

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121198.D
 Acq On : 6 Aug 2020 11:59
 Operator : JU/CG
 Sample : L3521-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

Quant Time: Aug 06 13:48:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141598	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	555531	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	295027	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	581490	20.00	ng	0.00
76) Chrysene-d12	13.97	240	480243	20.00	ng	0.00
86) Perylene-d12	15.41	264	513768	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	809081	93.67	ng	0.00
7) Phenol-d6	6.44	99	1014246	90.90	ng	0.00
23) Nitrobenzene-d5	7.36	82	671929	69.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	322758	99.94	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1239301	62.72	ng	0.00
79) Terphenyl-d14	12.91	244	1353479	61.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	148264	37.297	ng	99
3) Pyridine	3.26	79	361859	34.219	ng	98
4) n-Nitrosodimethylamine	3.21	42	197262	43.624	ng	96
6) Aniline	6.46	93	512614	35.197	ng	# 87
8) 2-Chlorophenol	6.58	128	461278	48.478	ng	99
9) Benzaldehyde	6.35	77	284694	60.093	ng	97
10) Phenol	6.45	94	537021	43.755	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	429821	45.696	ng	100
12) 1,3-Dichlorobenzene	6.73	146	442155	42.853	ng	99
13) 1,4-Dichlorobenzene	6.81	146	450139	43.874	ng	100
14) 1,2-Dichlorobenzene	6.96	146	435118	44.829	ng	99
15) Benzyl Alcohol	6.94	79	380074	48.170	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	596797	44.019	ng	99
17) 2-Methylphenol	7.06	107	367959	43.630	ng	100
18) Hexachloroethane	7.30	117	166470	44.829	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	280738	44.249	ng	98
20) 3+4-Methylphenols	7.21	107	416199	38.794	ng	96
22) Acetophenone	7.20	105	563345	45.184	ng	98
24) Nitrobenzene	7.38	77	460575	44.510	ng	100
25) Isophorone	7.62	82	872031	45.511	ng	98
26) 2-Nitrophenol	7.70	139	252121	51.302	ng	96
27) 2,4-Dimethylphenol	7.74	122	391504	49.066	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	550705	47.084	ng	100
29) 2,4-Dichlorophenol	7.94	162	390198	47.856	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	400894	44.317	ng	99
31) Naphthalene	8.10	128	1241342	43.562	ng	100
32) Benzoic acid	7.89	122	307975	51.417	ng	100
33) 4-Chloroaniline	8.15	127	370983	29.184	ng	99
34) Hexachlorobutadiene	8.22	225	228375	42.825	ng	100
35) Caprolactam	8.55	113	93775	35.864	ng	87
36) 4-Chloro-3-methylphenol	8.65	107	415107	49.641	ng	99
37) 2-Methylnaphthalene	8.79	142	866376	46.824	ng	100
38) 1-Methylnaphthalene	8.89	142	806470	46.021	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	399692	46.498	ng	99

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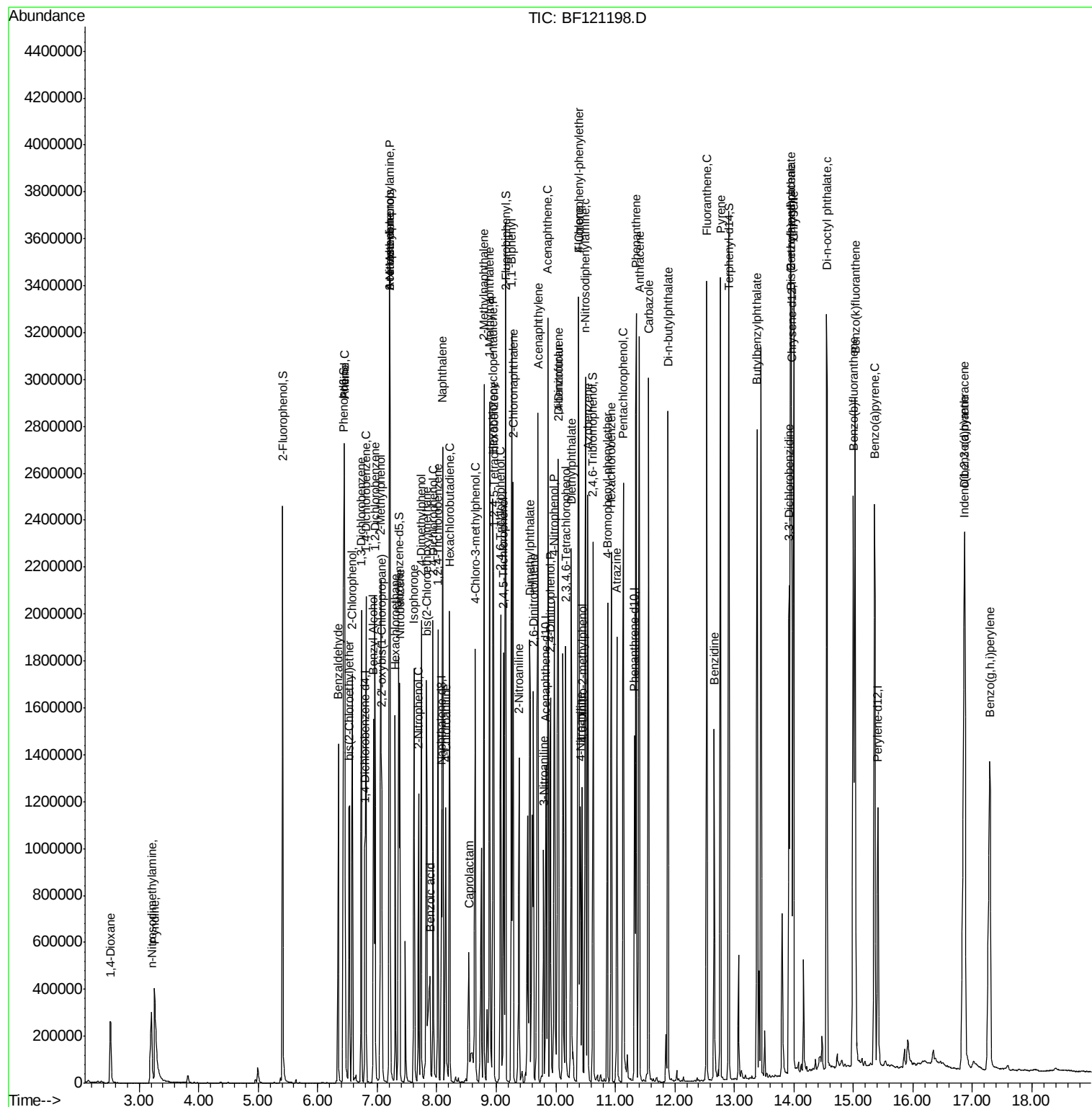
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	388638	81.806	nq	97
43) 2,4,6-Trichlorophenol	9.07	196	289625	47.854	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	312877	45.574	nq	99
46) 1,1'-Biphenyl	9.26	154	1052501	46.768	nq	99
47) 2-Chloronaphthalene	9.28	162	809533	44.121	nq	97
48) 2-Nitroaniline	9.38	65	270645	48.810	nq	96
49) Acenaphthylene	9.70	152	1317288	46.214	nq	100
50) Dimethylphthalate	9.56	163	1141088	53.612	nq	100
51) 2,6-Dinitrotoluene	9.63	165	229578	50.206	nq	95
52) Acenaphthene	9.87	154	752813	41.541	nq	99
53) 3-Nitroaniline	9.80	138	180223	31.425	nq	94
54) 2,4-Dinitrophenol	9.91	184	256834	96.077	nq	99
55) Dibenzofuran	10.05	168	1139326	43.475	nq	97
56) 4-Nitrophenol	9.97	139	385952	88.592	nq	97
57) 2,4-Dinitrotoluene	10.03	165	292862	48.770	nq	# 90
58) Fluorene	10.39	166	861153	44.059	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	265888	50.868	nq	100
60) Diethylphthalate	10.26	149	1007662	46.806	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	422054	40.485	nq	99
62) 4-Nitroaniline	10.42	138	257800	46.147	nq	96
63) Azobenzene	10.54	77	933065	45.525	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	178512	52.639	nq	95
66) n-Nitrosodiphenylamine	10.50	169	848655	46.394	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	288346	44.476	nq	96
68) Hexachlorobenzene	10.93	284	328700	46.870	nq	# 91
69) Atrazine	11.03	200	244980	54.076	nq	98
70) Pentachlorophenol	11.13	266	364829	90.806	nq	99
71) Phenanthrene	11.35	178	1320271	44.147	nq	100
72) Anthracene	11.40	178	1386502	46.170	nq	100
73) Carbazole	11.56	167	1347372	45.211	nq	100
74) Di-n-butylphthalate	11.89	149	1595637	46.396	nq	99
75) Fluoranthene	12.54	202	1516589	45.751	nq	99
77) Benzidine	12.66	184	689560	54.612	nq	99
78) Pyrene	12.77	202	1579126	46.509	nq	99
80) Butylbenzylphthalate	13.39	149	735204	48.573	nq	99
81) Benzo(a)anthracene	13.96	228	1380055	47.455	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	481680	43.903	nq	99
83) Chrysene	14.00	228	1373646	44.947	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	918530	49.213	nq	99
85) Di-n-octyl phthalate	14.55	149	1712598	46.121	nq	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1523573	42.641	nq	99
88) Benzo(b)fluoranthene	15.00	252	1477928	47.590	nq	99
89) Benzo(k)fluoranthene	15.03	252	1410562	49.804	nq	99
90) Benzo(a)pyrene	15.36	252	1326641	46.822	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	1237824	42.411	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1287071	44.724	nq	100

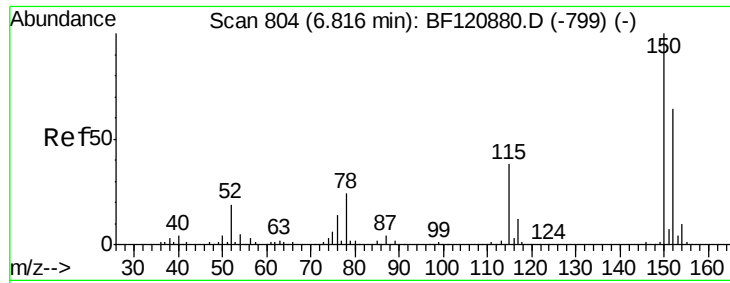
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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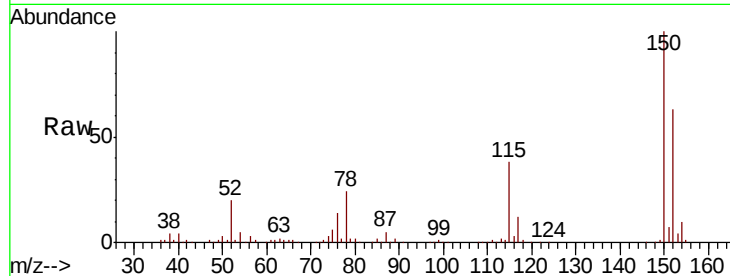


#1

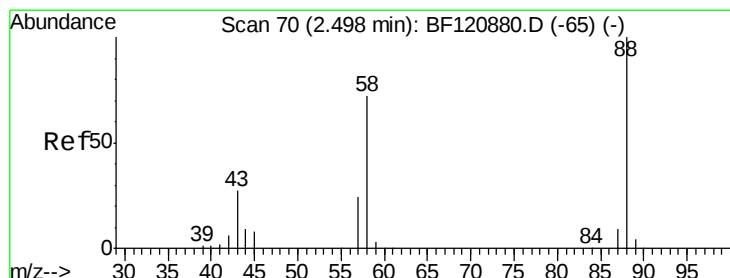
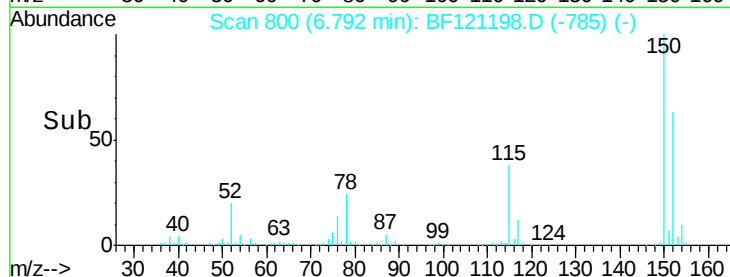
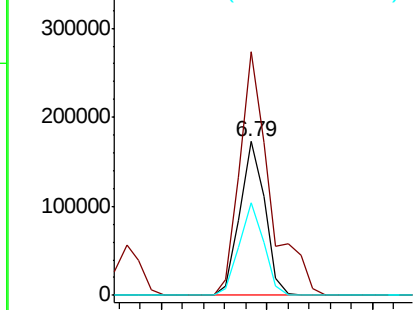
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Tot Ion:152 Resp: 141598
Ion Ratio Lower Upper
152 100
150 158.3 125.6 188.4
115 60.6 46.2 69.2



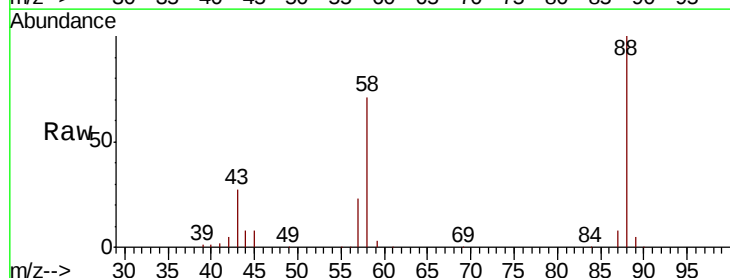
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



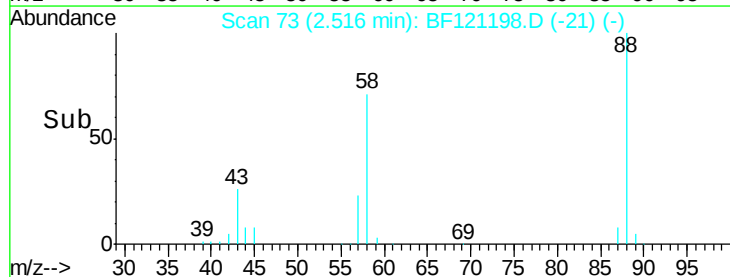
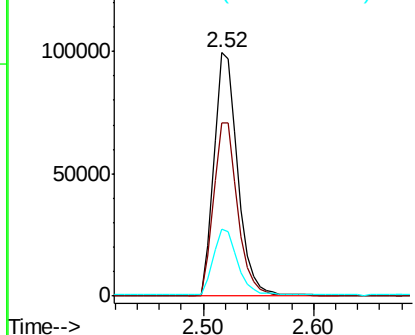
#2

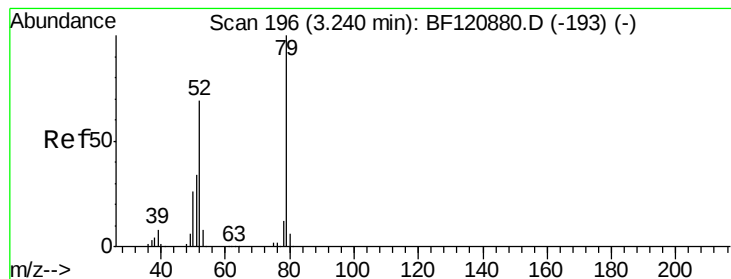
1,4-Dioxane
Concen: 37.297 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion: 88 Resp: 148264
Ion Ratio Lower Upper
88 100
58 72.5 58.2 87.4
43 27.2 21.3 31.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.219 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

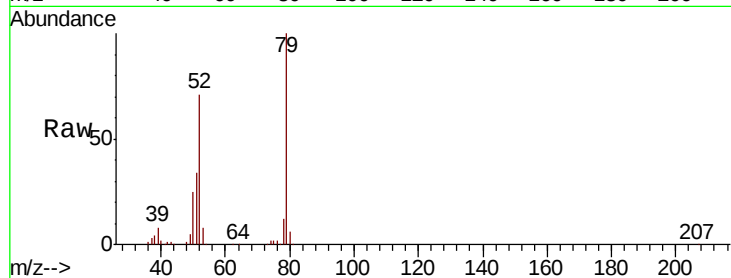
Tot Ion: 79 Resp: 361859

Ion Ratio Lower Upper

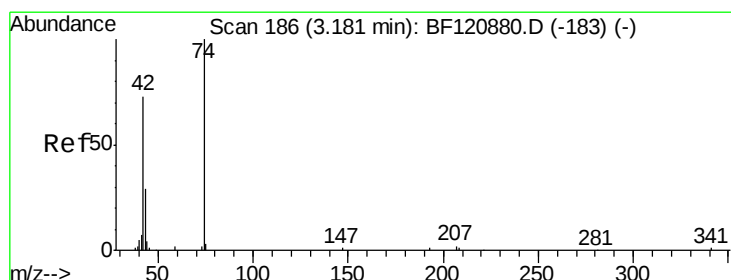
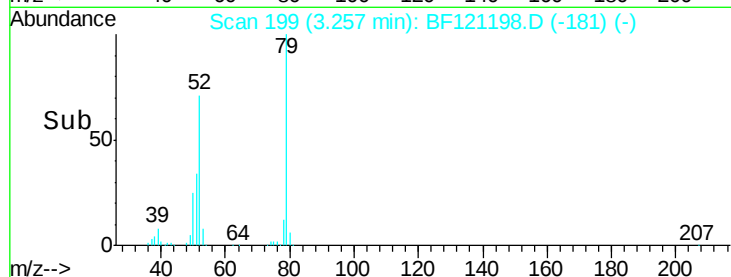
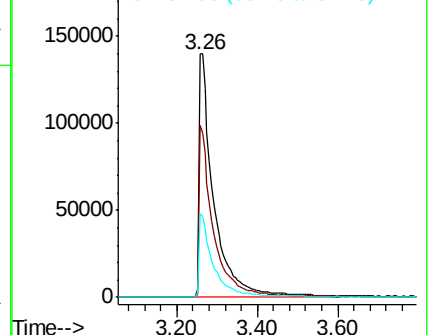
79 100

52 70.9 54.9 82.3

51 34.3 27.4 41.0



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: 43.624 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

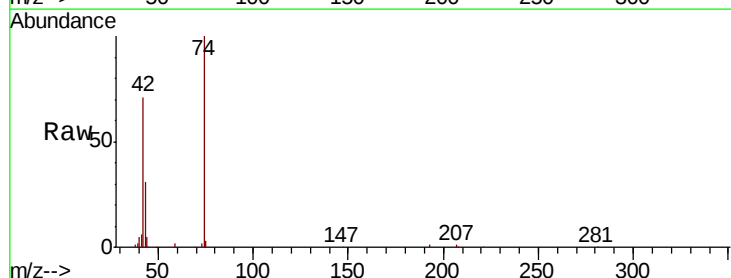
Tgt Ion: 42 Resp: 197262

Ion Ratio Lower Upper

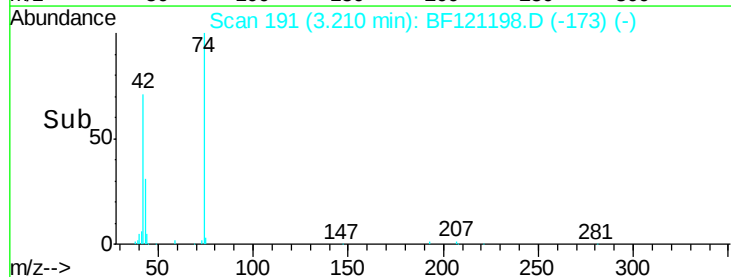
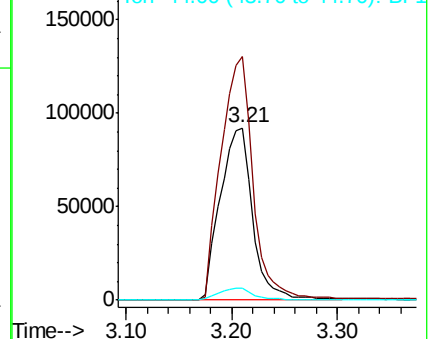
42 100

74 141.3 117.3 175.9

44 6.9 5.9 8.9



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: 93.672 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

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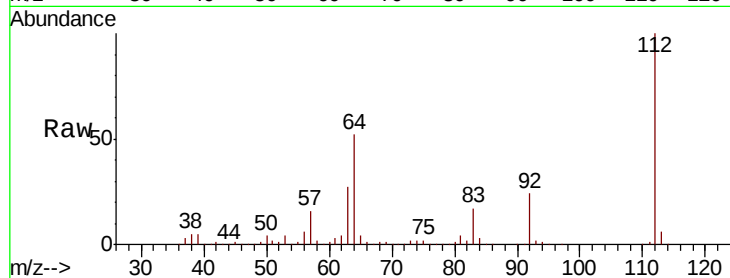
Tot Ion:112 Resp: 809081

Ion Ratio Lower Upper

112 100

64 52.3 43.9 65.9

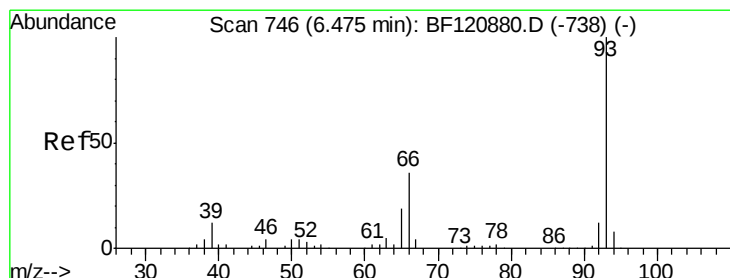
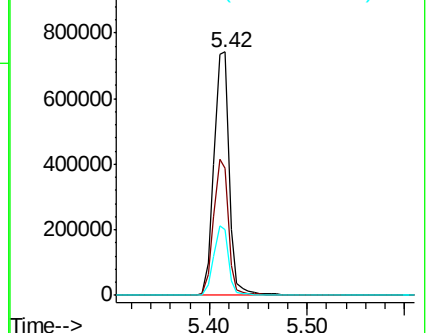
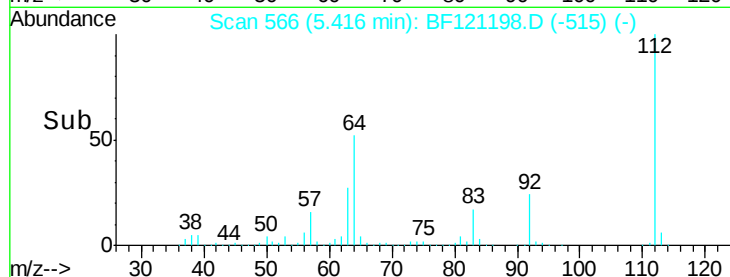
63 26.8 22.7 34.1



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: 35.197 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

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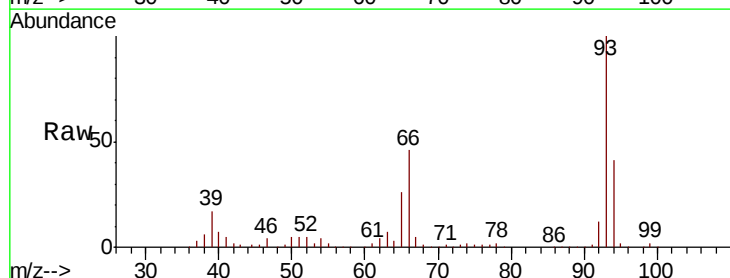
Tgt Ion: 93 Resp: 512614

Ion Ratio Lower Upper

93 100

66 46.1 31.0 46.4

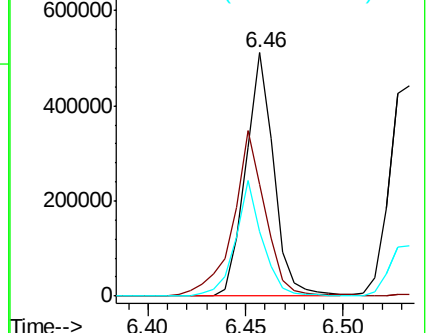
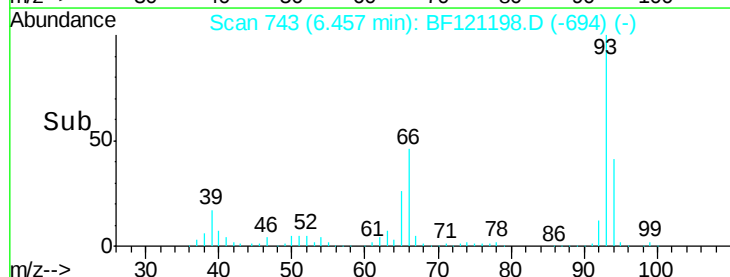
65 26.5 16.2 24.4#



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: 90.904 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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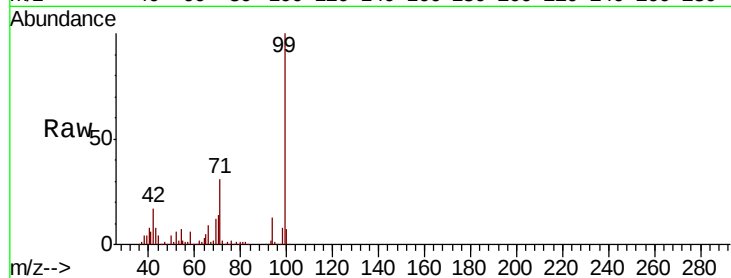
Tot Ion: 99 Resp: 1014246

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

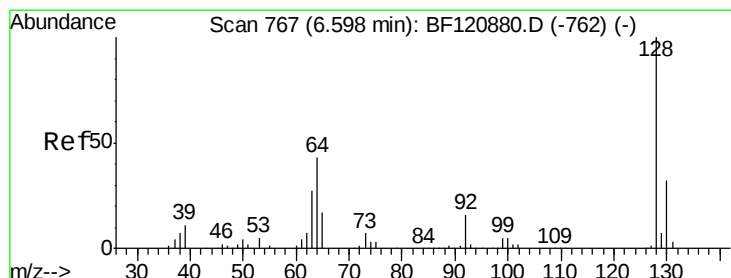
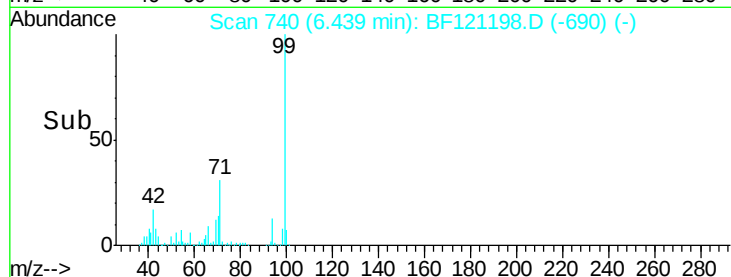
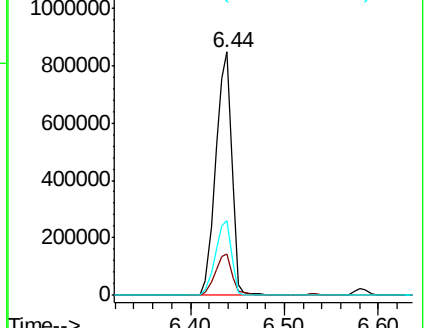
71 30.9 25.0 37.4



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: 48.478 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

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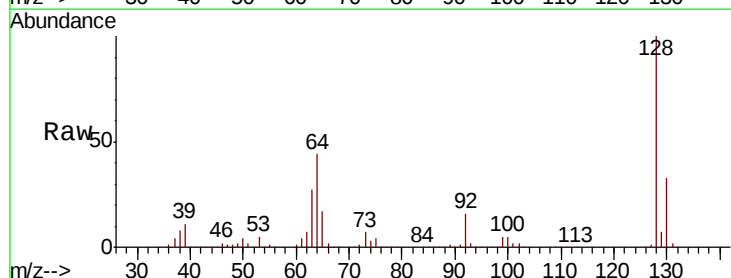
Tgt Ion: 128 Resp: 461278

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

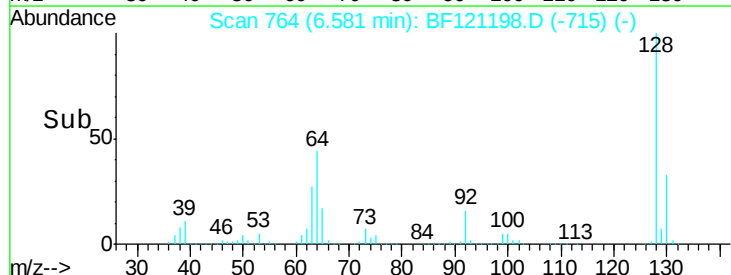
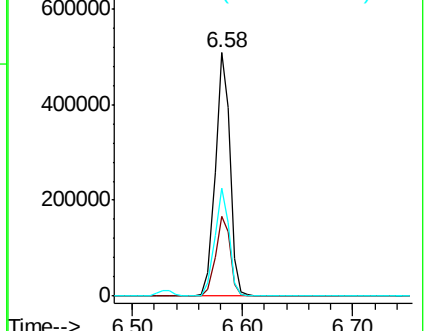
64 44.5 23.8 63.8



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: 60.093 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

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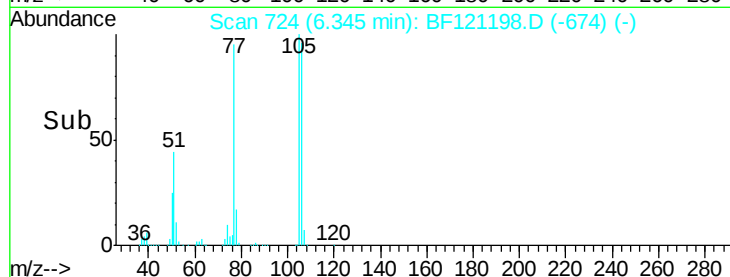
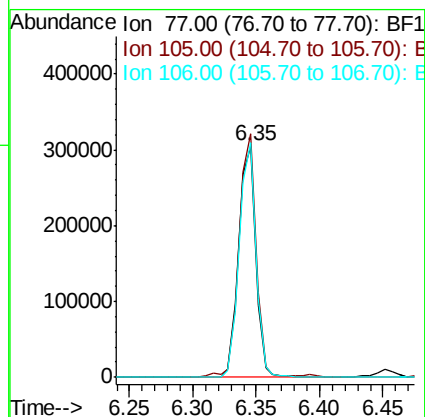
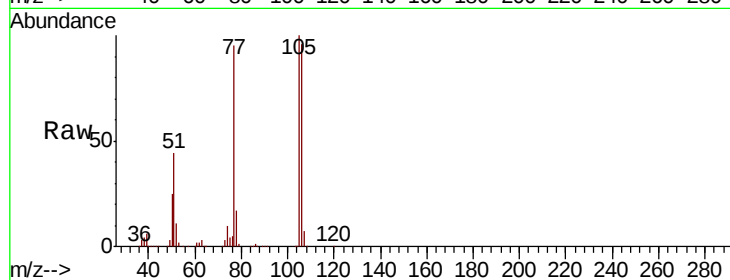
Tot Ion: 77 Resp: 284694

