

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118446.D
 Acq On : 2 Jan 2020 20:15
 Operator : JU
 Sample : K6465-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 1/3/2020 11:04:31 AM

Quant Time: Jan 03 03:41:27 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	124935	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	505614	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	264149	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	441025	20.00	ng	0.00
76) Chrysene-d12	14.05	240	265249	20.00	ng	0.00
87) Perylene-d12	15.53	264	280452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	820213	112.07	ng	0.01
7) Phenol-d6	6.49	99	1058323	116.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	630421	71.31	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	320325	98.20	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1210911	69.98	ng	0.00
79) Terphenyl-d14	12.98	244	1024835	64.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	115476	39.689	ng	98
3) Pyridine	3.40	79	290570	37.484	ng	98
4) n-Nitrosodimethylamine	3.36	42	144686	45.144	ng	98
6) Aniline	6.51	93	348641	30.240	ng	# 45
8) 2-Chlorophenol	6.64	128	401412	48.425	ng	99
9) Benzaldehyde	6.40	77	213028	40.019	ng	98
10) Phenol	6.50	94	478028	46.843	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	337440	46.236	ng	99
12) 1,3-Dichlorobenzene	6.79	146	421851	44.188	ng	99
13) 1,4-Dichlorobenzene	6.86	146	431940	44.544	ng	99
14) 1,2-Dichlorobenzene	7.02	146	409680	44.750	ng	99
15) Benzyl Alcohol	7.00	79	318380	46.055	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	345090	44.312	ng	70
17) 2-Methylphenol	7.11	107	312707	47.034	ng	96
18) Hexachloroethane	7.36	117	147582	41.469	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	252931	45.221	ng	97
20) 3+4-Methylphenols	7.27	107	404344	47.519	ng	# 78
22) Acetophenone	7.26	105	527861	42.597	ng	97
24) Nitrobenzene	7.43	77	393005	44.380	ng	99
25) Isophorone	7.67	82	687033	44.594	ng	99
26) 2-Nitrophenol	7.75	139	212496	45.304	ng	97
27) 2,4-Dimethylphenol	7.79	122	343858	53.731	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	436544	43.326	ng	99
29) 2,4-Dichlorophenol	8.00	162	334502	45.412	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	369595	43.074	ng	96
31) Naphthalene	8.16	128	1174952	45.720	ng	100
32) Benzoic acid	7.95	122	196287	37.703	ng	99
33) 4-Chloroaniline	8.21	127	151534	13.755	ng	98
34) Hexachlorobutadiene	8.27	225	211092	41.329	ng	100
35) Caprolactam	8.59	113	108982m	47.391	ng	
36) 4-Chloro-3-methylphenol	8.71	107	358683	45.355	ng	99
37) 2-Methylnaphthalene	8.85	142	805433	45.777	ng	99
38) 1-Methylnaphthalene	8.95	142	753884	45.478	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	354566	44.675	ng	98

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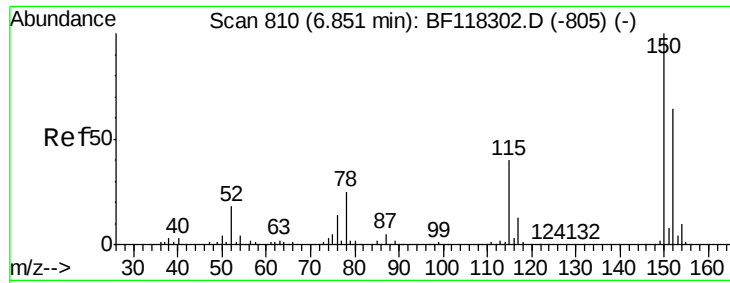
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	83945	31.319	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	236839	44.668	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	247280	45.336	nq	98
46) 1,1'-Biphenyl	9.32	154	962950	46.090	nq	99
47) 2-Chloronaphthalene	9.35	162	735509	43.741	nq	98
48) 2-Nitroaniline	9.45	65	201152	42.352	nq	99
49) Acenaphthylene	9.76	152	1140646	45.738	nq	100
50) Dimethylphthalate	9.62	163	946399	47.730	nq	99
51) 2,6-Dinitrotoluene	9.69	165	192202	44.962	nq	96
52) Acenaphthene	9.93	154	679829	44.754	nq	99
53) 3-Nitroaniline	9.86	138	121971	24.310	nq	91
54) 2,4-Dinitrophenol	9.98	184	42105	23.453	nq	99
55) Dibenzofuran	10.10	168	1034674	46.098	nq	97
56) 4-Nitrophenol	10.04	139	243532	78.625	nq	96
57) 2,4-Dinitrotoluene	10.10	165	243829	42.687	nq	# 78
58) Fluorene	10.45	166	805939	44.480	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	189641	40.920	nq	99
60) Diethylphthalate	10.32	149	881445	44.935	nq	100
61) 4-Chlorophenyl-phenylether	10.44	204	399701	44.190	nq	95
62) 4-Nitroaniline	10.48	138	177250	34.006	nq	97
63) Azobenzene	10.60	77	748425	44.544	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	45401	19.083	nq	95
66) n-Nitrosodiphenylamine	10.56	169	706508	49.984	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	245940	47.651	nq	94
68) Hexachlorobenzene	11.00	284	271412	44.675	nq	98
69) Atrazine	11.09	200	232867	53.380	nq	97
70) Pentachlorophenol	11.20	266	181736	69.073	nq	99
71) Phenanthrene	11.42	178	1170259	48.675	nq	99
72) Anthracene	11.47	178	1133379	47.097	nq	99
73) Carbazole	11.63	167	924664	43.302	nq	99
74) Di-n-butylphthalate	11.95	149	1314936	48.565	nq	99
75) Fluoranthene	12.62	202	1110358	45.761	nq	99
77) Benzidine	12.73	184	430506	59.233	nq	97
78) Pyrene	12.85	202	1058204	48.854	nq	99
80) Butylbenzylphthalate	13.45	149	442339	45.355	nq	99
81) Benzo(a)anthracene	14.04	228	905867	48.790	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	293949	46.695	nq	98
83) Chrysene	14.07	228	832646	46.836	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	636241	49.612	nq	98
85) Di-n-octyl phthalate	14.62	149	1032241	54.720	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	742913	49.044	nq	99
88) Benzo(b)fluoranthene	15.10	252	851483	45.738	nq	99
89) Benzo(k)fluoranthene	15.13	252	841525	47.078	nq	99
90) Benzo(a)pyrene	15.47	252	763622	46.564	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	620800	43.622	nq	98
92) Benzo(g,h,i)perylene	17.50	276	579044	42.121	nq	99

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



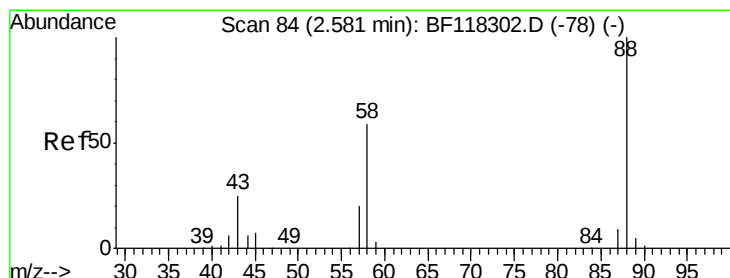
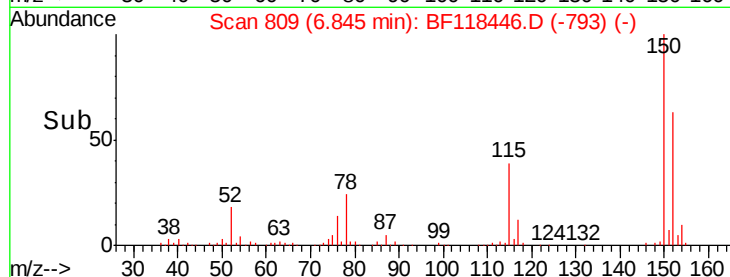
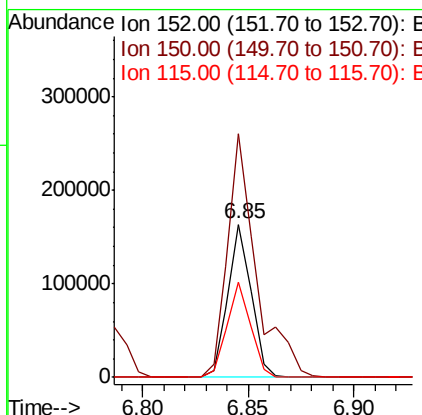
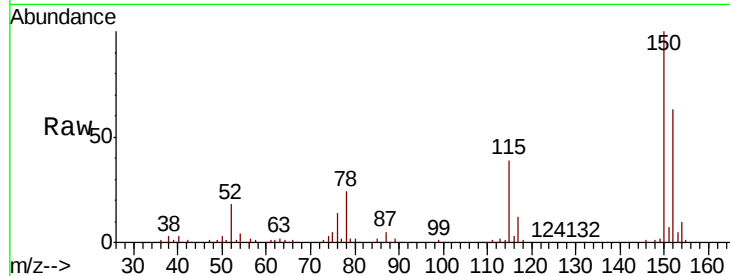
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.4	188.2
115	62.1	50.2	75.4

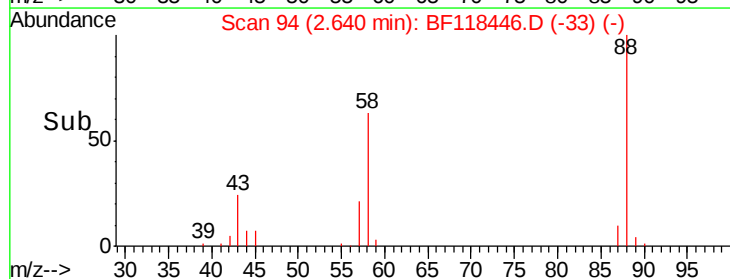
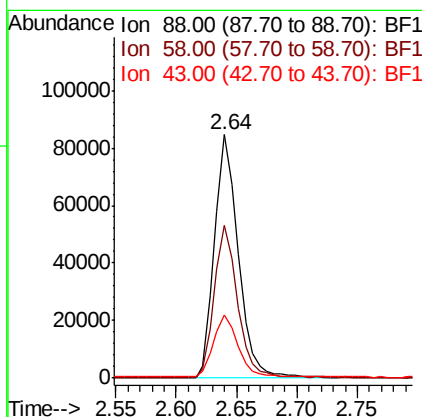
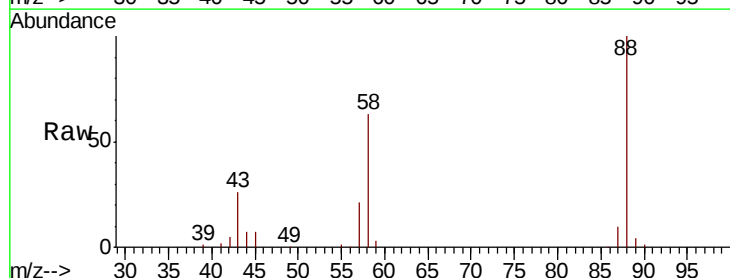
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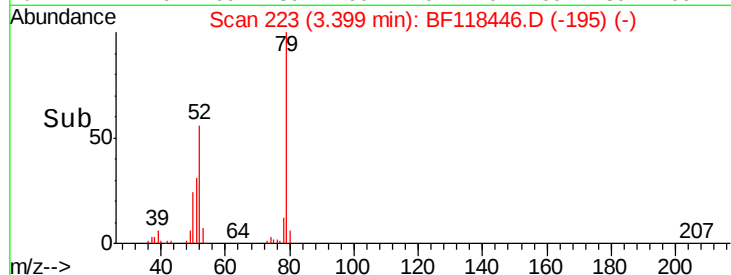
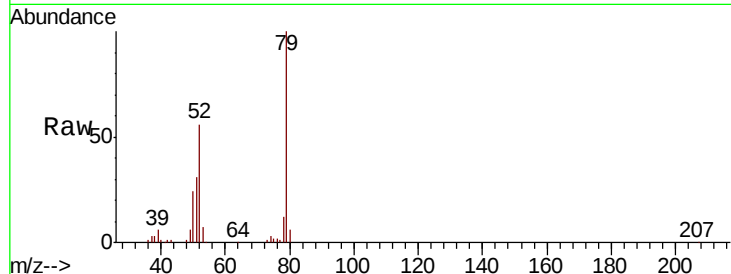
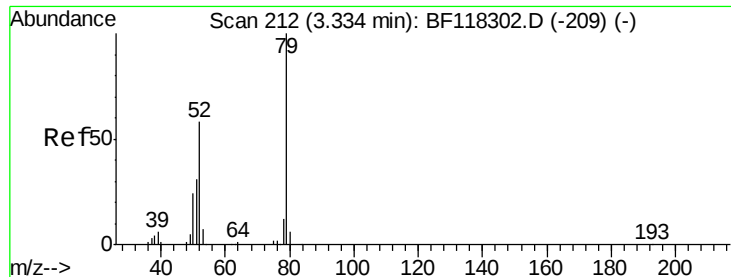
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#2
 1,4-Dioxane
 Concen: 39.689 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.06 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	47.6	71.4
43	25.7	20.6	30.8





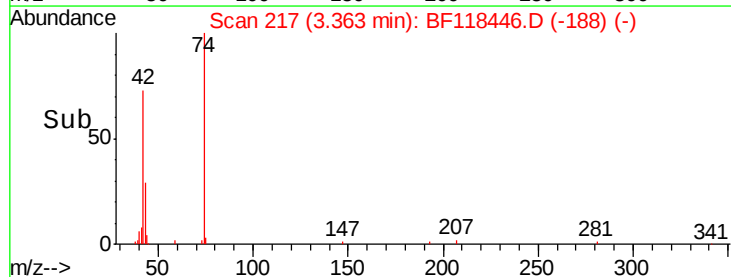
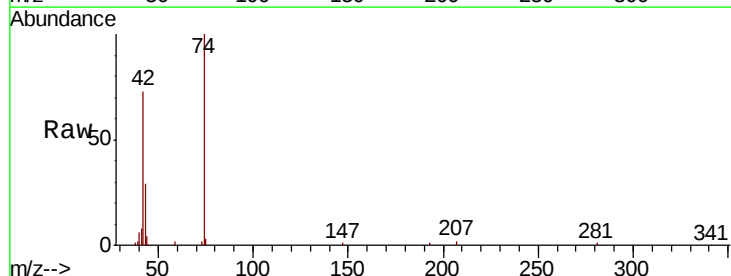
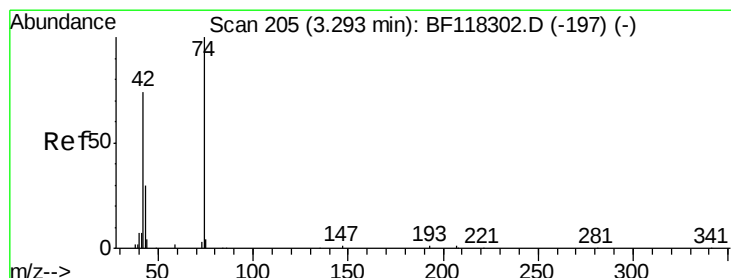
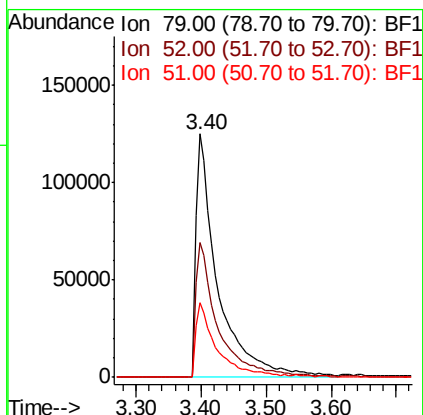
#3
Pvridine
Concen: 37.484 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.06 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tot Ion	79	Resp	290570
Ion Ratio	100	Lower	Upper
79	100		
52	55.5	46.4	69.6
51	30.8	24.9	37.3

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

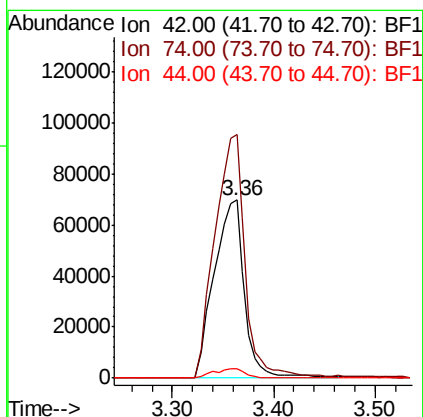
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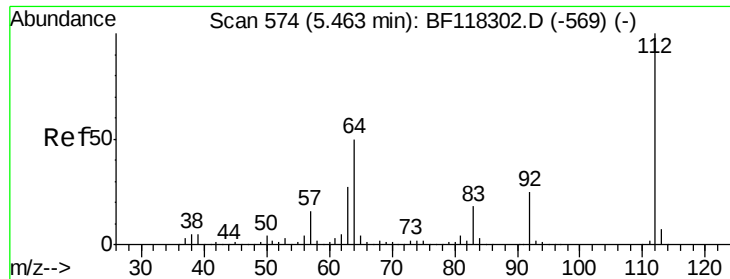
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#4
n-Nitrosodimethylamine
Concen: 45.144 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.07 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	42	Resp	144686
Ion Ratio	100	Lower	Upper
42	100		
74	136.7	107.7	161.5
44	5.1	4.8	7.2





#5

2-Fluorophenol

Concen: 112.066 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

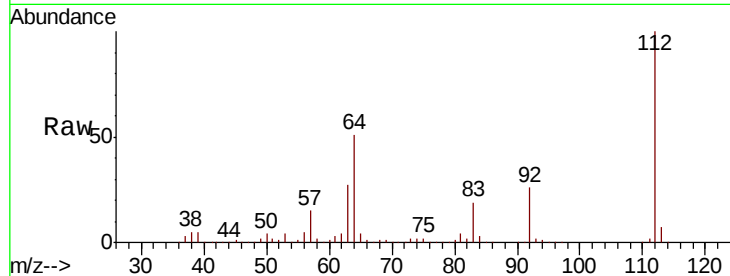
ClientSampleId :

GP-9-(8-10)MS

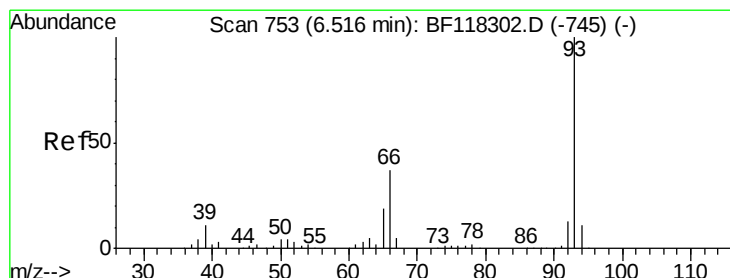
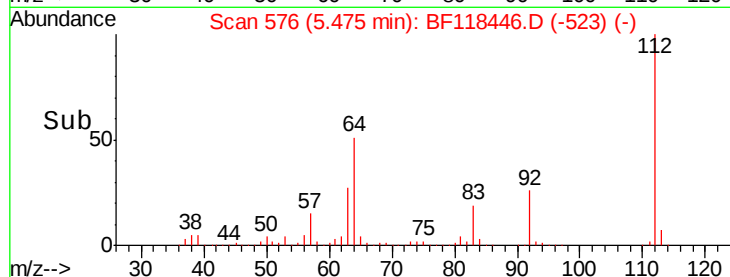
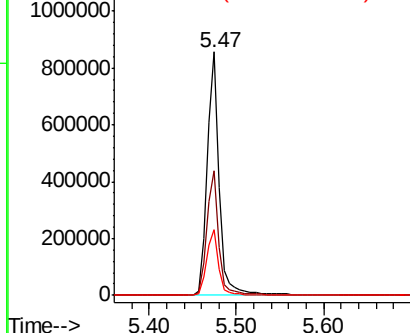
Tot Ion:	112	Resp:	820213
Ion Ratio	Lower	Upper	
112	100		
64	51.0	39.7	59.5
63	27.1	21.7	32.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.240 ng

RT: 6.51 min Scan# 752

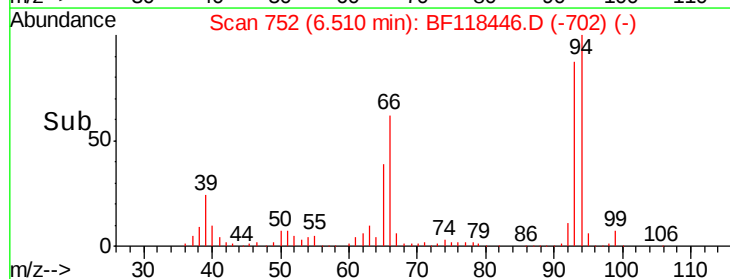
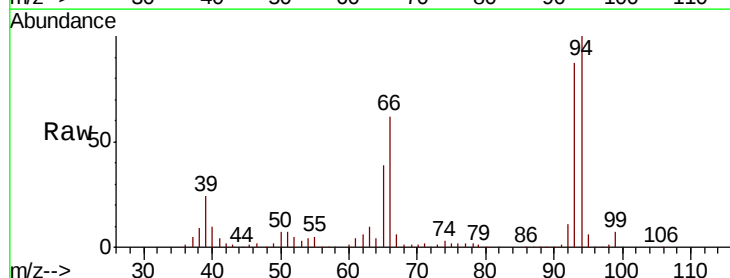
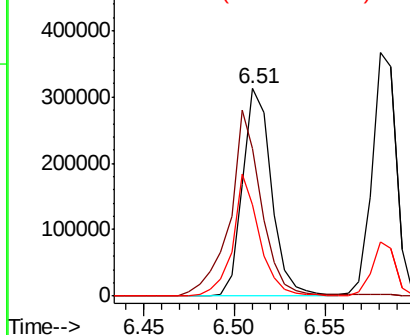
Delta R.T. -0.01 min

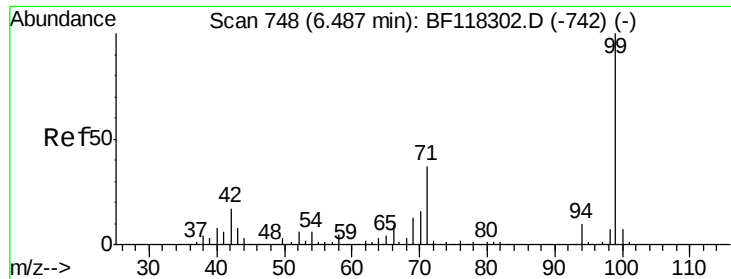
Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Tgt Ion:	93	Resp:	348641
Ion Ratio	Lower	Upper	
93	100		
66	71.3	30.2	45.4#
65	44.2	15.7	23.5#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.563 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tot Ion: 99 Resp: 1058323

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

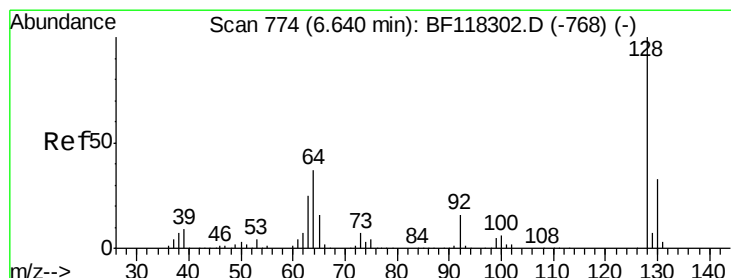
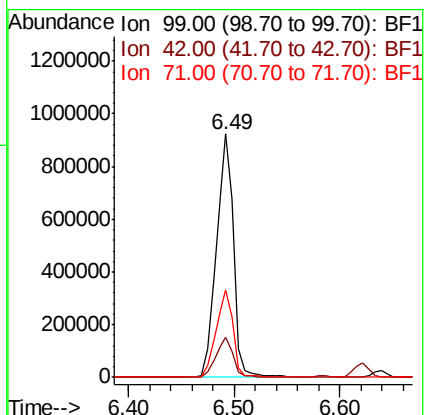
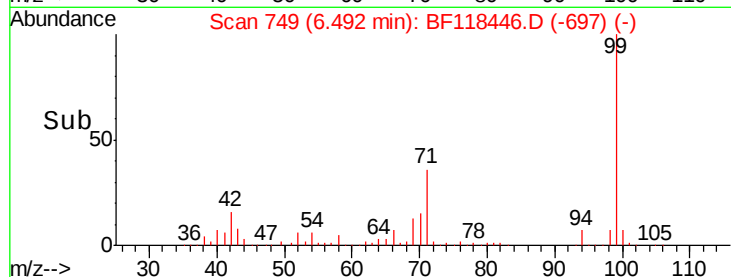
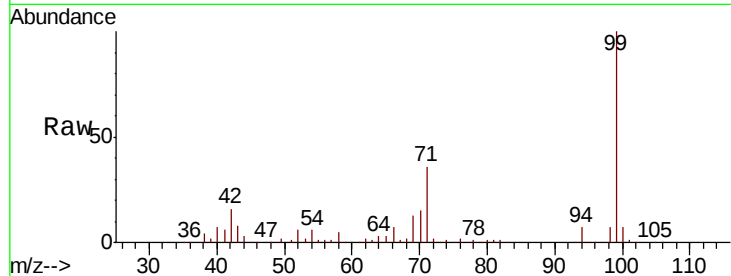
71 36.0 29.4 44.2

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#8

2-Chlorophenol

Concen: 48.425 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

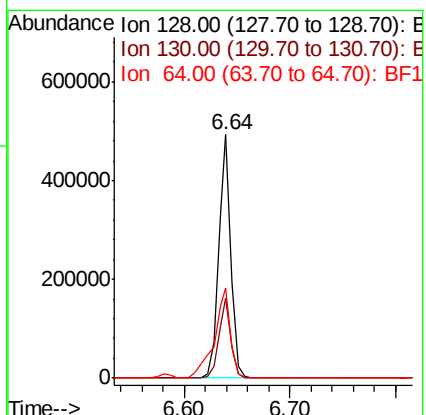
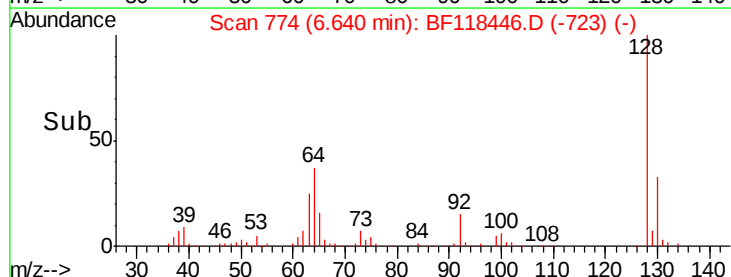
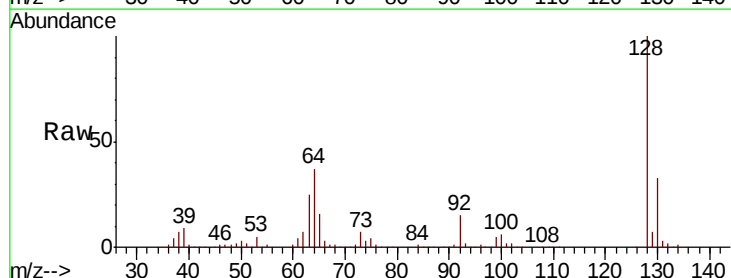
Tgt Ion: 128 Resp: 401412

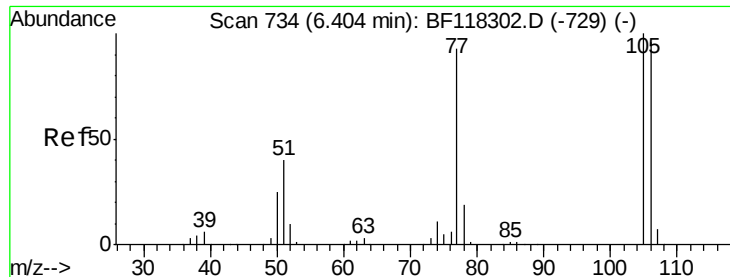
Ion Ratio Lower Upper

128 100

130 32.7 13.2 53.2

64 37.1 17.7 57.7





#9

Benzaldehyde

Concen: 40.019 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tot Ion: 77 Resp: 213028

Ion Ratio Lower Upper

77 100

105 107.3 87.5 127.5

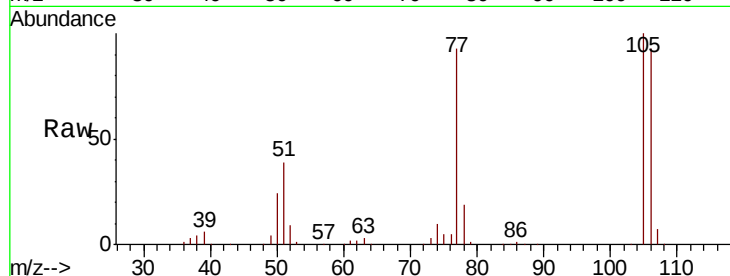
106 100.0 83.6 123.6

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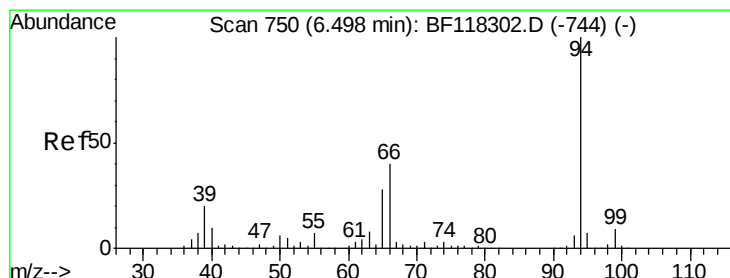
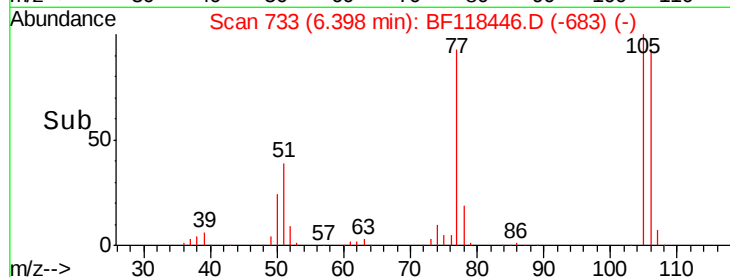
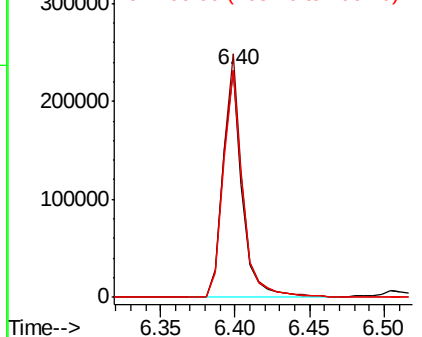


Abundance

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: 46.843 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

