

Data File : BF118447.D
Acq On : 2 Jan 2020 20:43
Operator : JU
Sample : K6465-06MSDRE
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 03 02:12:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

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

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

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	83752	28.783	ng	97
3) Pyridine	3.40	79	210431	27.144	ng	97
4) n-Nitrosodimethylamine	3.36	42	117793	36.750	ng	# 85
6) Aniline	6.51	93	376364	32.642	ng	# 63
8) 2-Chlorophenol	6.64	128	402665	48.573	ng	99
9) Benzaldehyde	6.40	77	214115	40.220	ng	98
10) Phenol	6.50	94	480448	47.077	ng	87
11) bis(2-Chloroethyl)ether	6.58	93	338345	46.356	ng	99
12) 1,3-Dichlorobenzene	6.79	146	421310	44.128	ng	98
13) 1,4-Dichlorobenzene	6.86	146	432422	44.591	ng	98
14) 1,2-Dichlorobenzene	7.02	146	411807	44.979	ng	98
15) Benzyl Alcohol	7.00	79	319443	46.205	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	340591	43.731	ng	71
17) 2-Methylphenol	7.11	107	315330	47.425	ng	96
18) Hexachloroethane	7.36	117	148315	41.672	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	249627	44.627	ng	96
20) 3+4-Methylphenols	7.27	107	404262	47.506	ng	# 76
22) Acetophenone	7.26	105	530576	43.352	ng	97
24) Nitrobenzene	7.43	77	385077	44.029	ng	98
25) Isophorone	7.67	82	693183	45.556	ng	99
26) 2-Nitrophenol	7.75	139	218681	47.206	ng	99
27) 2,4-Dimethylphenol	7.79	122	338970	53.630	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	429340	43.144	ng	99
29) 2,4-Dichlorophenol	8.00	162	334944	46.041	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	362689	42.798	ng	99
31) Naphthalene	8.16	128	1172523	46.197	ng	100
32) Benzoic acid	7.95	122	188355	36.793	ng	95
33) 4-Chloroaniline	8.21	127	174294	16.019	ng	95
34) Hexachlorobutadiene	8.27	225	208993	41.430	ng	99
35) Caprolactam	8.59	113	70431	31.010	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	355042	45.456	ng	98
37) 2-Methylnaphthalene	8.85	142	802696	46.192	ng	100
38) 1-Methylnaphthalene	8.95	142	752694	45.975	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	349945	44.235	ng	100

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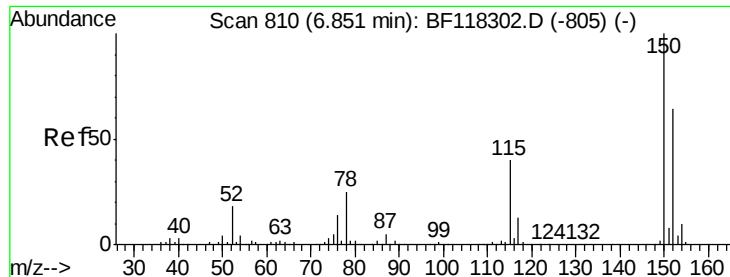
Quant Time: Jan 03 02:12:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	78279	29.882	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	236854	44.815	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	244364	44.946	ng	99
46) 1,1'-Biphenyl	9.32	154	947188	45.482	ng	98
47) 2-Chloronaphthalene	9.35	162	733629	43.769	ng	98
48) 2-Nitroaniline	9.45	65	199365	42.111	ng	98
49) Acenaphthylene	9.76	152	1134744	45.648	ng	99
50) Dimethylphthalate	9.62	163	947632	47.946	ng	99
51) 2,6-Dinitrotoluene	9.69	165	193283	45.360	ng	97
52) Acenaphthene	9.93	154	679184	44.855	ng	98
53) 3-Nitroaniline	9.86	138	126560	25.306	ng	98
54) 2,4-Dinitrophenol	9.98	184	48731	26.396	ng	95
55) Dibenzofuran	10.10	168	1027368	45.920	ng	96
56) 4-Nitrophenol	10.04	139	245180	79.412	ng	94
57) 2,4-Dinitrotoluene	10.10	165	246217	43.244	ng	# 82
58) Fluorene	10.45	166	793729	43.947	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	189131	40.941	ng	99
60) Diethylphthalate	10.32	149	880163	45.014	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	395756	43.895	ng	98
62) 4-Nitroaniline	10.48	138	176109	33.896	ng	98
63) Azobenzene	10.60	77	737241	44.019	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	50039	20.693	ng	96
66) n-Nitrosodiphenylamine	10.56	169	706053	49.147	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	242629	46.252	ng	95
68) Hexachlorobenzene	11.00	284	269908	43.712	ng	97
69) Atrazine	11.09	200	231612	52.237	ng	99
70) Pentachlorophenol	11.20	266	187682	70.184	ng	99
71) Phenanthrene	11.42	178	1165645	47.702	ng	100
72) Anthracene	11.47	178	1133512	46.343	ng	99
73) Carbazole	11.63	167	938563	43.245	ng	99
74) Di-n-butylphthalate	11.94	149	1309694	47.592	ng	100
75) Fluoranthene	12.61	202	1096649	44.468	ng	97
77) Benzidine	12.73	184	473440	66.470	ng	98
78) Pyrene	12.84	202	1046605	49.305	ng	100
80) Butylbenzylphthalate	13.45	149	443039	46.354	ng	97
81) Benzo(a)anthracene	14.03	228	870478	47.841	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	294361	47.715	ng	99
83) Chrysene	14.07	228	815827	46.827	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	635987	50.605	ng	100
85) Di-n-octyl phthalate	14.62	149	1002446	54.225	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	717879	48.359	ng	99
88) Benzo(b)fluoranthene	15.09	252	874501	46.987	ng	98
89) Benzo(k)fluoranthene	15.13	252	778103	43.541	ng	98
90) Benzo(a)pyrene	15.47	252	747007	45.562	ng	98
91) Dibenzo(a,h)anthracene	17.05	278	603829	42.440	ng	98
92) Benzo(g,h,i)perylene	17.50	276	559993	40.745	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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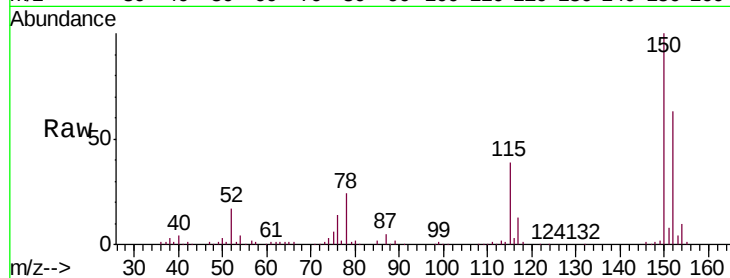
Tgt Ion:152 Resp: 124944

Ion Ratio Lower Upper

152 100

150 158.3 125.4 188.2

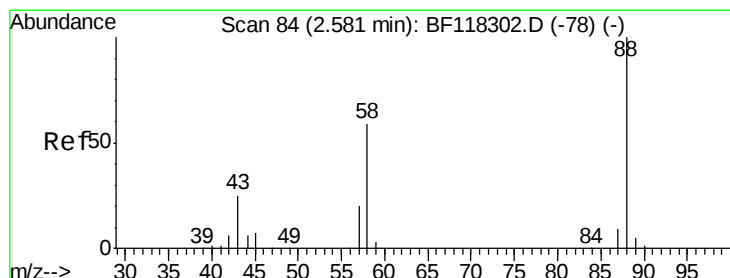
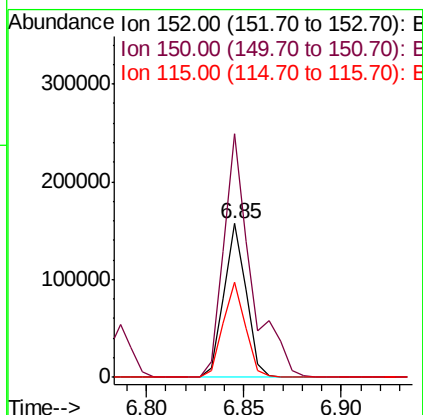
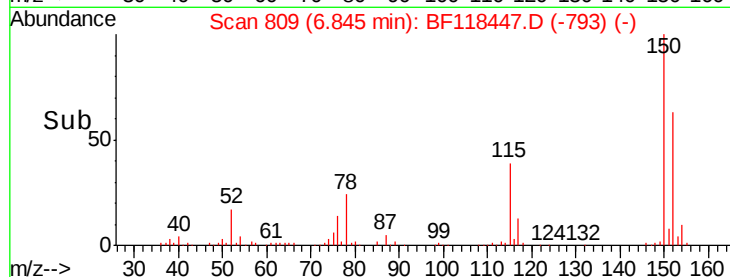
115 61.5 50.2 75.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.783 ng

RT: 2.64 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

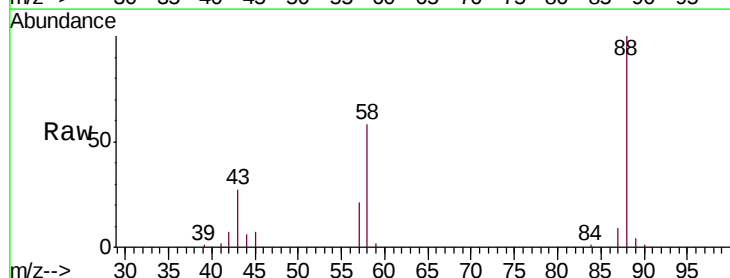
Tgt Ion: 88 Resp: 83752

Ion Ratio Lower Upper

88 100

58 60.0 47.6 71.4

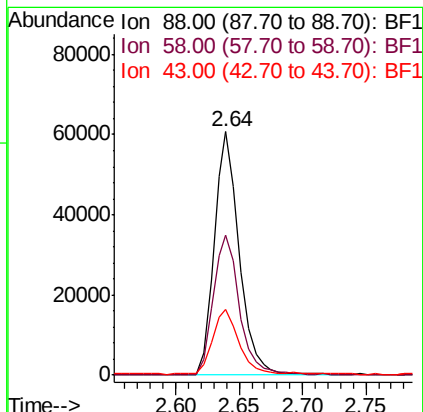
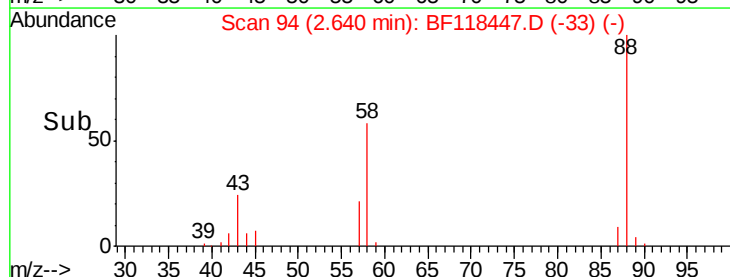
43 29.4 20.6 30.8

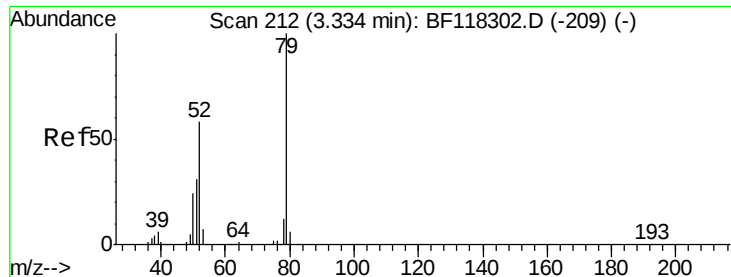


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 27.144 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF118447.D

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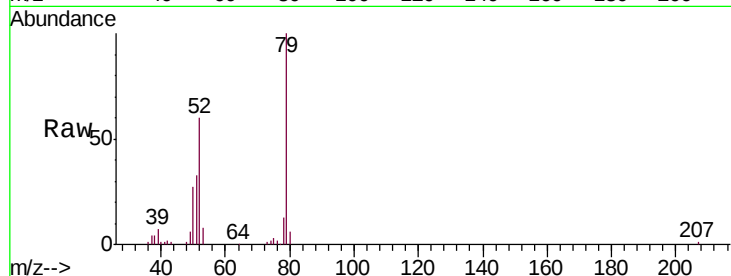
Tgt Ion: 79 Resp: 210431

Ion Ratio Lower Upper

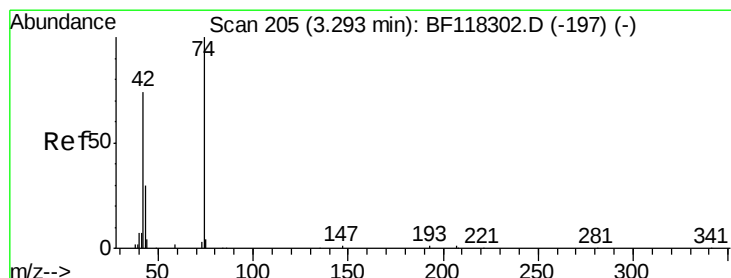
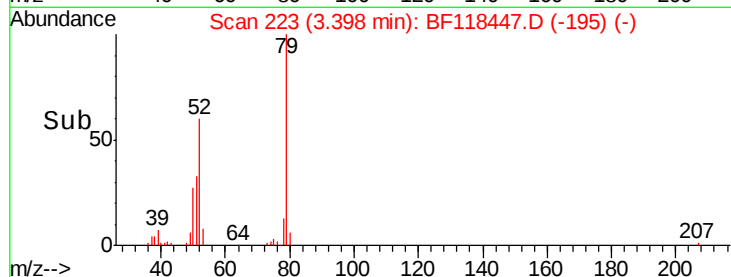
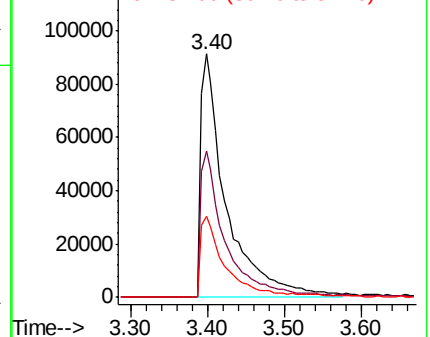
79 100

52 60.3 46.4 69.6

51 33.4 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.750 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.06 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

