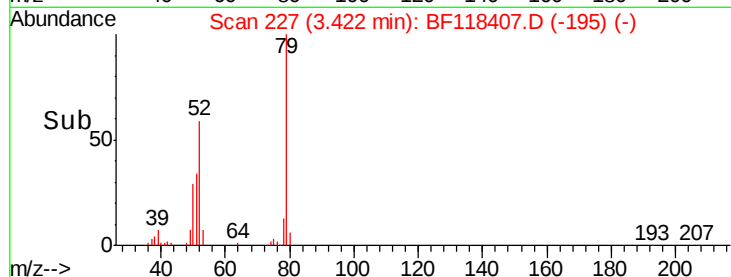
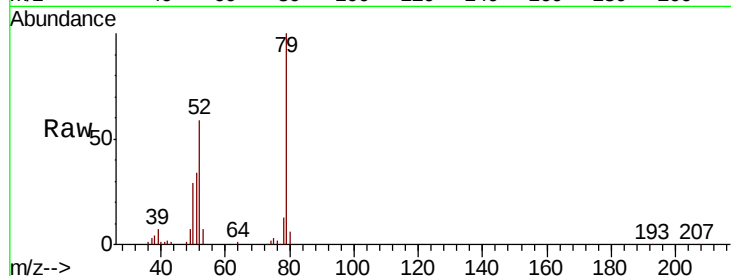
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	79	Resp:	203653
Ion Ratio	Lower	Upper	
79	100		
52	59.1	46.4	69.6
51	33.7	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 47.920 ng

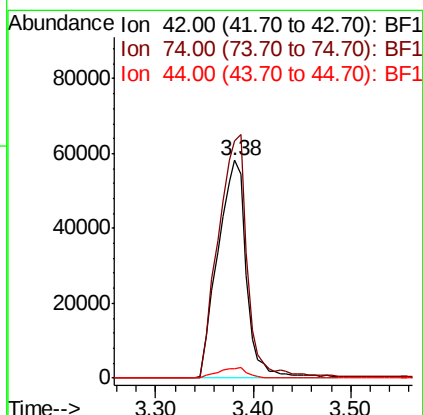
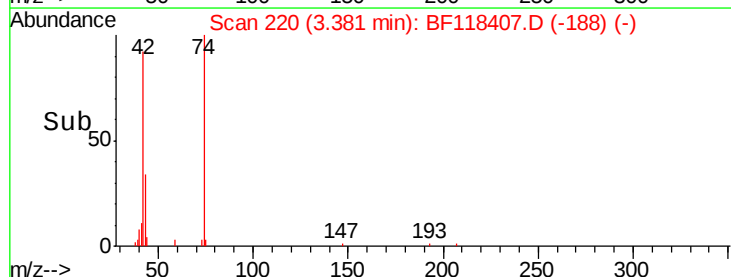
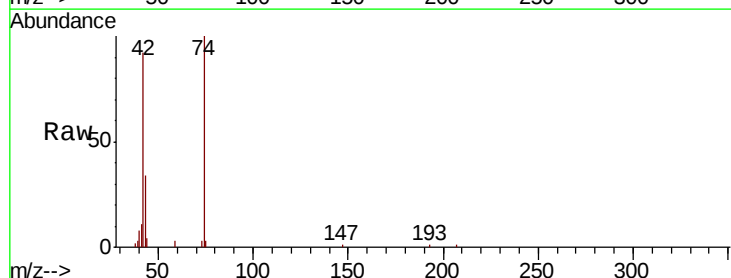
RT: 3.38 min Scan# 220

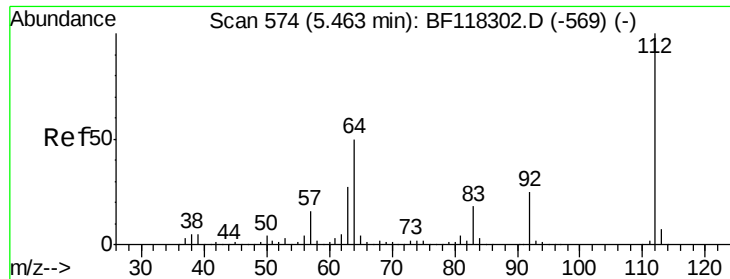
Delta R.T. 0.09 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	42	Resp:	118642
Ion Ratio	Lower	Upper	
42	100		
74	108.8	107.7	161.5
44	4.4	4.8	7.2#





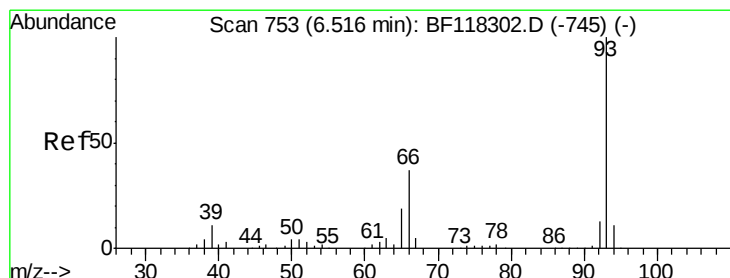
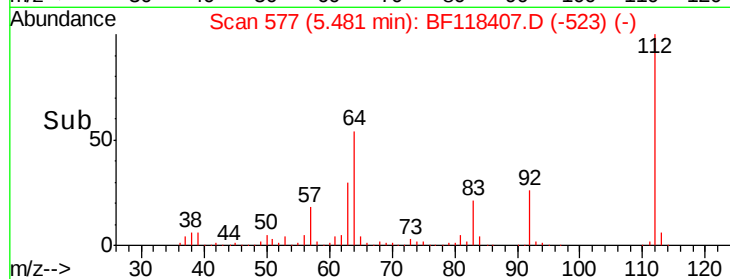
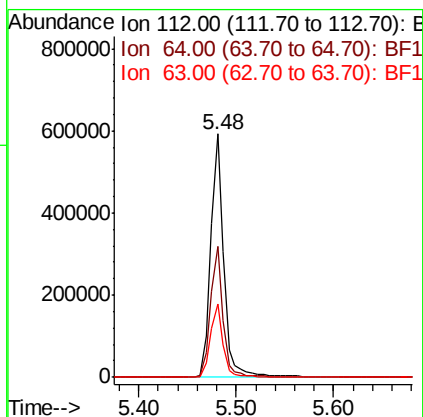
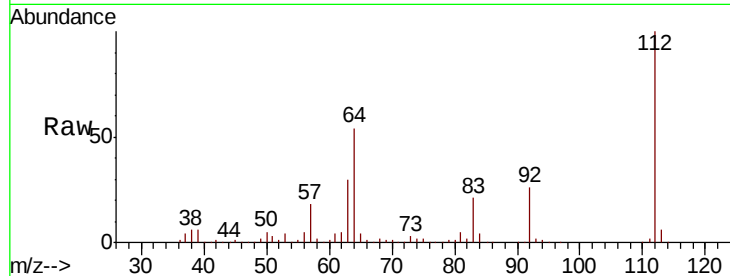
#5
2-Fluorophenol
Concen: 97.720 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.7	39.7	59.5
63	30.0	21.7	32.5

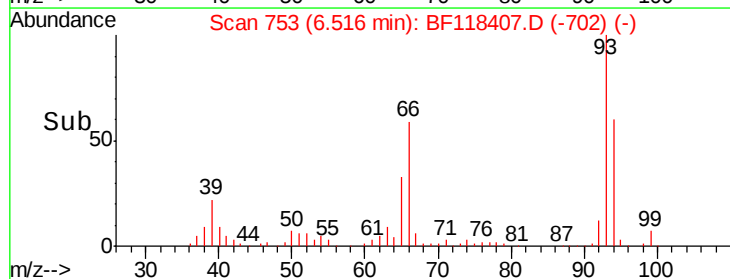
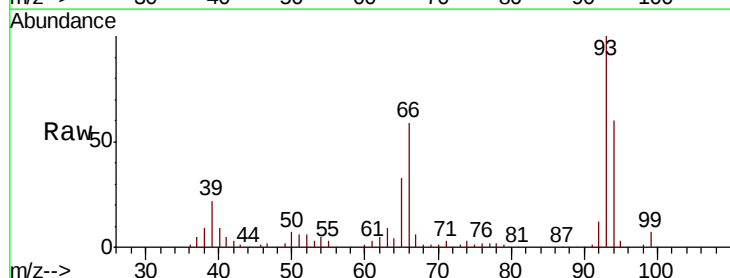
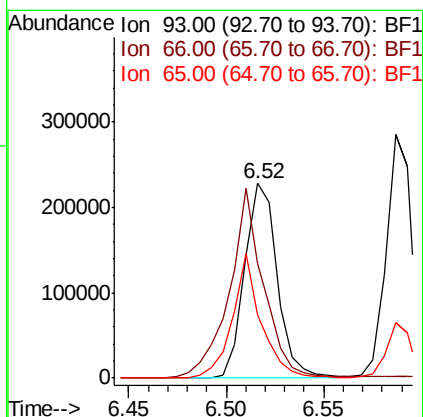
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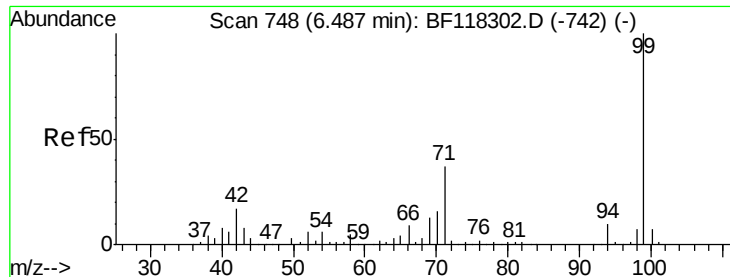
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#6
Aniline
Concen: 29.807 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	58.8	30.2	45.4#
65	32.6	15.7	23.5#





#7

Phenol-d6

Concen: 100.920 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

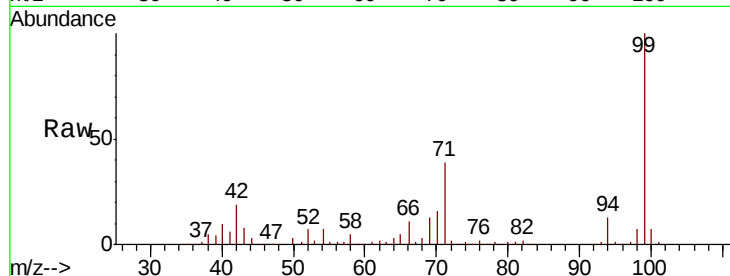
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	99	Resp:	707833
Ion Ratio	Lower	Upper	
99	100		
42	18.8	13.5	20.3
71	38.8	29.4	44.2

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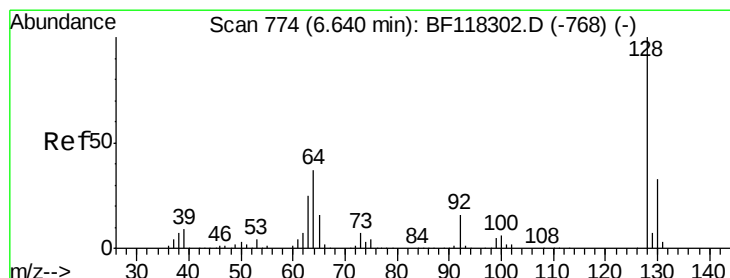
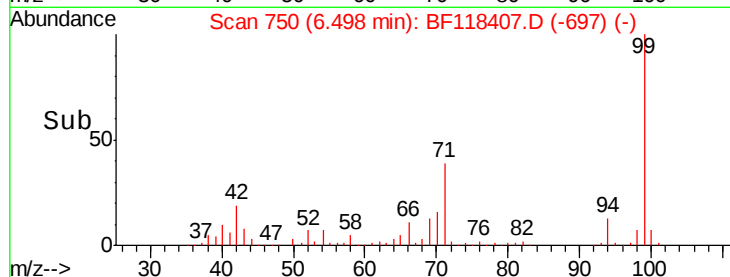
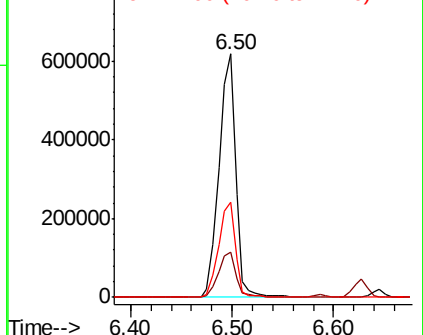


Abundance

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: 47.603 ng

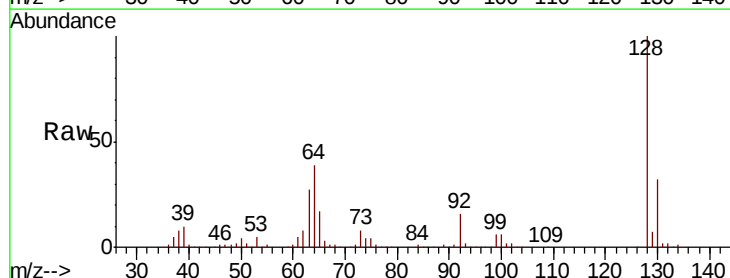
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	128	Resp:	304819
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.2	53.2
64	38.7	17.7	57.7

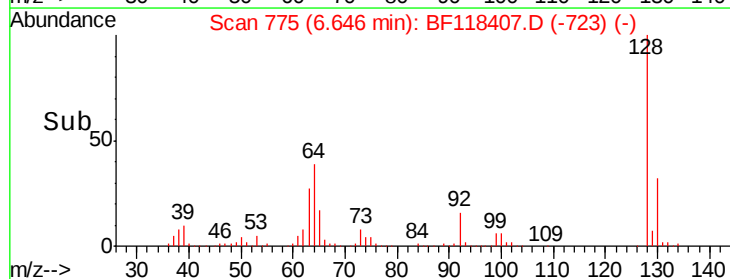
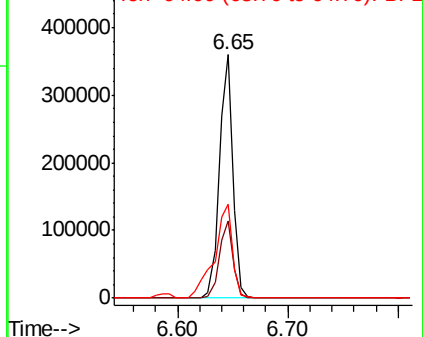


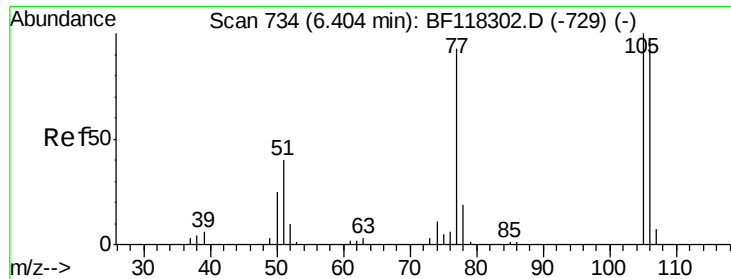
Abundance

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: 41.257 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

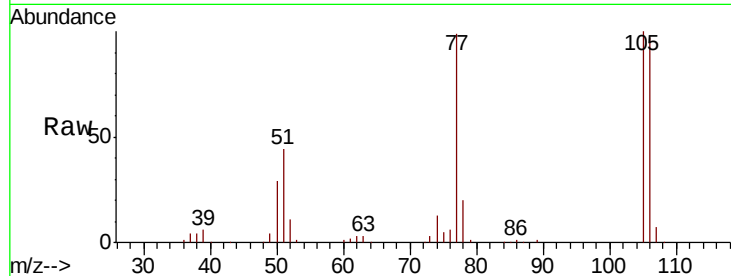
ClientSampleId :

GP-9-(8-10)MSD

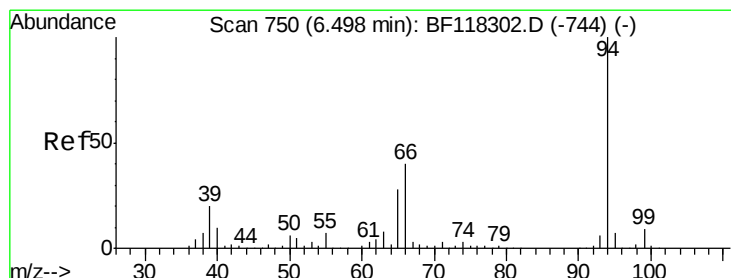
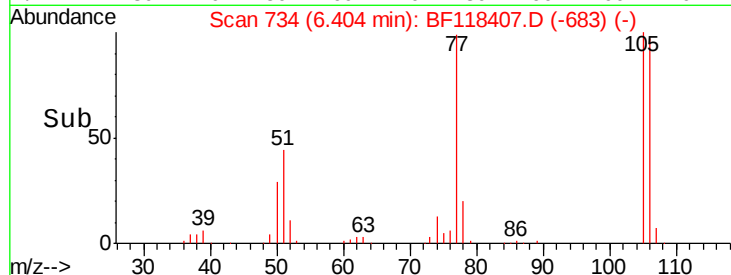
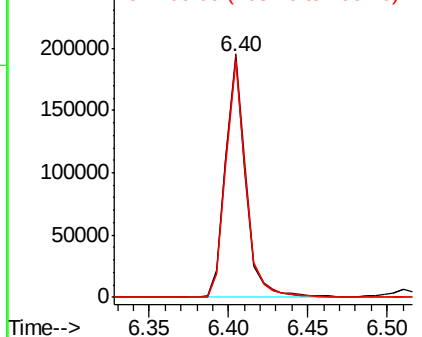
Tot Ion:	77	Resp:	169653
Ion	Ratio	Lower	Upper
77	100		
105	101.4	87.5	127.5
106	98.1	83.6	123.6

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.715 ng

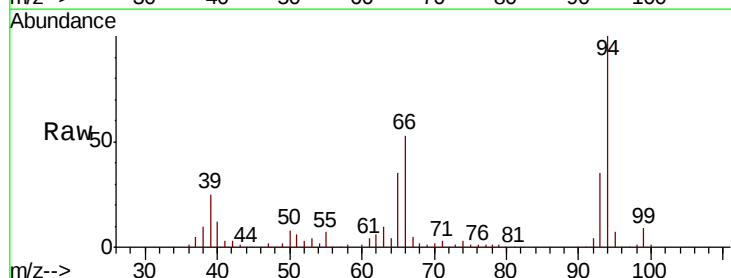
RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

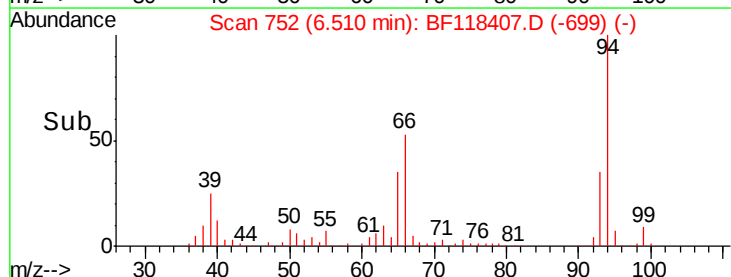
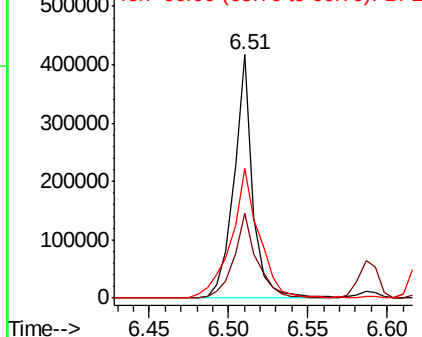
Lab File: BF118407.D

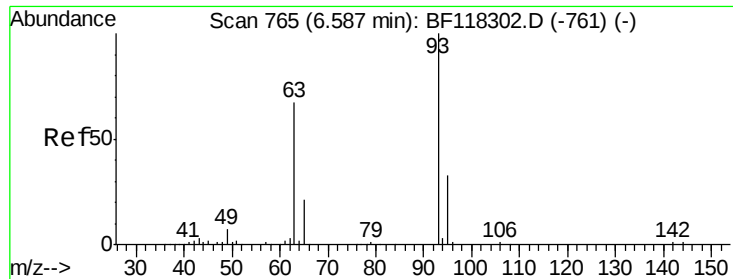
Acq: 31 Dec 2019 16:05

Tgt Ion:	94	Resp:	344618
Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.8	47.8
66	53.3	20.4	60.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





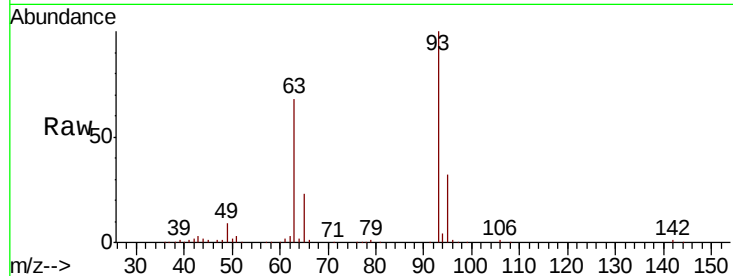
#11
bis(2-Chloroethyl)ether
Concen: 45.223 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

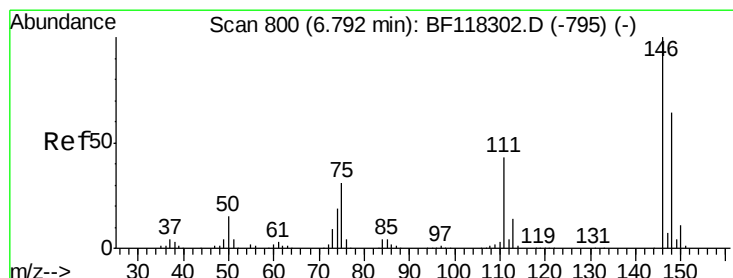
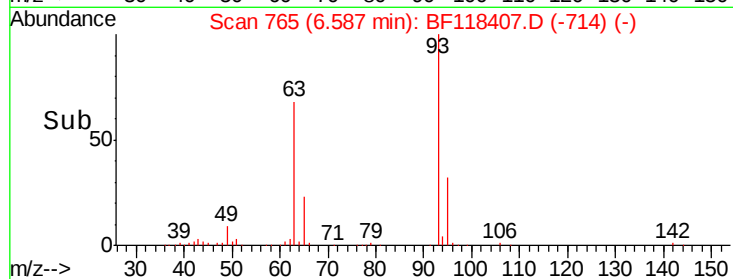
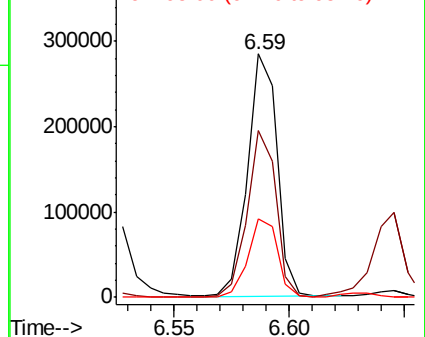
Tot Ion:	93	Resp:	254957
Ion Ratio	Lower	Upper	
93	100		
63	68.4	47.0	87.0
95	32.5	12.8	52.8

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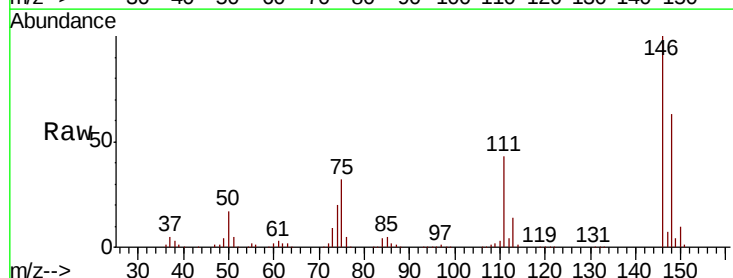


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

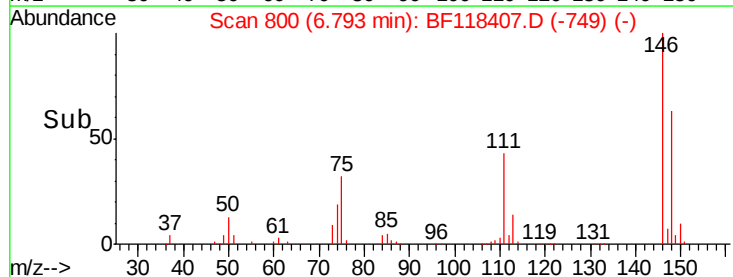
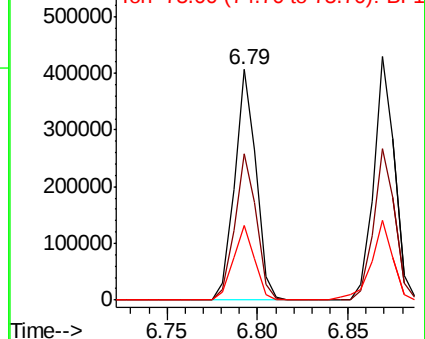


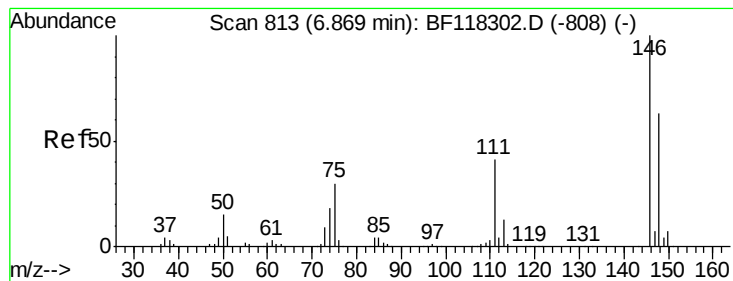
#12
1,3-Dichlorobenzene
Concen: 45.456 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:	146	Resp:	335228
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.0
75	32.2	24.4	36.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 46.072 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

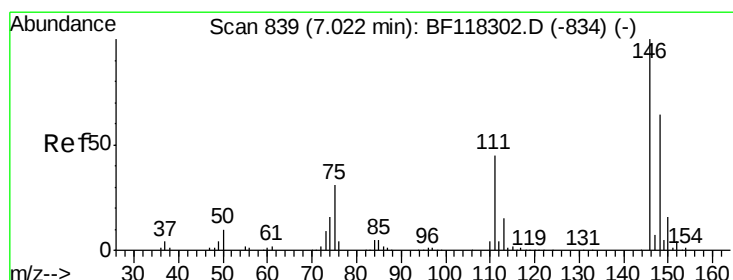
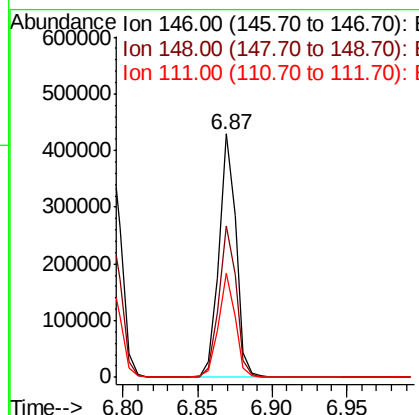
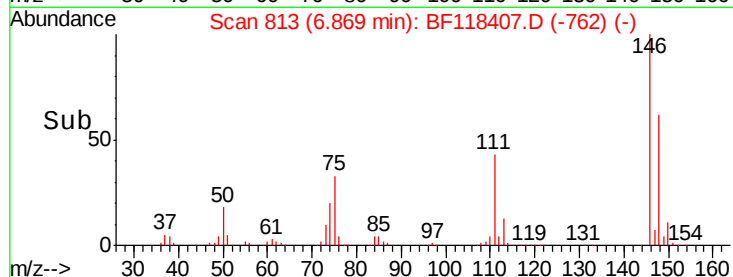
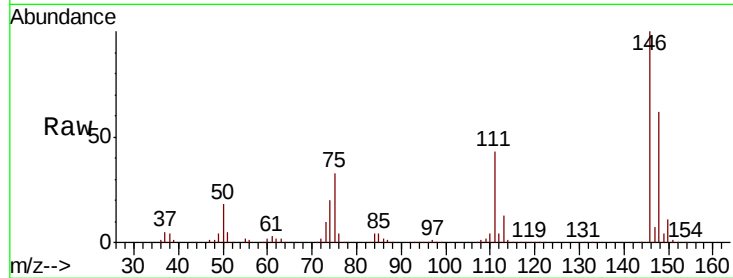
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	146	Resp:	345114
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.3	75.5
111	42.8	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 44.166 ng

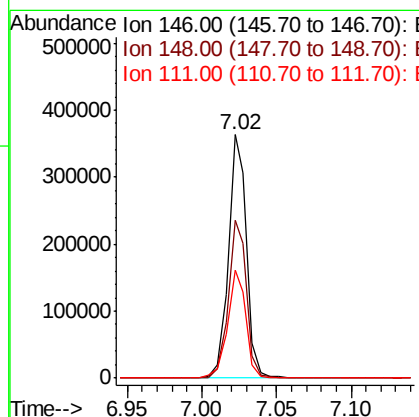
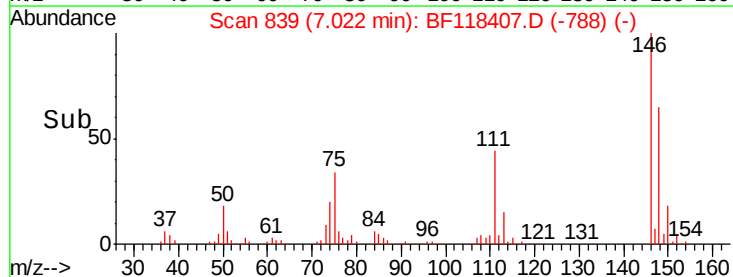
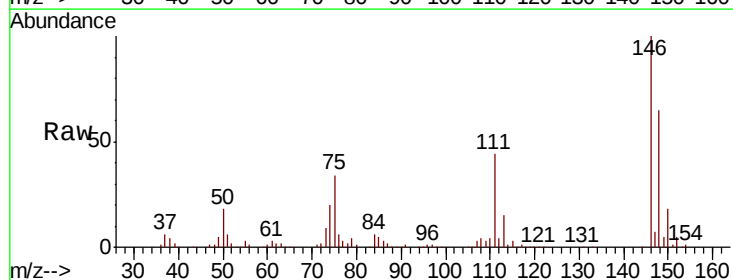
RT: 7.02 min Scan# 839

