

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120012.D
 Acq On : 16 Apr 2020 00:37
 Operator : MA/SJ
 Sample : L2244-12MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

Quant Time: Apr 16 04:26:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	178416	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	698432	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	359993	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	683370	20.00	ng	0.00
76) Chrysene-d12	13.90	240	446435	20.00	ng	0.00
87) Perylene-d12	15.32	264	358635	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1663676	161.15	ng	0.01
7) Phenol-d6	6.37	99	2293925	172.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1495270	110.76	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	676239	153.43	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2761579	108.91	ng	0.00
79) Terphenyl-d14	12.85	244	3466279	130.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	214091	46.559	ng	95
3) Pyridine	3.13	79	587308	46.552	ng	96
4) n-Nitrosodimethylamine	3.09	42	322071	49.965	ng	94
6) Aniline	6.39	93	726061	41.584	ng	98
8) 2-Chlorophenol	6.51	128	666194	57.753	ng	98
9) Benzaldehyde	6.27	77	295498	42.551	ng	97
10) Phenol	6.39	94	819460	54.298	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	628617	53.946	ng	99
12) 1,3-Dichlorobenzene	6.67	146	648700	51.367	ng	98
13) 1,4-Dichlorobenzene	6.75	146	655908	50.987	ng	98
14) 1,2-Dichlorobenzene	6.90	146	613027	51.708	ng	98
15) Benzyl Alcohol	6.87	79	530536	51.347	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1095618	48.317	ng	98
17) 2-Methylphenol	6.99	107	540022	52.459	ng	98
18) Hexachloroethane	7.24	117	251544	52.321	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	458278	53.572	ng	96
20) 3+4-Methylphenols	7.15	107	645652	51.283	ng	95
22) Acetophenone	7.15	105	861466	52.673	ng	97
24) Nitrobenzene	7.32	77	676055	49.779	ng	99
25) Isophorone	7.56	82	1292440	49.661	ng	98
26) 2-Nitrophenol	7.63	139	363290	53.542	ng	99
27) 2,4-Dimethylphenol	7.67	122	552485	53.989	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	814923	53.213	ng	99
29) 2,4-Dichlorophenol	7.87	162	546945	52.143	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	584147	49.149	ng	98
31) Naphthalene	8.03	128	1829877	49.797	ng	99
32) Benzoic acid	7.82	122	365458	40.664	ng	95
33) 4-Chloroaniline	8.08	127	374763	23.427	ng	98
34) Hexachlorobutadiene	8.15	225	335396	47.142	ng	99
35) Caprolactam	8.53	113	62226	19.393	ng	97
36) 4-Chloro-3-methylphenol	8.58	107	598871	52.734	ng	94
37) 2-Methylnaphthalene	8.73	142	1277429	51.276	ng	99
38) 1-Methylnaphthalene	8.83	142	1197859	51.013	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	559133	49.176	ng	99