Ion Ratio Lower Upper

77 100

105 105.2 82.4 122.4

106 101.2 78.9 118.9



#10

Phenol

Concen: 43.755 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

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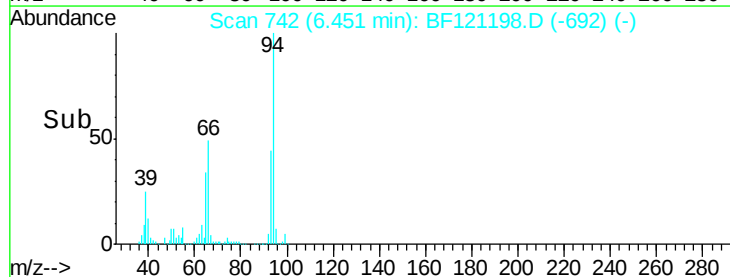
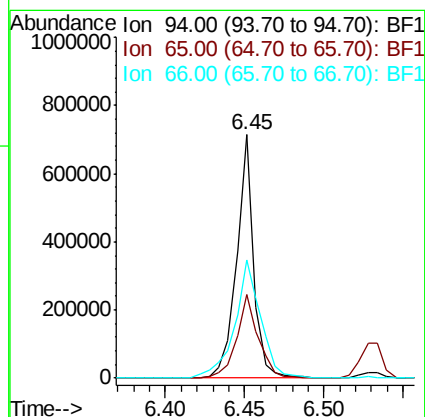
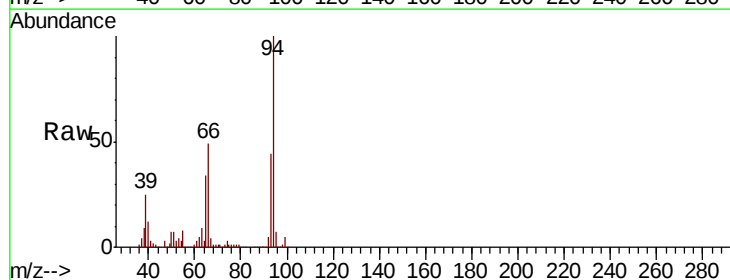
Tgt Ion: 94 Resp: 537021

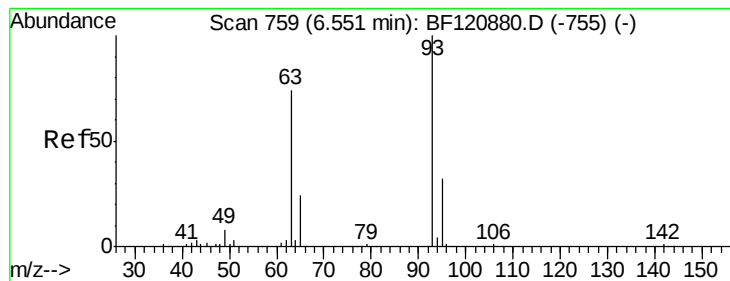
Ion Ratio Lower Upper

94 100

65 34.1 12.6 52.6

66 48.7 25.6 65.6





#11

bis(2-Chloroethyl)ether

Concen: 45.696 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

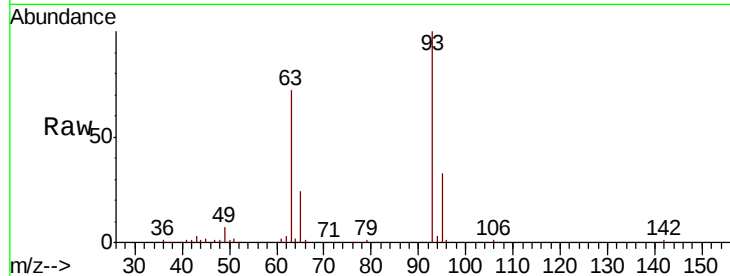
Tot Ion: 93 Resp: 429821

Ion Ratio Lower Upper

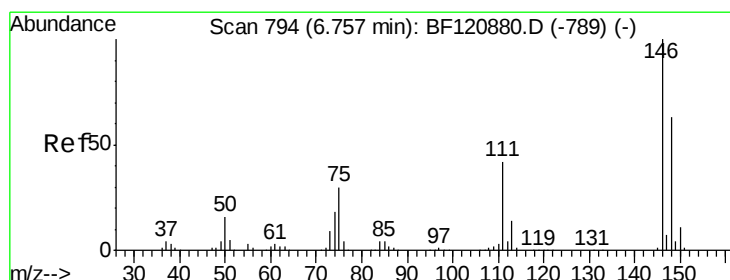
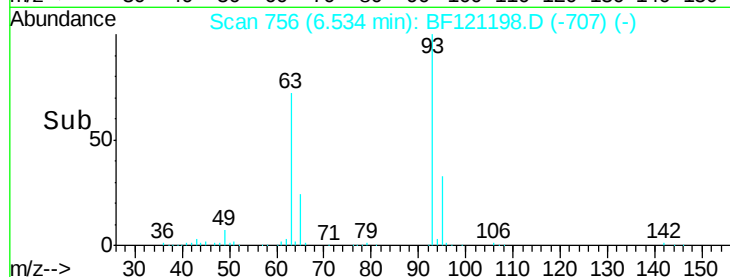
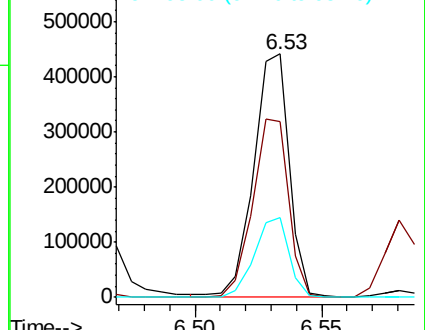
93 100

63 72.0 51.9 91.9

95 32.9 13.2 53.2



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



#12

1,3-Dichlorobenzene

Concen: 42.853 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

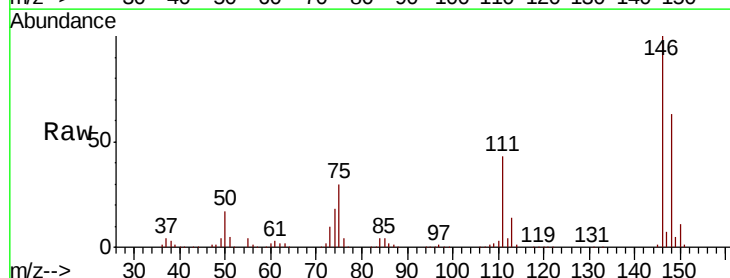
Tgt Ion: 146 Resp: 442155

Ion Ratio Lower Upper

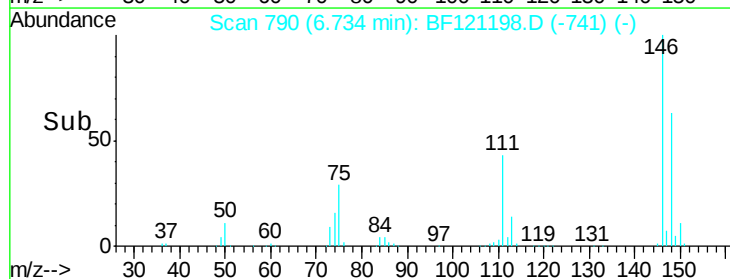
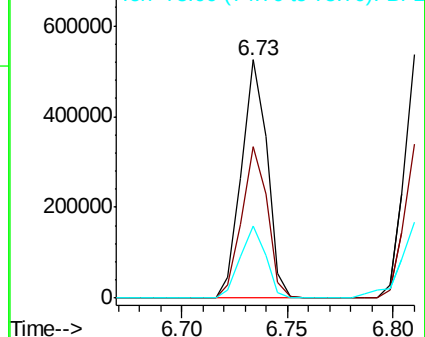
146 100

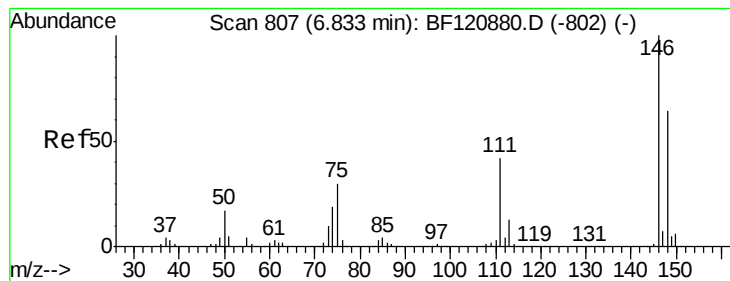
148 63.5 51.7 77.5

75 30.2 23.8 35.6



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





#13

1,4-Dichlorobenzene

Concen: 43.874 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

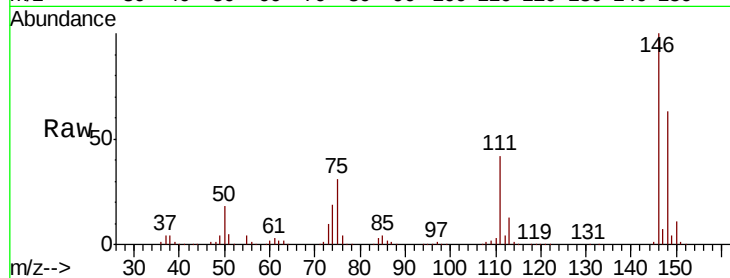
Tot Ion:146 Resp: 450139

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

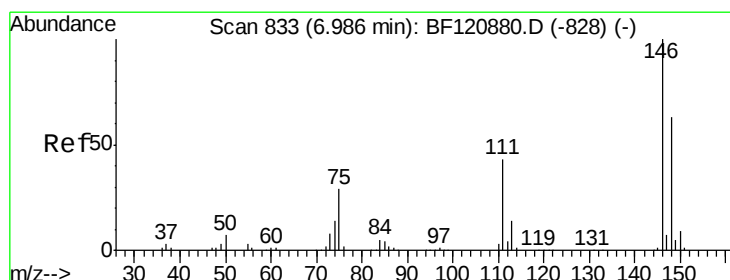
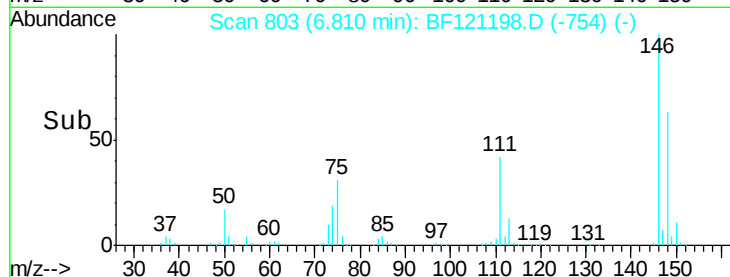
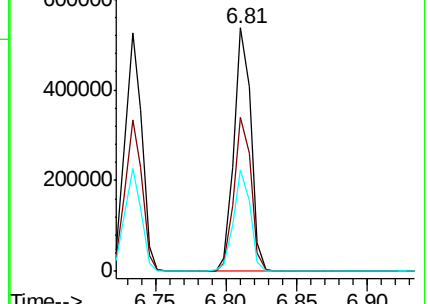
111 41.7 32.8 49.2



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: 44.829 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

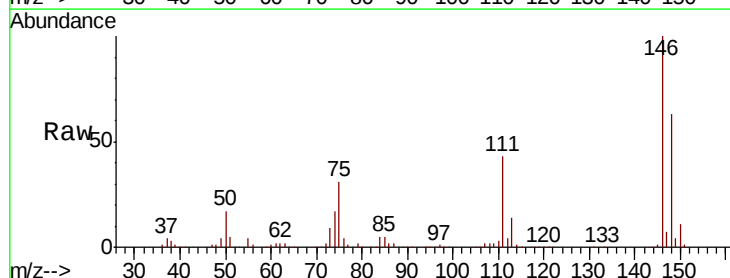
Tgt Ion:146 Resp: 435118

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

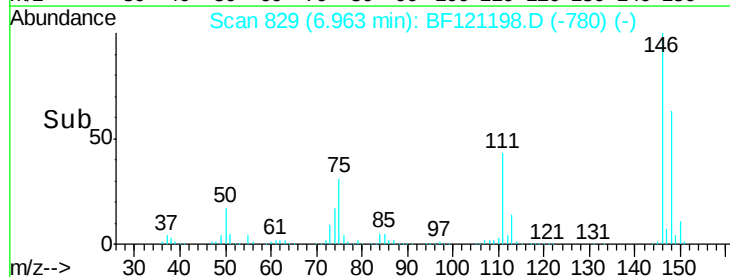
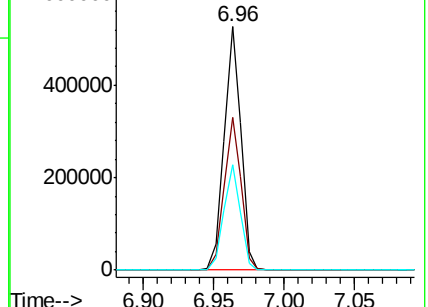
111 43.5 35.4 53.0

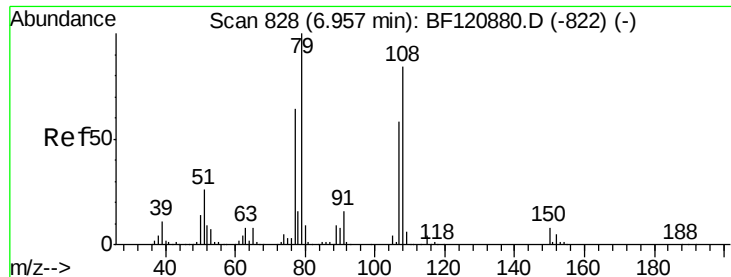


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

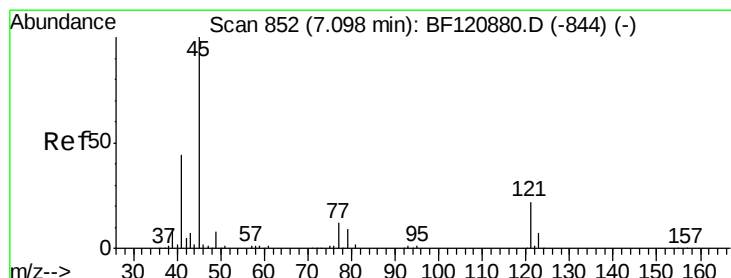
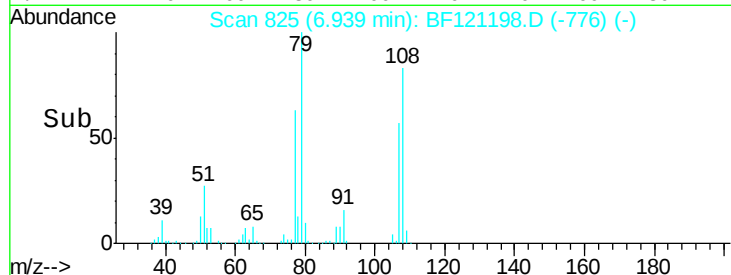
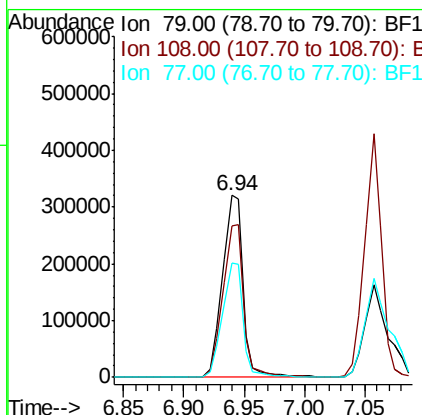
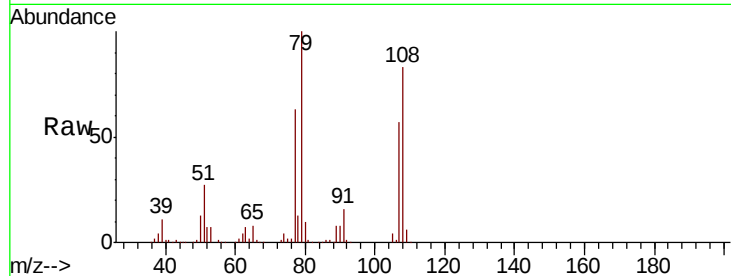




#15
Benzyl Alcohol
Concen: 48.170 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

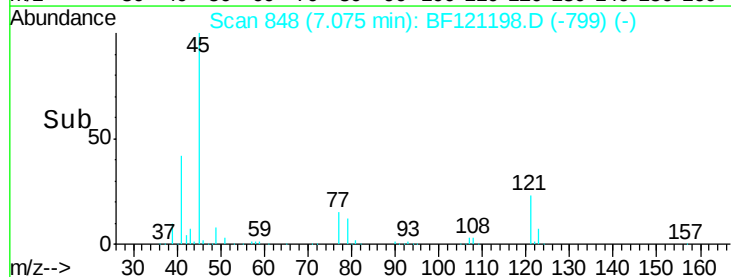
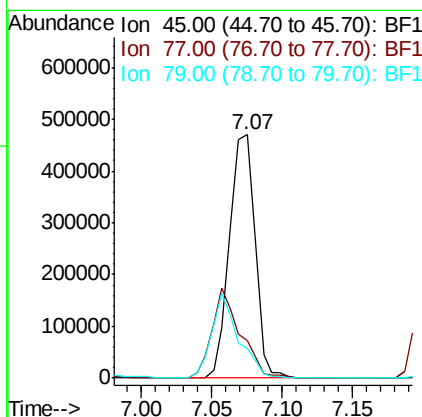
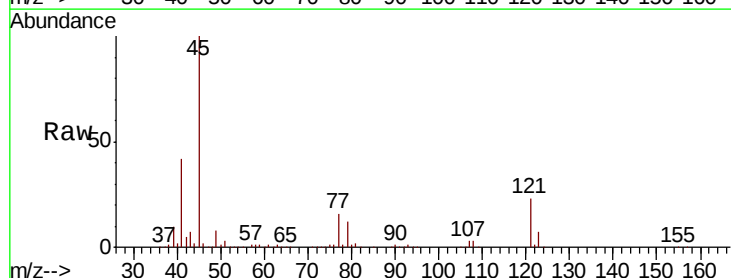
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

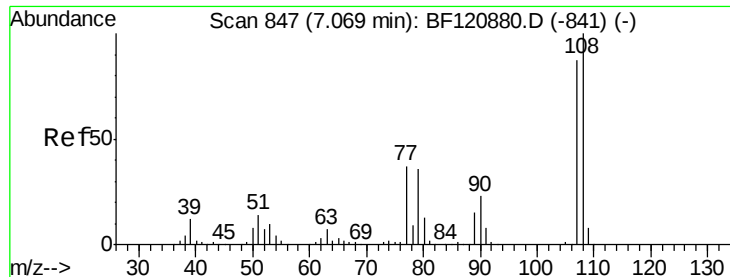
Tot Ion: 79 Resp: 380074
Ion Ratio Lower Upper
79 100
108 83.1 68.6 103.0
77 62.7 51.4 77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.019 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion: 45 Resp: 596797
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.7
79 12.3 0.0 32.0

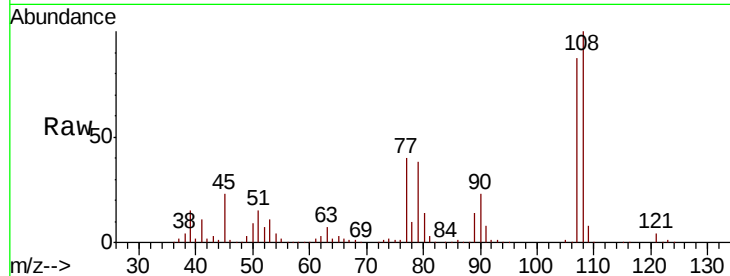




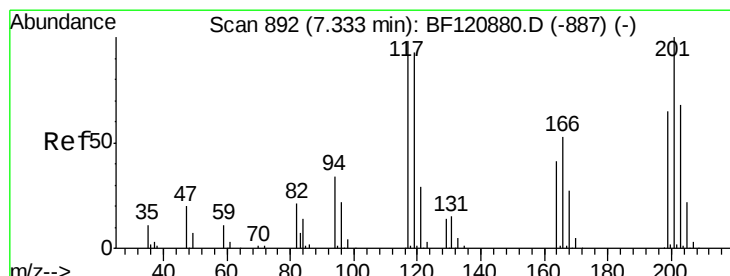
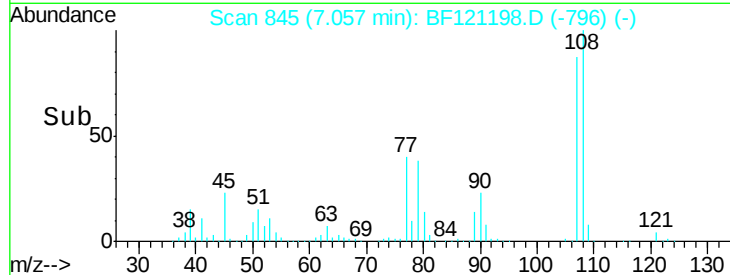
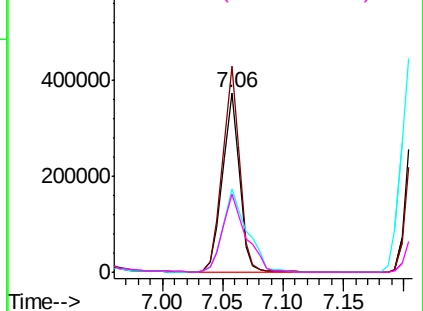
#17
2-Methylphenol
Concen: 43.630 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Tot Ion:	107	Resp:	367959
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.2	136.8
77	46.3	36.5	54.7
79	43.8	35.0	52.6

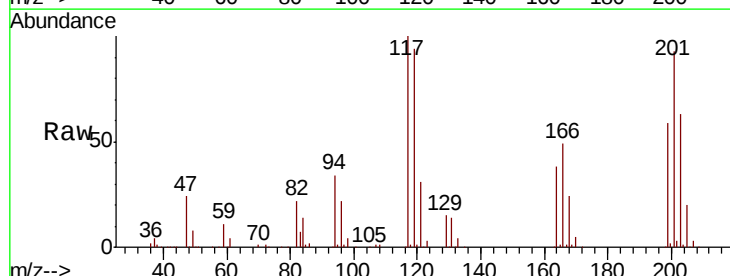


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

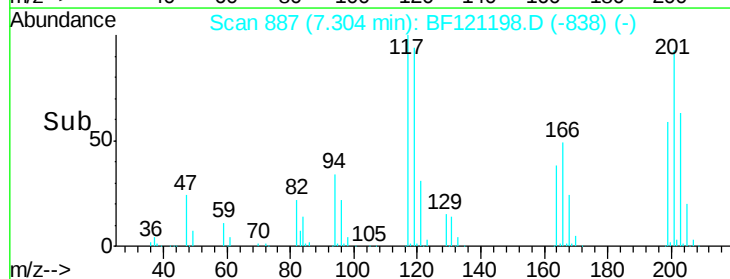
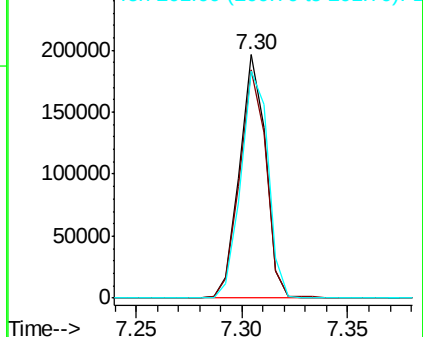


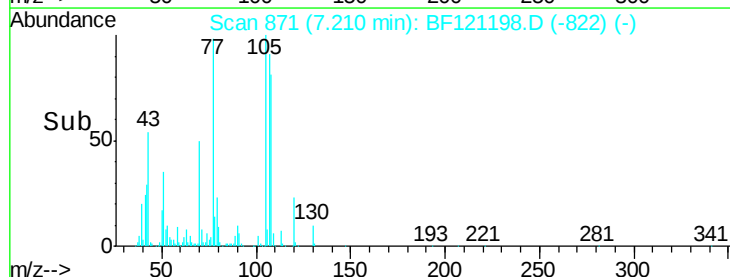
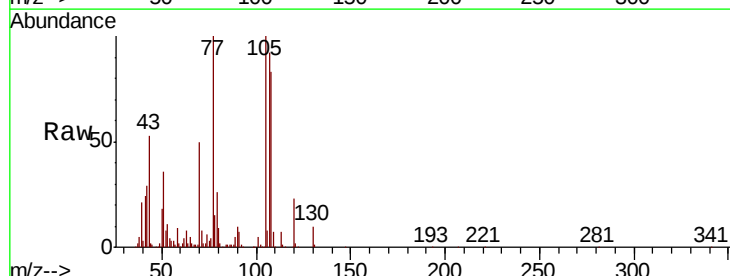
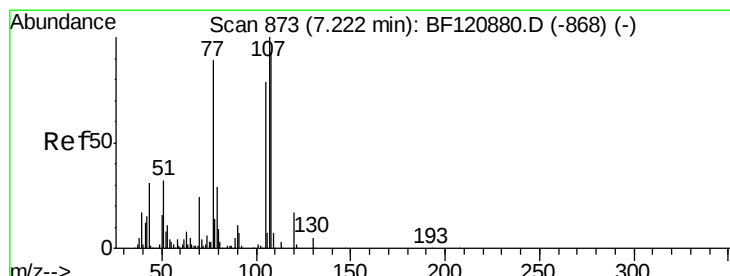
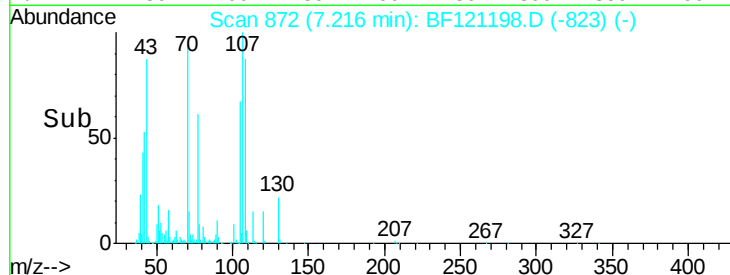
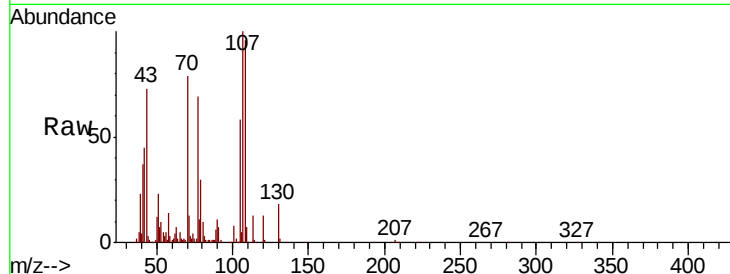
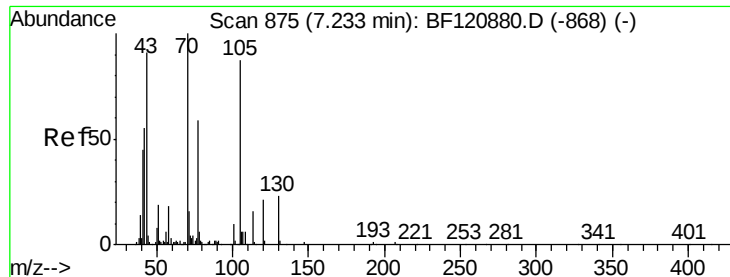
#18
Hexachloroethane
Concen: 44.829 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:	117	Resp:	166470
Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.6	114.8
201	93.0	75.0	112.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

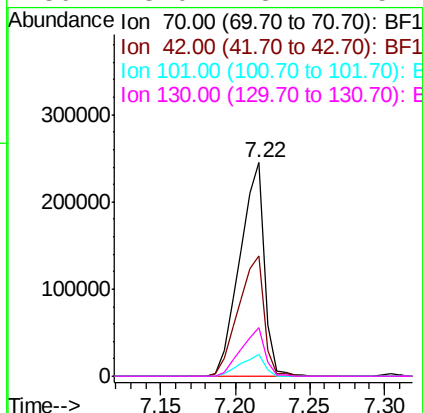




#19
n-Nitroso-di-n-propylamine
Concen: 44.249 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

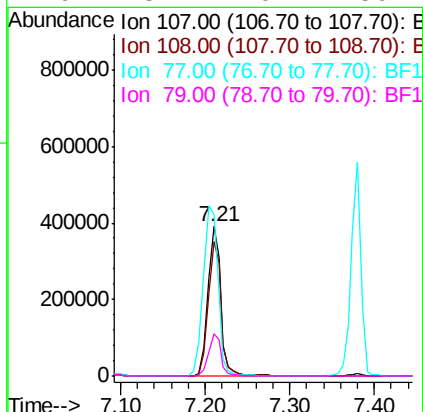
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

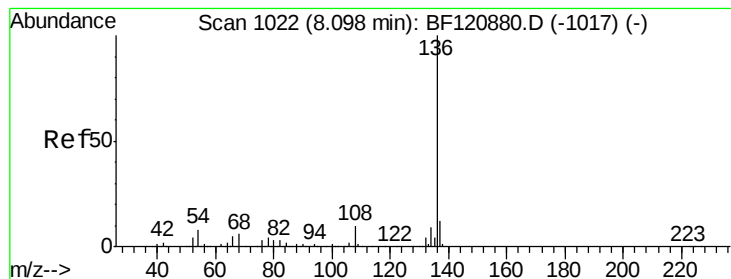
Tot Ion:	70	Resp:	280738
Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.3	64.9
101	10.0	8.4	12.6
130	23.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 38.794 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:	107	Resp:	416199
Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.7	113.7
77	108.2	84.9	124.9
79	28.1	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