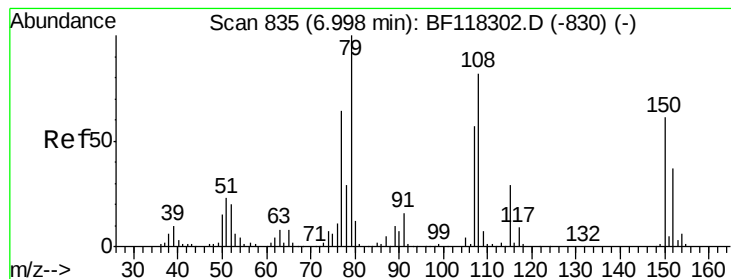
Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	146	Resp:	312343
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.3	76.9
111	44.5	35.7	53.5





#15

Benzyl Alcohol

Concen: 47.220 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

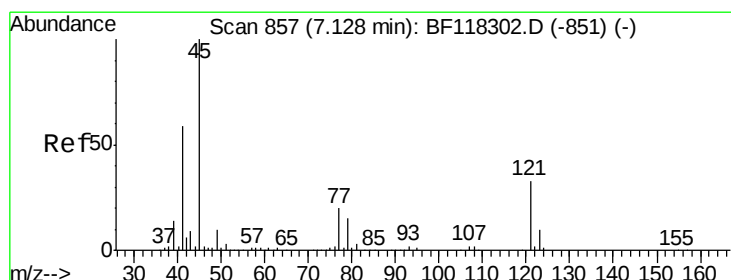
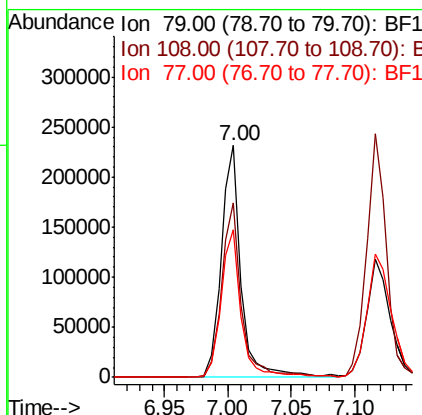
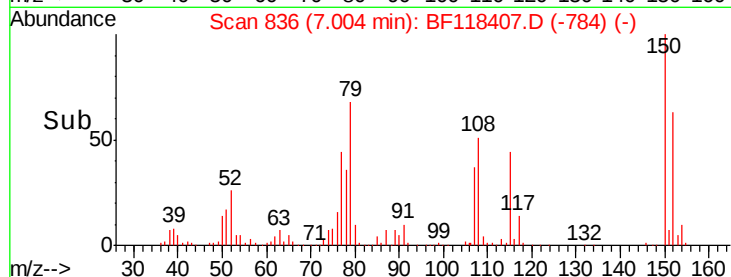
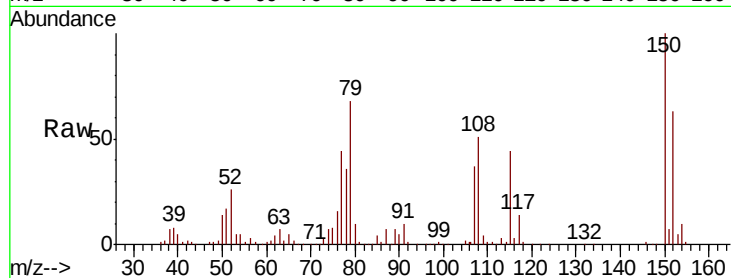
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	79	Resp:	252166
Ion Ratio	Lower	Upper	
79	100		
108	75.4	65.4	98.0
77	63.8	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.791 ng

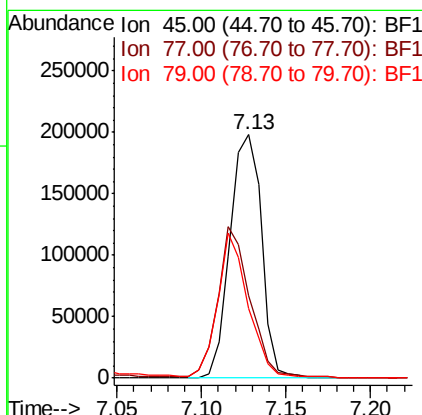
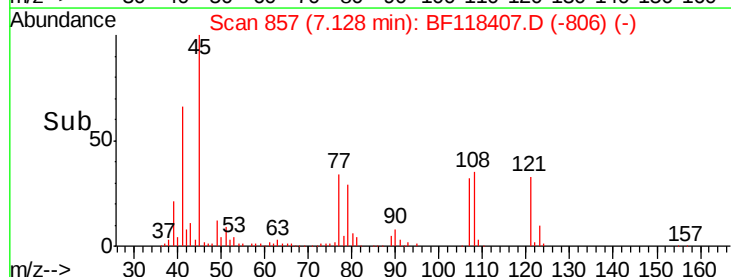
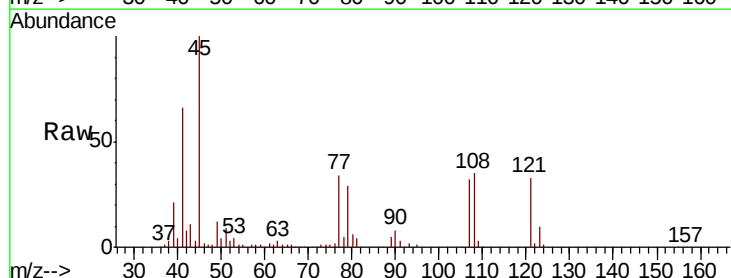
RT: 7.13 min Scan# 857

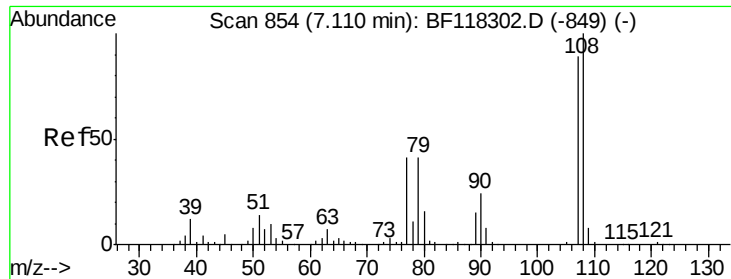
Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	45	Resp:	257431
Ion Ratio	Lower	Upper	
45	100		
77	33.9	1.2	41.2
79	28.6	0.0	37.0





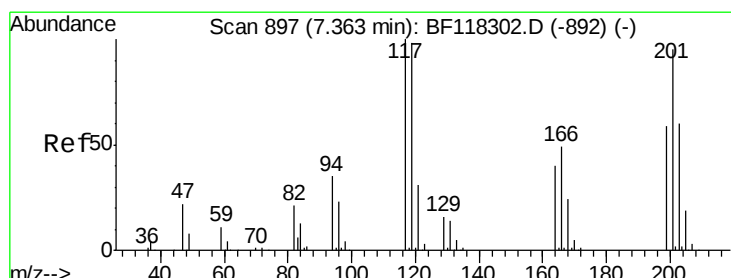
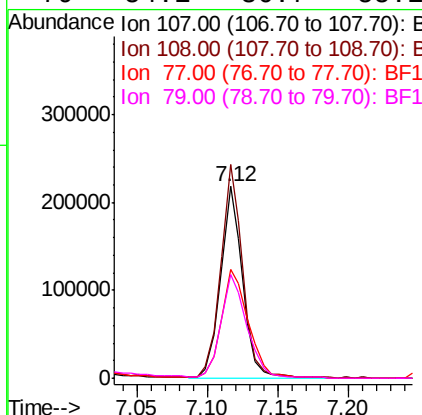
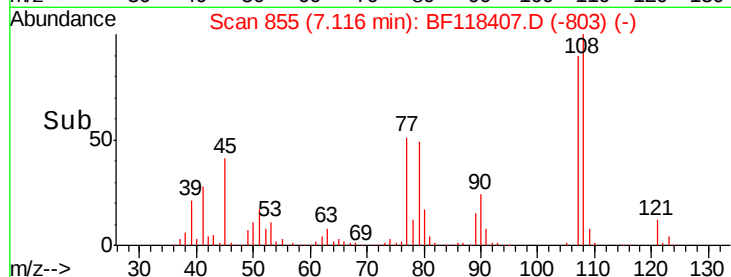
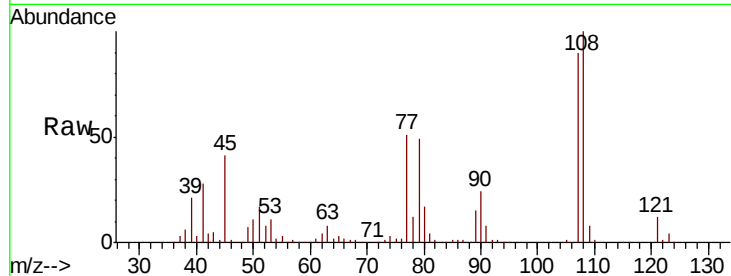
#17
2-Methylphenol
Concen: 45.402 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100	233181		
108	111.4	89.7	134.5	
77	56.5	37.2	55.8	
79	54.1	36.7	55.1	

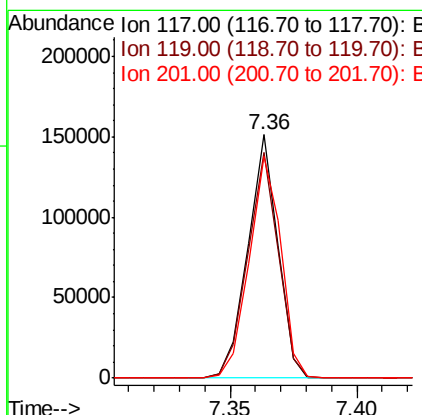
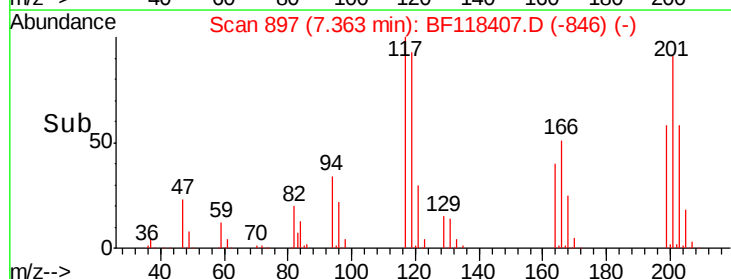
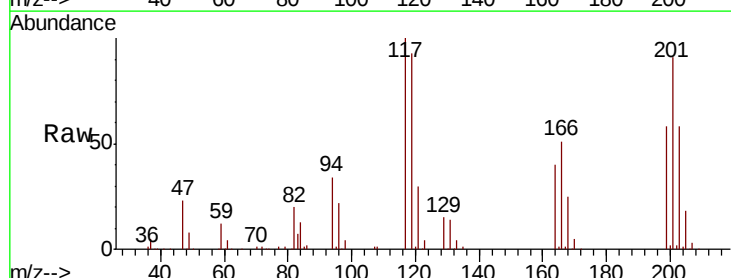
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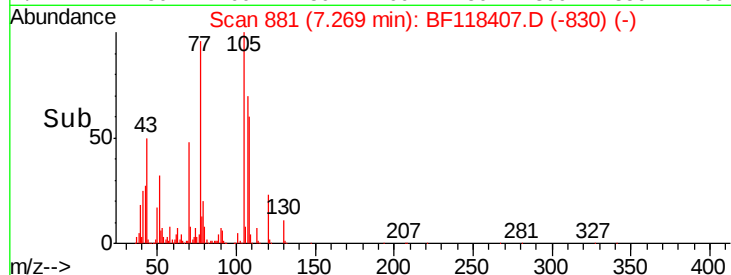
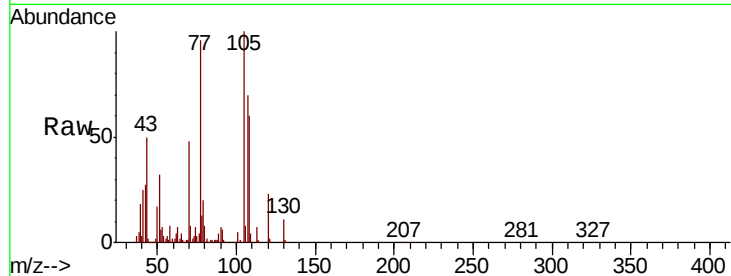
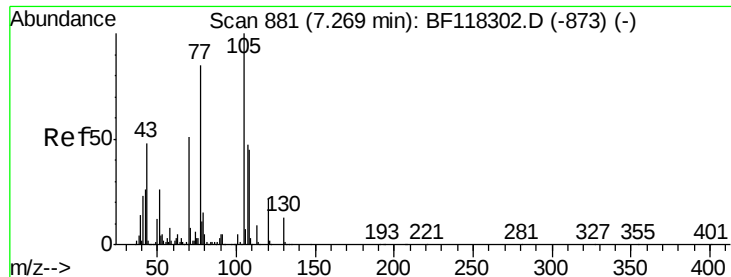
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#18
Hexachloroethane
Concen: 45.546 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125215		
119	92.9	78.0	117.0	
201	91.1	76.2	114.2	





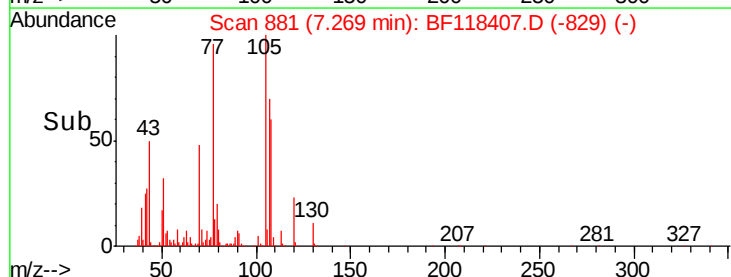
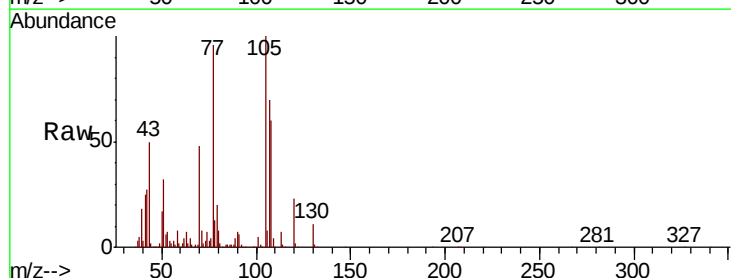
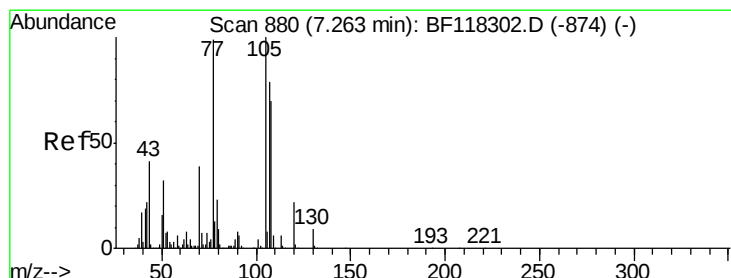
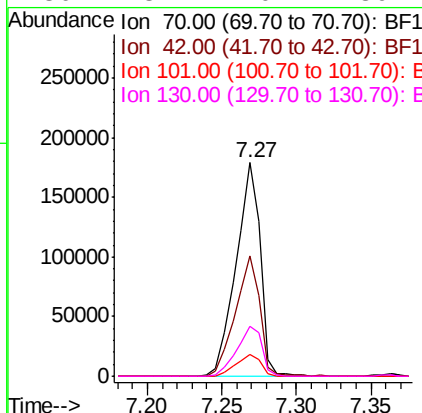
#19
n-Nitroso-di-n-propylamine
Concen: 46.982 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	41.1	61.7
101	10.3	8.3	12.5
130	23.4	20.1	30.1

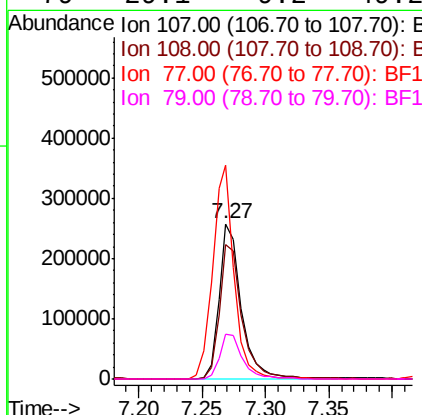
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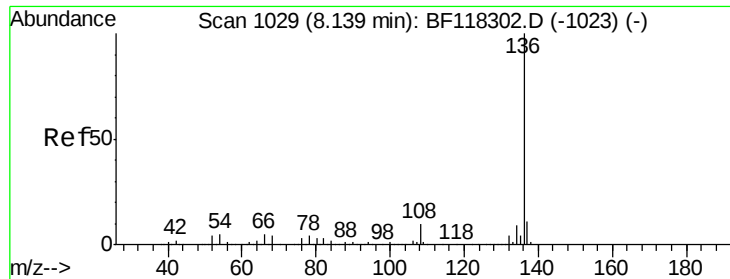
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#20
3+4-Methylphenols
Concen: 47.320 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	69.3	109.3
77	137.7	105.9	145.9
79	29.1	9.2	49.2





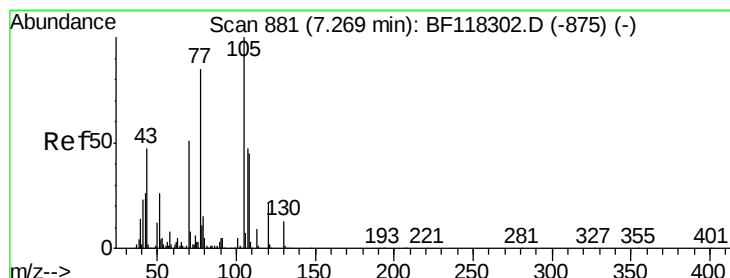
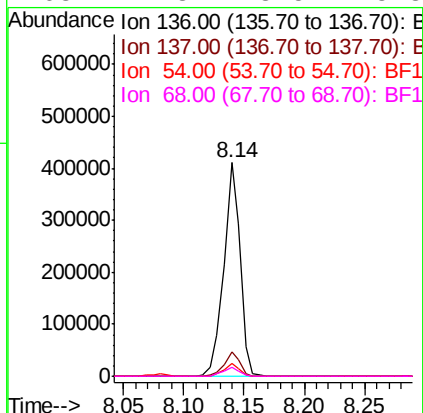
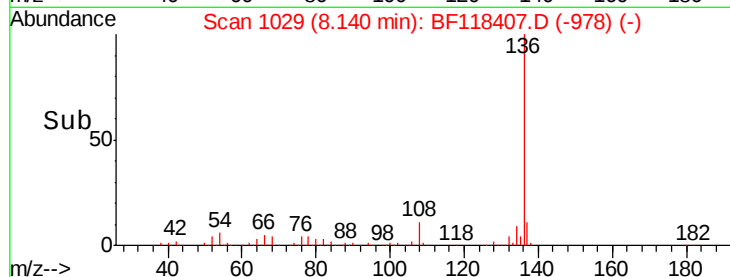
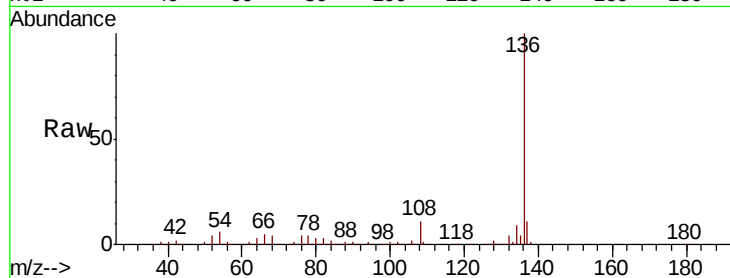
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		382752		
137	11.2		8.9	13.3	
54	5.9		4.2	6.4	
68	4.3		3.5	5.3	

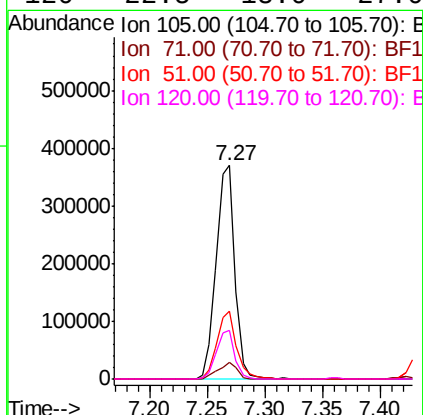
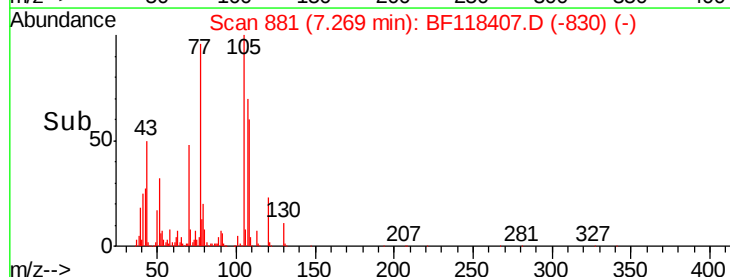
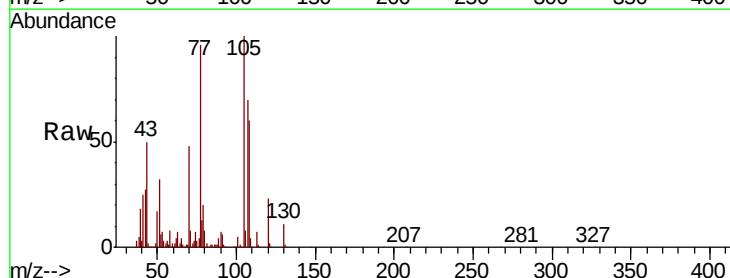
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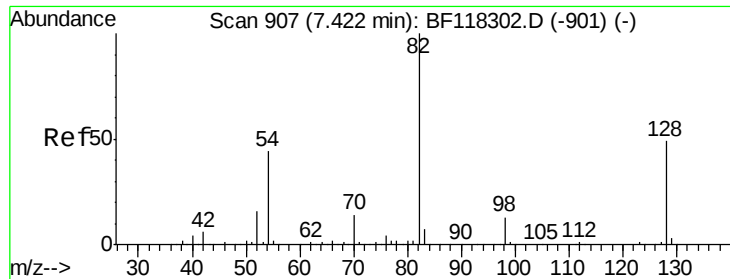
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#22
Acetophenone
Concen: 44.438 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		416862		
71	7.9		6.6	9.8	
51	31.8		20.6	30.8	
120	22.5		18.0	27.0	





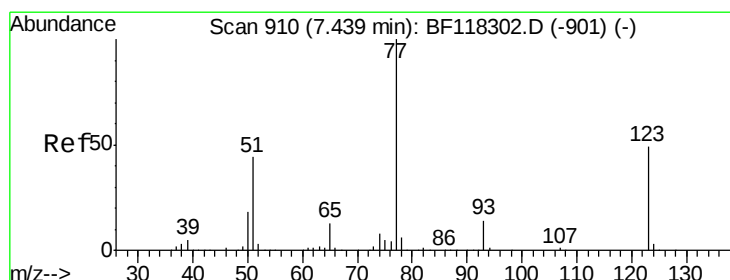
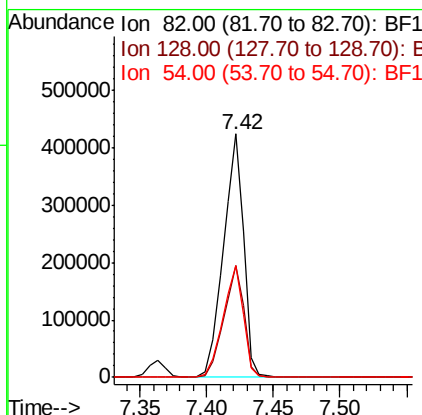
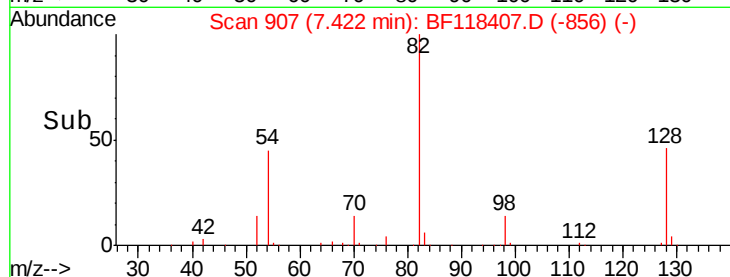
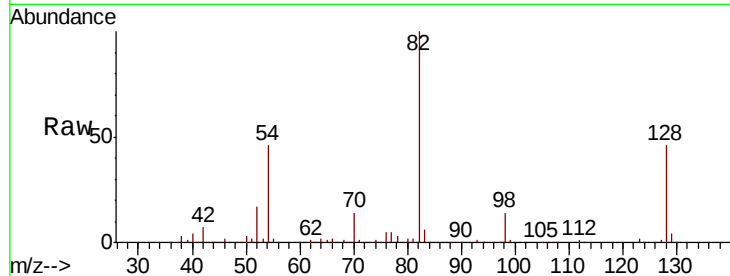
#23
 Nitrobenzene-d5
 Concen: 67.918 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.6	59.4
54	46.0	34.9	52.3

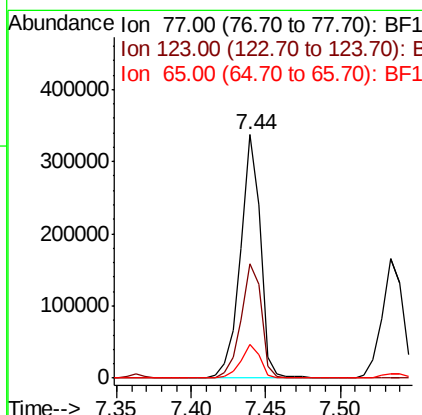
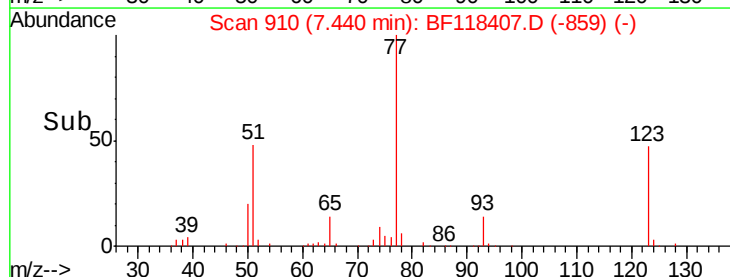
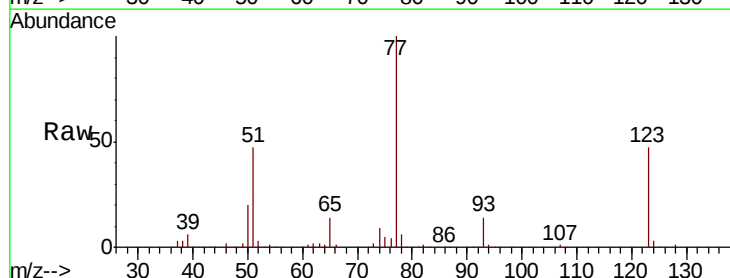
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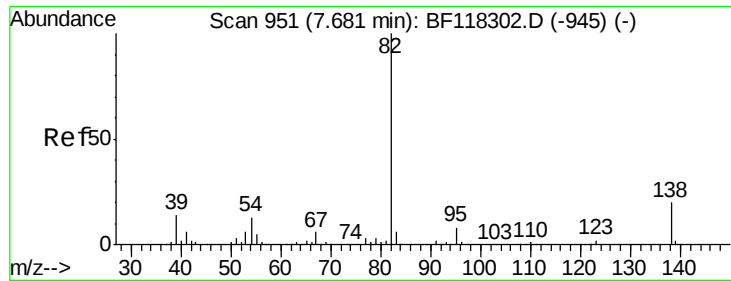
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#24
 Nitrobenzene
 Concen: 46.520 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	39.1	58.7
65	13.6	10.6	16.0