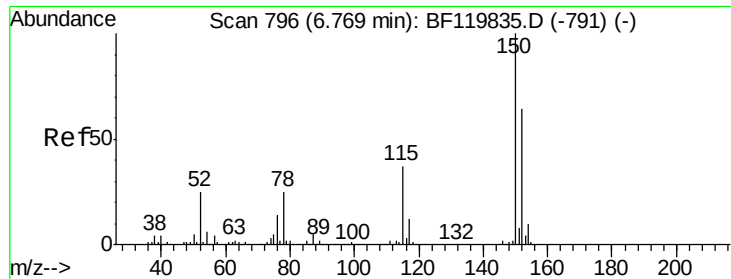
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120012.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	570181	88.188	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	414522	52.795	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	435084	49.200	nq	98
46) 1,1'-Biphenyl	9.19	154	1525187	50.195	nq	97
47) 2-Chloronaphthalene	9.22	162	1201617	51.335	nq	97
48) 2-Nitroaniline	9.32	65	423619	49.940	nq	98
49) Acenaphthylene	9.63	152	1842345	51.754	nq	98
50) Dimethylphthalate	9.50	163	1558562	55.973	nq	100
51) 2,6-Dinitrotoluene	9.56	165	315746	51.782	nq	88
52) Acenaphthene	9.80	154	1119651	47.151	nq	99
53) 3-Nitroaniline	9.73	138	198983	28.573	nq	95
54) 2,4-Dinitrophenol	9.83	184	188262	51.570	nq	# 91
55) Dibenzofuran	9.98	168	1646509	50.528	nq	98
56) 4-Nitrophenol	9.90	139	499898	96.476	nq	94
57) 2,4-Dinitrotoluene	9.97	165	401166	49.936	nq	95
58) Fluorene	10.32	166	1263838	48.496	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	354681	52.441	nq	99
60) Diethylphthalate	10.20	149	1437744	49.819	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	622446	46.601	nq	97
62) 4-Nitroaniline	10.35	138	329021	49.576	nq	99
63) Azobenzene	10.47	77	1359755	52.574	nq	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	175322	38.942	nq	87
66) n-Nitrosodiphenylamine	10.44	169	1198849	52.750	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	392608	46.198	nq	99
68) Hexachlorobenzene	10.87	284	422162	48.967	nq	100
69) Atrazine	10.97	200	350802	55.477	nq	98
70) Pentachlorophenol	11.06	266	405081	81.534	nq	98
71) Phenanthrene	11.28	178	1843994	50.701	nq	97
72) Anthracene	11.33	178	1913804	51.510	nq	100
73) Carbazole	11.49	167	1764753	50.227	nq	99
74) Di-n-butylphthalate	11.83	149	2269062	49.126	nq	99
75) Fluoranthene	12.47	202	1990345	50.719	nq	99
77) Benzidine	12.59	184	830462	55.031	nq	96
78) Pyrene	12.70	202	1979234	52.590	nq	98
80) Butylbenzylphthalate	13.32	149	916566	50.190	nq	97
81) Benzo(a)anthracene	13.89	228	1485004	50.563	nq	100
82) 3,3'-Dichlorobenzidine	13.85	252	311726	28.446	nq	98
83) Chrysene	13.93	228	1547952	51.872	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1172208	47.400	nq	98
85) Di-n-octyl phthalate	14.50	149	1991806	47.303	nq	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1279244	48.631	nq	98
88) Benzo(b)fluoranthene	14.92	252	1397042	54.150	nq	99
89) Benzo(k)fluoranthene	14.94	252	1188121	53.374	nq	100
90) Benzo(a)pyrene	15.26	252	1146169	52.838	nq	97
91) Dibenzo(a,h)anthracene	16.72	278	1049438	54.617	nq	98
92) Benzo(g,h,i)perylene	17.12	276	1046229	55.161	nq	95

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

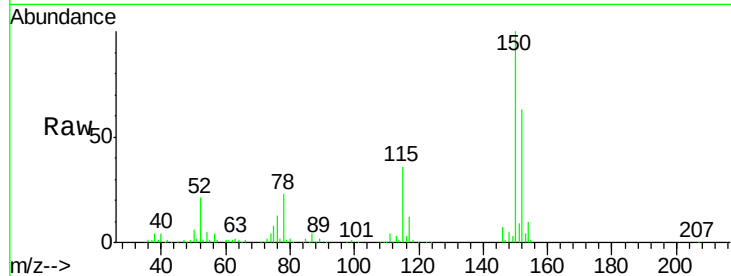


#1

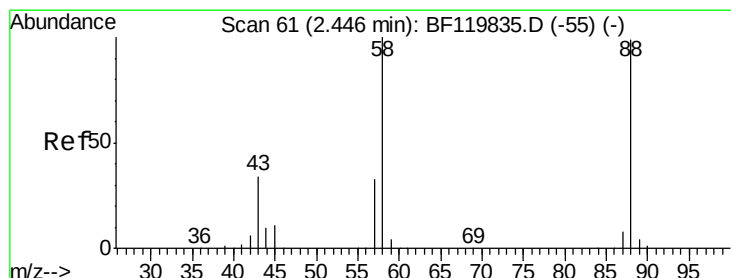
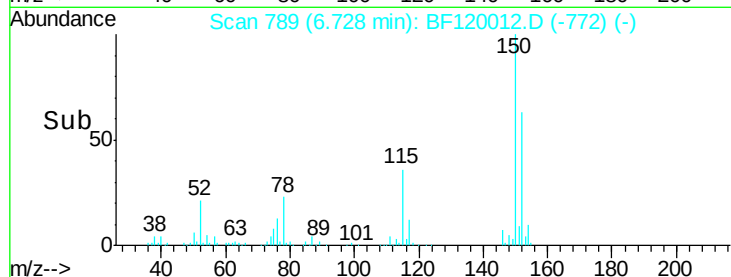
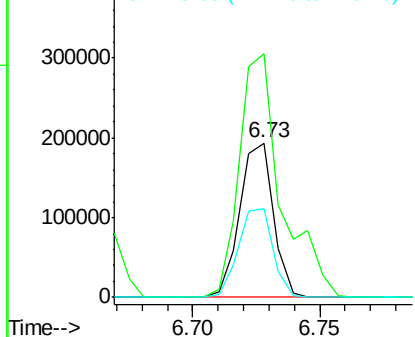
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