Tot Ion:136 Resp: 555531

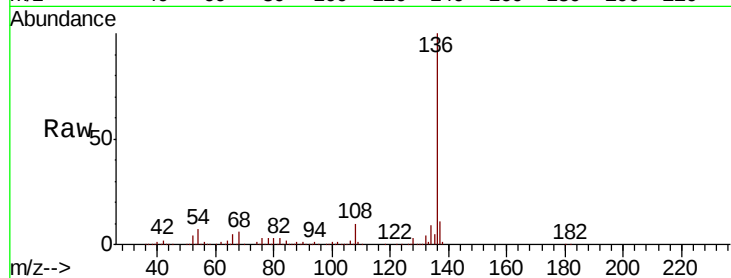
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.1 6.1 9.1

68 5.7 5.0 7.6

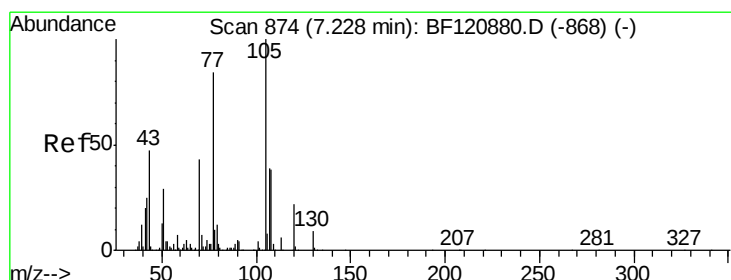
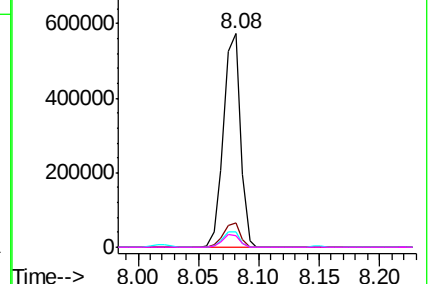
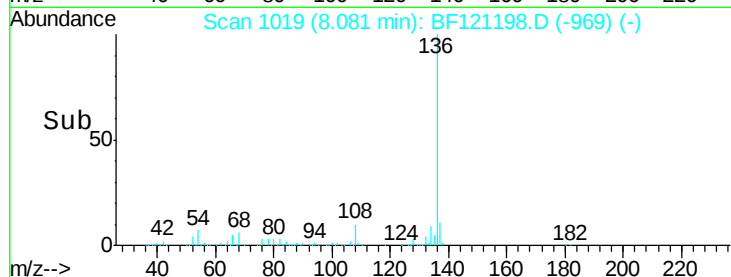


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.184 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Tgt Ion:105 Resp: 563345

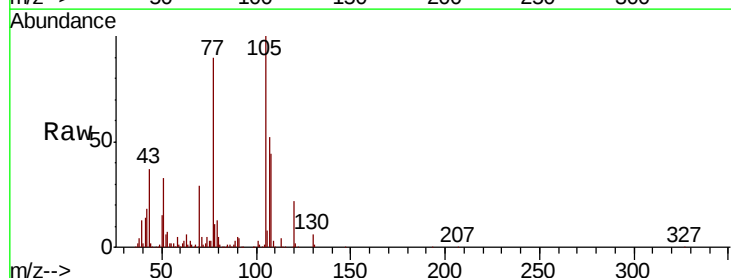
Ion Ratio Lower Upper

105 100

71 4.8 3.8 5.8

51 33.0 28.0 42.0

120 22.5 17.8 26.6

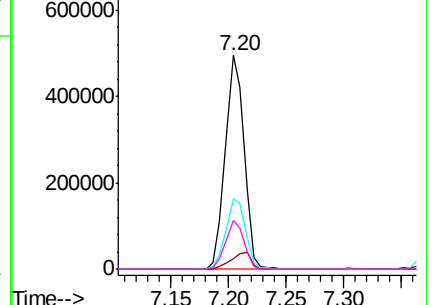
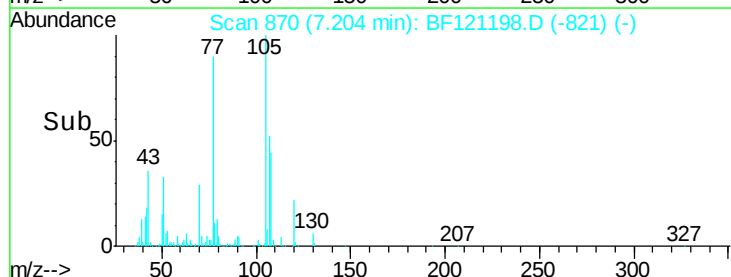


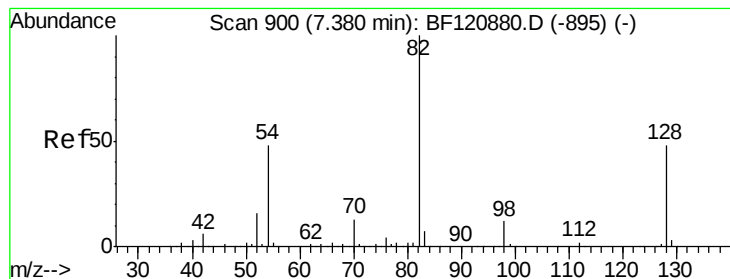
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 69.987 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

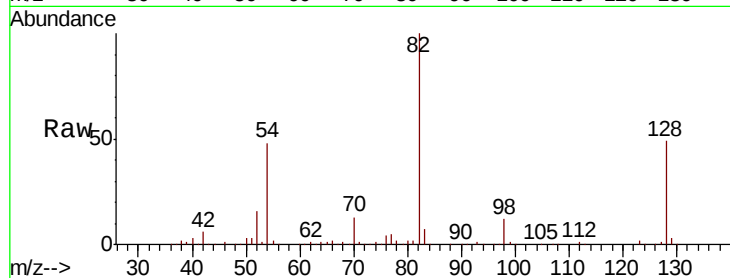
Tot Ion: 82 Resp: 671929

Ion Ratio Lower Upper

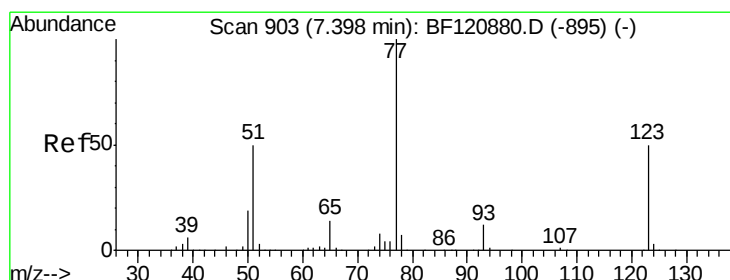
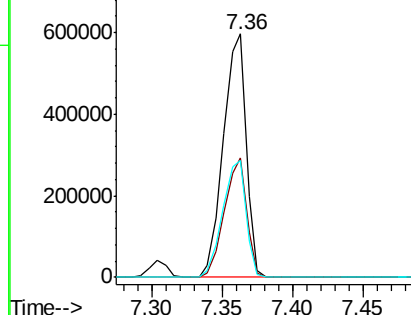
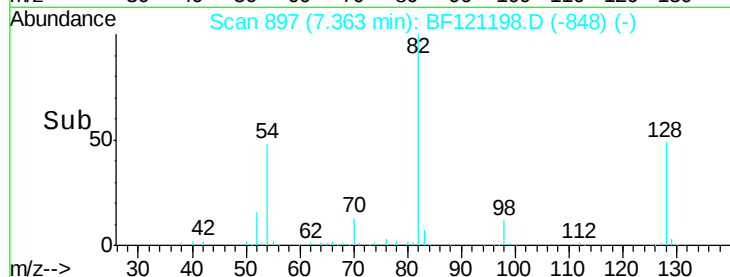
82 100

128 48.9 39.2 58.8

54 48.2 37.8 56.8



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: 44.510 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

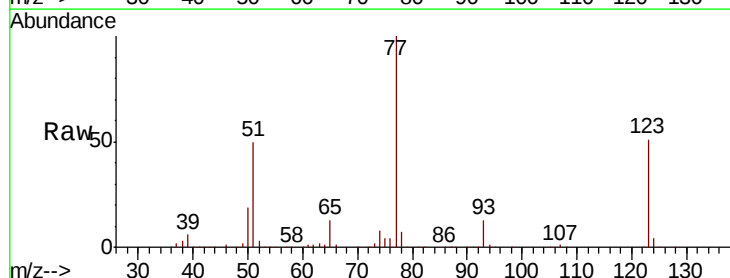
Tgt Ion: 77 Resp: 460575

Ion Ratio Lower Upper

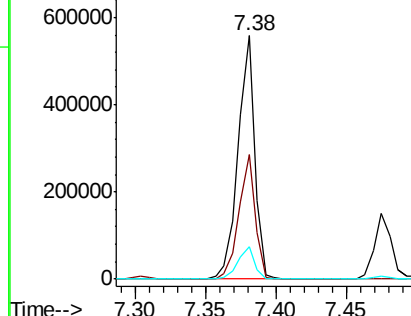
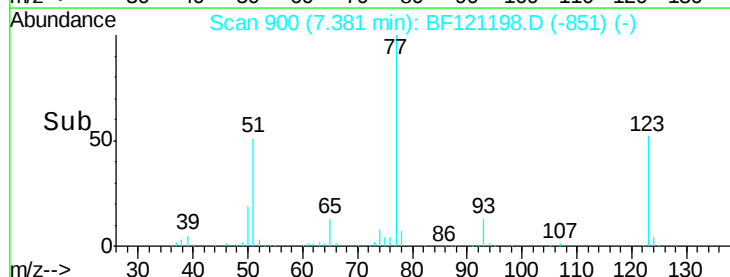
77 100

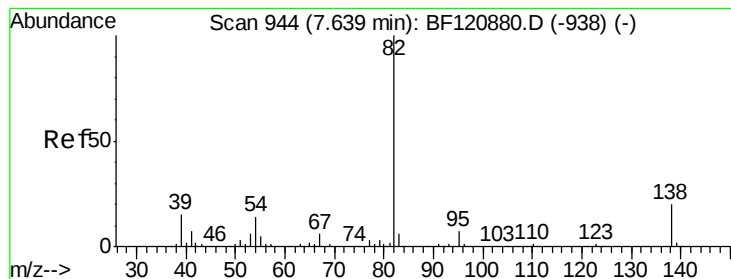
123 51.4 41.0 61.6

65 13.4 10.3 15.5



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: 45.511 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

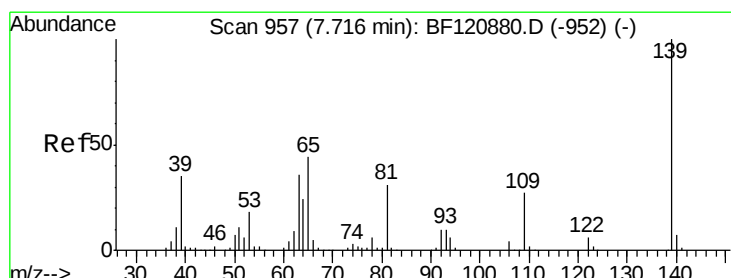
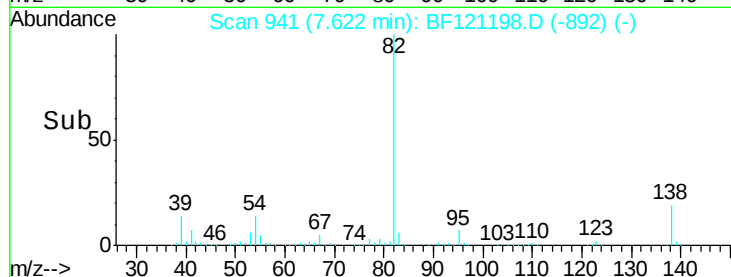
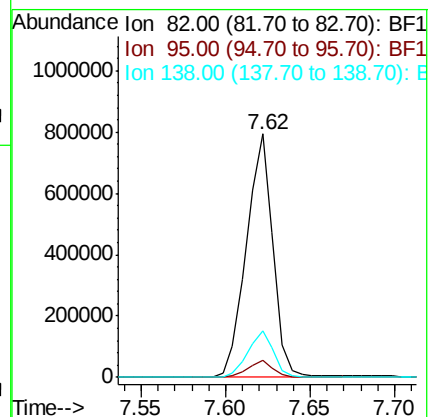
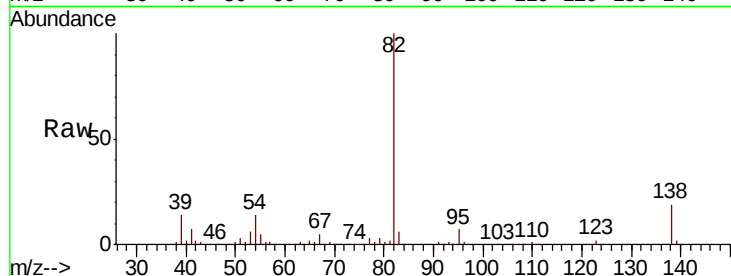
Tot Ion: 82 Resp: 872031

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.9 16.2 24.2



#26

2-Nitrophenol

Concen: 51.302 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

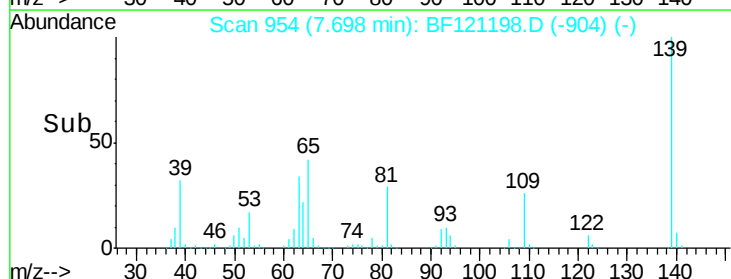
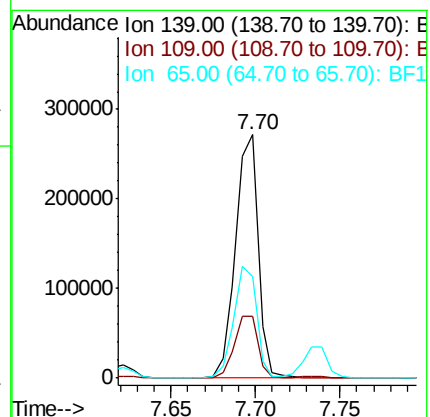
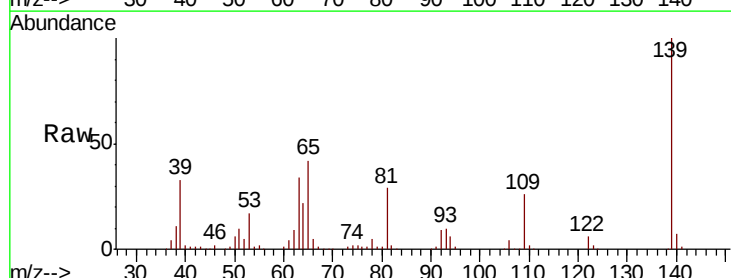
Tgt Ion: 139 Resp: 252121

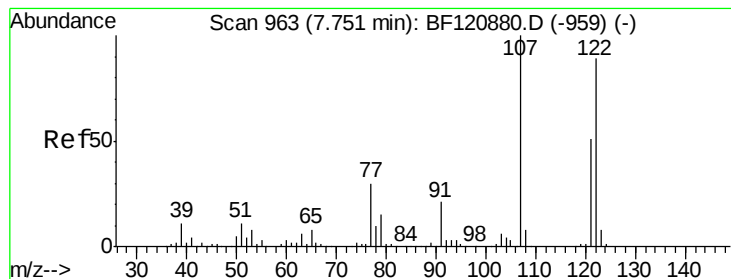
Ion Ratio Lower Upper

139 100

109 25.5 21.7 32.5

65 41.9 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 49.066 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

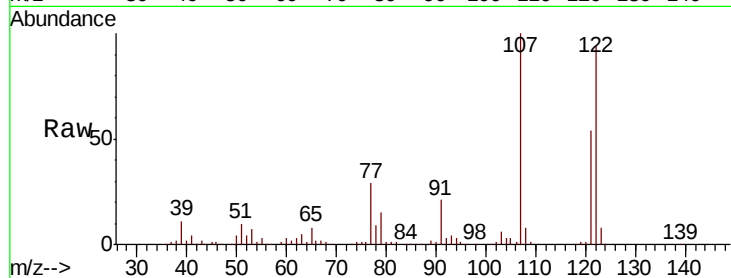
Tot Ion:122 Resp: 391504

Ion Ratio Lower Upper

122 100

107 106.6 87.1 130.7

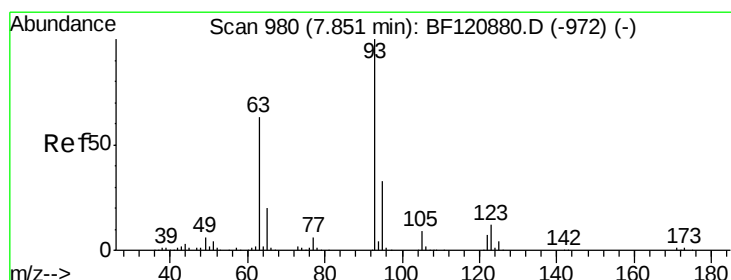
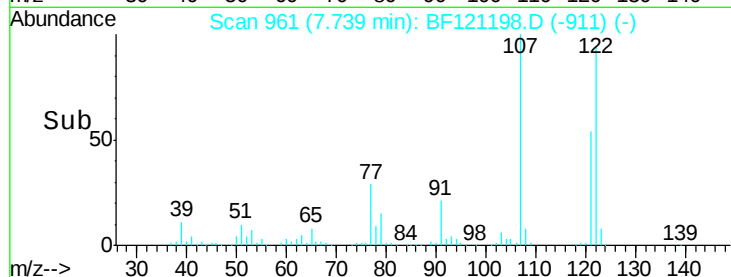
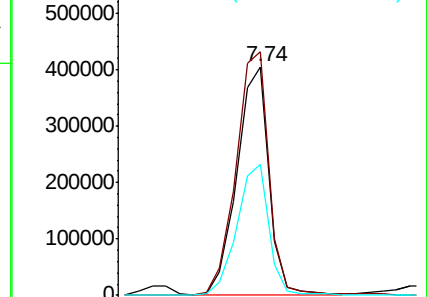
121 57.4 45.5 68.3



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: 47.084 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

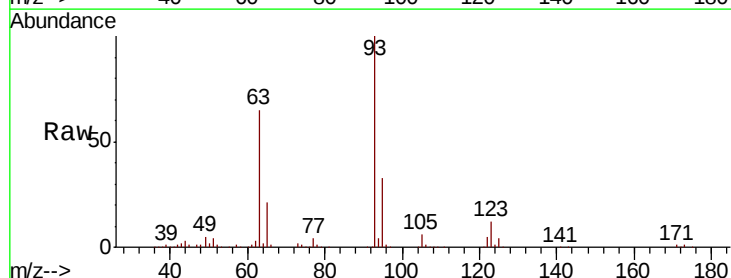
Tgt Ion: 93 Resp: 550705

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

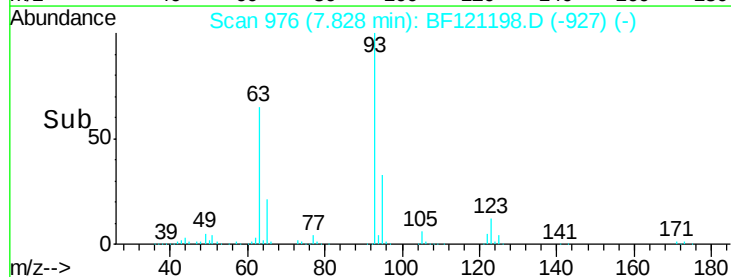
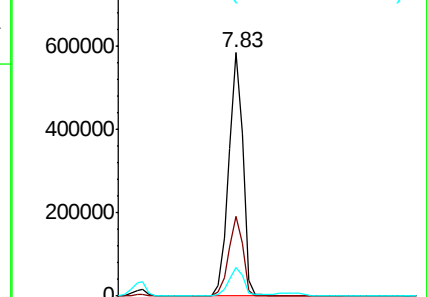
123 11.8 9.5 14.3

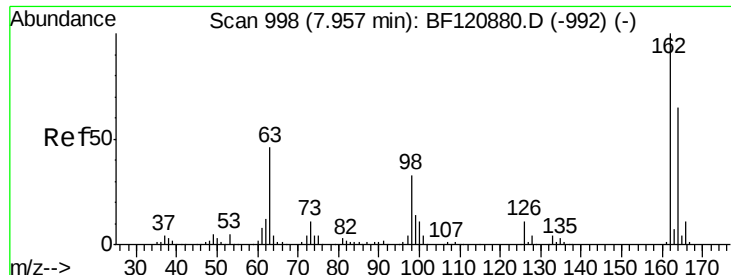


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

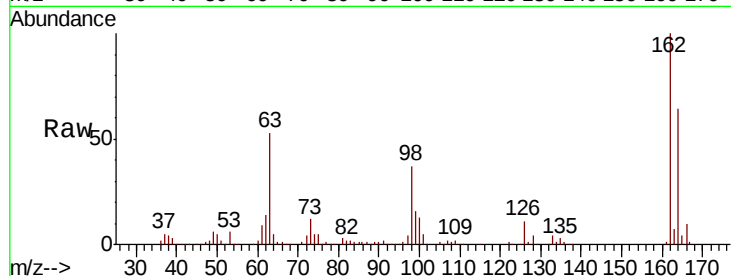




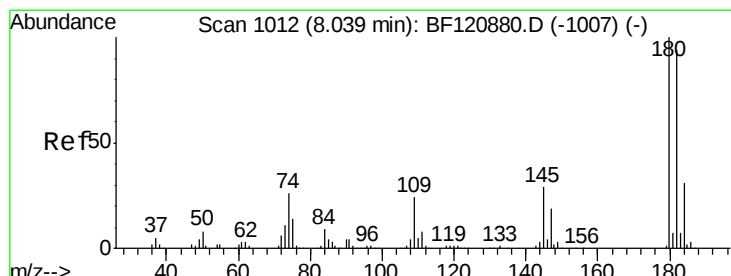
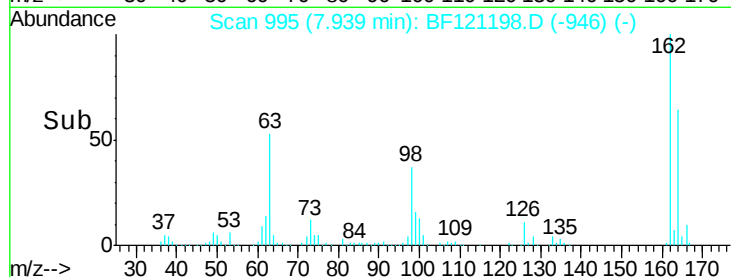
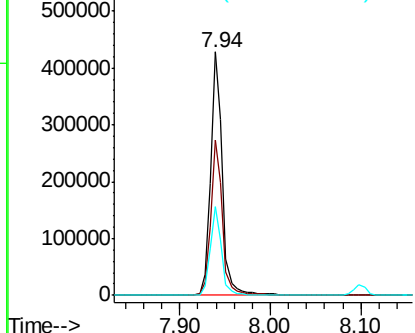
#29
 2,4-Dichlorophenol
 Concen: 47.856 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.7	84.7
98	36.6	14.2	54.2

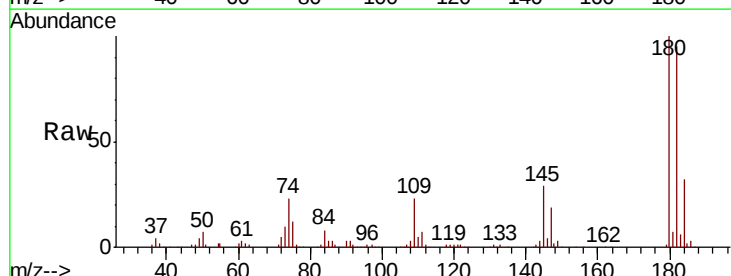


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

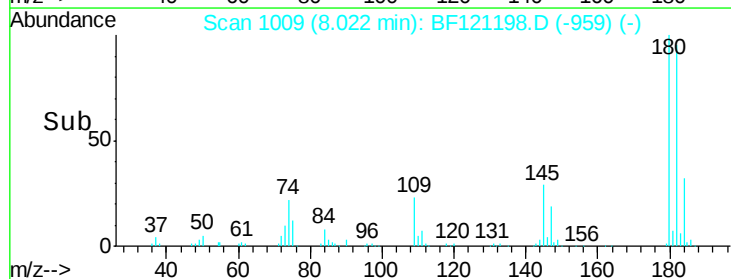
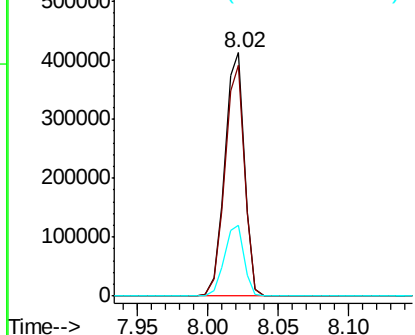


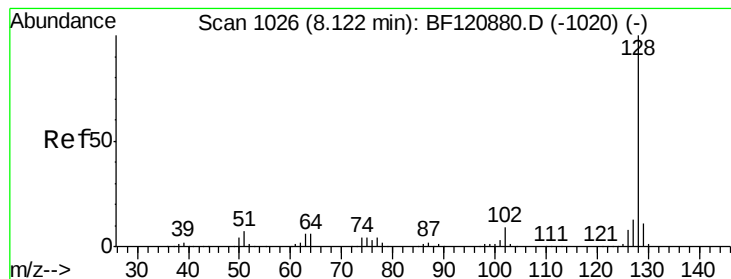
#30
 1,2,4-Trichlorobenzene
 Concen: 44.317 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	28.9	24.2	36.4



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: 43.562 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

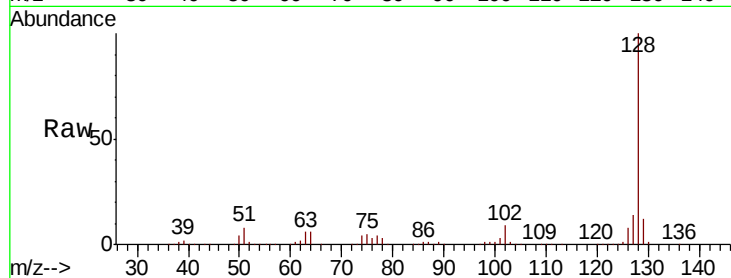
Tot Ion:128 Resp: 1241342

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

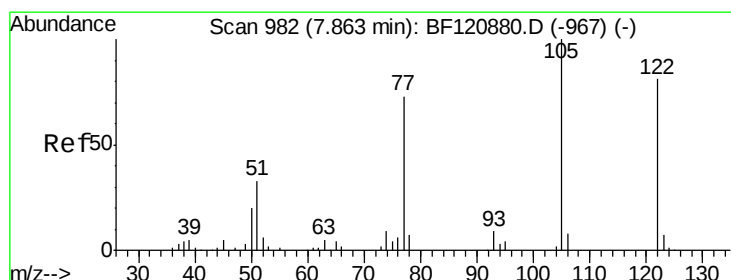
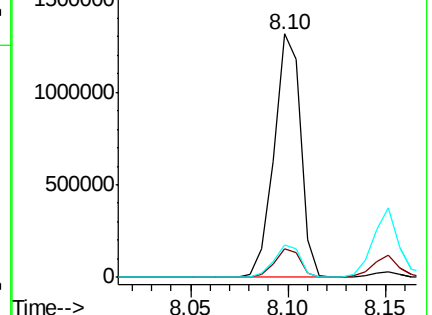
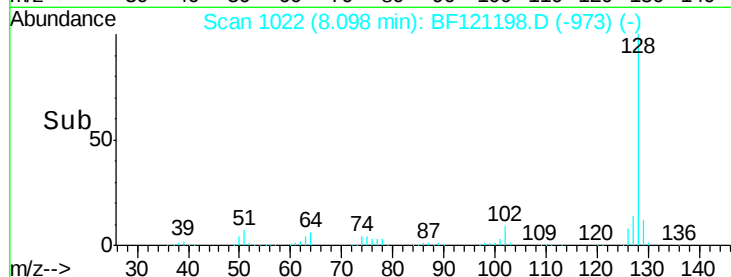
127 13.5 10.8 16.2



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: 51.417 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

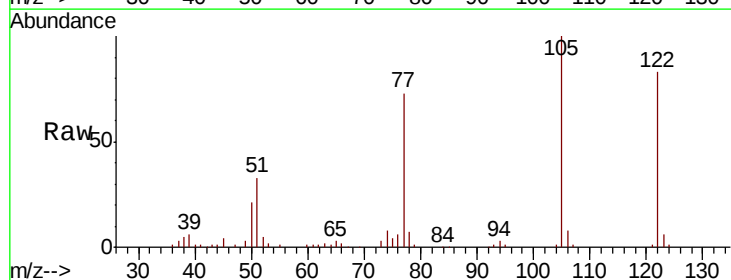
Tgt Ion:122 Resp: 307975

Ion Ratio Lower Upper

122 100

105 120.0 100.9 140.9

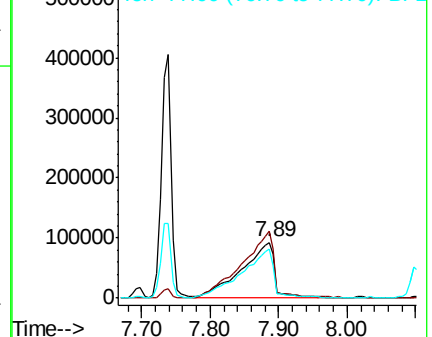
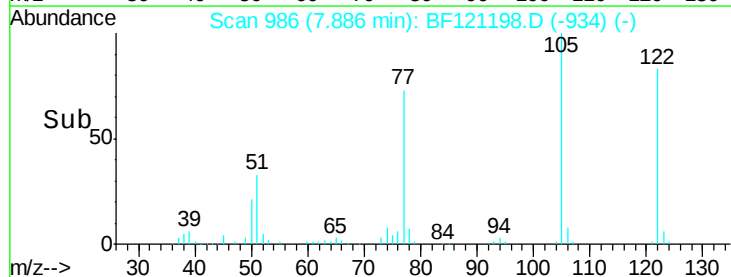
77 87.7 67.8 107.8