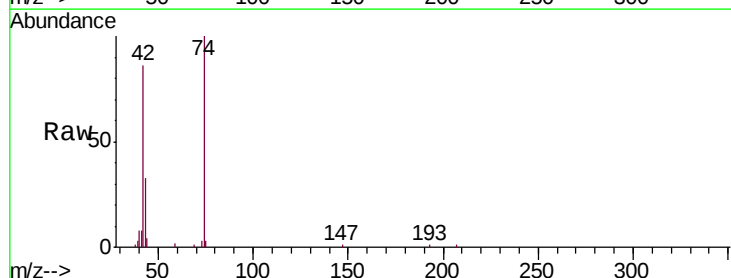
Tgt Ion: 42 Resp: 117793

Ion Ratio Lower Upper

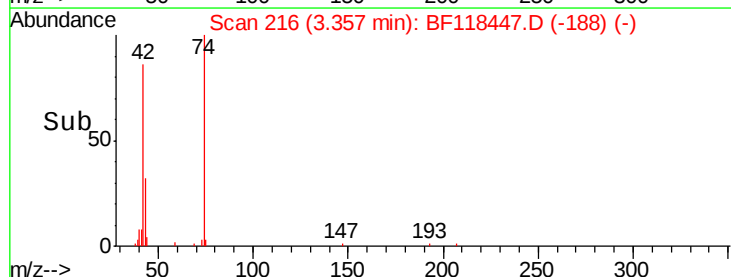
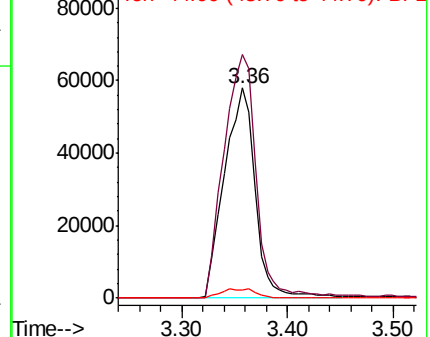
42 100

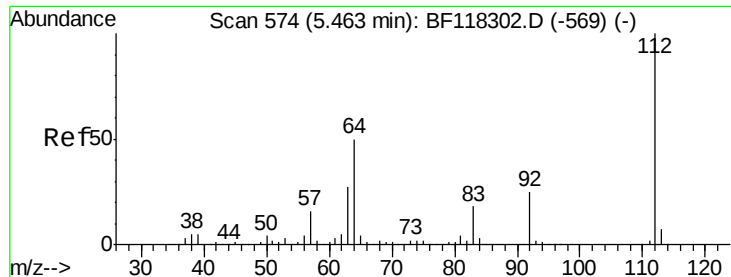
74 115.8 107.7 161.5

44 4.1 4.8 7.2#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 89.743 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118447.D

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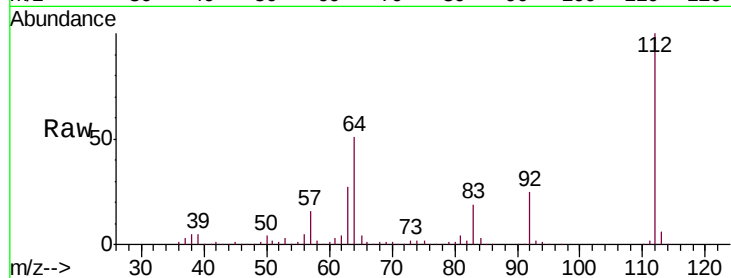
Tgt Ion: 112 Resp: 656880

Ion Ratio Lower Upper

112 100

64 50.9 39.7 59.5

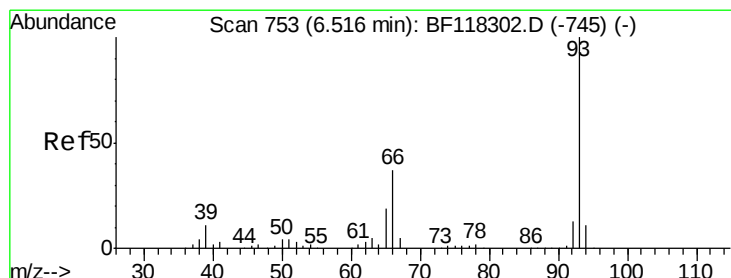
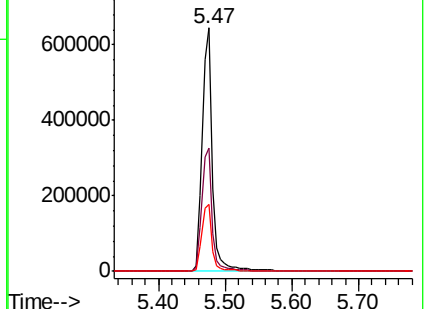
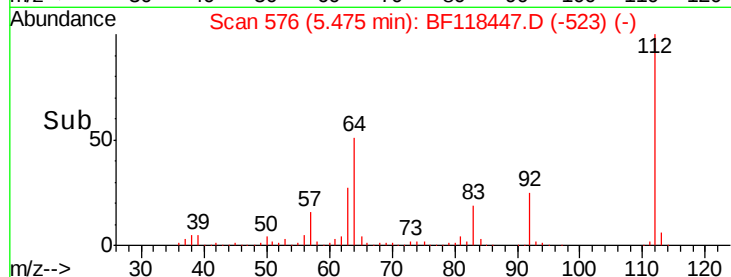
63 27.5 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.642 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

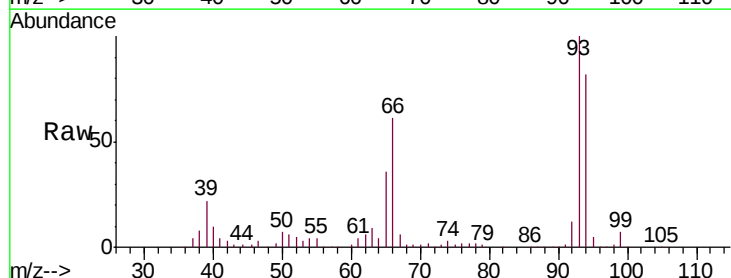
Tgt Ion: 93 Resp: 376364

Ion Ratio Lower Upper

93 100

66 60.6 30.2 45.4#

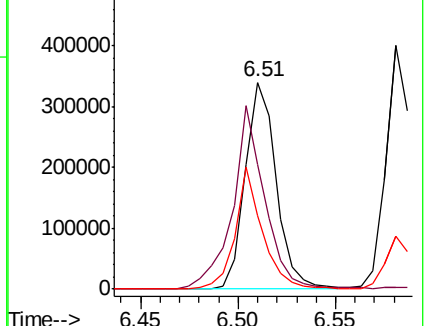
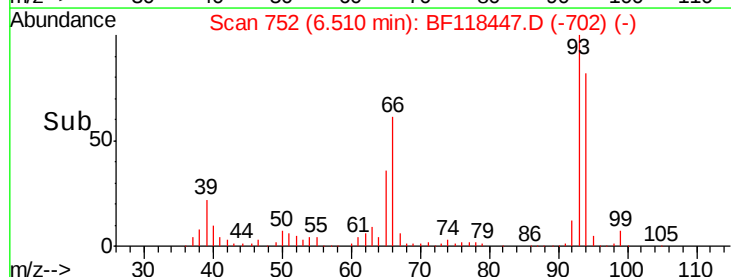
65 35.7 15.7 23.5#

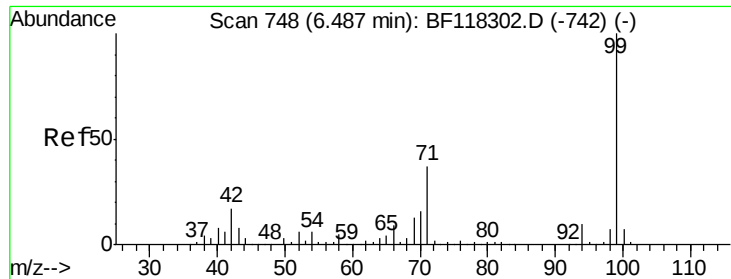


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.059 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

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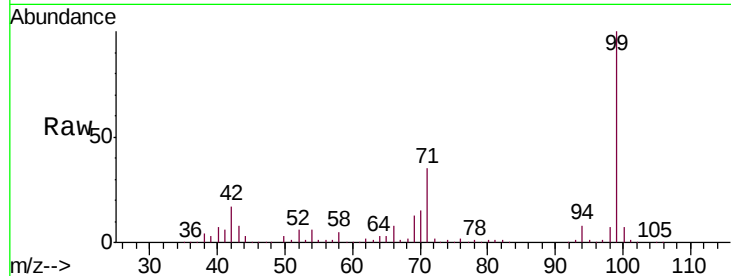
Tgt Ion: 99 Resp: 953948

Ion Ratio Lower Upper

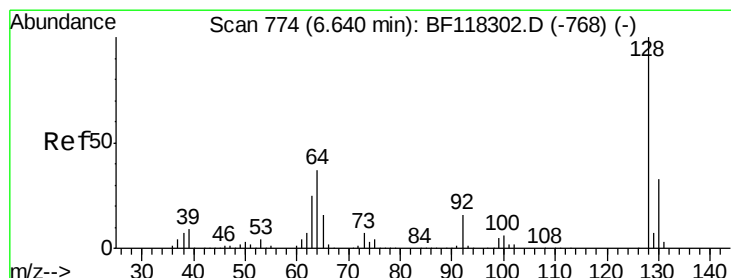
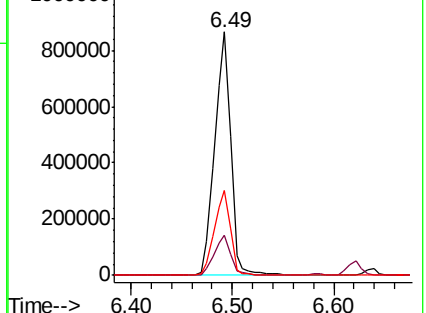
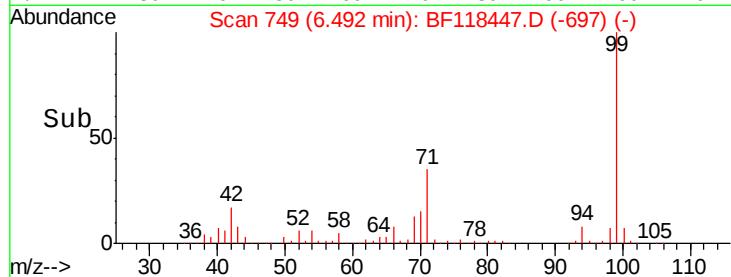
99 100

42 16.6 13.5 20.3

71 35.0 29.4 44.2



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



#8

2-Chlorophenol

Concen: 48.573 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

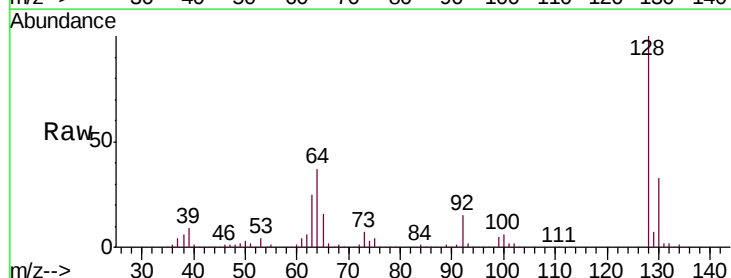
Tgt Ion:128 Resp: 402665

Ion Ratio Lower Upper

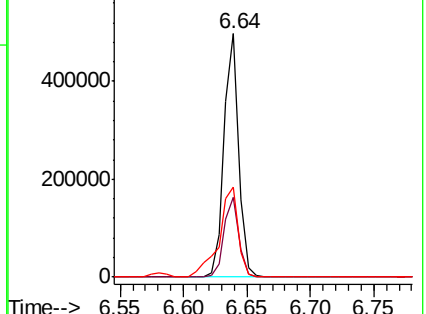
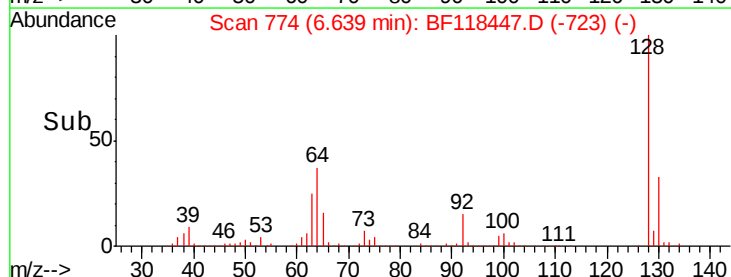
128 100

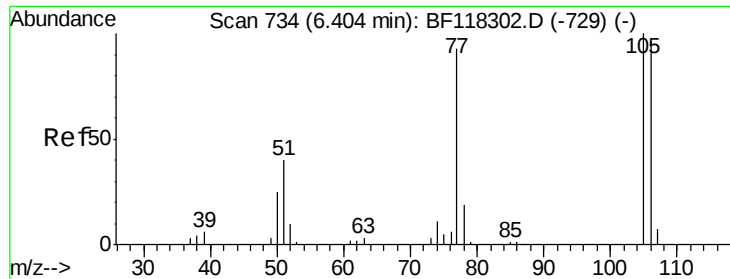
130 33.0 13.2 53.2

64 36.9 17.7 57.7



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





#9

Benzaldehyde

Concen: 40.220 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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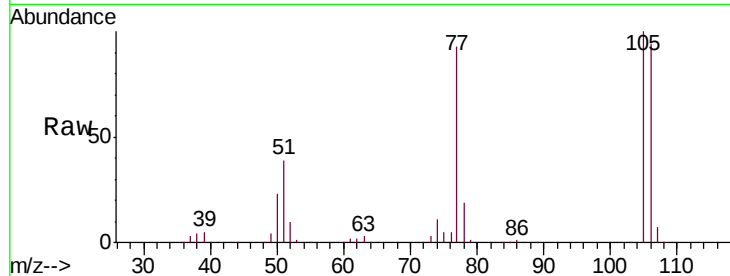
Tgt Ion: 77 Resp: 214115

Ion Ratio Lower Upper

77 100

105 107.3 87.5 127.5

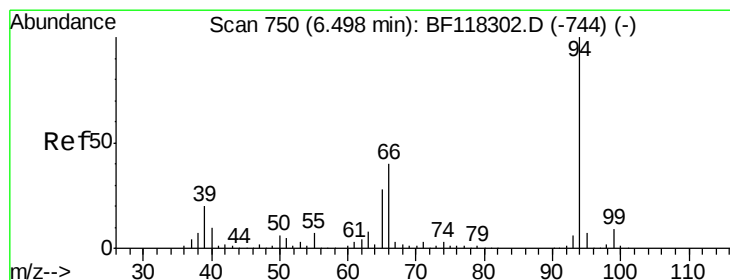
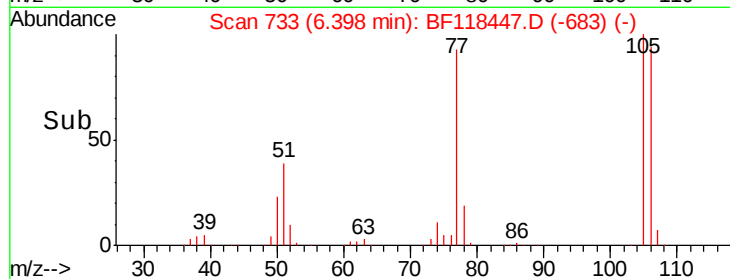
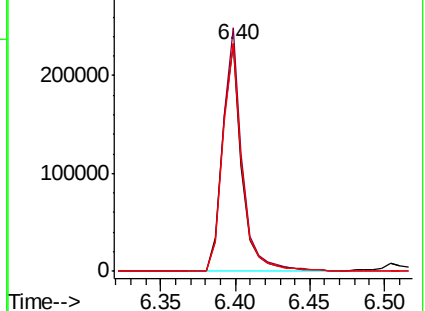
106 100.4 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.077 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