#25

Isophorone

Concen: 45.957 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

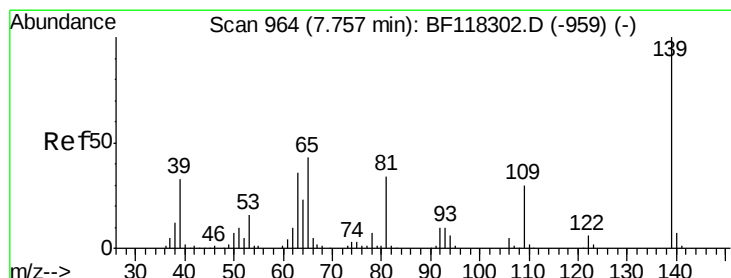
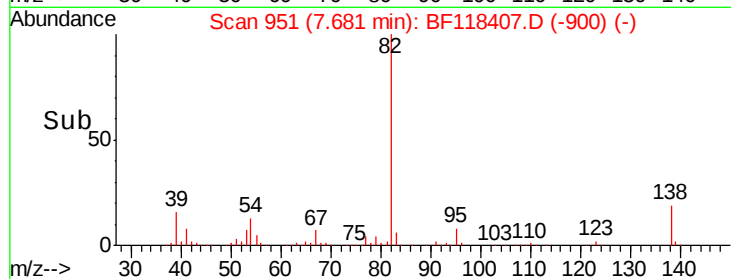
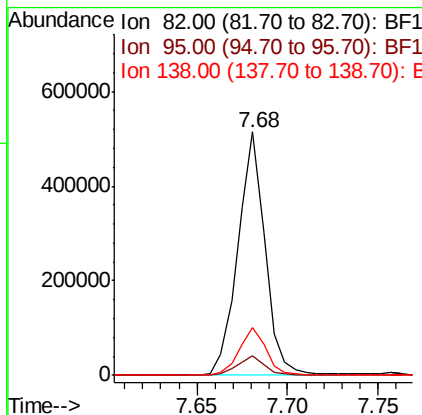
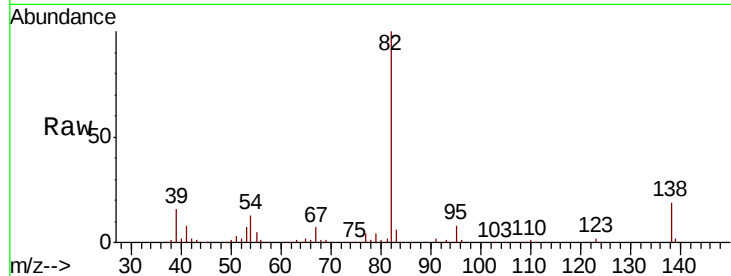
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	82	Resp:	535991
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	19.5	16.2	24.2

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#26

2-Nitrophenol

Concen: 46.890 ng

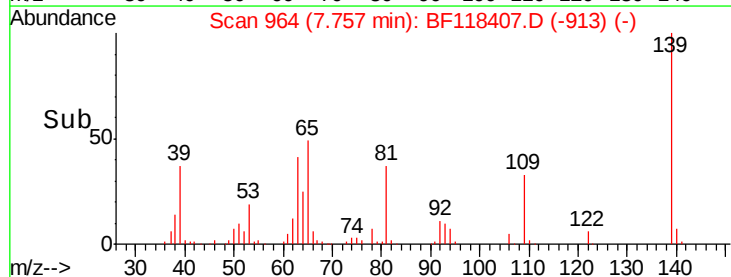
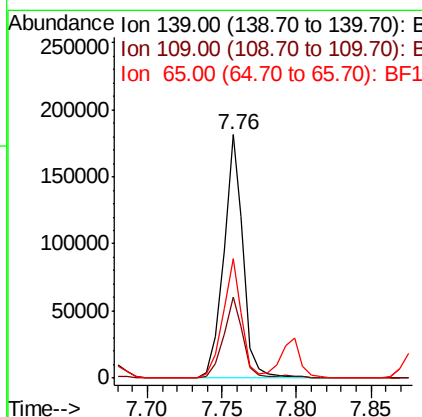
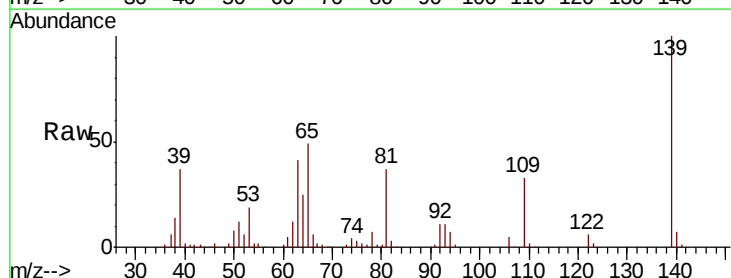
RT: 7.76 min Scan# 964

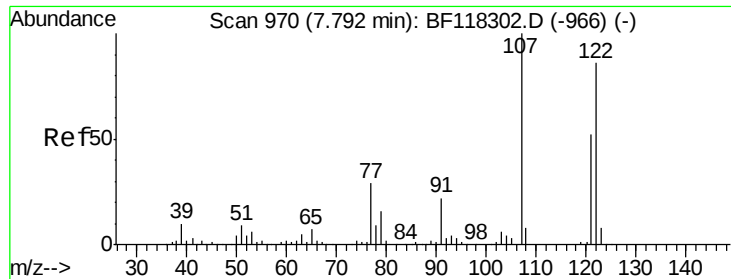
Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	139	Resp:	166493
Ion Ratio	Lower	Upper	
139	100		
109	33.4	24.1	36.1
65	49.3	34.6	52.0





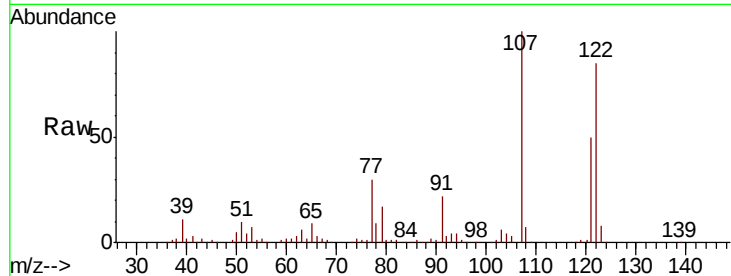
#27
2,4-Dimethylphenol
Concen: 53.754 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	92.9	139.3
121	59.5	47.9	71.9

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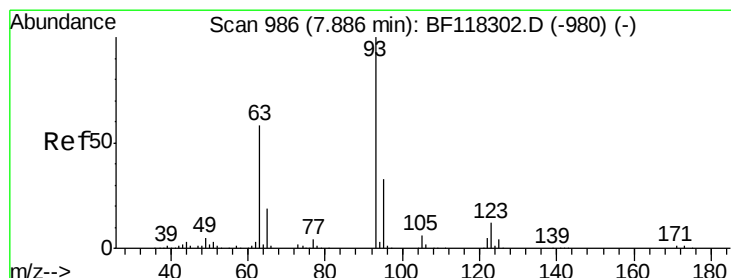
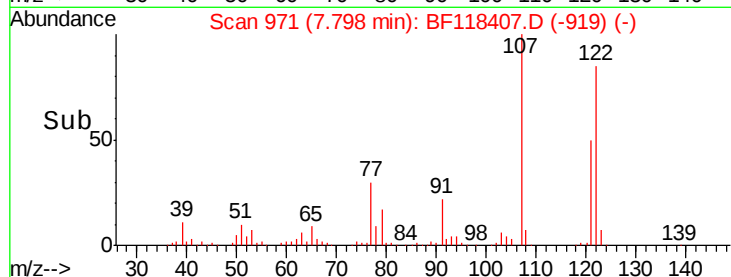
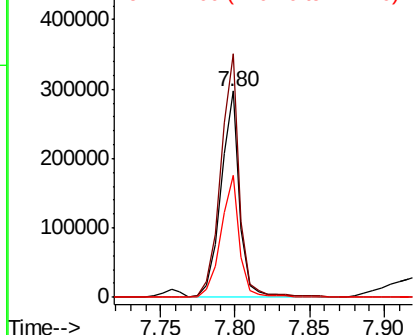


Abundance

Ion 122.00 (121.70 to 122.70): E

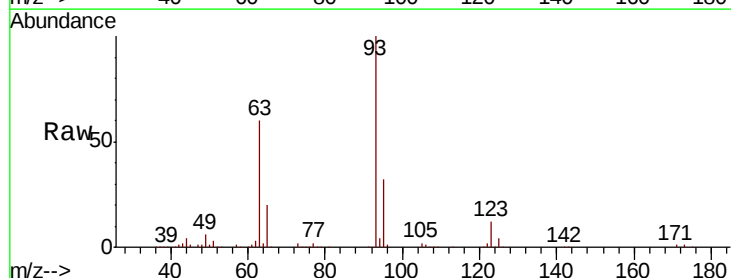
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.353 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	11.9	9.8	14.8

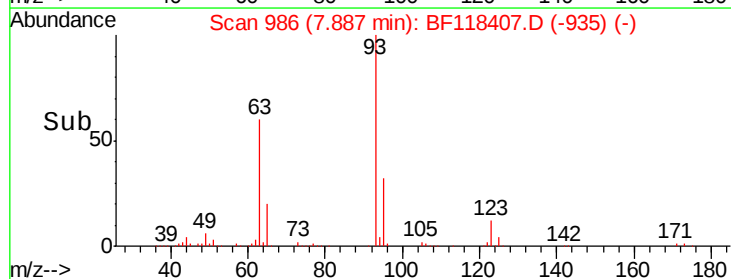
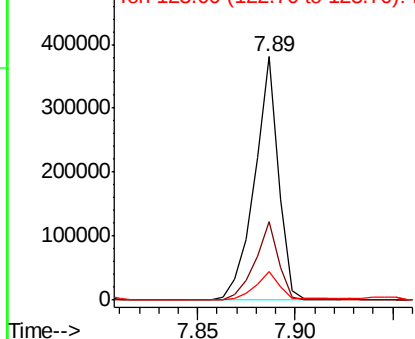


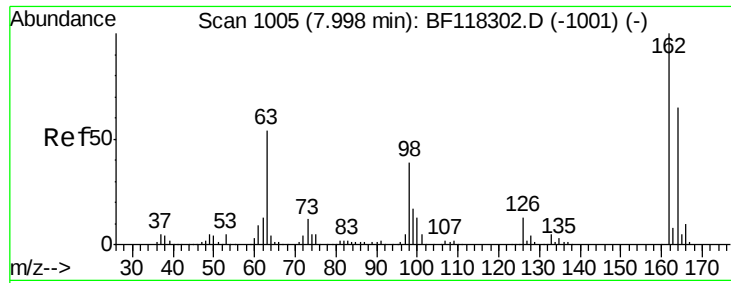
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





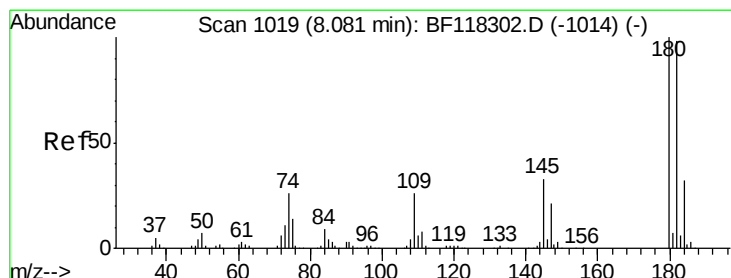
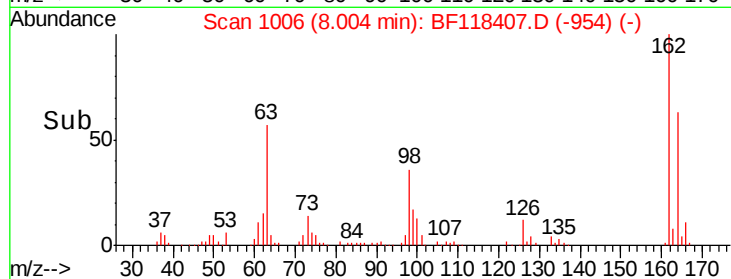
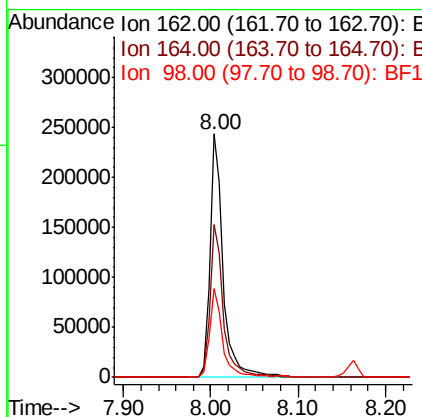
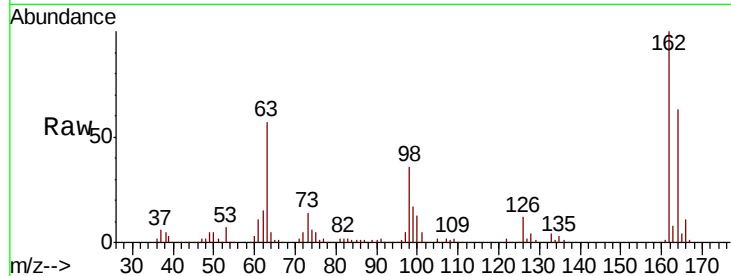
#29
 2,4-Dichlorophenol
 Concen: 45.443 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253394		
164	62.5	45.1	85.1	
98	36.4	18.6	58.6	

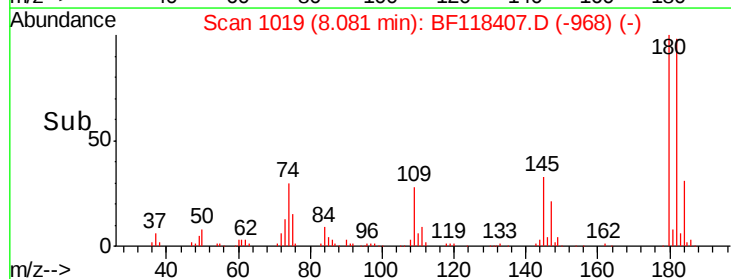
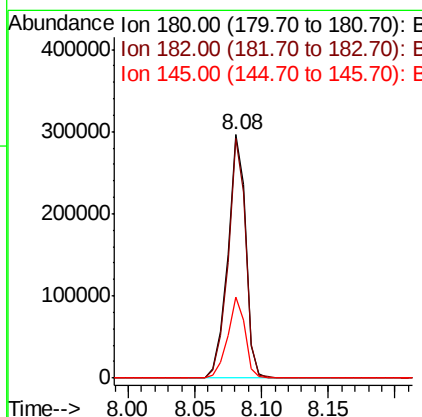
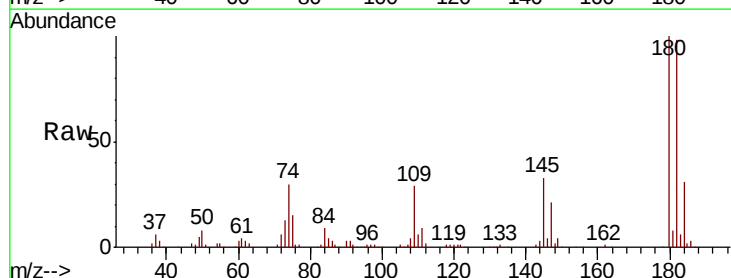
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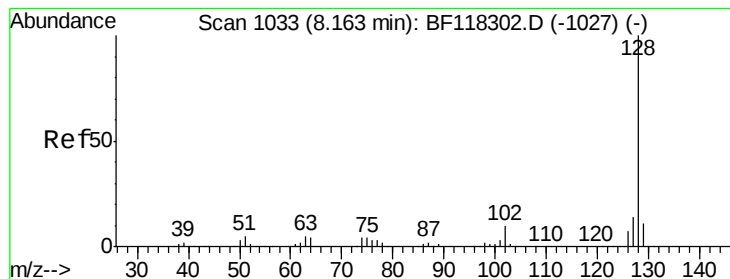
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.438 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	282152		
182	98.3	78.3	117.5	
145	33.2	26.7	40.1	





#31

Naphthalene

Concen: 46.553 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

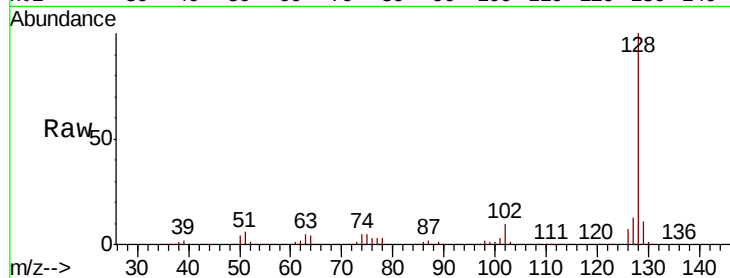
ClientSampleId :

GP-9-(8-10)MSD

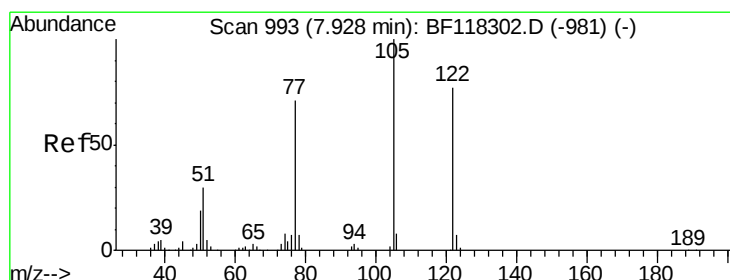
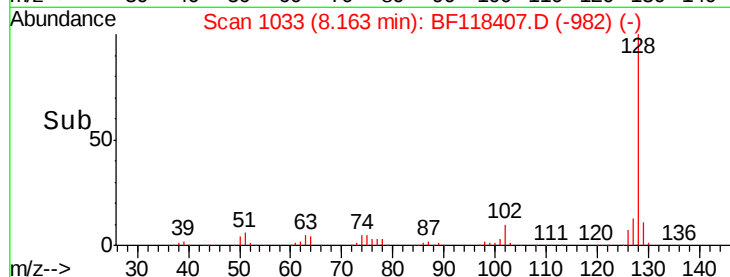
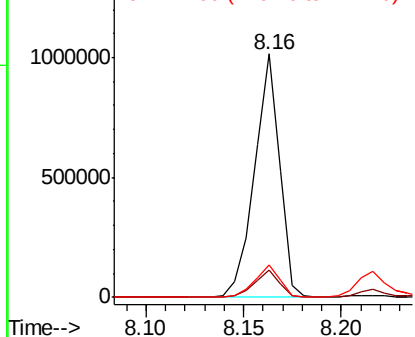
Tot Ion:	128	Resp:	905638
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.4
127	13.2	11.0	16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.123 ng

RT: 7.95 min Scan# 997

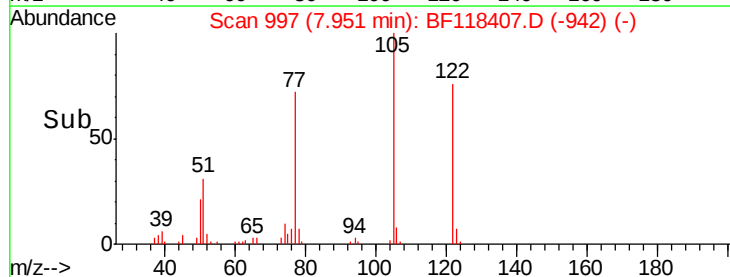
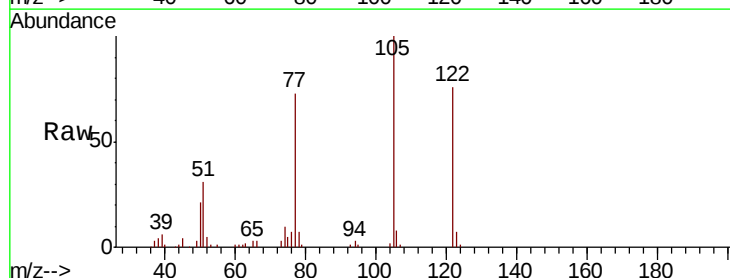
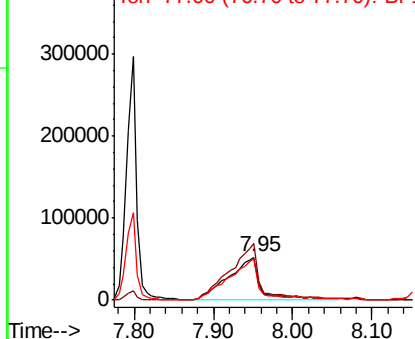
Delta R.T. 0.02 min

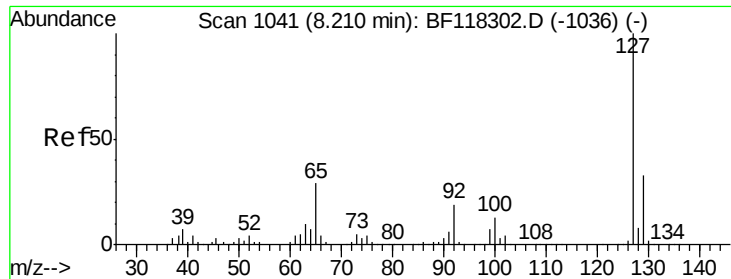
Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	122	Resp:	145901
Ion Ratio	Lower	Upper	
122	100		
105	132.3	106.8	146.8
77	96.0	70.4	110.4

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





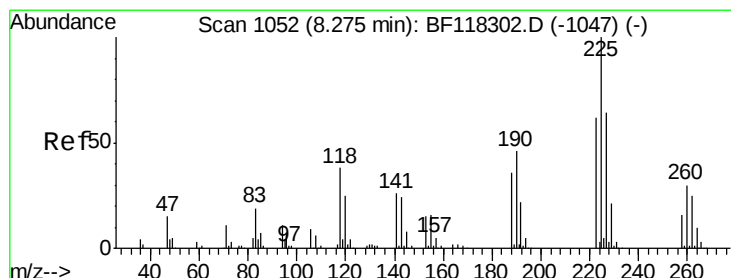
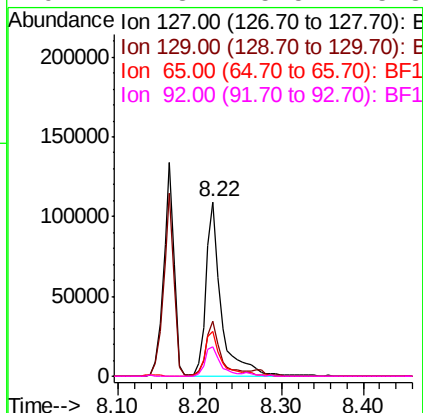
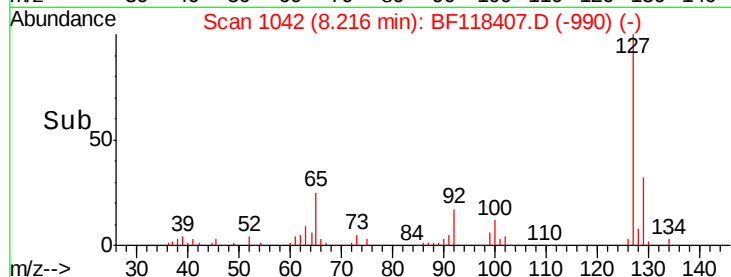
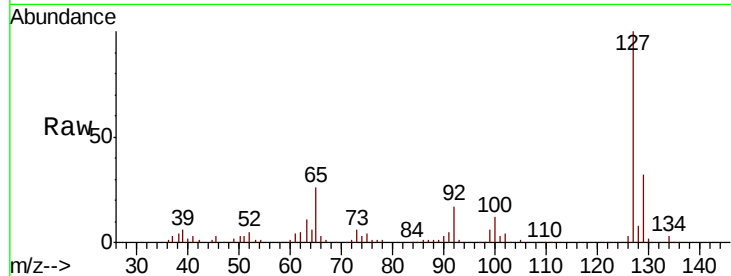
#33
4-Chloroaniline
Concen: 17.241 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.5	39.7
65	25.6	22.8	34.2
92	17.3	15.5	23.3

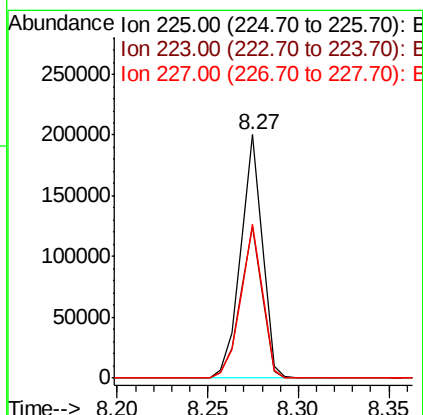
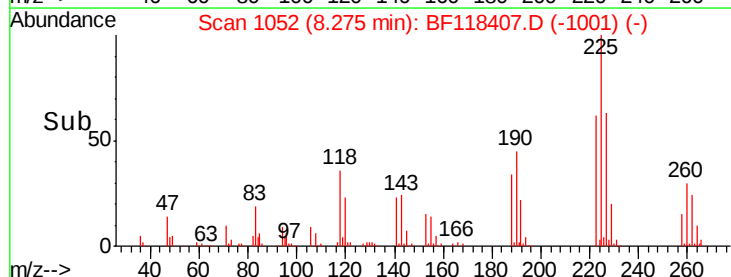
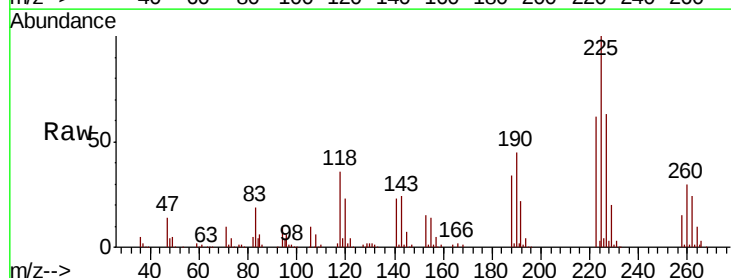
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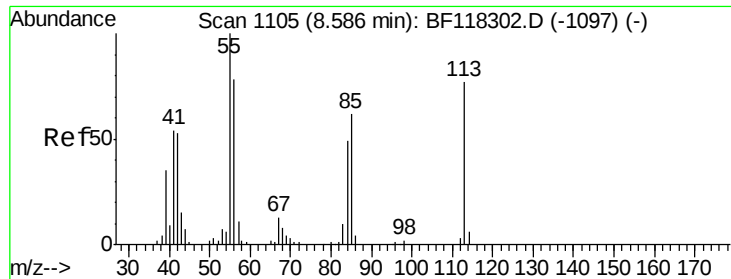
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#34
Hexachlorobutadiene
Concen: 43.148 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.5	74.3
227	63.5	51.0	76.4





#35

Caprolactam

Concen: 44.862 ng/ml

RT: 8.60 min Scan# 1108

Delta R.T. 0.02 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

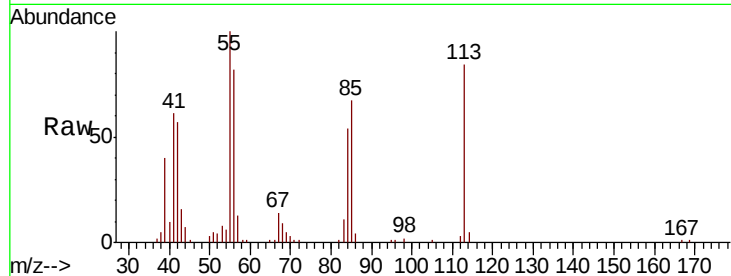
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	113	Resp:	78097
Ion Ratio	Lower	Upper	
113	100		
55	119.0	109.8	149.8
56	97.8	81.7	121.7

Manual Integrations
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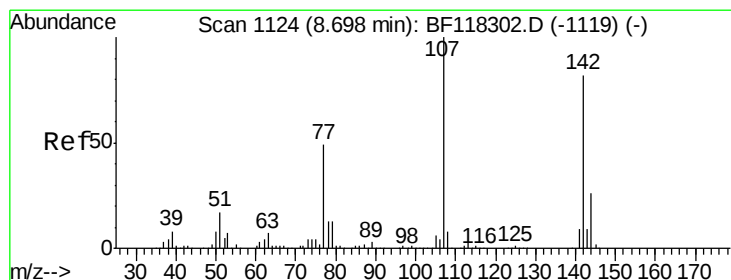
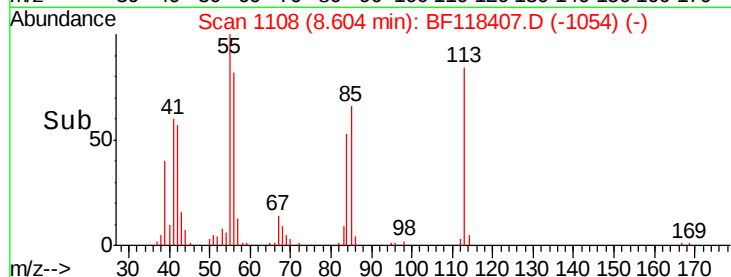
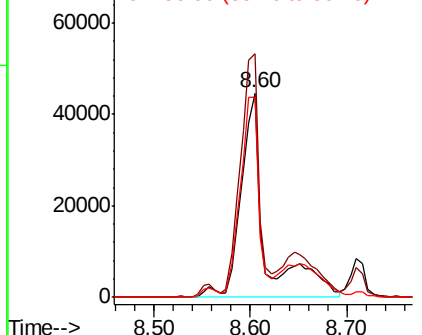
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.329 ng/ml