Tot Ion:152 Resp: 178416
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.8 187.2
 115 57.2 46.5 69.7



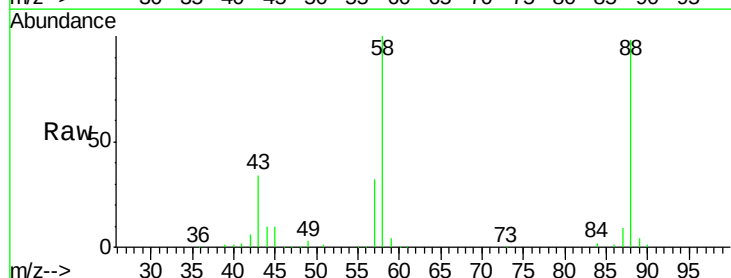
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



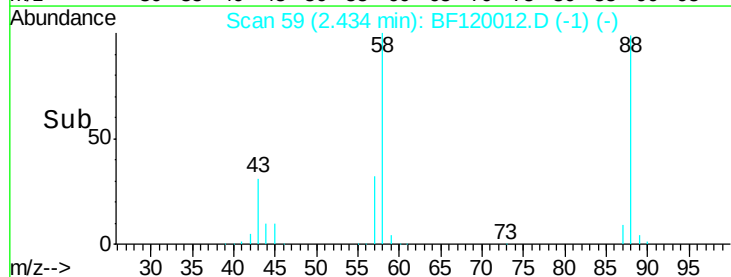
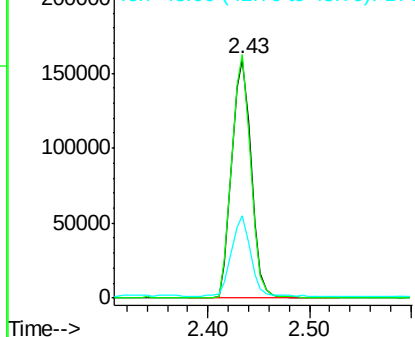
#2

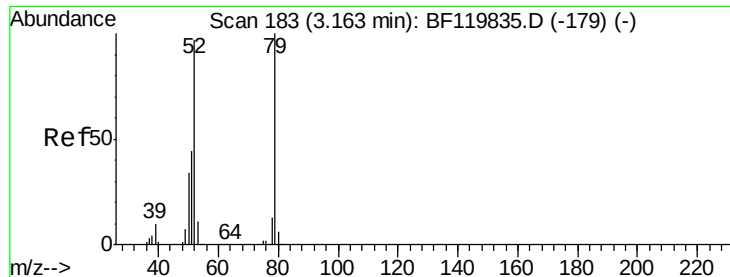
1,4-Dioxane
 Concen: 46.559 ng
 RT: 2.43 min Scan# 59
 Delta R.T. 0.06 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion: 88 Resp: 214091
 Ion Ratio Lower Upper
 88 100
 58 98.0 82.6 123.8
 43 33.8 28.6 42.8



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





#3

Pvridine

Concen: 46.552 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.06 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