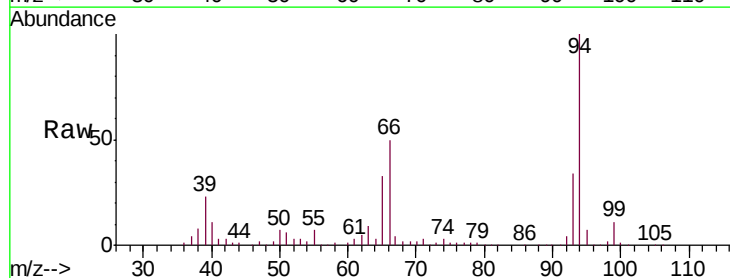
Tgt Ion: 94 Resp: 480448

Ion Ratio Lower Upper

94 100

65 33.0 7.8 47.8

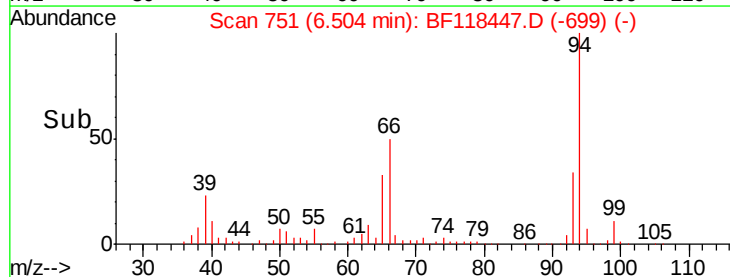
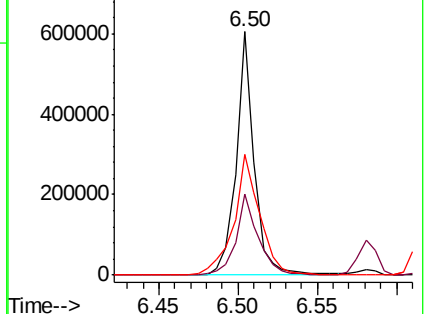
66 49.8 20.4 60.4

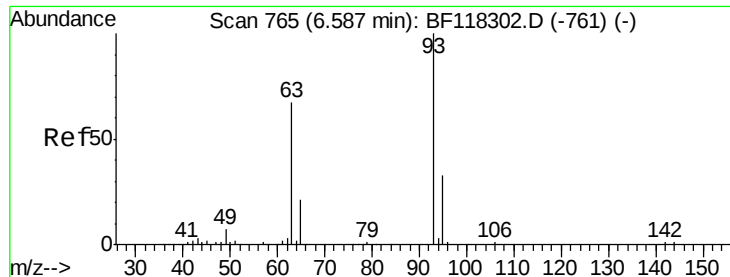


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

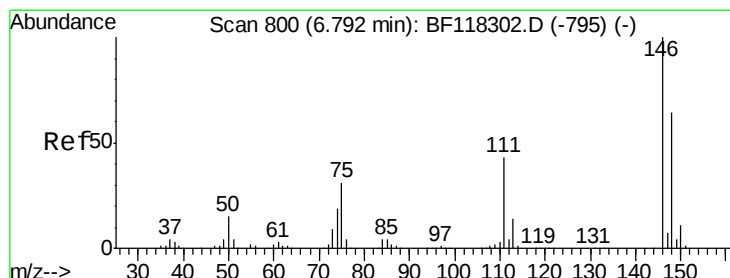
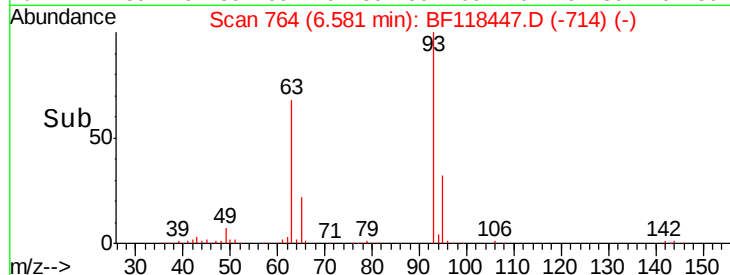
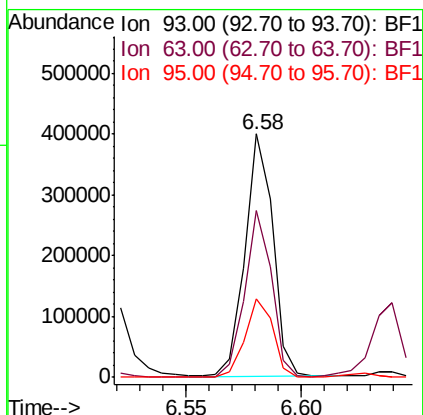
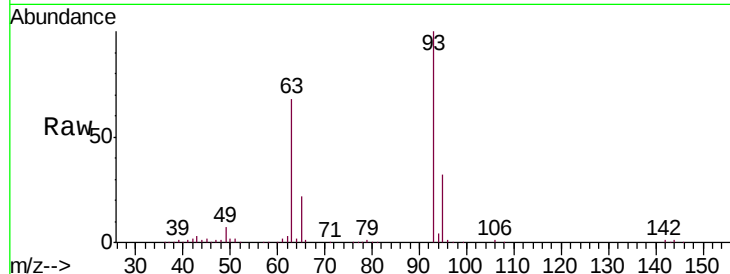




#11
 bis(2-Chloroethyl)ether
 Concen: 46.356 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

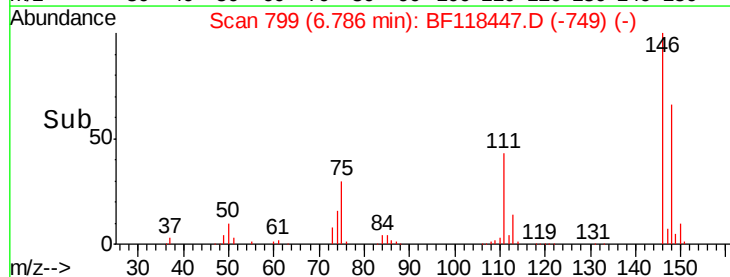
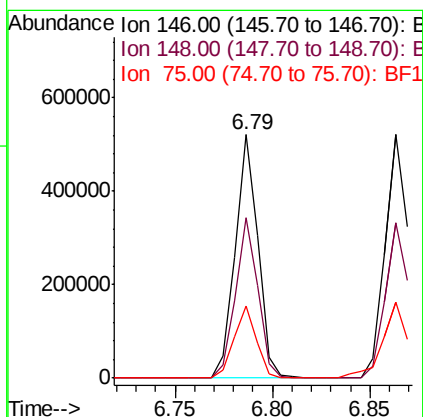
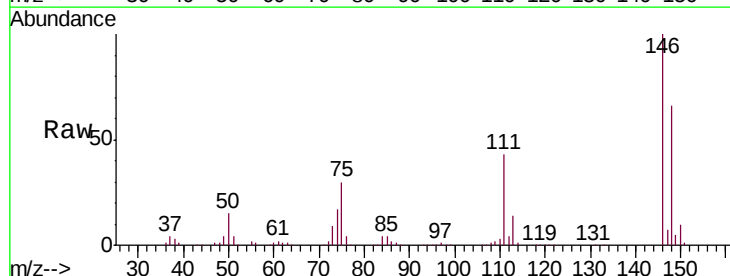
Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MSD

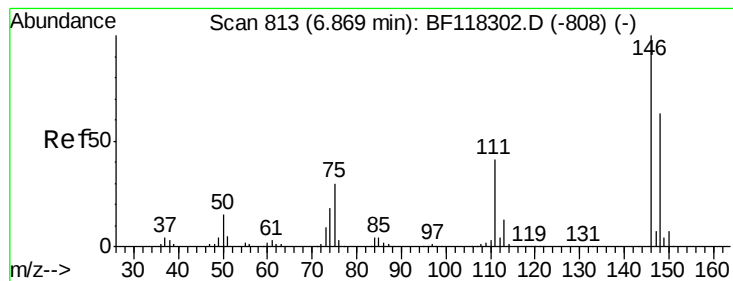
Tgt Ion:	93	Resp:	338345
Ion	Ratio	Lower	Upper
93	100		
63	68.3	47.0	87.0
95	32.4	12.8	52.8



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

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





#13

1,4-Dichlorobenzene

Concen: 44.591 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

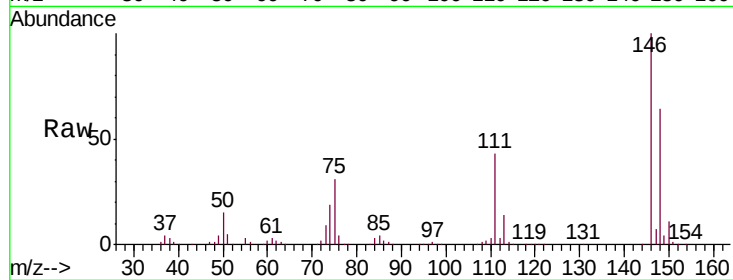
Tgt Ion:146 Resp: 432422

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

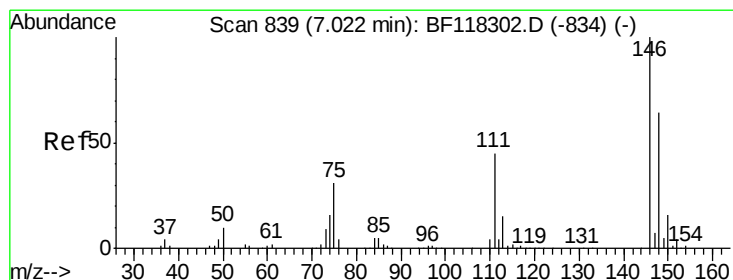
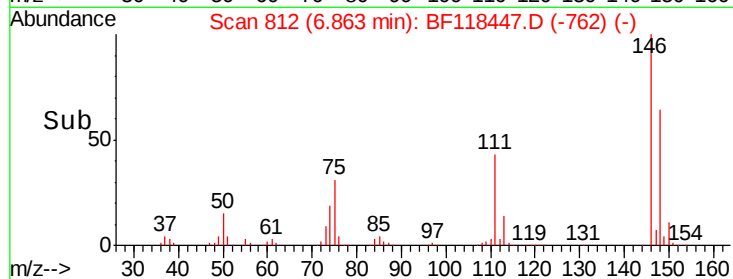
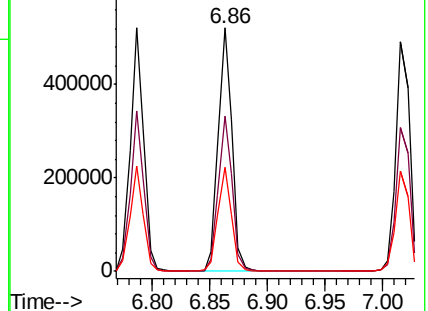
111 42.7 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.979 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

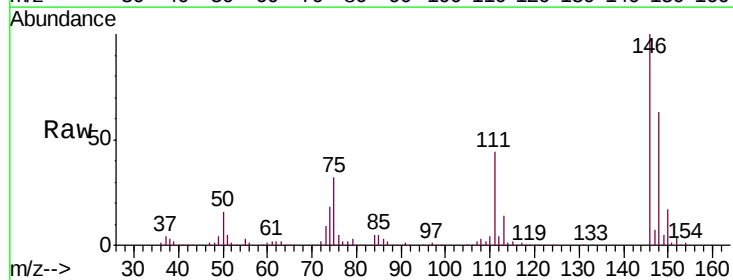
Tgt Ion:146 Resp: 411807

Ion Ratio Lower Upper

146 100

148 62.5 51.3 76.9

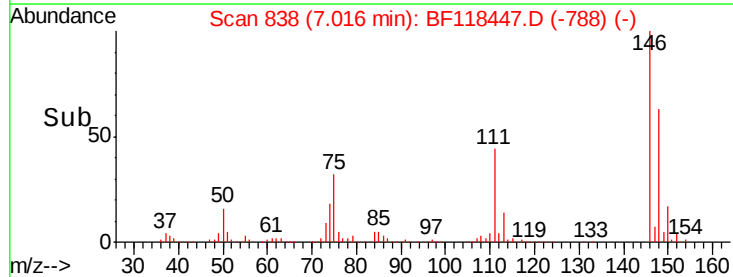
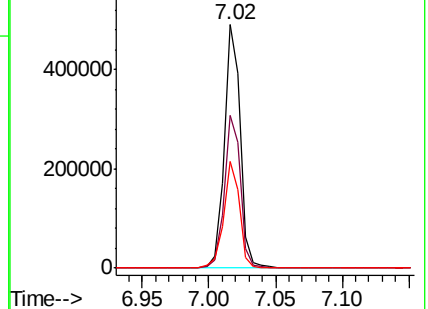
111 43.9 35.7 53.5

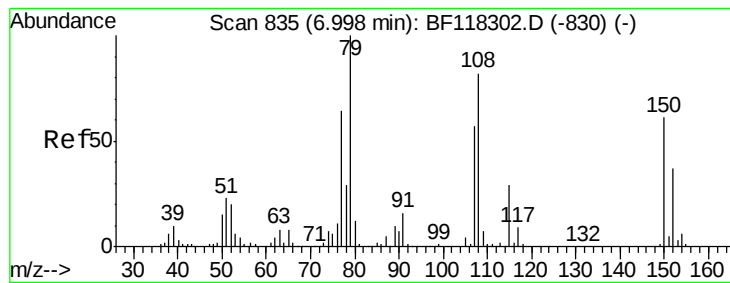


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.205 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

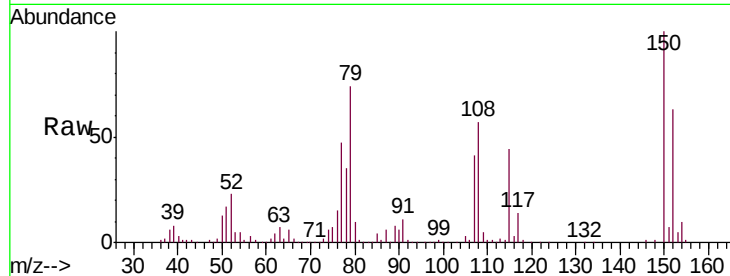
Tgt Ion: 79 Resp: 319443

Ion Ratio Lower Upper

79 100

108 78.0 65.4 98.0

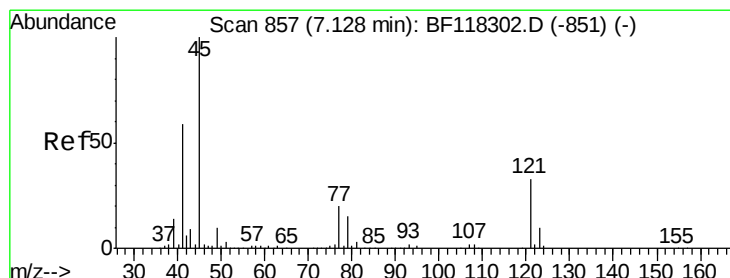
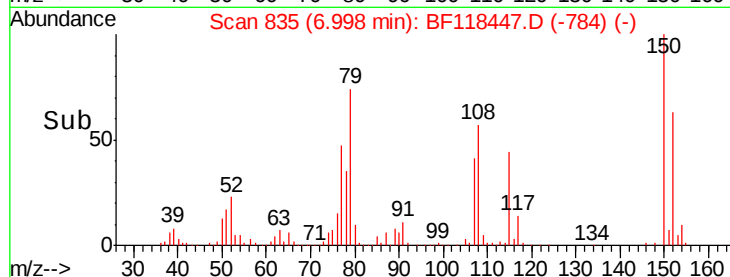
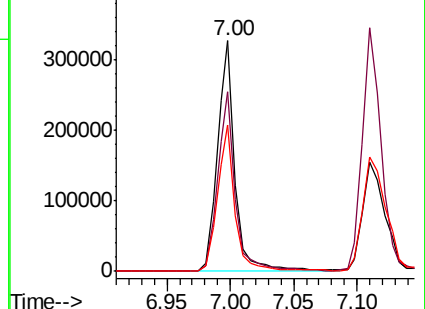
77 63.3 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.731 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