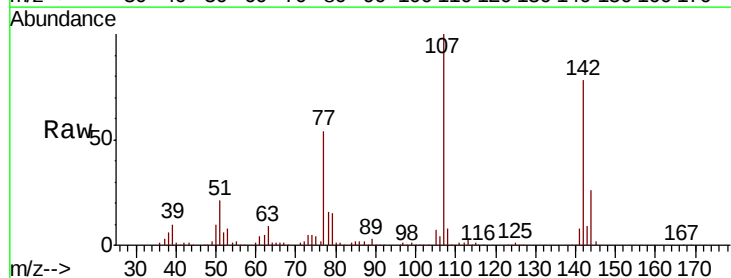
RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

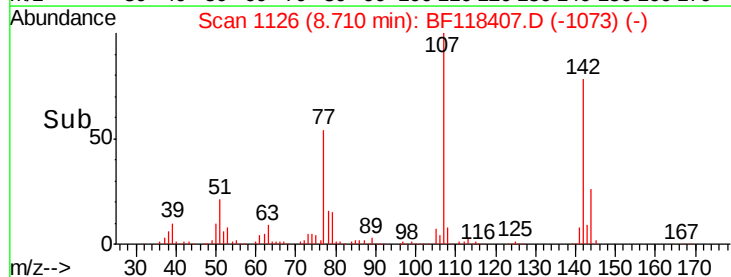
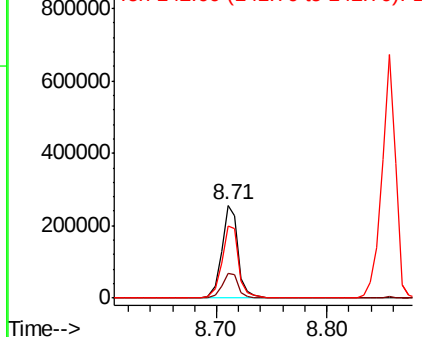
Tgt Ion:	107	Resp:	265386
Ion Ratio	Lower	Upper	
107	100		
144	26.0	21.2	31.8
142	77.8	65.4	98.2

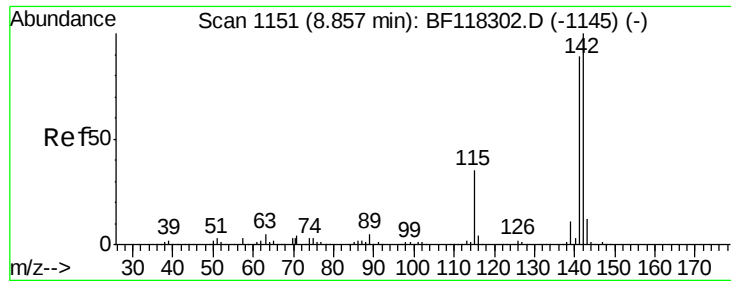


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





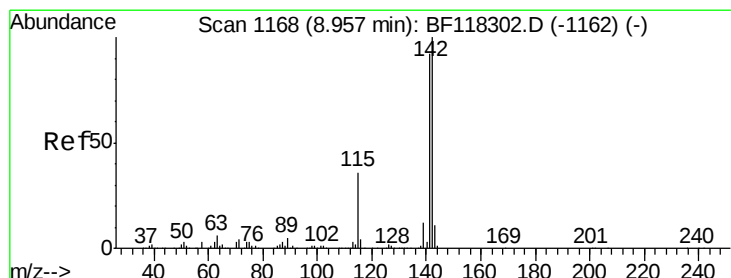
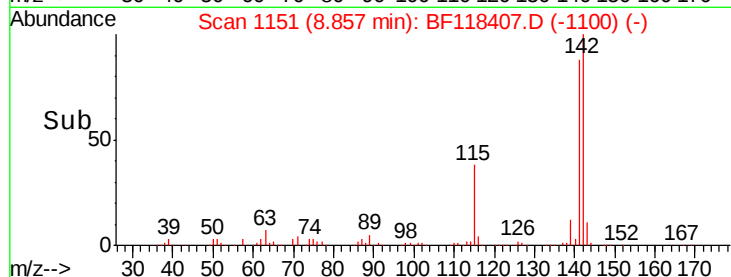
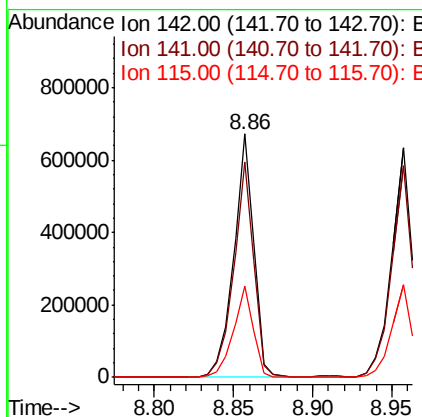
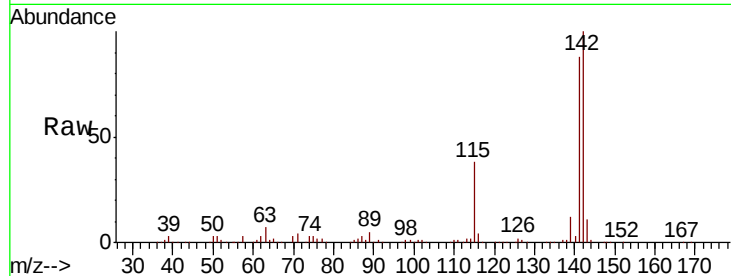
#37
2-Methylnaphthalene
Concen: 44.471 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	37.5	28.0	42.0

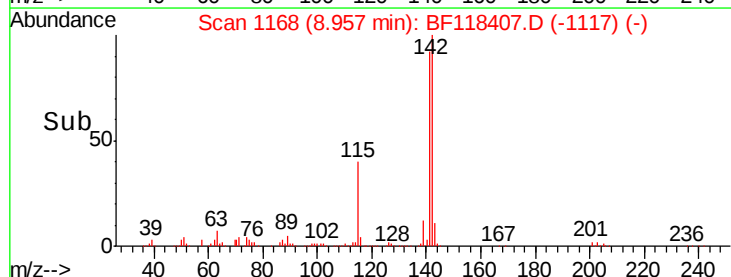
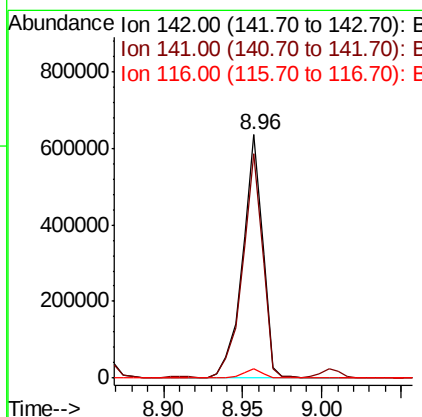
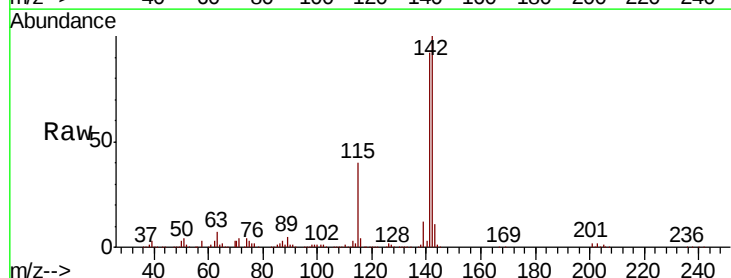
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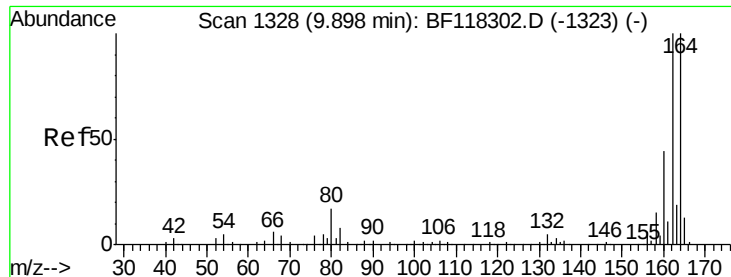
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#38
1-Methylnaphthalene
Concen: 44.029 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.4	110.2
116	4.1	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

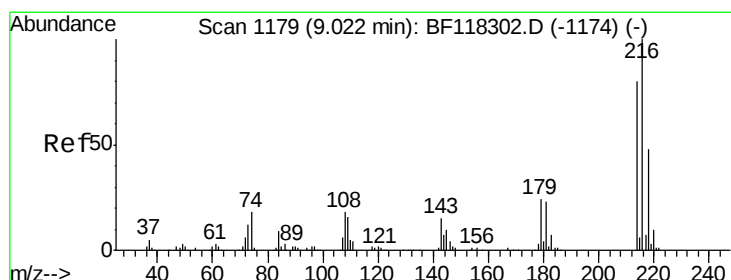
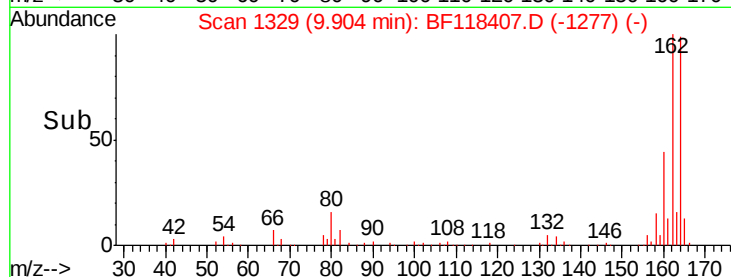
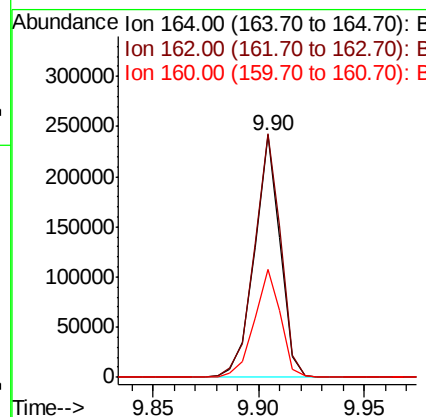
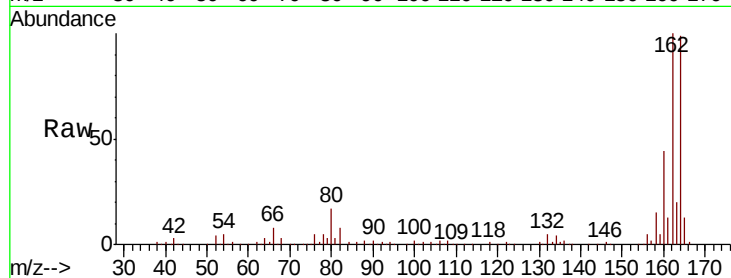
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	164	Resp:	203972
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.0	120.0
160	44.4	34.8	52.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.334 ng

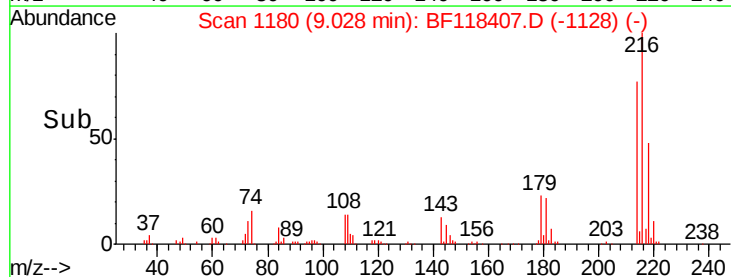
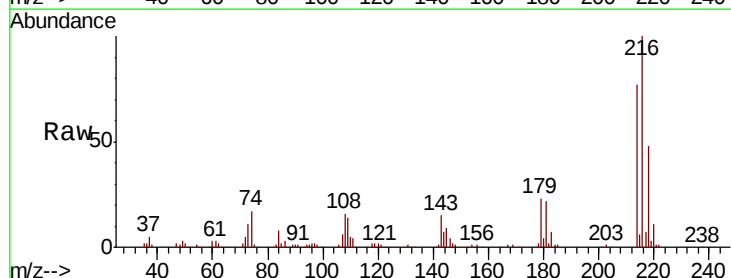
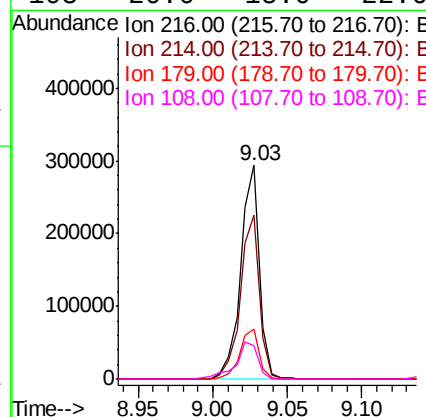
RT: 9.03 min Scan# 1180

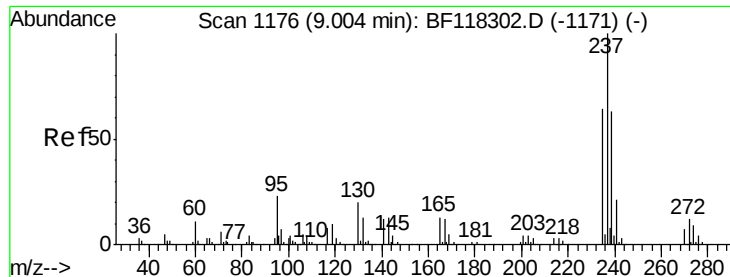
Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	216	Resp:	259445
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.3	94.9
179	24.1	18.9	28.3
108	20.6	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 63.238 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

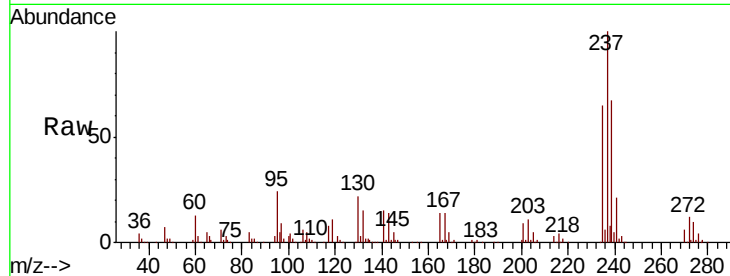
ClientSampleId :

GP-9-(8-10)MSD

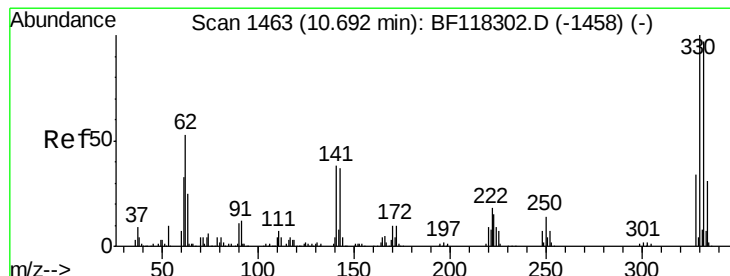
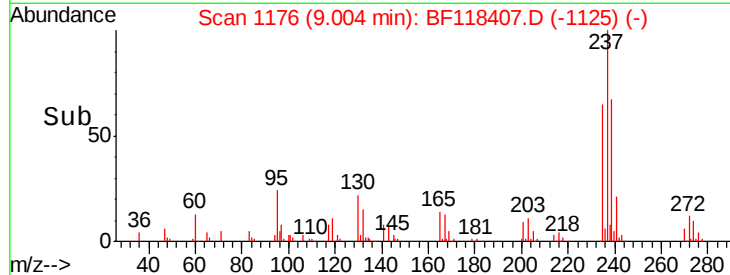
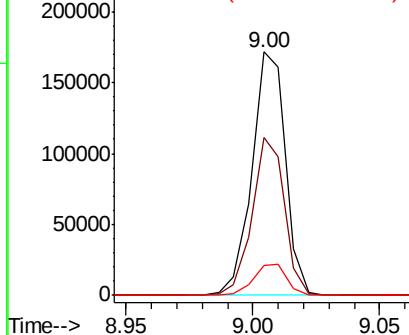
Tot Ion:	237	Resp:	157690
Ion Ratio	Lower	Upper	
237	100		
235	64.6	43.8	83.8
272	12.5	0.0	31.7

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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: 103.188 ng

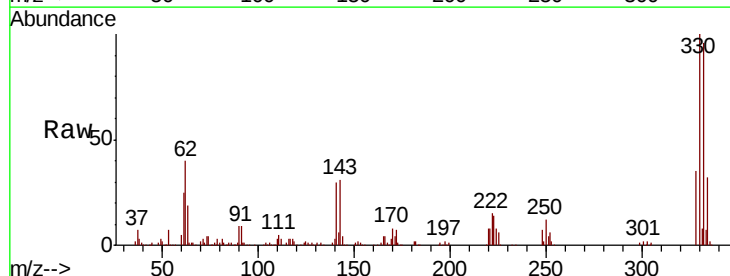
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

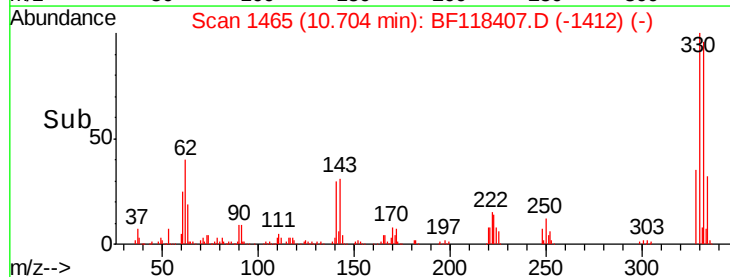
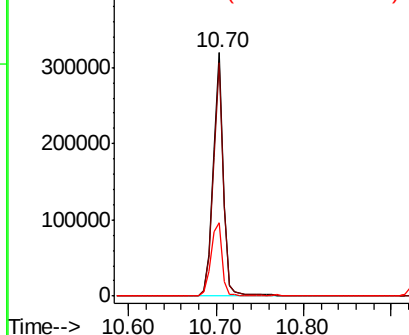
Lab File: BF118407.D

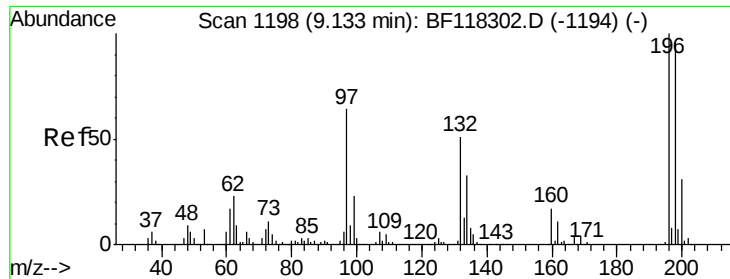
Acq: 31 Dec 2019 16:05

Tgt Ion:	330	Resp:	259921
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.6	114.8
141	33.9	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





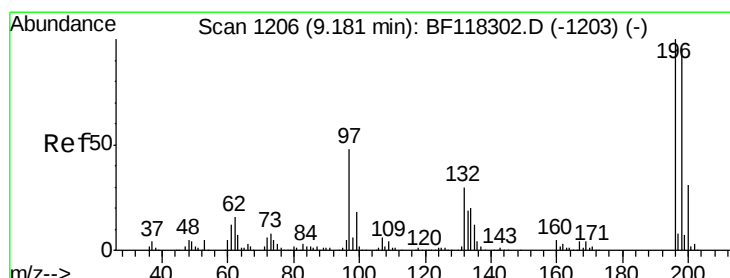
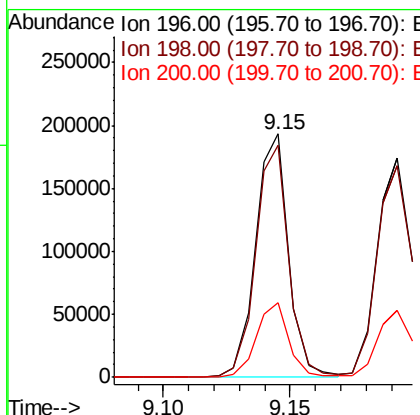
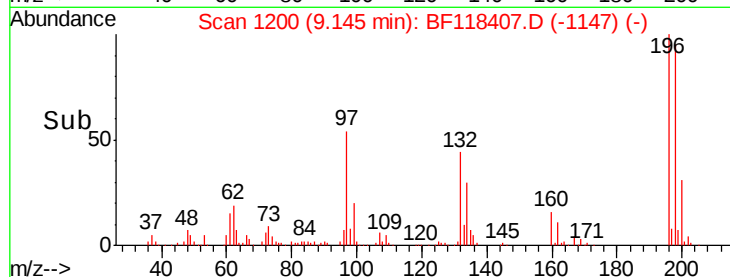
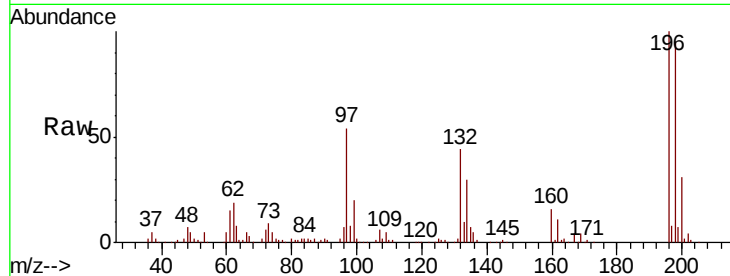
#43
 2,4,6-Trichlorophenol
 Concen: 42.700 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	174824		
198	95.3	76.7	115.1	
200	30.6	24.8	37.2	

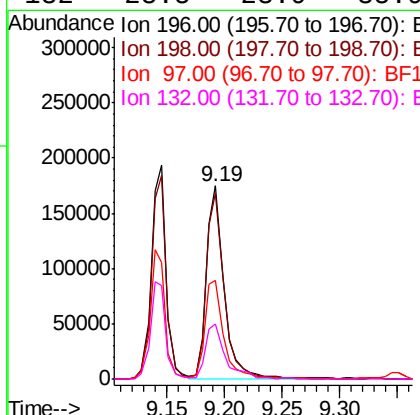
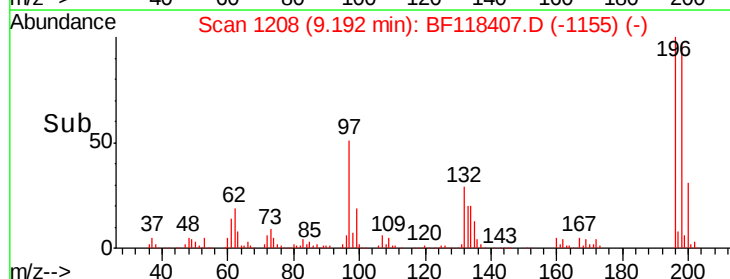
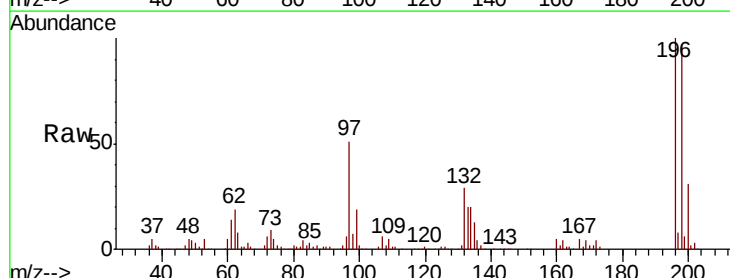
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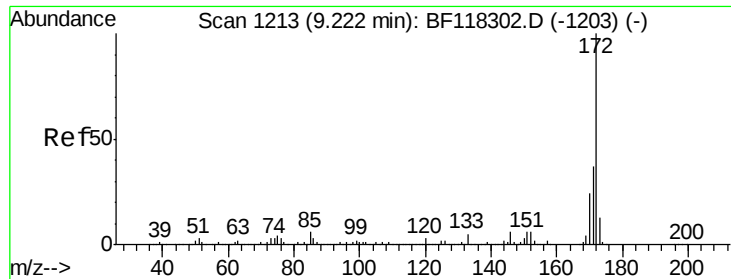
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#44
 2,4,5-Trichlorophenol
 Concen: 44.272 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186466		
198	96.5	77.0	115.4	
97	51.2	38.9	58.3	
132	28.5	23.9	35.9	





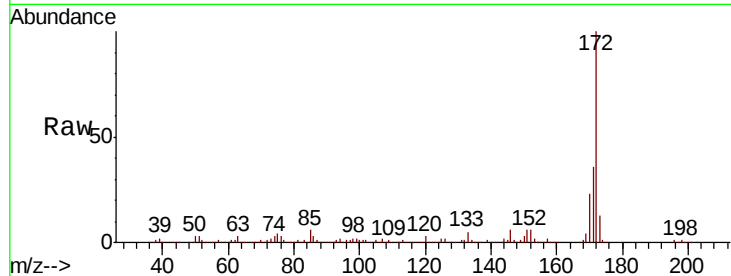
#45
2-Fluorobiphenyl
Concen: 63.239 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.3	43.9	
170	23.0	19.2	28.8	

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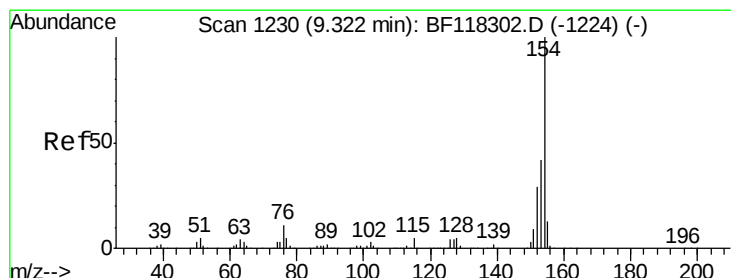
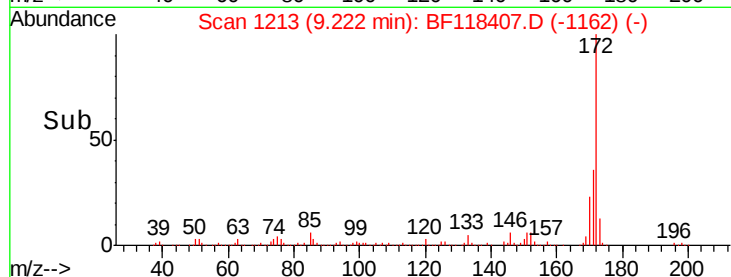
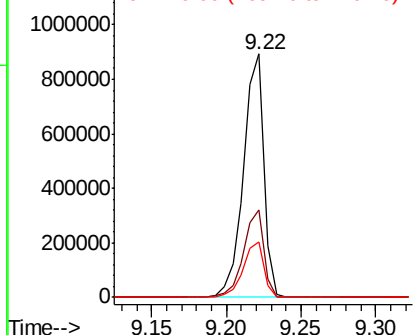


Abundance

Ion 172.00 (171.70 to 172.70): E

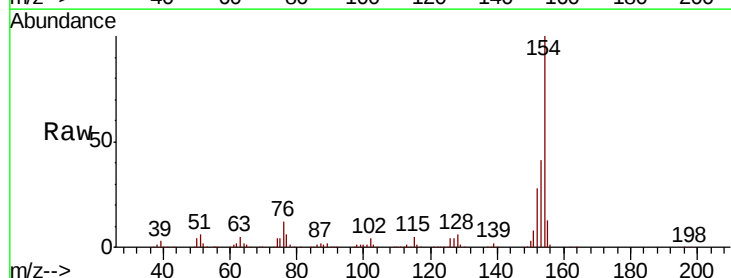
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.949 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.8	61.8	
76	11.8	0.0	30.9	

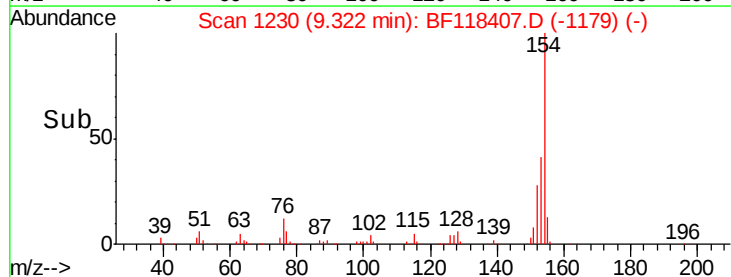
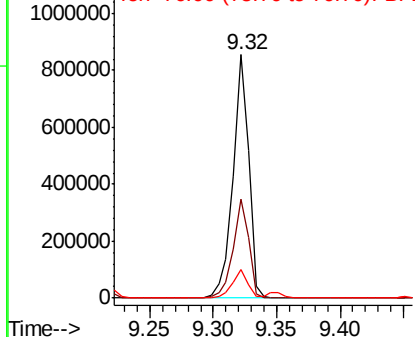