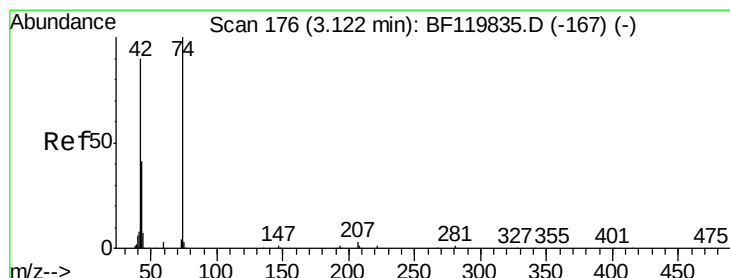
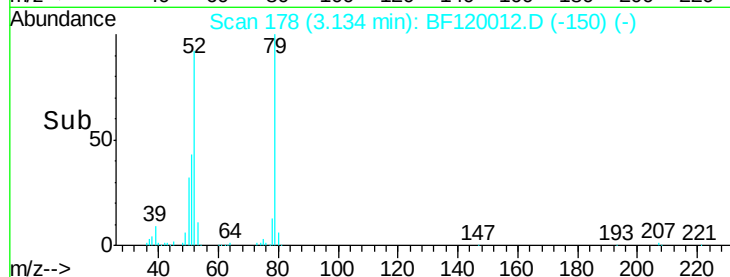
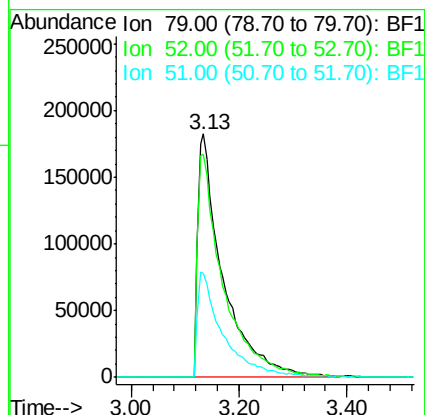
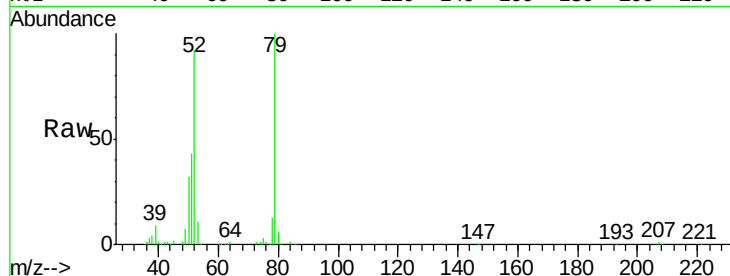
Tot Ion: 79 Resp: 587308

Ion Ratio Lower Upper

79 100

52 91.9 77.4 116.0

51 42.8 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 49.965 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.06 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

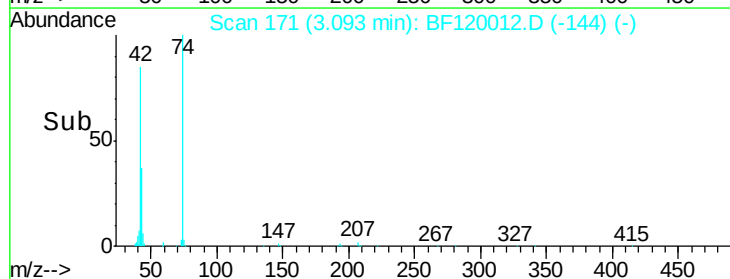
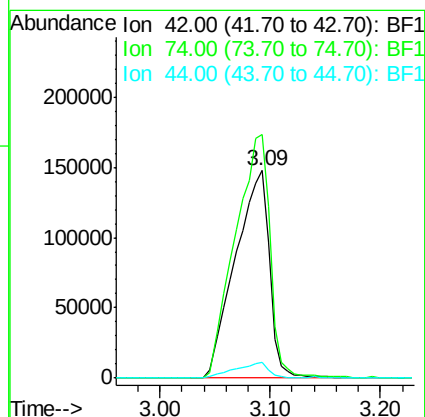
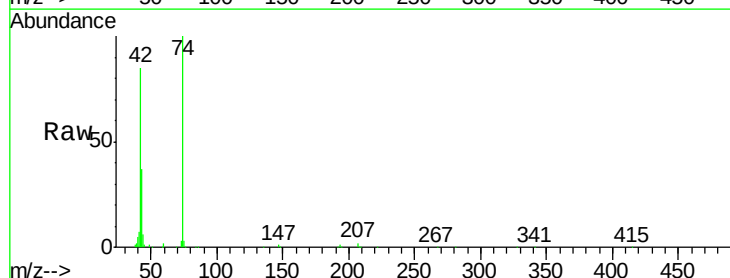
Tgt Ion: 42 Resp: 322071