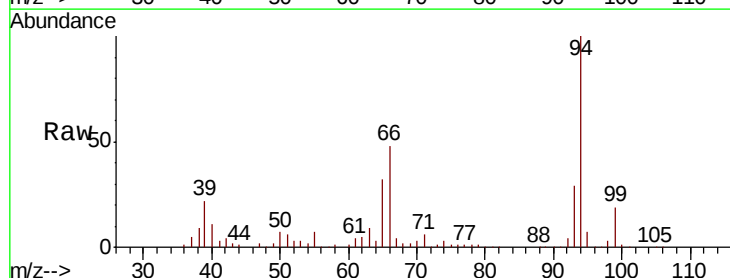
Tgt Ion: 94 Resp: 478028

Ion Ratio Lower Upper

94 100

65 31.8 7.8 47.8

66 48.3 20.4 60.4

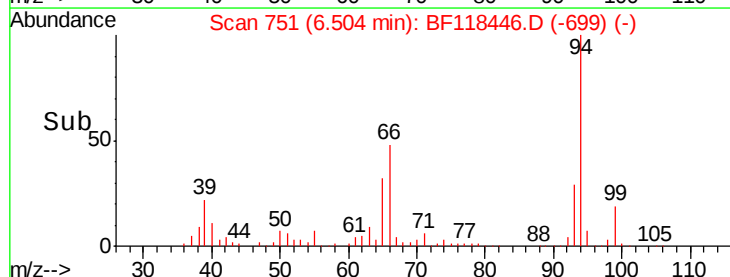
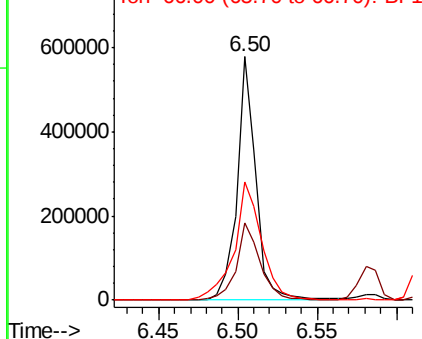


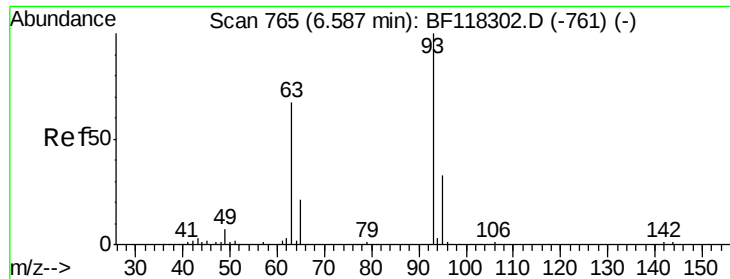
Abundance

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





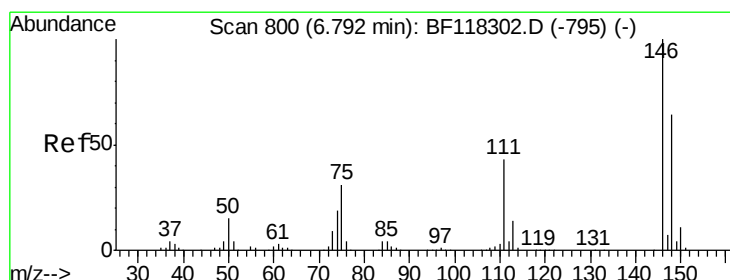
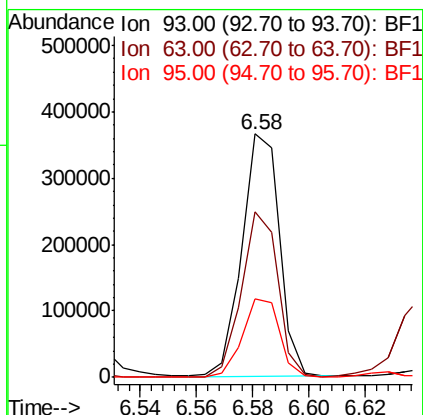
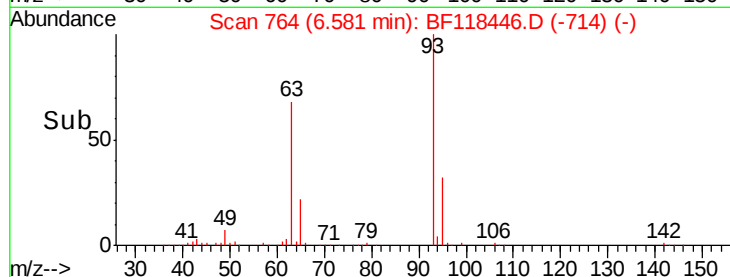
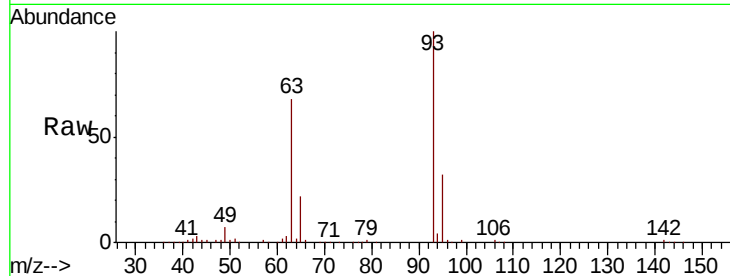
#11
bis(2-Chloroethyl)ether
Concen: 46.236 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion:	93	Resp:	337440
Ion Ratio	Lower	Upper	
93	100		
63	67.8	47.0	87.0
95	32.2	12.8	52.8

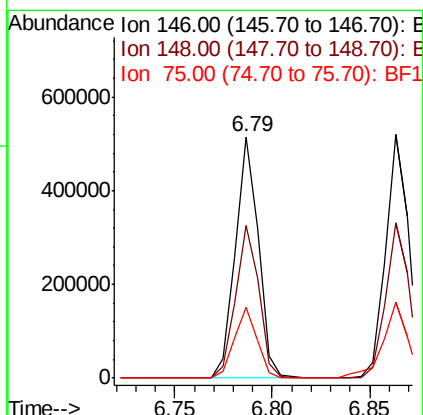
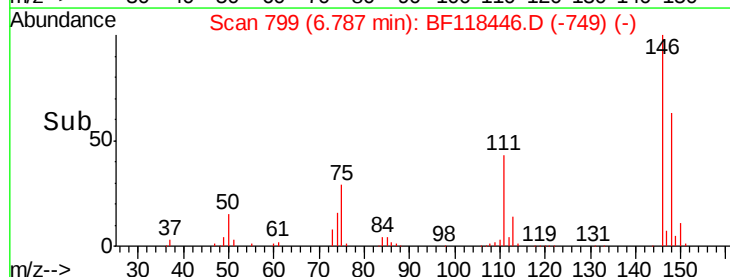
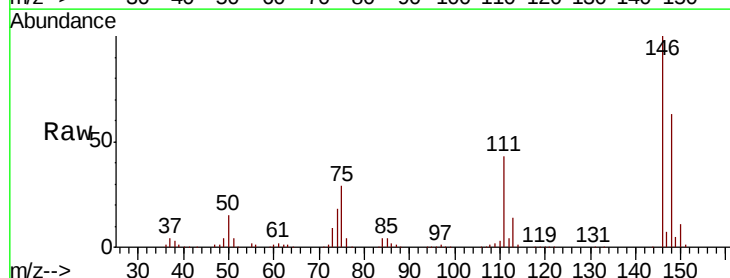
Manual Integrations
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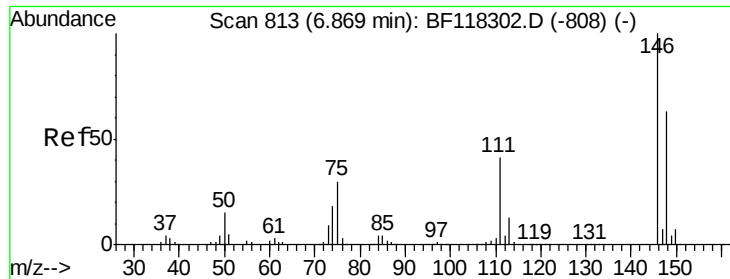
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.188 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:	146	Resp:	421851
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.0
75	29.5	24.4	36.6





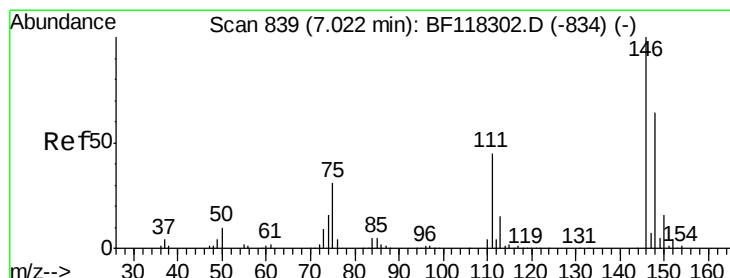
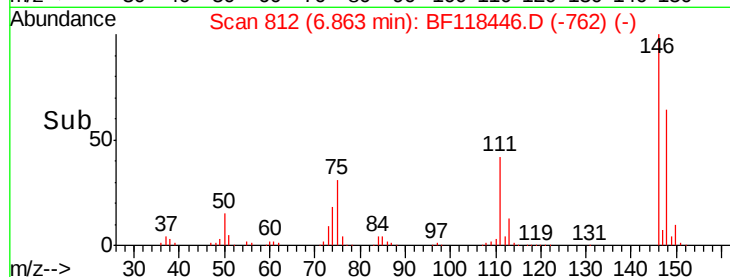
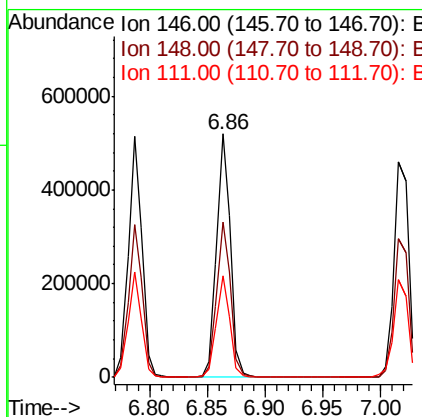
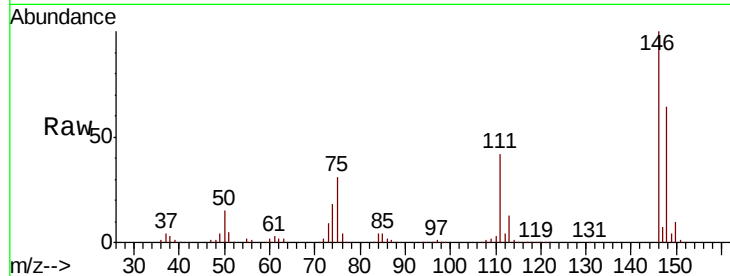
#13
 1,4-Dichlorobenzene
 Concen: 44.544 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
111	41.6	32.8	49.2

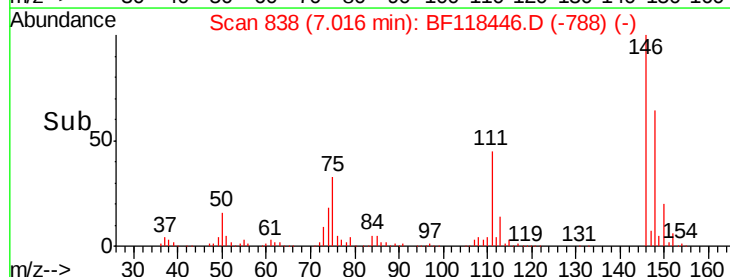
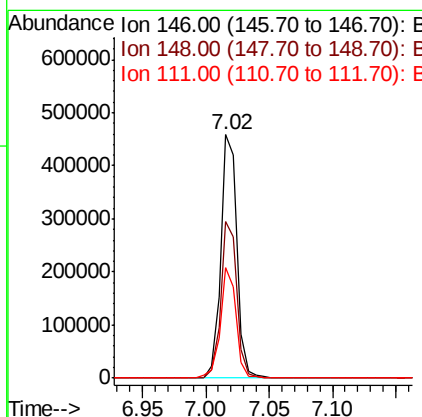
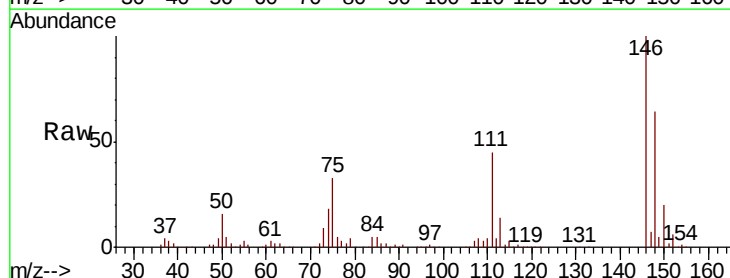
Manual Integrations
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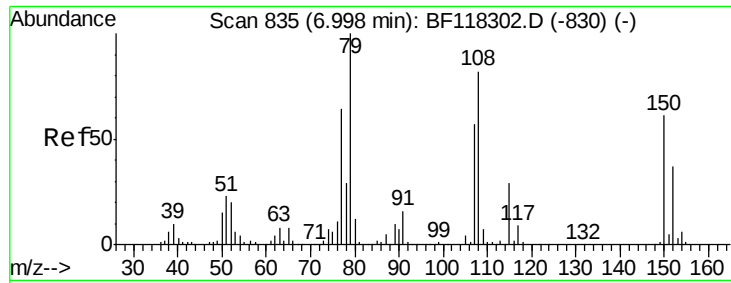
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#14
 1,2-Dichlorobenzene
 Concen: 44.750 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	45.2	35.7	53.5





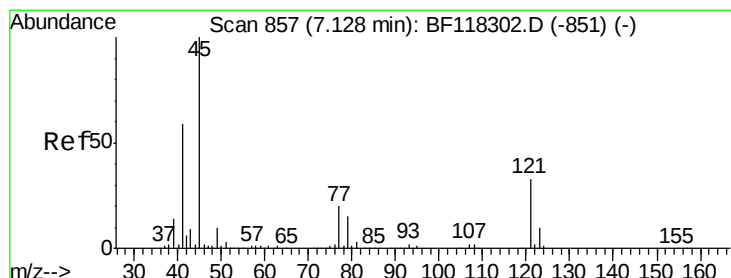
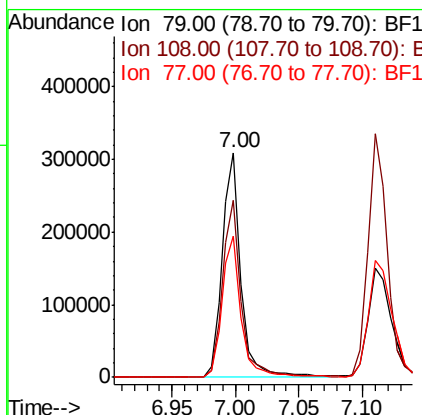
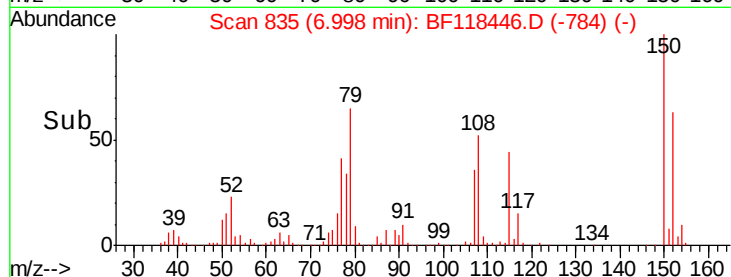
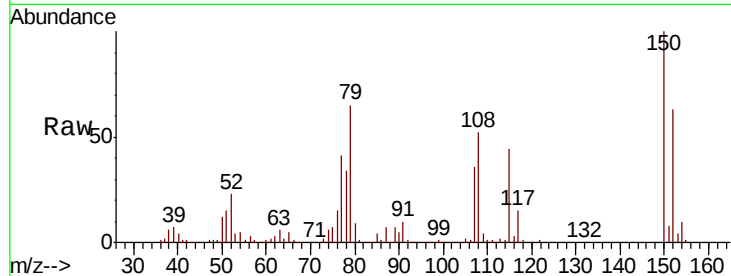
#15
Benzyl Alcohol
Concen: 46.055 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleID :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	65.4	98.0
77	62.7	51.4	77.0

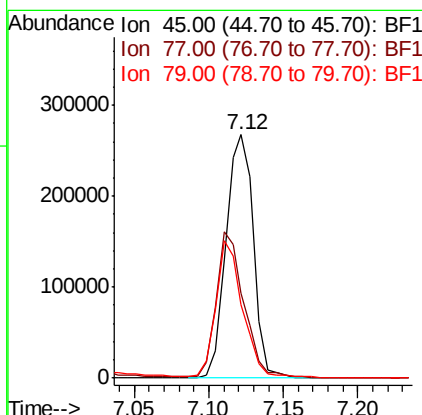
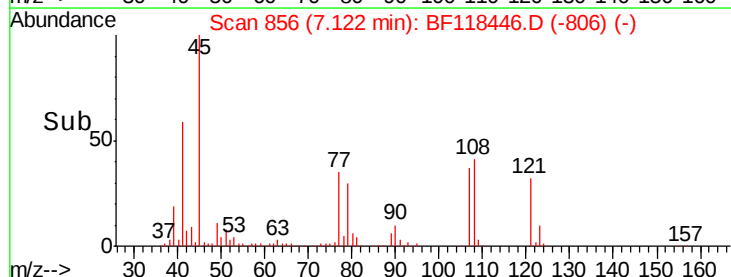
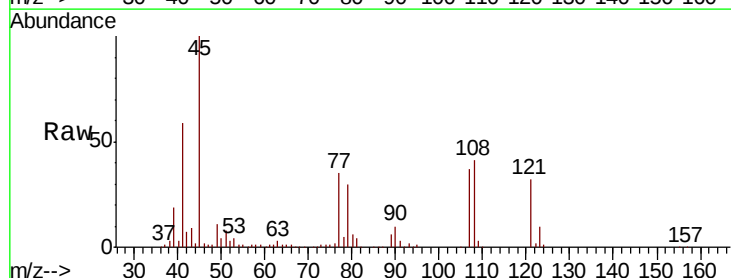
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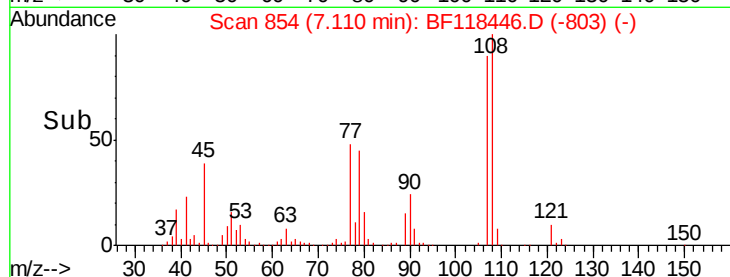
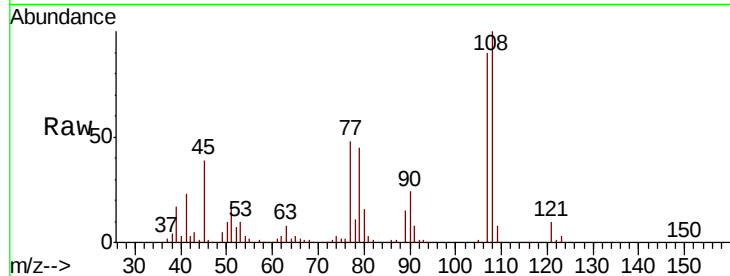
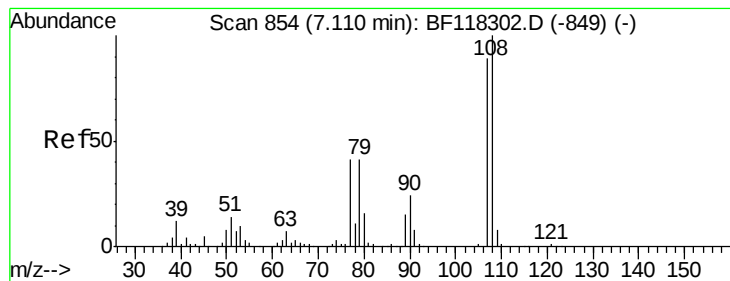
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.312 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.1	1.2	41.2
79	30.2	0.0	37.0





#17

2-Methylphenol

Concen: 47.034 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Tot Ion:	107	Resp:	312707
Ion Ratio	Lower	Upper	
107	100		
108	111.3	89.7	134.5
77	53.3	37.2	55.8
79	50.0	36.7	55.1

Instrument :

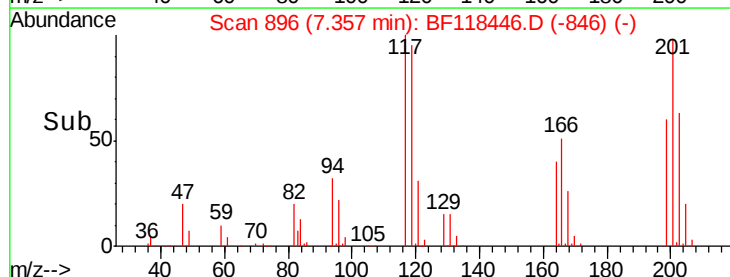
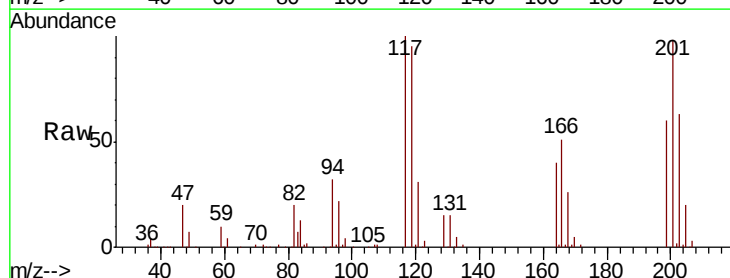
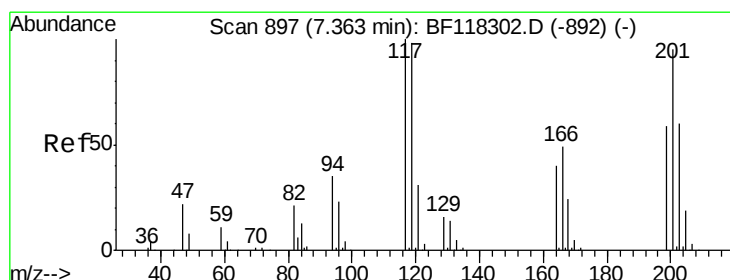
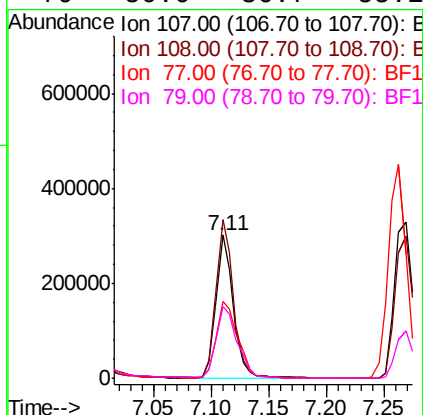
BNA_F

ClientSampleId :

GP-9-(8-10)MS

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#18

Hexachloroethane

Concen: 41.469 ng

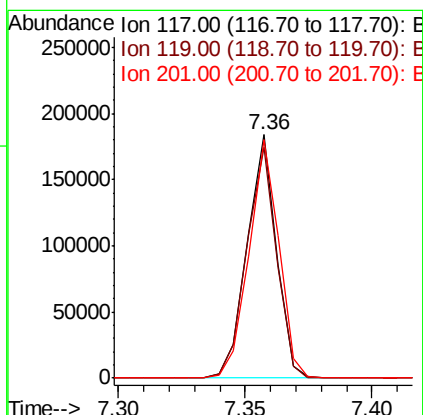
RT: 7.36 min Scan# 896

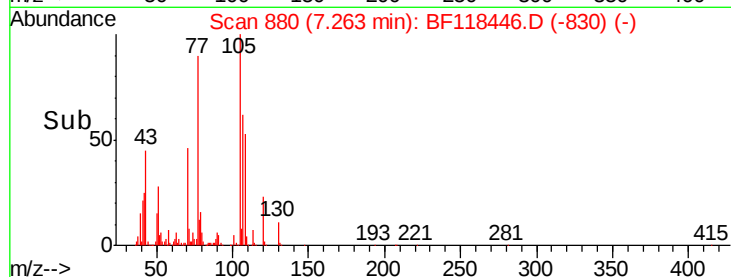
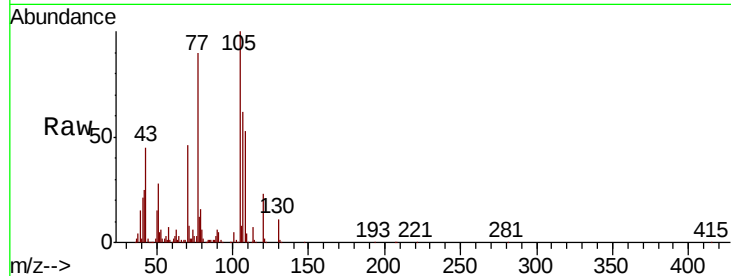
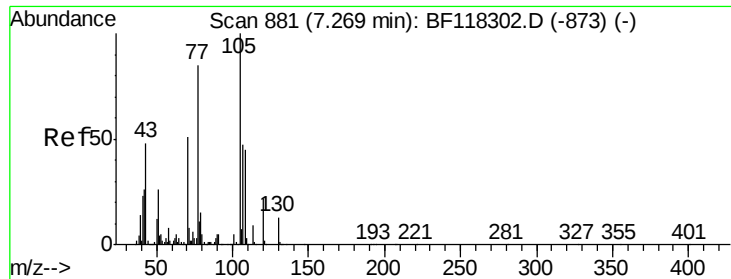
Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Tgt Ion:	117	Resp:	147582
Ion Ratio	Lower	Upper	
117	100		
119	94.9	78.0	117.0
201	98.1	76.2	114.2





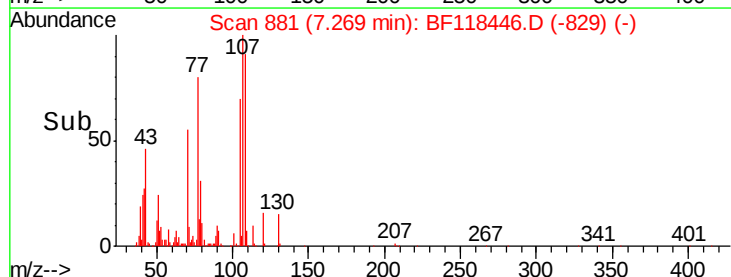
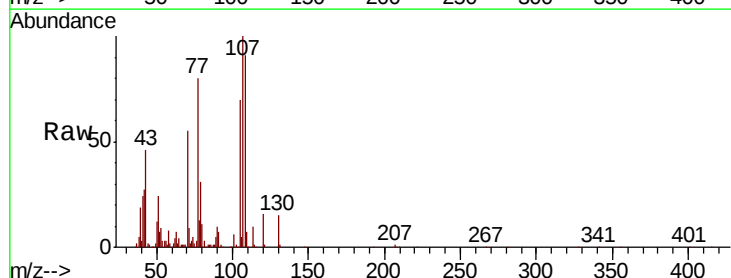
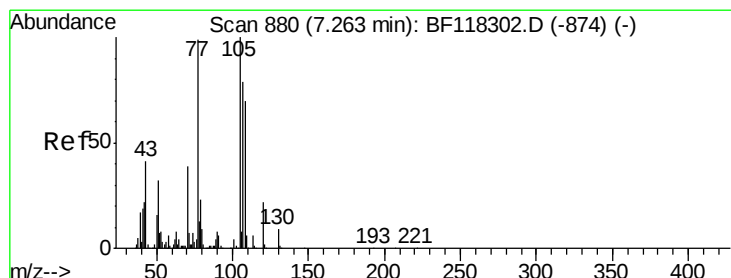
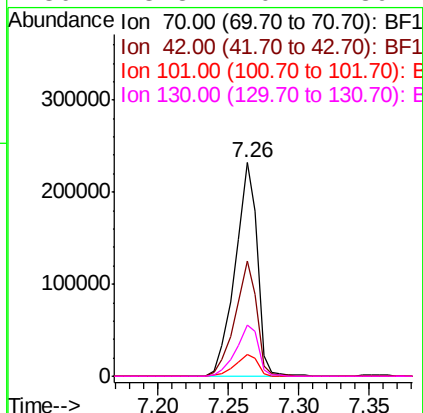
#19
n-Nitroso-di-n-propylamine
Concen: 45.221 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.1	61.7
101	10.5	8.3	12.5
130	23.8	20.1	30.1

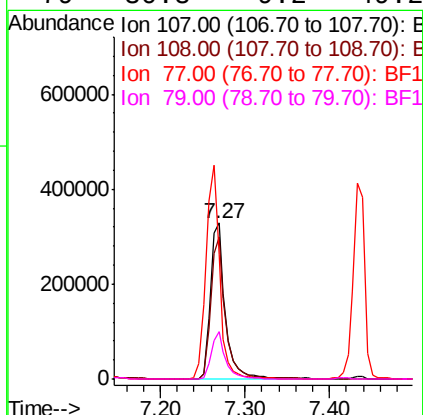
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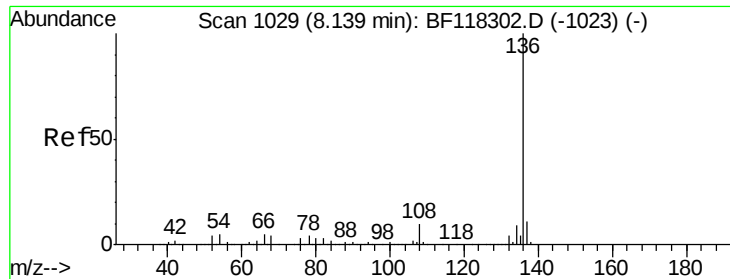
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#20
3+4-Methylphenols
Concen: 47.519 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.3	109.3
77	79.8	105.9	145.9#
79	30.8	9.2	49.2