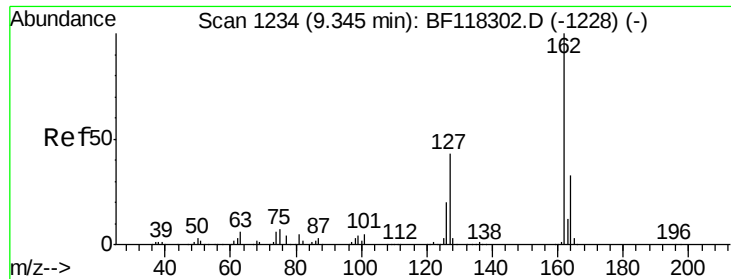
Abundance

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





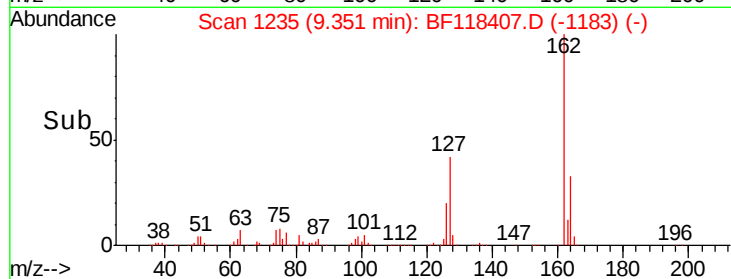
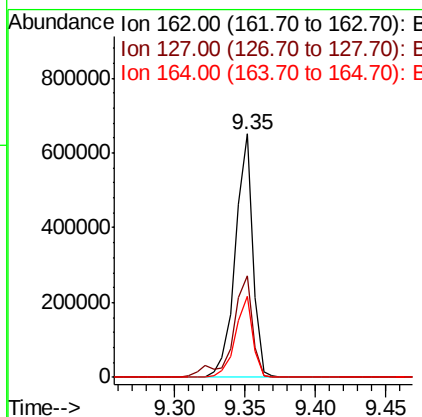
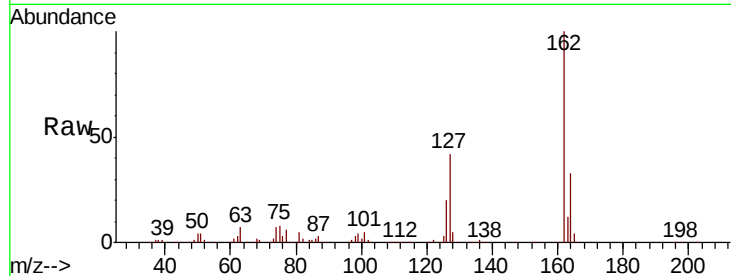
#47
2-Chloronaphthalene
Concen: 43.259 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	561687		
127	41.8	35.0	52.4	
164	33.1	26.6	40.0	

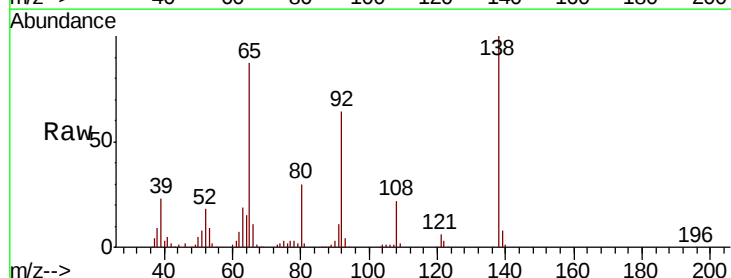
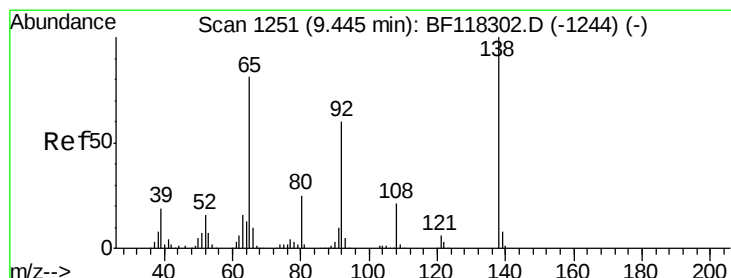
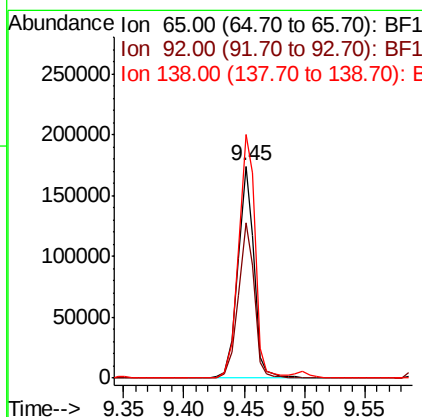
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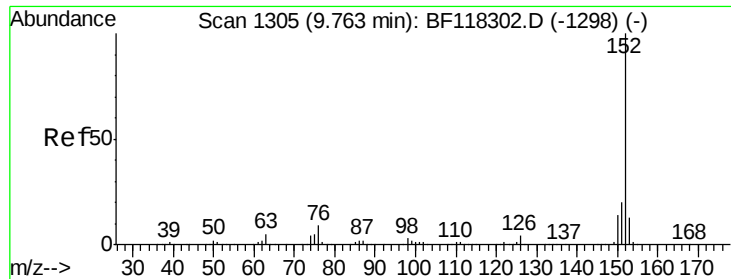
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#48
2-Nitroaniline
Concen: 44.141 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	161889		
92	73.0	58.7	88.1	
138	114.7	98.5	147.7	





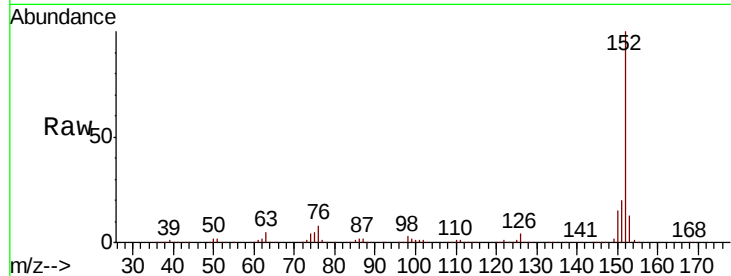
#49
Acenaphthylene
Concen: 46.198 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.5	10.5	15.7

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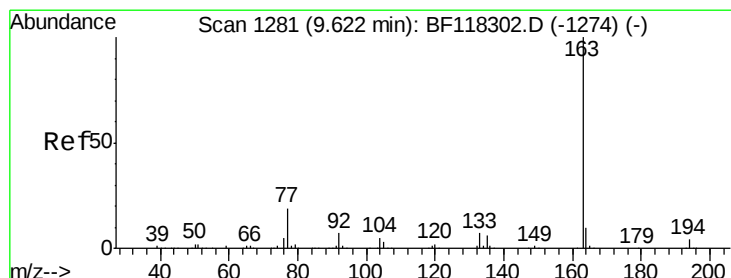
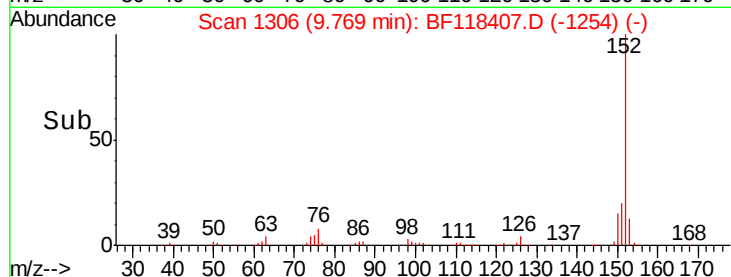
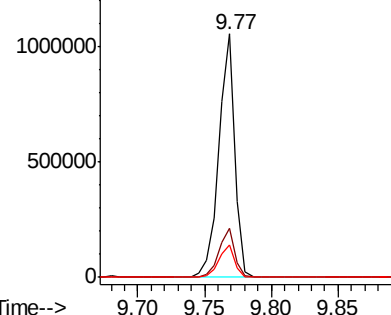


Abundance

Ion 152.00 (151.70 to 152.70): E

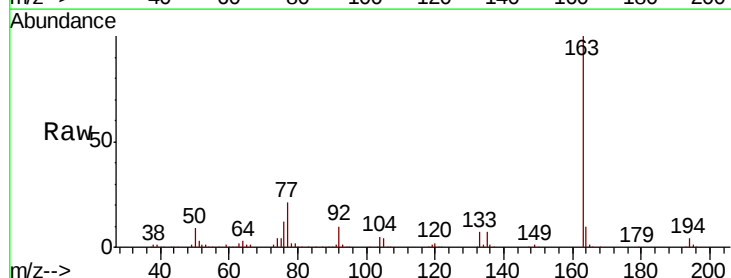
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 47.123 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.1	7.9	11.9

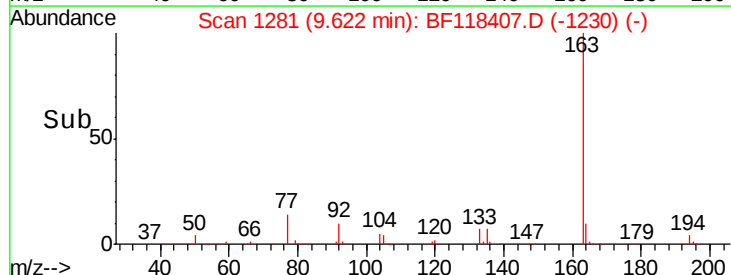
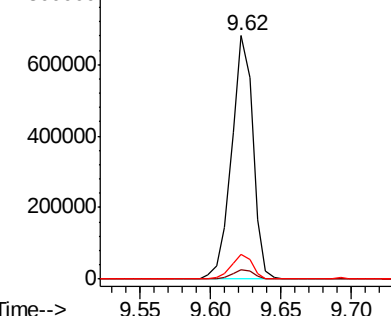


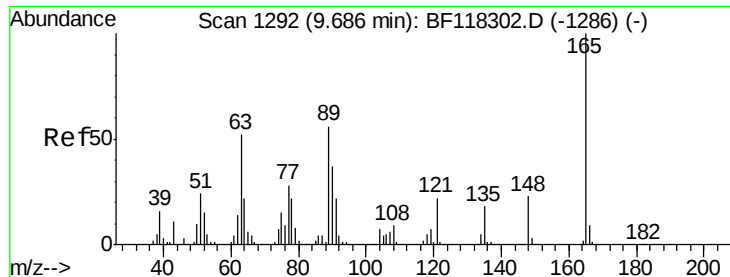
Abundance

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: 45.306 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

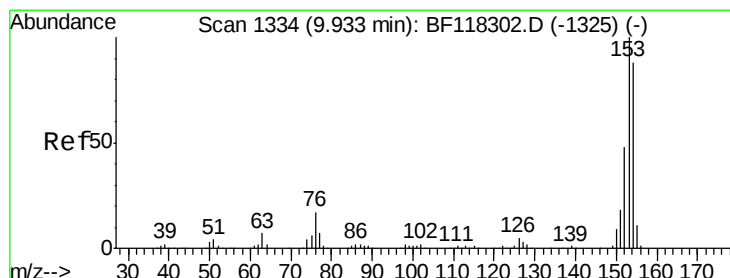
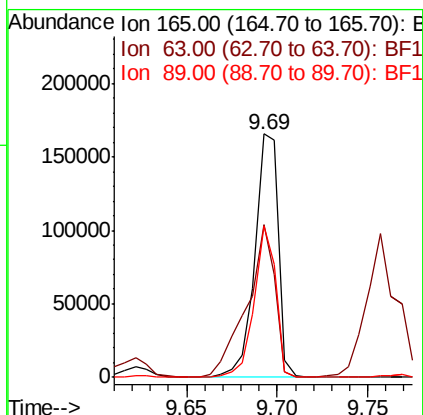
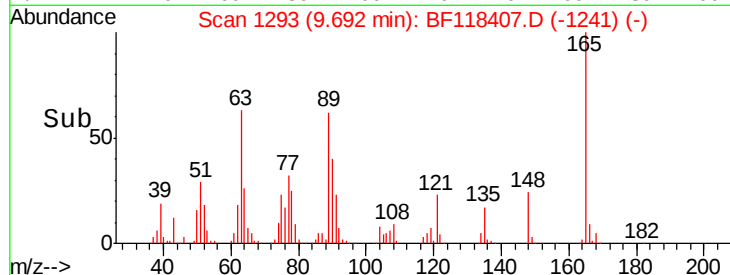
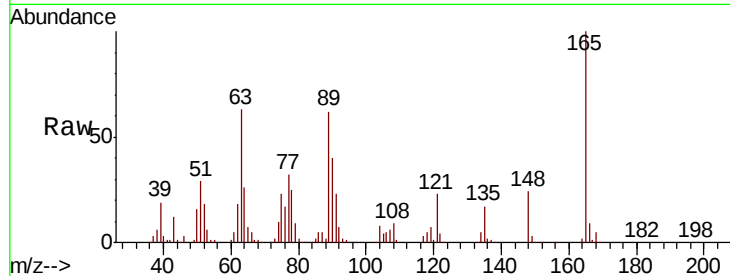
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	165	Resp:	149550
Ion Ratio	Lower	Upper	
165	100		
63	62.9	42.2	63.4
89	62.3	44.4	66.6

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#52

Acenaphthene

Concen: 46.327 ng

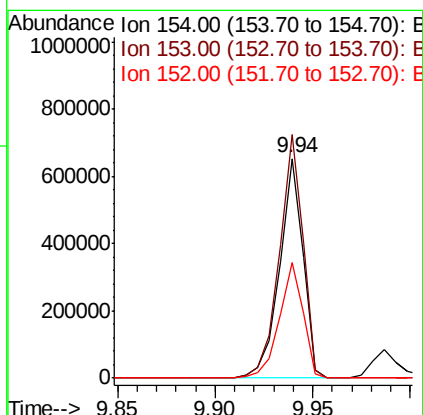
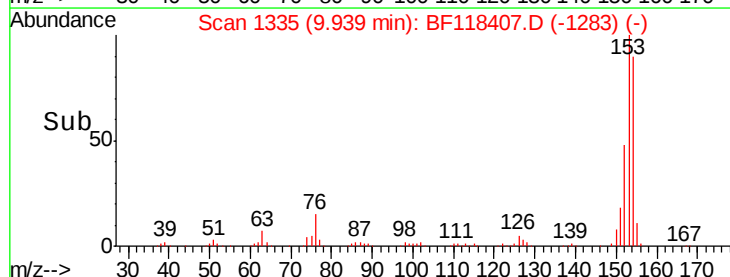
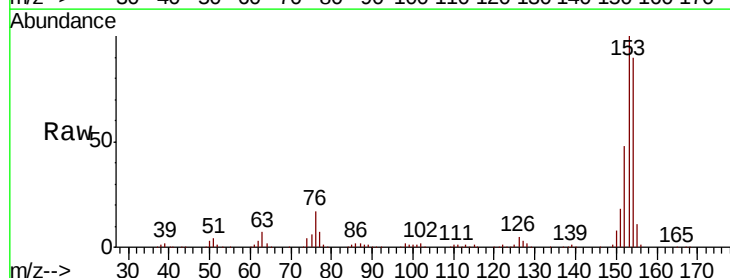
RT: 9.94 min Scan# 1335

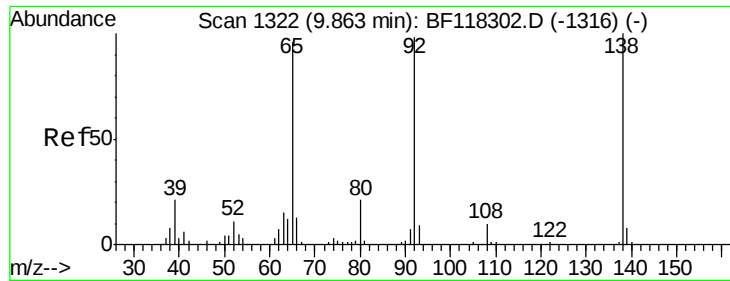
Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	154	Resp:	543399
Ion Ratio	Lower	Upper	
154	100		
153	111.0	90.6	136.0
152	52.9	43.1	64.7





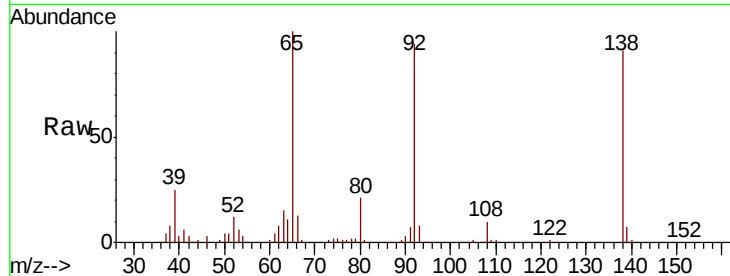
#53
3-Nitroaniline
Concen: 23.521 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.8
92	102.3	78.2	117.2

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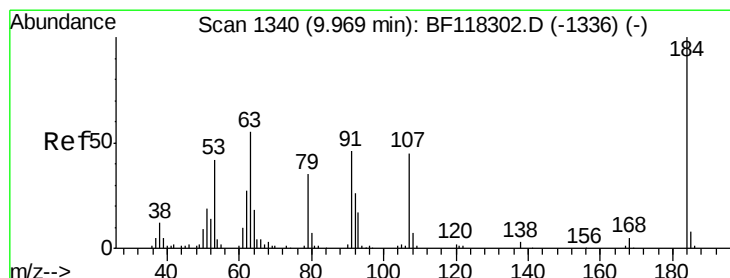
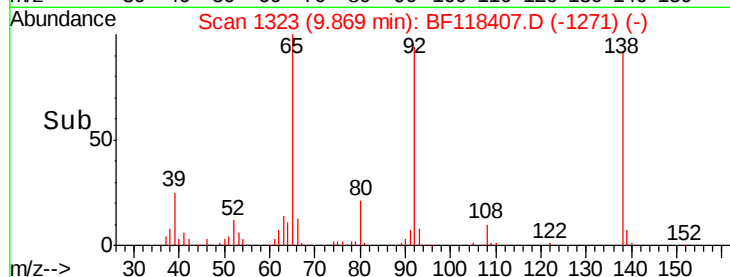
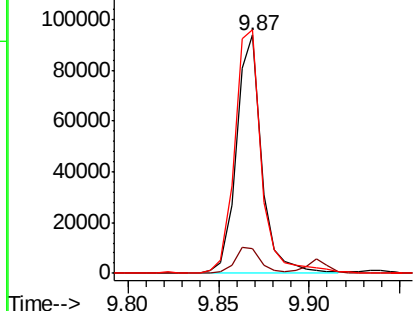


Abundance

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: 73.492 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

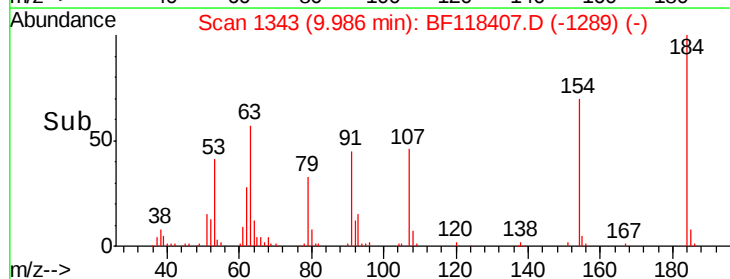
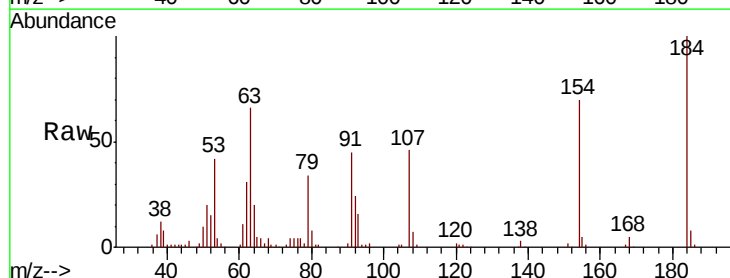
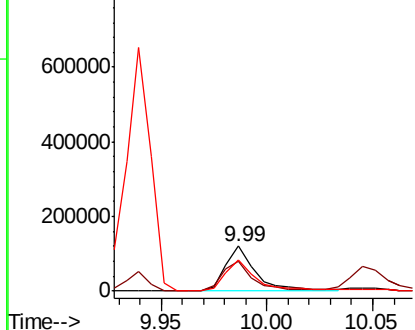
Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.0	48.8	73.2
154	70.4	55.0	82.4

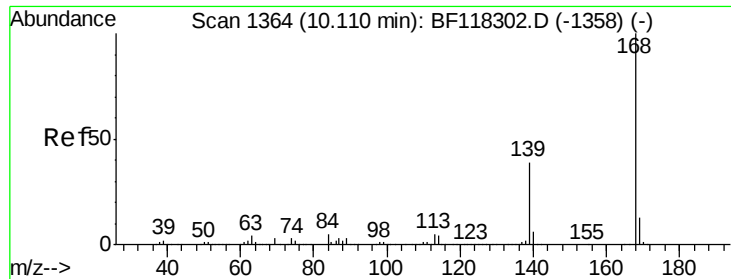
Abundance

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





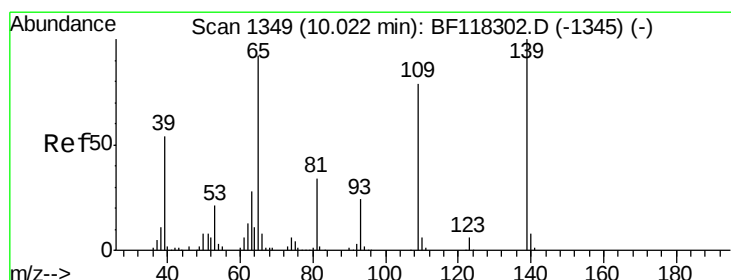
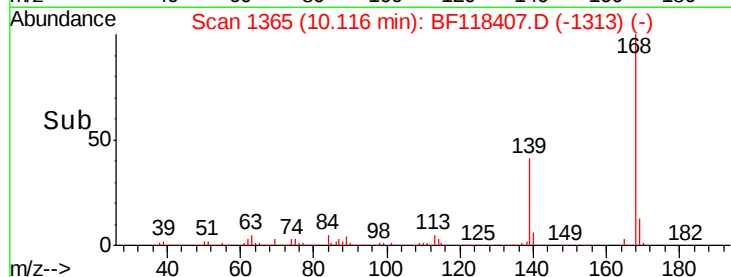
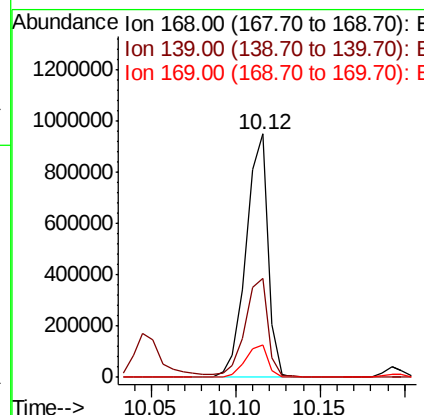
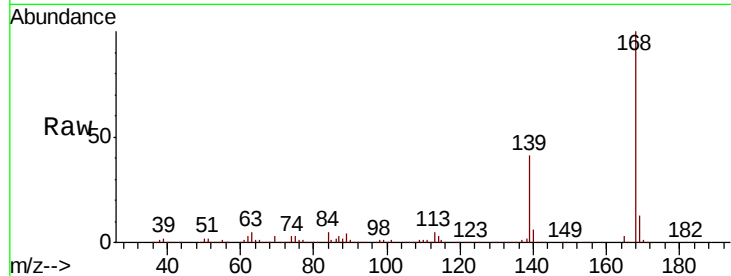
#55
Dibenzofuran
Concen: 49.747 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.5	47.3
169	13.2	10.4	15.6

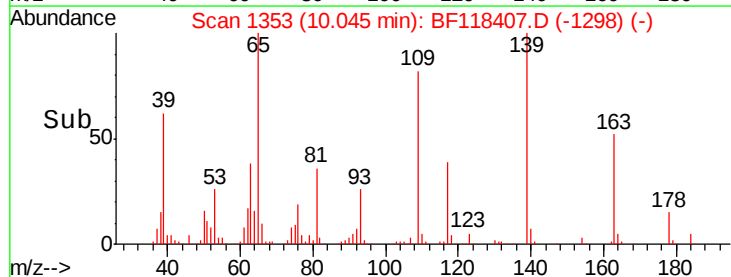
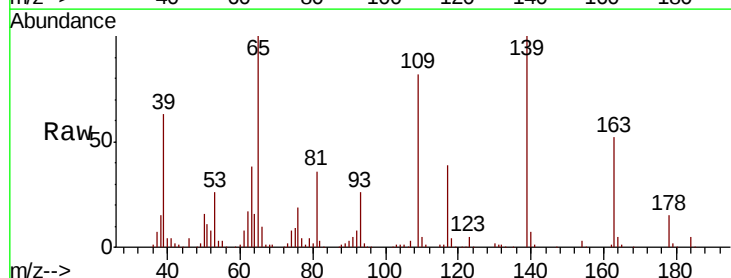
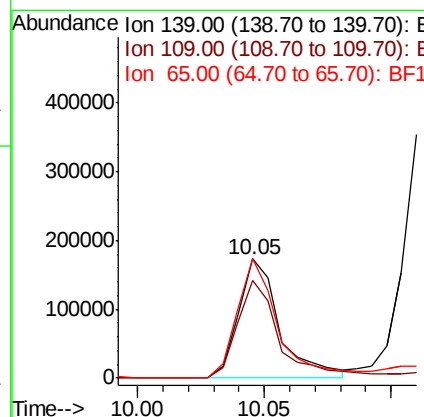
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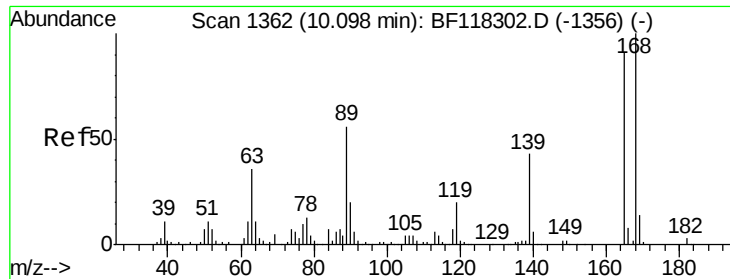
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#56
4-Nitrophenol
Concen: 81.800 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.3	59.3	99.3
65	100.3	72.4	112.4





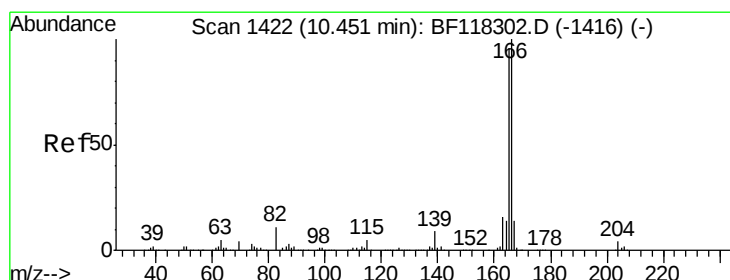
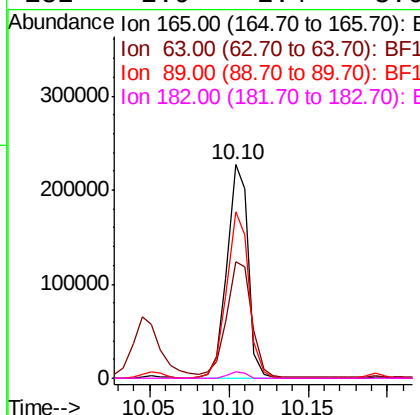
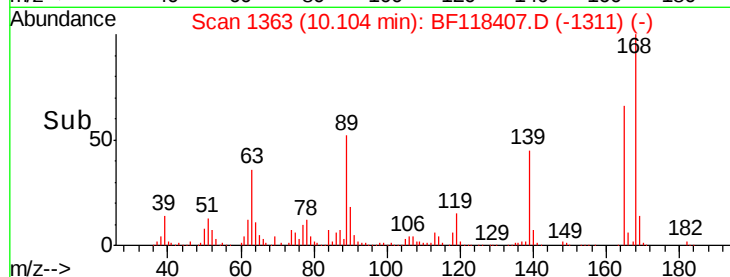
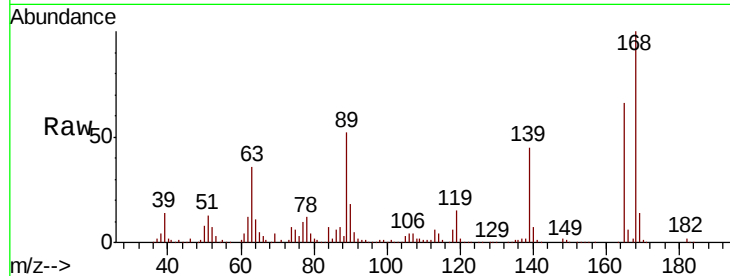
#57
2,4-Dinitrotoluene
Concen: 47.785 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.7	32.0	48.0#	
89	77.9	49.3	73.9#	
182	2.9	2.4	3.6	