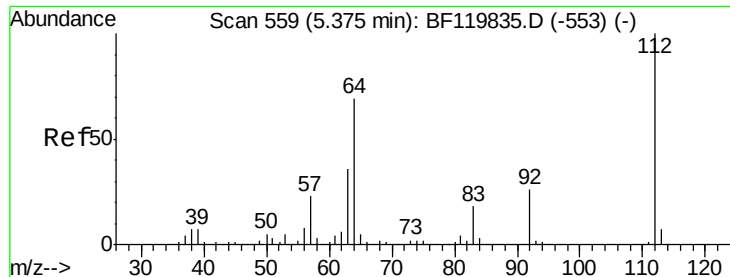
Ion Ratio Lower Upper

42 100

74 117.4 89.0 133.4

44 7.4 6.2 9.4





#5

2-Fluorophenol

Concen: 161.148 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

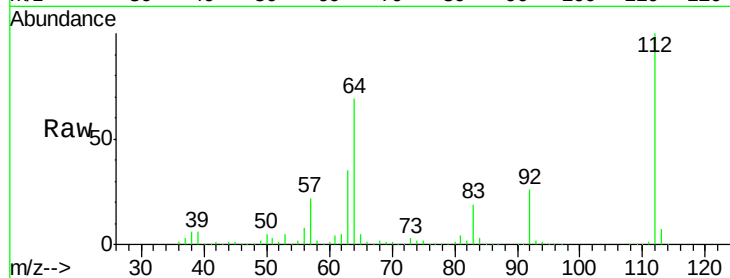
Tot Ion:112 Resp: 1663676

Ion Ratio Lower Upper

112 100

64 69.0 55.5 83.3

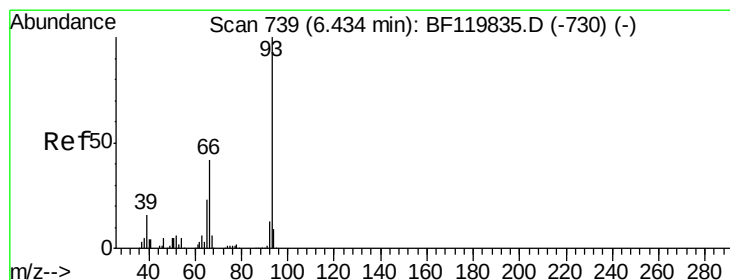
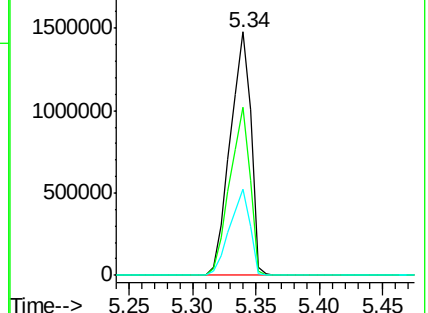
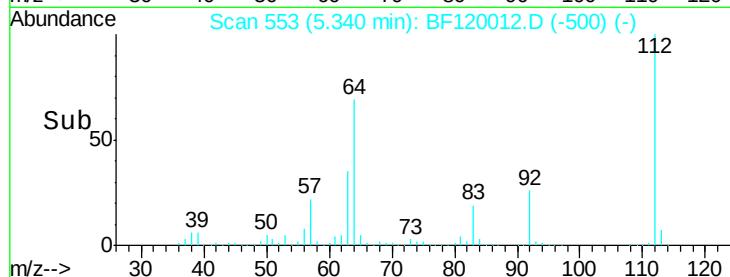
63 35.2 29.1 43.7



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: 41.584 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