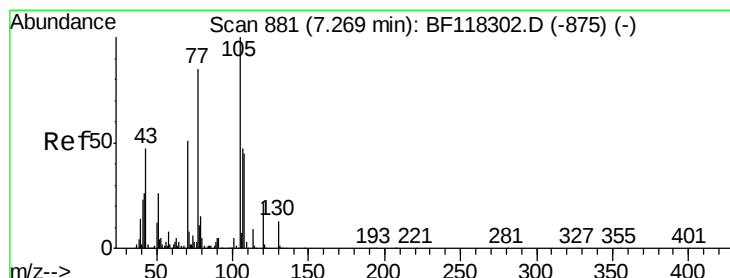
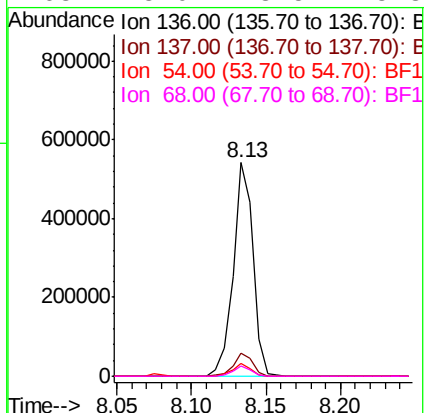
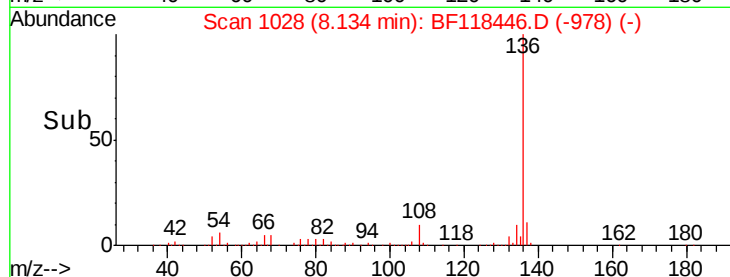
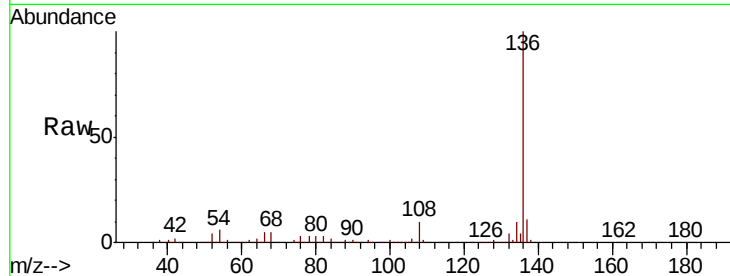
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		505614		
137	10.9	8.9	13.3		
54	5.9	4.2	6.4		
68	5.0	3.5	5.3		

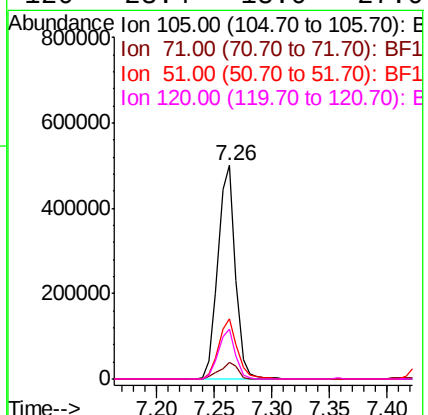
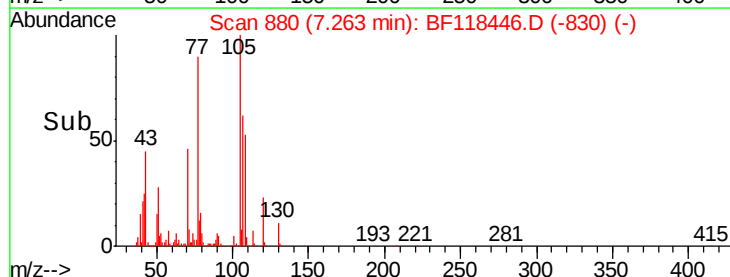
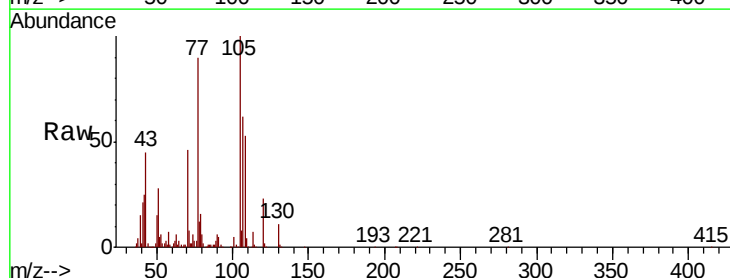
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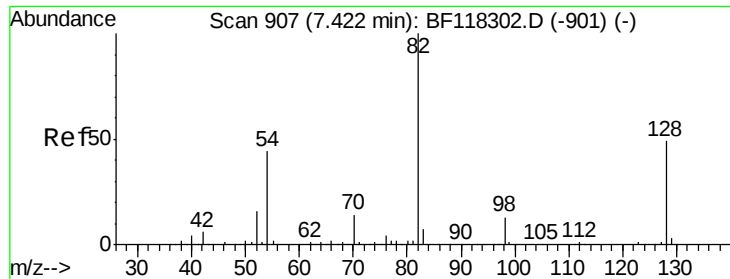
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#22
Acetophenone
Concen: 42.597 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		527861		
71	7.8	6.6	9.8		
51	28.4	20.6	30.8		
120	23.4	18.0	27.0		





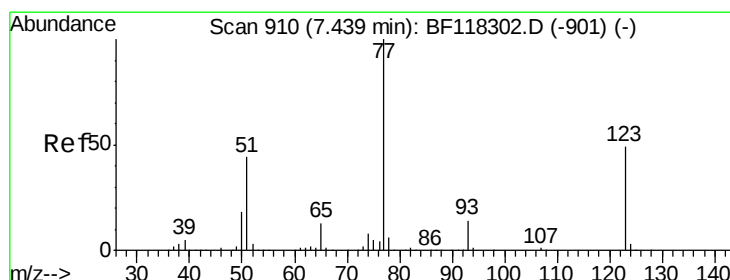
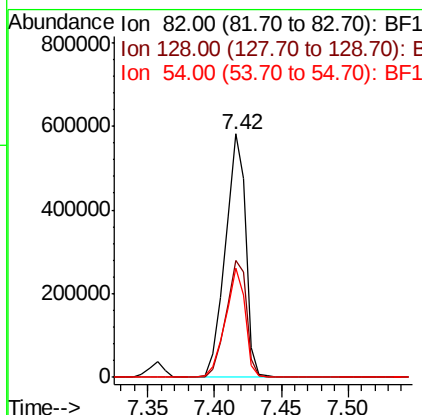
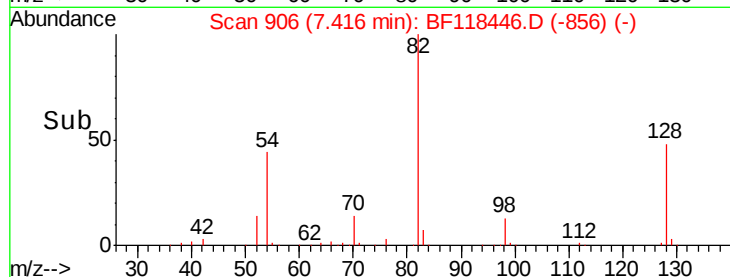
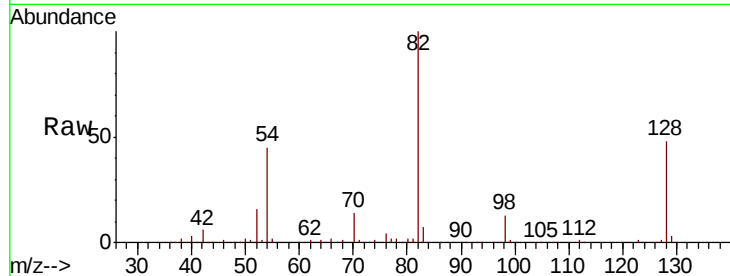
#23
Nitrobenzene-d5
Concen: 71.313 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	39.6	59.4
54	44.7	34.9	52.3

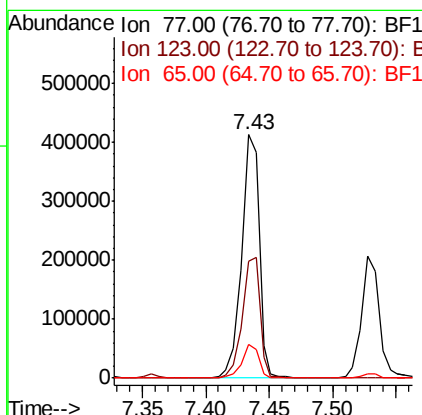
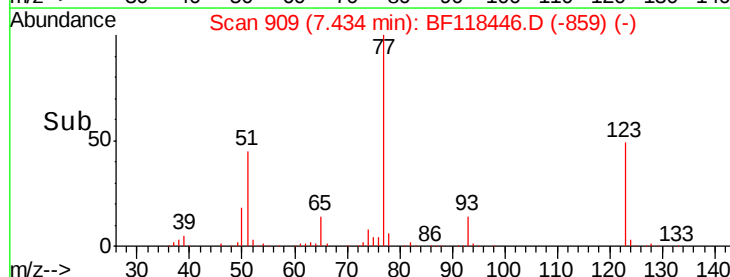
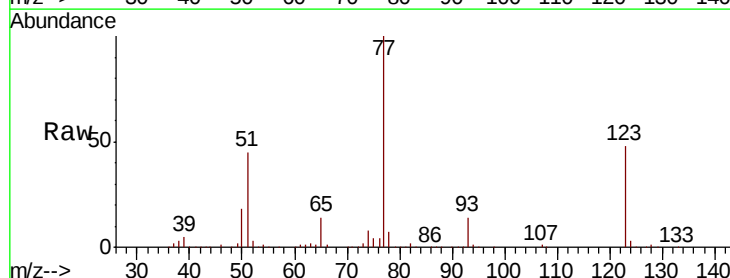
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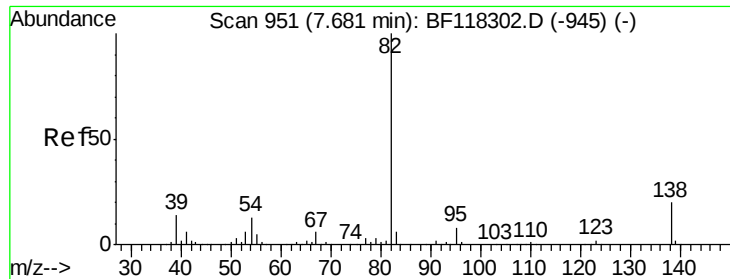
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#24
Nitrobenzene
Concen: 44.380 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	39.1	58.7
65	13.6	10.6	16.0





#25

Isophorone

Concen: 44.594 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

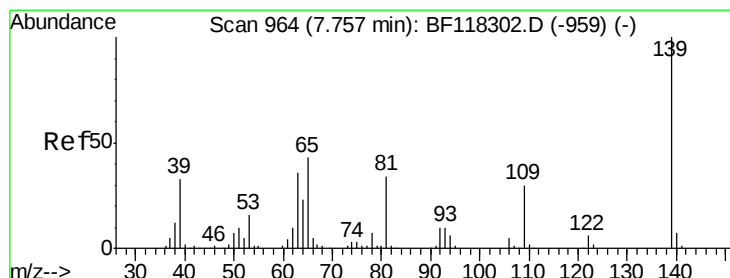
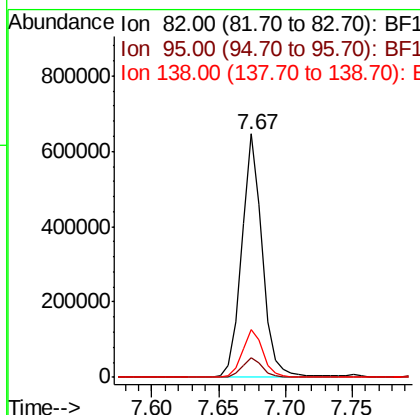
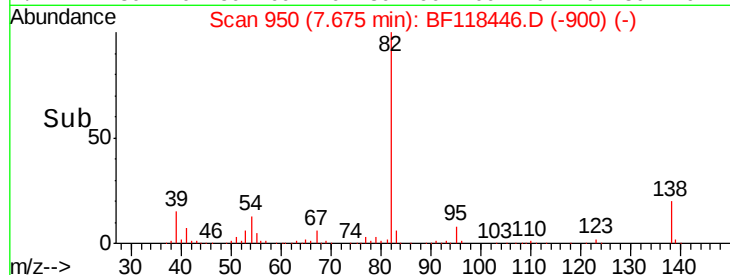
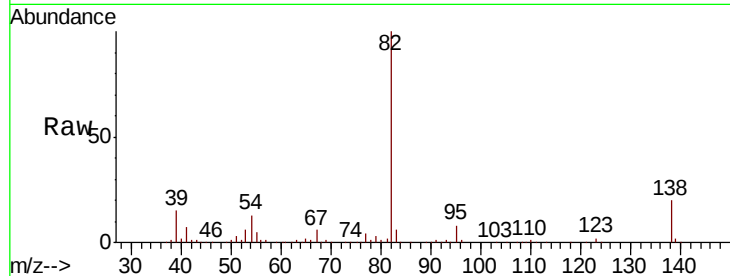
ClientSampleId :

GP-9-(8-10)MS

Tot Ion:	82	Resp:	687033
Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.3	9.5
138	19.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 45.304 ng

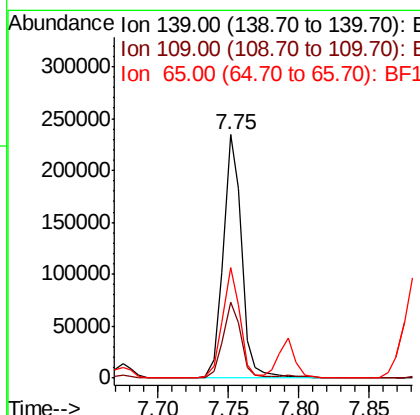
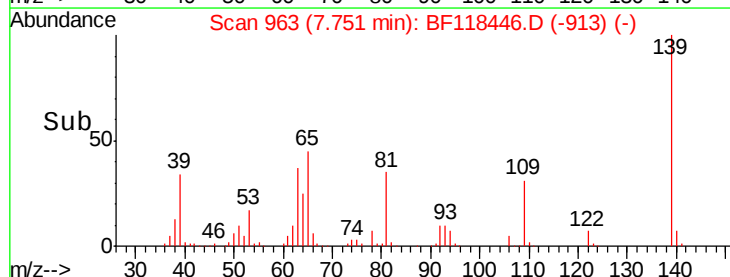
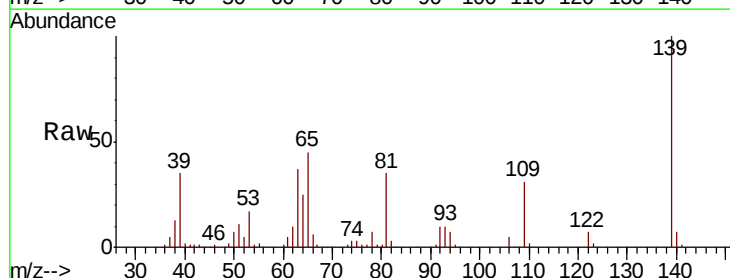
RT: 7.75 min Scan# 963

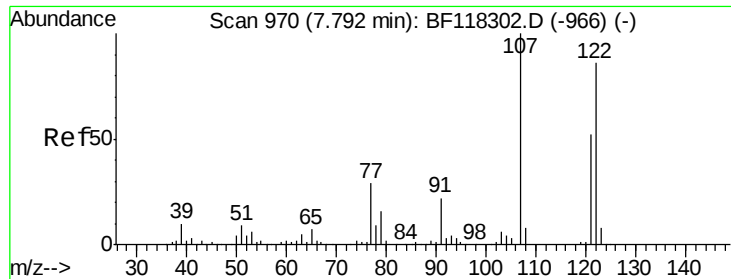
Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Tgt Ion:	139	Resp:	212496
Ion	Ratio	Lower	Upper
139	100		
109	31.0	24.1	36.1
65	45.3	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 53.731 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

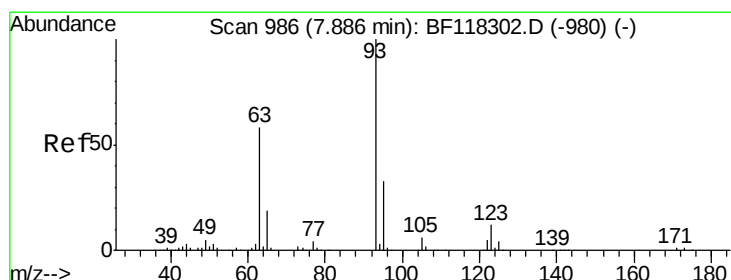
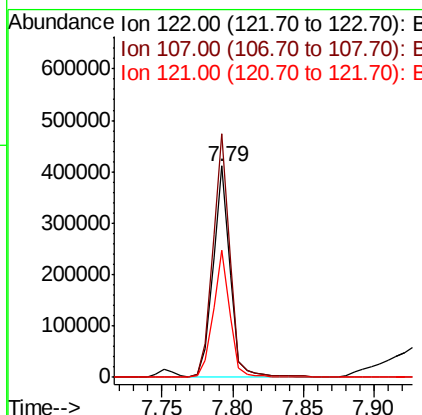
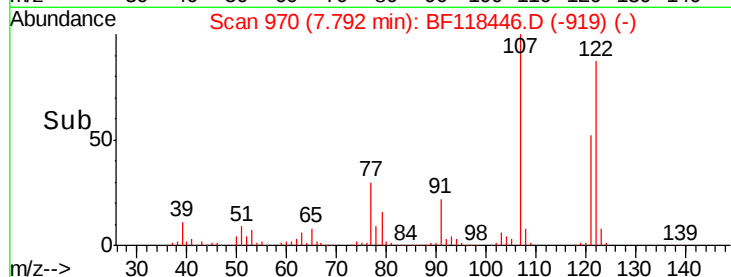
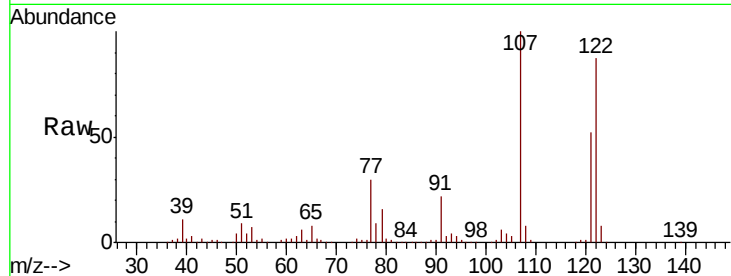
ClientSampleId :

GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	92.9	139.3
121	60.2	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 43.326 ng

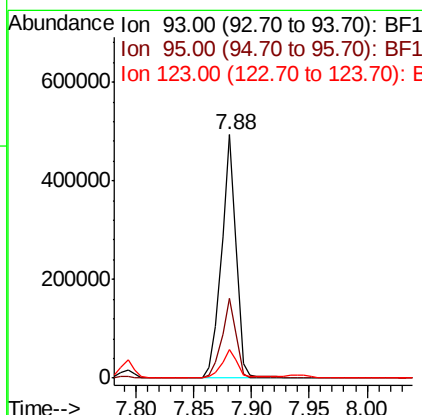
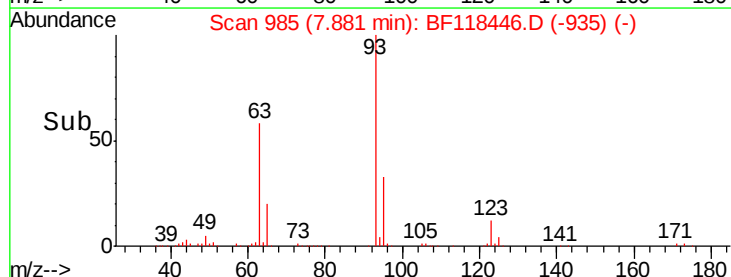
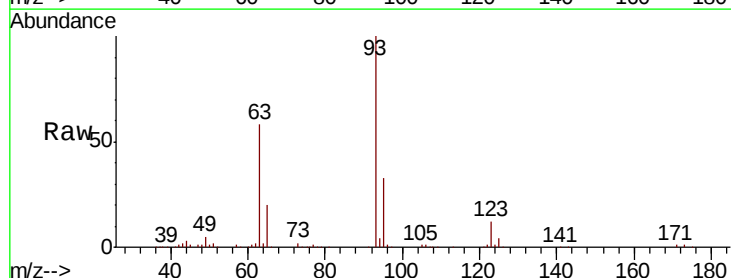
RT: 7.88 min Scan# 985

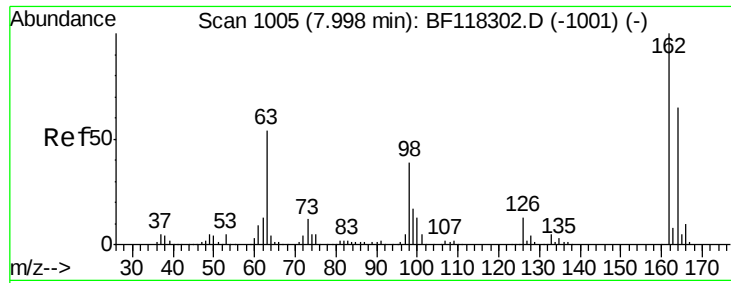
Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.8	9.8	14.8





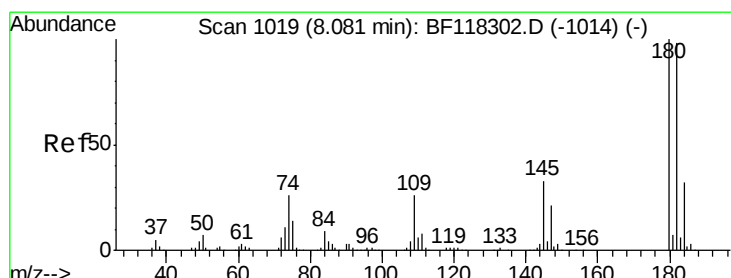
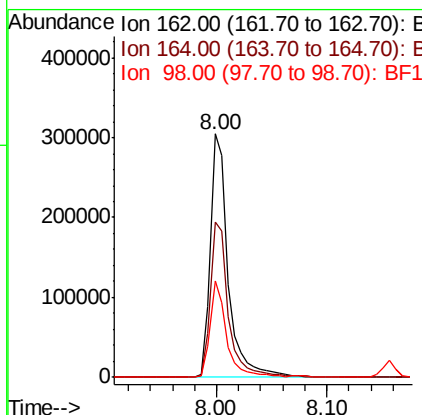
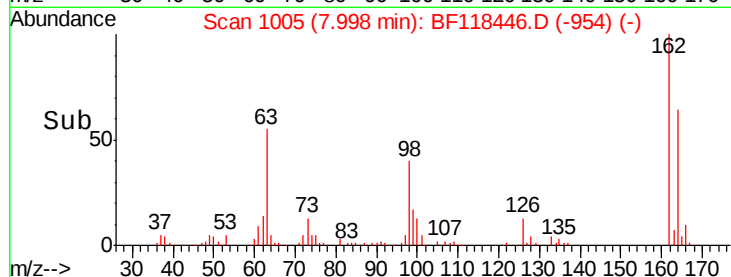
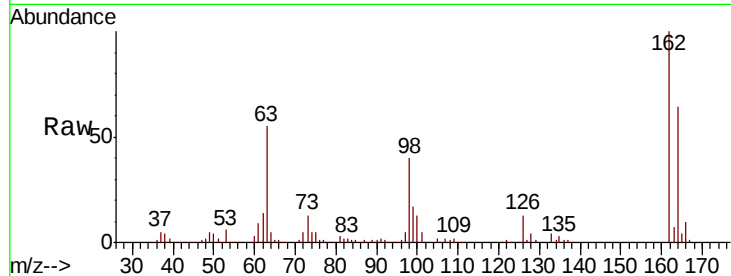
#29
2,4-Dichlorophenol
Concen: 45.412 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	334502		
164	63.9	45.1	85.1	
98	39.6	18.6	58.6	

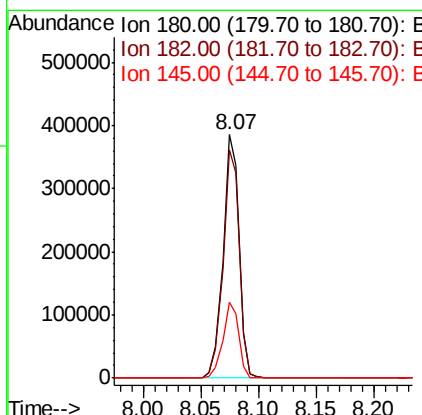
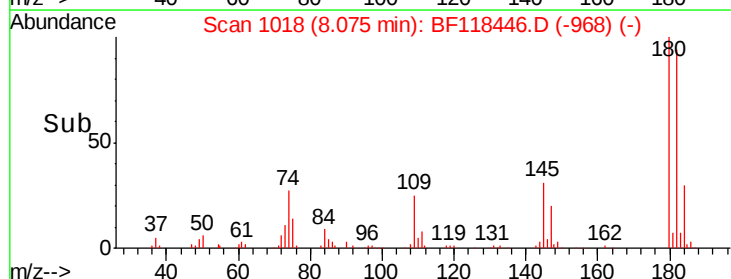
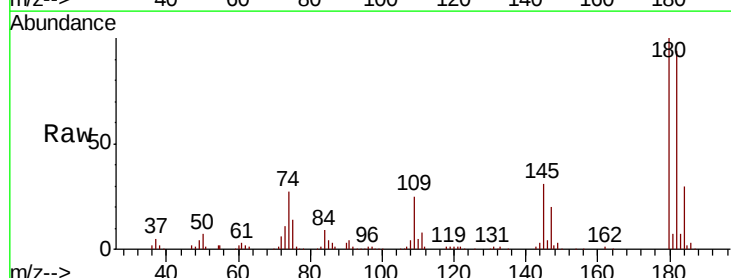
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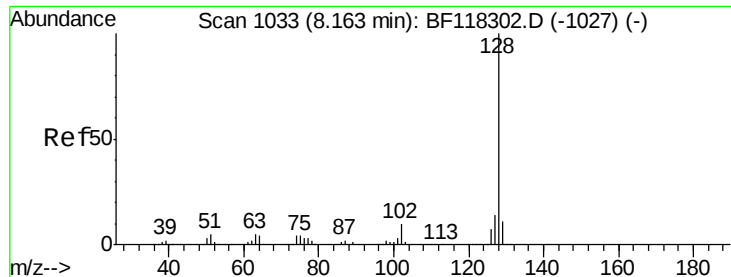
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#30
1,2,4-Trichlorobenzene
Concen: 43.074 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	369595		
182	93.7	78.3	117.5	
145	31.0	26.7	40.1	





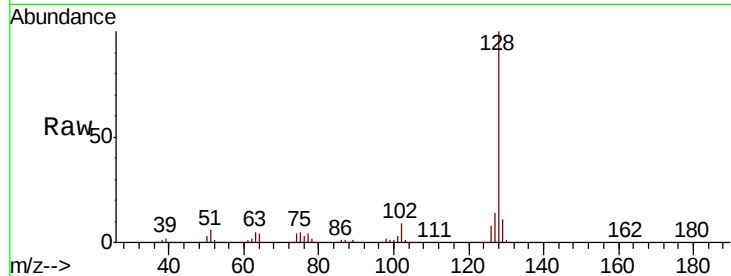
#31
Naphthalene
Concen: 45.720 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.5	11.0	16.4

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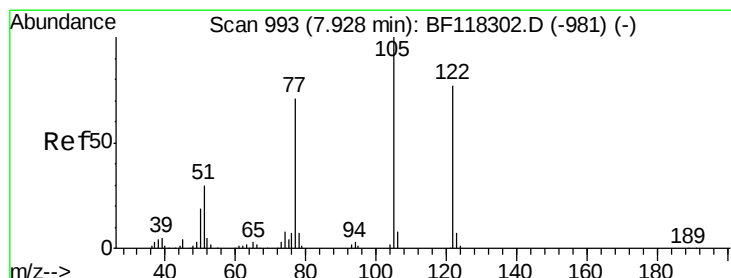
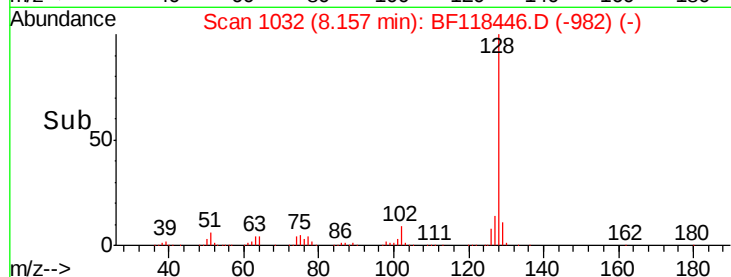
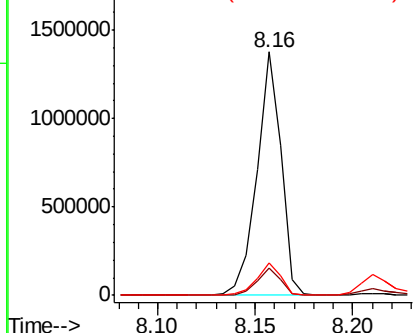


Abundance

Ion 128.00 (127.70 to 128.70): E

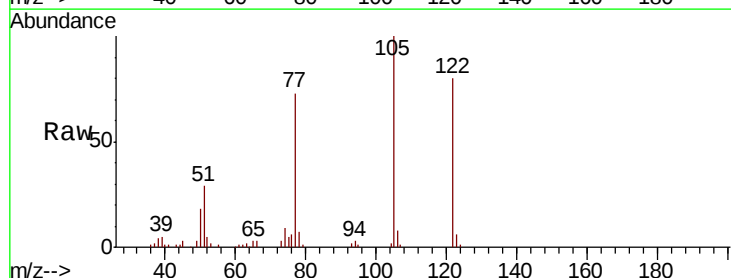
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.703 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.0	106.8	146.8
77	91.4	70.4	110.4

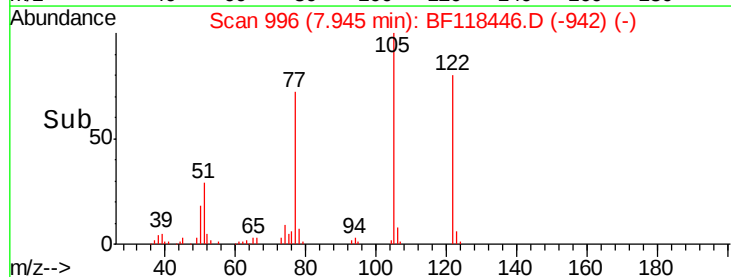
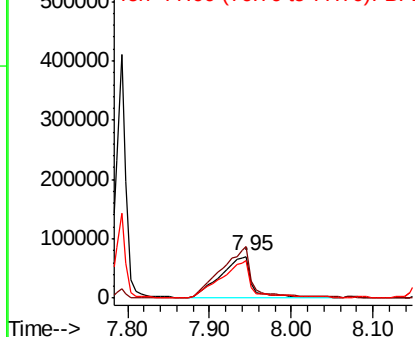