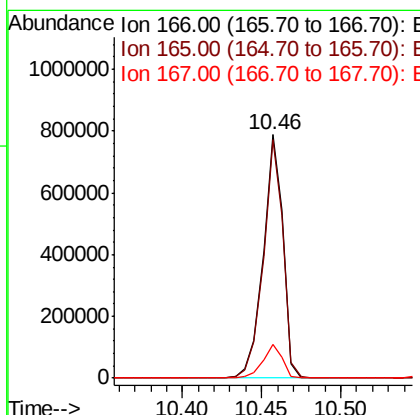
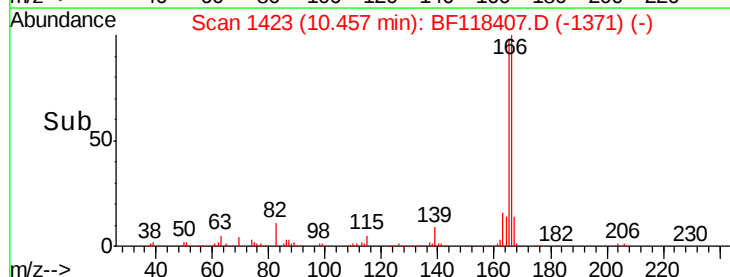
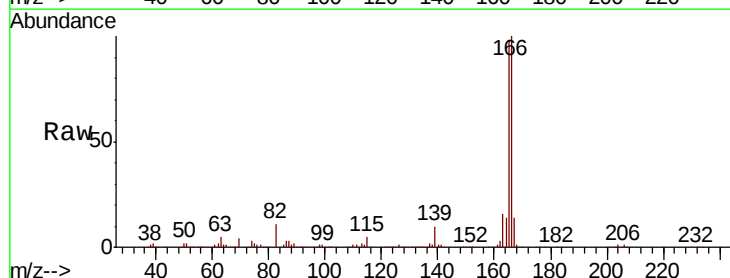
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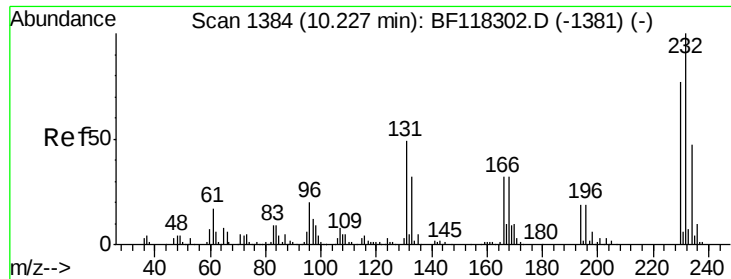
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#58
Fluorene
Concen: 49.548 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.8	77.0	115.4	
167	13.6	10.9	16.3	





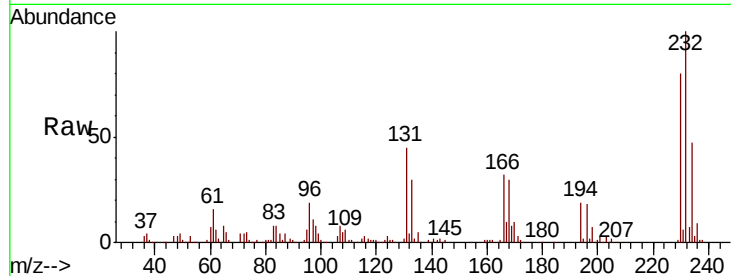
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.714 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.4	37.7	56.5
130	2.8	2.0	3.0
166	31.9	24.7	37.1

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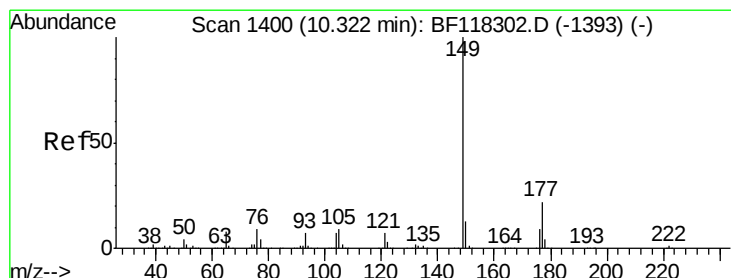
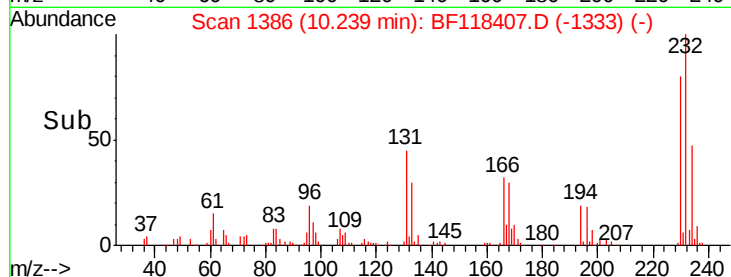
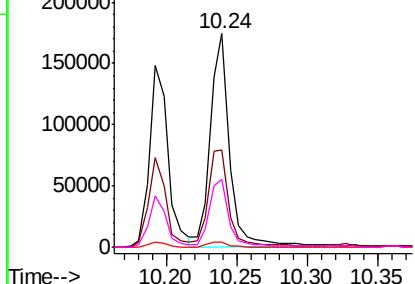
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 47.917 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

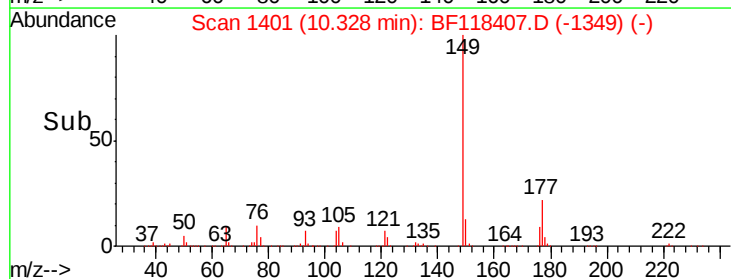
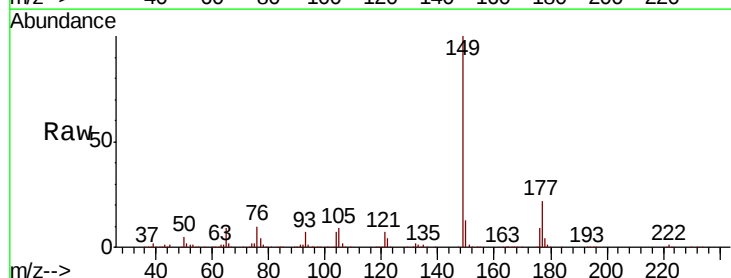
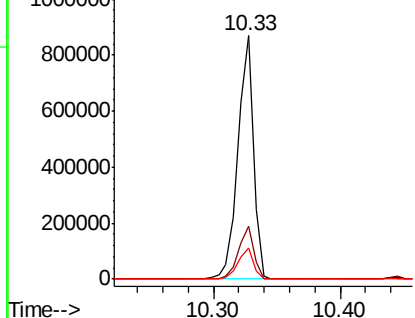
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.9	26.9
150	12.8	10.2	15.2

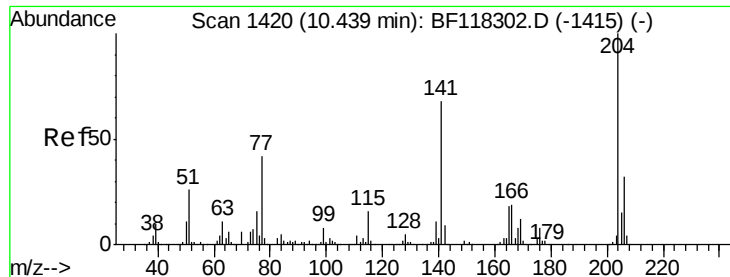
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





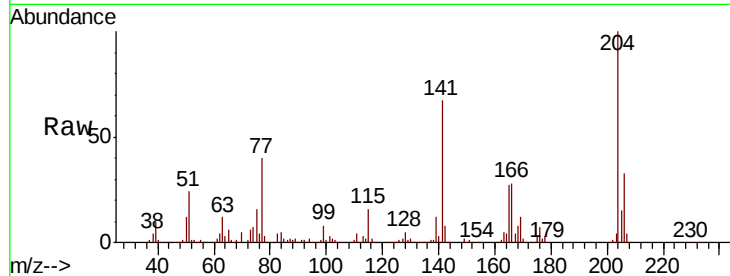
#61
4-Chlorophenyl-phenylether
Concen: 47.942 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	67.2	54.2	81.4

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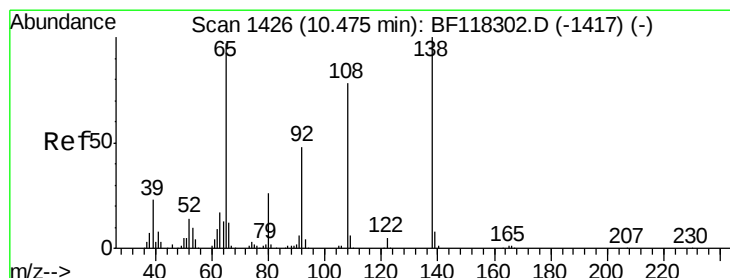
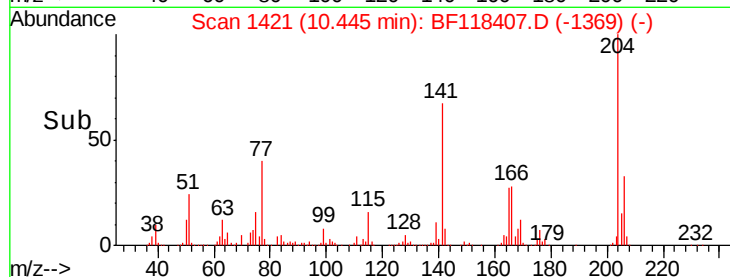
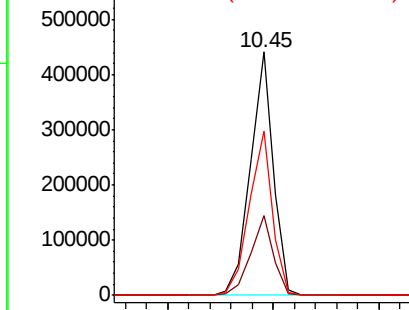


Abundance

Ion 204.00 (203.70 to 204.70): E

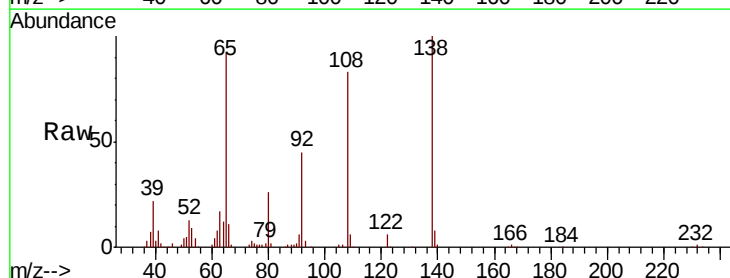
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.902 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.2	27.9	67.9
108	82.6	58.1	98.1

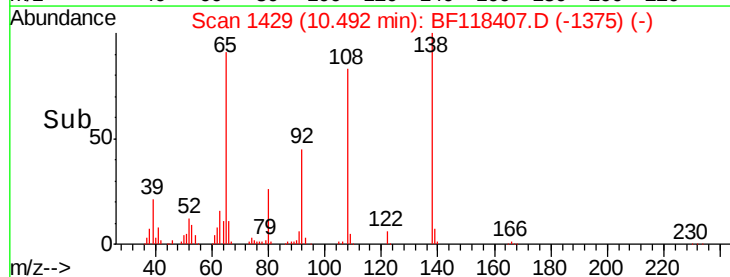
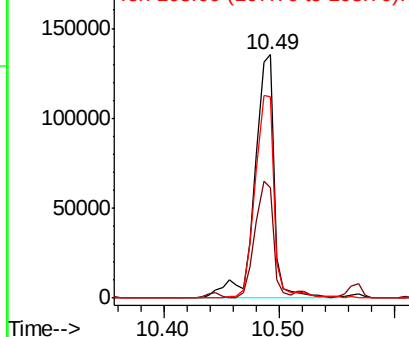


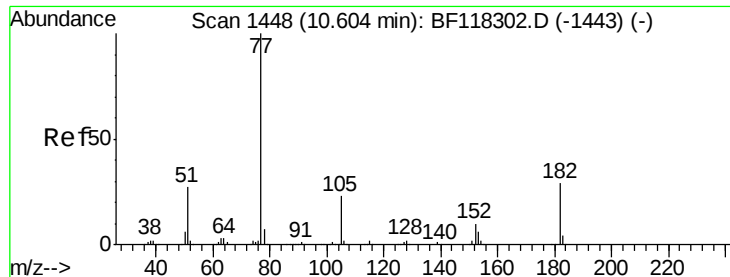
Abundance

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





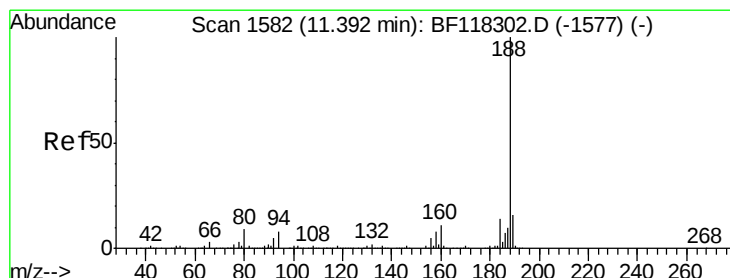
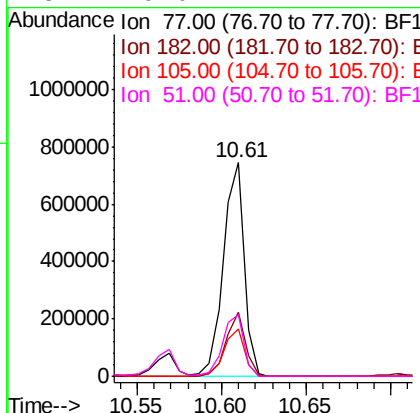
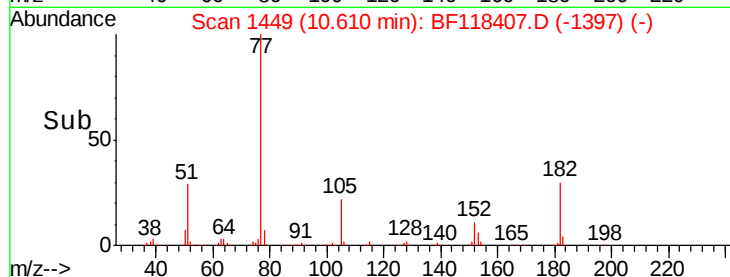
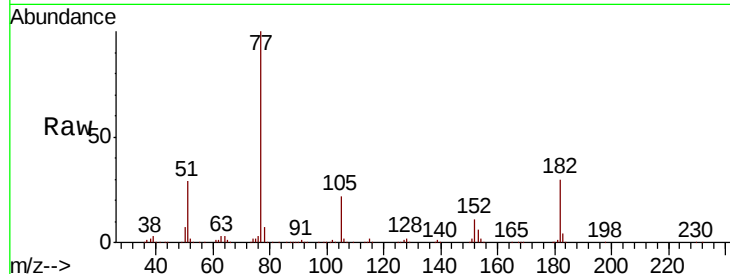
#63
Azobenzene
Concen: 49.116 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		637247		
182	30.0	9.2	49.2		
105	22.4	3.2	43.2		
51	29.0	7.1	47.1		

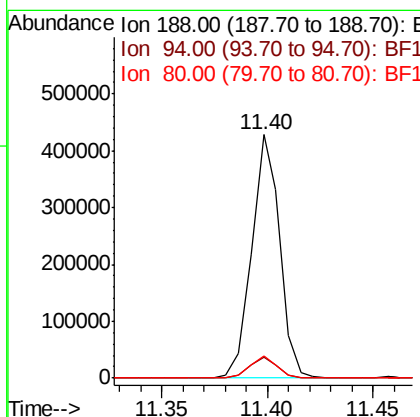
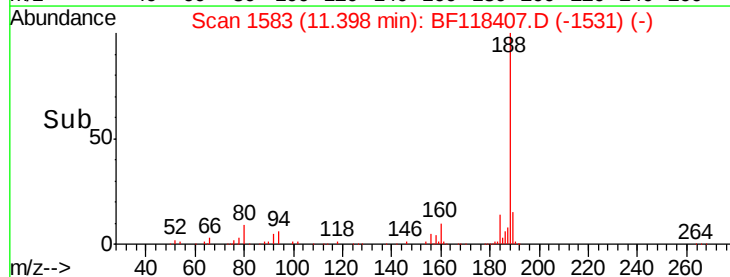
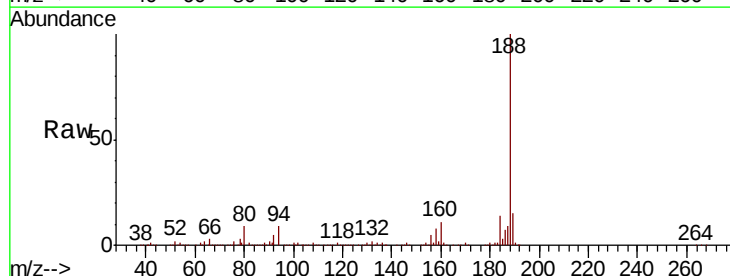
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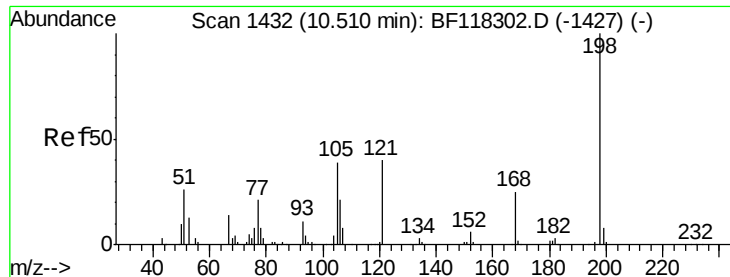
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		393430		
94	8.6	6.7	10.1		
80	9.0	7.2	10.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 46.344 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

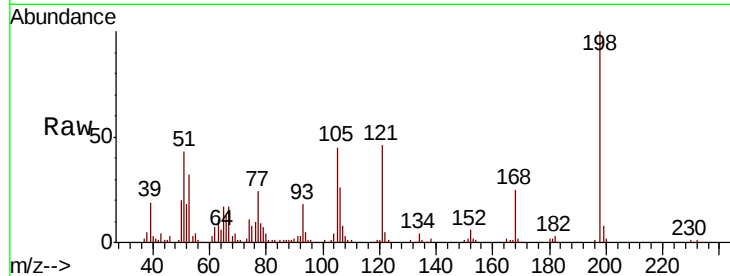
ClientSampleId :

GP-9-(8-10)MSD

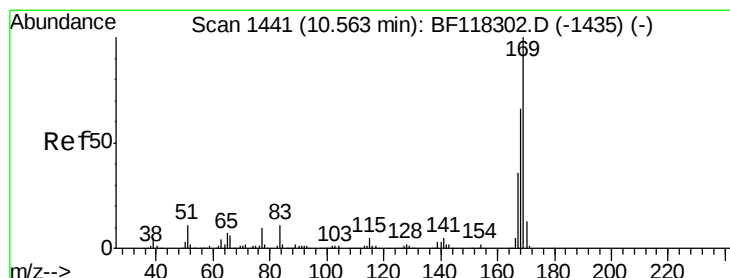
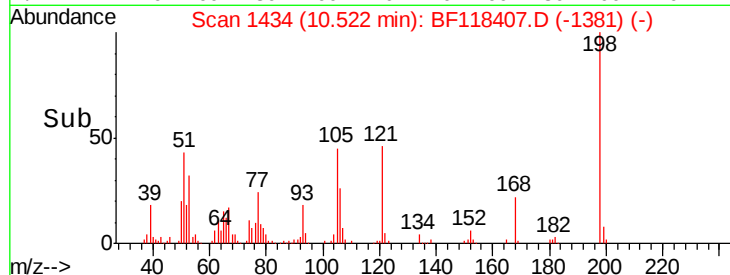
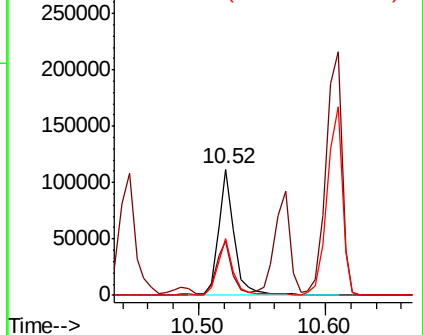
Tot Ion:	198	Resp:	98362
Ion Ratio	Lower	Upper	
198	100		
51	43.3	12.8	52.8
105	44.8	20.3	60.3

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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: 45.875 ng

RT: 10.57 min Scan# 1442

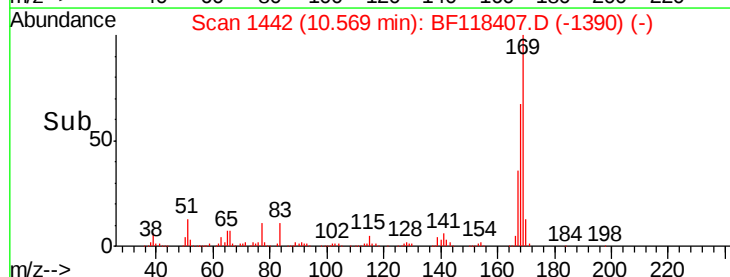
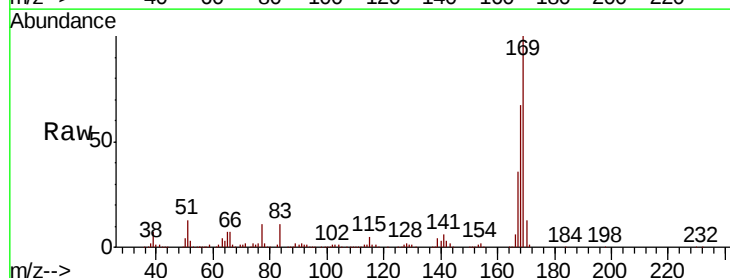
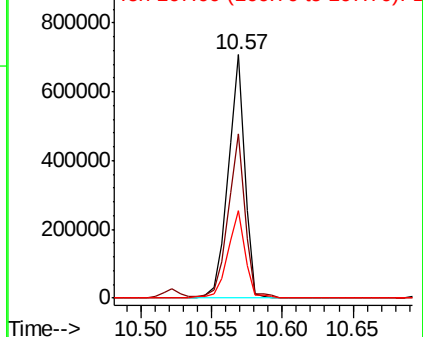
Delta R.T. 0.01 min

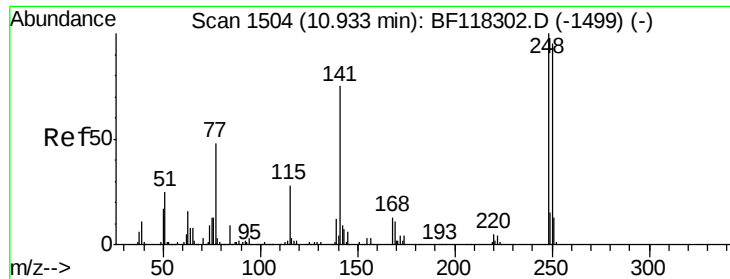
Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	169	Resp:	578449
Ion Ratio	Lower	Upper	
169	100		
168	67.3	52.6	79.0
167	36.0	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





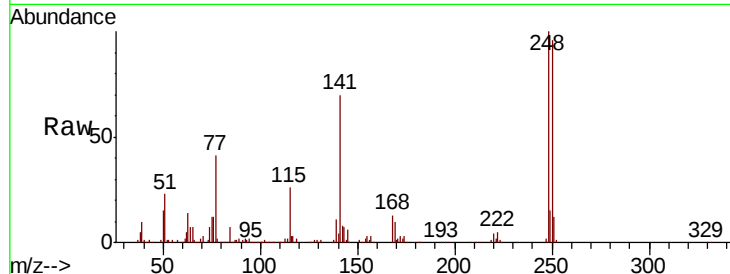
#67
4-Bromophenyl-phenylether
Concen: 44.817 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.4	114.6
141	70.3	60.2	90.2

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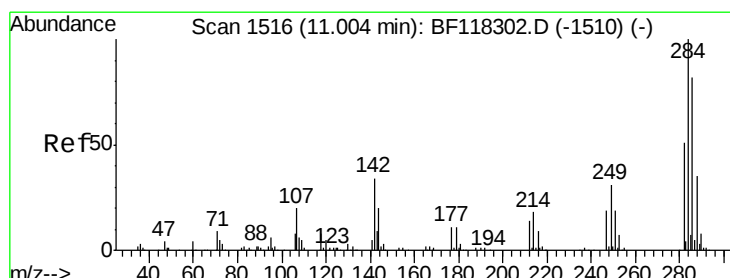
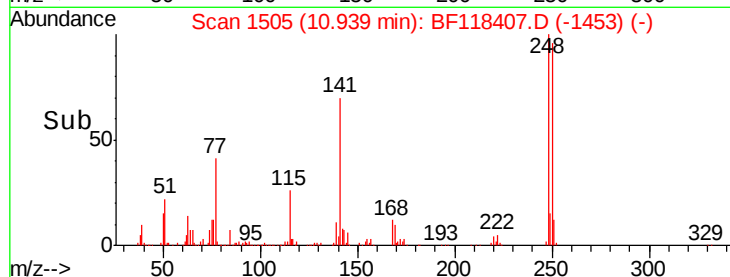
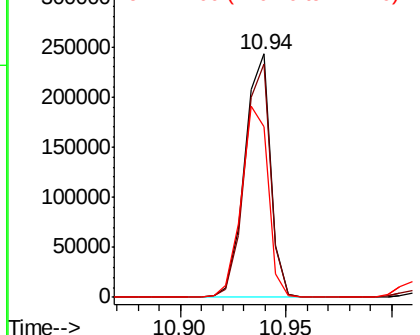


Abundance

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: 43.303 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

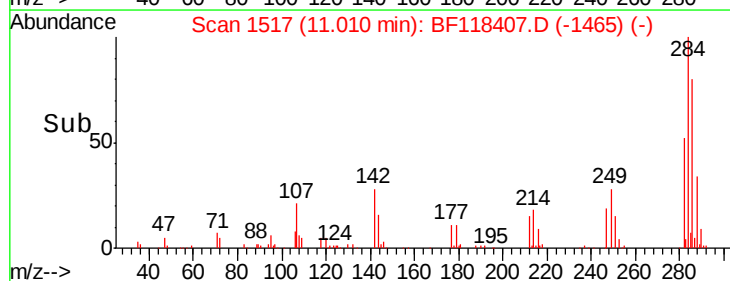
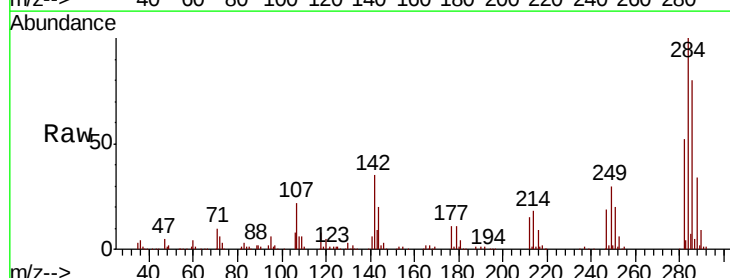
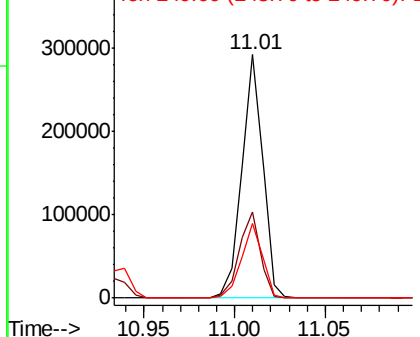
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	27.3	40.9
249	30.5	25.0	37.6

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





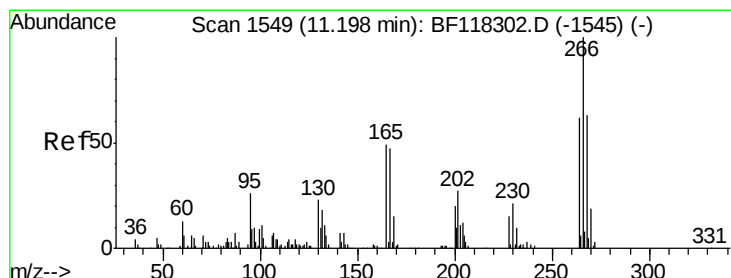
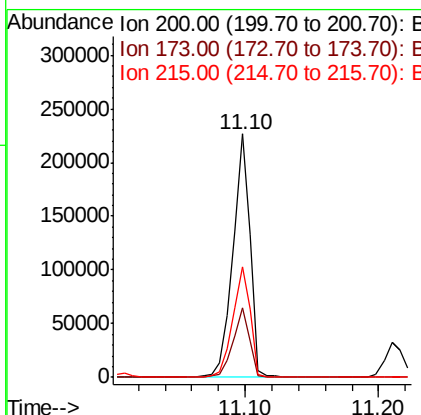
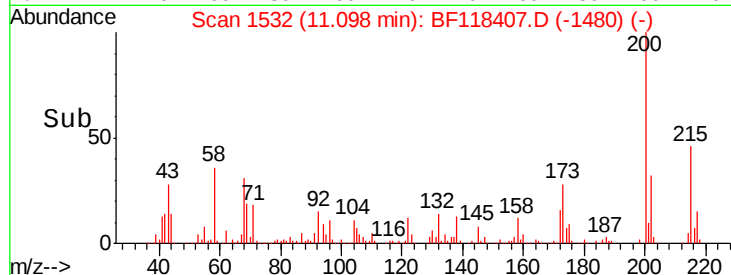
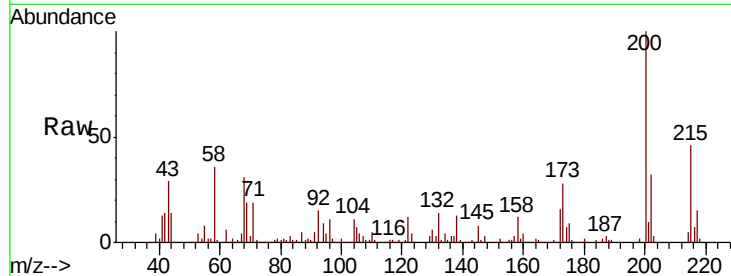
#69
Atrazine
Concen: 52.710 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	5.8	45.8
215	45.6	25.1	65.1