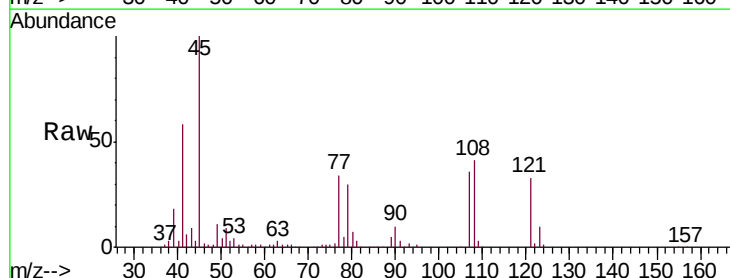
Tgt Ion: 45 Resp: 340591

Ion Ratio Lower Upper

45 100

77 34.3 1.2 41.2

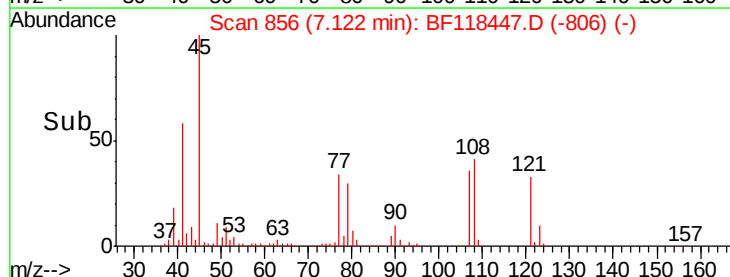
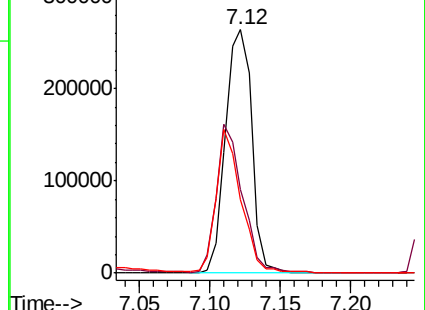
79 29.9 0.0 37.0

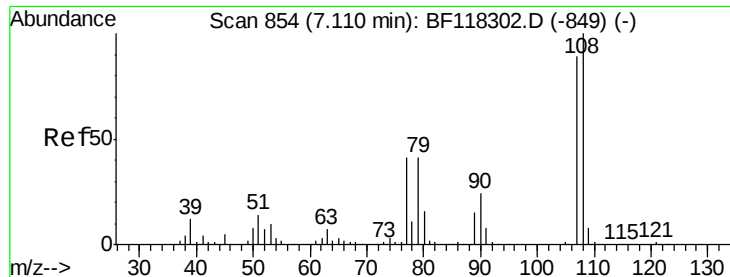


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

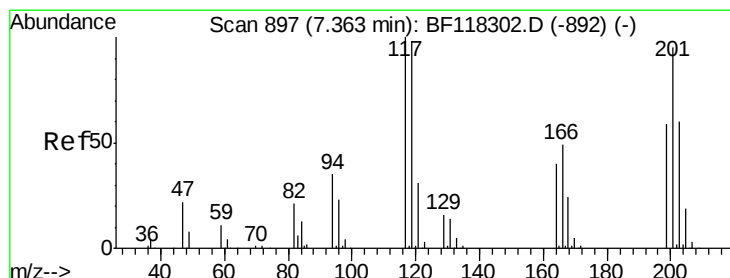
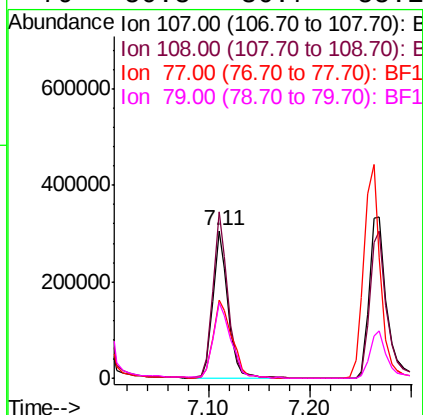
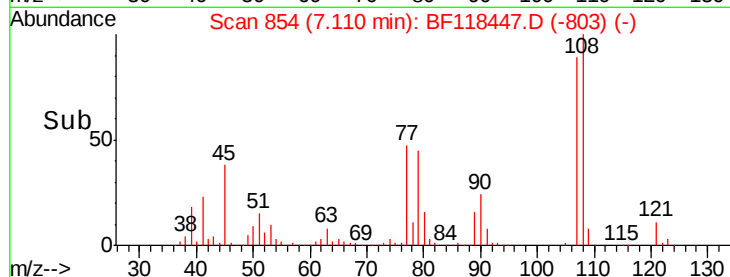
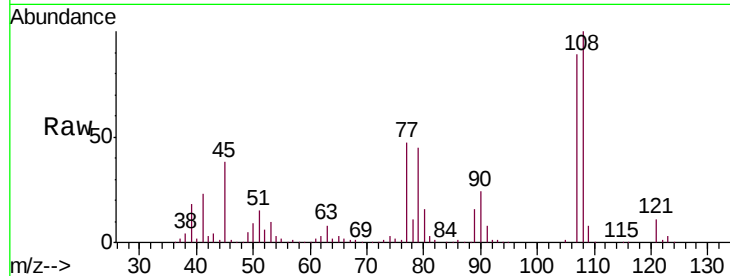




#17
2-Methylphenol
Concen: 47.425 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

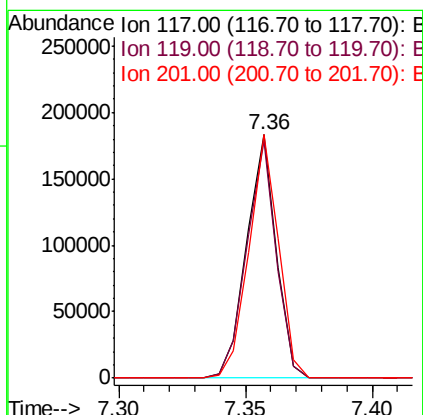
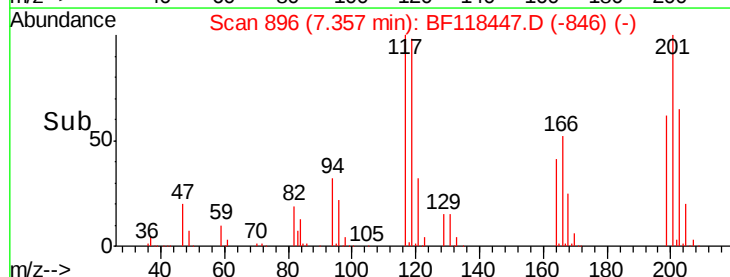
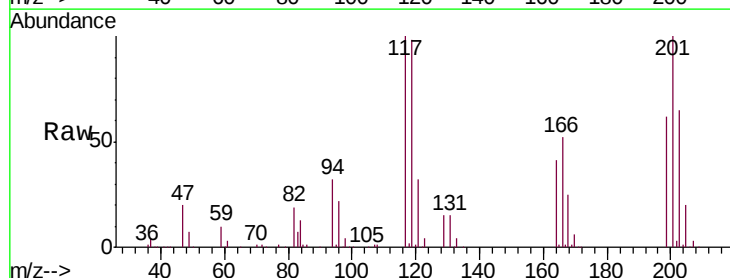
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

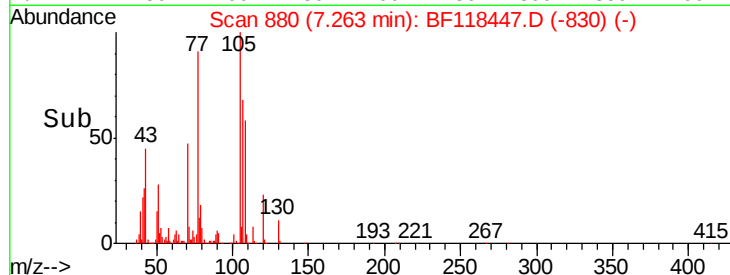
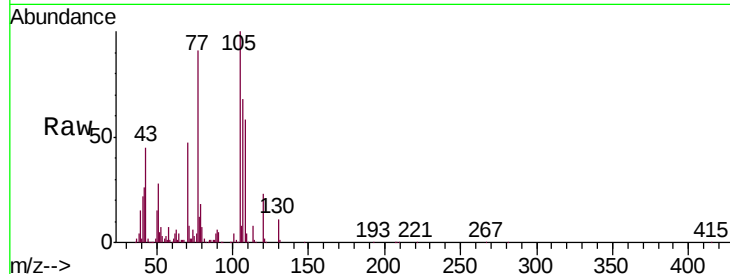
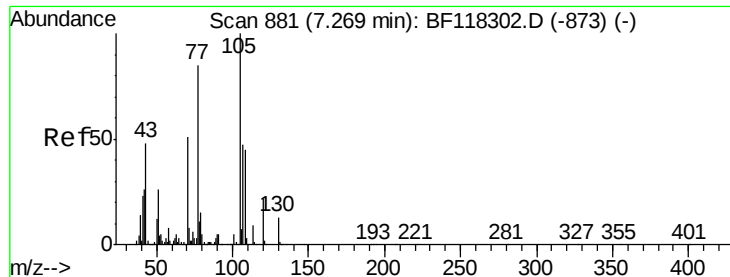
Tgt Ion:	107	Resp:	315330
Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.7	134.5
77	52.8	37.2	55.8
79	50.8	36.7	55.1



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

Tgt Ion:	117	Resp:	148315
Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.0	117.0
201	100.0	76.2	114.2

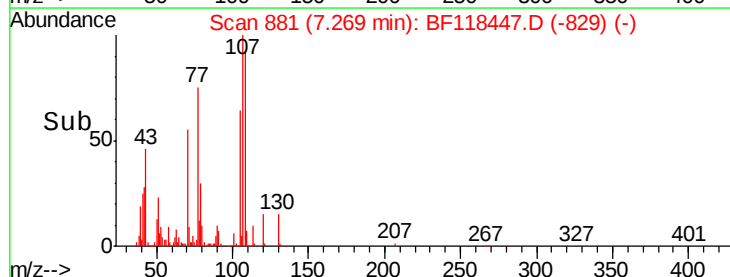
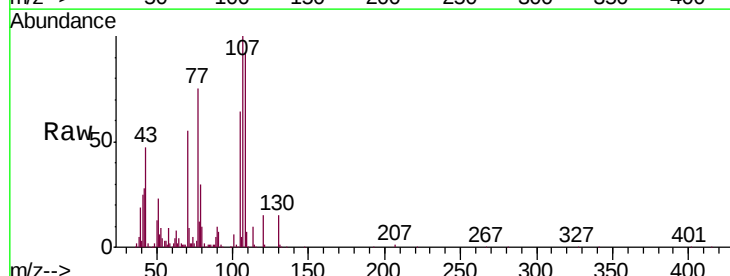
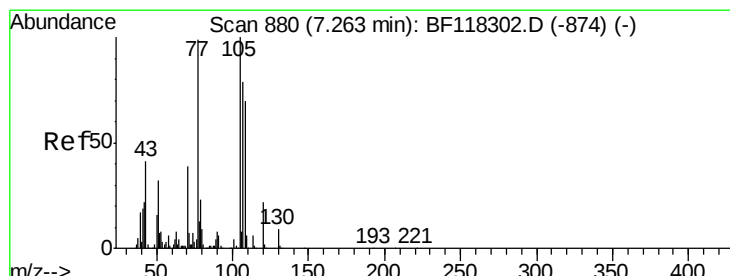
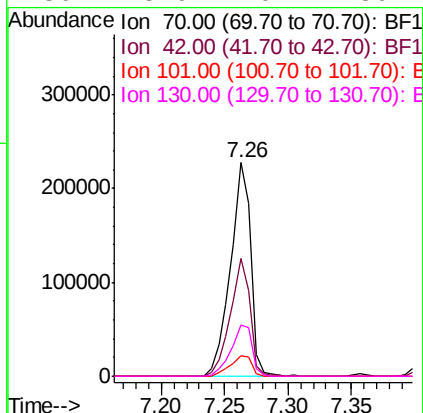




#19
n-Nitroso-di-n-propylamine
Concen: 44.627 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

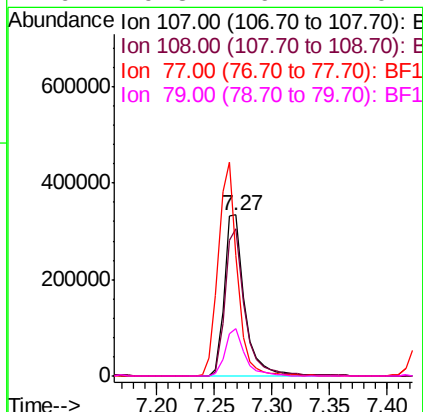
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

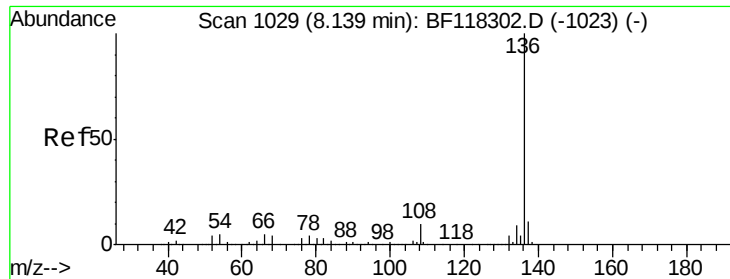
Tgt Ion:	70	Resp:	249627
Ion	Ratio	Lower	Upper
70	100		
42	55.3	41.1	61.7
101	9.6	8.3	12.5
130	23.9	20.1	30.1



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

Tgt Ion:	107	Resp:	404262
Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.3	109.3
77	74.9	105.9	145.9#
79	29.8	9.2	49.2