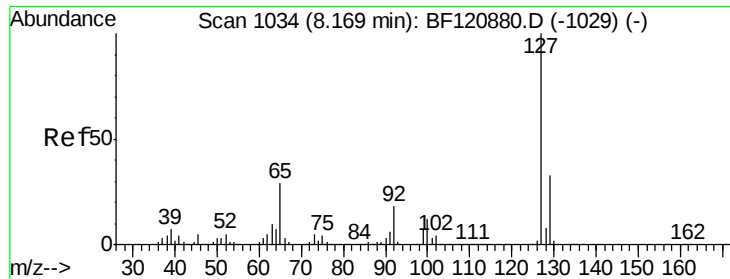


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

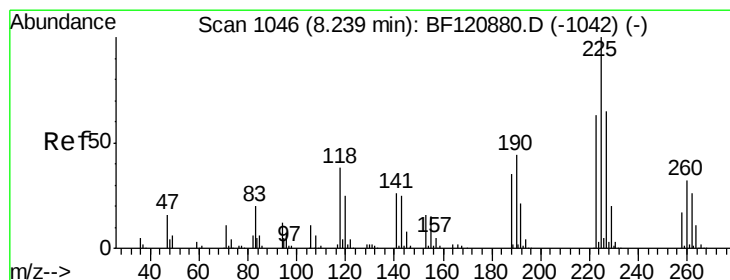
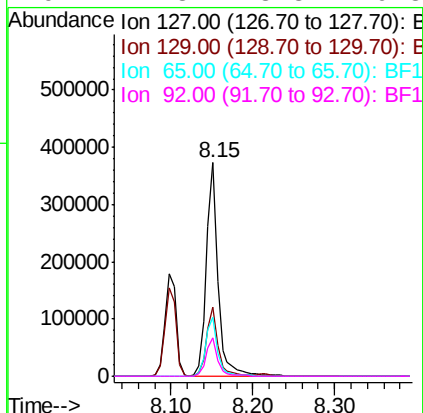
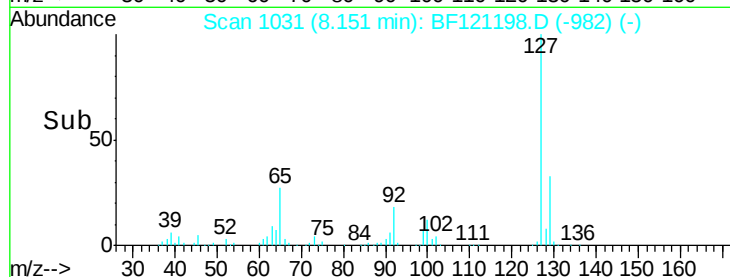
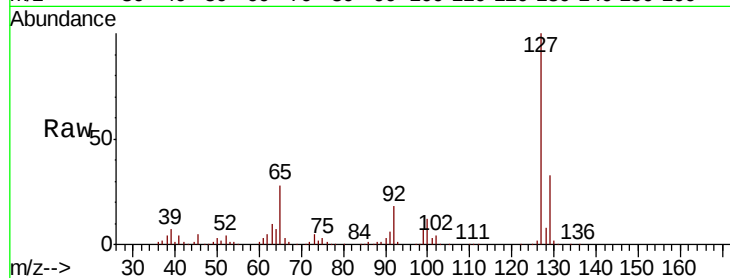




#33
4-Chloroaniline
Concen: 29.184 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

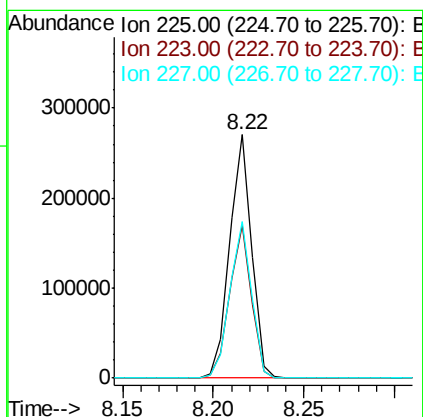
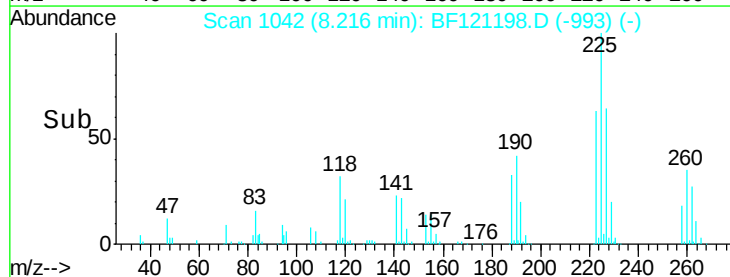
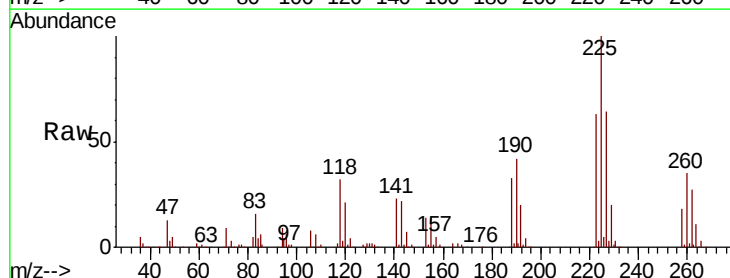
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

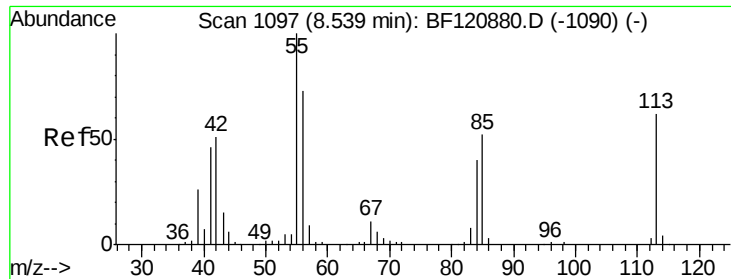
Tot Ion:	127	Resp:	370983
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.8	21.4	32.0
92	17.8	13.8	20.8



#34
Hexachlorobutadiene
Concen: 42.825 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:	225	Resp:	228375
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	64.3	51.4	77.0

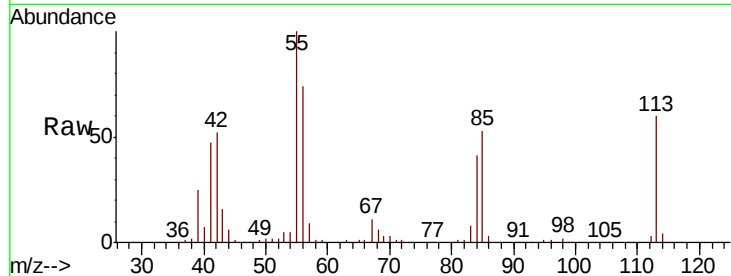




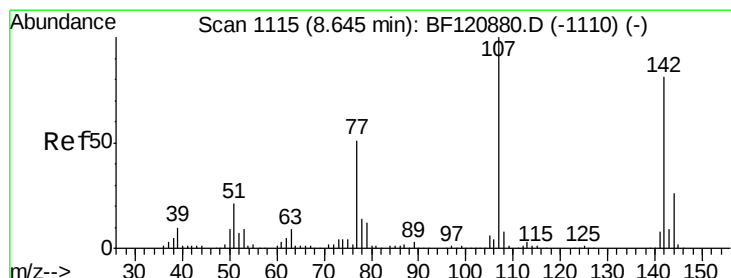
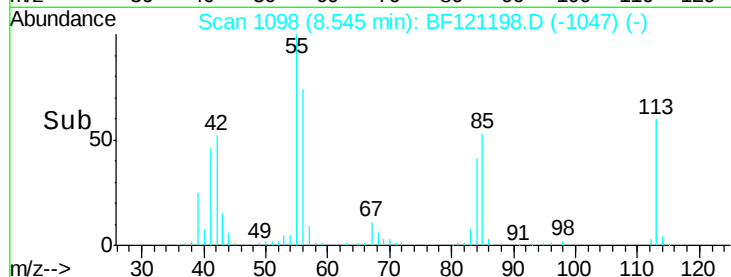
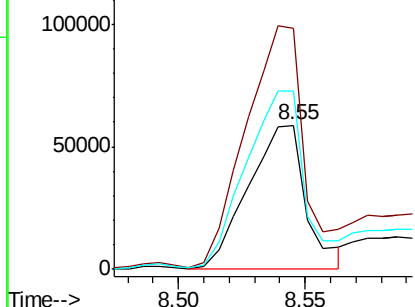
#35
Caprolactam
Concen: 35.864 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Instrument :
BNA_F
ClientSampled :
COMP-CDMS

Tot Ion:113 Resp: 93775
Ion Ratio Lower Upper
113 100
55 167.3 131.0 171.0
56 123.5 90.4 130.4

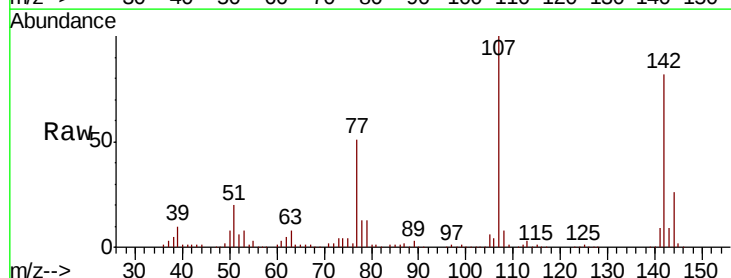


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

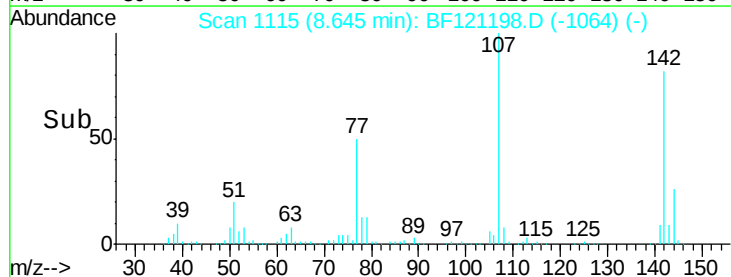
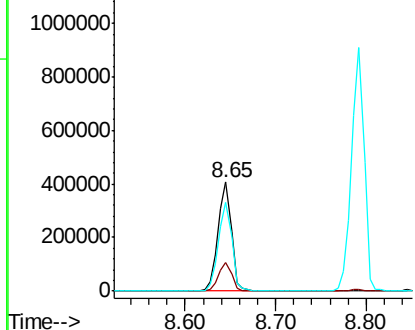


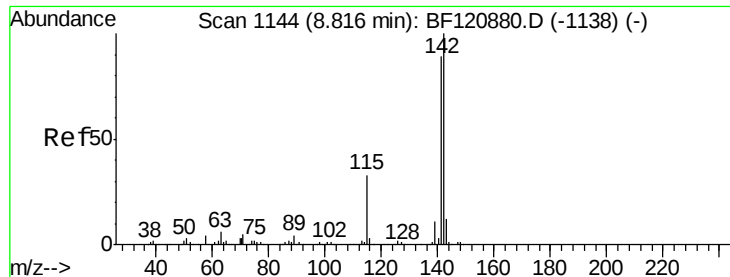
#36
4-Chloro-3-methylphenol
Concen: 49.641 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:107 Resp: 415107
Ion Ratio Lower Upper
107 100
144 26.5 20.9 31.3
142 81.9 64.5 96.7



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

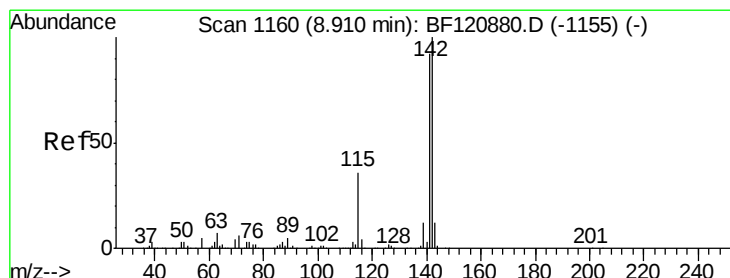
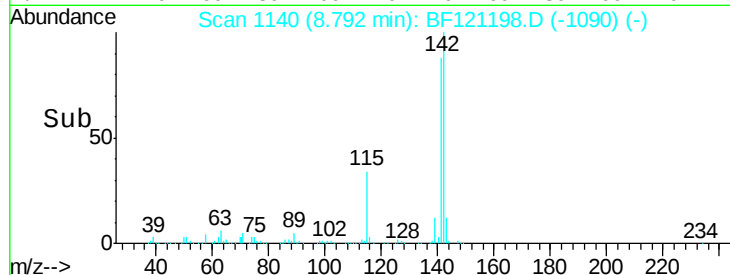
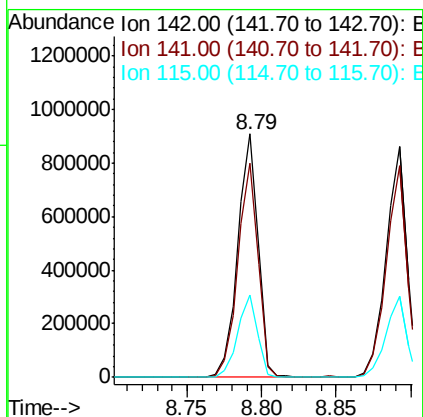
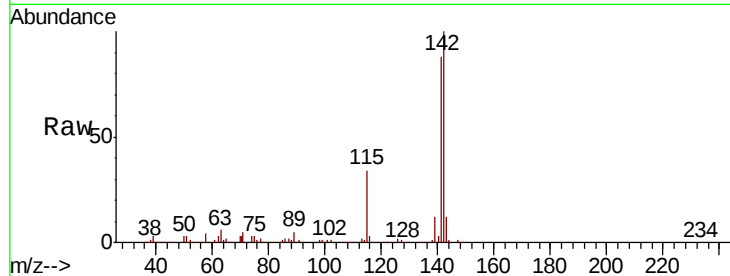




#37
2-Methylnaphthalene
Concen: 46.824 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

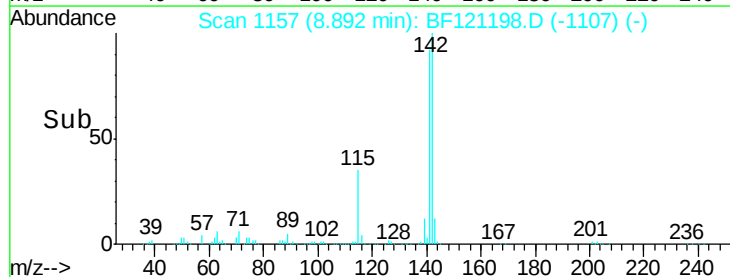
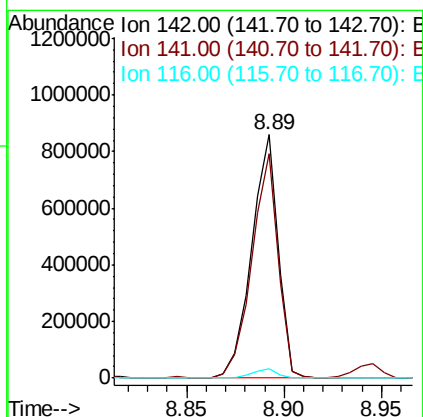
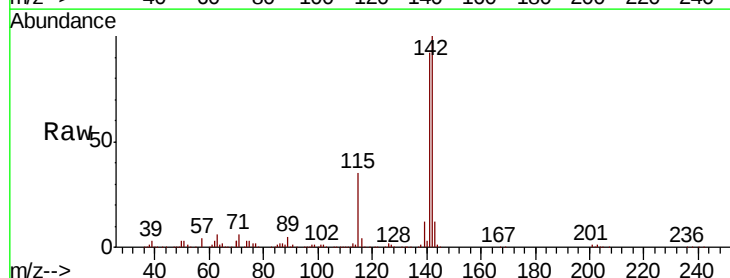
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

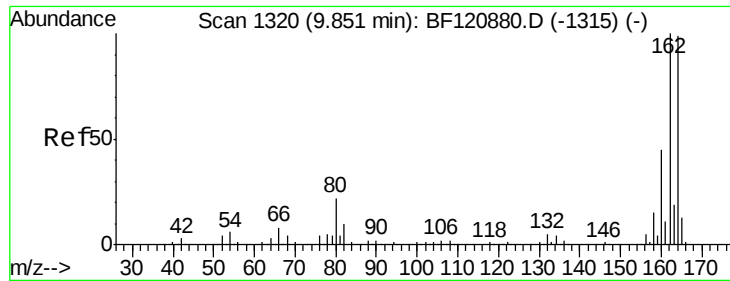
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	33.9	27.1	40.7



#38
1-Methylnaphthalene
Concen: 46.021 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

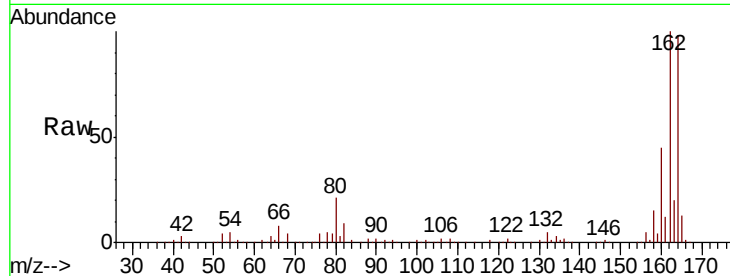
Tot Ion:164 Resp: 295027

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

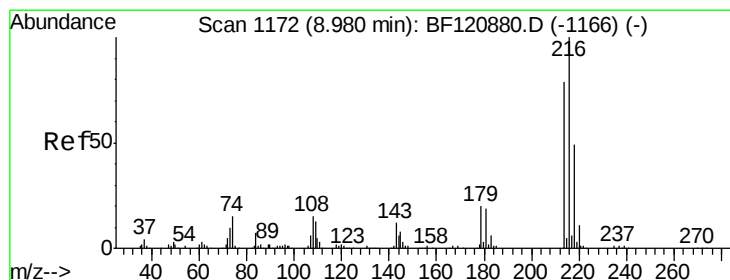
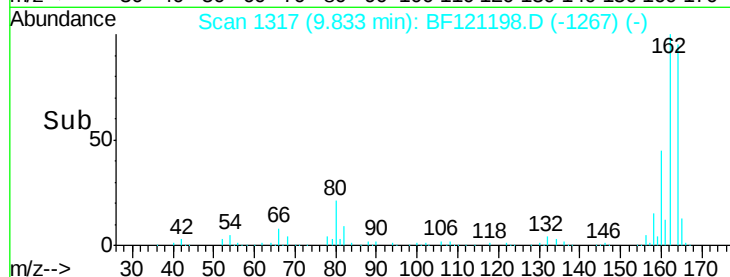
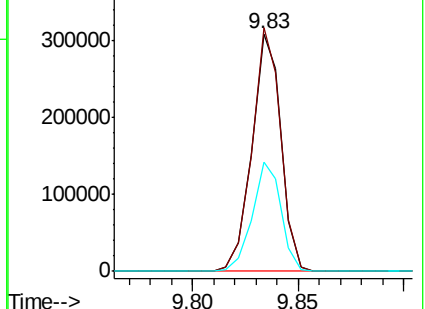
160 46.0 37.2 55.8



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: 46.498 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Tgt Ion:216 Resp: 399692

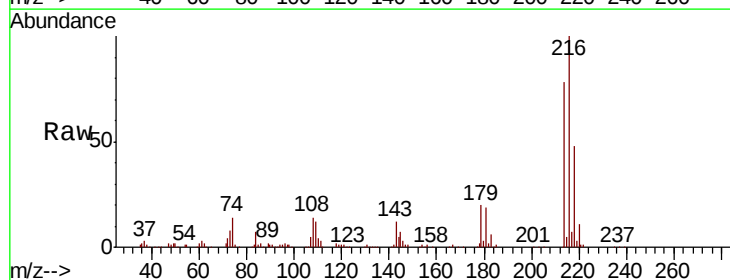
Ion Ratio Lower Upper

216 100

214 79.5 63.9 95.9

179 20.9 16.6 24.8

108 19.9 15.0 22.4

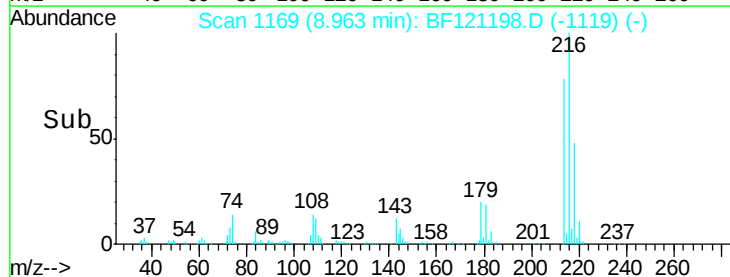
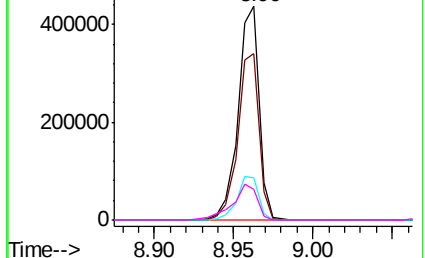


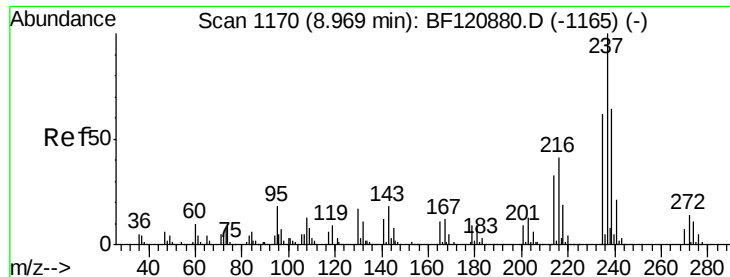
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.806 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

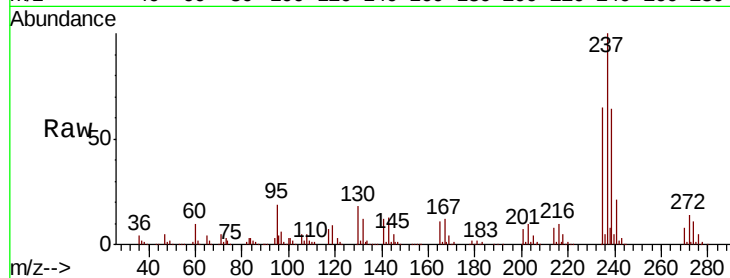
Tot Ion:237 Resp: 388638

Ion Ratio Lower Upper

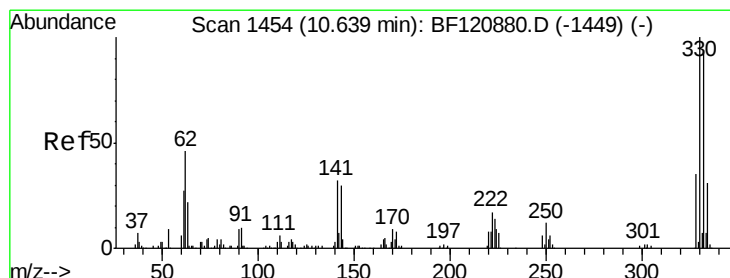
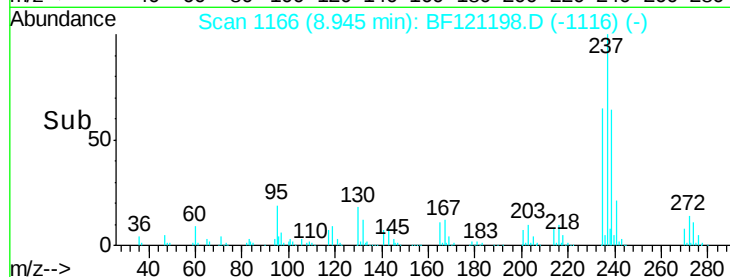
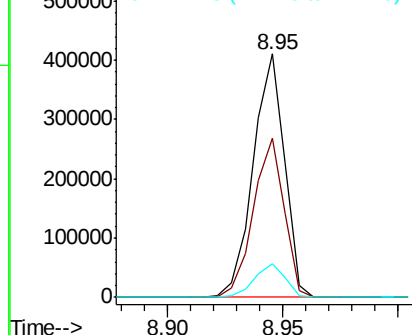
237 100

235 65.4 43.2 83.2

272 13.9 0.0 33.6



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: 99.945 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

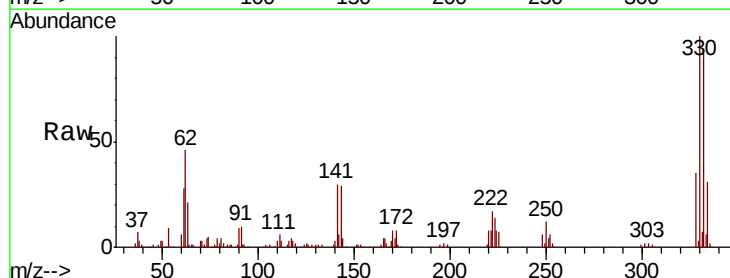
Tgt Ion:330 Resp: 322758

Ion Ratio Lower Upper

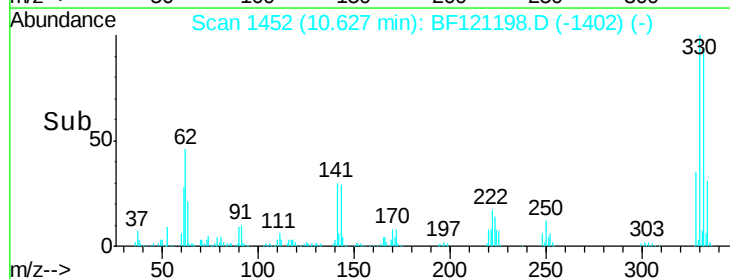
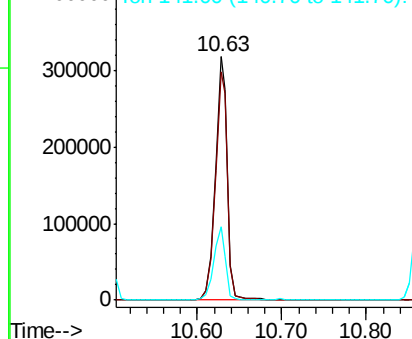
330 100

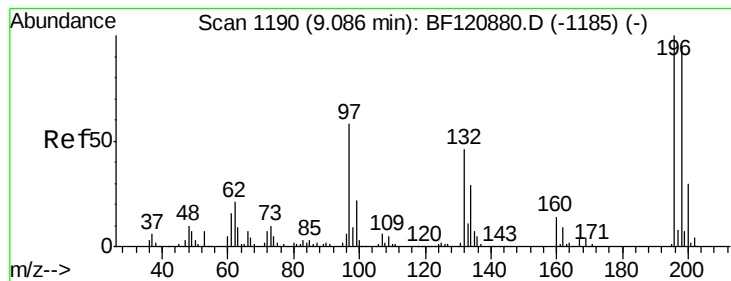
332 95.4 76.1 114.1

141 29.7 24.1 36.1



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: 47.854 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

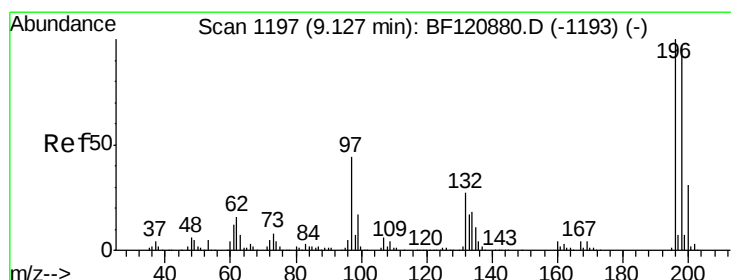
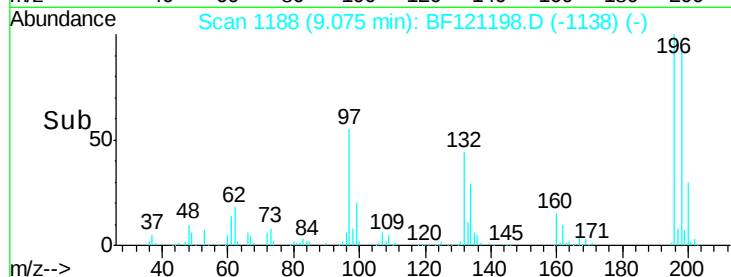
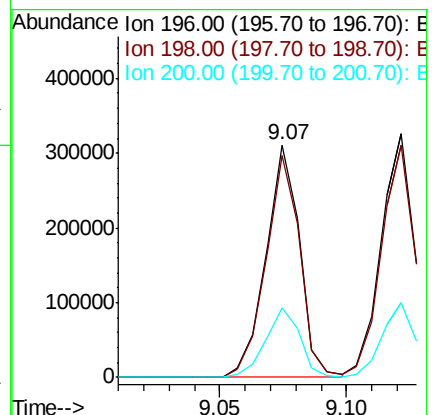
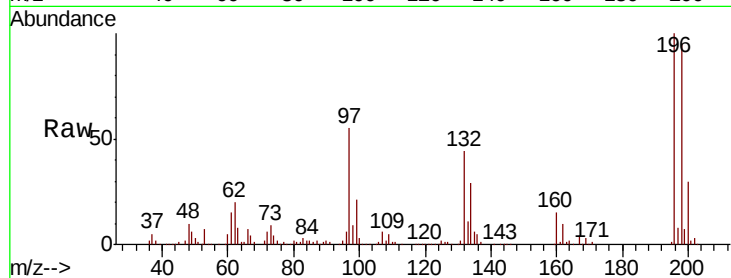
Tot Ion:196 Resp: 289625