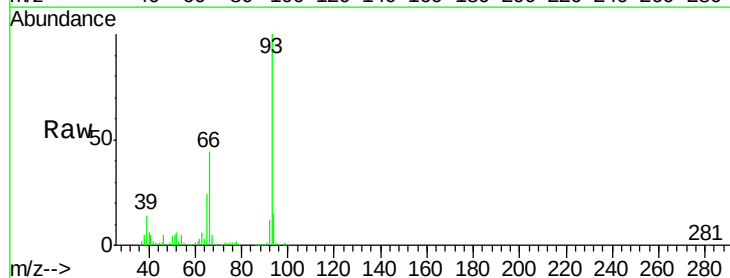
Tgt Ion: 93 Resp: 726061

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.2

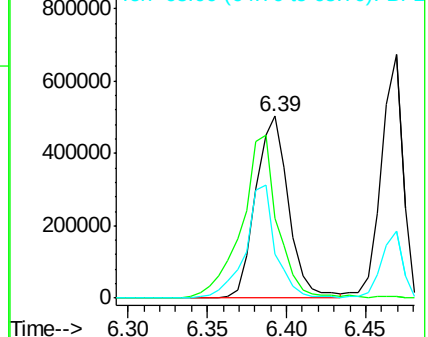
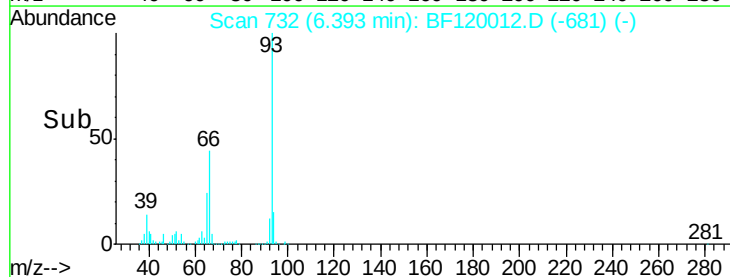
65 24.0 18.3 27.5

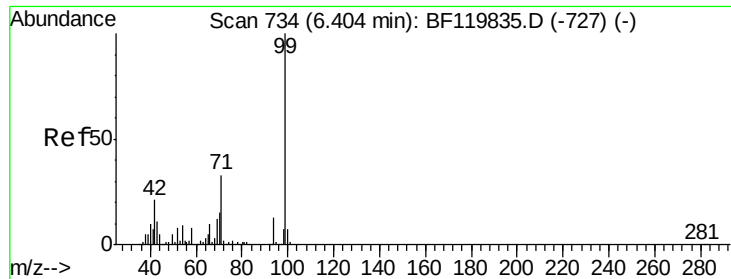


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 172.439 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

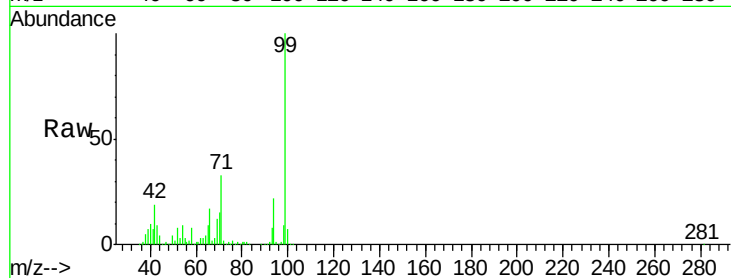
Tot Ion: 99 Resp: 2293925

Ion Ratio Lower Upper

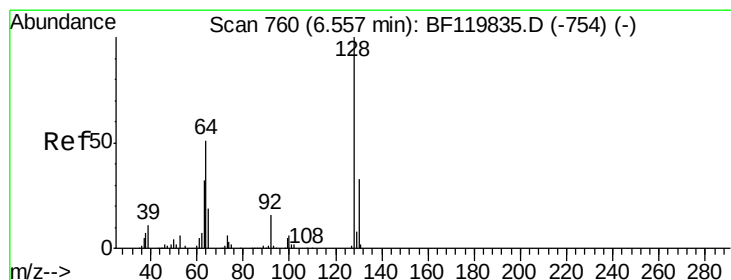
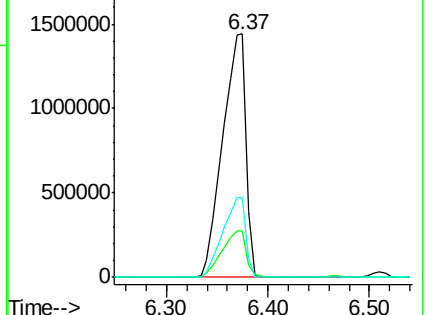
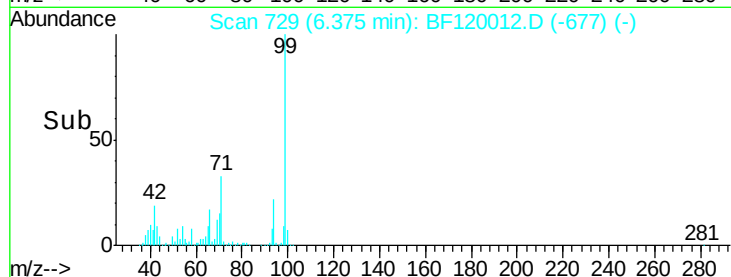
99 100