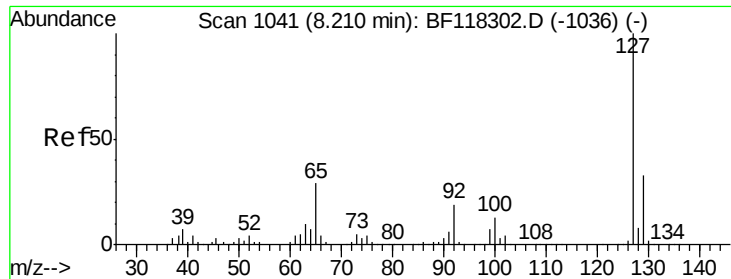
Abundance

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





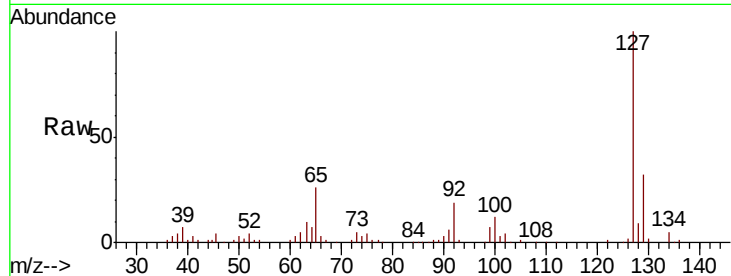
#33
4-Chloroaniline
Concen: 13.755 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

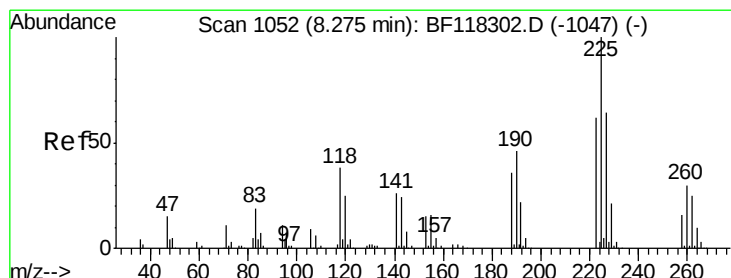
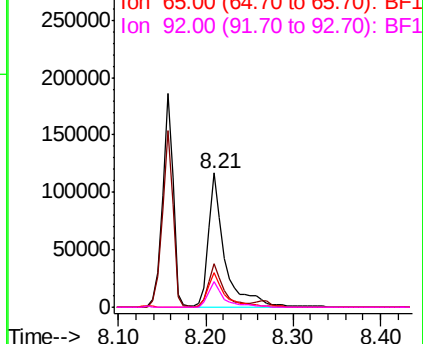
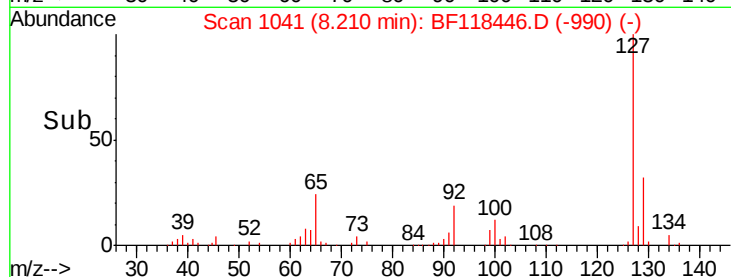
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.5	39.7	
65	25.8	22.8	34.2	
92	19.2	15.5	23.3	

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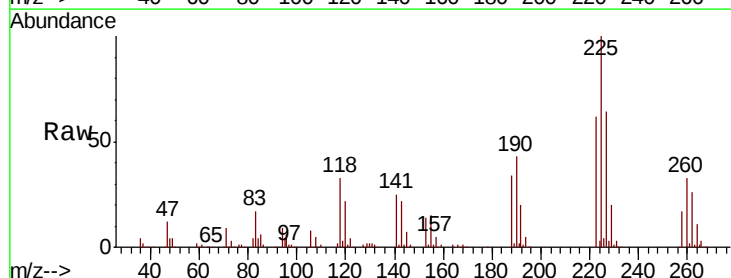


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

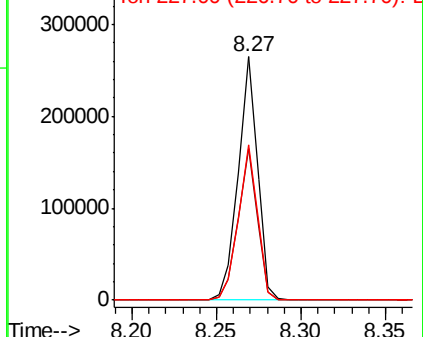
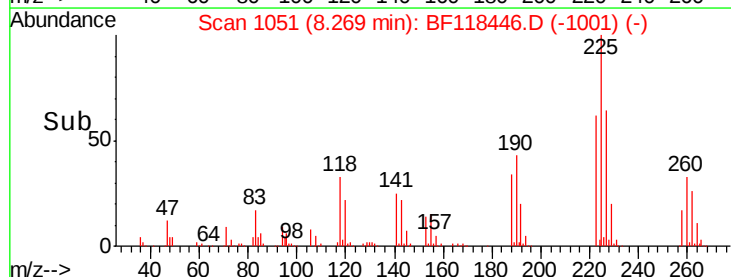


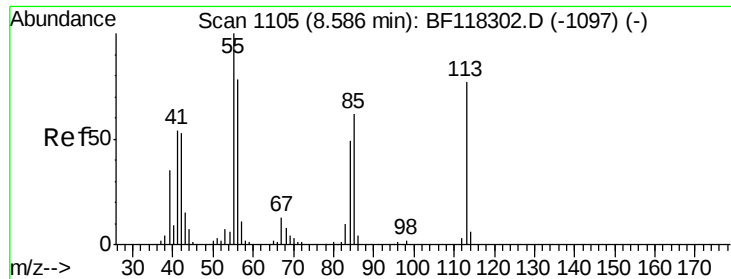
#34
Hexachlorobutadiene
Concen: 41.329 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	49.5	74.3	
227	63.7	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





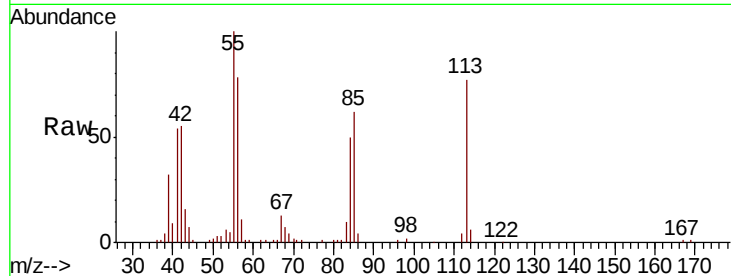
#35
Caprolactam
Concen: 47.391 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleID :
GP-9-(8-10)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.7	109.8	149.8
56	101.7	81.7	121.7

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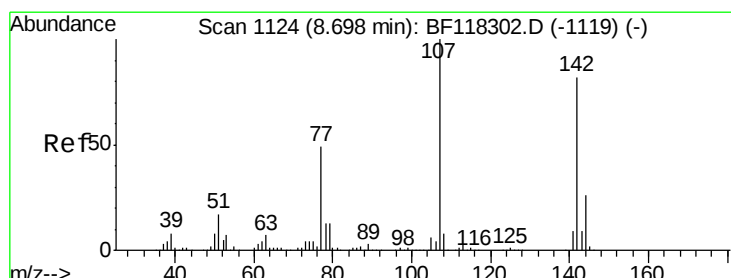
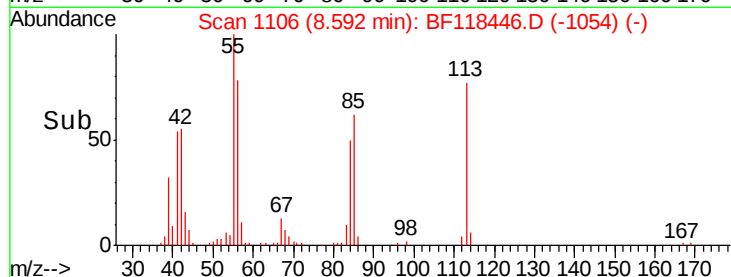
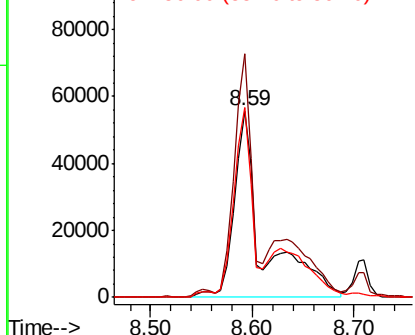


Abundance

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: 45.355 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

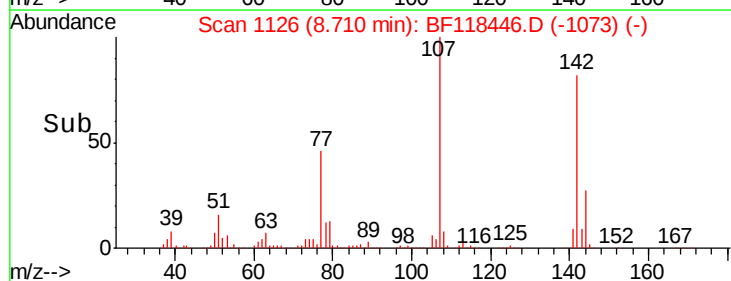
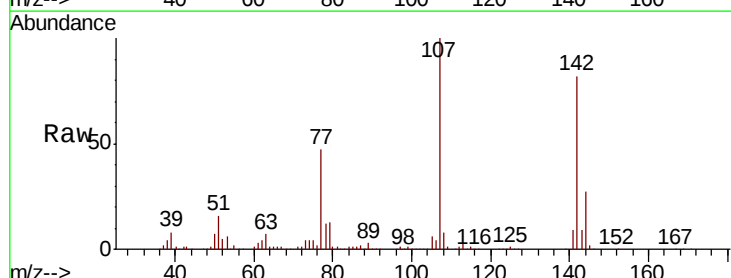
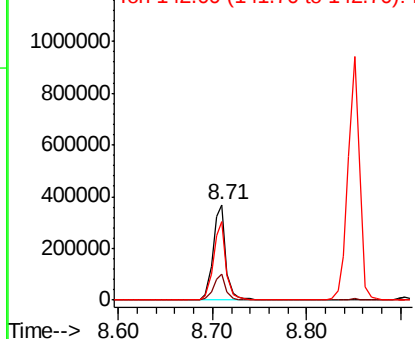
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.2	31.8
142	82.4	65.4	98.2

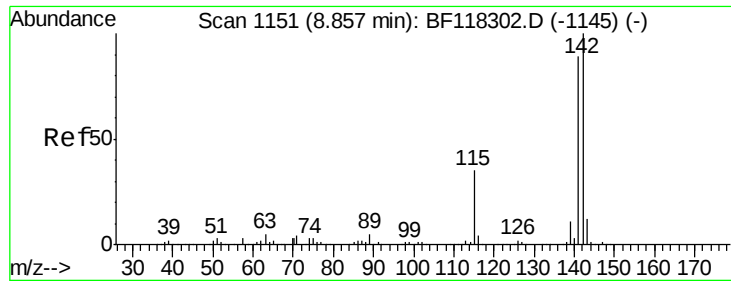
Abundance

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





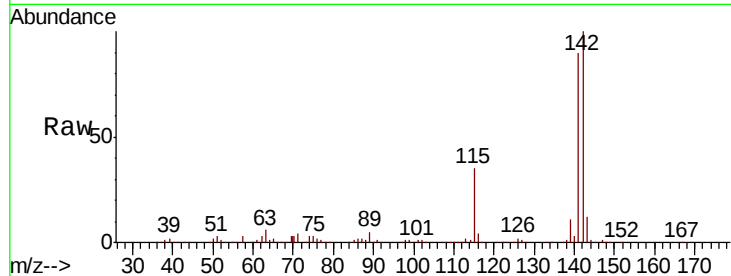
#37
2-Methylnaphthalene
Concen: 45.777 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	34.9	28.0	42.0

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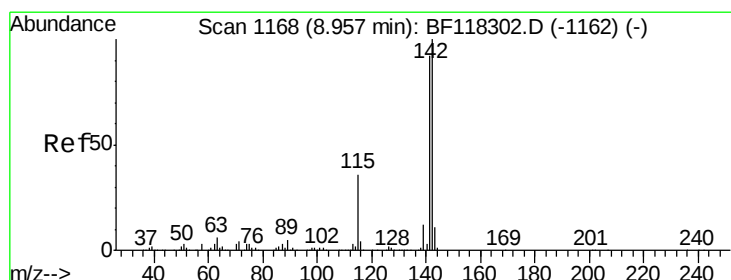
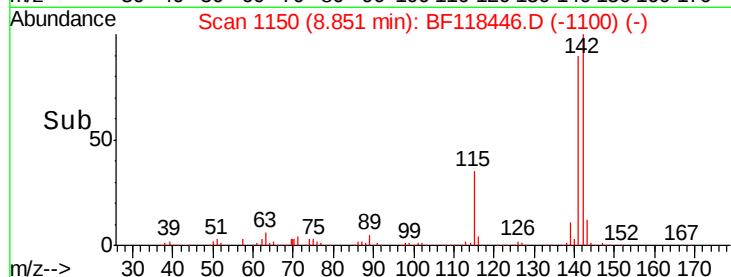
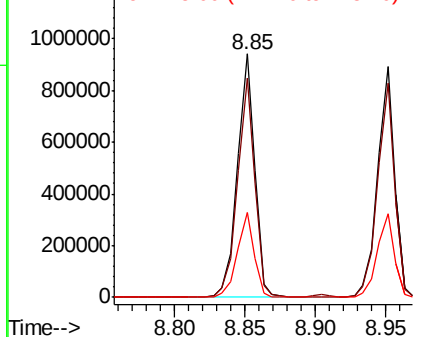


Abundance

Ion 142.00 (141.70 to 142.70): E

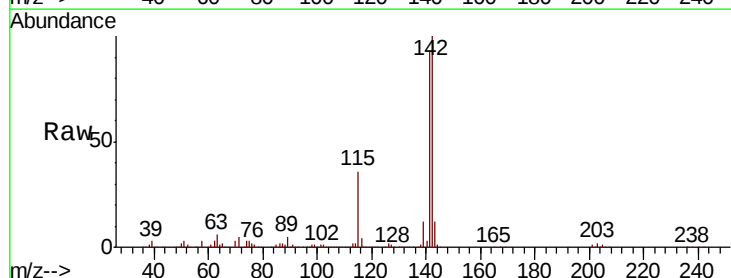
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.478 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.4	110.2
116	3.6	2.9	4.3

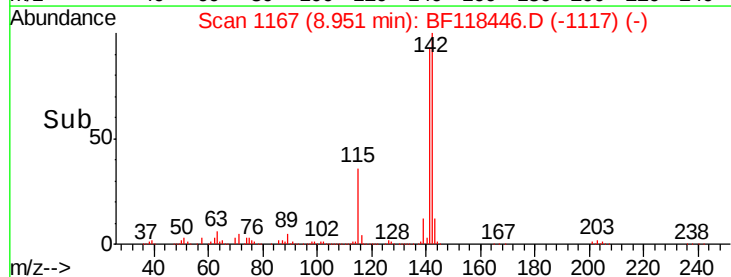
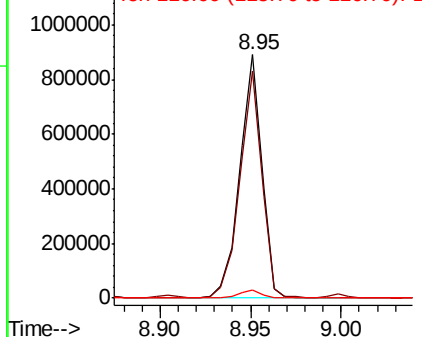


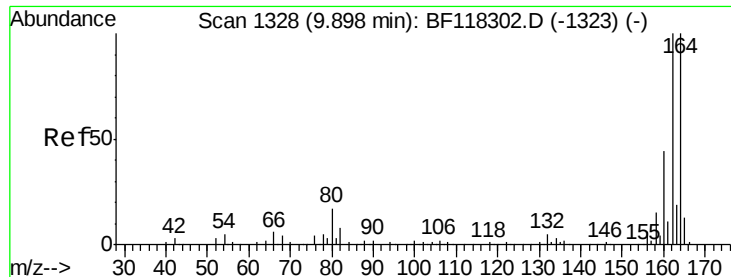
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





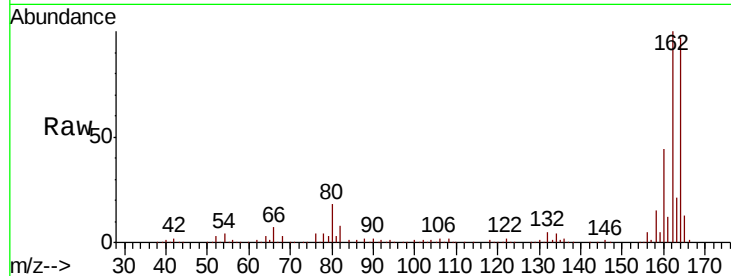
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.0	120.0
160	44.7	34.8	52.2

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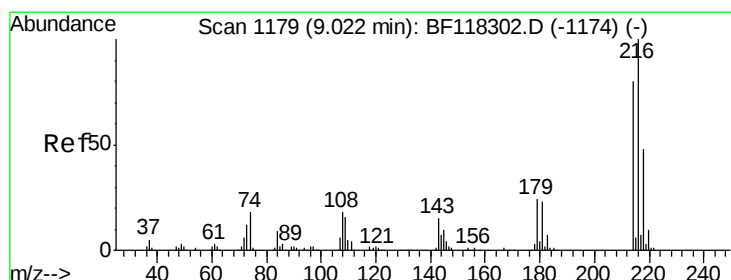
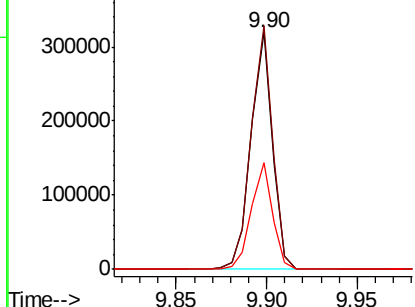
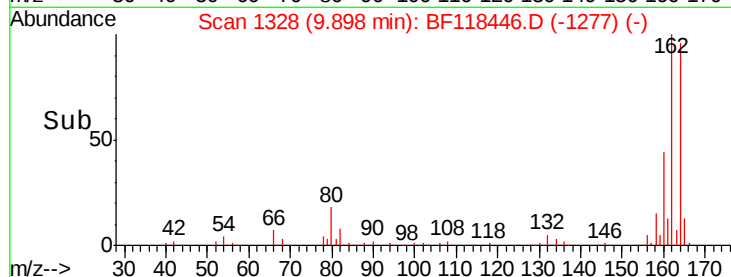


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.675 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.3	94.9
179	23.1	18.9	28.3
108	17.9	15.0	22.6

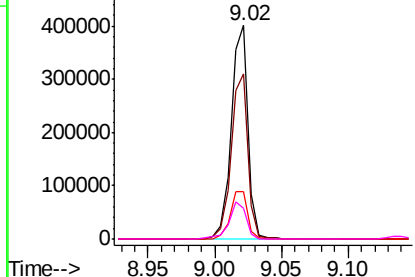
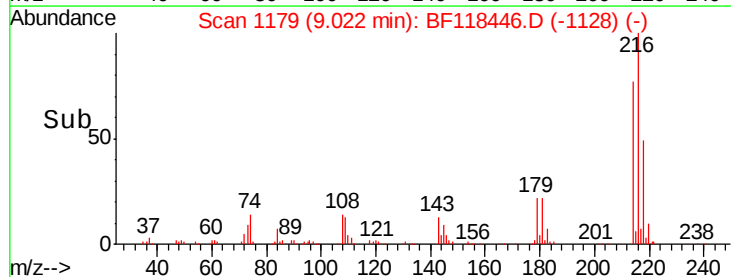
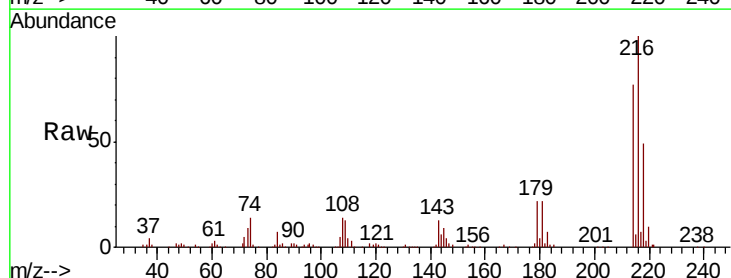
Abundance

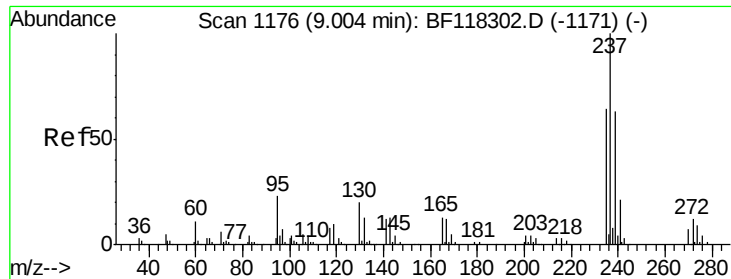
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





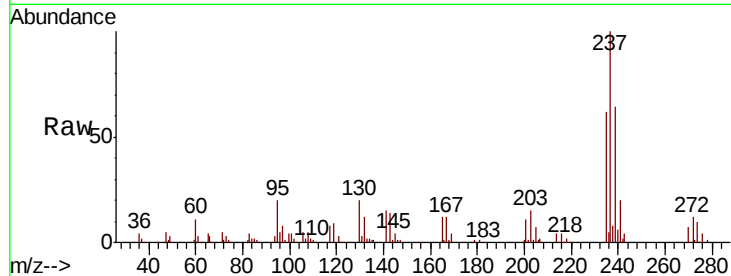
#41
Hexachlorocyclopentadiene
Concen: 31.319 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

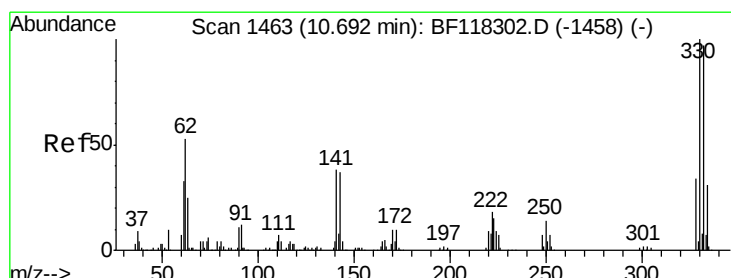
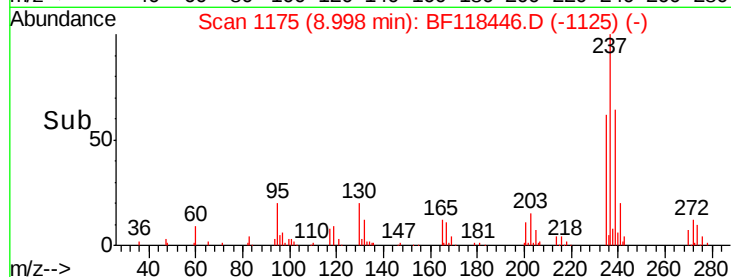
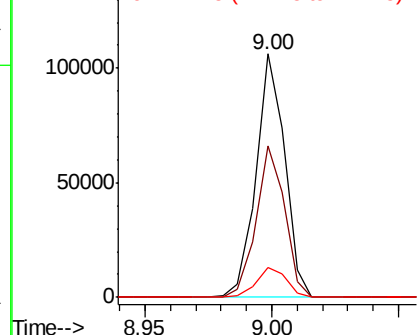
Tot Ion:	237	Resp:	83945
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.8	83.8
272	12.2	0.0	31.7

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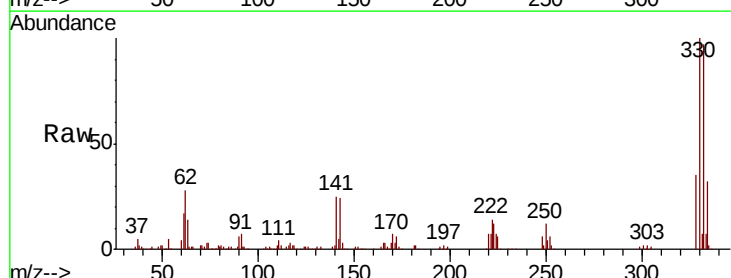


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

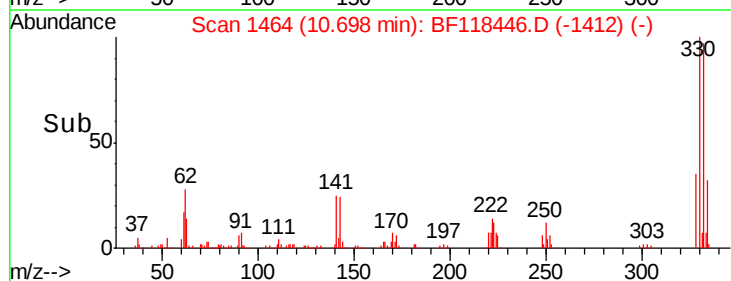
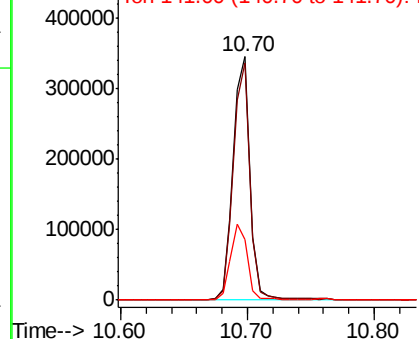


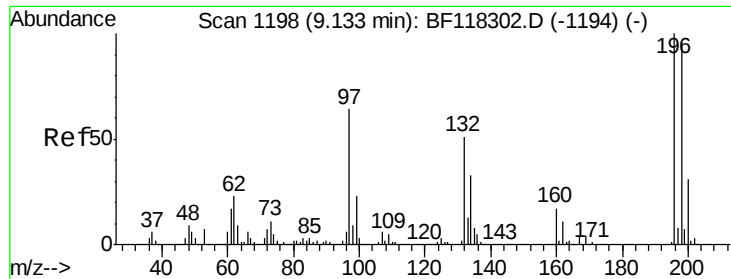
#42
2,4,6-Tribromophenol
Concen: 98.198 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:	330	Resp:	320325
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	114.8
141	31.3	26.0	39.0



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





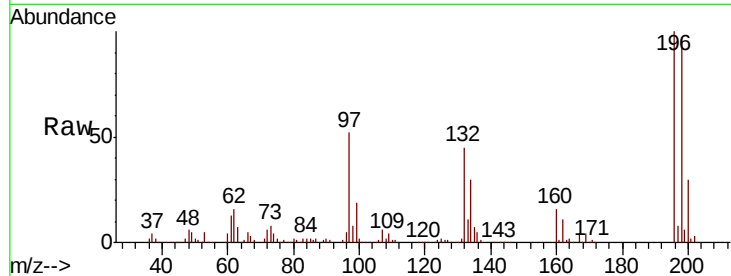
#43
 2,4,6-Trichlorophenol
 Concen: 44.668 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	236839		
198	97.0	76.7	115.1	
200	30.3	24.8	37.2	

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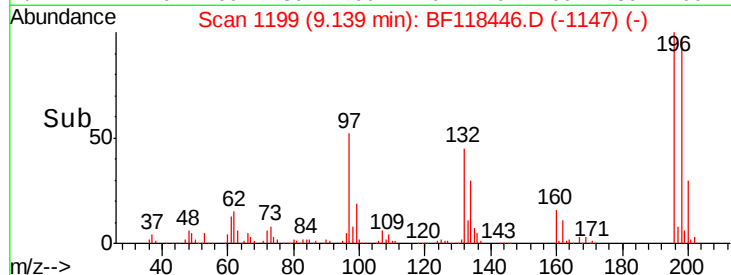
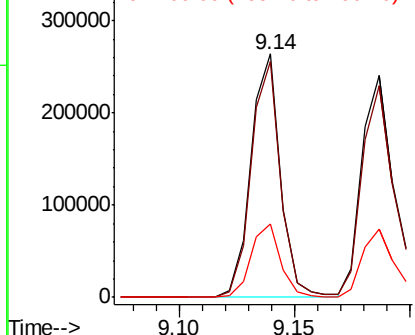


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.336 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247280		
198	95.4	77.0	115.4	
97	46.4	38.9	58.3	
132	28.5	23.9	35.9	

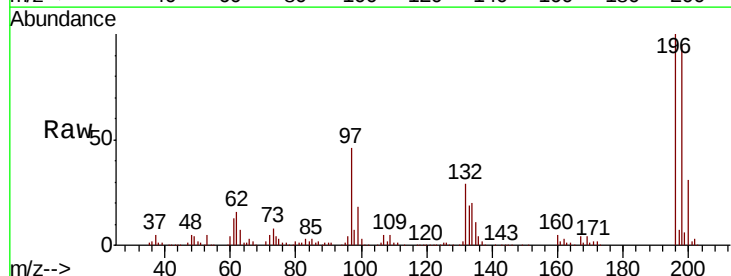
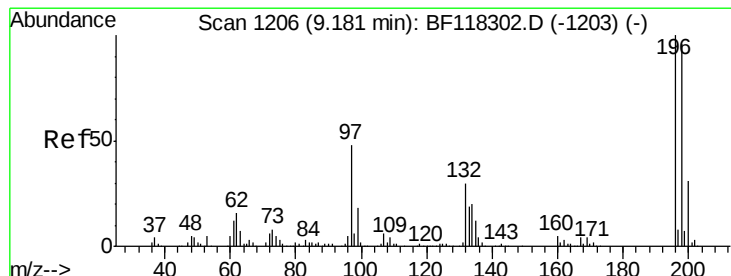
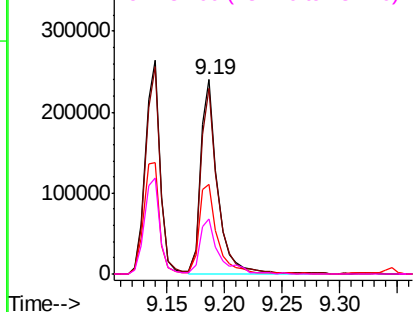
Abundance

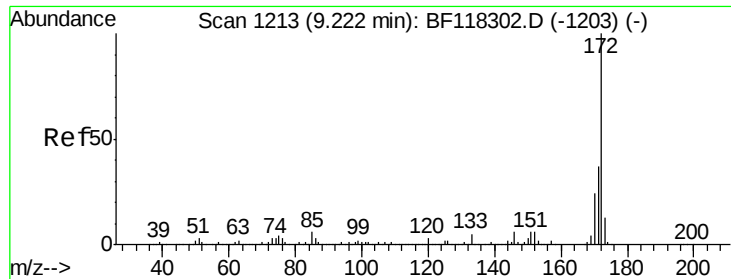
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