Ion Ratio Lower Upper

196 100

198 95.4 77.5 116.3

200 29.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.574 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Tgt Ion:196 Resp: 312877

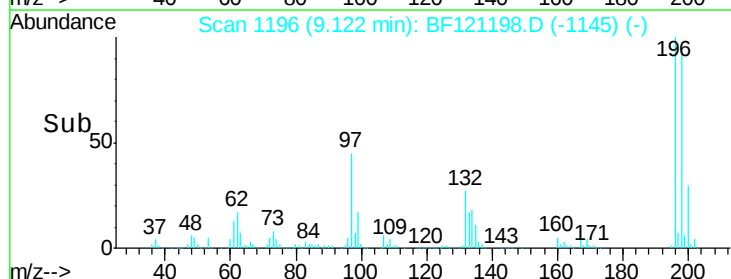
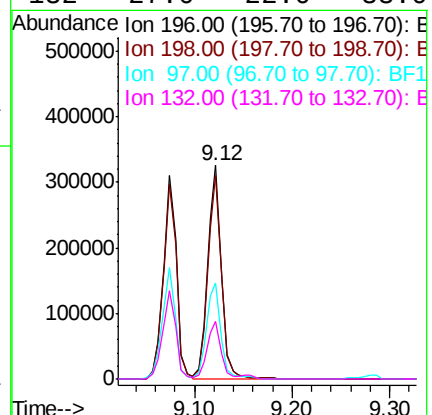
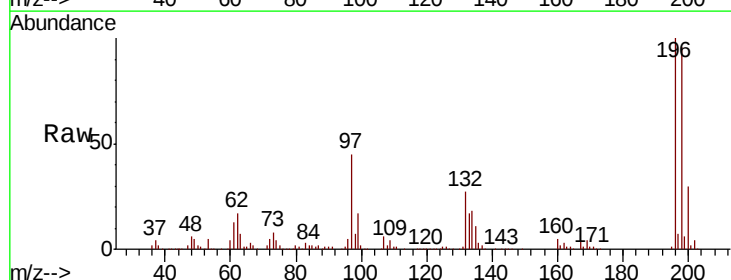
Ion Ratio Lower Upper

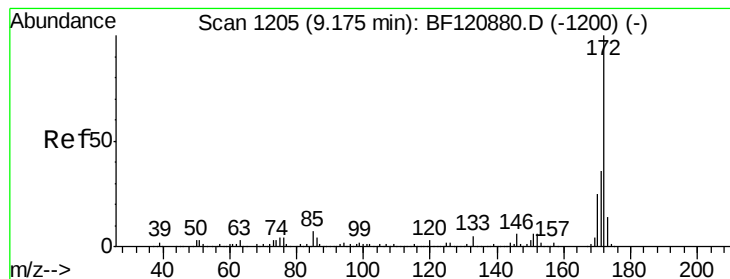
196 100

198 95.6 76.2 114.4

97 44.9 37.3 55.9

132 27.0 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 62.717 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

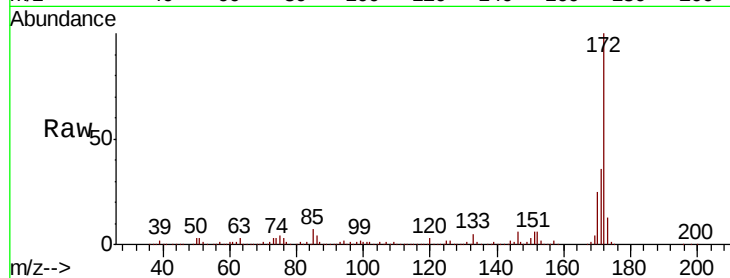
Tot Ion:172 Resp: 1239301

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

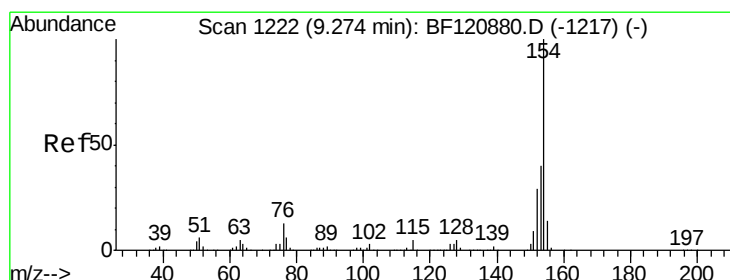
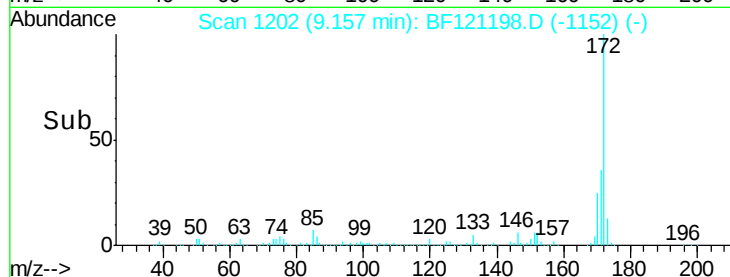
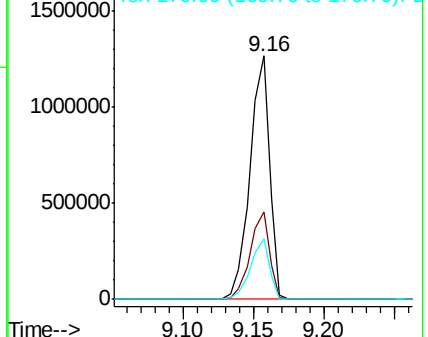
170 24.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 46.768 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

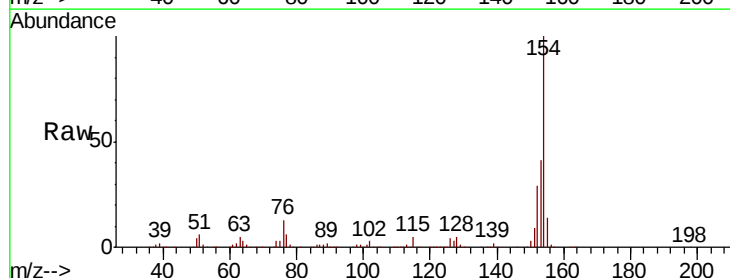
Tgt Ion:154 Resp: 1052501

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

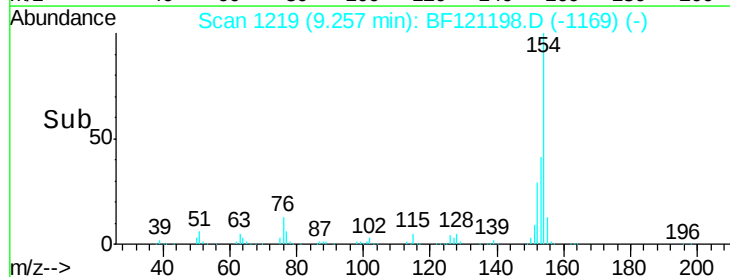
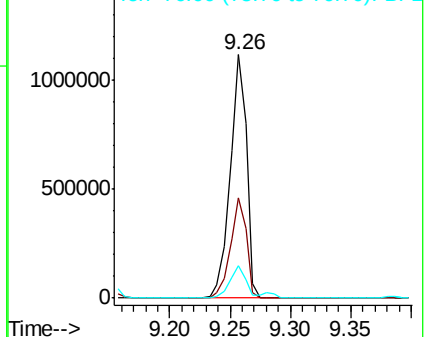
76 13.1 0.0 33.4

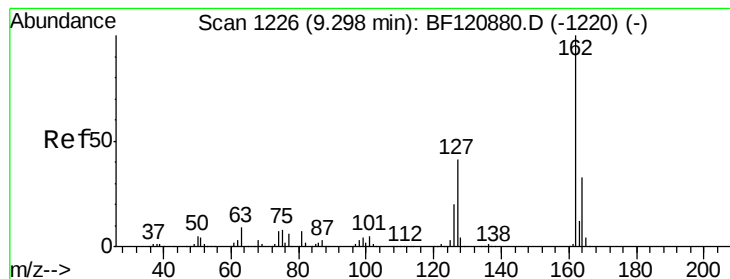


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 44.121 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

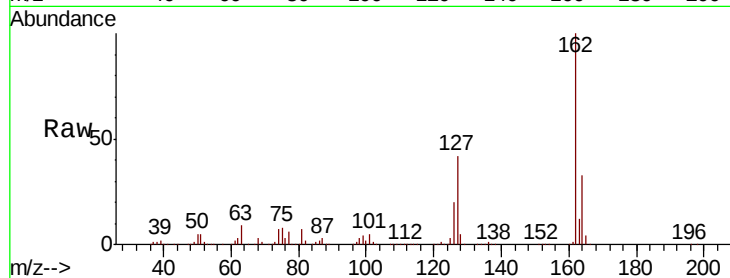
Tot Ion:162 Resp: 809533

Ion Ratio Lower Upper

162 100

127 41.8 31.1 46.7

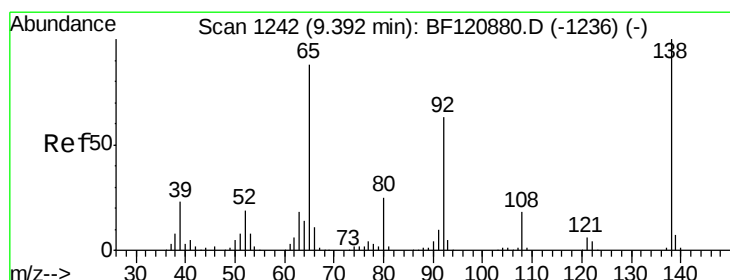
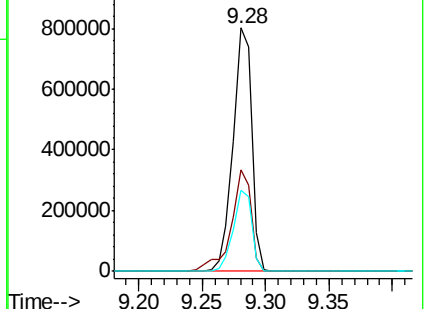
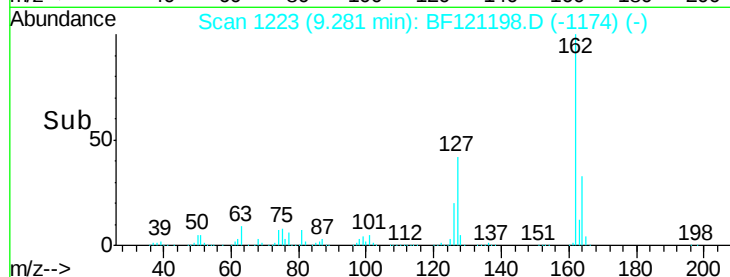
164 33.2 26.6 40.0



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: 48.810 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

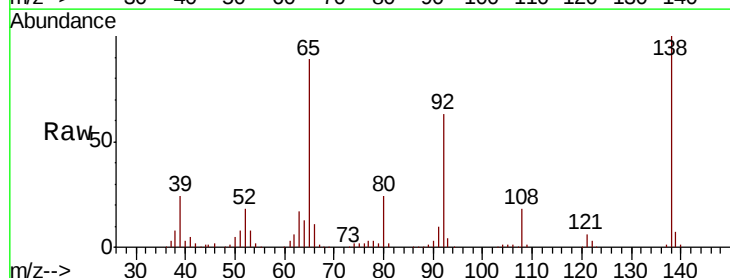
Tgt Ion: 65 Resp: 270645

Ion Ratio Lower Upper

65 100

92 70.3 58.0 87.0

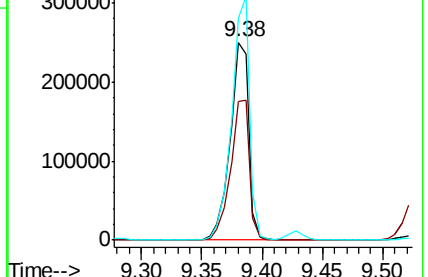
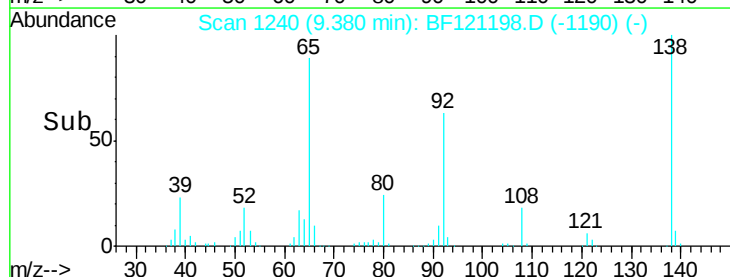
138 111.9 93.3 139.9

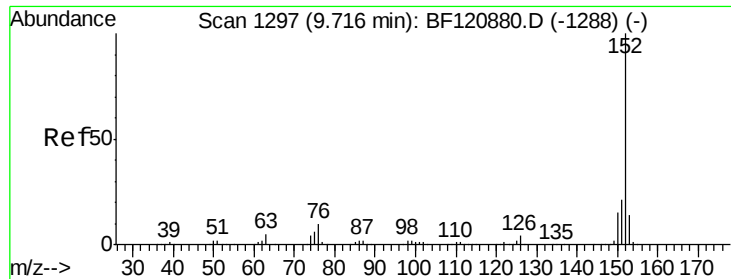


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.214 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

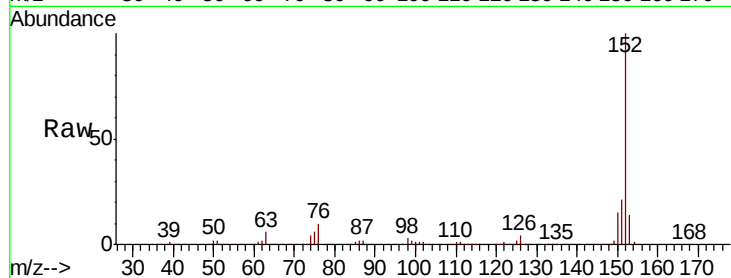
Tot Ion:152 Resp: 1317288

Ion Ratio Lower Upper

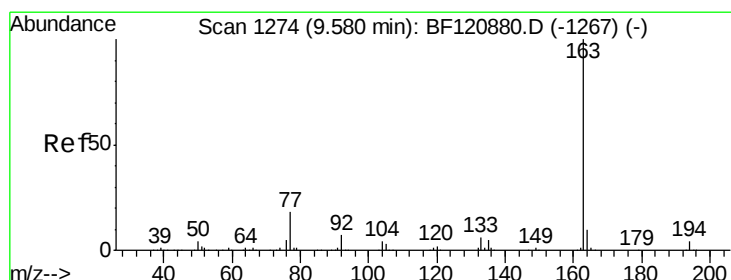
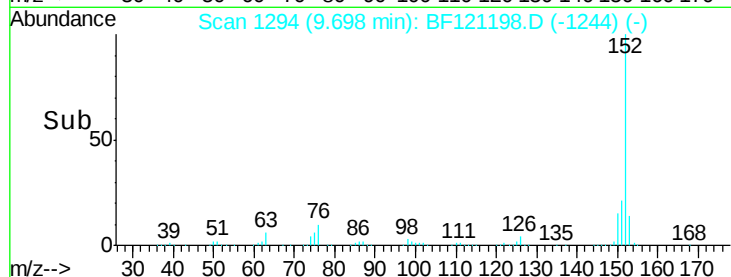
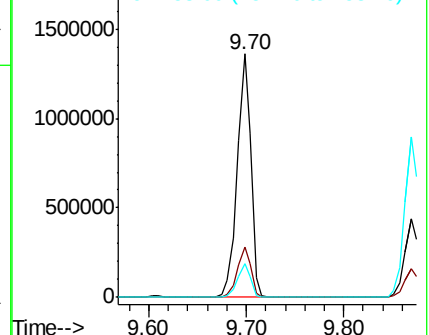
152 100

151 20.8 16.6 25.0

153 13.8 11.0 16.4



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



#50

Dimethylphthalate

Concen: 53.612 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

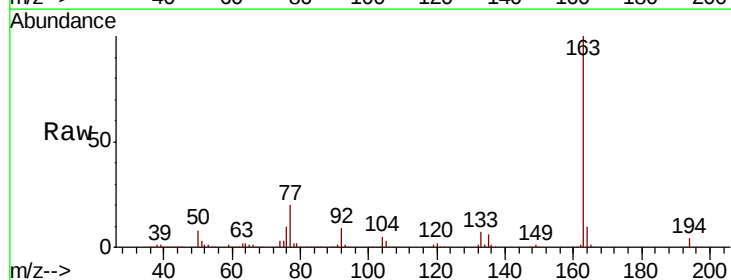
Tgt Ion:163 Resp: 1141088

Ion Ratio Lower Upper

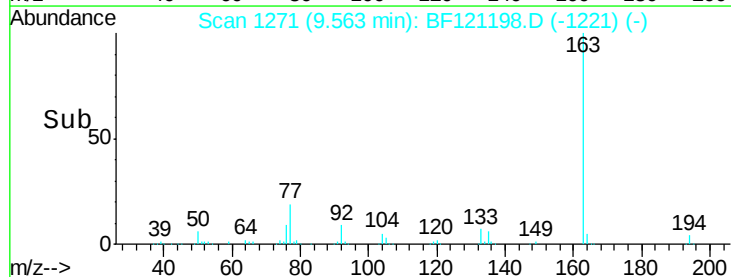
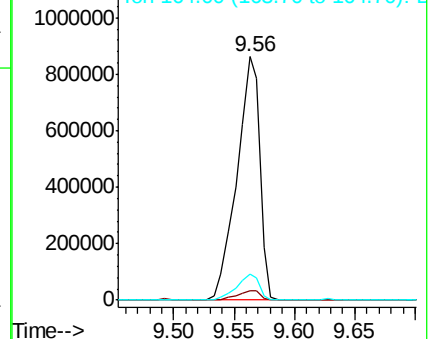
163 100

194 3.8 3.0 4.4

164 10.5 8.4 12.6



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

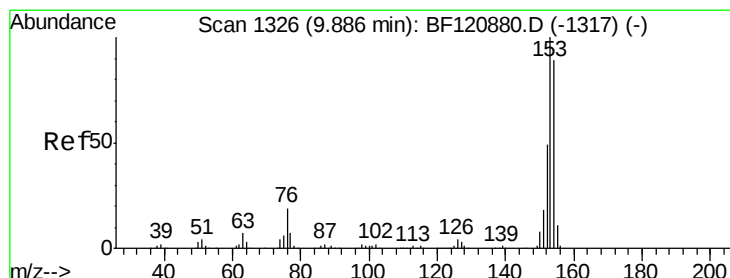
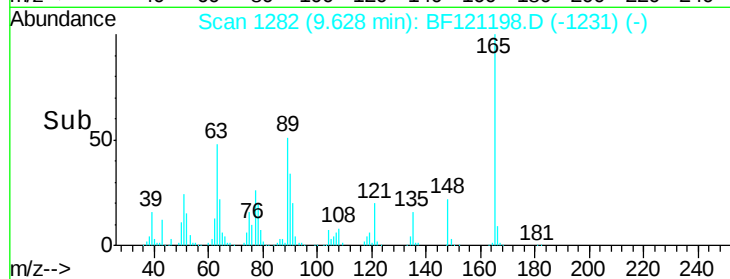
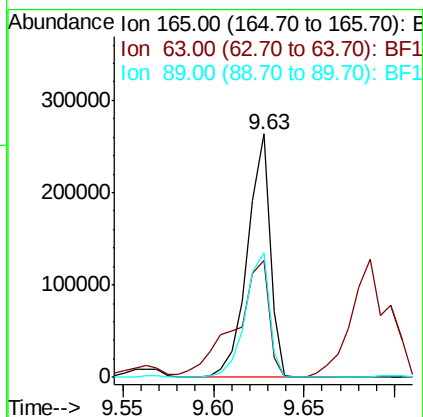
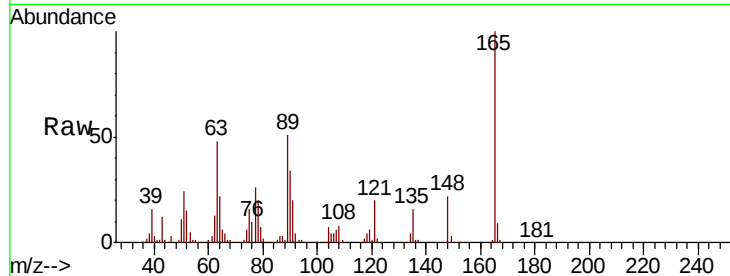




#51
 2,6-Dinitrotoluene
 Concen: 50.206 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

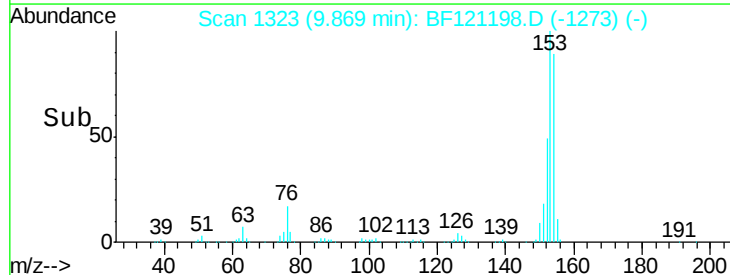
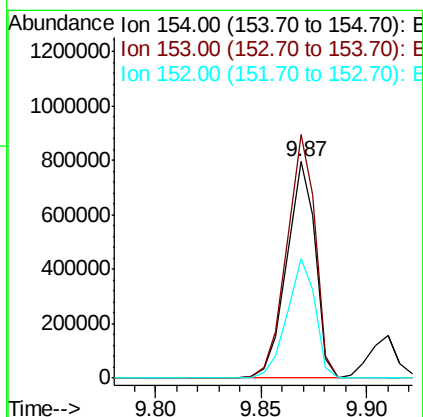
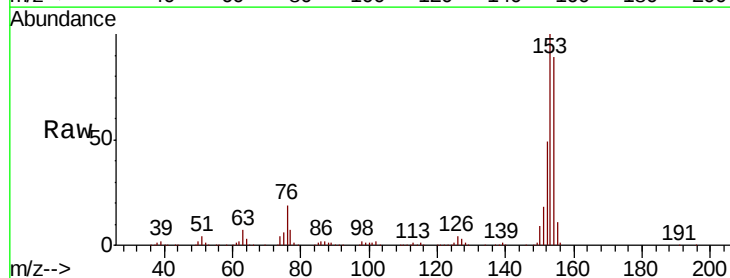
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

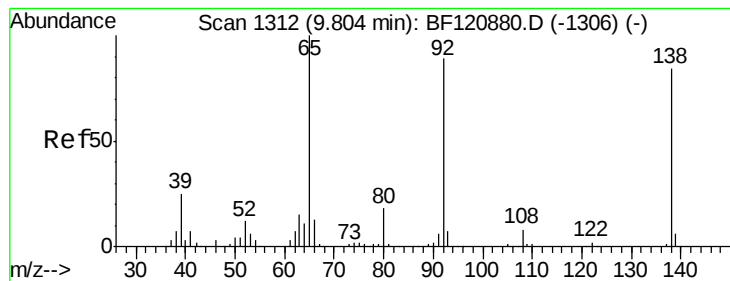
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	41.1	61.7
89	51.2	43.5	65.3



#52
 Acenaphthene
 Concen: 41.541 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.6	134.4
152	55.0	43.8	65.6





#53

3-Nitroaniline

Concen: 31.425 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

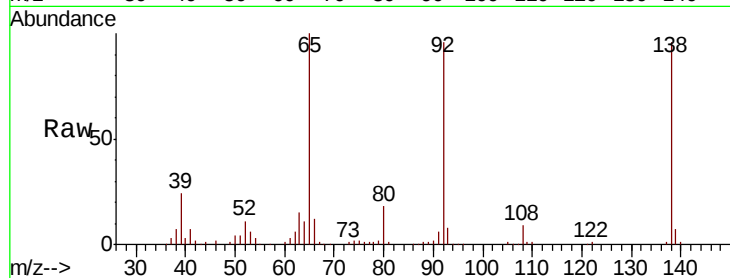
Tot Ion:138 Resp: 180223

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.8

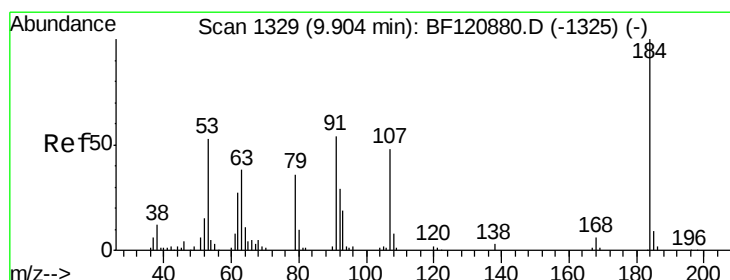
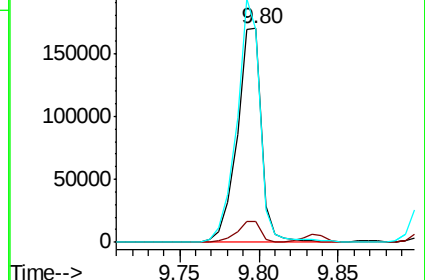
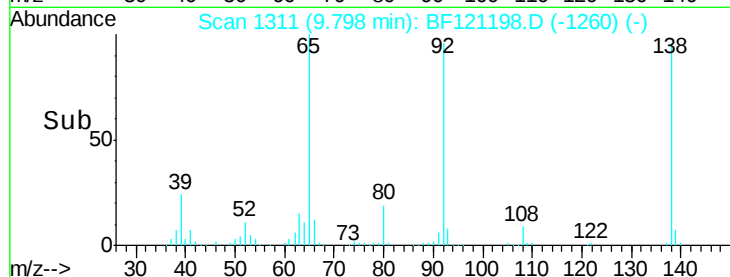
92 99.6 85.0 127.4



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: 96.077 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

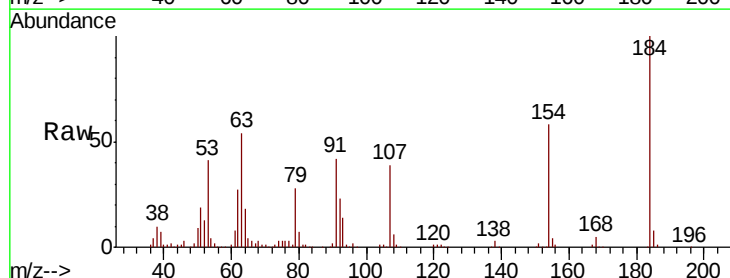
Tgt Ion:184 Resp: 256834

Ion Ratio Lower Upper

184 100

63 53.9 42.5 63.7

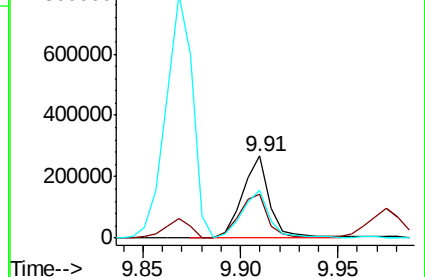
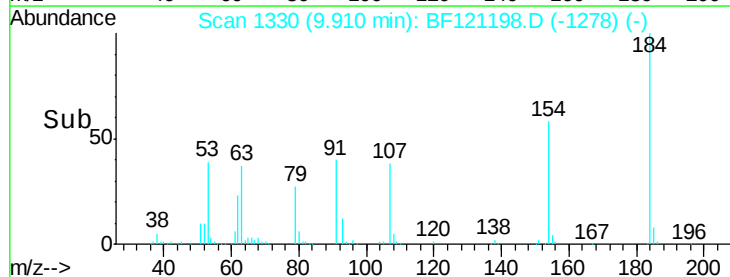
154 57.9 46.8 70.2

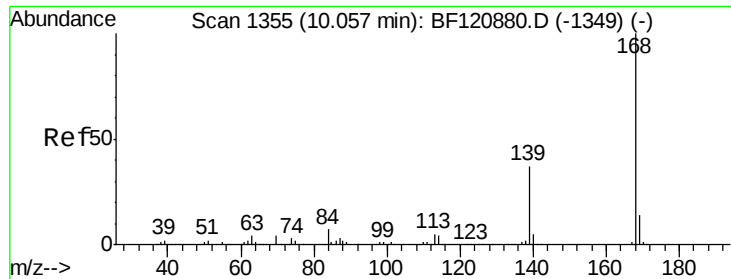


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

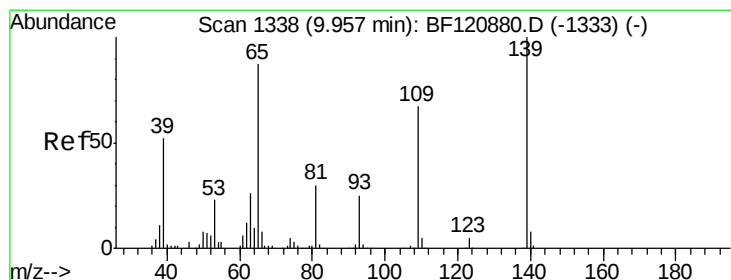
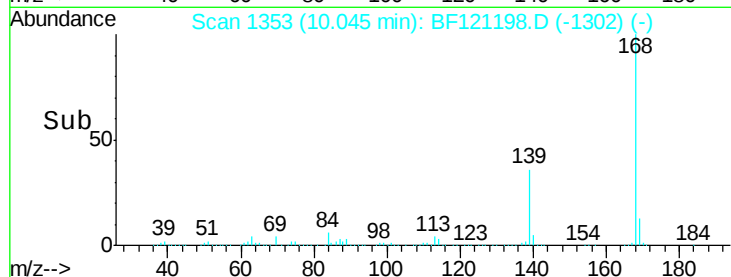
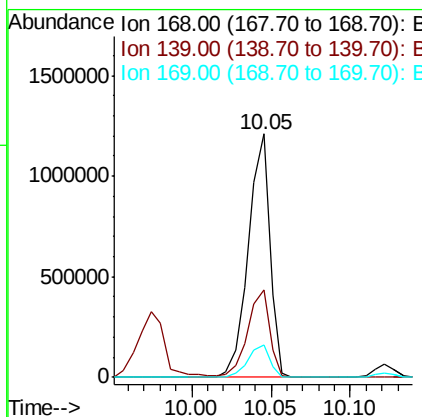
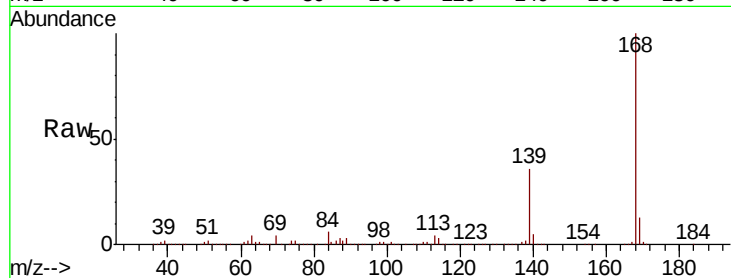