42 19.1 16.9 25.3

71 32.8 26.3 39.5



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: 57.753 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

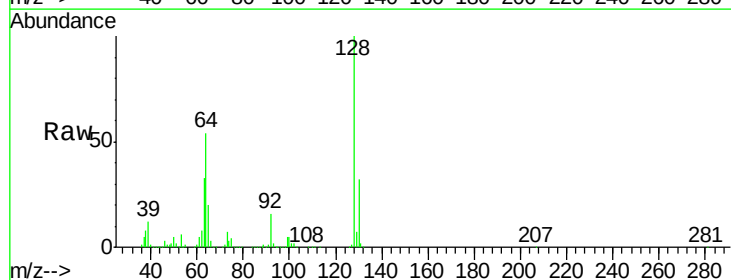
Tgt Ion: 128 Resp: 666194

Ion Ratio Lower Upper

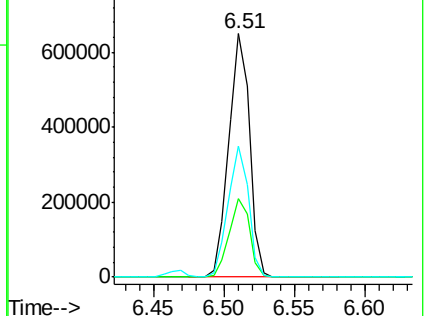
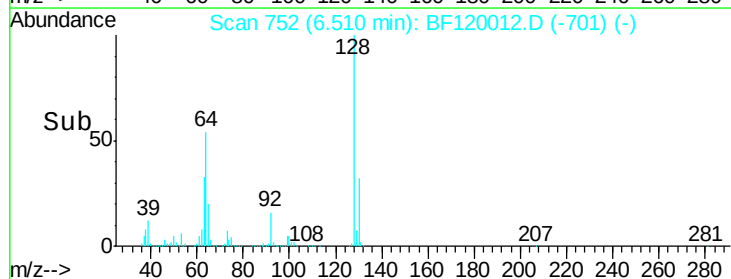
128 100

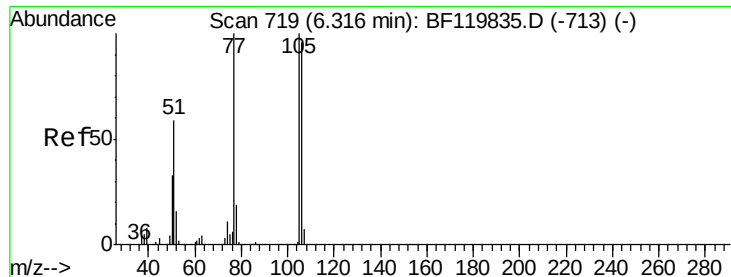
130 32.3 12.6 52.6

64 53.6 32.0 72.0



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: 42.551 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

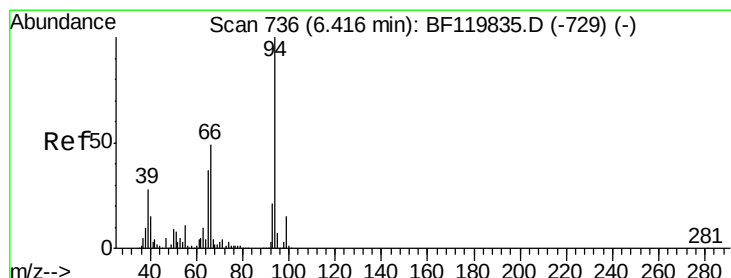
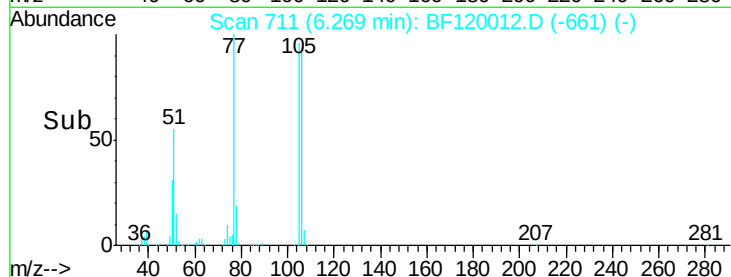
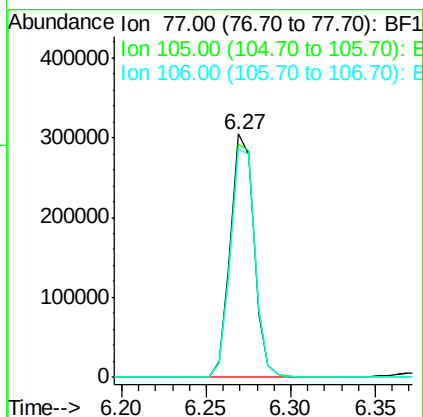
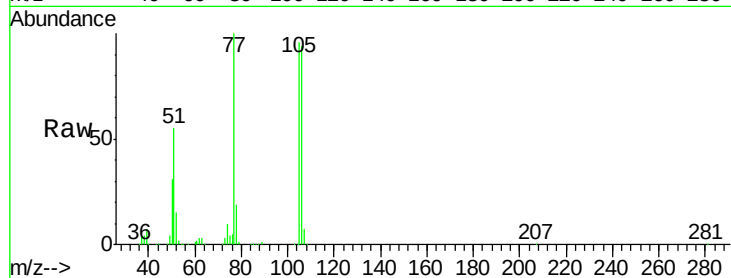
Tot Ion: 77 Resp: 295498