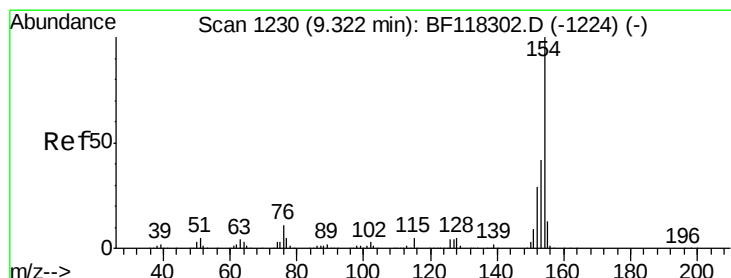
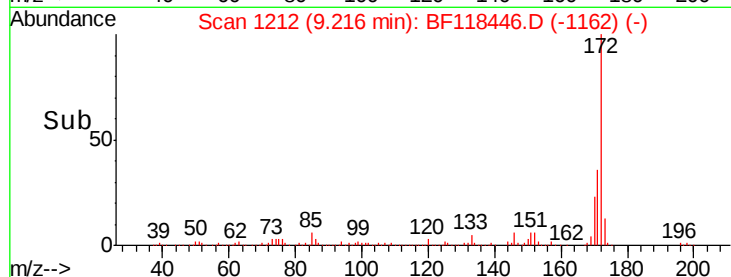
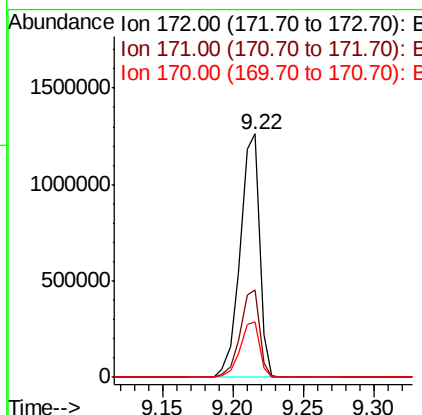
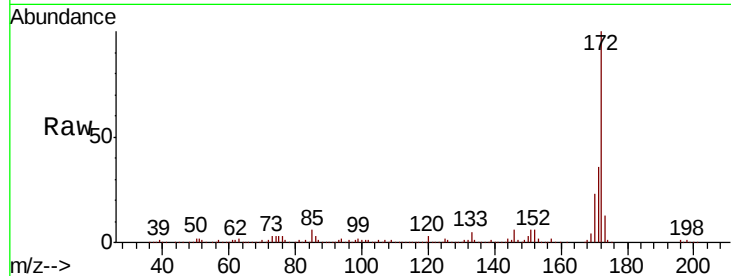
#45
2-Fluorobiphenyl
Concen: 69.976 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	22.9	19.2	28.8

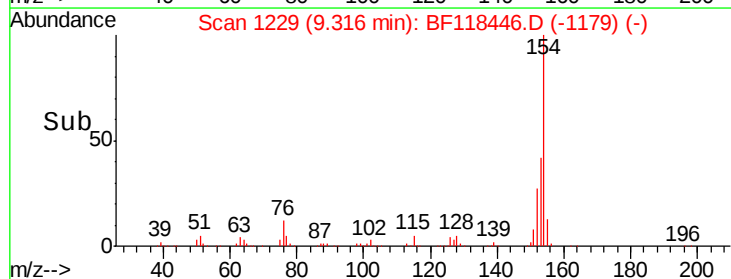
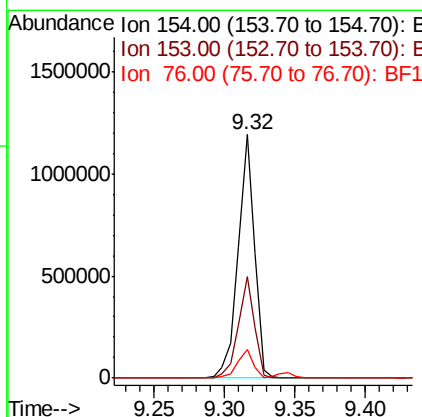
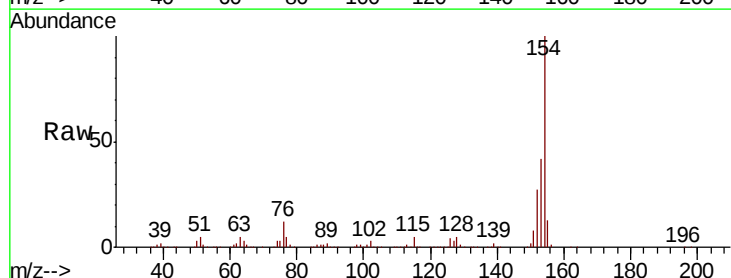
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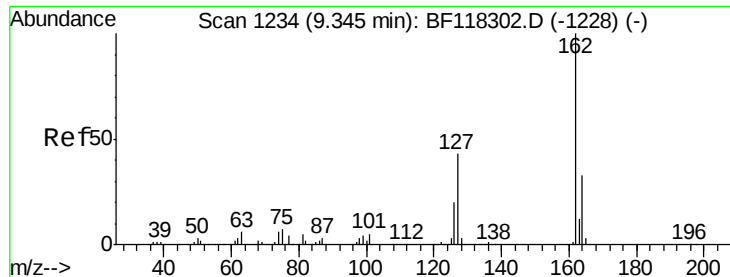
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#46
1,1'-Biphenyl
Concen: 46.090 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.8	61.8
76	11.7	0.0	30.9





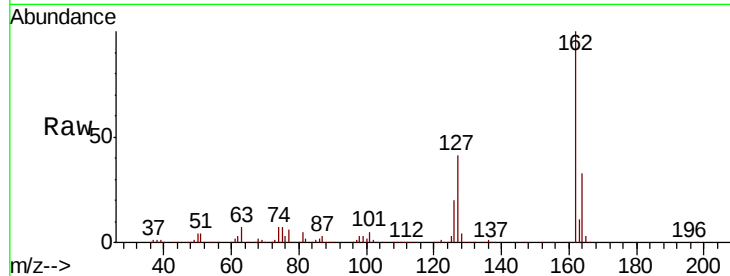
#47
 2-Chloronaphthalene
 Concen: 43.741 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

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

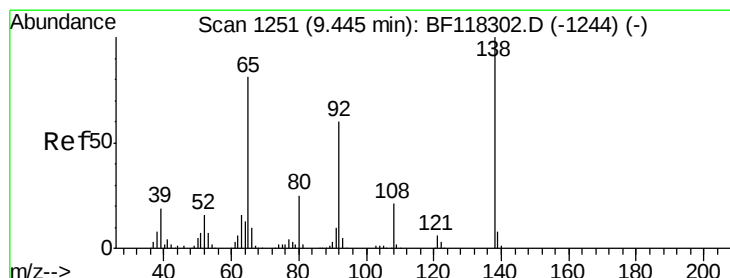
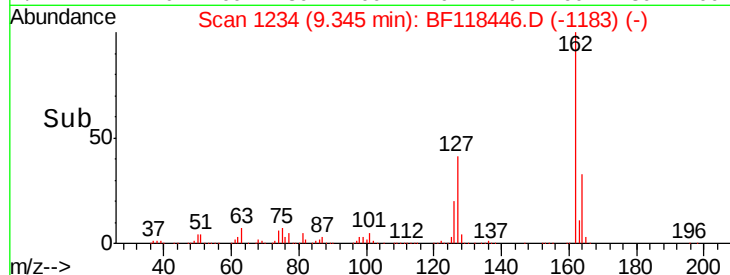
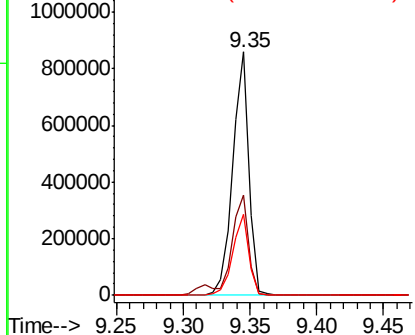
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.4	35.0	52.4	
164	33.5	26.6	40.0	

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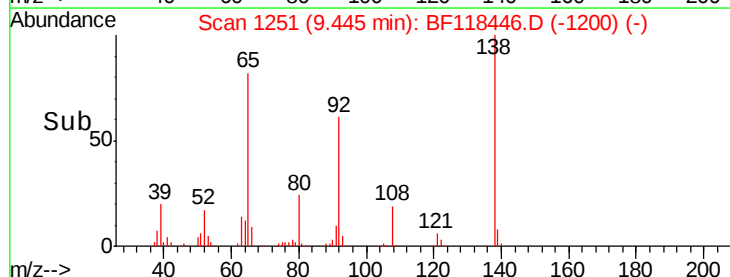
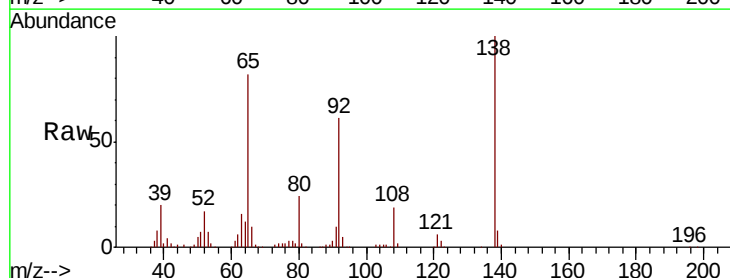
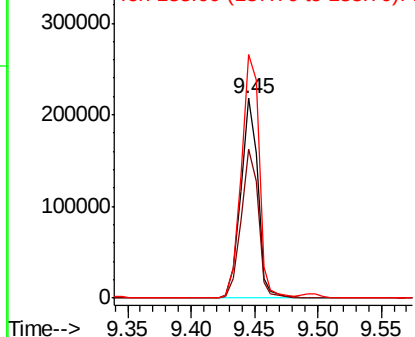
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

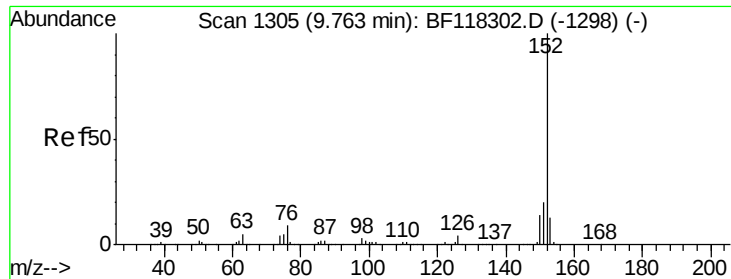


#48
 2-Nitroaniline
 Concen: 42.352 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.5	58.7	88.1	
138	121.8	98.5	147.7	

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





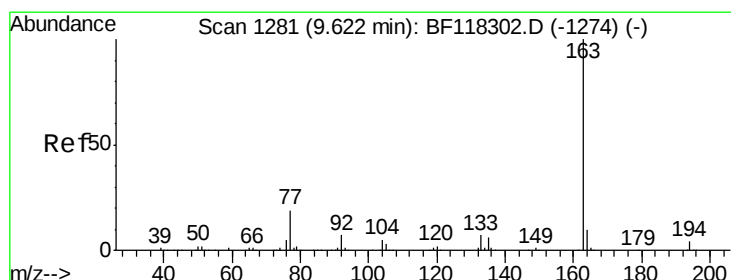
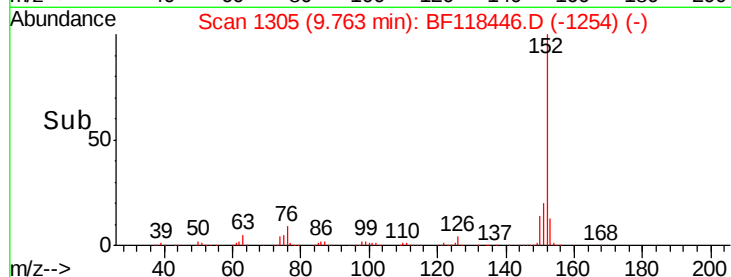
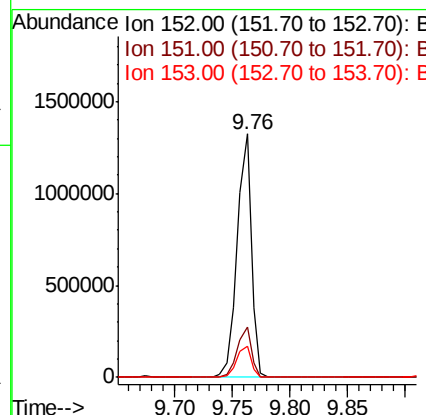
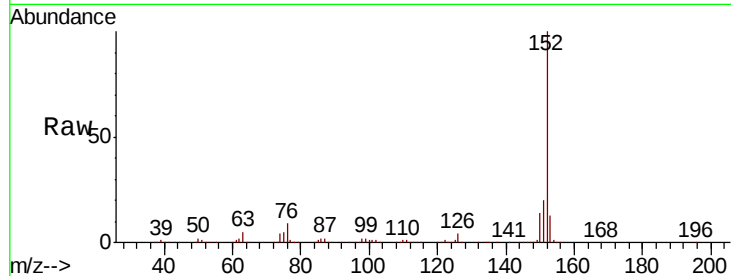
#49
Acenaphthylene
Concen: 45.738 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.0	10.5	15.7

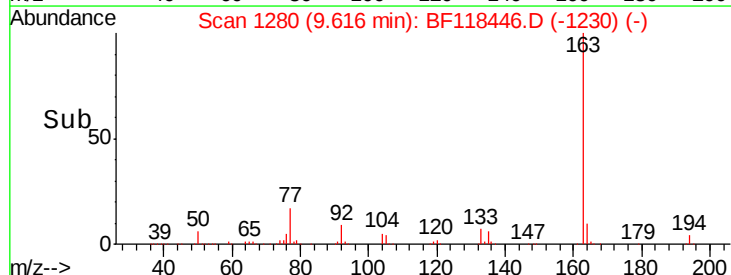
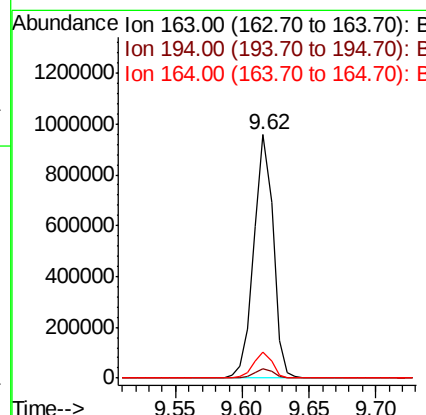
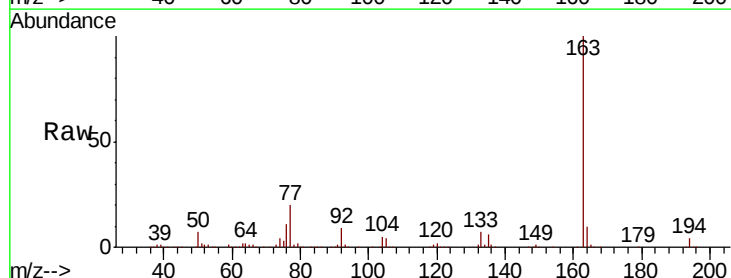
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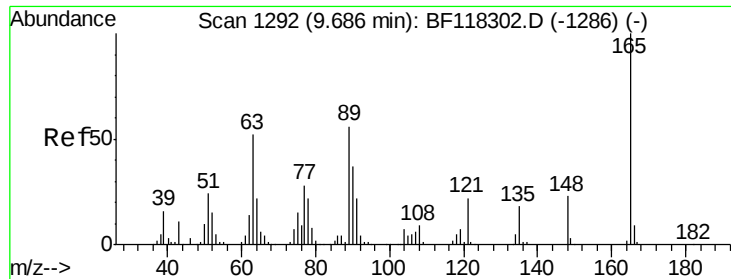
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#50
Dimethylphthalate
Concen: 47.730 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	7.9	11.9





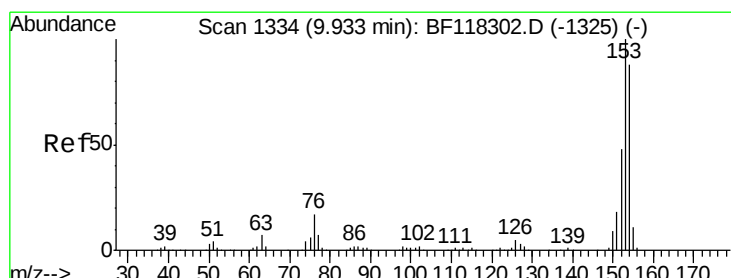
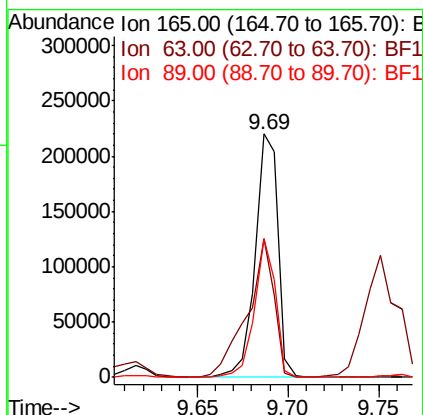
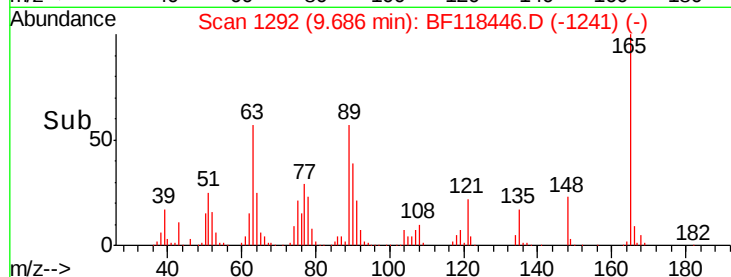
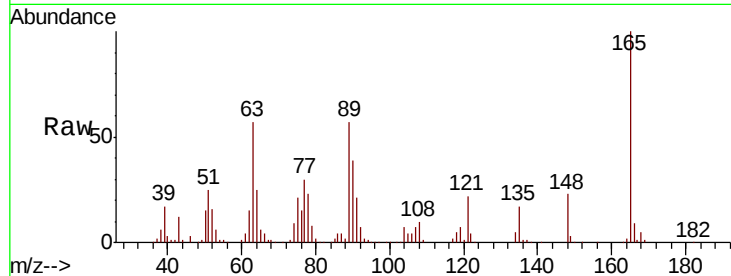
#51
2,6-Dinitrotoluene
Concen: 44.962 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	56.9	42.2	63.4		
89	57.0	44.4	66.6		

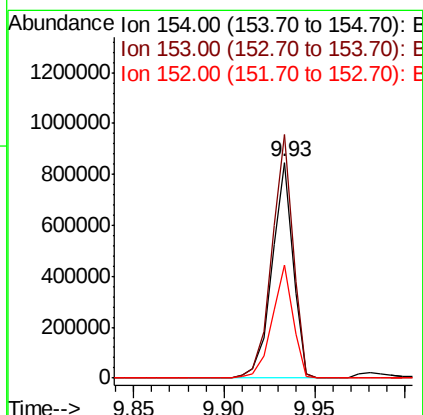
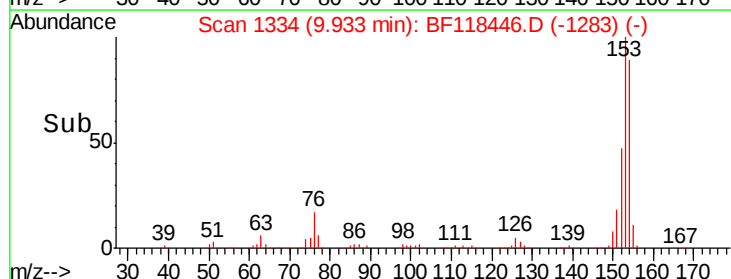
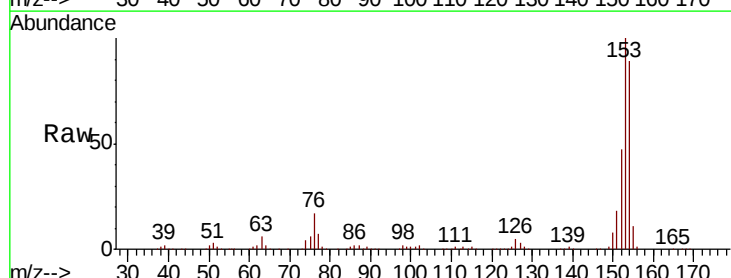
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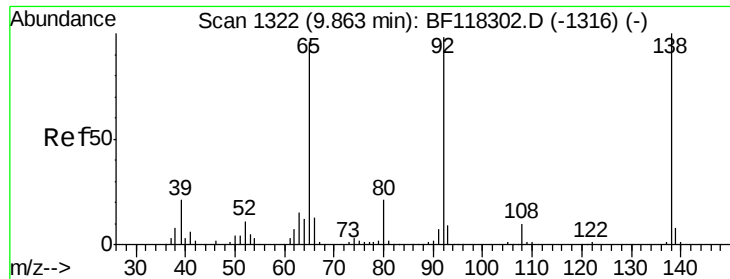
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#52
Acenaphthene
Concen: 44.754 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	112.9	90.6	136.0		
152	52.7	43.1	64.7		





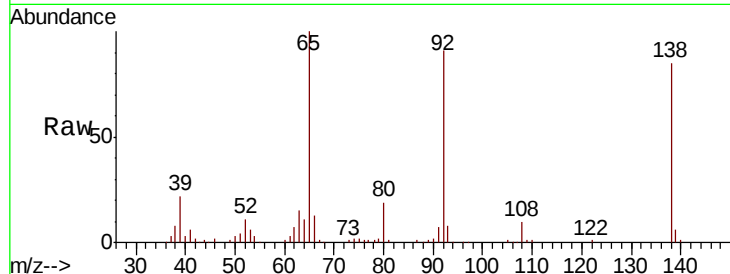
#53
3-Nitroaniline
Concen: 24.310 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.8	11.8
92	107.0	78.2	117.2

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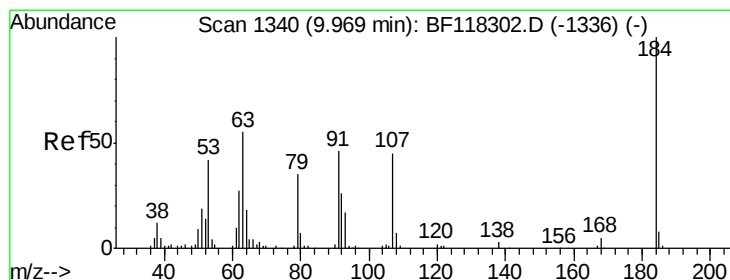
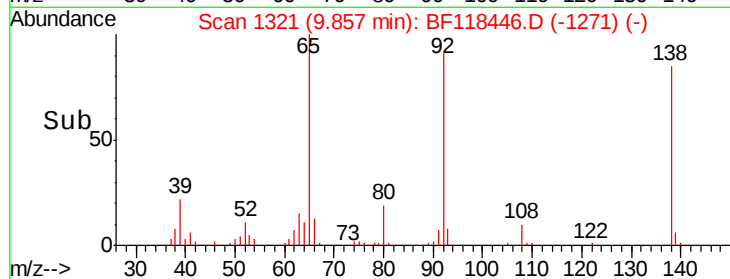
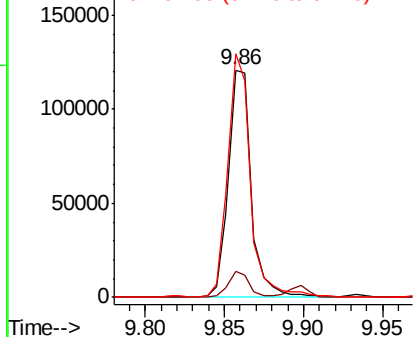


Abundance

Ion 138.00 (137.70 to 138.70): E

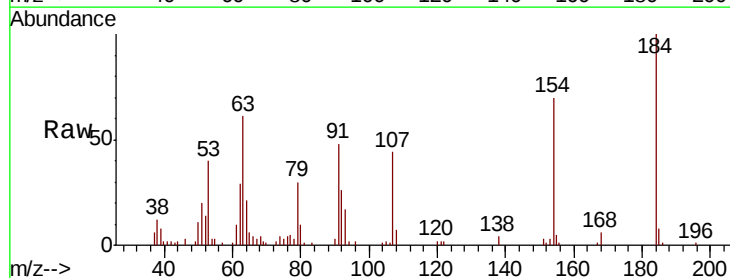
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 23.453 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	48.8	73.2
154	69.5	55.0	82.4

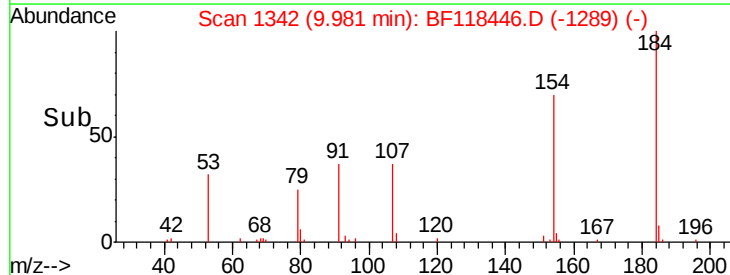
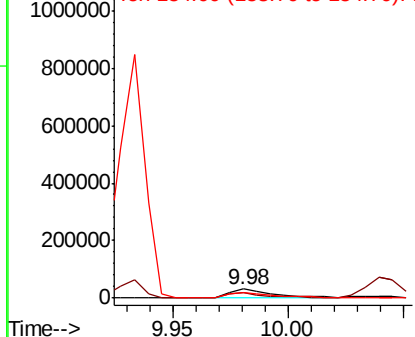


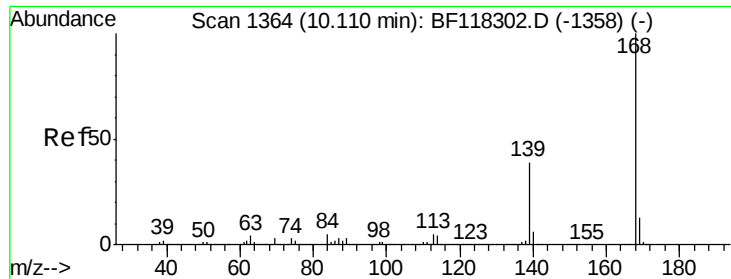
Abundance

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





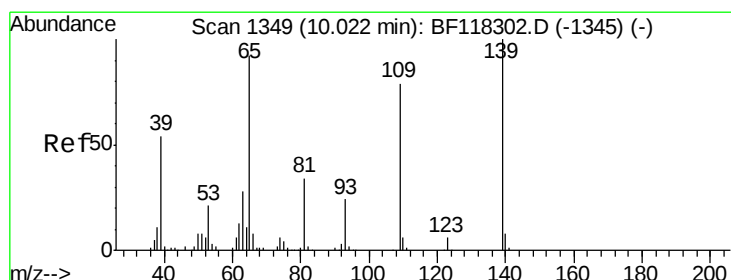
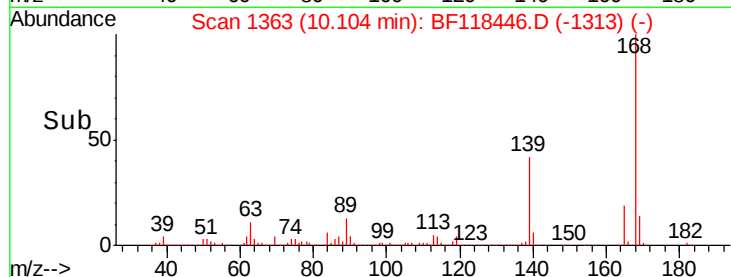
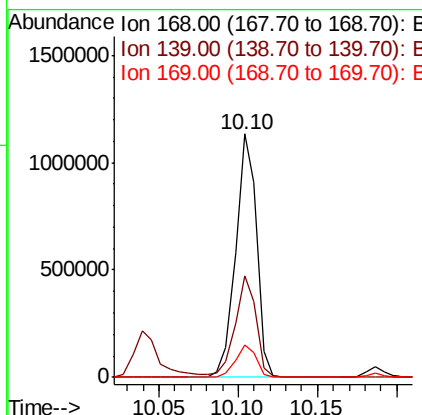
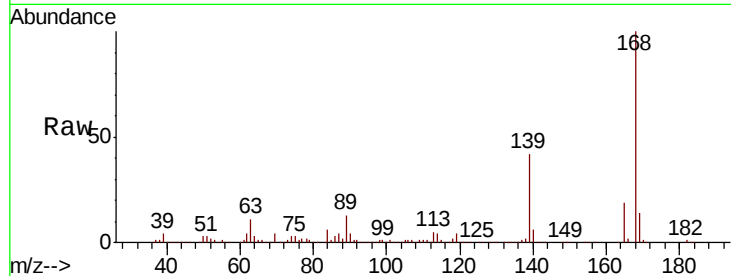
#55
Dibenzofuran
Concen: 46.098 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	31.5	47.3
169	13.6	10.4	15.6

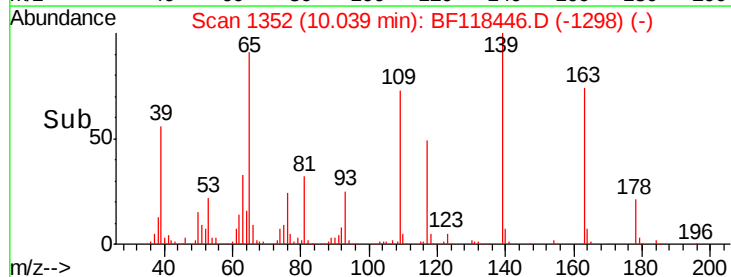
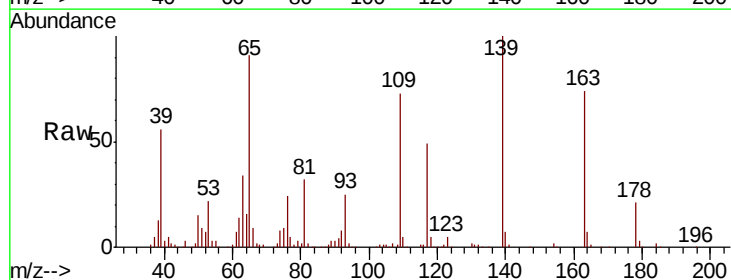
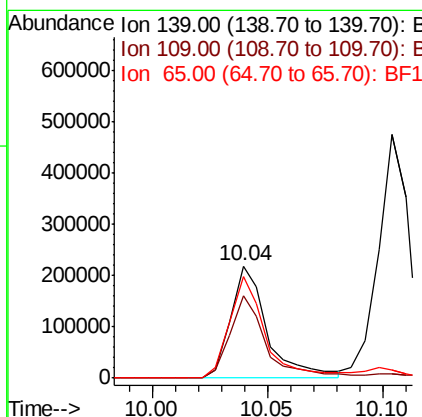
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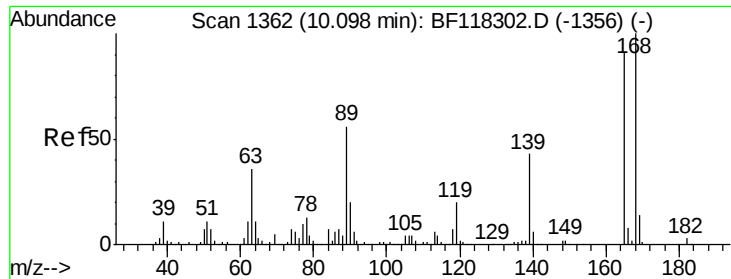
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#56
4-Nitrophenol
Concen: 78.625 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	59.3	99.3
65	90.9	72.4	112.4