#55
Dibenzofuran
Concen: 43.475 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

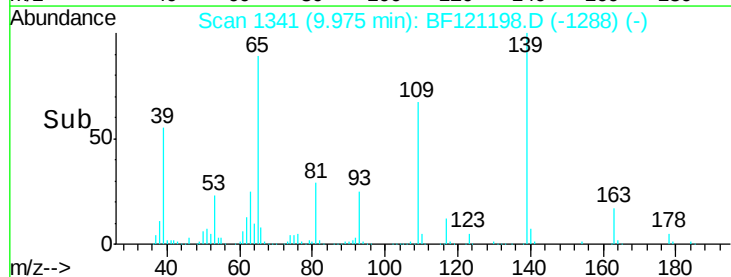
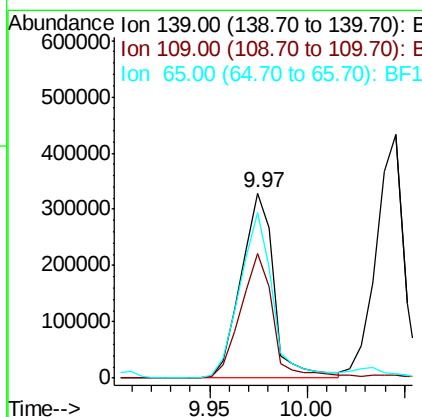
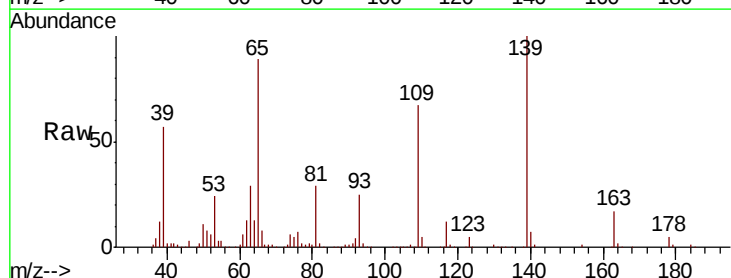
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

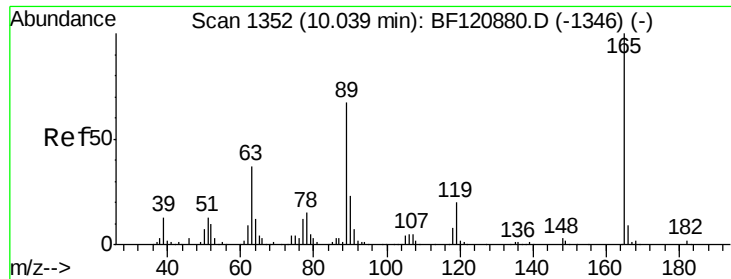
Tot Ion:168 Resp: 1139326
Ion Ratio Lower Upper
168 100
139 35.8 30.1 45.1
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 88.592 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:139 Resp: 385952
Ion Ratio Lower Upper
139 100
109 67.0 44.8 84.8
65 89.2 65.6 105.6

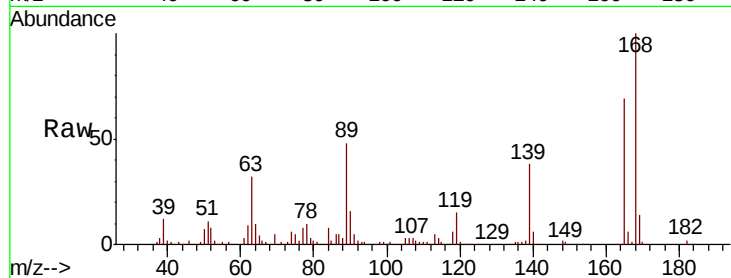




#57
2,4-Dinitrotoluene
Concen: 48.770 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	29.8	44.8#
89	69.2	50.3	75.5
182	2.6	2.1	3.1



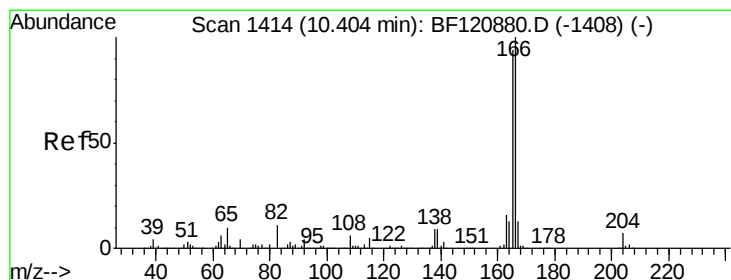
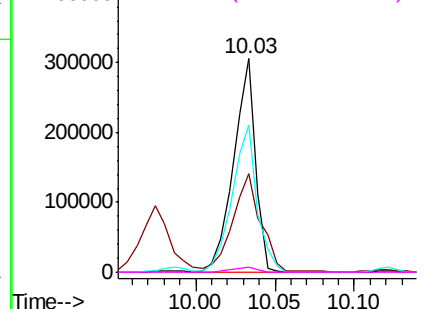
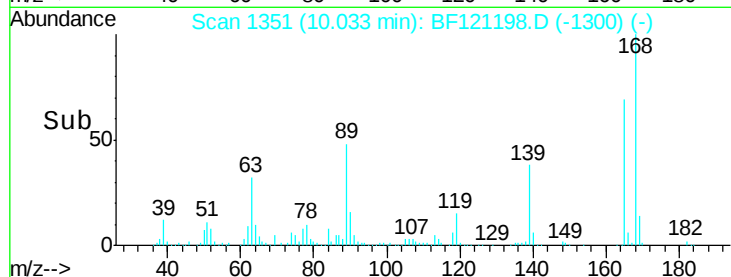
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

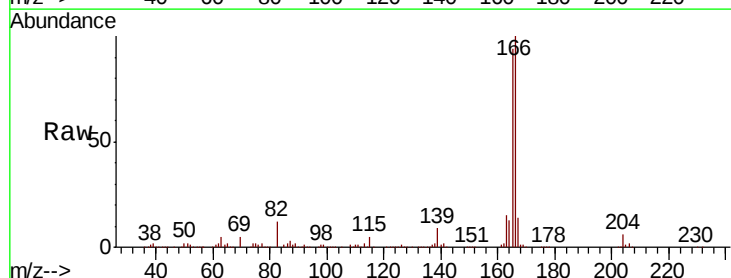
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.059 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.4	114.6
167	13.7	10.7	16.1

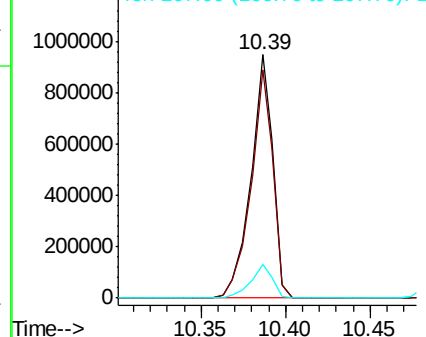
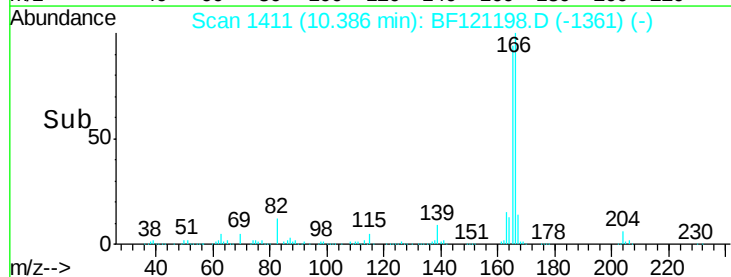


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

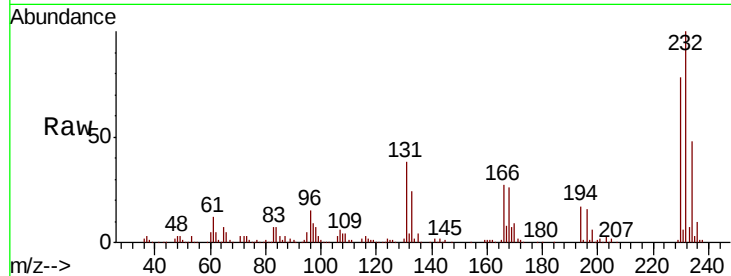




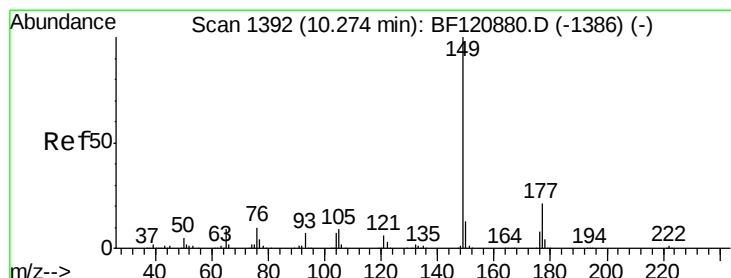
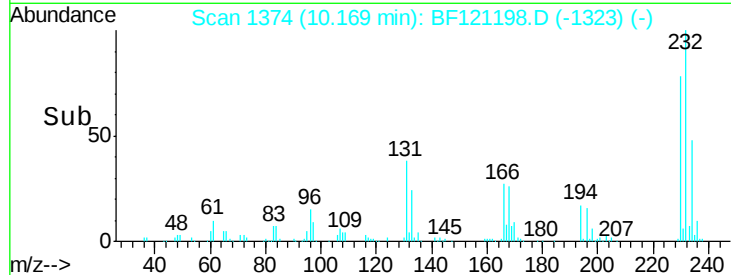
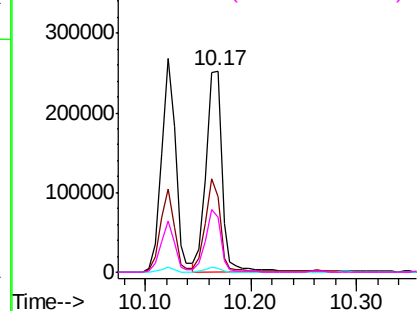
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.868 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

Tot Ion:	232	Resp:	265888
Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.2	51.2
130	2.2	1.7	2.5
166	29.0	23.1	34.7

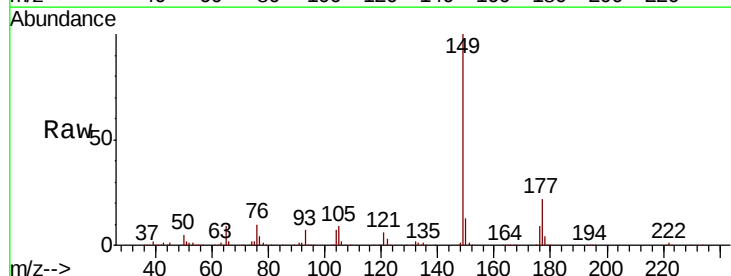


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

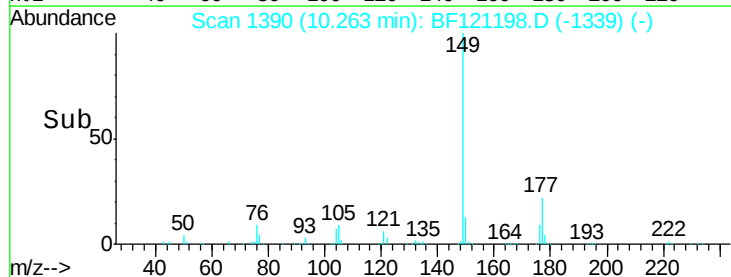
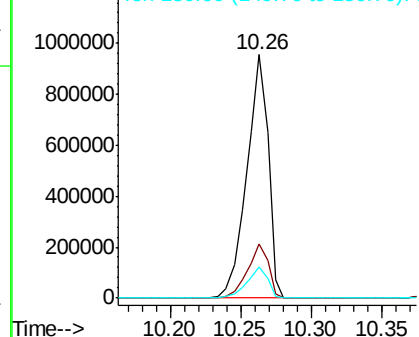


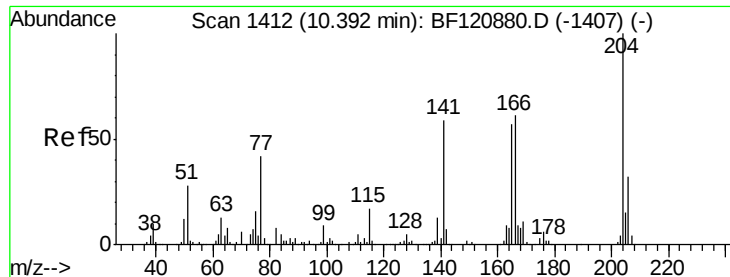
#60
 Diethylphthalate
 Concen: 46.806 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Tgt Ion:	149	Resp:	1007662
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.7	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

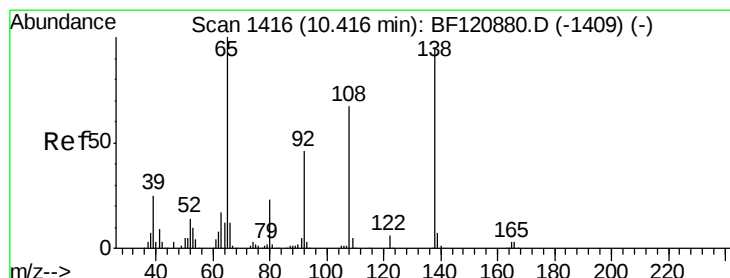
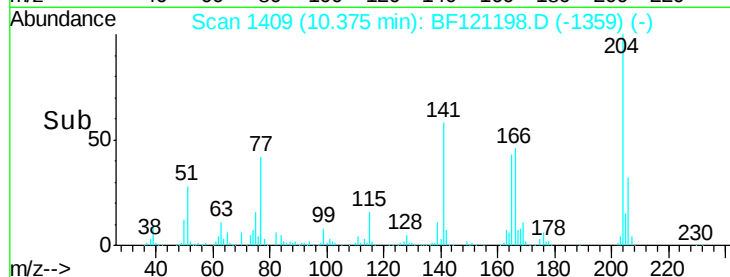
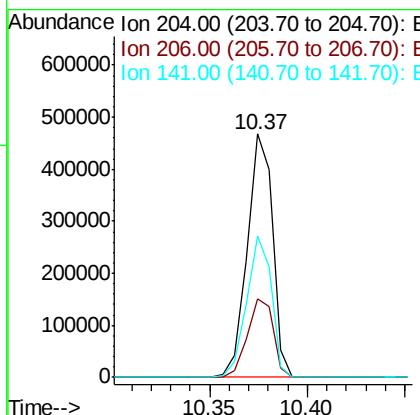
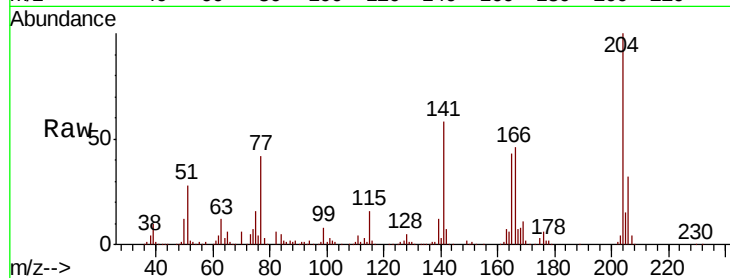




#61
 4-Chlorophenyl-phenylether
 Concen: 40.485 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

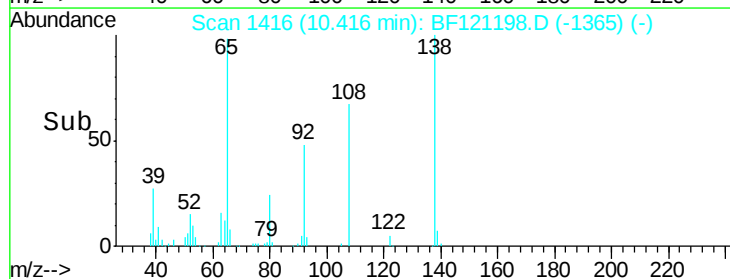
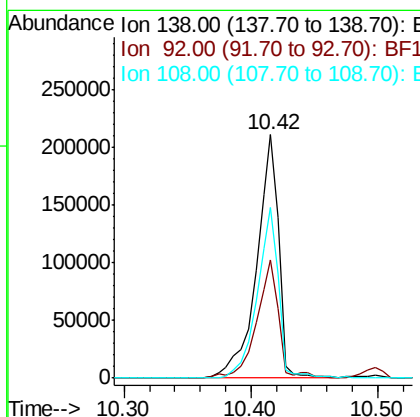
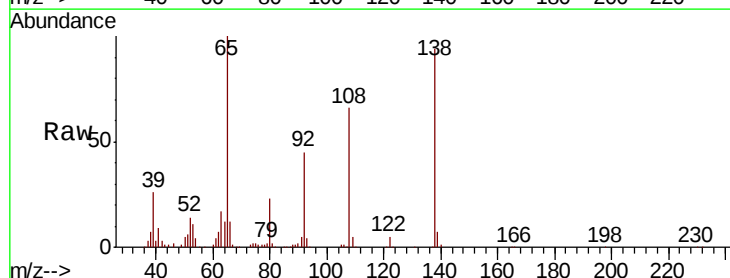
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

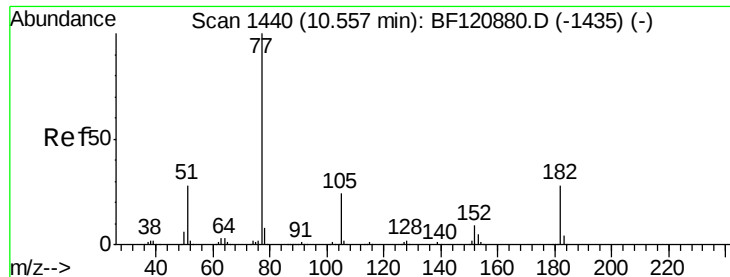
Tot Ion:204 Resp: 422054
 Ion Ratio Lower Upper
 204 100
 206 32.1 26.0 39.0
 141 58.0 46.9 70.3



#62
 4-Nitroaniline
 Concen: 46.147 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Tgt Ion:138 Resp: 257800
 Ion Ratio Lower Upper
 138 100
 92 48.3 25.2 65.2
 108 70.1 46.7 86.7





#63

Azobenzene

Concen: 45.525 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

Tot Ion: 77 Resp: 933065

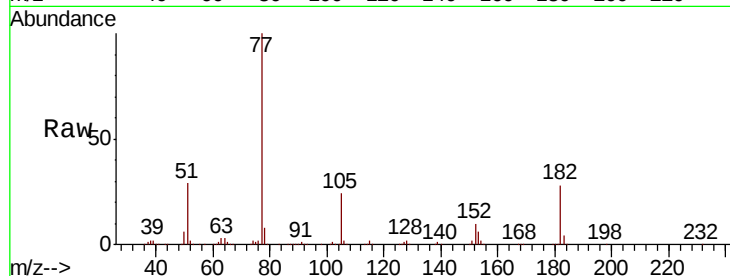
Ion Ratio Lower Upper

77 100

182 27.9 4.5 44.5

105 23.9 3.4 43.4

51 28.5 8.7 48.7

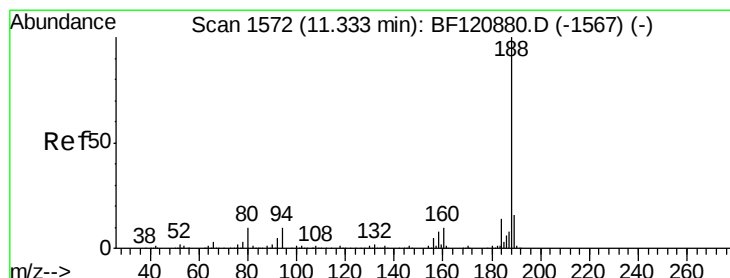
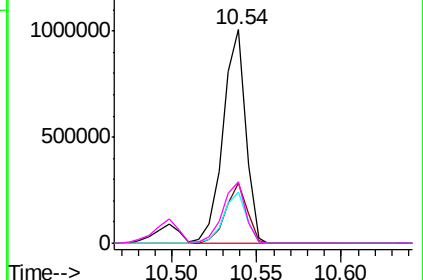
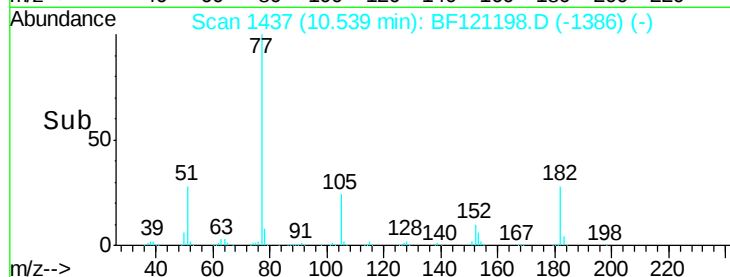


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

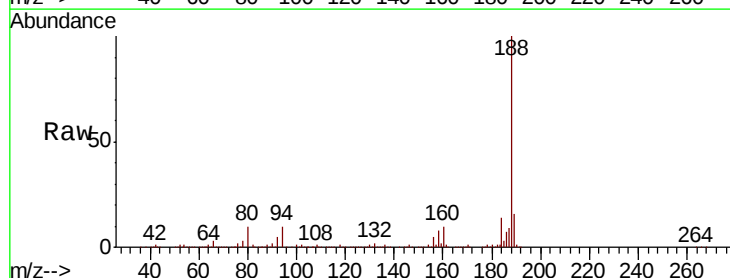
Tgt Ion: 188 Resp: 581490

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

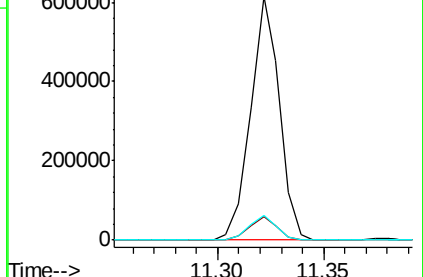
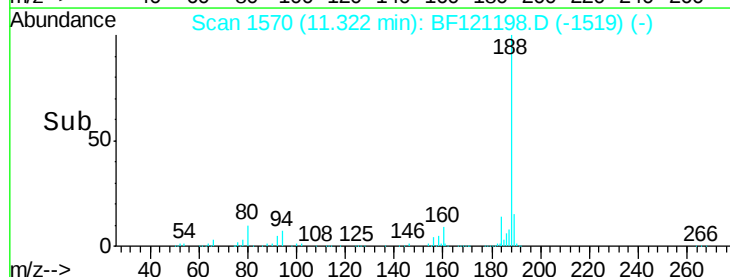
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

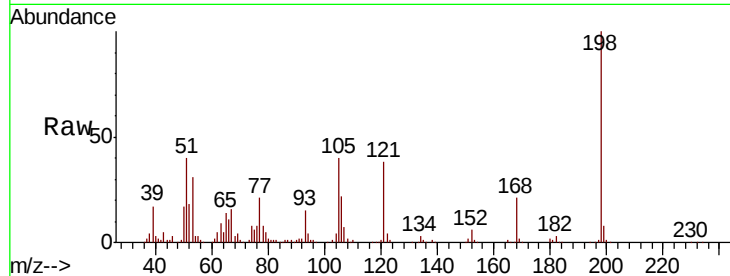




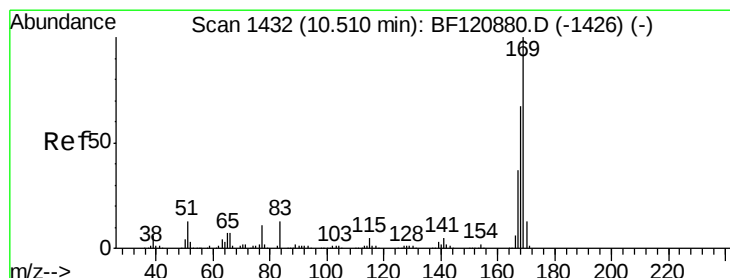
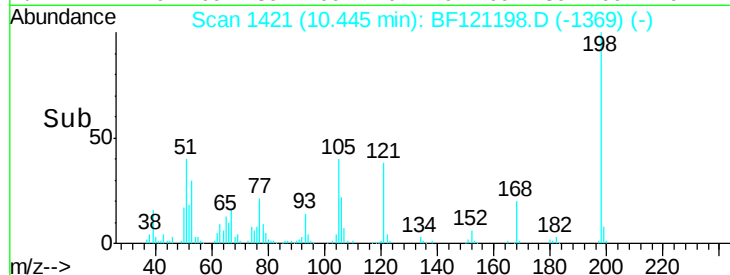
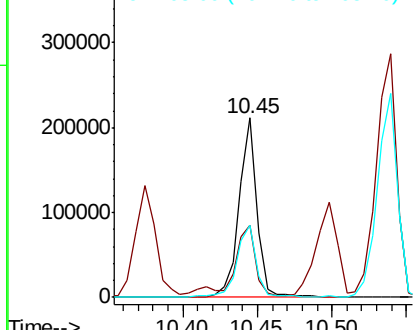
#65
4,6-Dinitro-2-methylphenol
Concen: 52.639 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.2	23.4	63.4
105	40.2	23.7	63.7

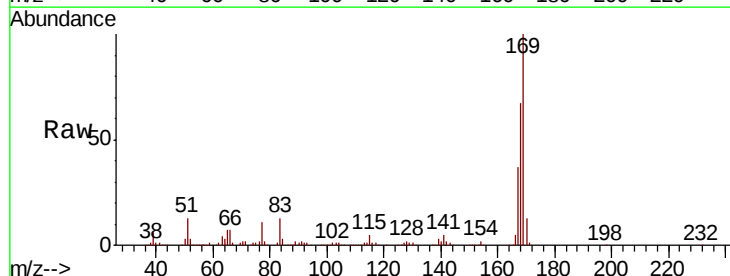


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

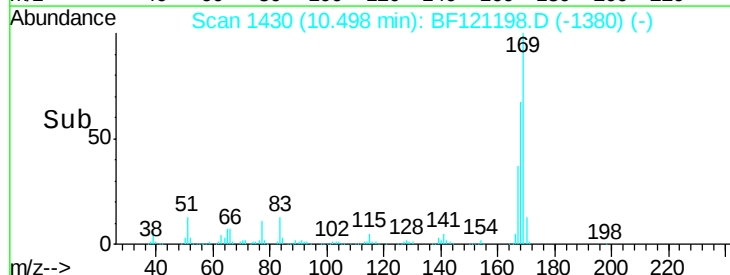
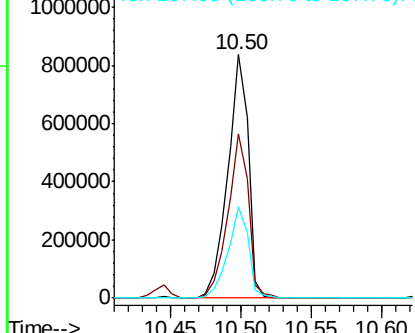


#66
n-Nitrosodiphenylamine
Concen: 46.394 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.7	80.5
167	37.3	30.0	45.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

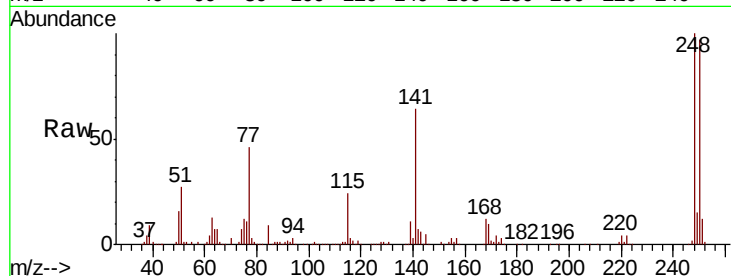




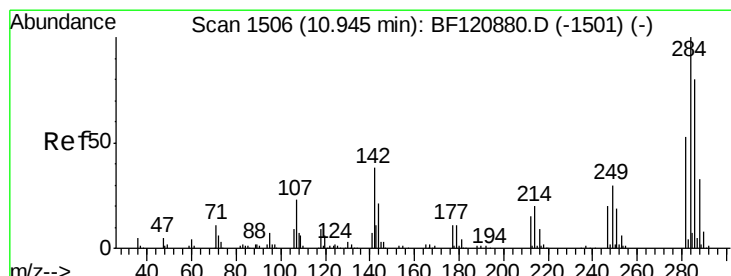
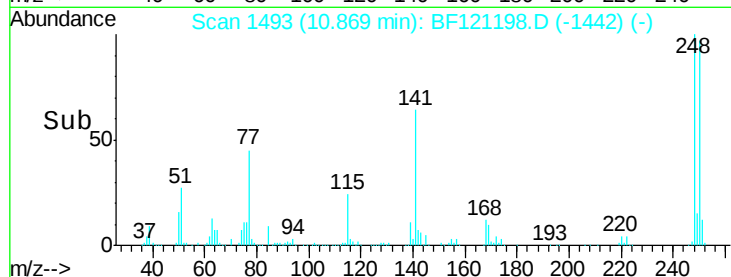
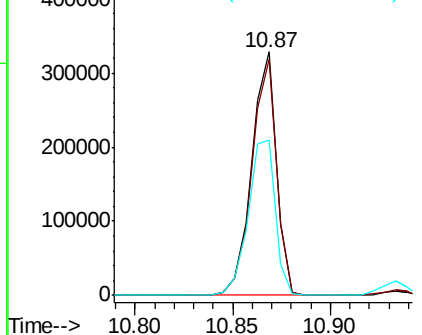
#67
 4-Bromophenyl-phenylether
 Concen: 44.476 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