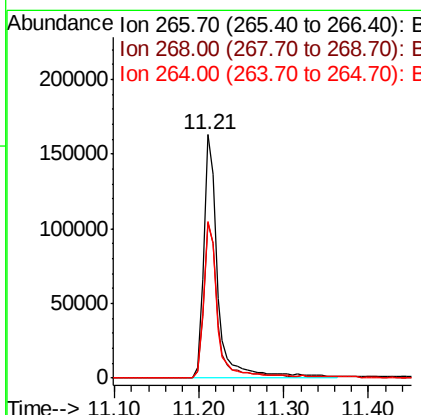
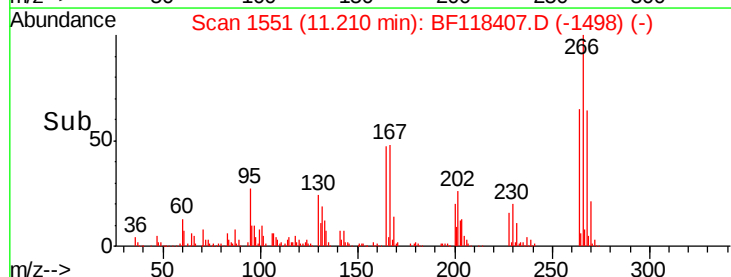
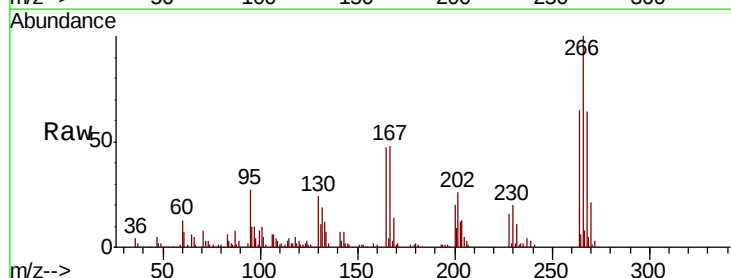
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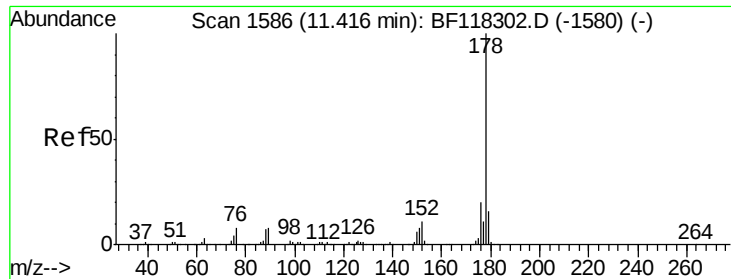
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#70
Pentachlorophenol
Concen: 80.979 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.9	50.6	76.0
264	64.6	49.9	74.9





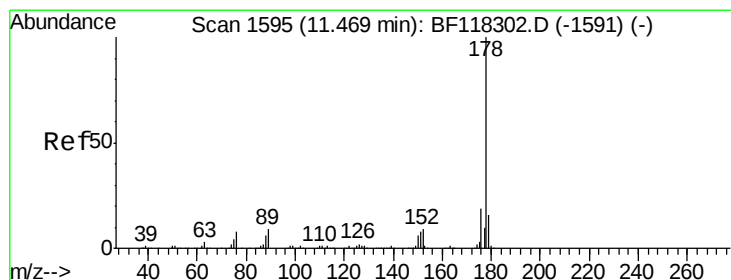
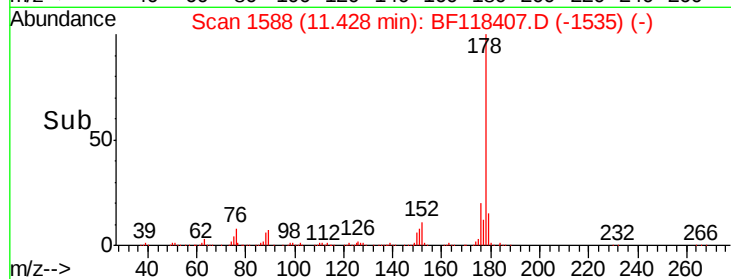
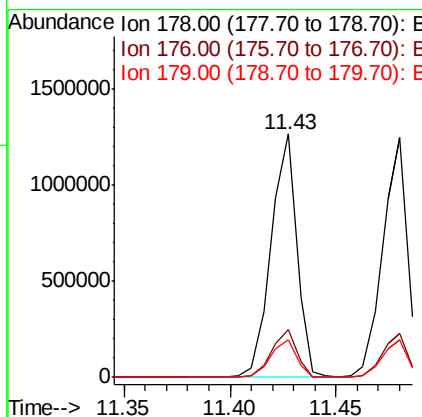
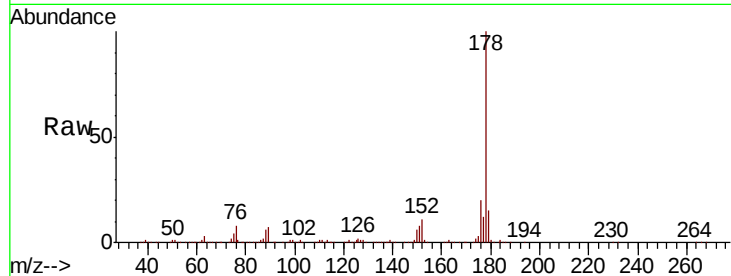
#71
Phenanthrene
Concen: 50.347 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion:178 Resp: 1079829
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.6 19.0

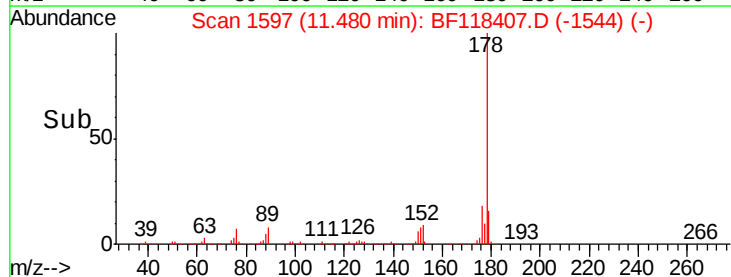
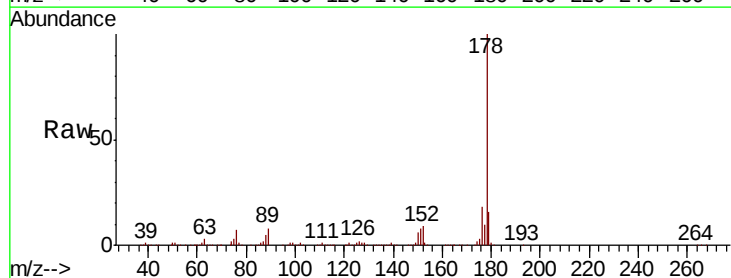
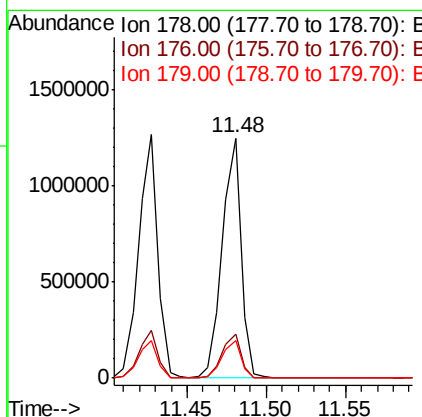
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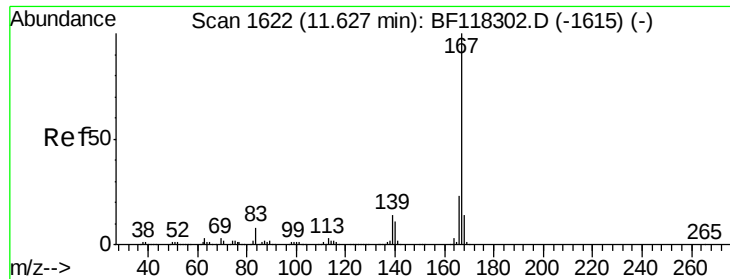
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#72
Anthracene
Concen: 48.440 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion:178 Resp: 1039916
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.6 12.9 19.3





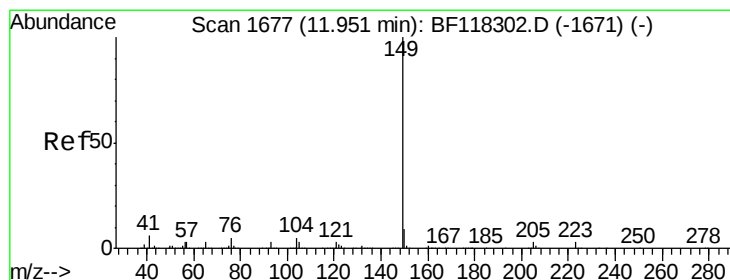
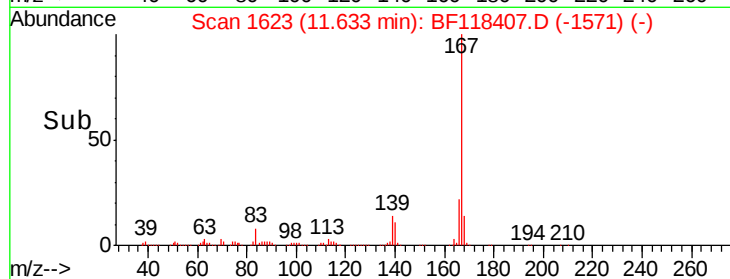
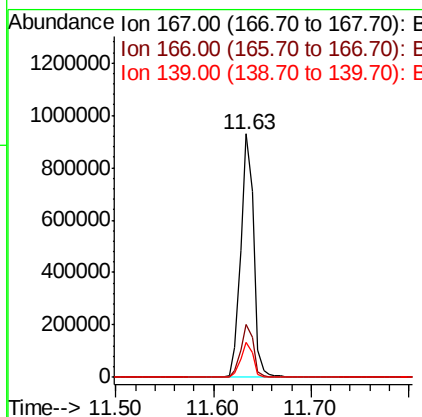
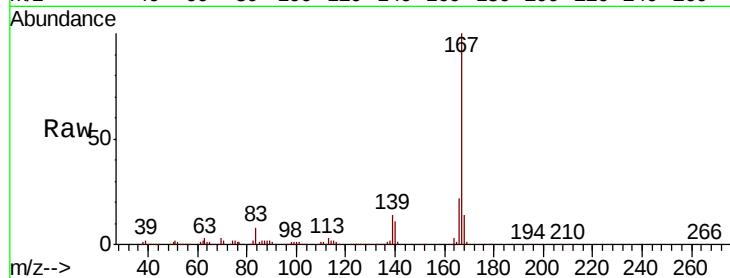
#73
 Carbazole
 Concen: 44.923 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

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

Tot Ion:	167	Resp:	855757
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.1	27.1
139	14.3	11.5	17.3

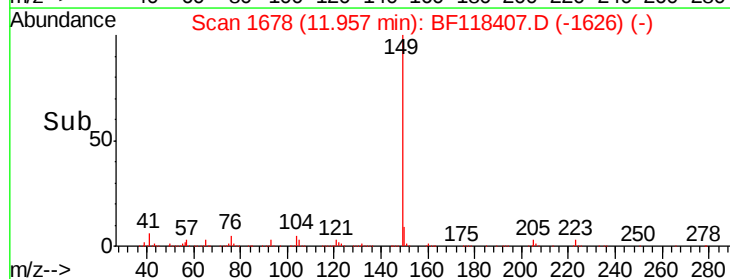
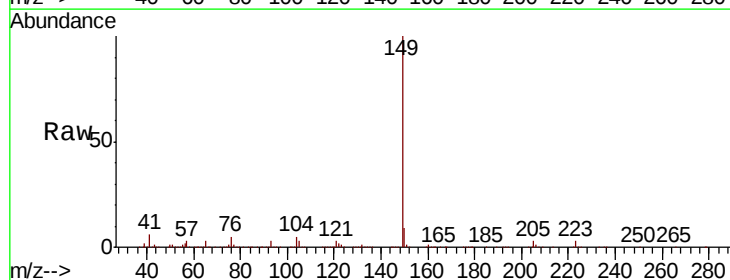
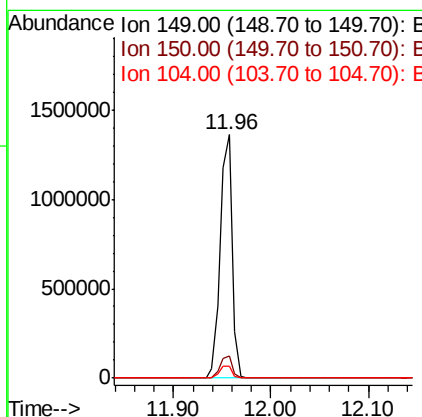
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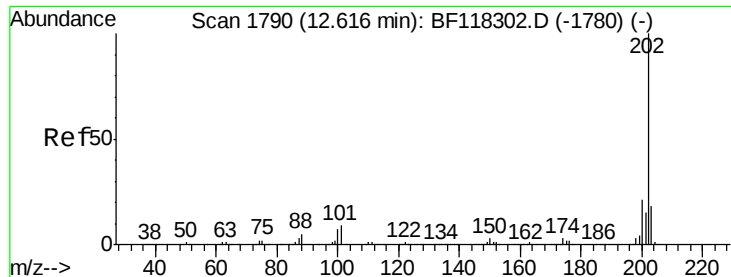
mohammad
 1/2/2020 11:49:54 AM



#74
 Di-n-butylphthalate
 Concen: 48.051 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118407.D
 Acq: 31 Dec 2019 16:05

Tgt Ion:	149	Resp:	1160616
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 50.135 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

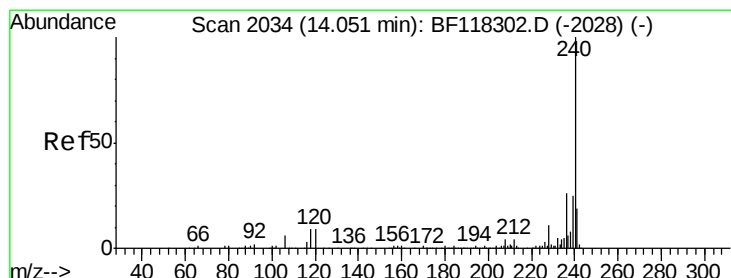
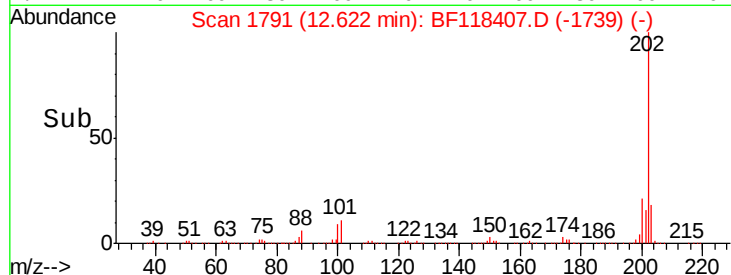
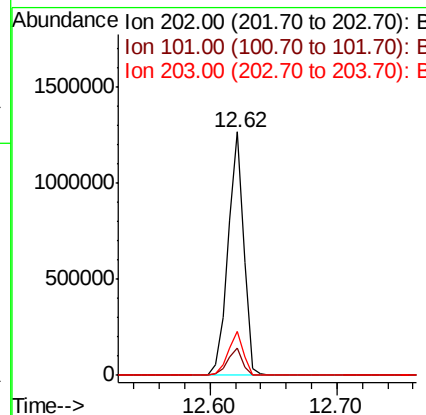
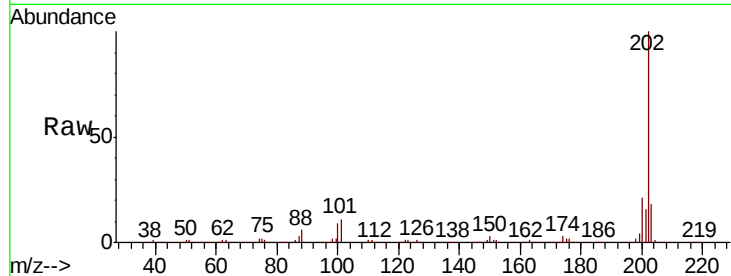
ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:	202	Resp:	1085191
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	29.5
203	17.8	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

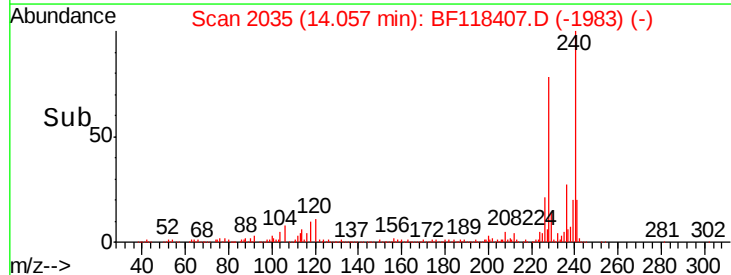
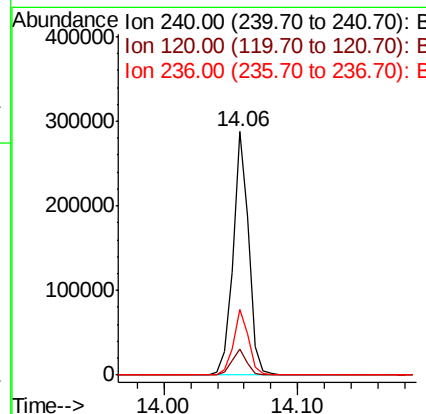
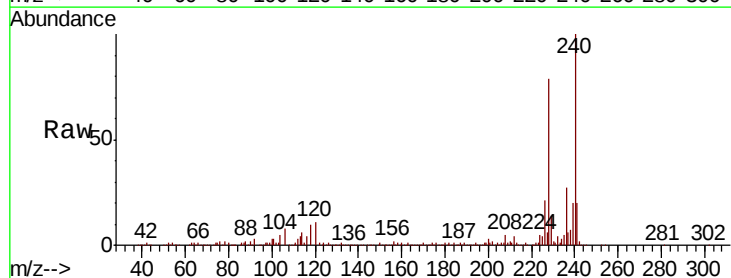
RT: 14.06 min Scan# 2035

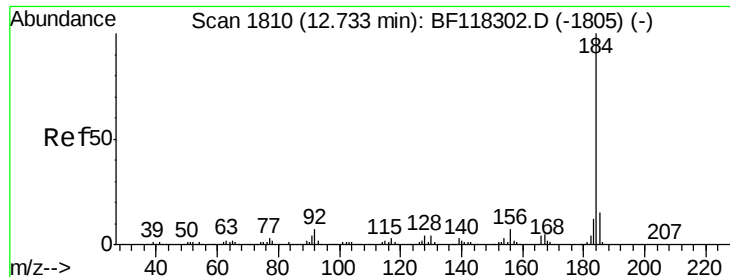
Delta R.T. 0.01 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Tgt Ion:	240	Resp:	237430
Ion Ratio	Lower	Upper	
240	100		
120	10.7	7.1	10.7
236	26.7	21.0	31.6





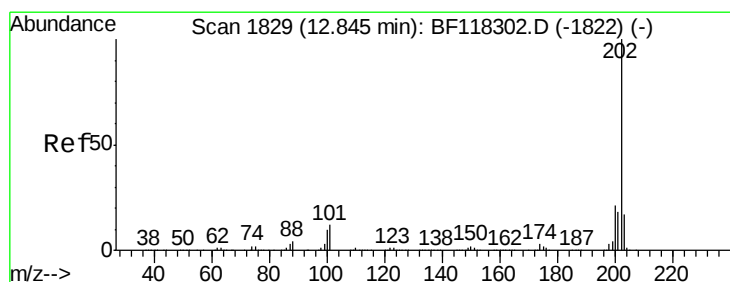
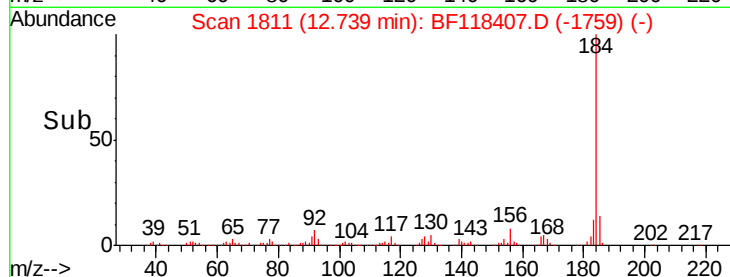
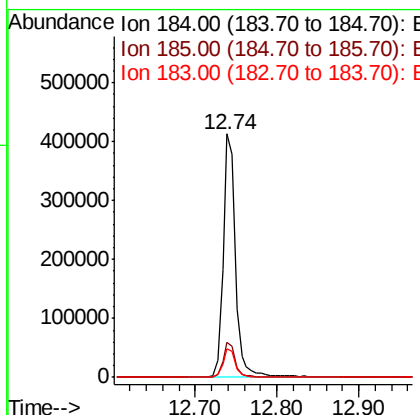
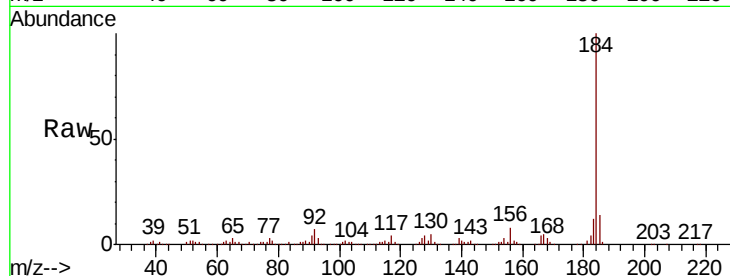
#77
Benzidine
Concen: 67.066 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.3	18.5
183	11.8	9.4	14.2

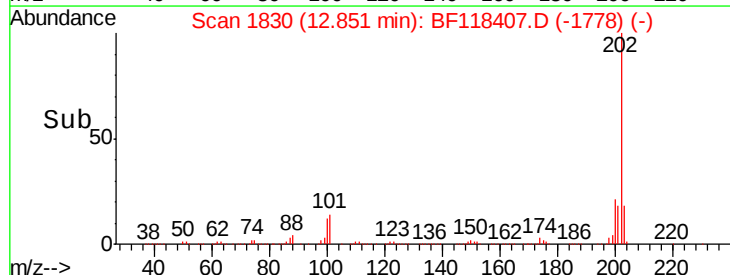
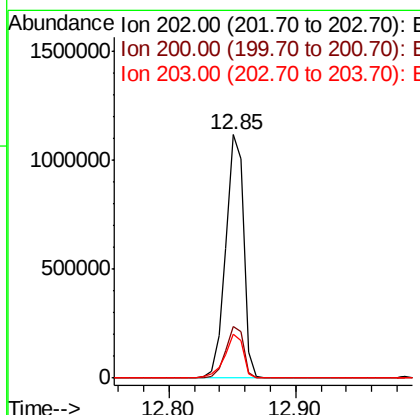
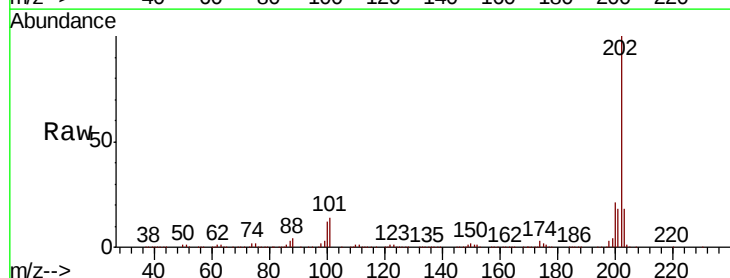
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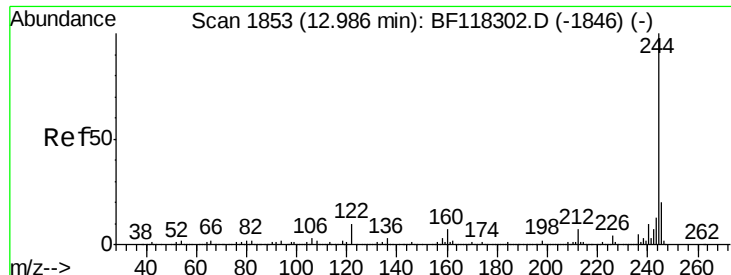
mohammad
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#78
Pyrene
Concen: 56.266 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	17.9	13.9	20.9





#79

Terphenyl-d14

Concen: 67.138 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

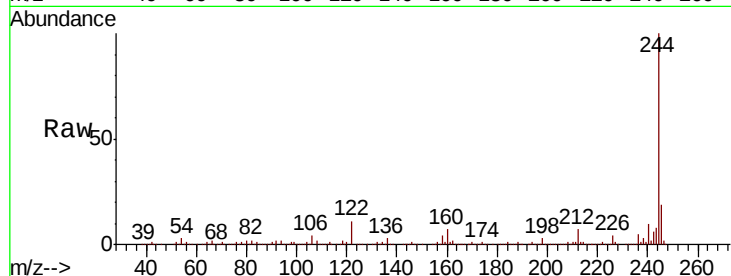
ClientSampleId :

GP-9-(8-10)MSD

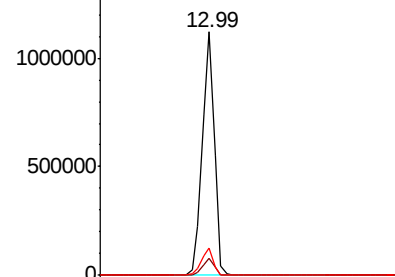
Tot Ion:	244	Resp:	960844
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.2
122	11.2	7.8	11.8

Manual Integrations
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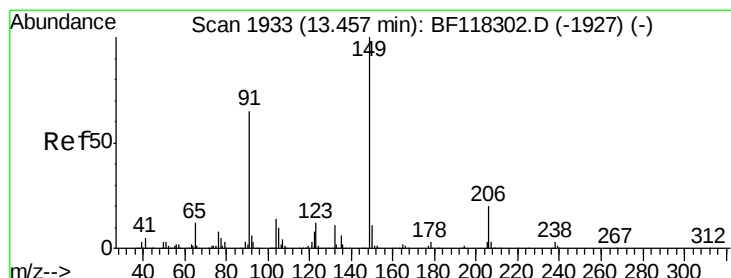
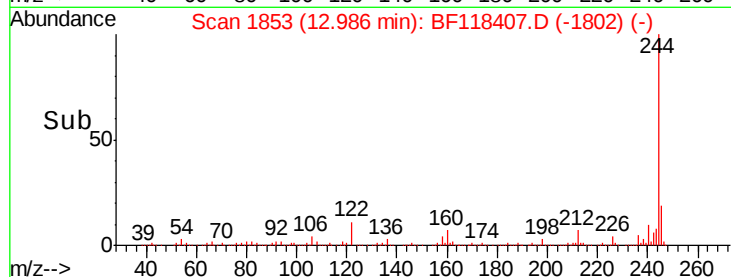
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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 53.263 ng

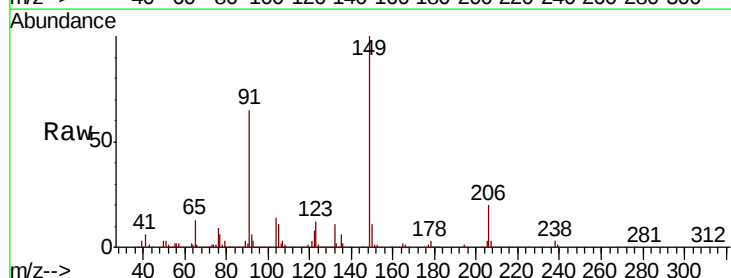
RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

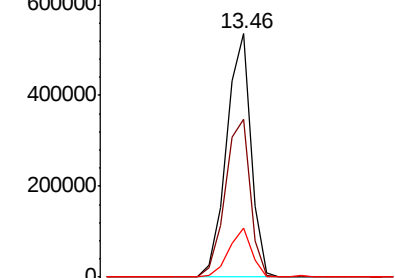
Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

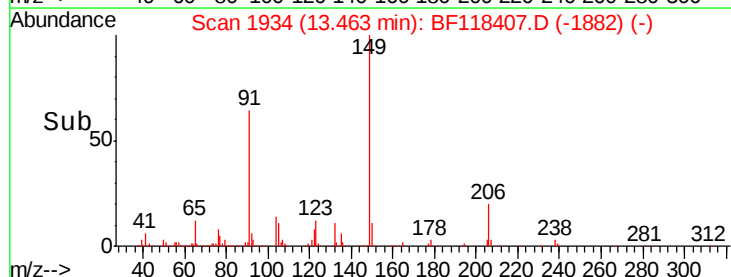
Tgt Ion:	149	Resp:	464986
Ion Ratio	Lower	Upper	
149	100		
91	64.6	51.8	77.6
206	20.0	15.7	23.5