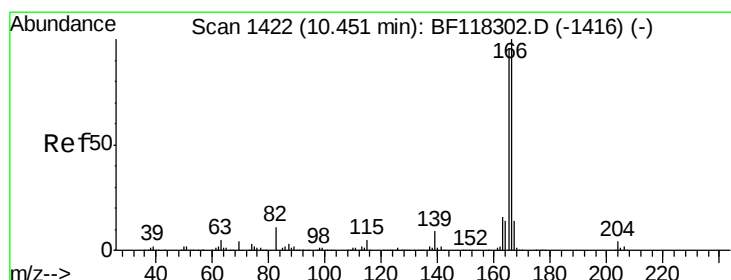
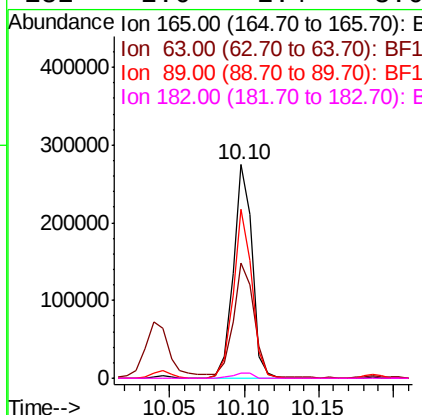
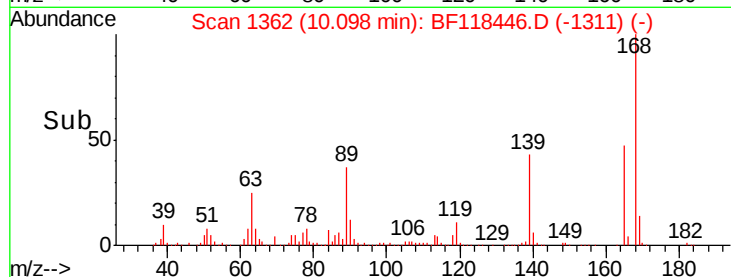
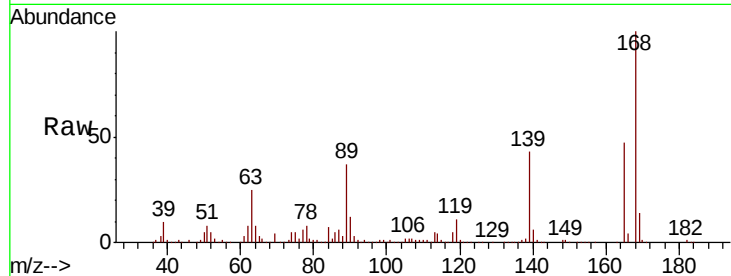
#57
2,4-Dinitrotoluene
Concen: 42.687 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.8	32.0	48.0#	
89	78.9	49.3	73.9#	
182	2.6	2.4	3.6	

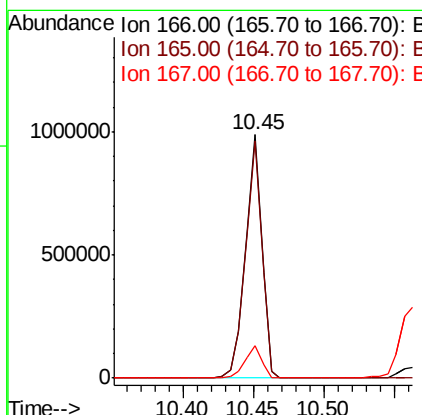
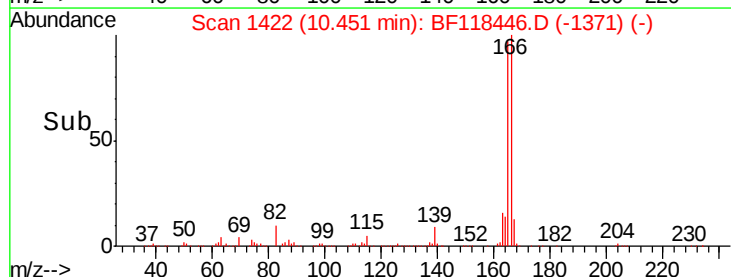
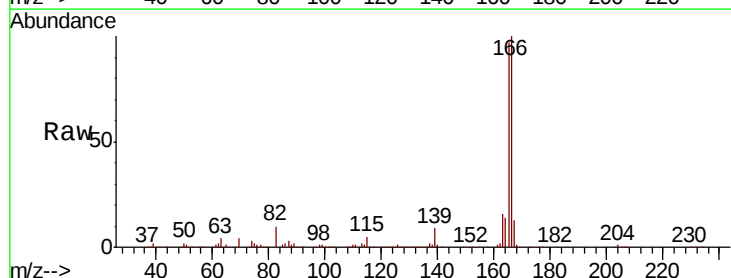
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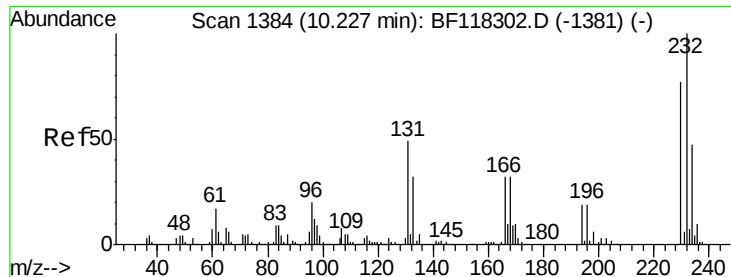
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#58
Fluorene
Concen: 44.480 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	77.0	115.4	
167	13.5	10.9	16.3	





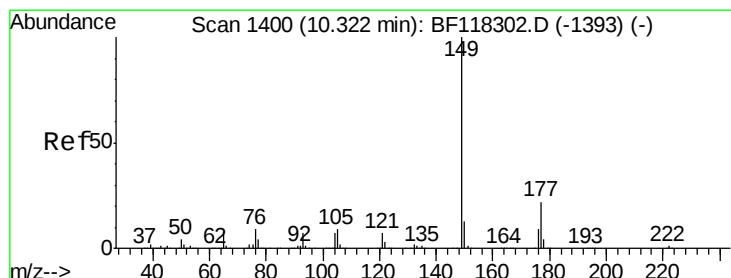
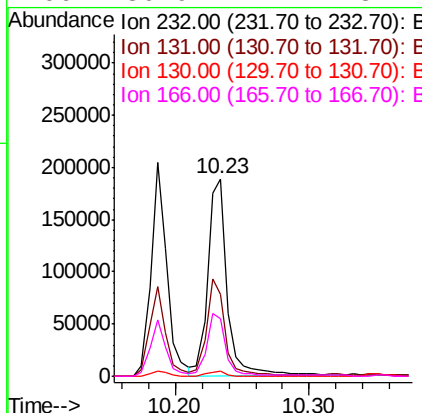
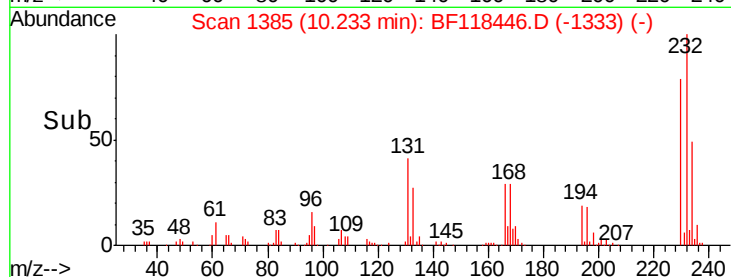
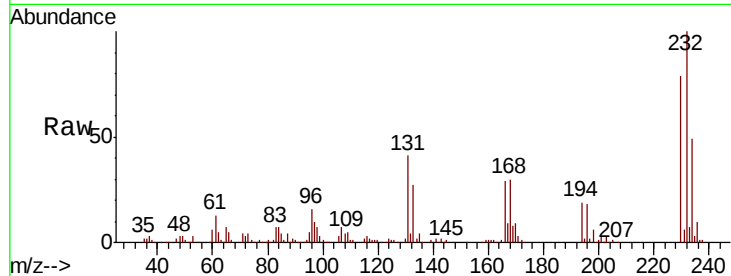
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.920 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.7	56.5
130	2.3	2.0	3.0
166	30.9	24.7	37.1

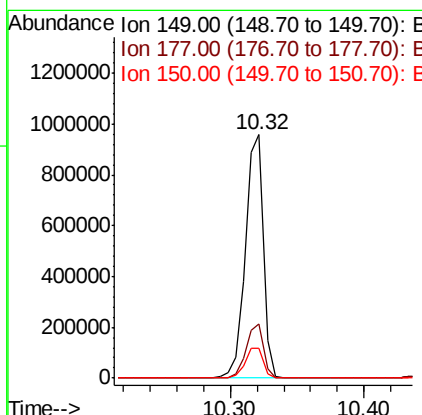
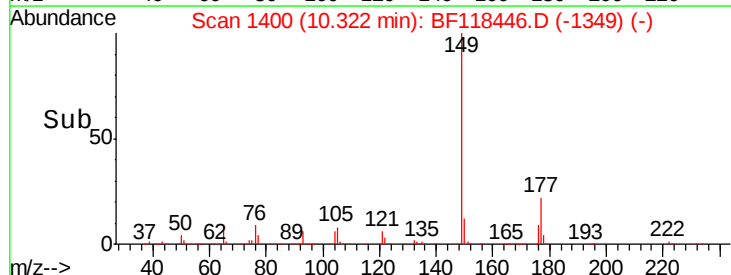
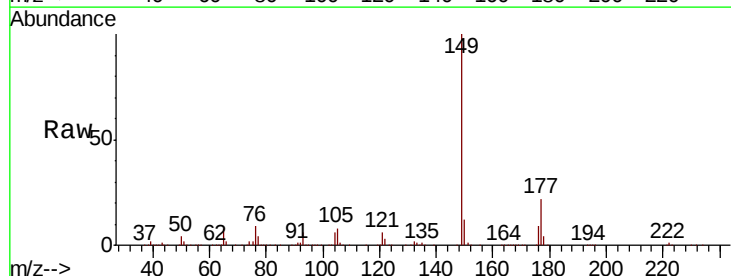
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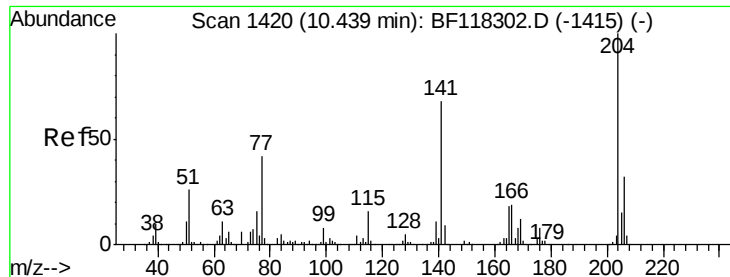
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#60
Diethylphthalate
Concen: 44.935 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.9	26.9
150	12.4	10.2	15.2





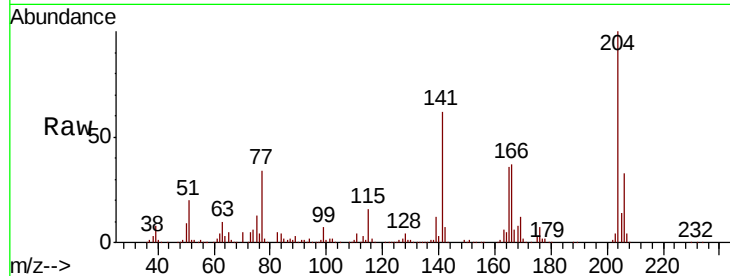
#61
4-Chlorophenyl-phenylether
Concen: 44.190 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	61.9	54.2	81.4

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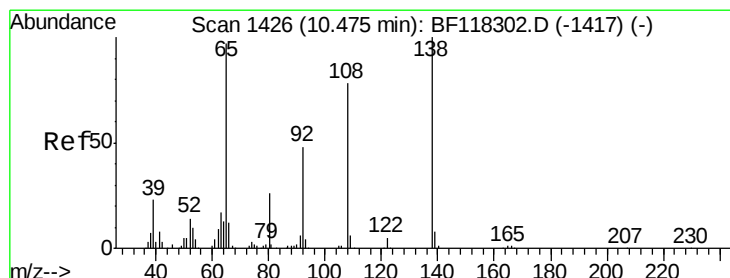
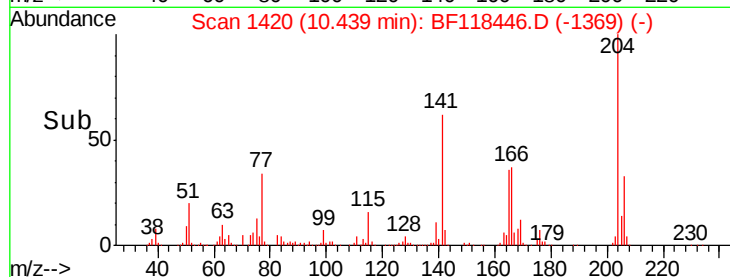
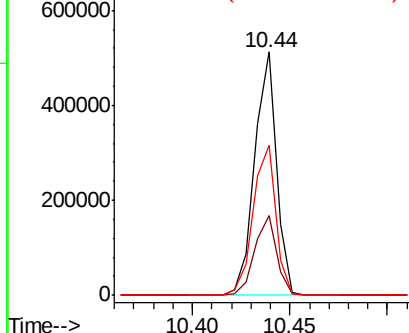


Abundance

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: 34.006 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

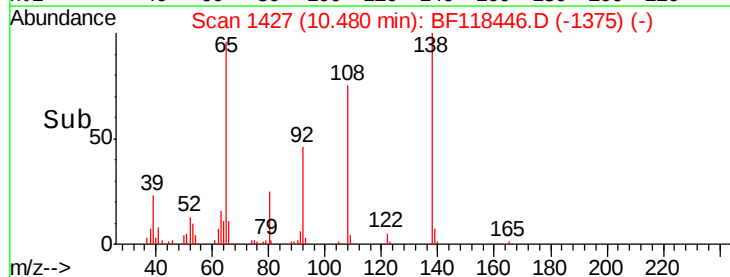
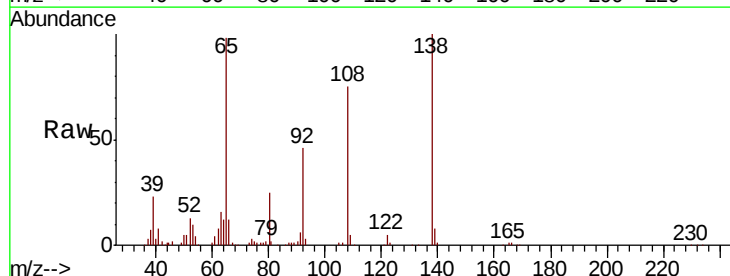
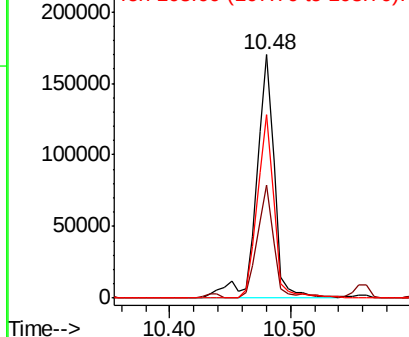
Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	27.9	67.9
108	75.2	58.1	98.1

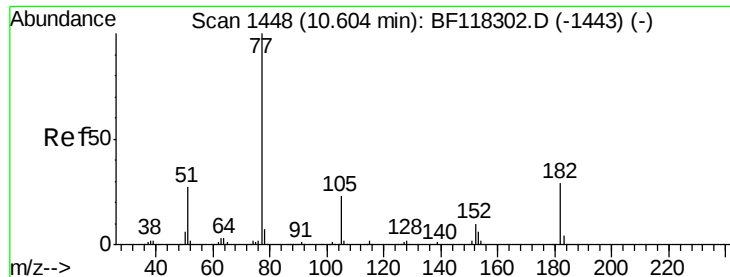
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





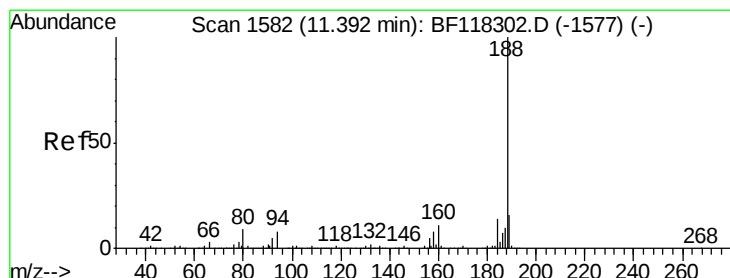
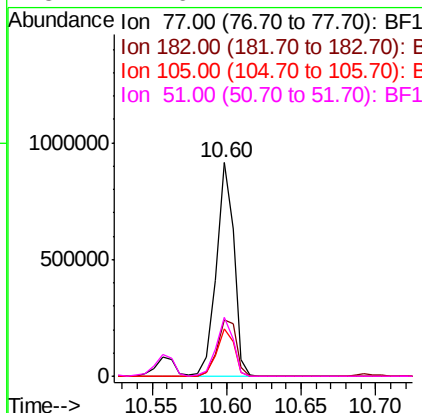
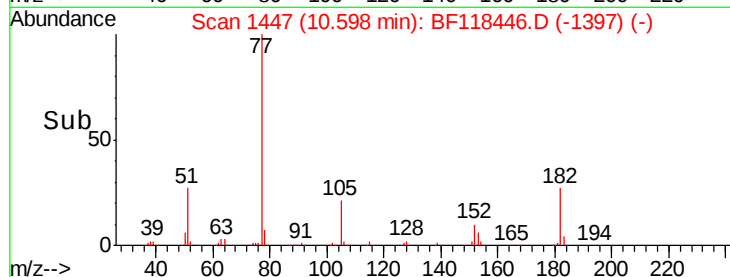
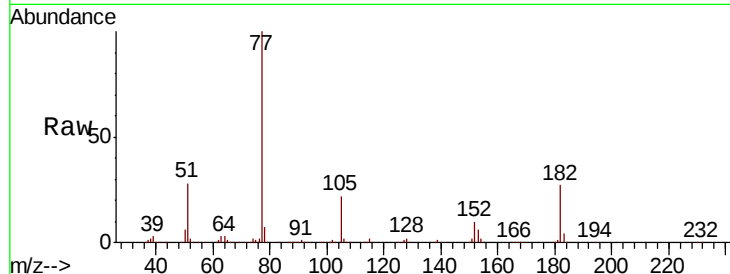
#63
Azobenzene
Concen: 44.544 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.7	9.2	49.2	
105	22.0	3.2	43.2	
51	27.6	7.1	47.1	

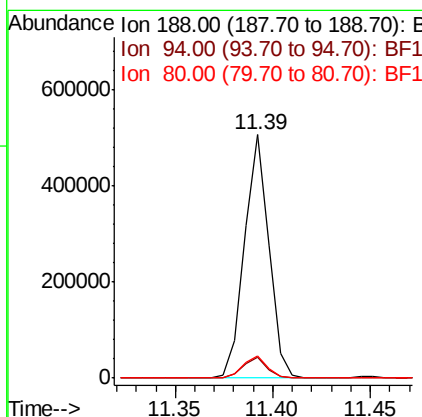
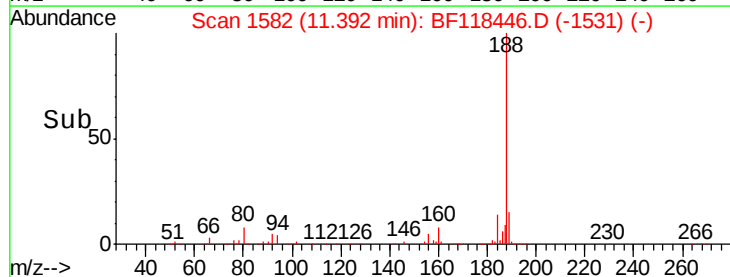
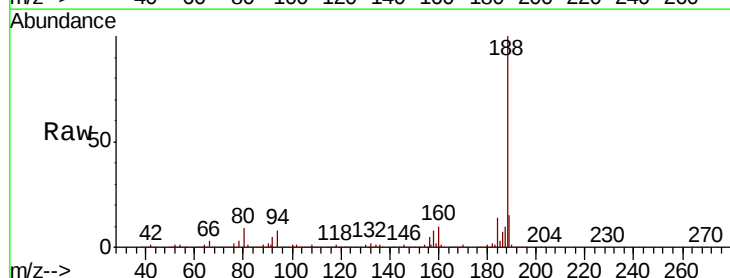
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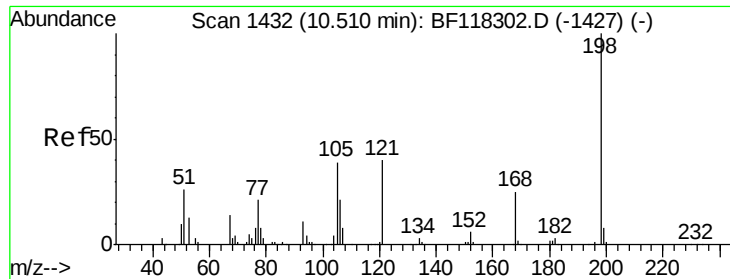
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.4	6.7	10.1	
80	8.9	7.2	10.8	





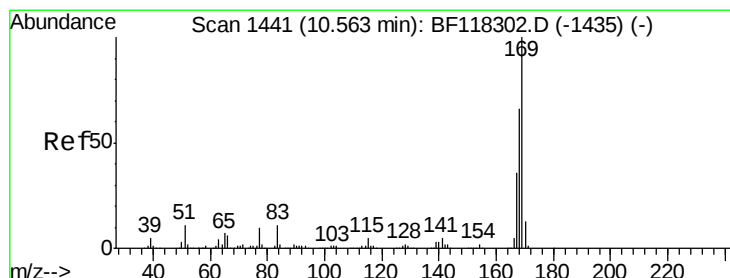
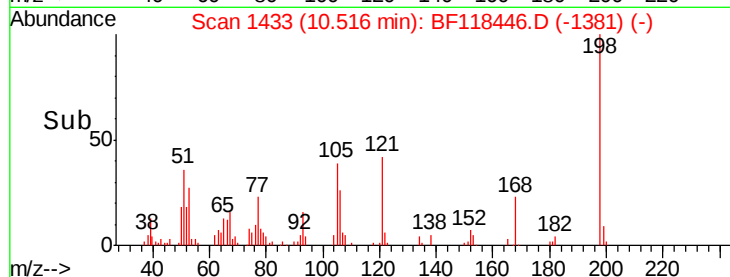
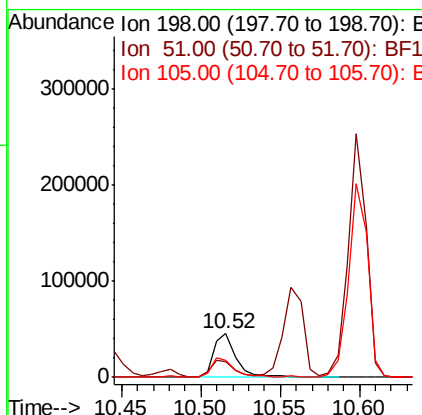
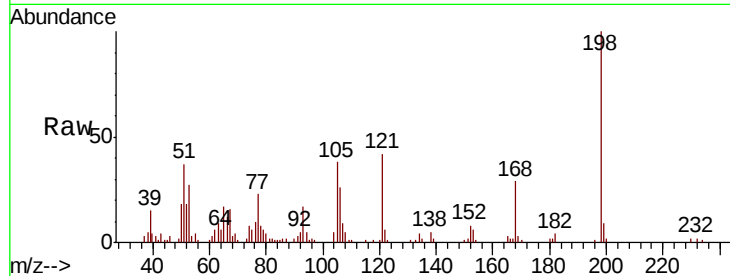
#65
4,6-Dinitro-2-methylphenol
Concen: 19.083 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.9	12.8	52.8
105	38.3	20.3	60.3

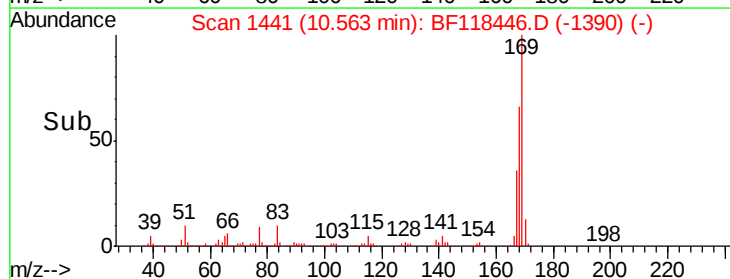
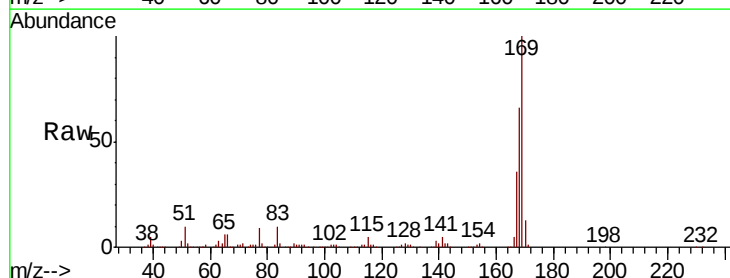
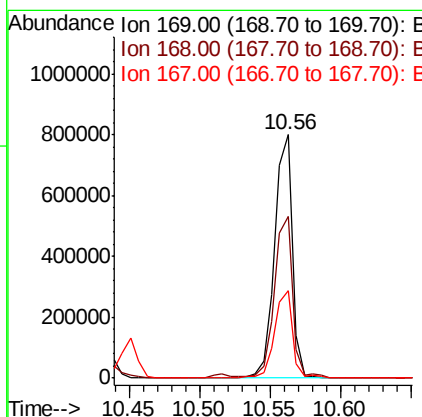
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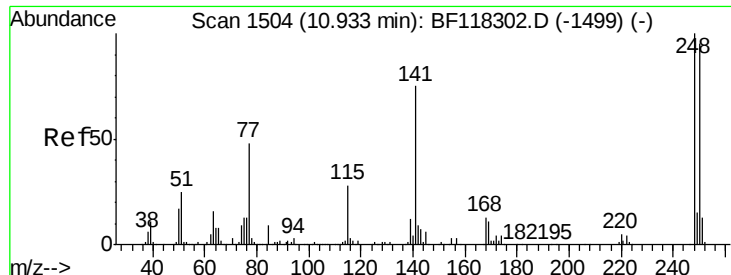
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#66
n-Nitrosodiphenylamine
Concen: 49.984 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.6	79.0
167	36.0	28.4	42.6





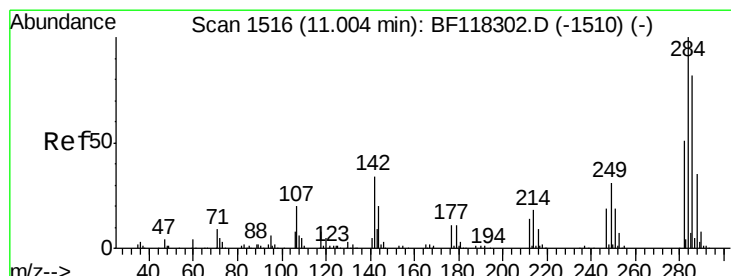
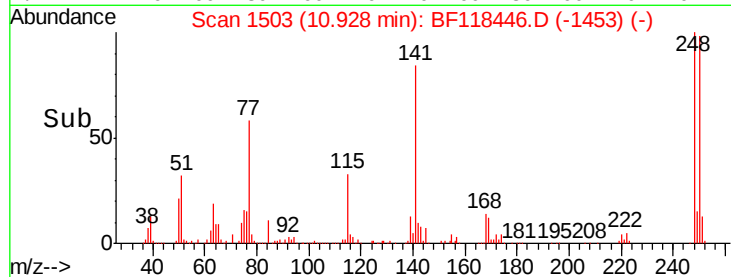
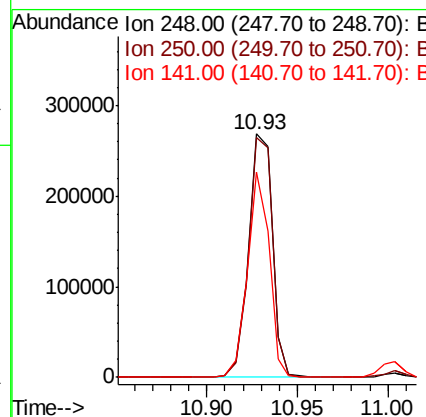
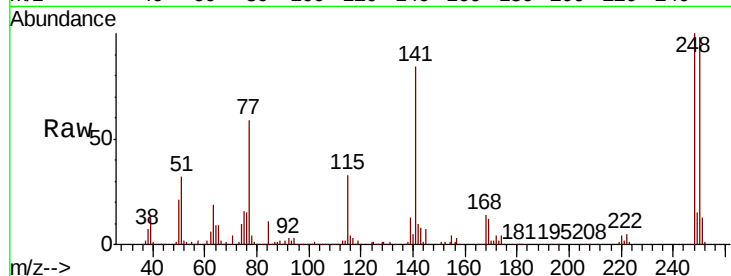
#67
 4-Bromophenyl-phenylether
 Concen: 47.651 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

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

Tot Ion:	248	Resp:	245940
Ion Ratio	Lower	Upper	
248	100		
250	98.5	76.4	114.6
141	84.3	60.2	90.2