Tot Ion:248 Resp: 288346
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.0 115.6
 141 63.8 56.6 85.0

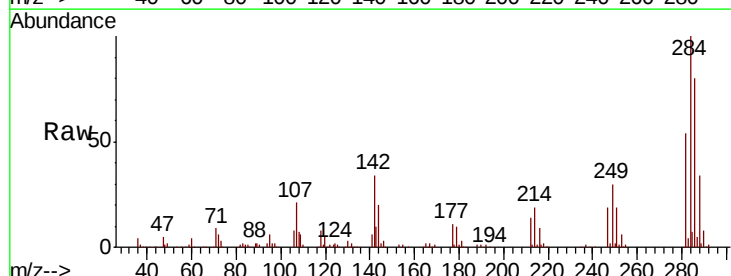


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

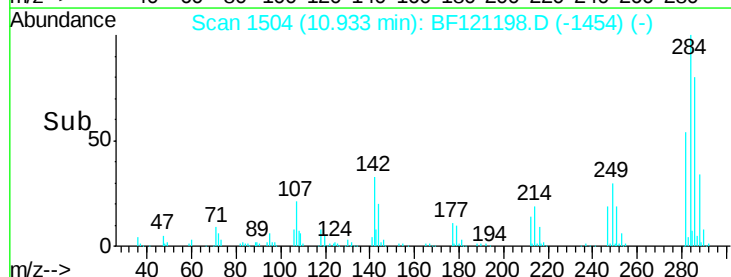
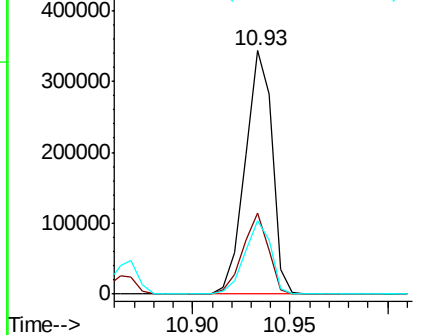


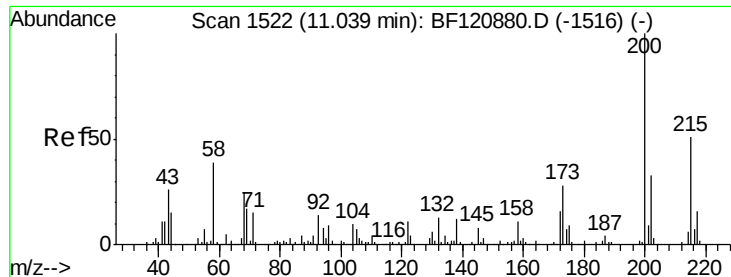
#68
 Hexachlorobenzene
 Concen: 46.870 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Tgt Ion:284 Resp: 328700
 Ion Ratio Lower Upper
 284 100
 142 33.5 21.1 31.7#
 249 30.0 22.5 33.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

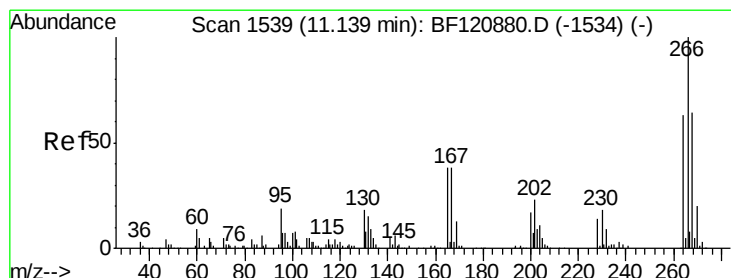
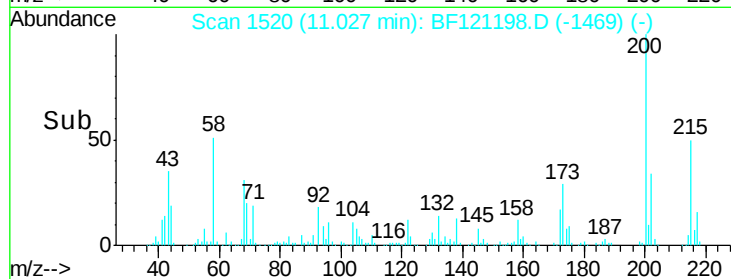
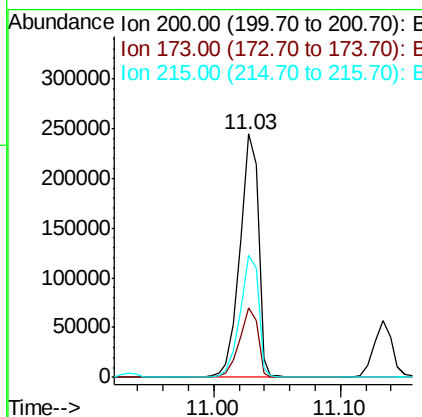
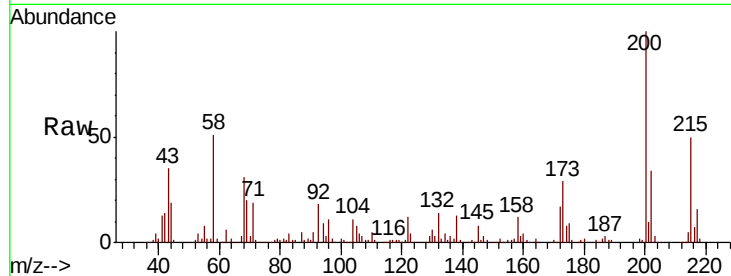




#69
Atrazine
Concen: 54.076 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

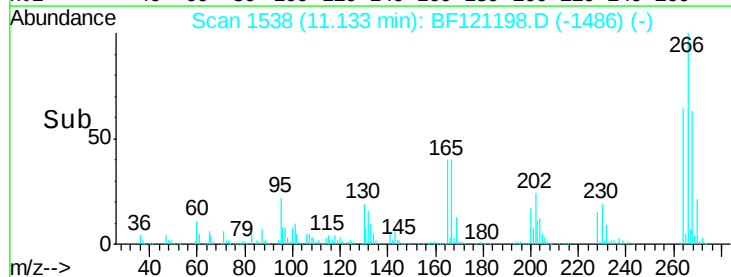
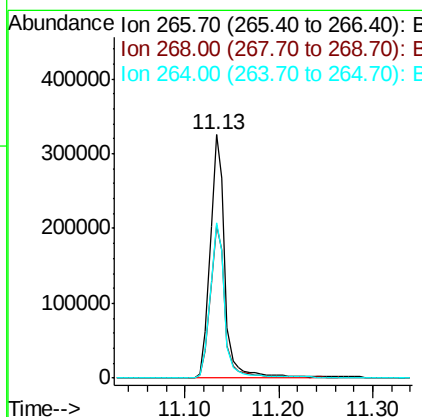
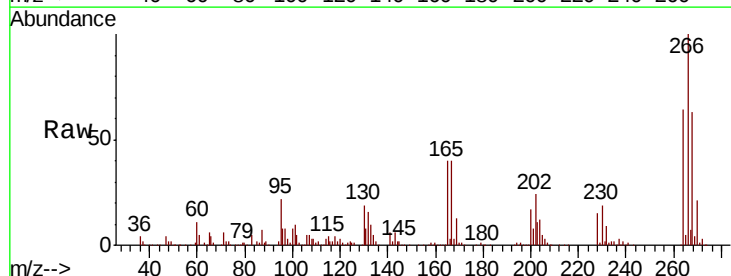
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

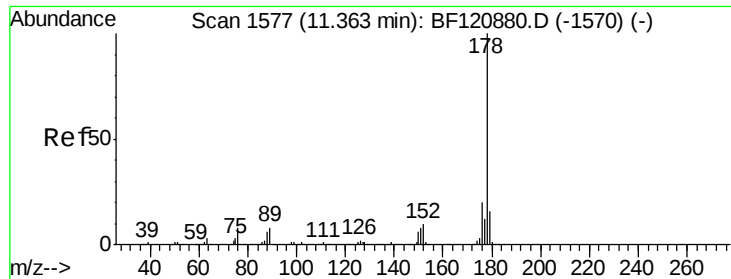
Tot Ion:200 Resp: 244980
Ion Ratio Lower Upper
200 100
173 28.6 7.6 47.6
215 49.9 28.8 68.8



#70
Pentachlorophenol
Concen: 90.806 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:266 Resp: 364829
Ion Ratio Lower Upper
266 100
268 62.9 49.7 74.5
264 63.8 50.4 75.6

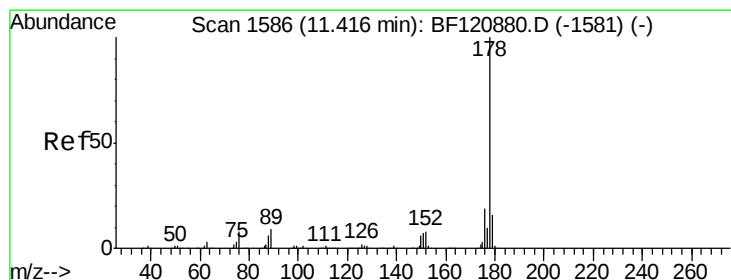
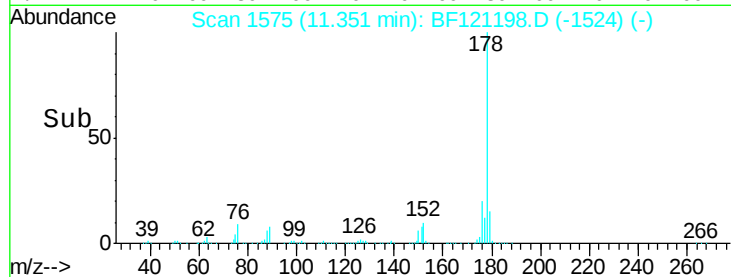
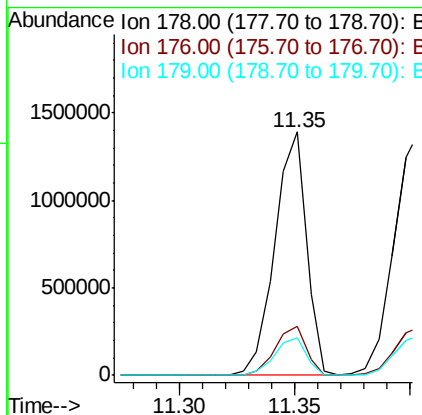
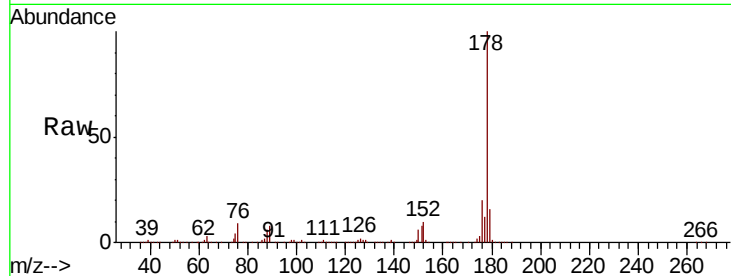




#71
Phenanthrene
Concen: 44.147 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

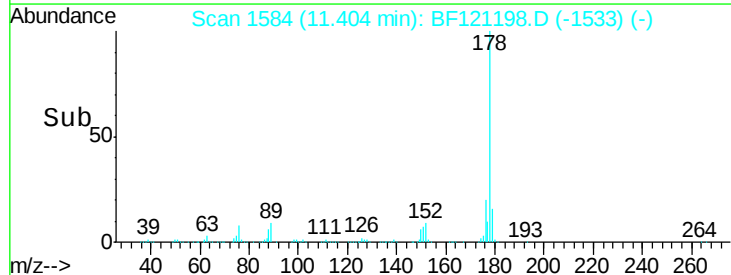
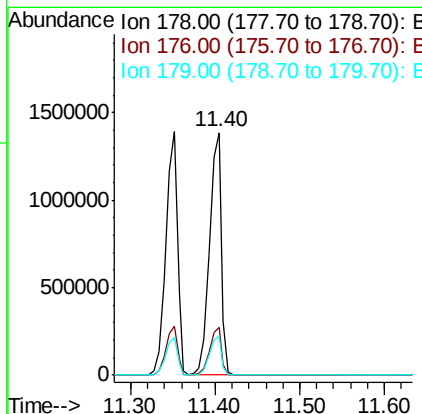
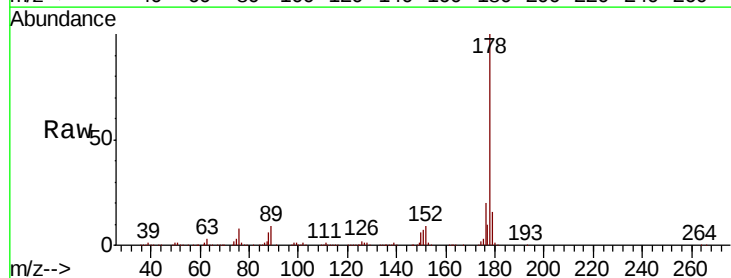
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

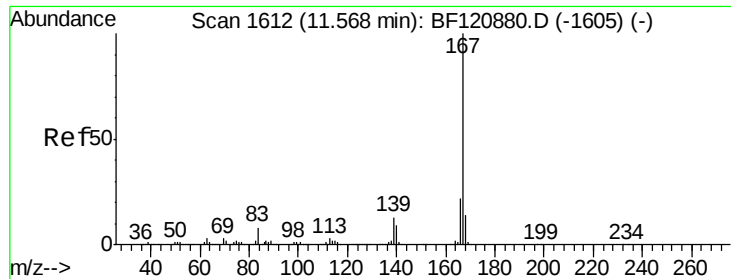
Tot Ion:178 Resp: 1320271
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.5 12.6 19.0



#72
Anthracene
Concen: 46.170 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:178 Resp: 1386502
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.9 12.6 19.0

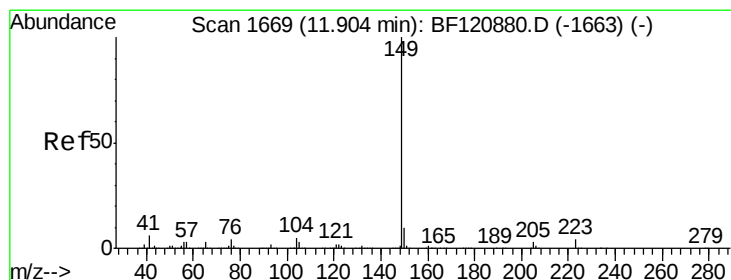
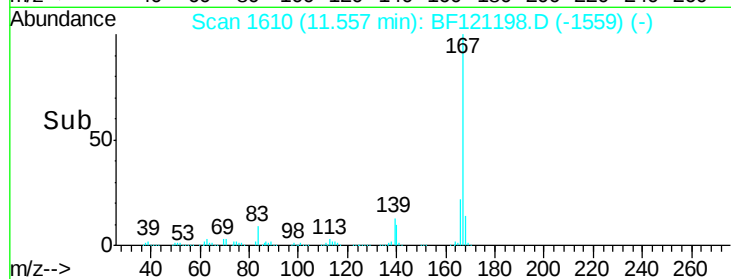
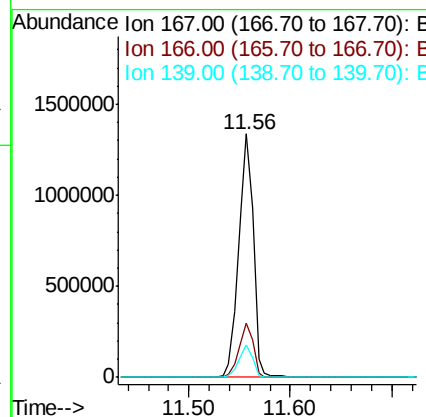
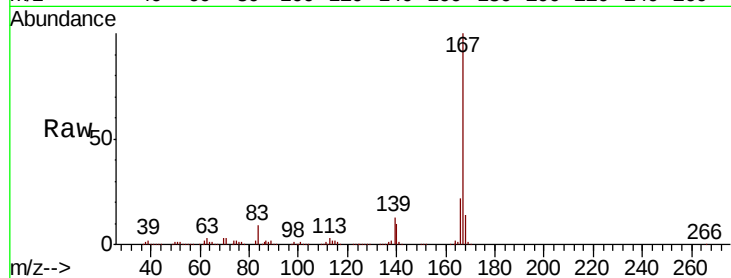




#73
 Carbazole
 Concen: 45.211 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

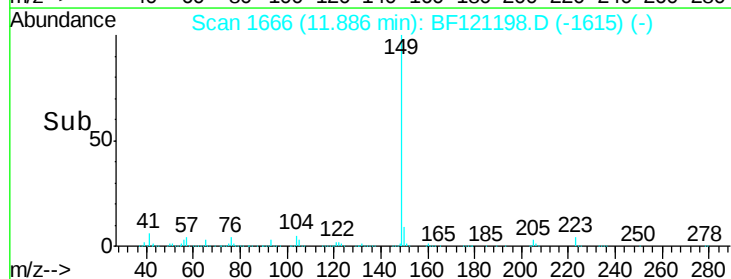
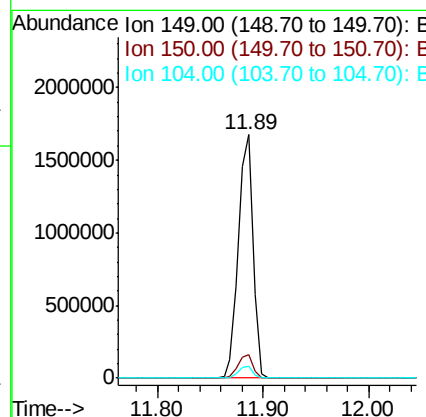
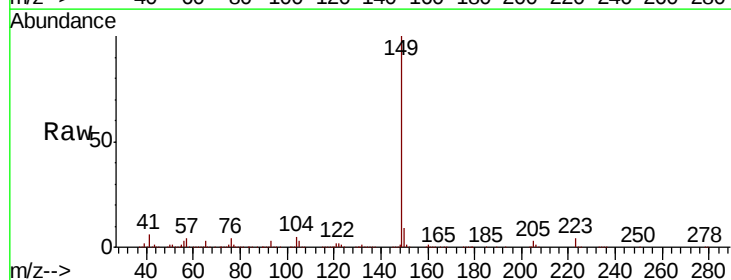
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

Tot Ion:167 Resp: 1347372
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 46.396 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Tgt Ion:149 Resp: 1595637
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.7 3.9 5.9





#75

Fluoranthene

Concen: 45.751 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

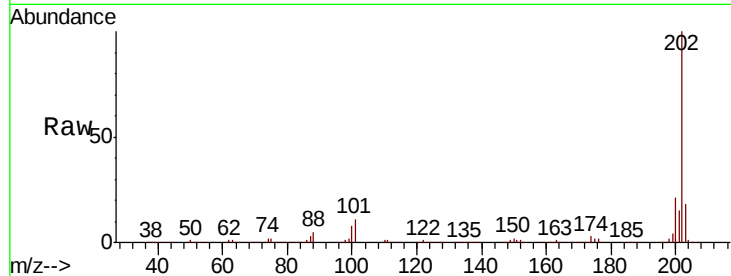
Tot Ion:202 Resp: 1516589

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.5

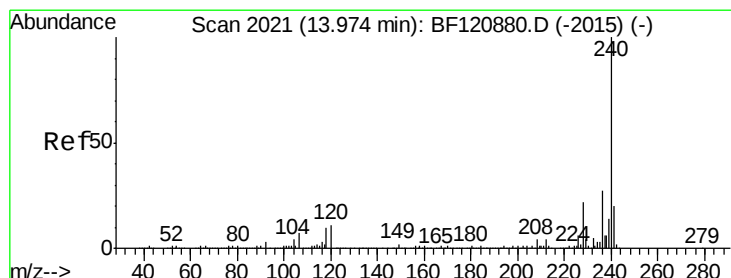
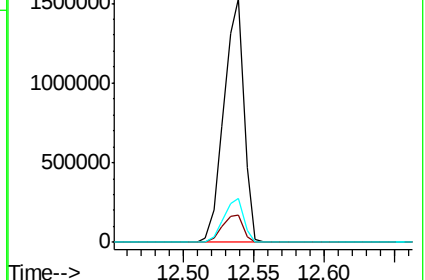
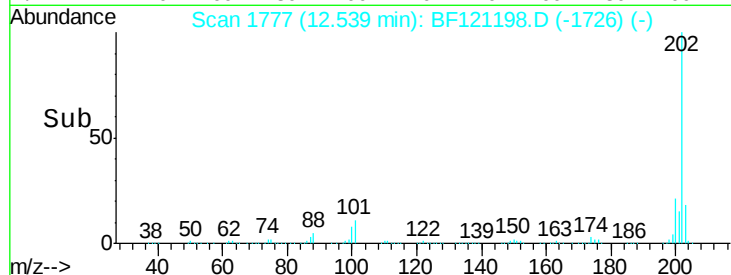
203 18.0 0.0 37.7



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: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

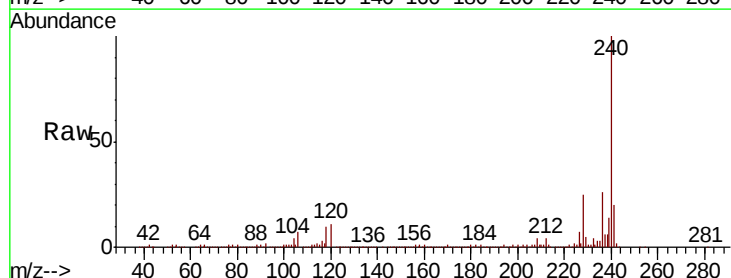
Tgt Ion:240 Resp: 480243

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

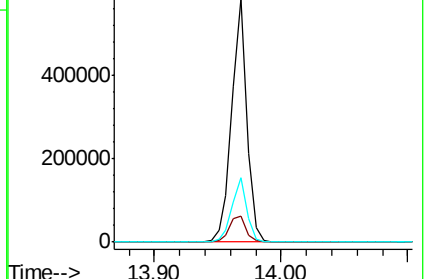
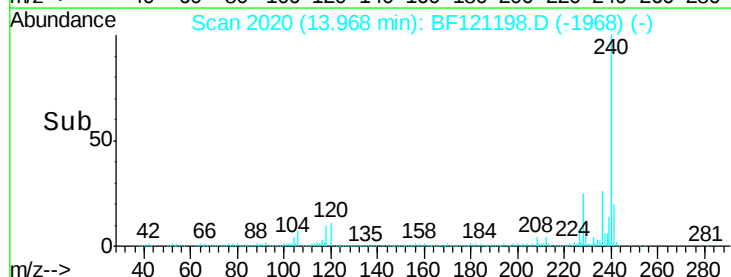
236 26.3 21.1 31.7

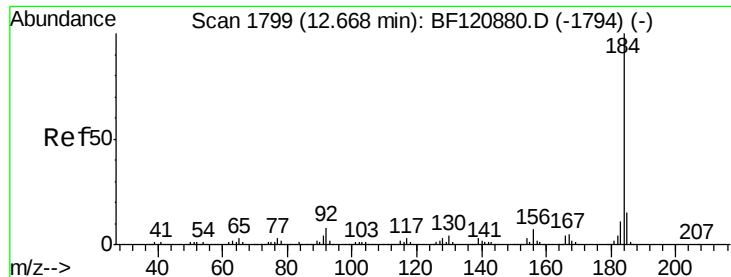


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.612 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

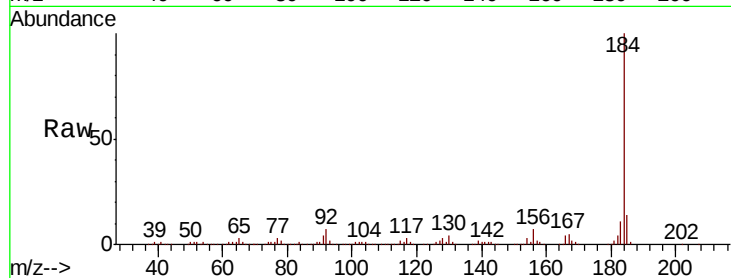
Tot Ion:184 Resp: 689560

Ion Ratio Lower Upper

184 100

185 14.3 12.1 18.1

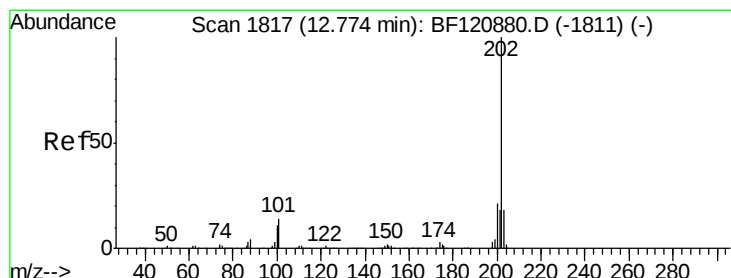
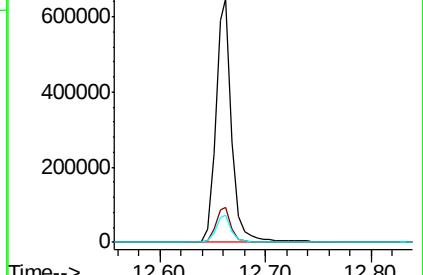
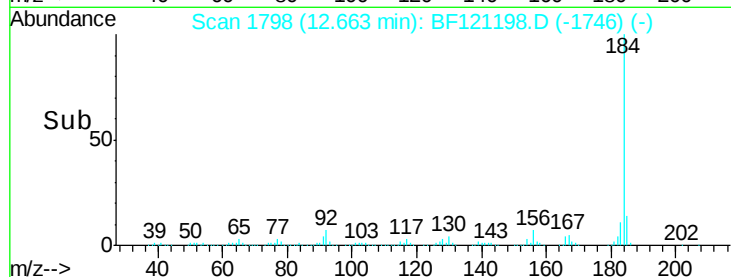
183 11.2 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.509 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

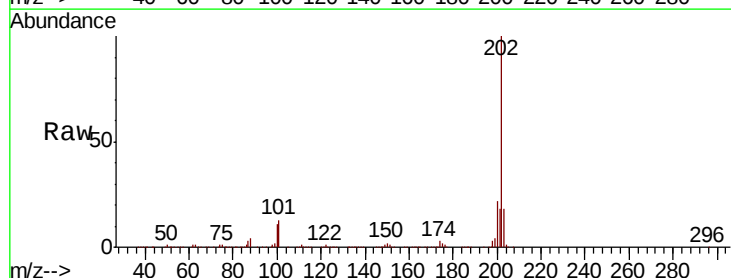
Tgt Ion:202 Resp: 1579126

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

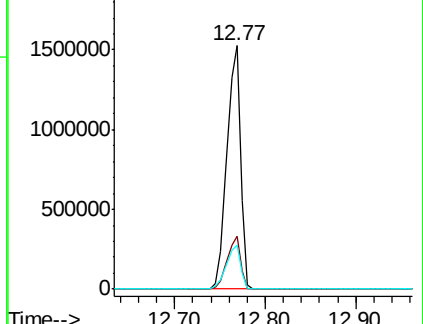
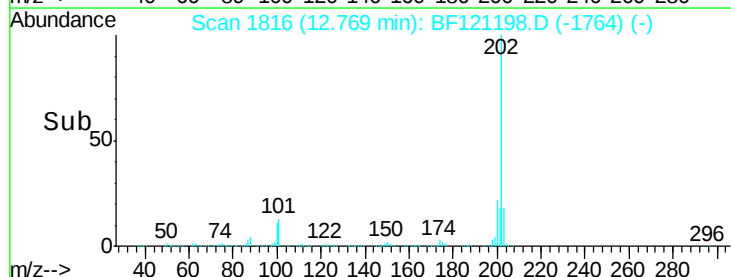
203 18.0 14.6 21.8

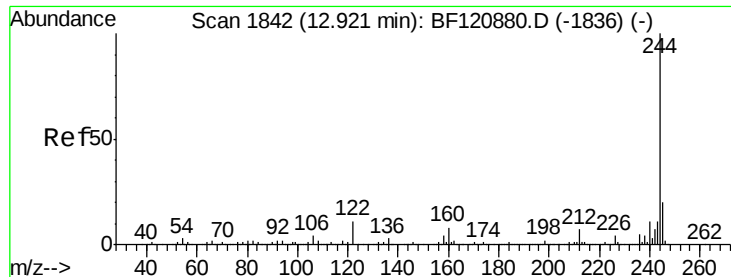


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.264 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

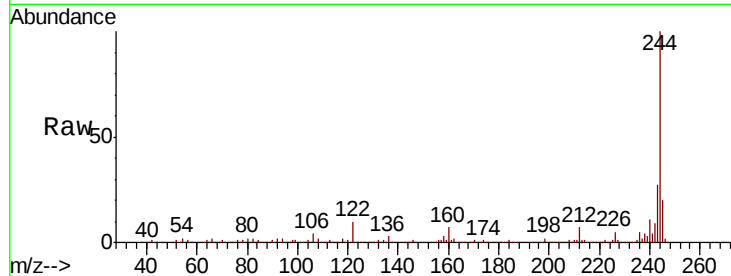
BNA_F

ClientSampleId :

COMP-CDMS

Tot Ion:244 Resp: 1353479

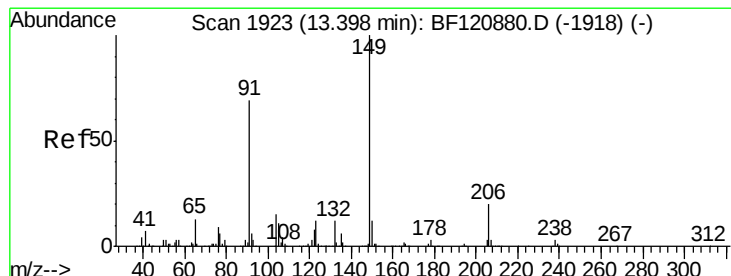
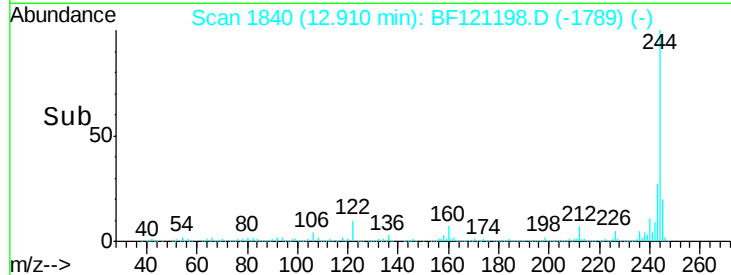
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.5	8.3	12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.573 ng