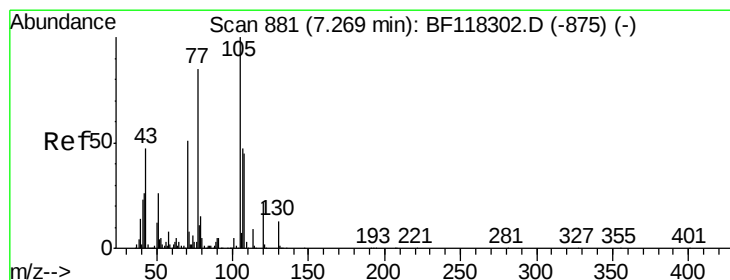
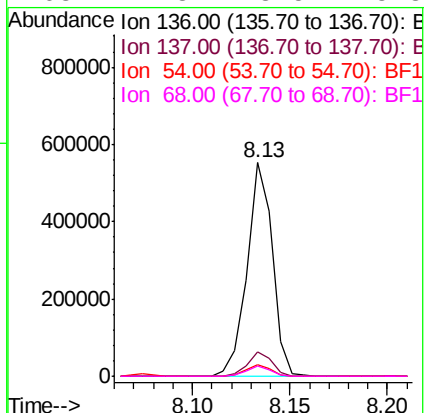
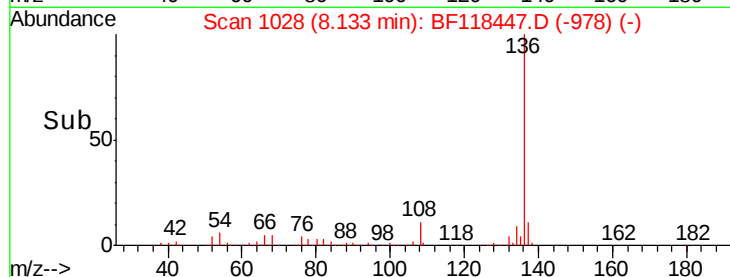
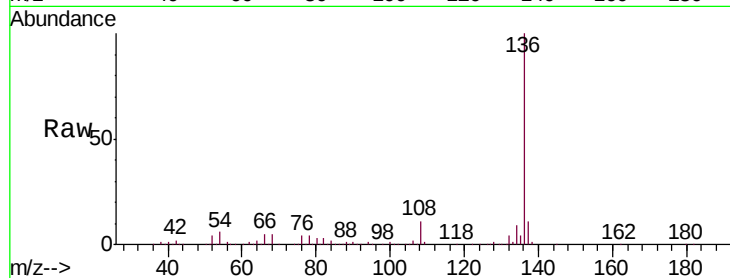




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

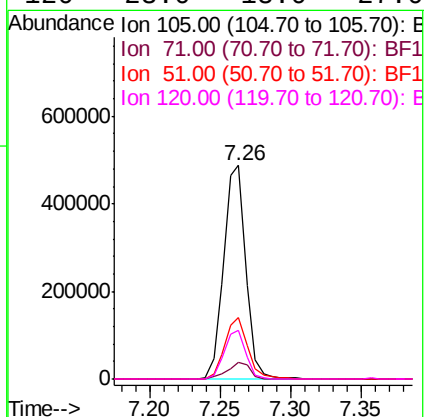
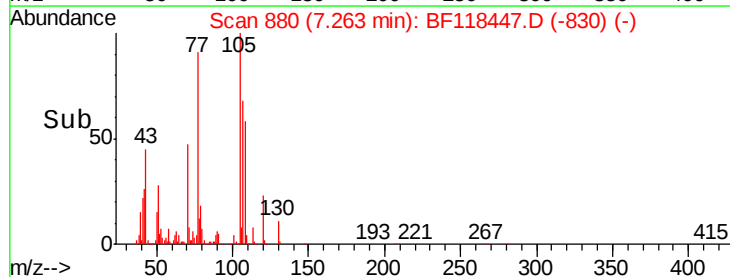
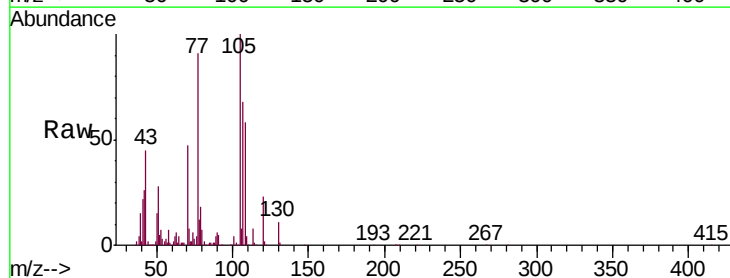
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

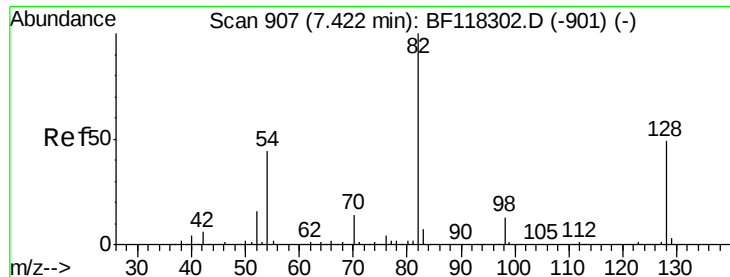
Tgt Ion:	136	Resp:	499365
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	5.5	4.2	6.4
68	4.8	3.5	5.3



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

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

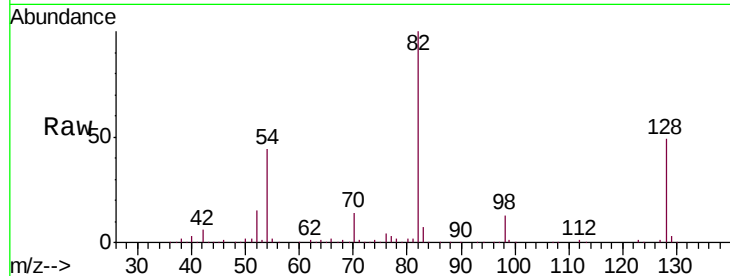




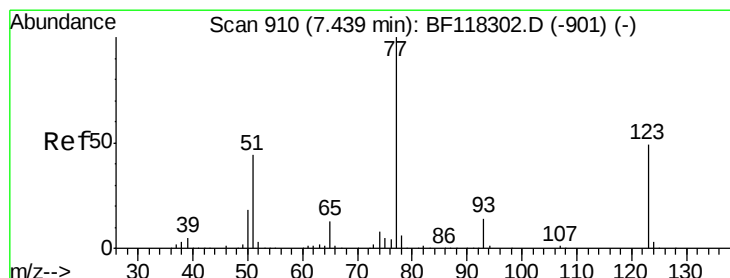
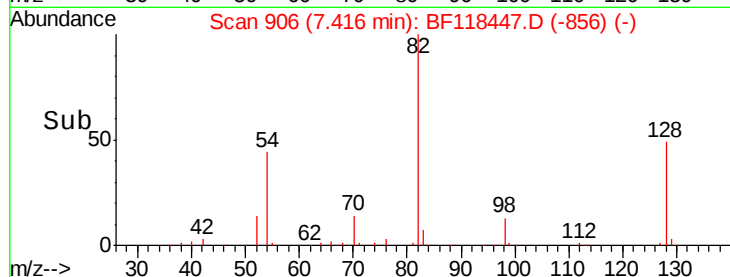
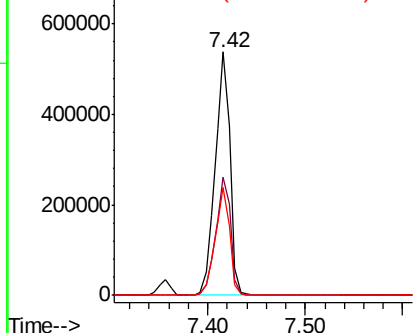
#23
 Nitrobenzene-d5
 Concen: 64.557 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

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

Tgt Ion: 82 Resp: 563639
 Ion Ratio Lower Upper
 82 100
 128 48.7 39.6 59.4
 54 44.5 34.9 52.3

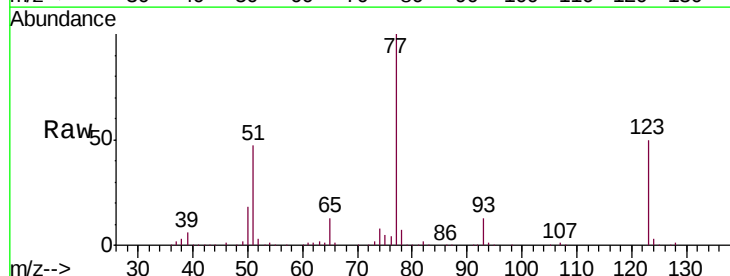


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

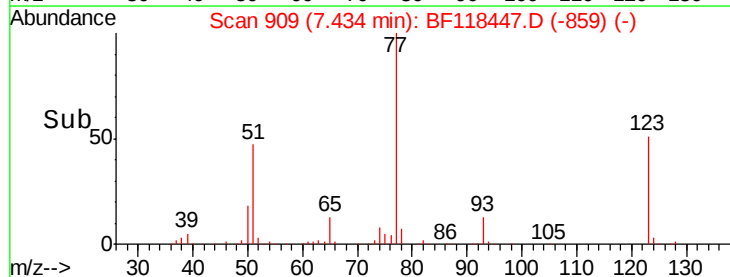
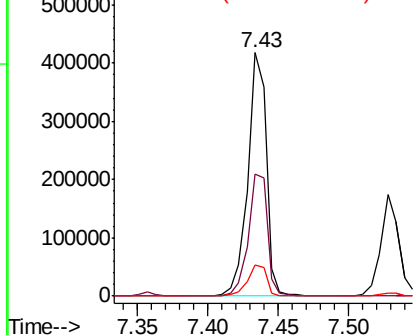


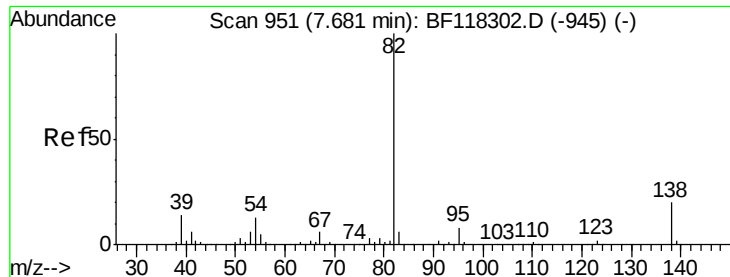
#24
 Nitrobenzene
 Concen: 44.029 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

Tgt Ion: 77 Resp: 385077
 Ion Ratio Lower Upper
 77 100
 123 50.2 39.1 58.7
 65 12.9 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.556 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

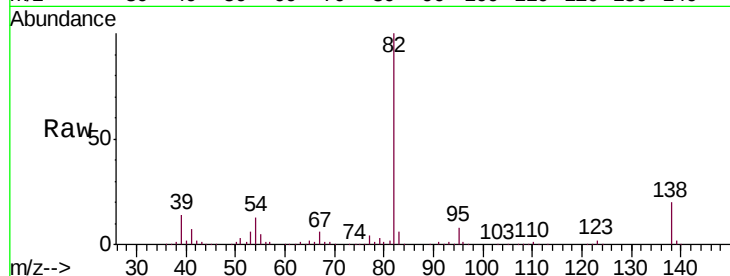
Tgt Ion: 82 Resp: 693183

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

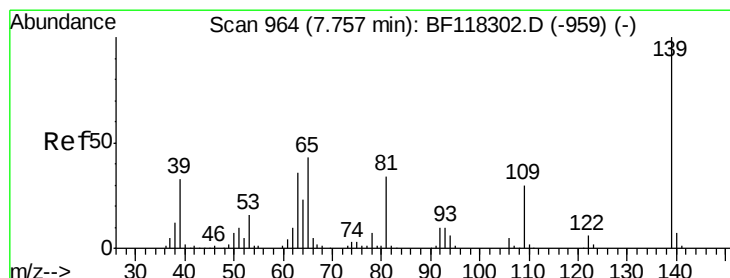
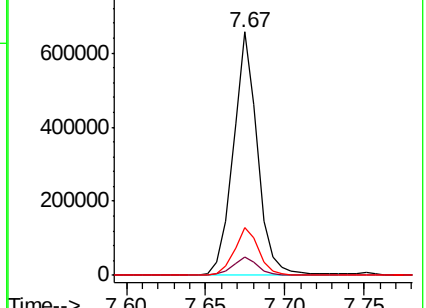
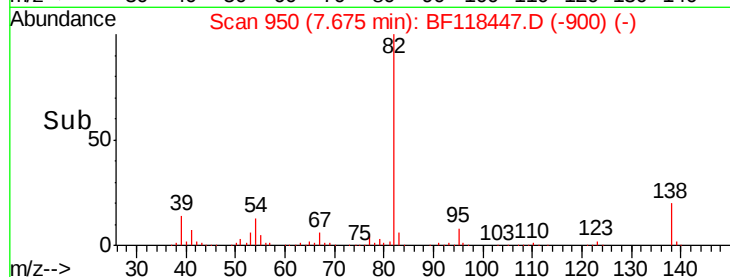
138 19.7 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.206 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

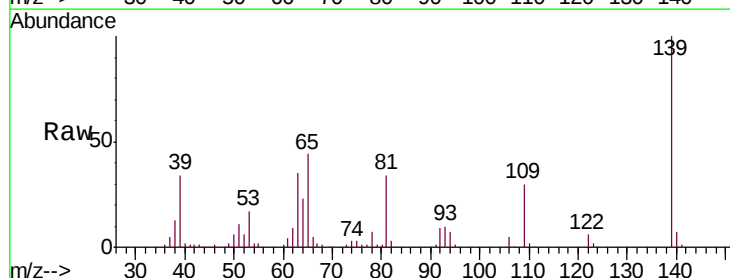
Tgt Ion: 139 Resp: 218681

Ion Ratio Lower Upper

139 100

109 29.8 24.1 36.1

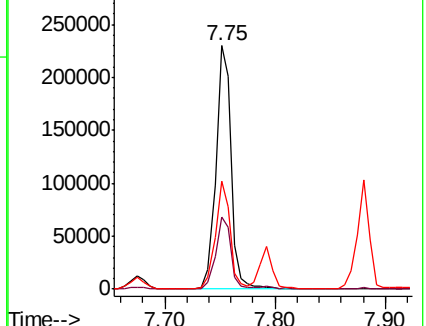
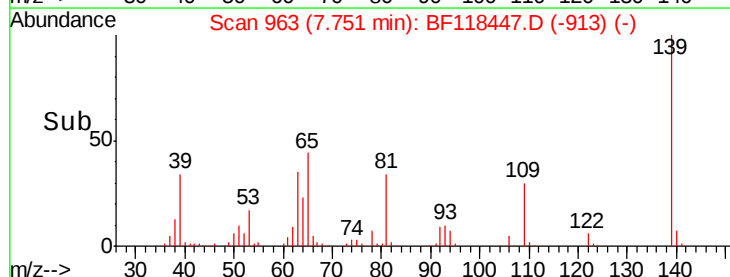
65 44.3 34.6 52.0

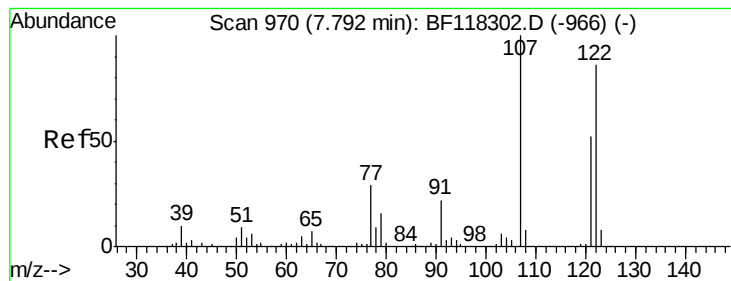


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.630 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