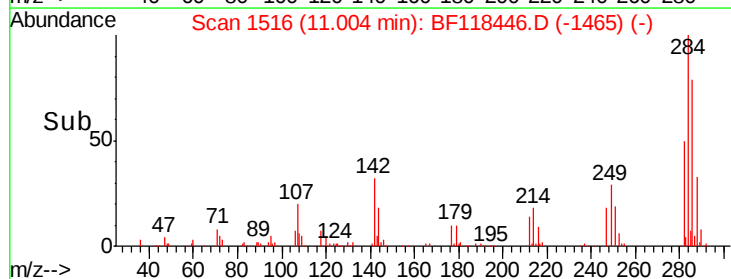
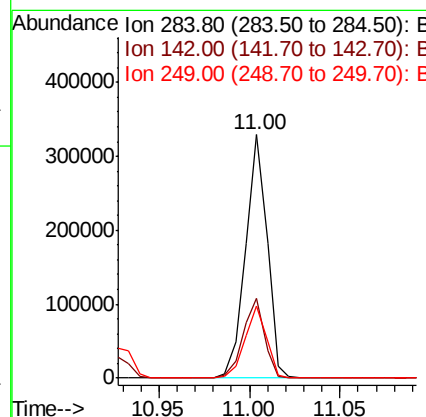
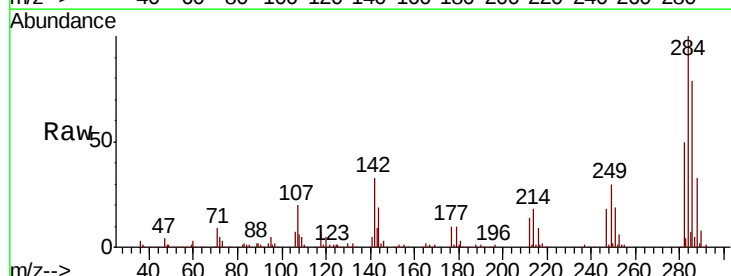
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#68
 Hexachlorobenzene
 Concen: 44.675 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:	284	Resp:	271412
Ion Ratio	Lower	Upper	
284	100		
142	32.9	27.3	40.9
249	29.7	25.0	37.6





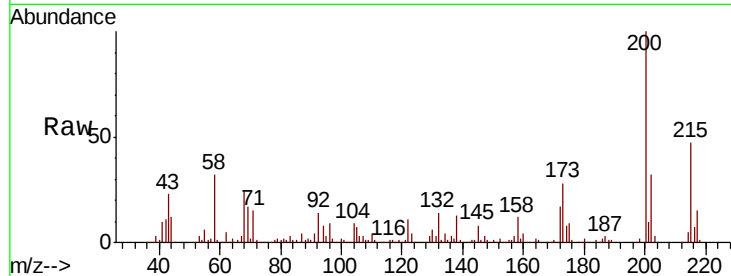
#69
Atrazine
Concen: 53.380 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	5.8	45.8
215	46.9	25.1	65.1

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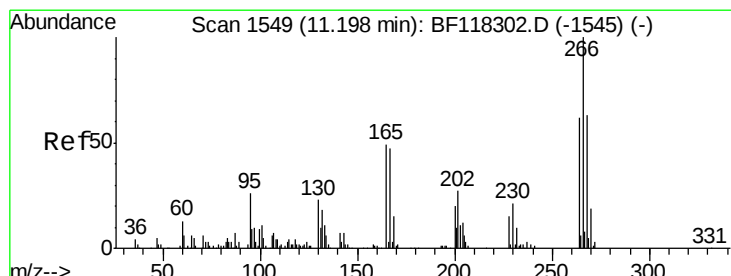
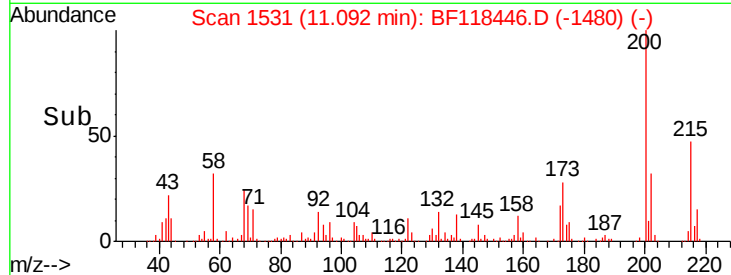
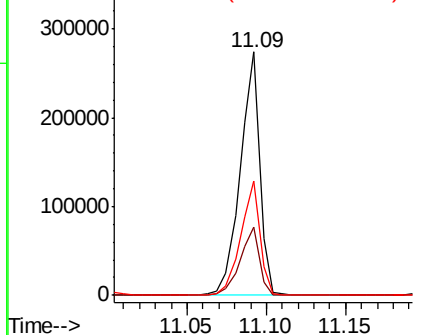


Abundance

Ion 200.00 (199.70 to 200.70): E

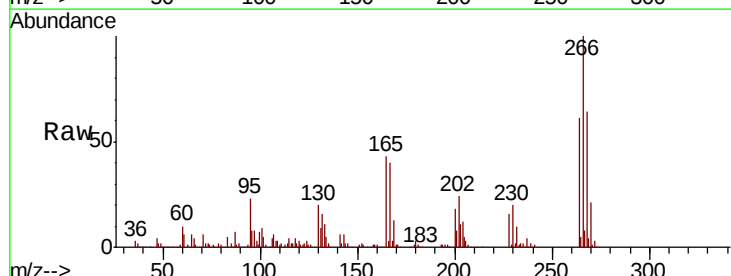
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.073 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.6	76.0
264	61.3	49.9	74.9

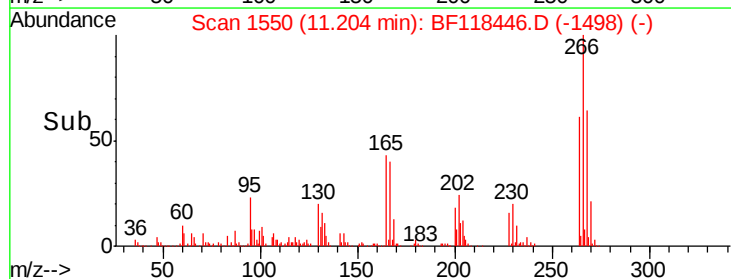
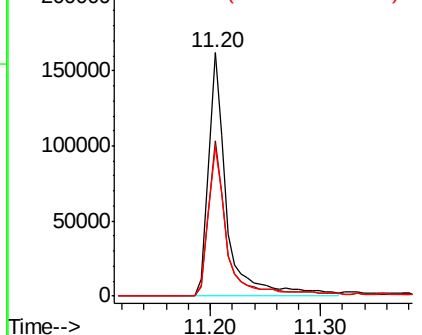


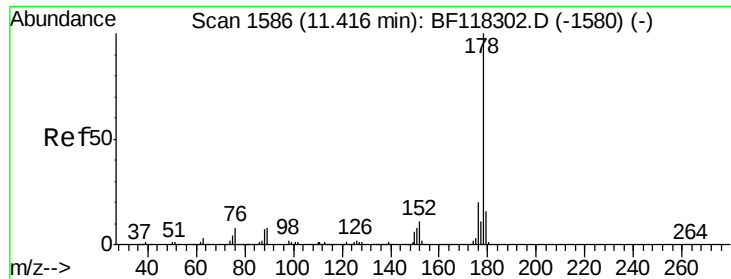
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





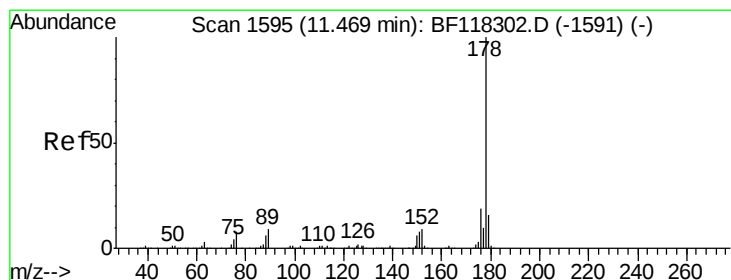
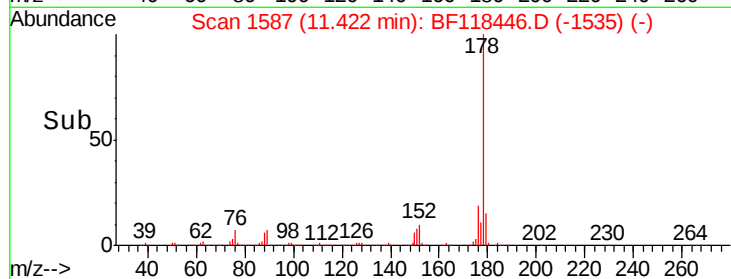
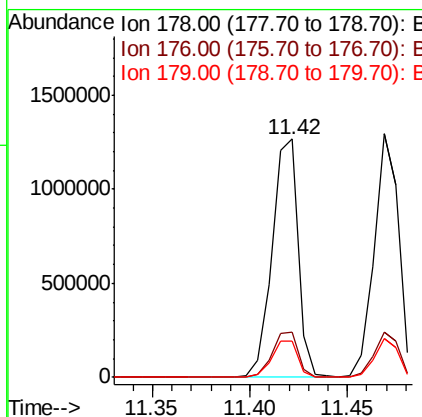
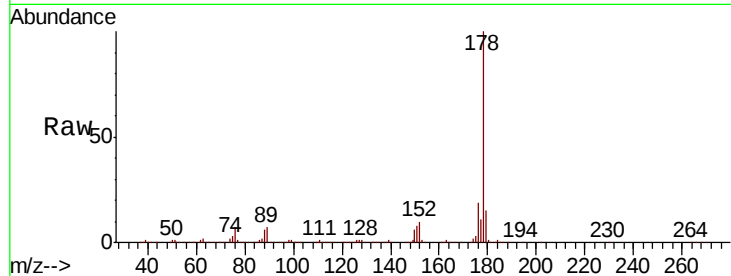
#71
Phenanthrene
Concen: 48.675 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion:178 Resp: 1170259
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.3 12.6 19.0

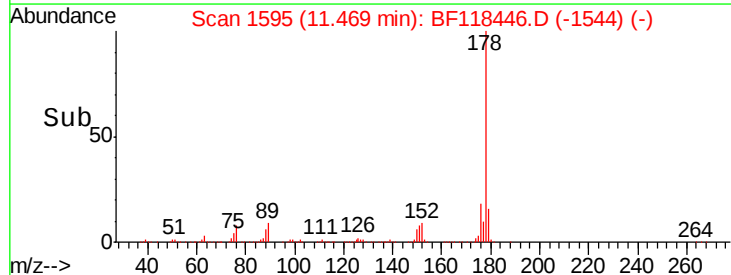
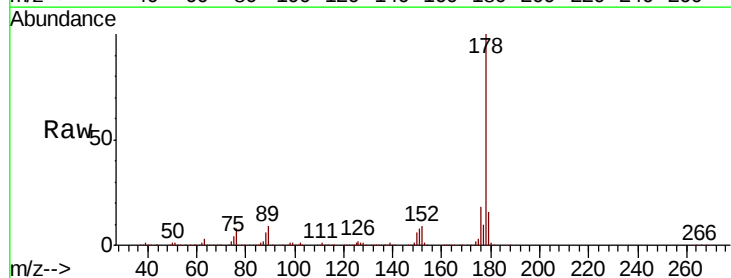
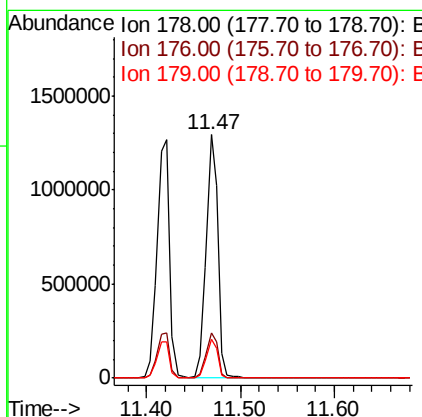
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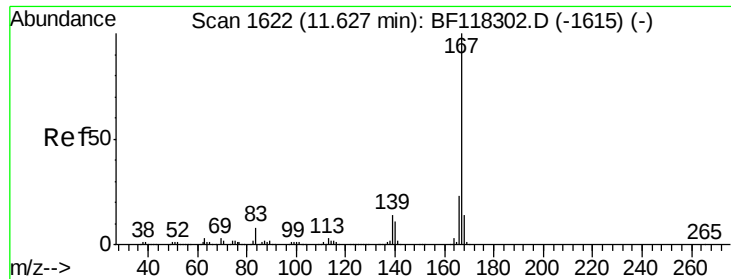
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#72
Anthracene
Concen: 47.097 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:178 Resp: 1133379
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.8 12.9 19.3





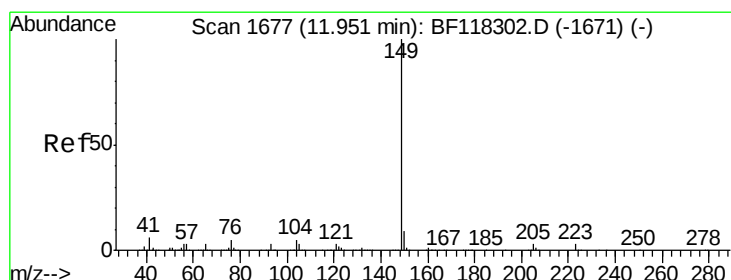
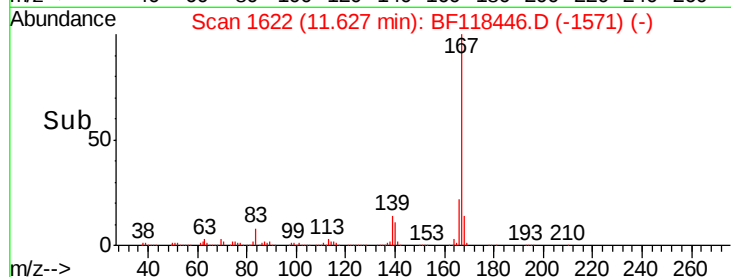
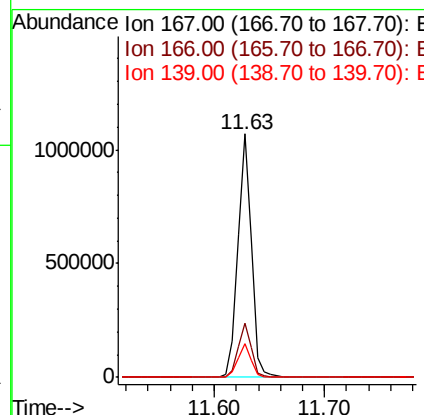
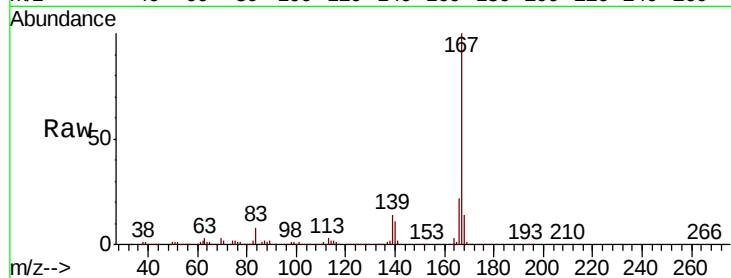
#73
 Carbazole
 Concen: 43.302 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.9	11.5	17.3

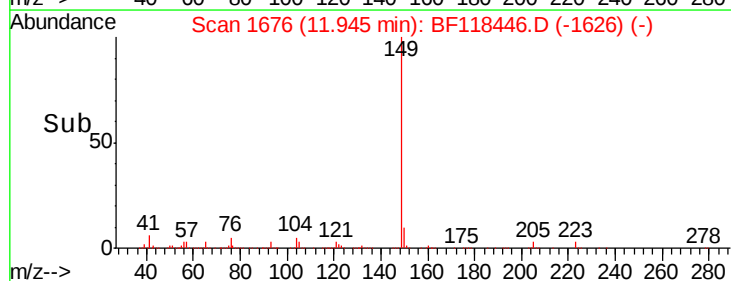
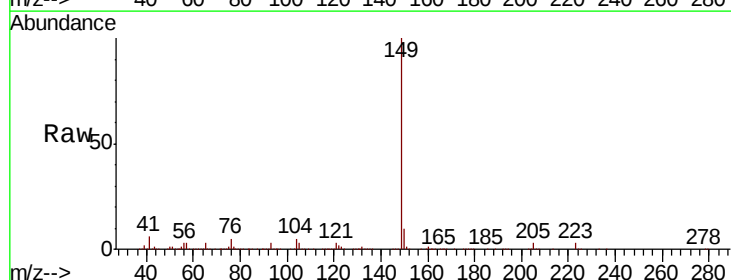
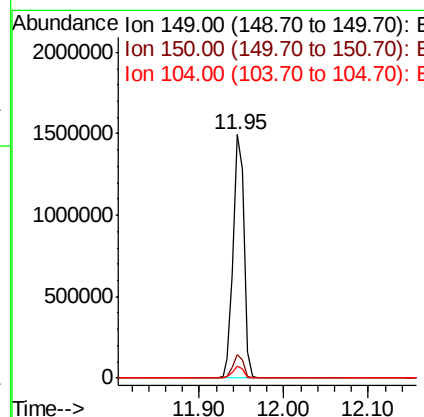
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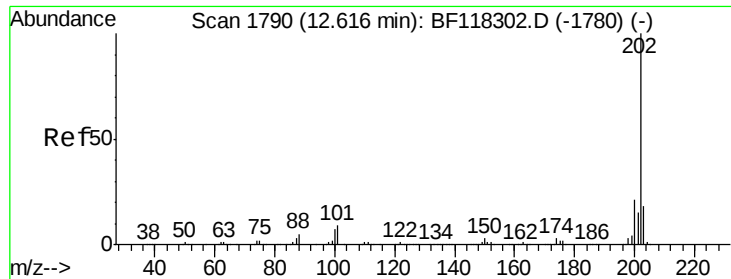
mohammad
 1/3/2020 11:04:31 AM



#74
 Di-n-butylphthalate
 Concen: 48.565 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 45.761 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tot Ion:202 Resp: 1110358

Ion Ratio Lower Upper

202 100

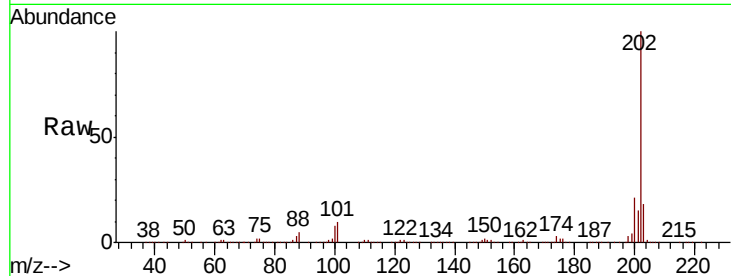
101 10.3 0.0 29.5

203 17.8 0.0 37.6

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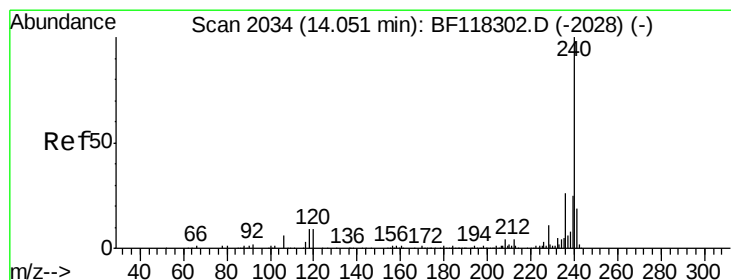
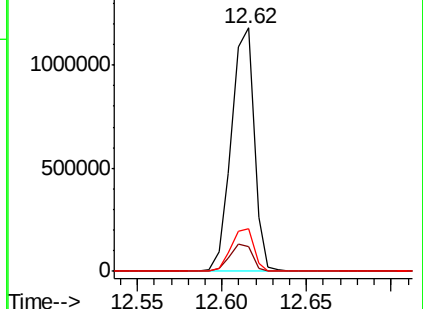
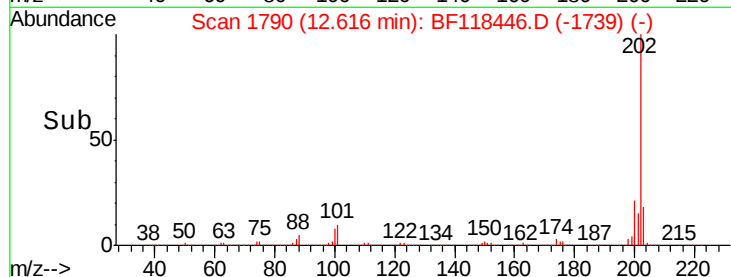
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

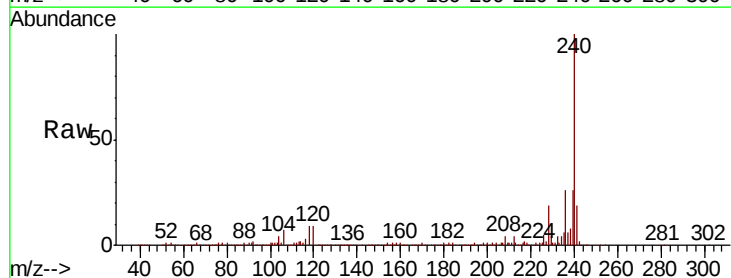
Tgt Ion:240 Resp: 265249

Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

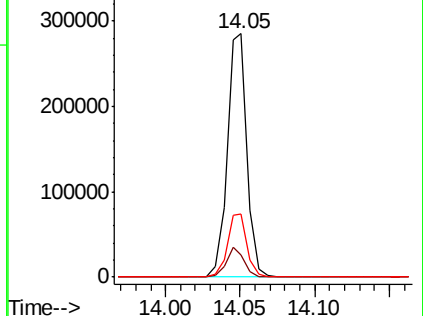
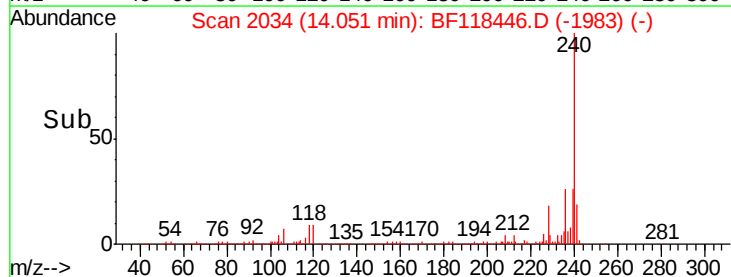
236 26.0 21.0 31.6

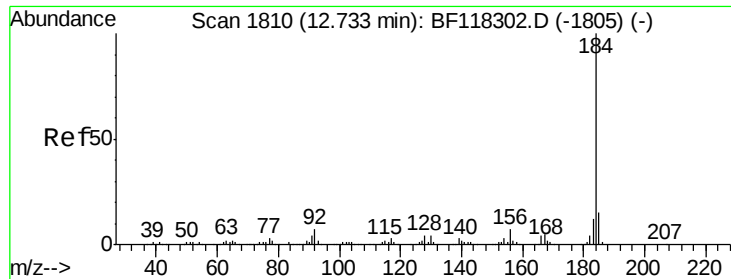


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





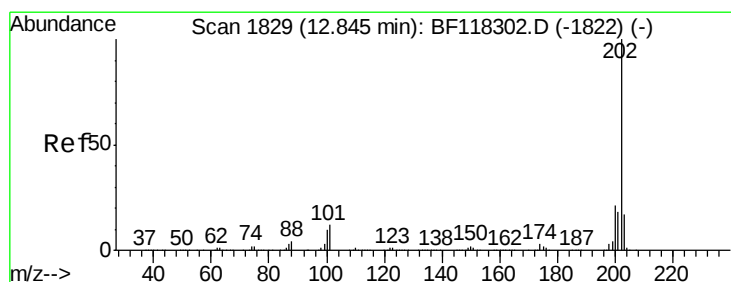
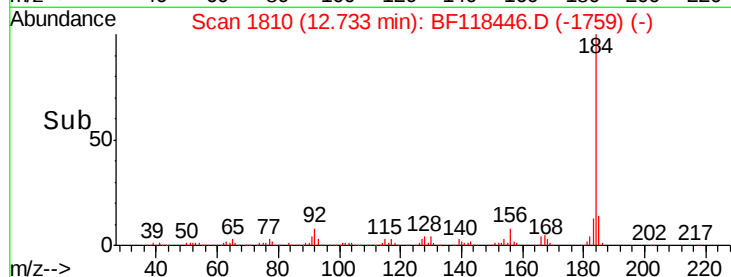
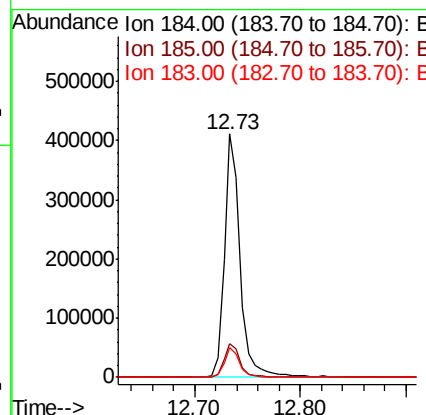
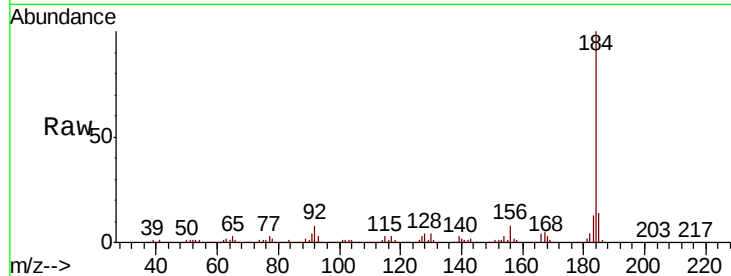
#77
Benzidine
Concen: 59.233 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.3	18.5
183	12.5	9.4	14.2

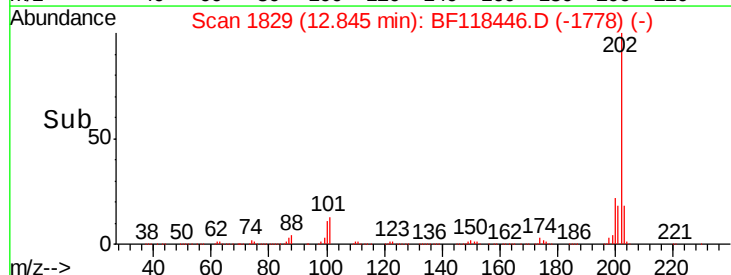
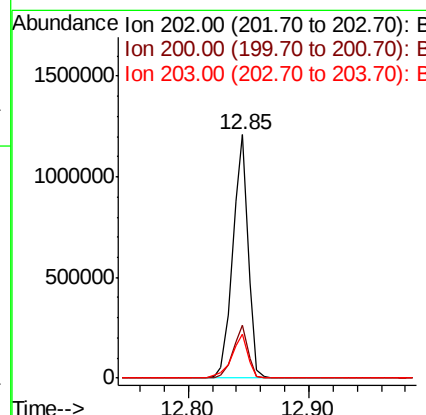
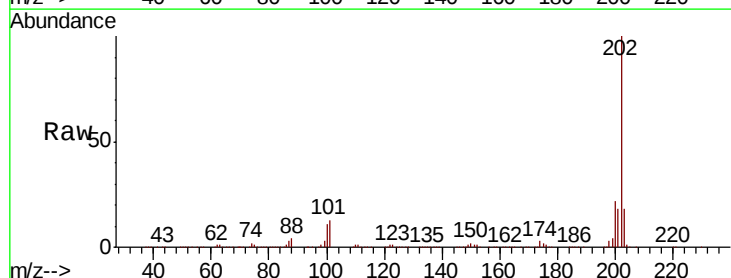
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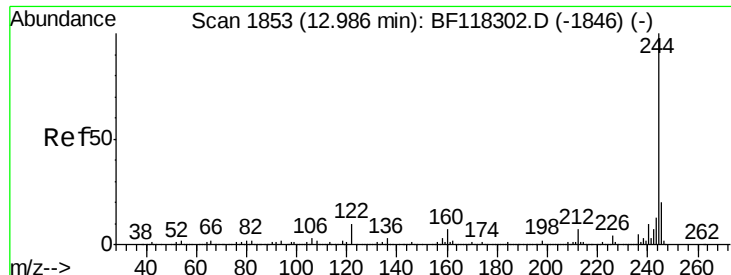
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#78
Pyrene
Concen: 48.854 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.8	25.2
203	17.9	13.9	20.9





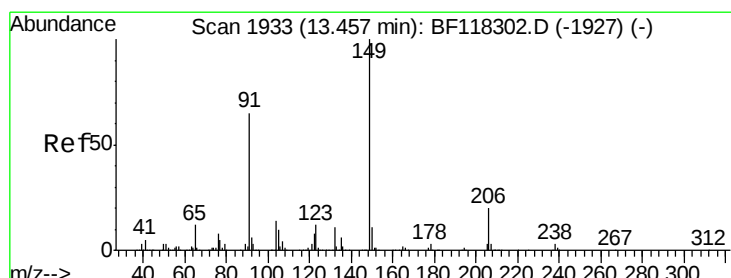
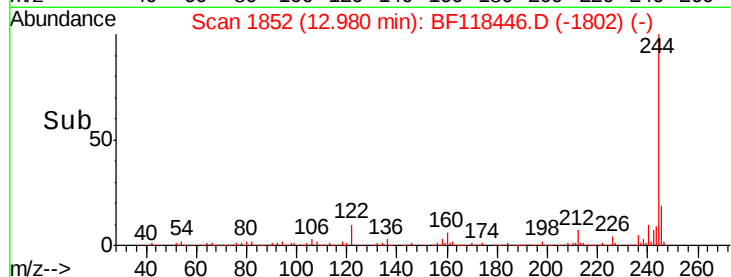
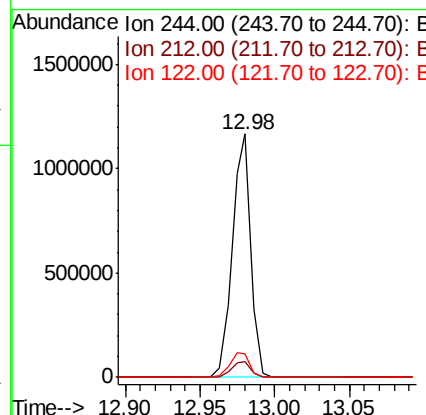
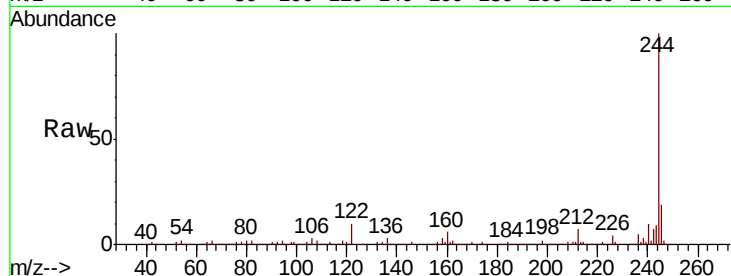
#79
 Terphenyl-d14
 Concen: 64.099 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

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

Tot Ion:244 Resp: 1024835
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.8 7.8 11.8