RT: 13.39 min Scan# 1921

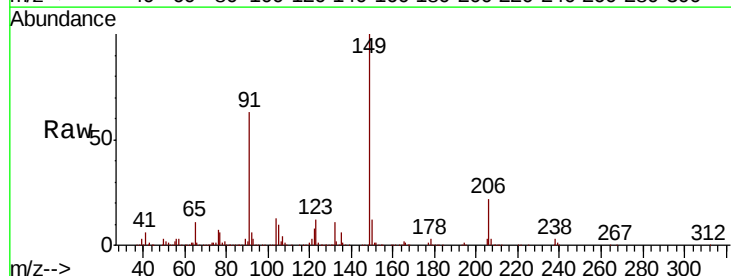
Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Tgt Ion:149 Resp: 735204

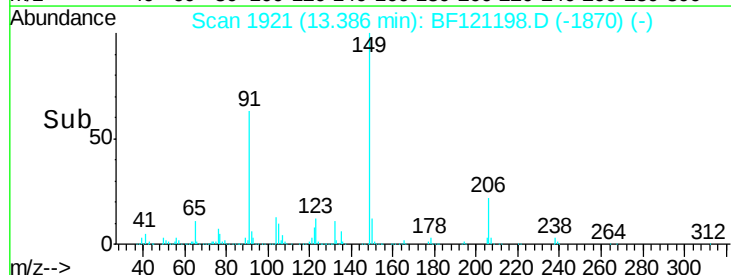
Ion	Ratio	Lower	Upper
149	100		
91	63.1	51.4	77.0
206	22.1	17.9	26.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.455 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

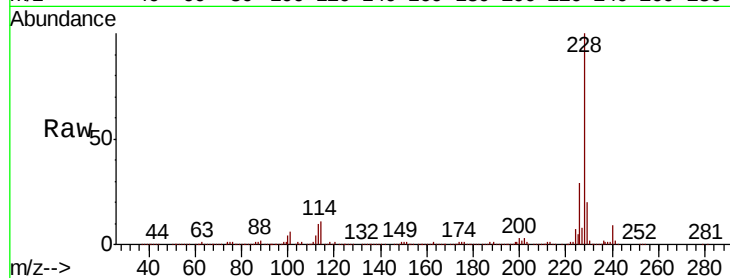
BNA_F

ClientSampleId :

COMP-CDMS

Tot Ion:228 Resp: 1380055

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.3	16.1	24.1

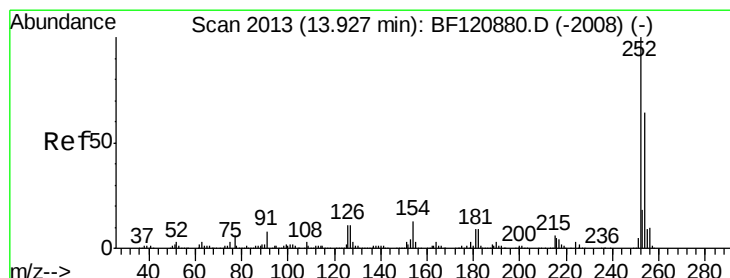
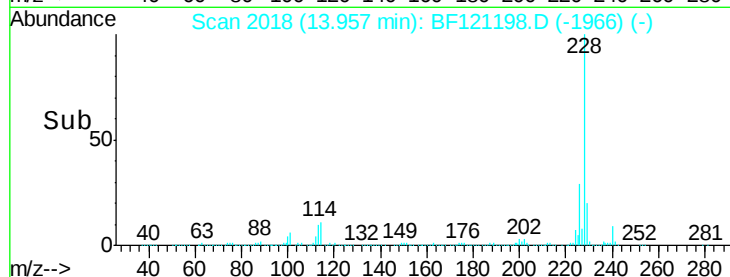
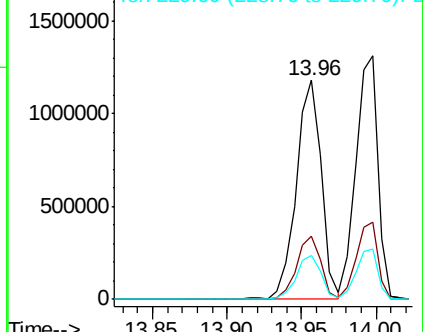


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.903 ng

RT: 13.92 min Scan# 2012

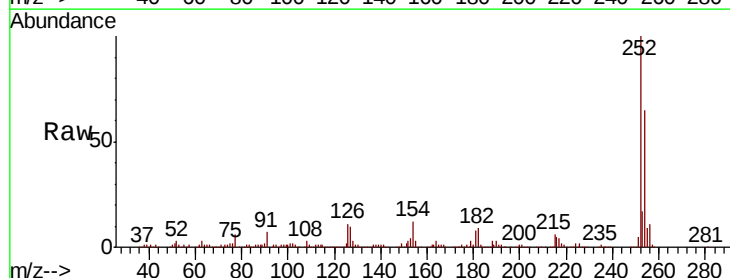
Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Tgt Ion:252 Resp: 481680

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	10.5	9.2	13.8

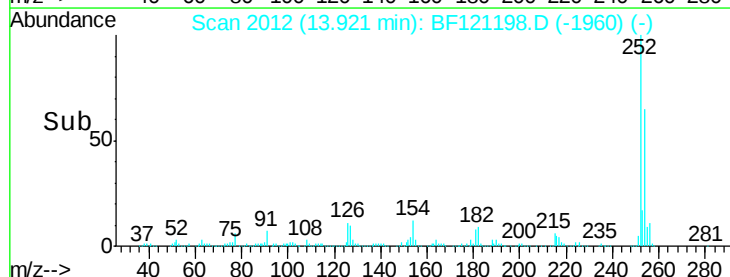
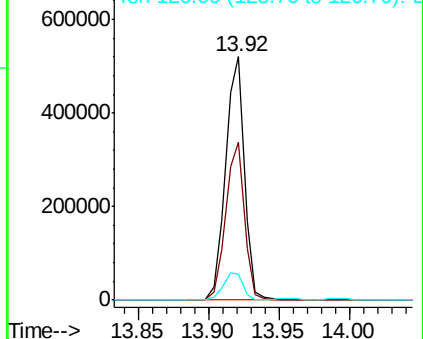


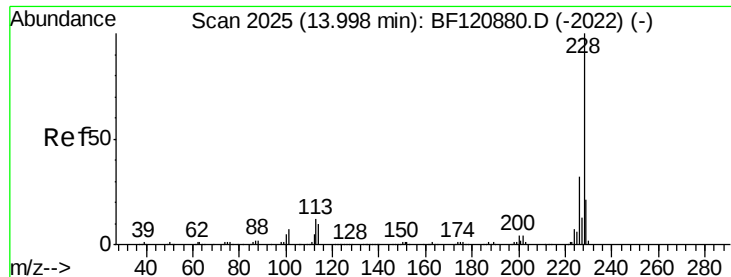
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.947 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

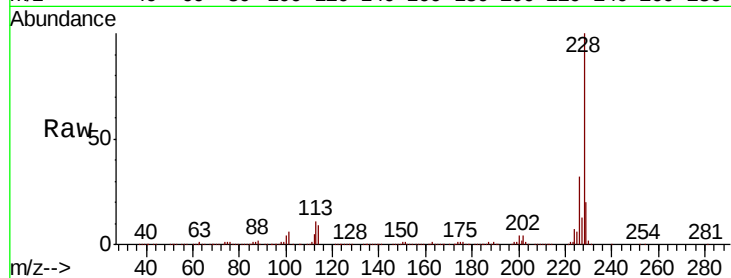
Tot Ion:228 Resp: 1373646

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

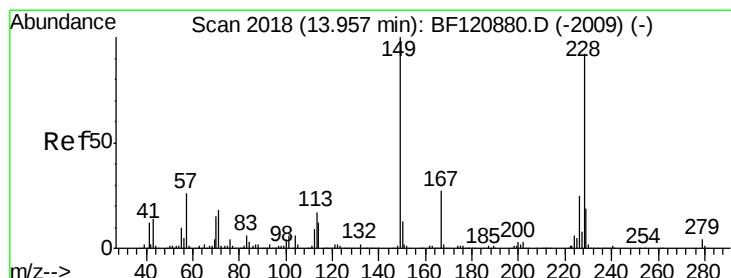
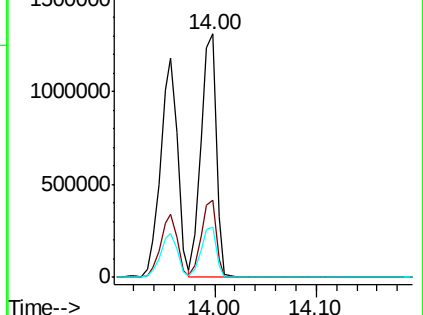
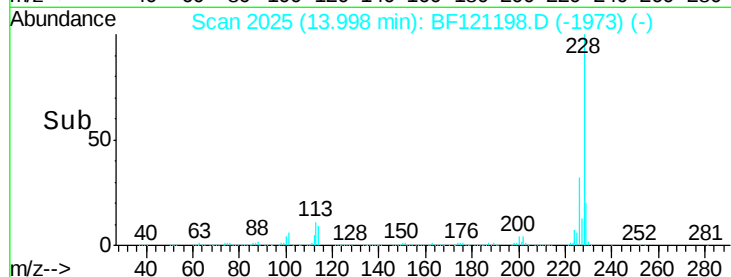
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.213 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

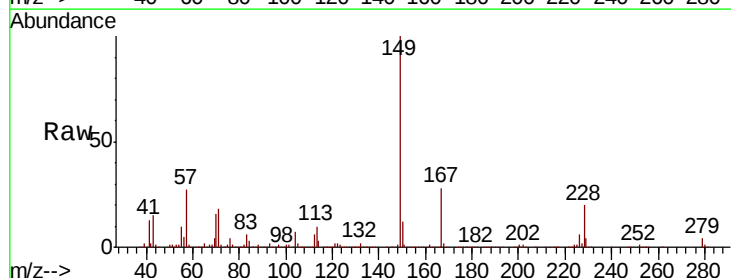
Tgt Ion:149 Resp: 918530

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

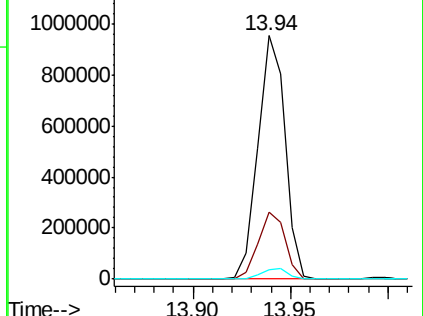
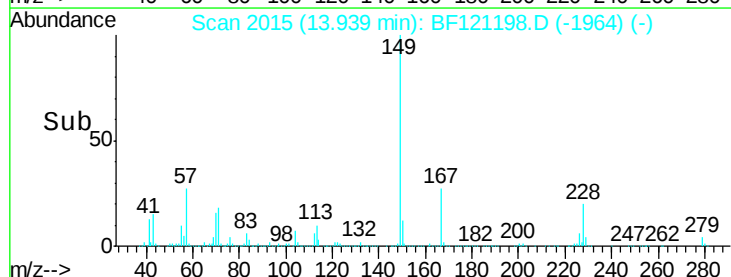
279 4.0 2.9 4.3

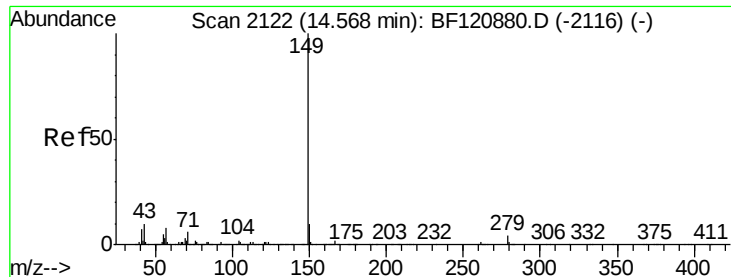


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.121 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

Instrument :

BNA_F

ClientSampleId :

COMP-CDMS

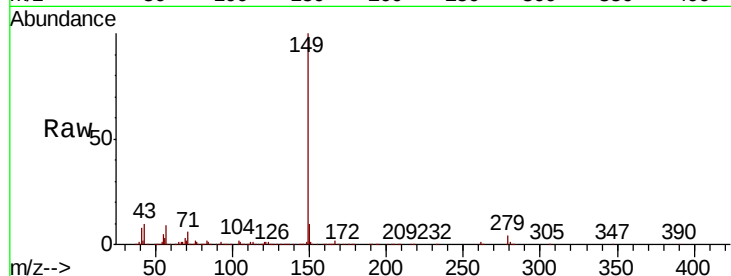
Tot Ion:149 Resp: 1712598

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

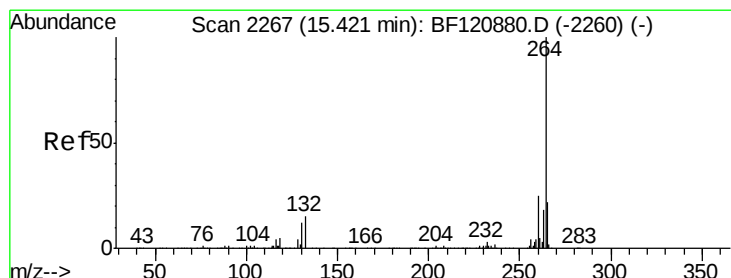
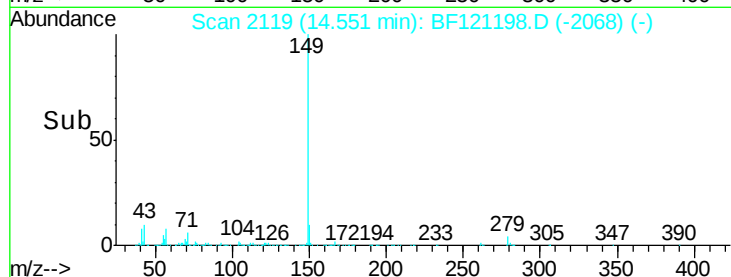
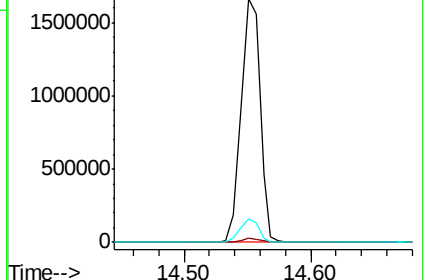
43 9.3 7.5 11.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF121198.D

Acq: 6 Aug 2020 11:59

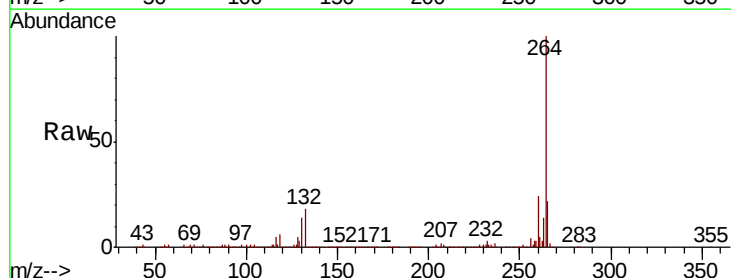
Tgt Ion:264 Resp: 513768

Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

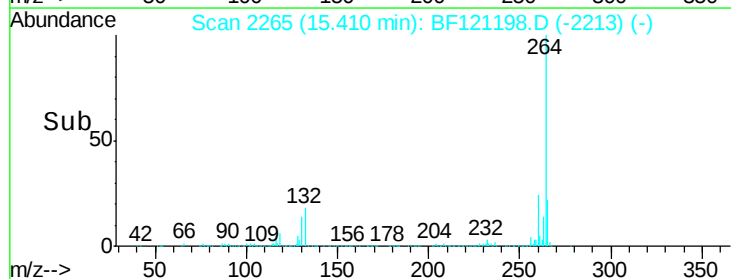
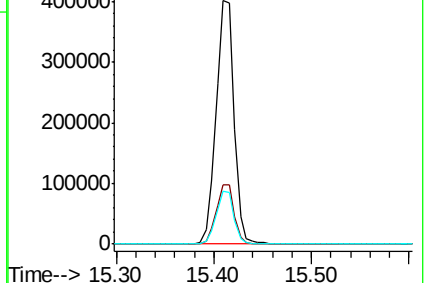
265 21.8 17.8 26.8

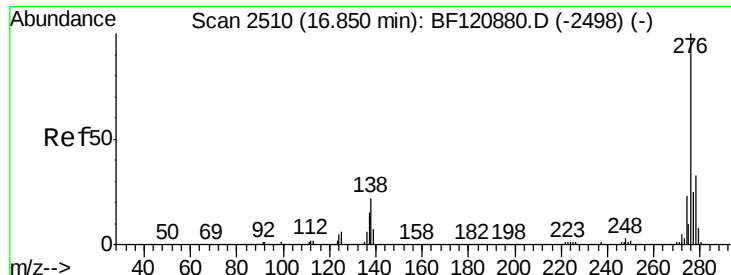


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

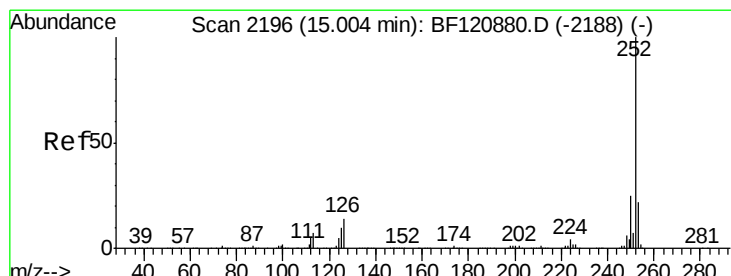
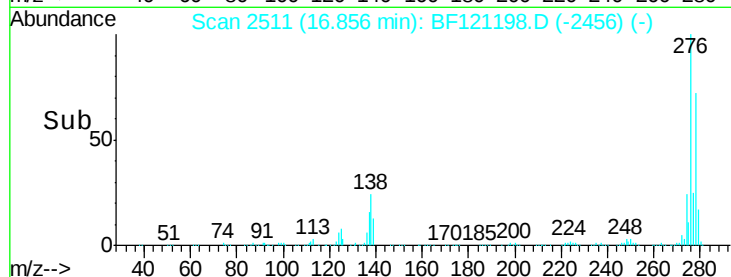
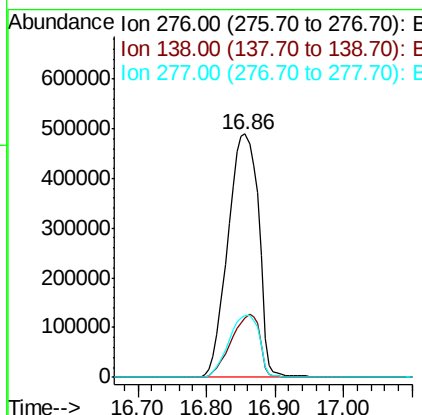
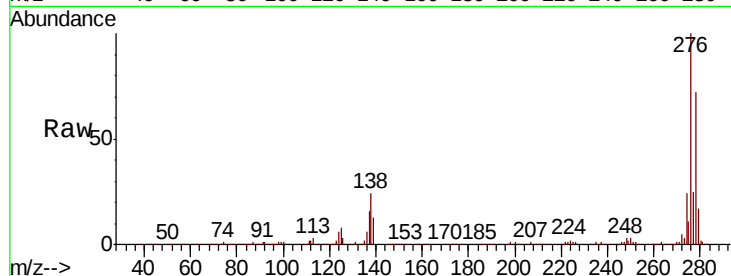




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.641 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

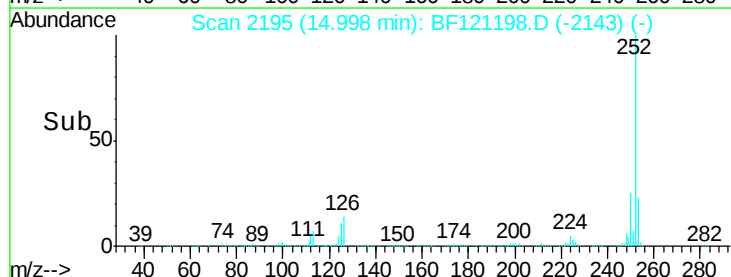
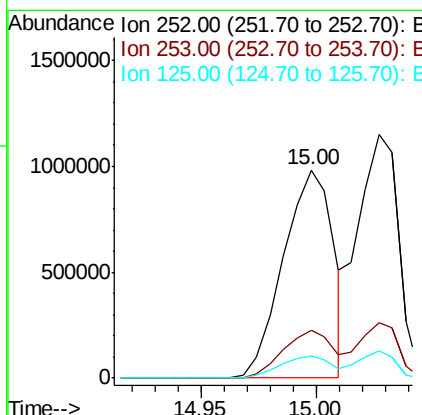
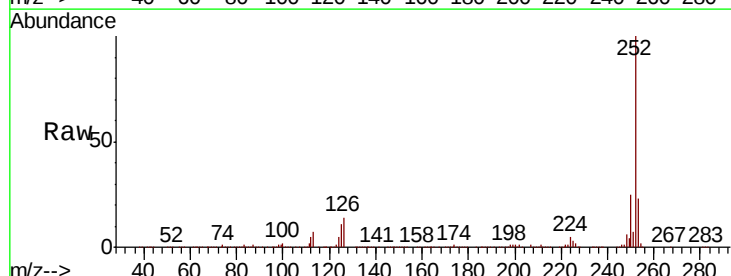
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMS

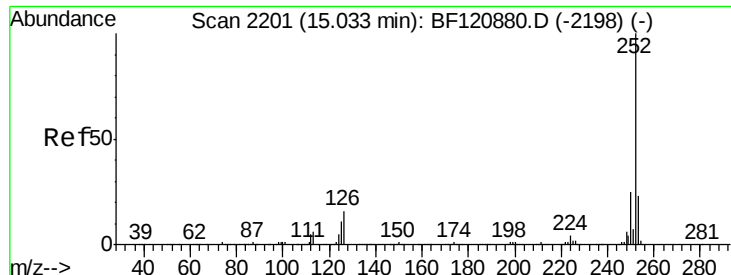
Tot Ion:276 Resp: 1523573
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.3 28.9
 277 25.4 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 47.590 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121198.D
 Acq: 6 Aug 2020 11:59

Tgt Ion:252 Resp: 1477928
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.9 26.9
 125 10.8 8.1 12.1

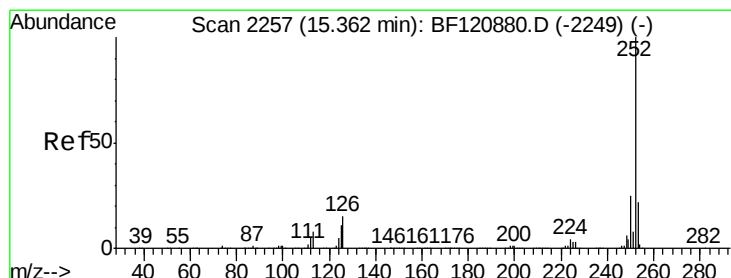
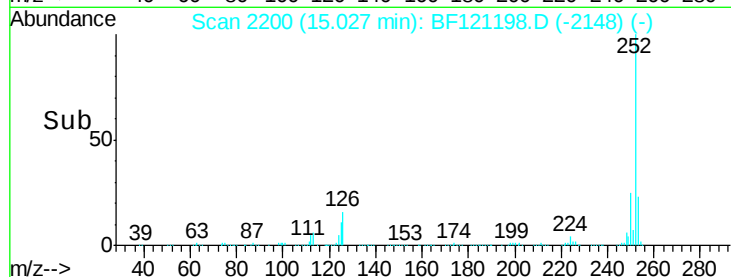
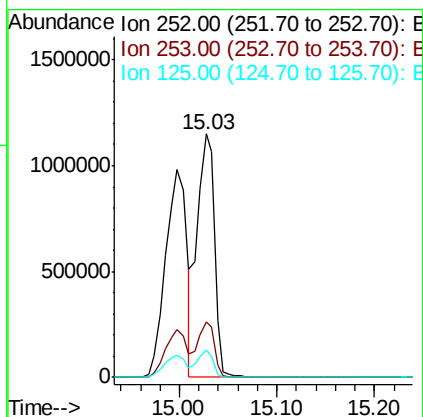
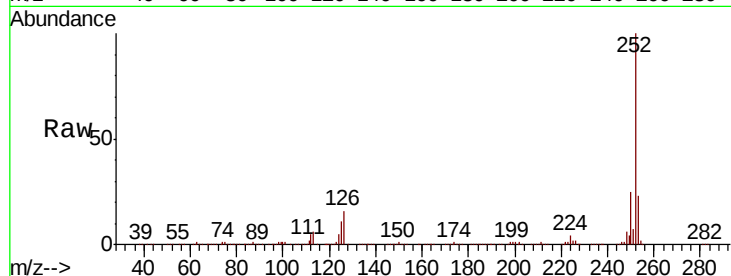




#89
Benzo(k)fluoranthene
Concen: 49.804 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

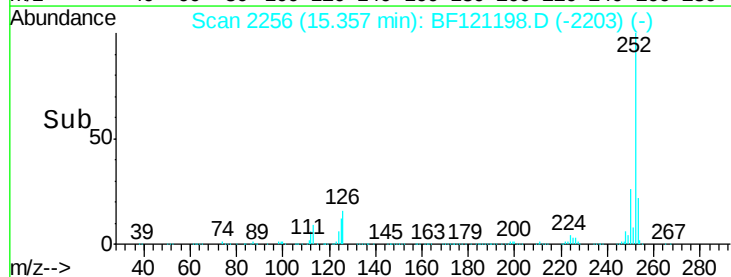
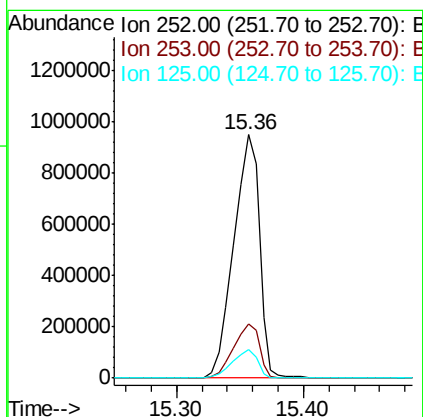
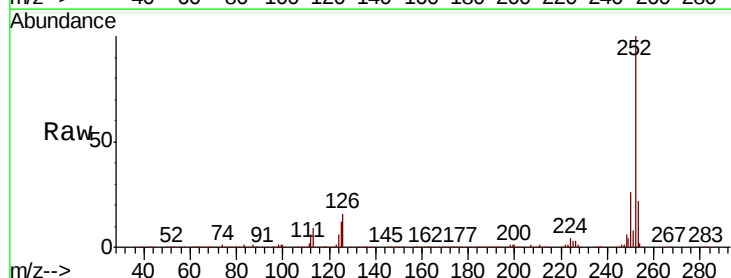
Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Tot Ion:252 Resp: 1410562
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.0 8.0 12.0



#90
Benzo(a)pyrene
Concen: 46.822 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:252 Resp: 1326641
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.7 9.5 14.3



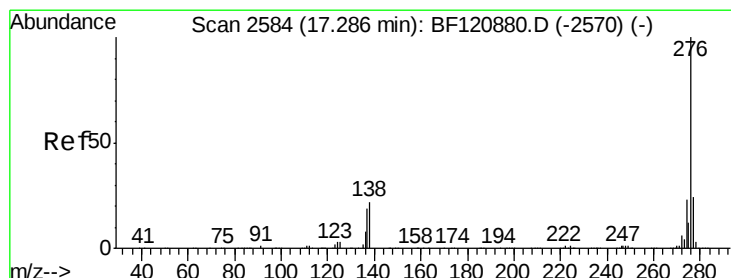
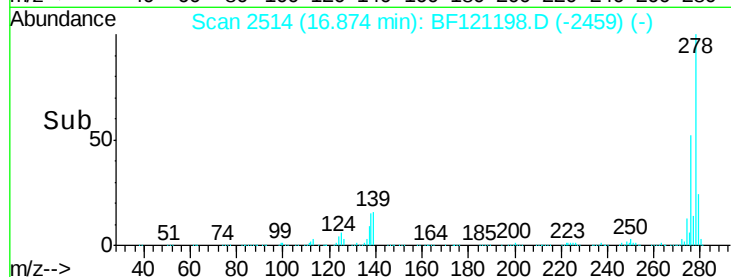
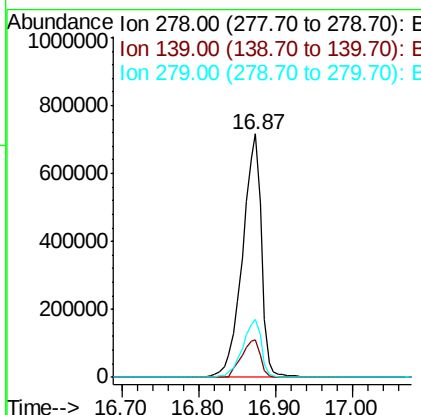
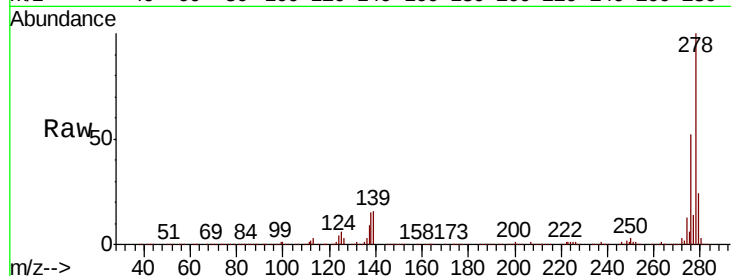


#91
Dibenzo(a,h)anthracene
Concen: 42.411 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Instrument :
BNA_F
ClientSampleId :
COMP-CDMS

Tot Ion:278 Resp: 1237824

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	18.8
279	23.9	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 44.724 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121198.D
Acq: 6 Aug 2020 11:59

Tgt Ion:276 Resp: 1287071

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	21.7	17.2	25.8