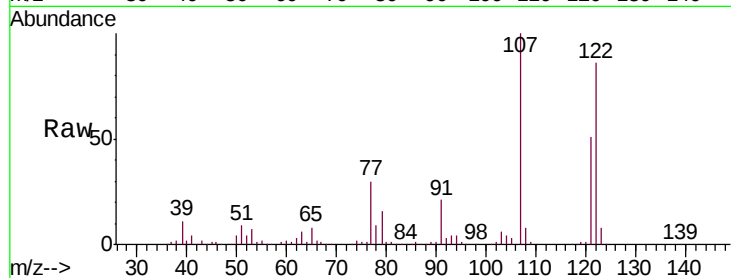
Tgt Ion:122 Resp: 338970

Ion Ratio Lower Upper

122 100

107 116.8 92.9 139.3

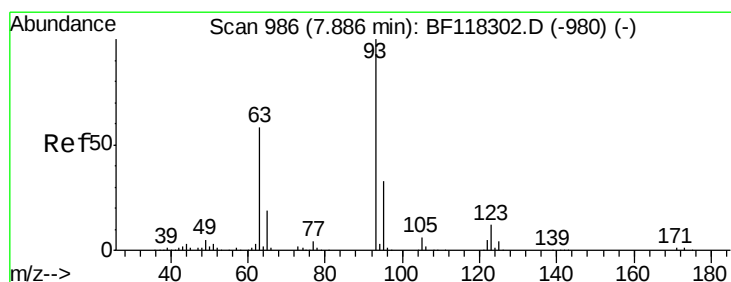
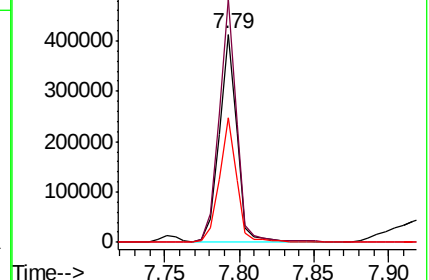
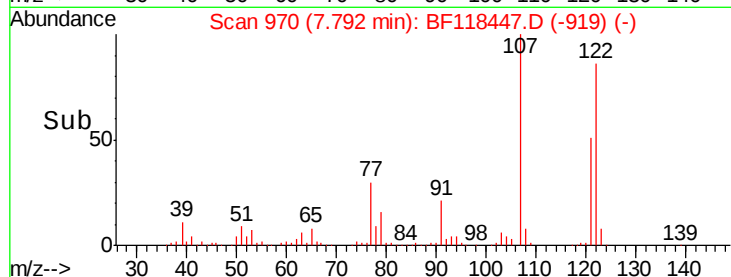
121 59.9 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.144 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

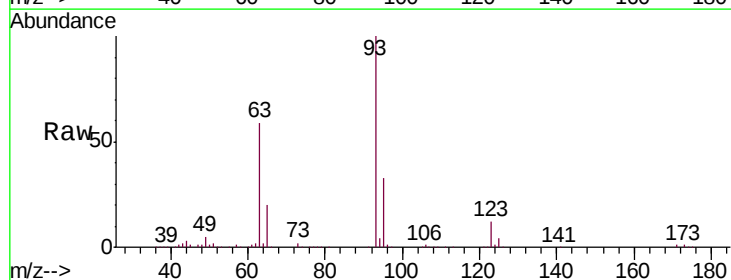
Tgt Ion: 93 Resp: 429340

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

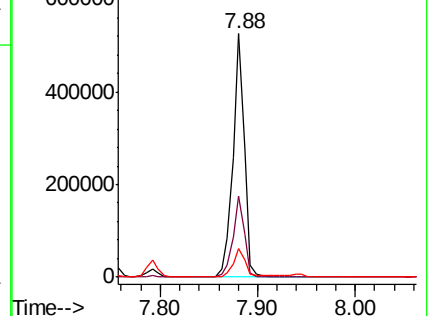
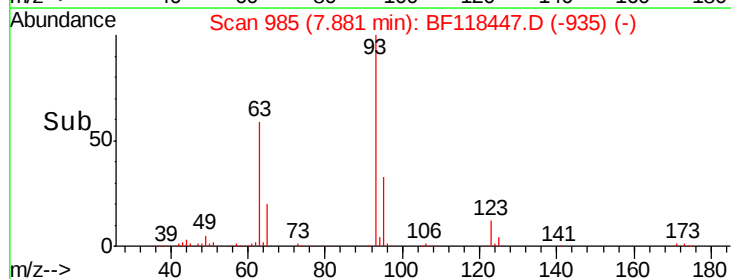
123 11.9 9.8 14.8

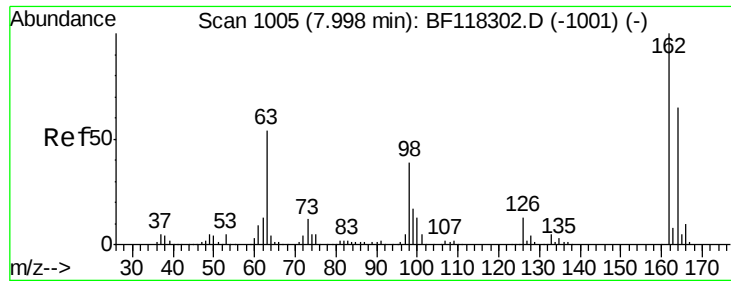


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

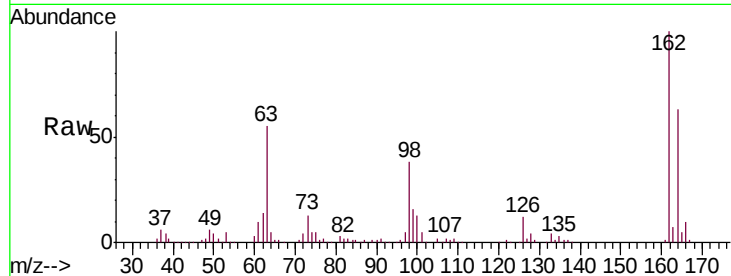




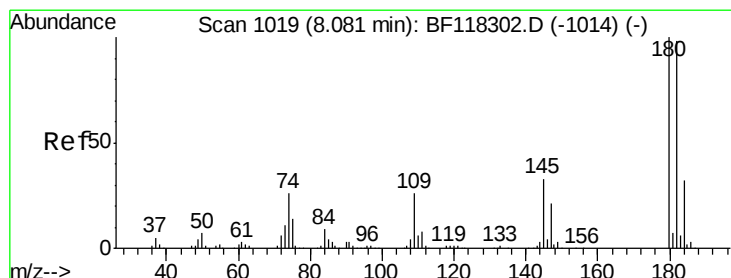
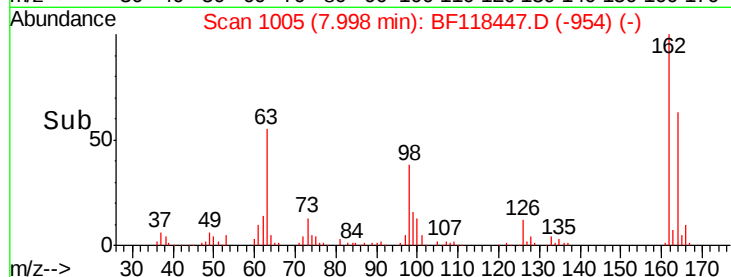
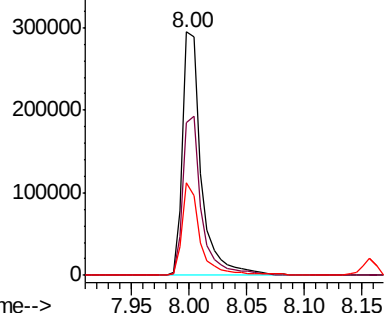
#29
 2,4-Dichlorophenol
 Concen: 46.041 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

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

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

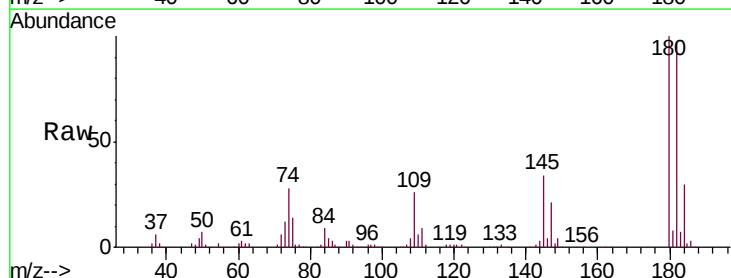


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

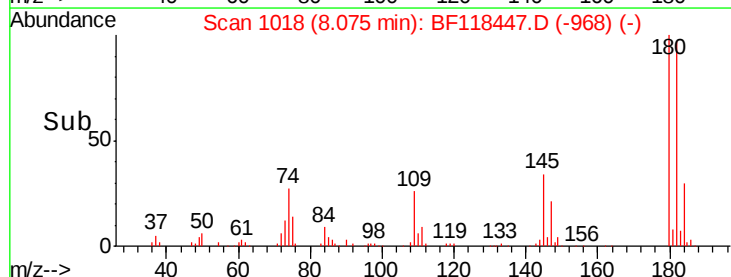
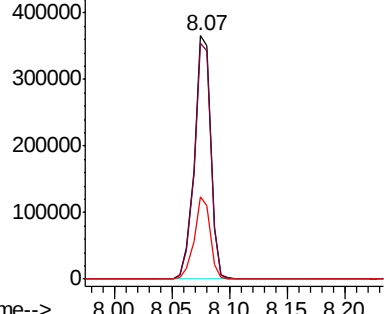


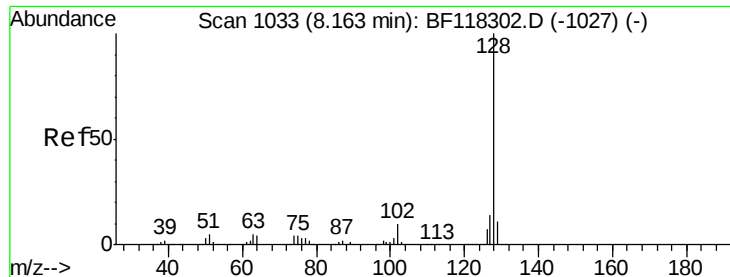
#30
 1,2,4-Trichlorobenzene
 Concen: 42.798 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

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



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

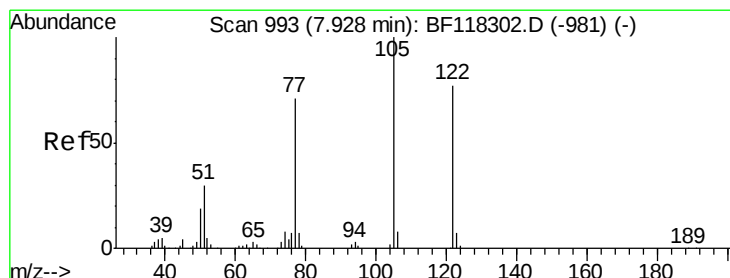
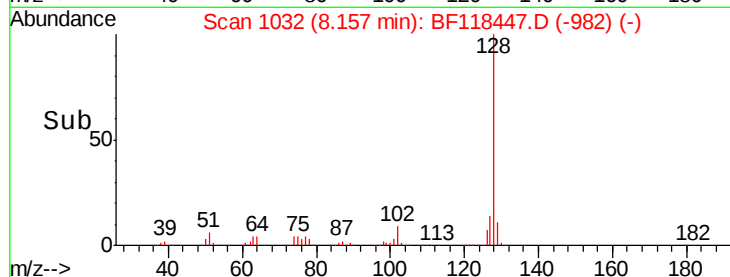
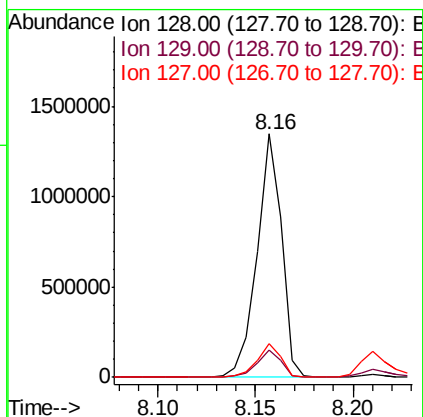
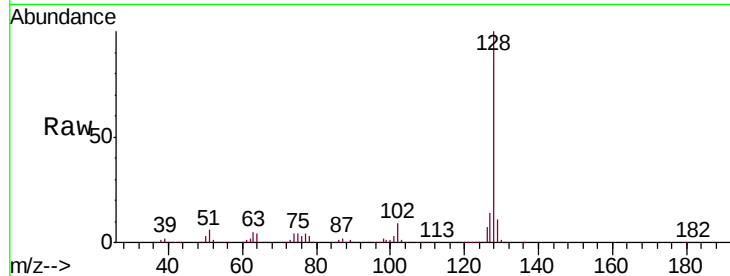




#31
Naphthalene
Concen: 46.197 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

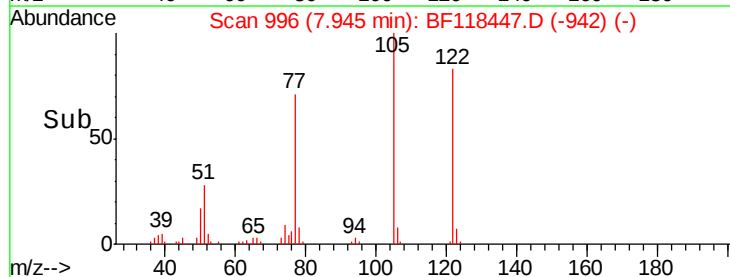
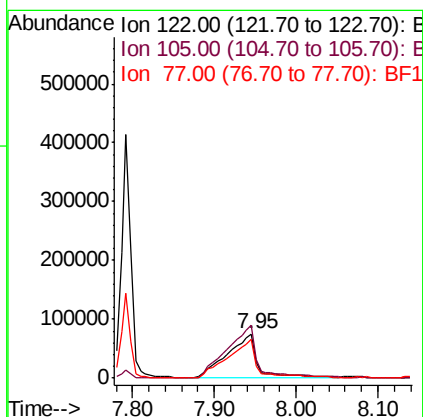
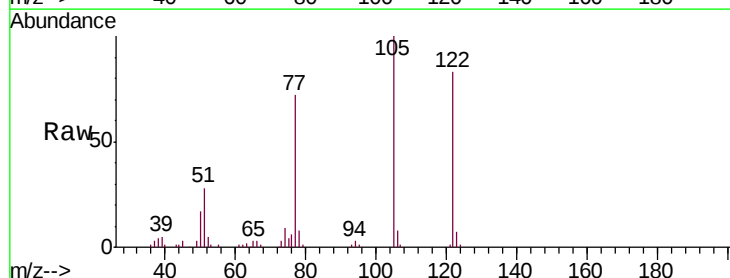
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MSD

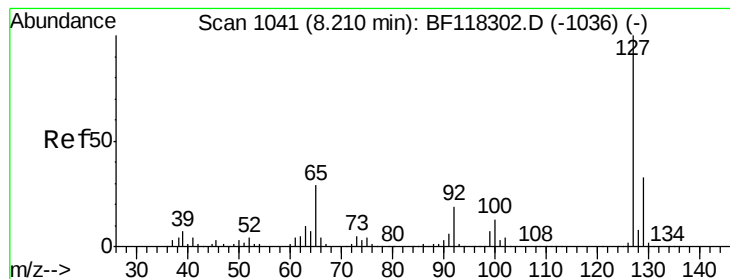
Tgt Ion:128 Resp: 1172523
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.7 11.0 16.4