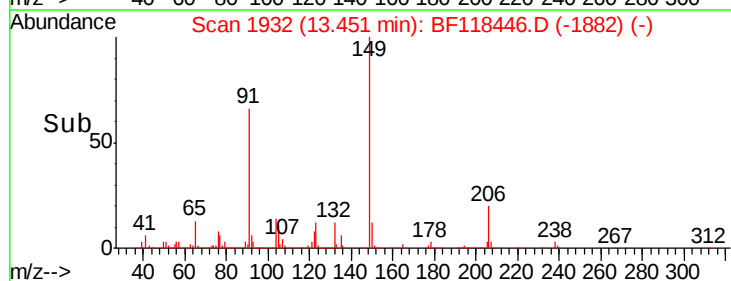
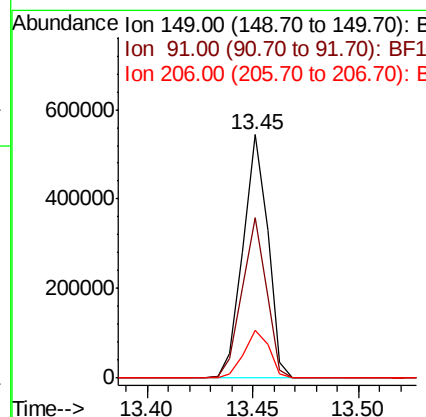
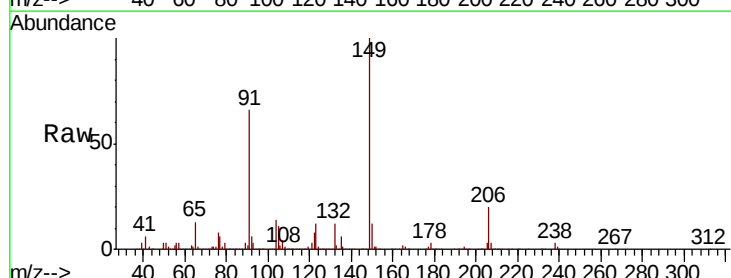
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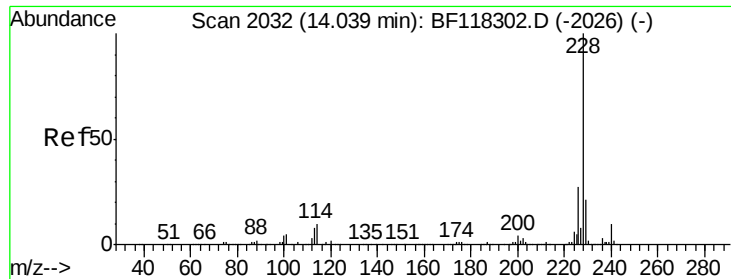
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.355 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:149 Resp: 442339
 Ion Ratio Lower Upper
 149 100
 91 66.1 51.8 77.6
 206 19.6 15.7 23.5





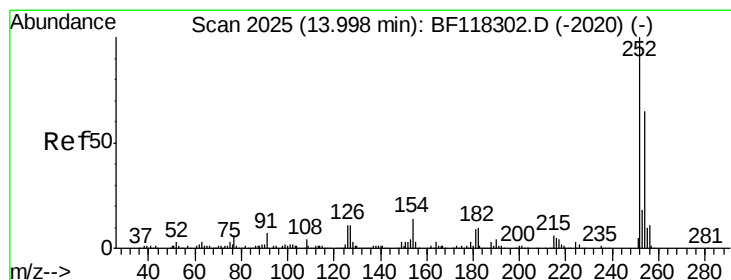
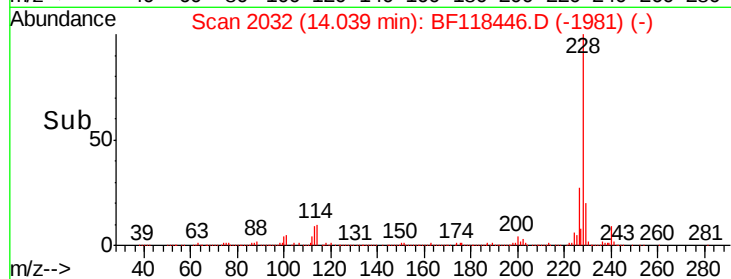
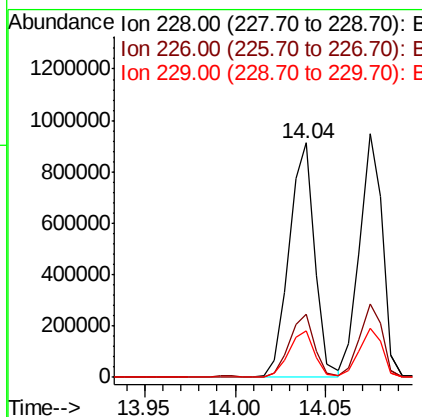
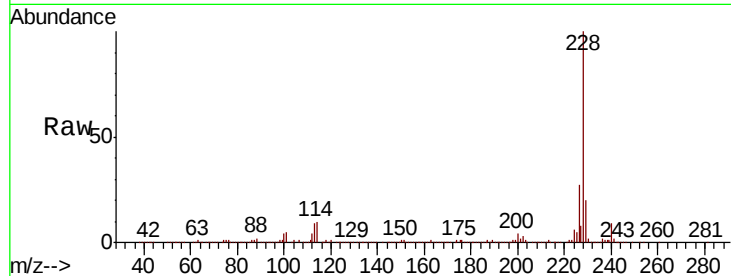
#81
Benzo(a)anthracene
Concen: 48.790 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.0	33.0
229	19.6	16.6	24.8

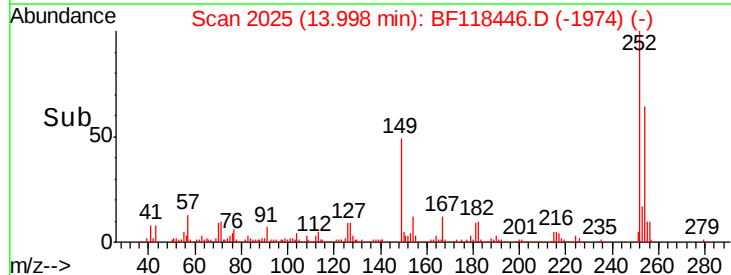
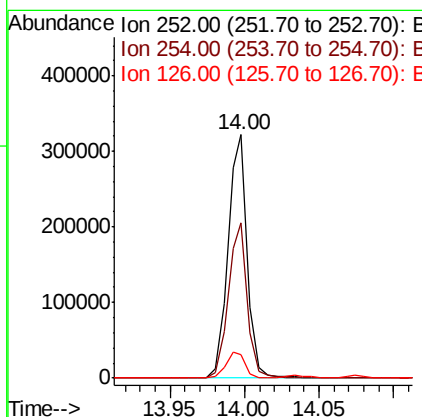
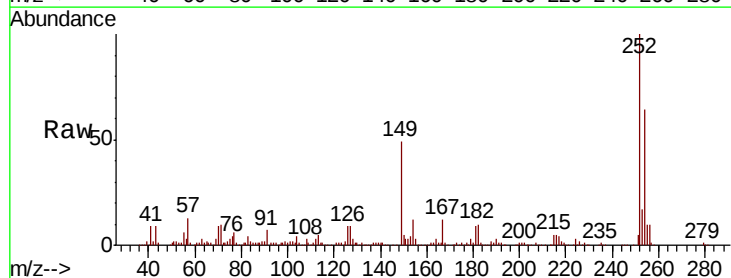
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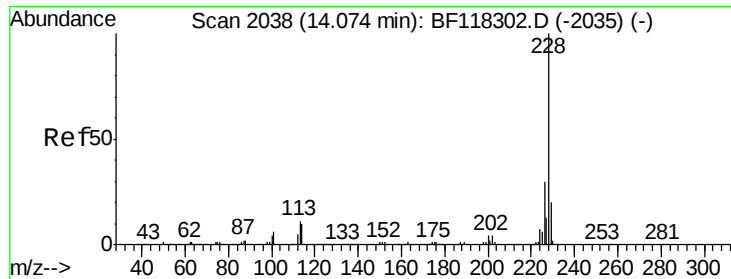
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 46.695 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.8	77.8
126	9.4	8.7	13.1





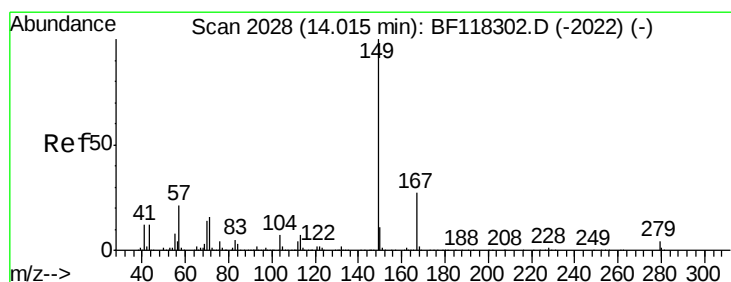
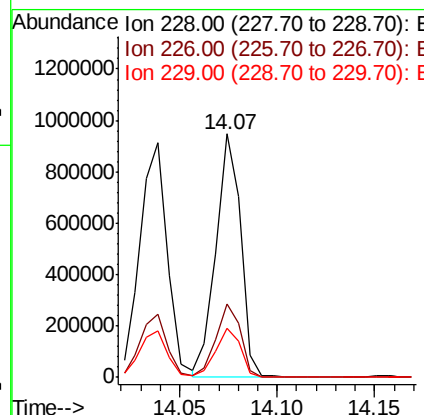
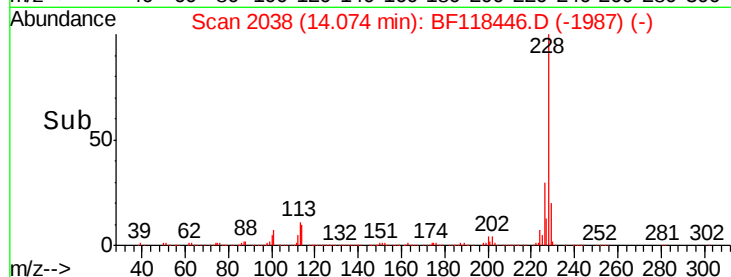
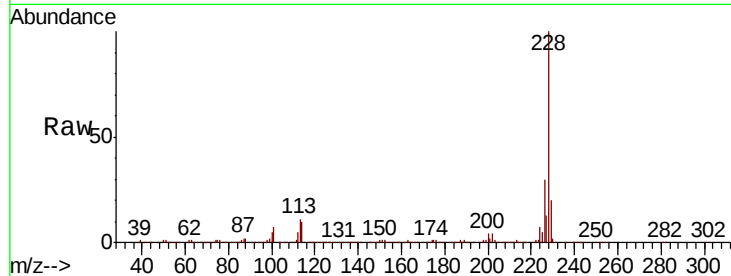
#83
Chrysene
Concen: 46.836 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.1	16.1	24.1

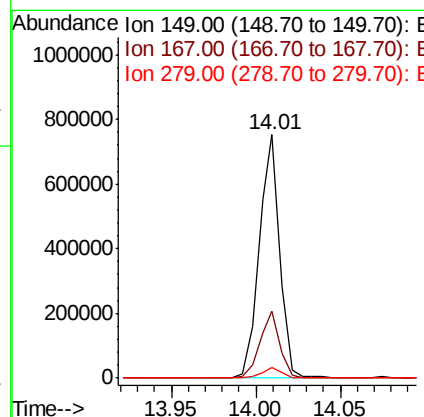
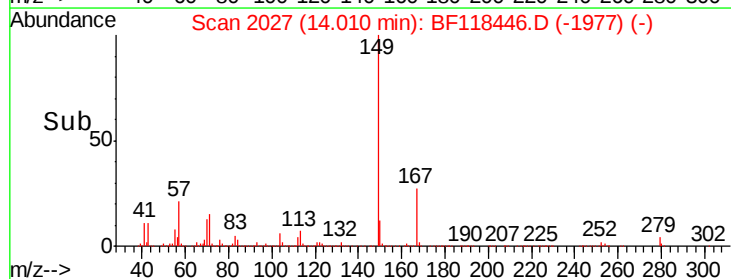
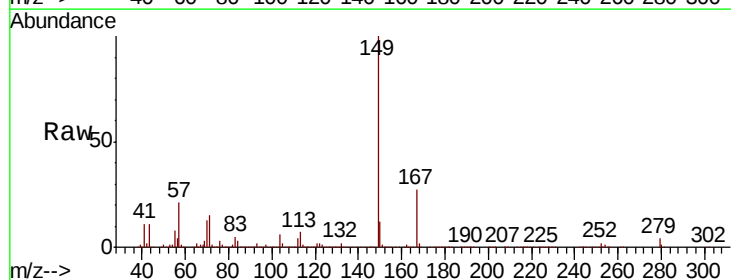
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.612 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	4.4	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 54.720 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

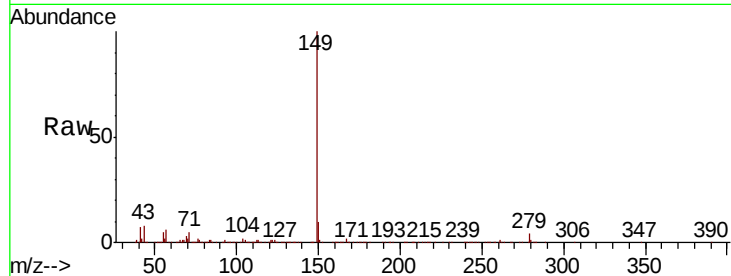
ClientSampleId :

GP-9-(8-10)MS

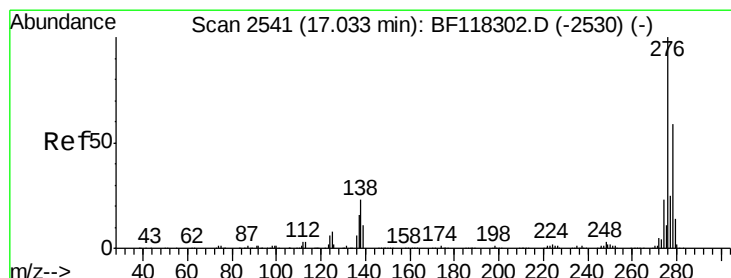
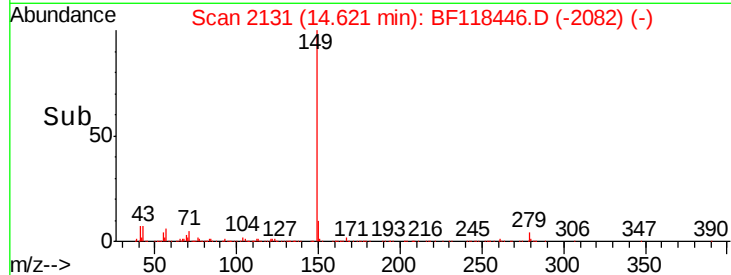
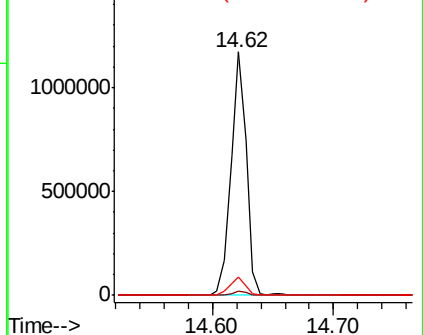
Tot Ion:	149	Resp:	1032241
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.3	6.1	9.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.044 ng

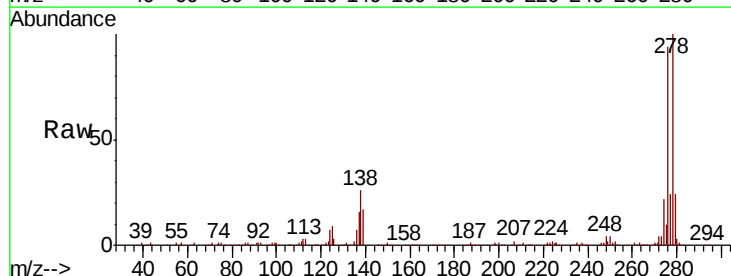
RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

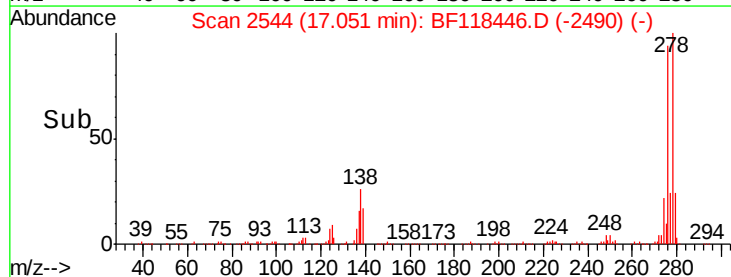
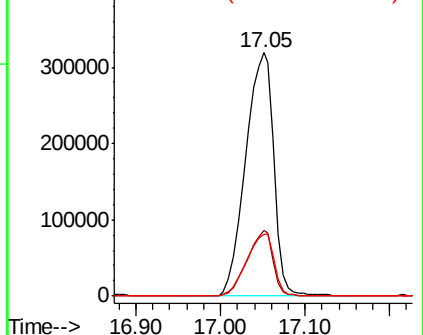
Lab File: BF118446.D

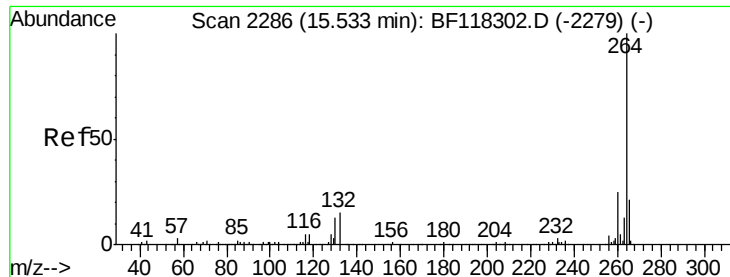
Acq: 2 Jan 2020 20:15

Tgt Ion:	276	Resp:	742913
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.5	29.3
277	25.3	20.6	30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

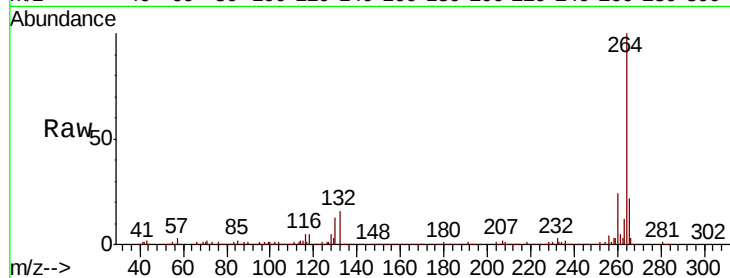
ClientSampleId :

GP-9-(8-10)MS

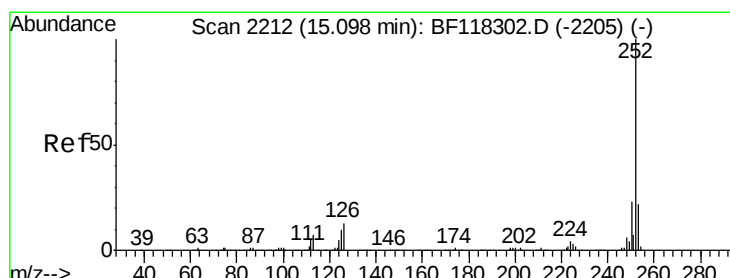
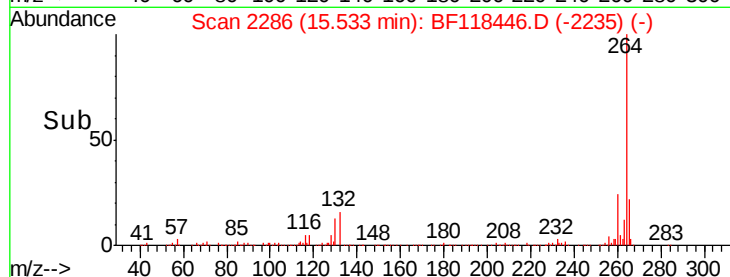
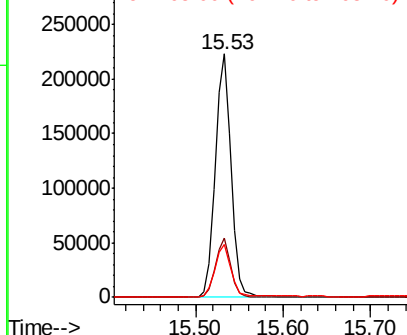
Tot Ion:	264	Resp:	280452
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.9	17.0	25.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.738 ng

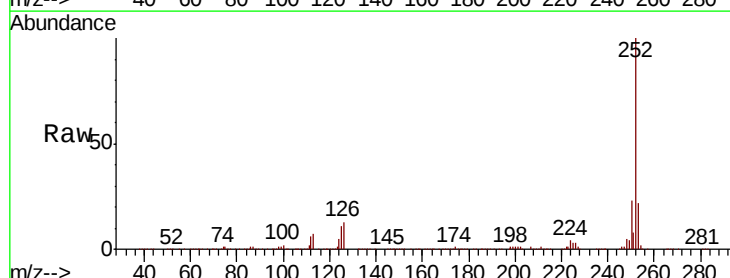
RT: 15.10 min Scan# 2212

Delta R.T. 0.00 min

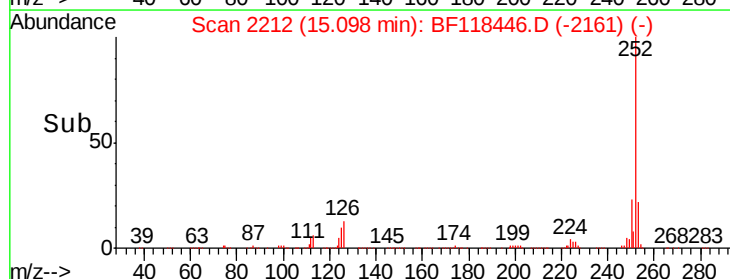
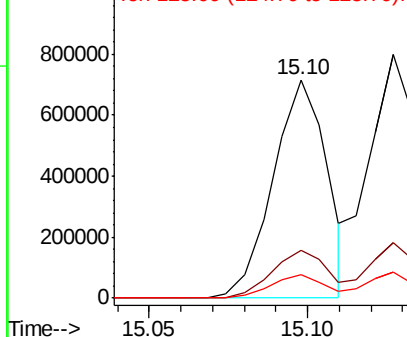
Lab File: BF118446.D

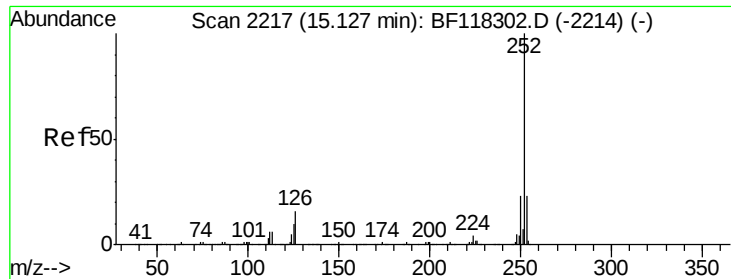
Acq: 2 Jan 2020 20:15

Tgt Ion:	252	Resp:	851483
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.5	7.7	11.5



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





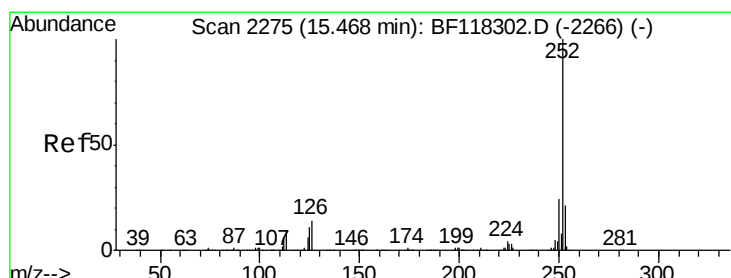
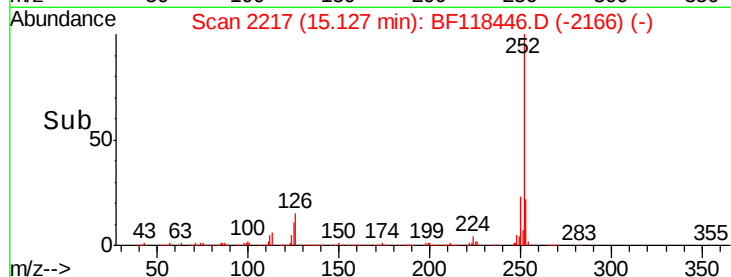
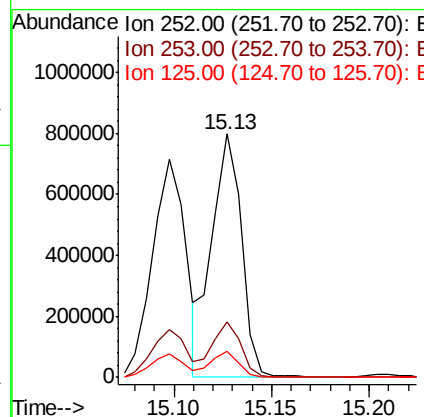
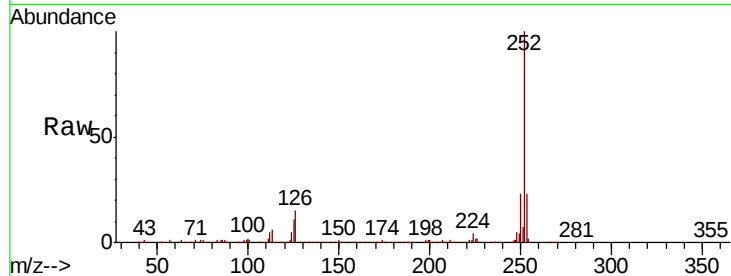
#89
Benzo(k)fluoranthene
Concen: 47.078 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.9	8.0	12.0

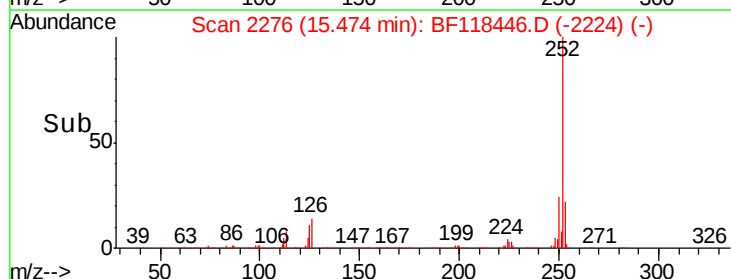
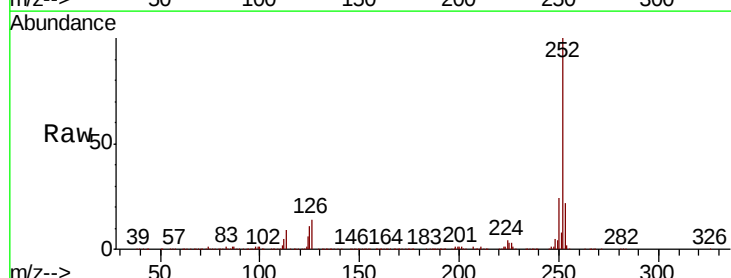
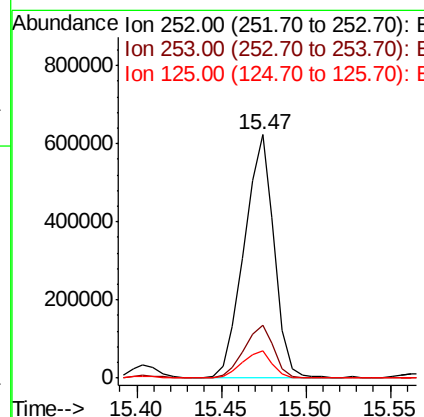
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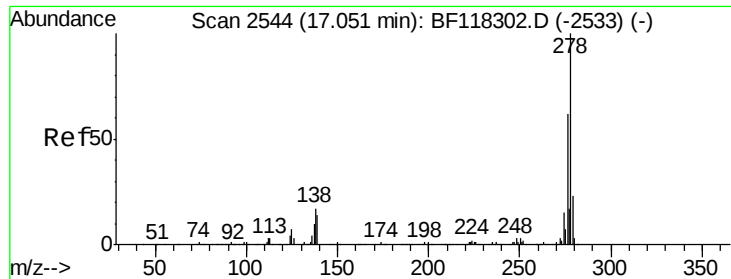
mohammad
1/3/2020 11:04:31 AM



#90
Benzo(a)pyrene
Concen: 46.564 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.1	9.0	13.4





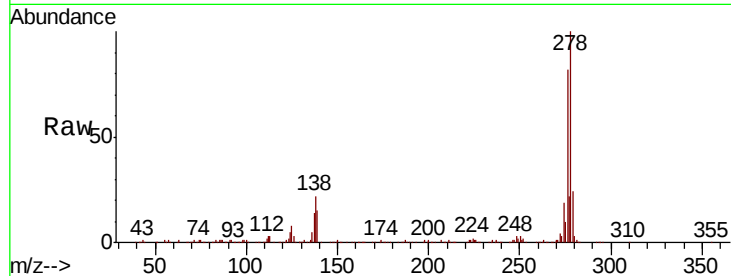
#91
Dibenzo(a,h)anthracene
Concen: 43.622 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	23.8	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:31 AM

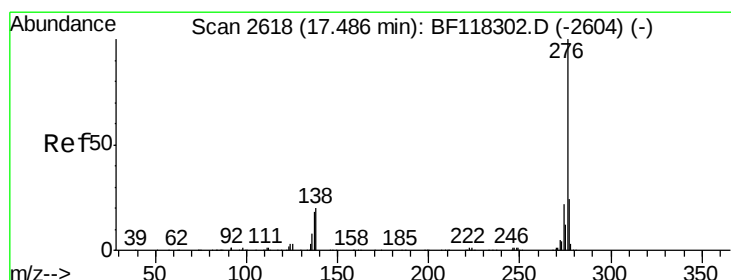
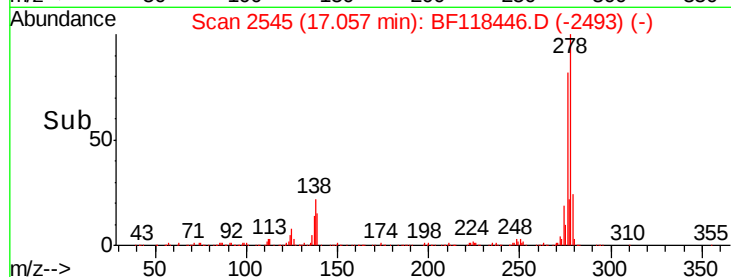
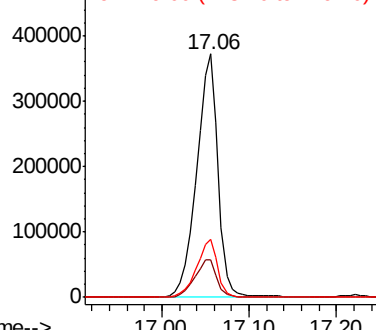


Abundance

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: 42.121 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	20.5	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