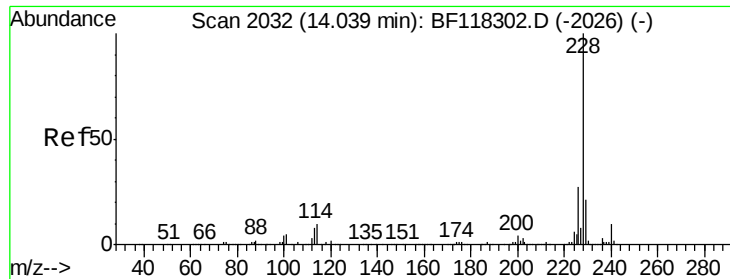


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



Time-->





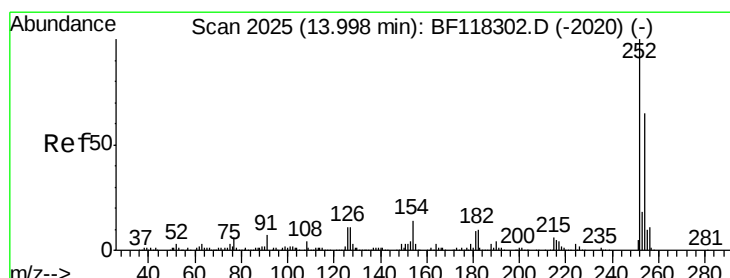
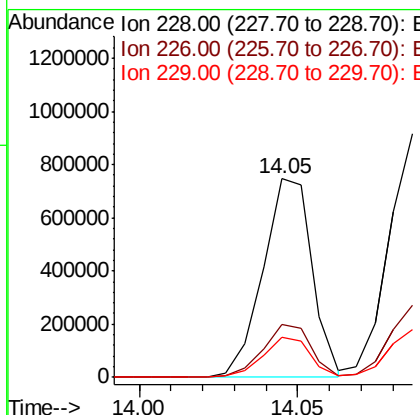
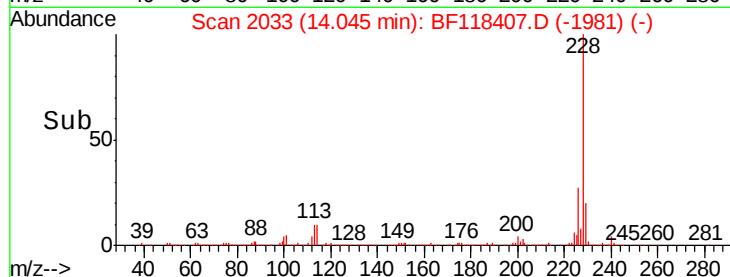
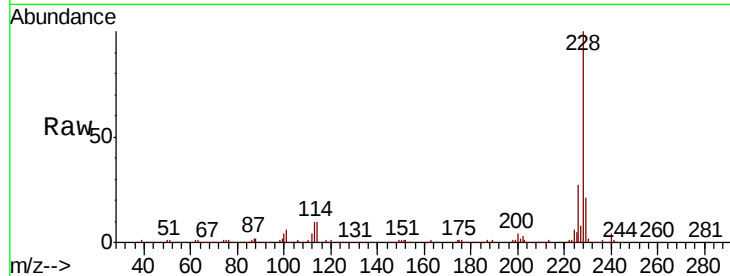
#81
Benzo(a)anthracene
Concen: 48.294 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.0	33.0
229	20.5	16.6	24.8

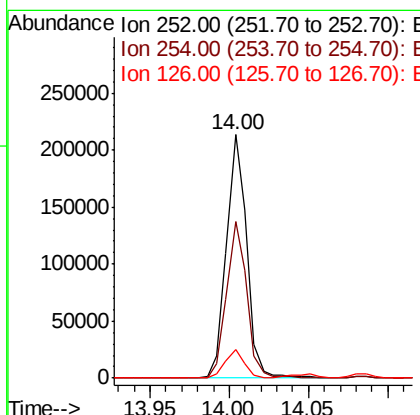
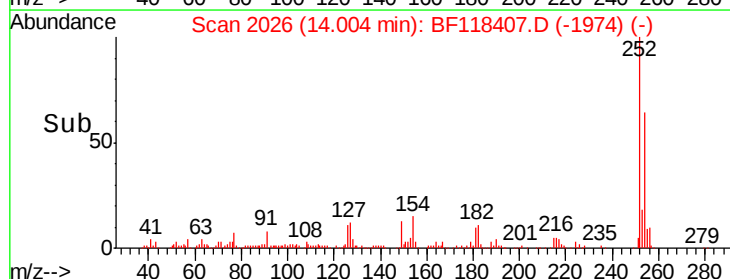
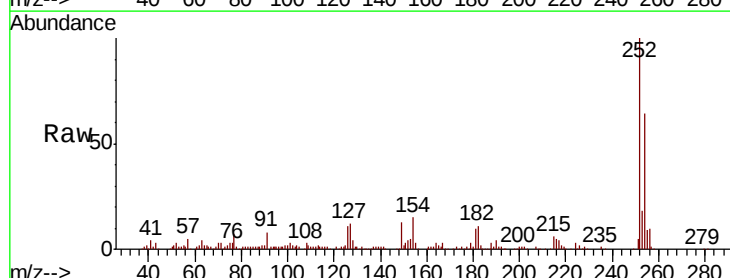
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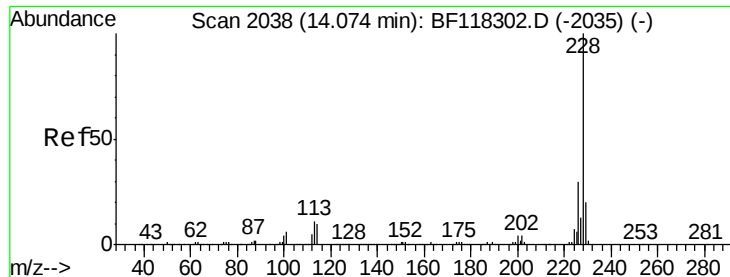
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.778 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.8
126	11.5	8.7	13.1





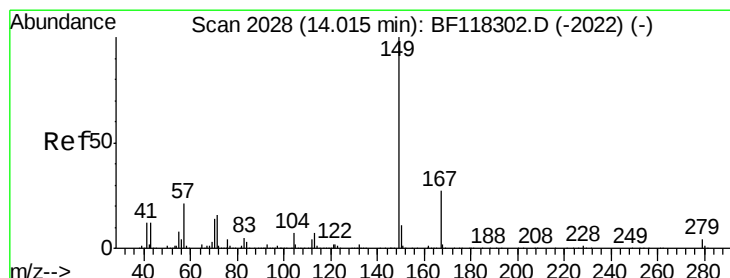
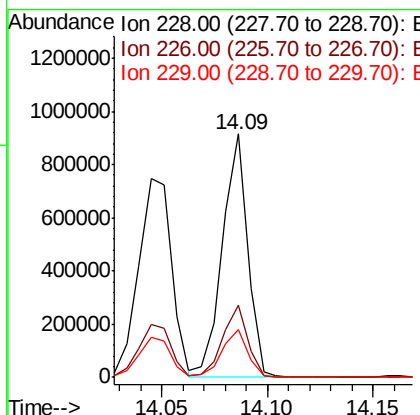
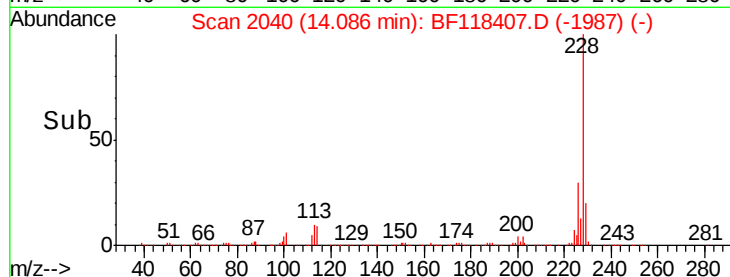
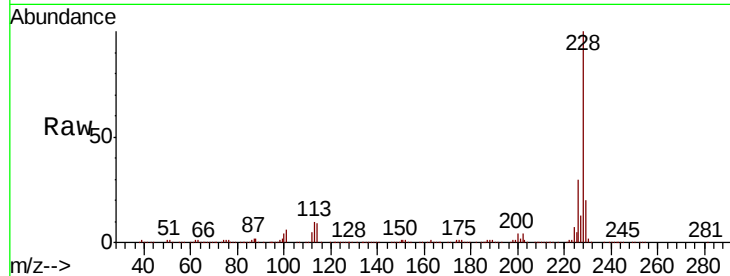
#83
Chrysene
Concen: 47.401 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.6	16.1	24.1

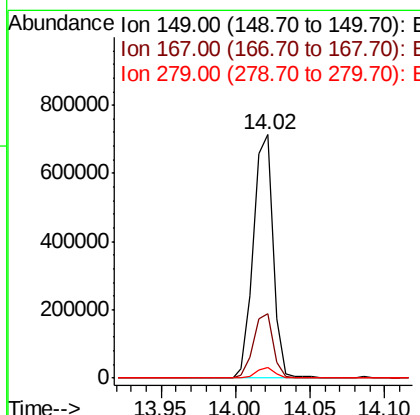
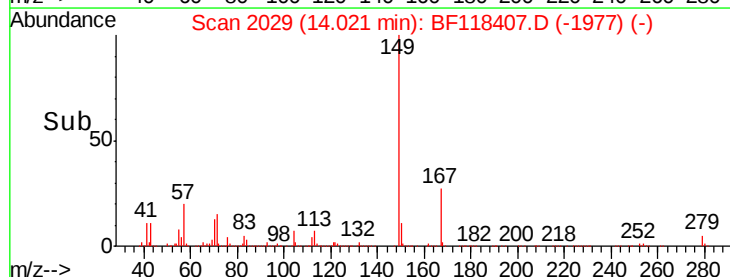
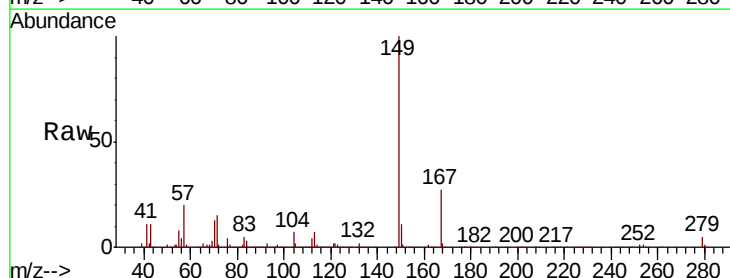
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#84
Bis(2-ethylhexyl)phthalate
Concen: 56.744 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.5	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 60.421 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

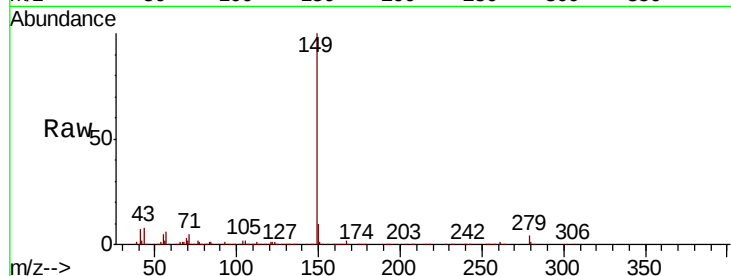
ClientSampleId :

GP-9-(8-10)MSD

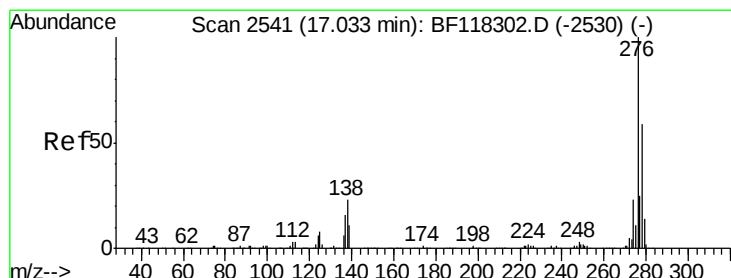
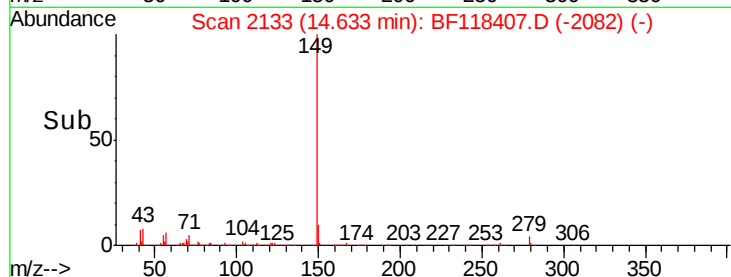
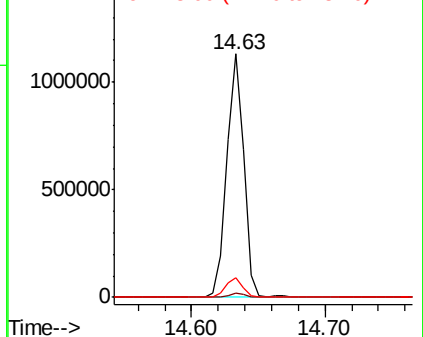
Tot Ion:	149	Resp:	1020245
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.0	6.1	9.1

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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: 50.822 ng

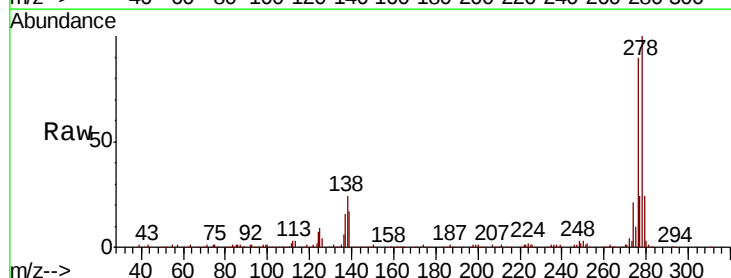
RT: 17.08 min Scan# 2549

Delta R.T. 0.05 min

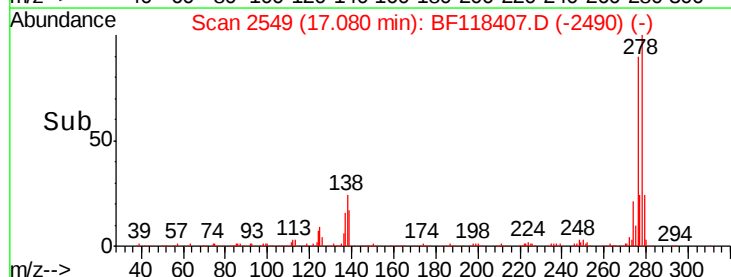
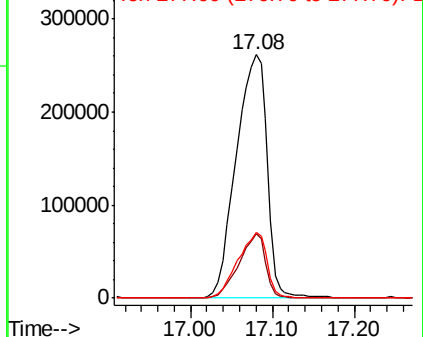
Lab File: BF118407.D

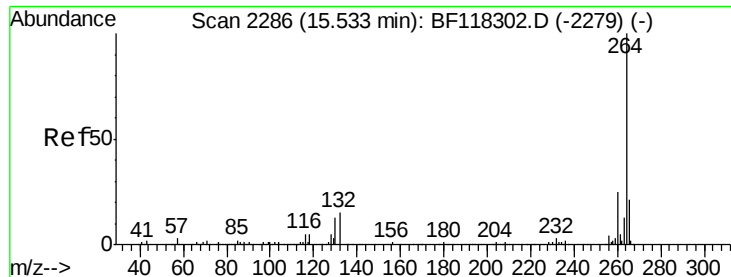
Acq: 31 Dec 2019 16:05

Tgt Ion:	276	Resp:	689104
Ion Ratio	Lower	Upper	
276	100		
138	23.1	19.5	29.3
277	25.5	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





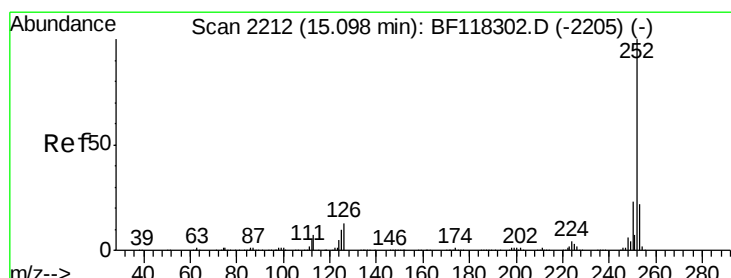
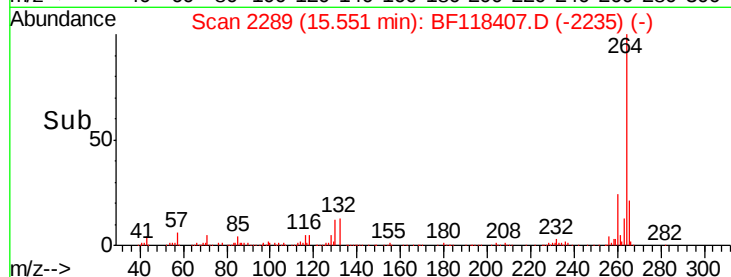
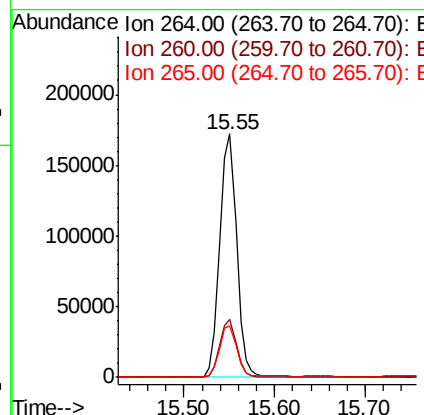
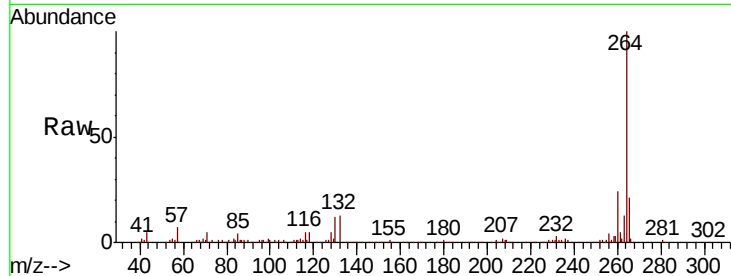
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.3	17.0	25.4

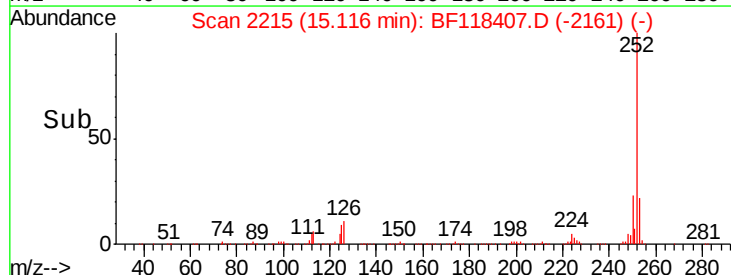
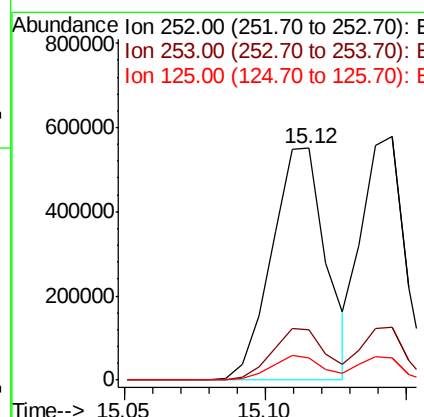
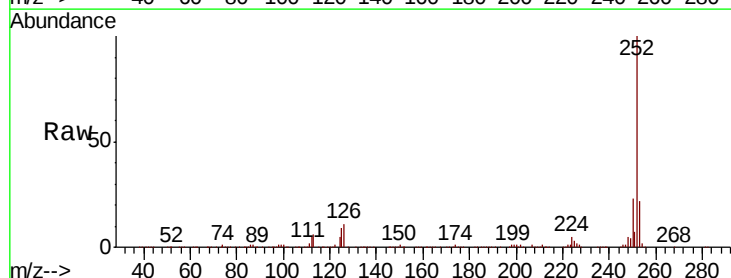
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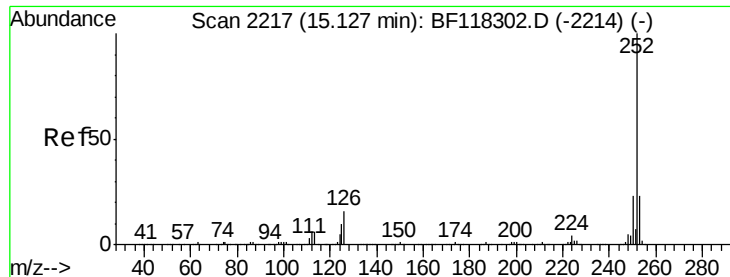
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.525 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.3	7.7	11.5





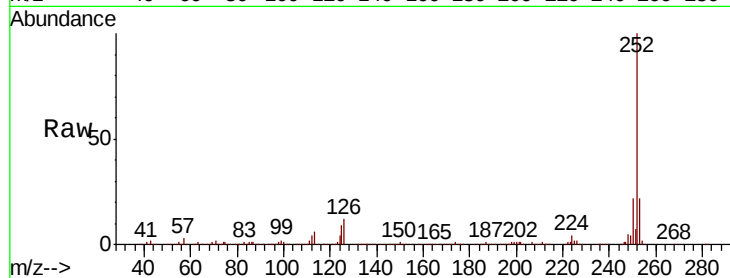
#89
Benzo(k)fluoranthene
Concen: 42.575 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.0	8.0	12.0

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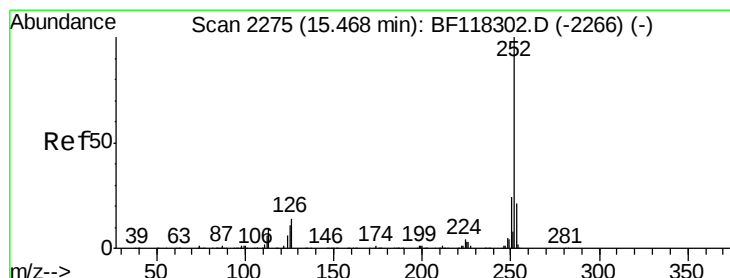
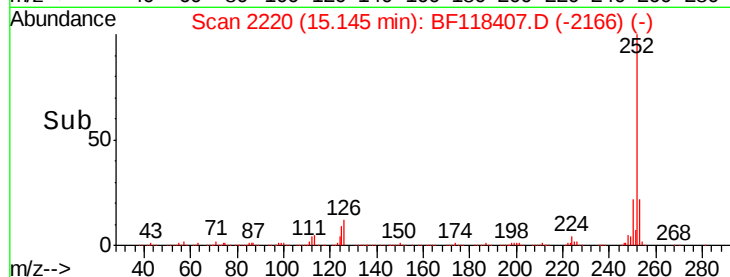
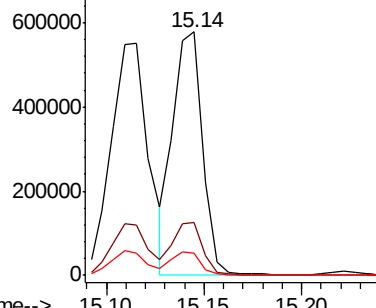


Abundance

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: 45.435 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF118407.D
Acq: 31 Dec 2019 16:05

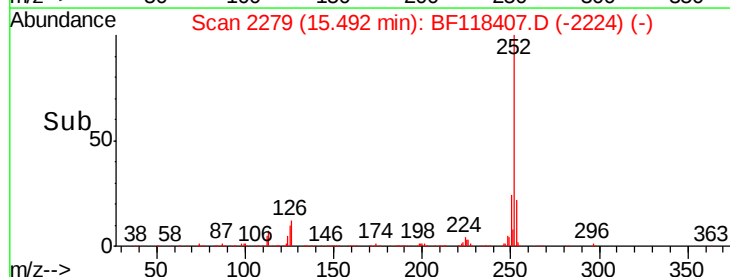
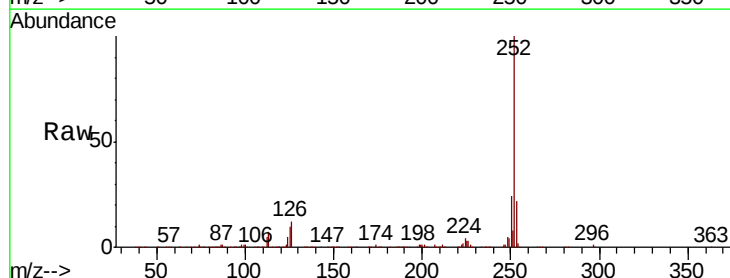
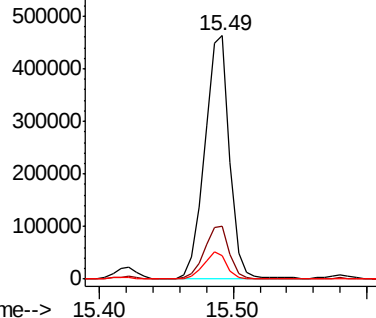
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.8	9.0	13.4

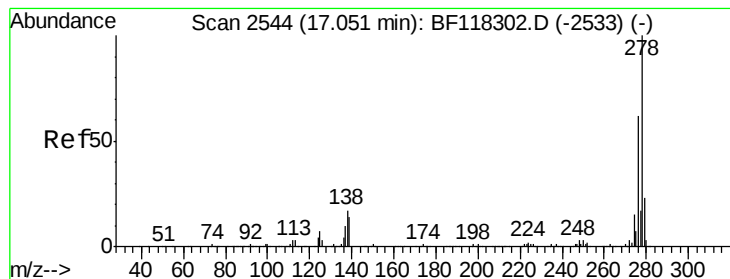
Abundance

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: 49.571 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.04 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

Tot Ion:278 Resp: 563603

Ion Ratio Lower Upper

278 100

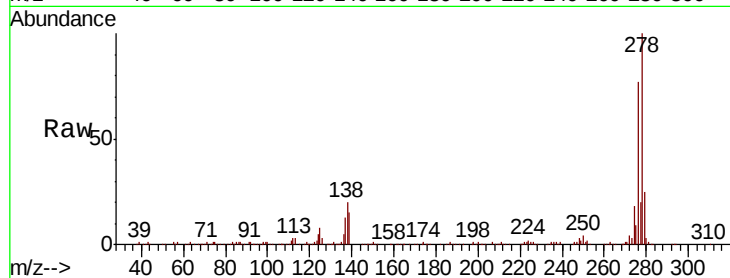
139 15.5 11.5 17.3

279 24.7 18.3 27.5

Manual Integrations
APPROVED

mohammad

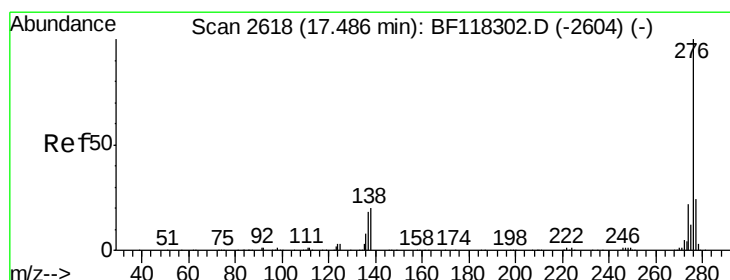
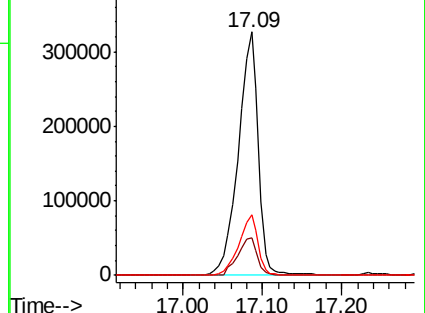
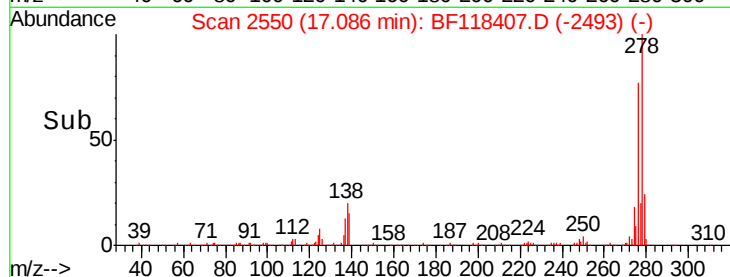
1/2/2020 11:49:54 AM



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: 49.931 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.05 min

Lab File: BF118407.D

Acq: 31 Dec 2019 16:05

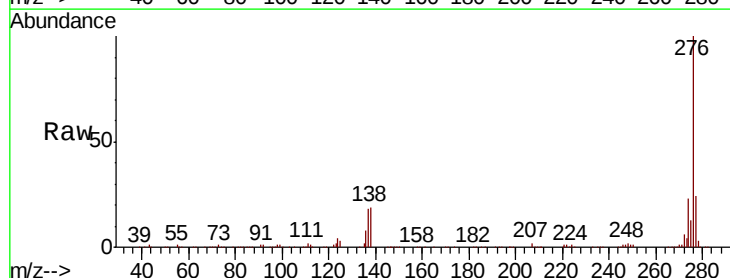
Tgt Ion:276 Resp: 548385

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.2 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