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

Tgt Ion:122 Resp: 188355
Ion Ratio Lower Upper
122 100
105 120.2 106.8 146.8
77 86.6 70.4 110.4





#33

4-Chloroaniline

Concen: 16.019 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

Tgt Ion:127 Resp: 174294

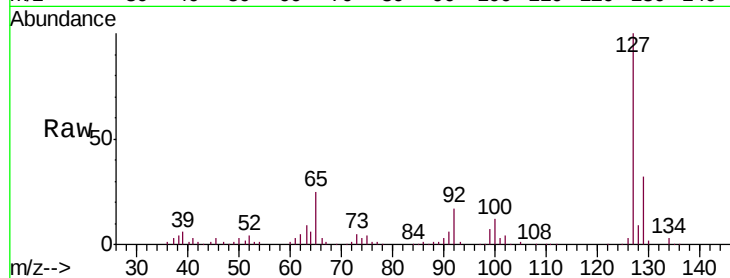
Ion Ratio Lower Upper

127 100

129 31.7 26.5 39.7

65 24.8 22.8 34.2

92 17.1 15.5 23.3

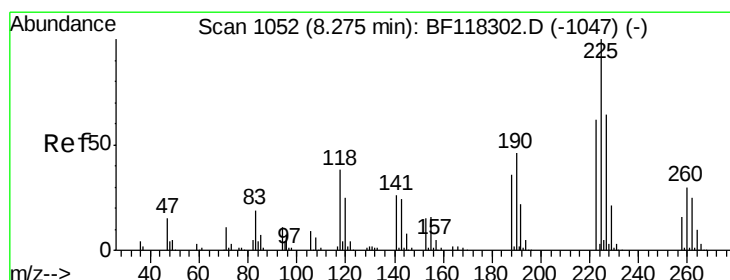
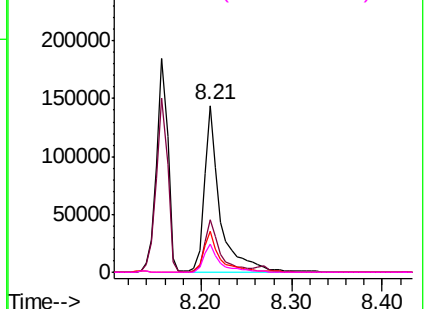
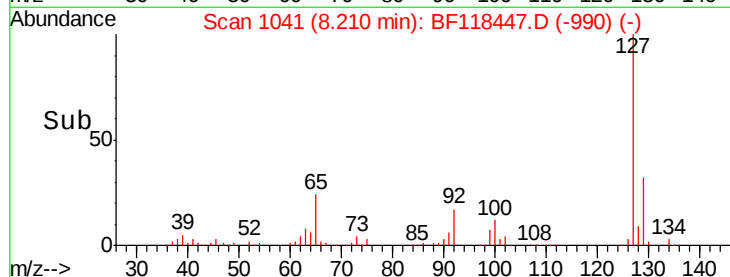


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.430 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

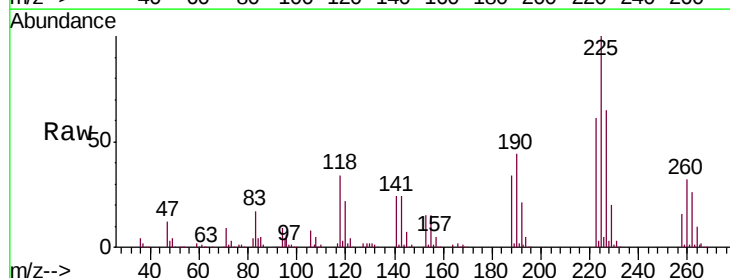
Tgt Ion:225 Resp: 208993

Ion Ratio Lower Upper

225 100

223 61.4 49.5 74.3

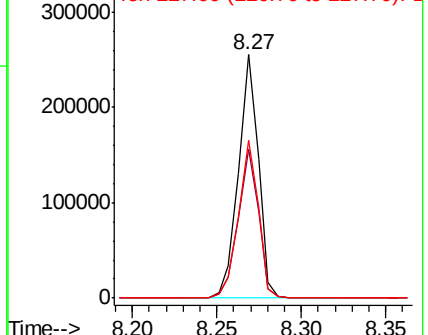
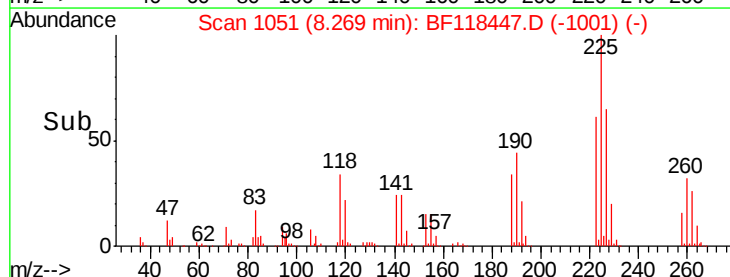
227 65.1 51.0 76.4

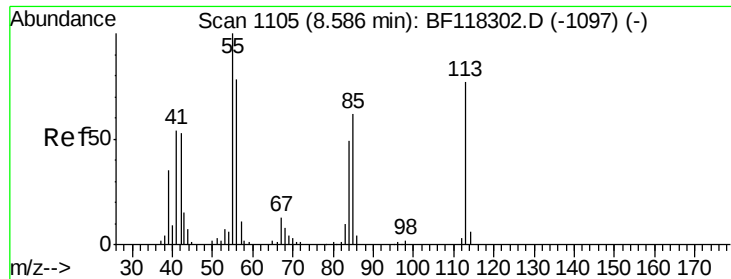


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

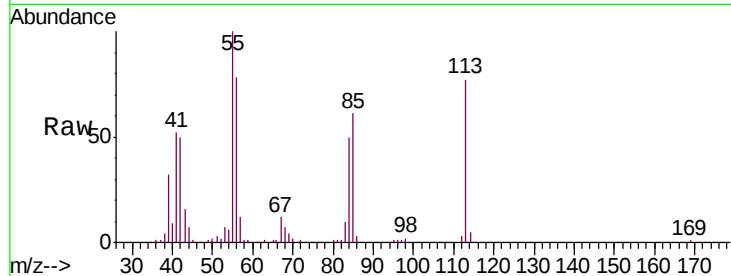




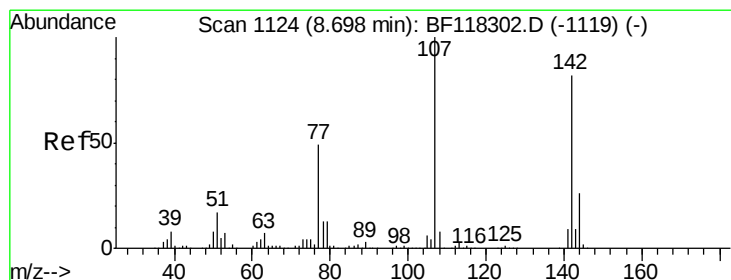
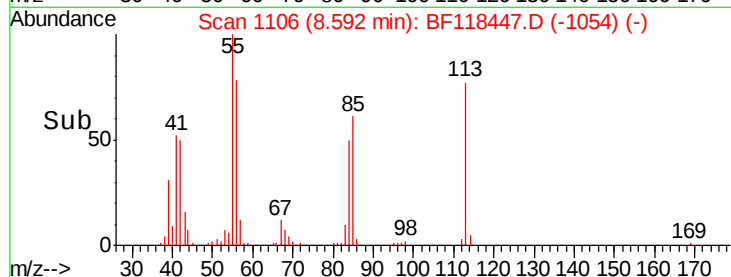
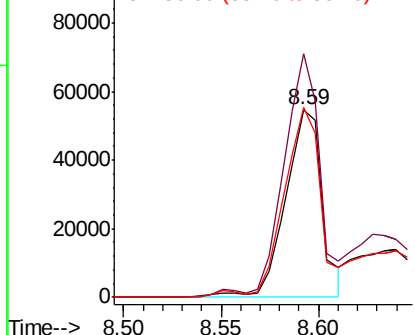
#35
 Caprolactam
 Concen: 31.010 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

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

Tgt Ion:113 Resp: 70431
 Ion Ratio Lower Upper
 113 100
 55 129.6 109.8 149.8
 56 100.9 81.7 121.7

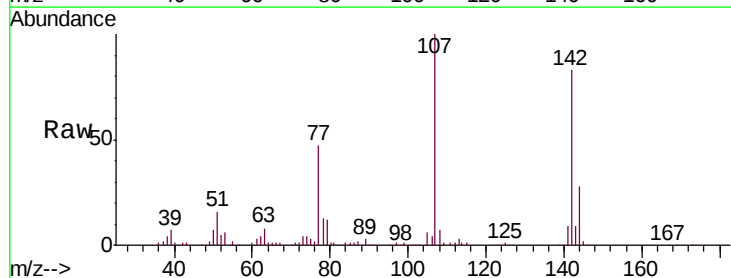


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

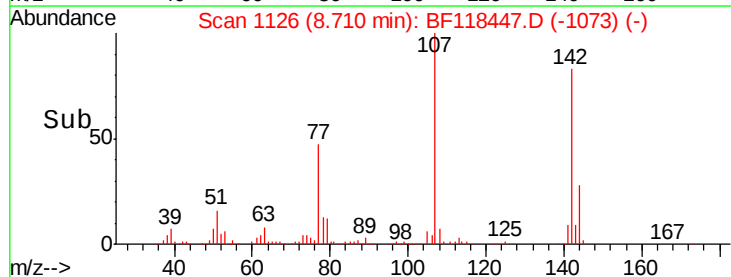
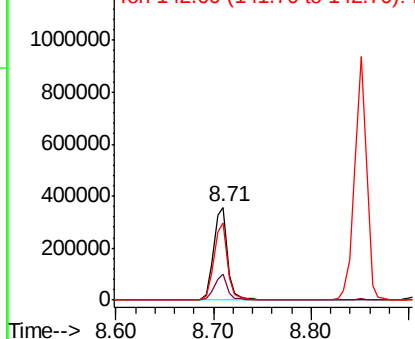


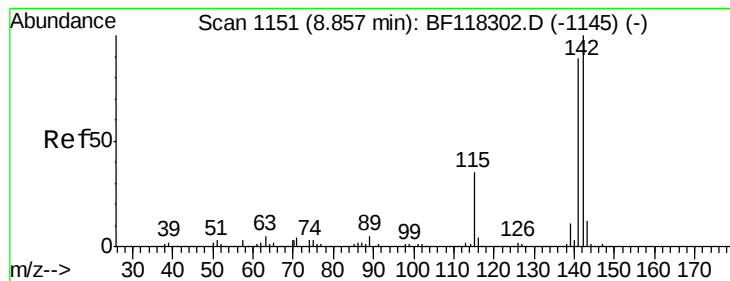
#36
 4-Chloro-3-methylphenol
 Concen: 45.456 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118447.D
 Acq: 2 Jan 2020 20:43

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



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: 46.192 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

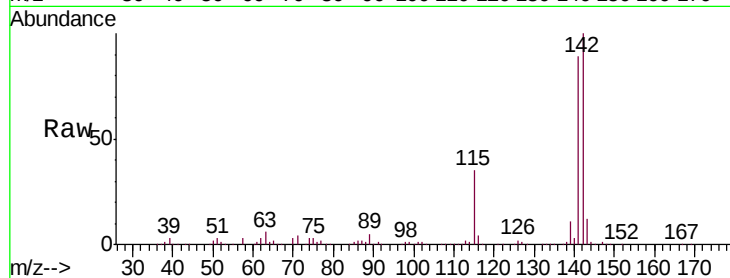
Tgt Ion:142 Resp: 802696

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8

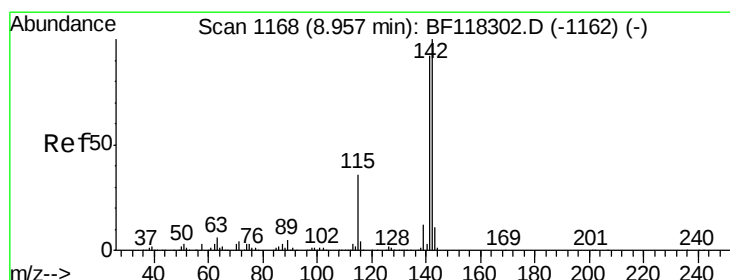
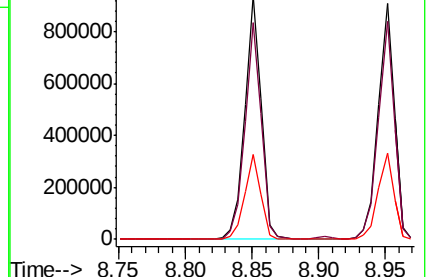
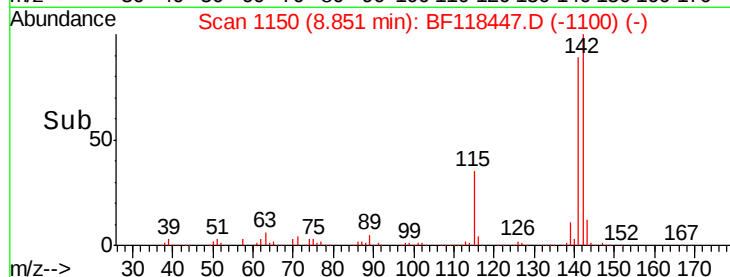
115 35.1 28.0 42.0



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: 45.975 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

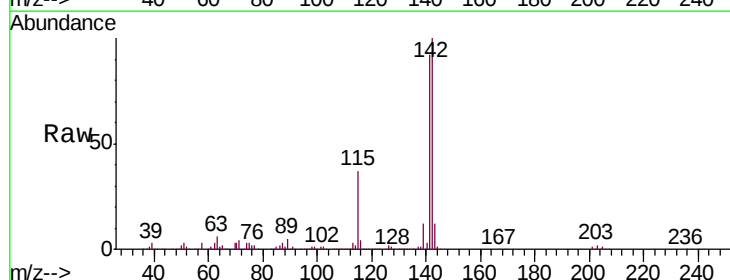
Tgt Ion:142 Resp: 752694

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.2

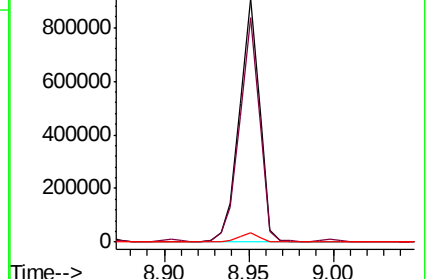
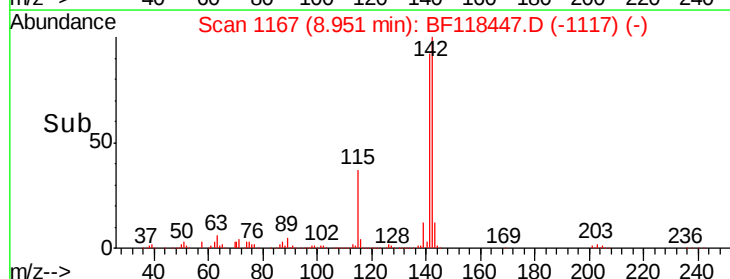
116 4.0 2.9 4.3

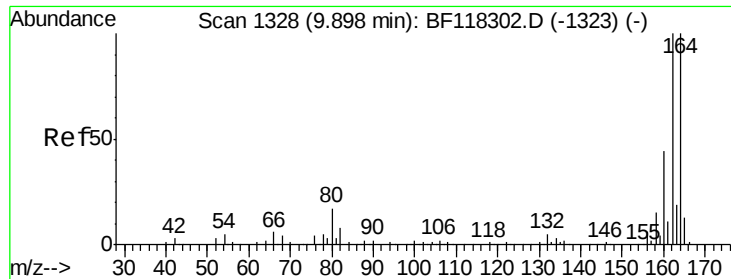


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

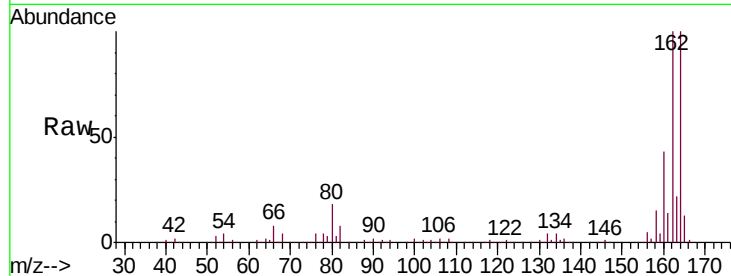




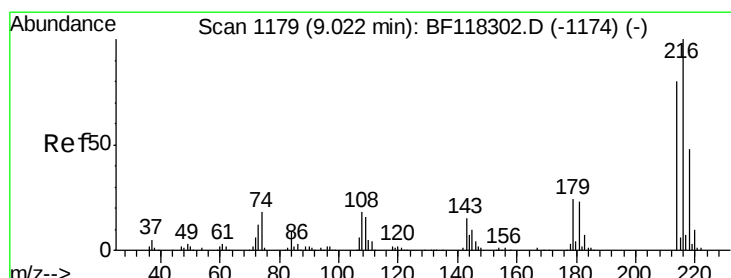
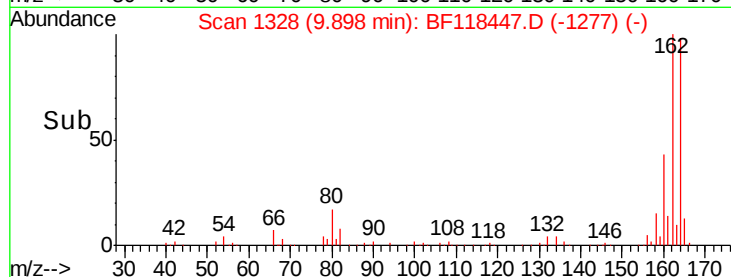
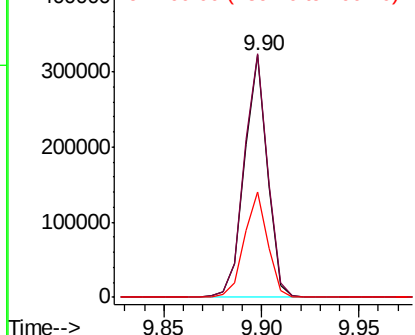
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

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

Tgt Ion:164 Resp: 263302
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 43.7 34.8 52.2

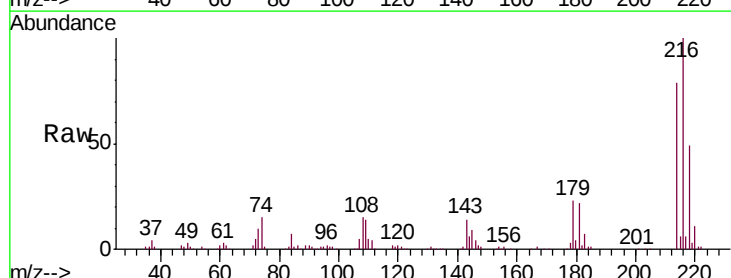


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

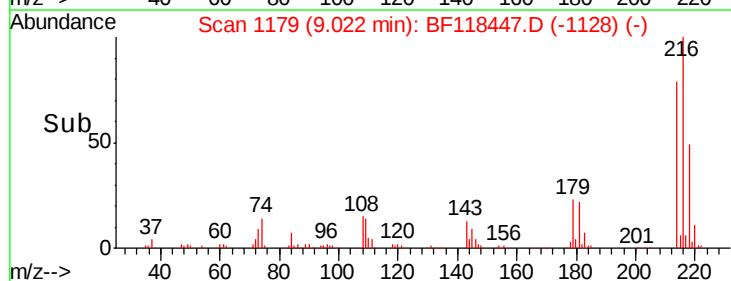
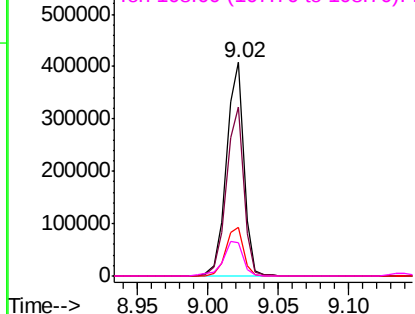


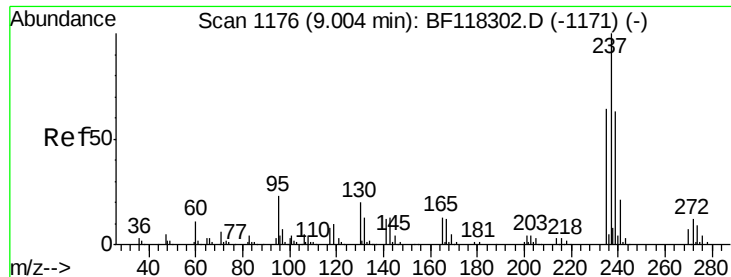
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.235 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF118447.D
Acq: 2 Jan 2020 20:43

Tgt Ion:216 Resp: 349945
Ion Ratio Lower Upper
216 100
214 79.0 63.3 94.9
179 23.3 18.9 28.3
108 18.4 15.0 22.6



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: 29.882 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

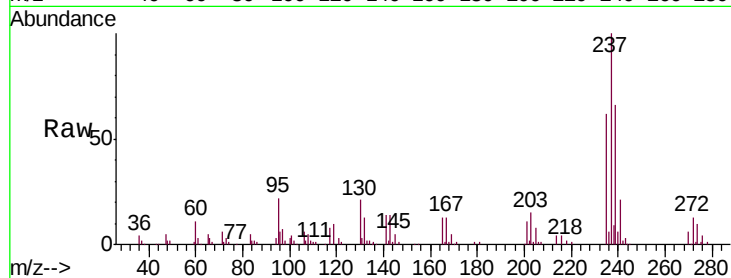
Tgt Ion:237 Resp: 78279

Ion Ratio Lower Upper

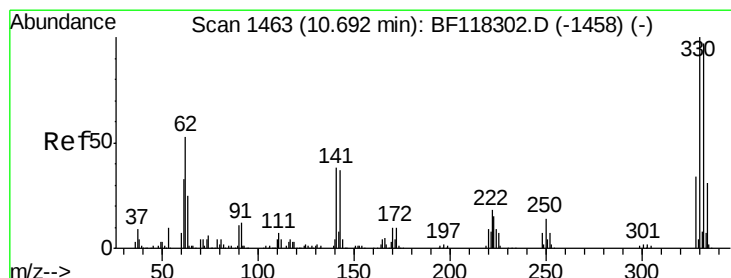
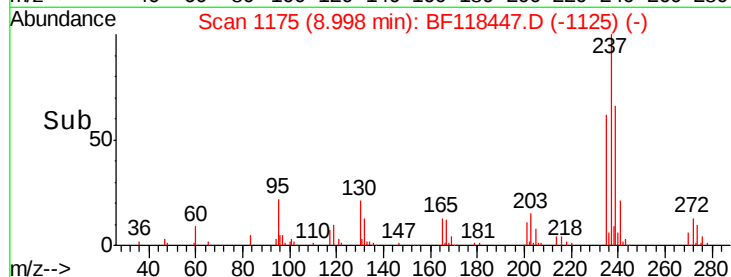
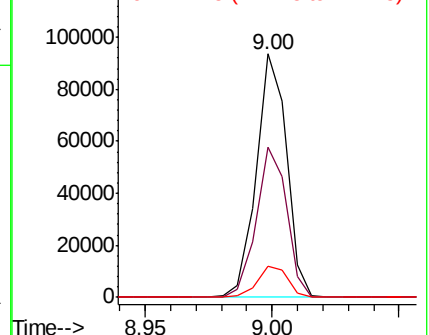
237 100

235 61.7 43.8 83.8

272 12.9 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 88.778 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

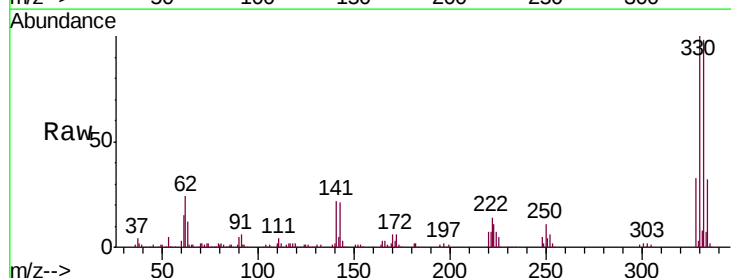
Tgt Ion:330 Resp: 288671

Ion Ratio Lower Upper

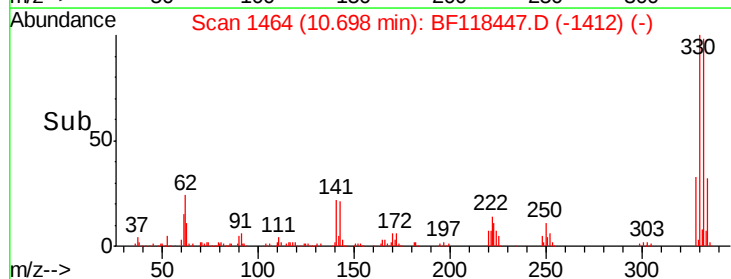
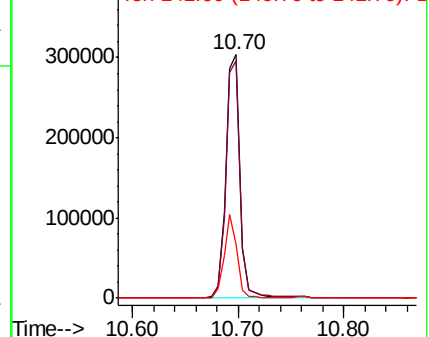
330 100

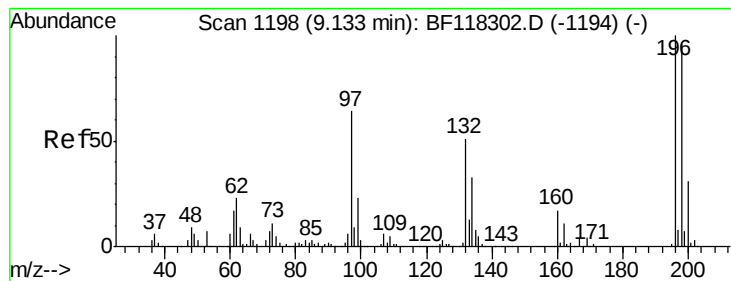
332 97.2 76.6 114.8

141 31.2 26.0 39.0



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





#43

2,4,6-Trichlorophenol

Concen: 44.815 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MSD

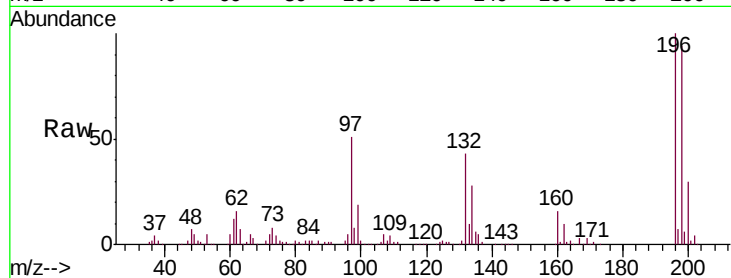
Tgt Ion:196 Resp: 236854

Ion Ratio Lower Upper

196 100

198 94.4 76.7 115.1

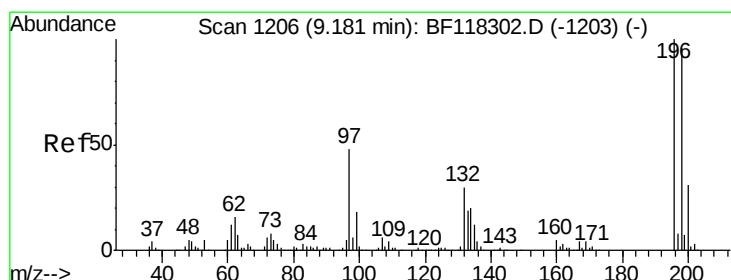
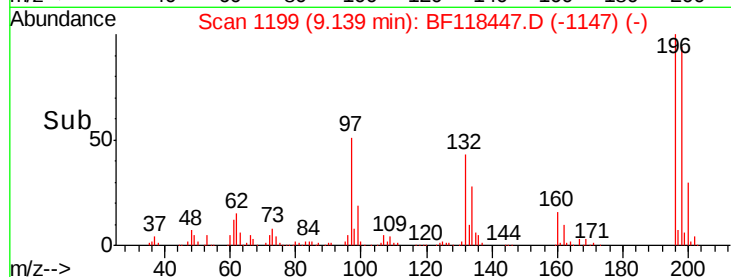
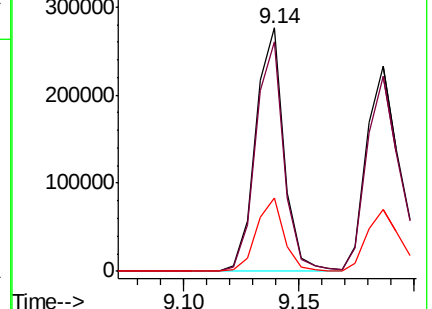
200 30.1 24.8 37.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.946 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF118447.D

Acq: 2 Jan 2020 20:43

Tgt Ion:196 Resp: 244364

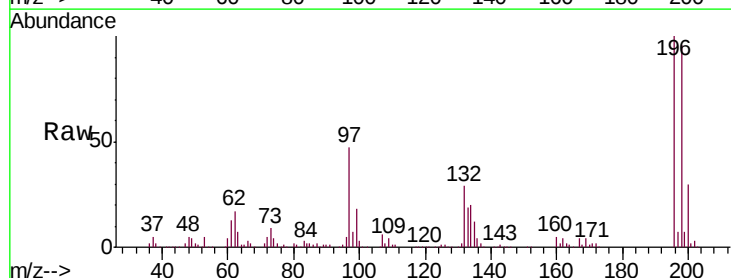
Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

97 47.2 38.9 58.3

132 28.5 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