Ion Ratio Lower Upper

77 100

105 96.0 79.9 119.9

106 93.8 76.4 116.4



#10

Phenol

Concen: 54.298 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

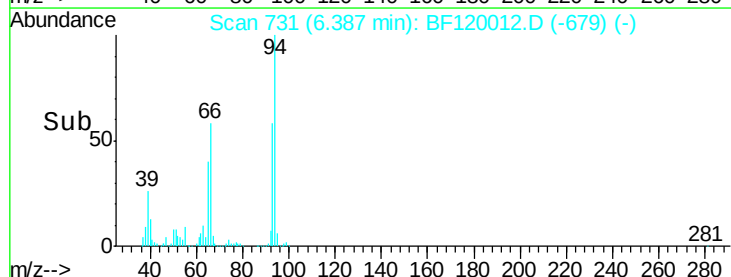
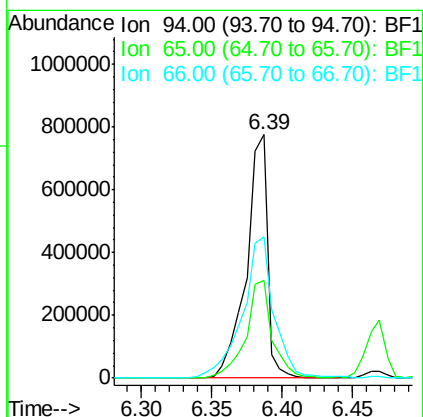
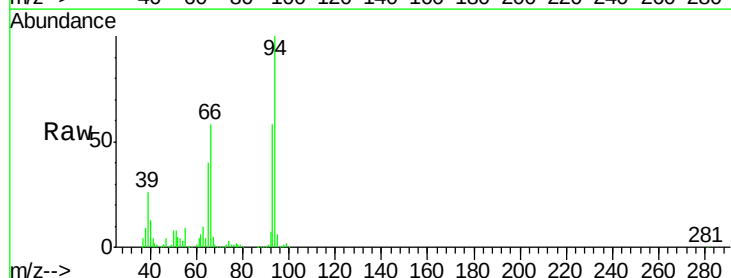
Tgt Ion: 94 Resp: 819460

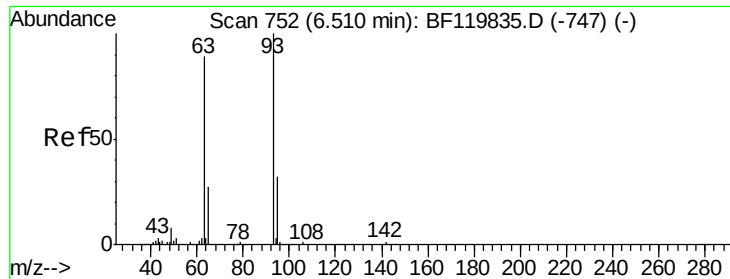
Ion Ratio Lower Upper

94 100

65 40.2 16.6 56.6

66 58.0 29.3 69.3

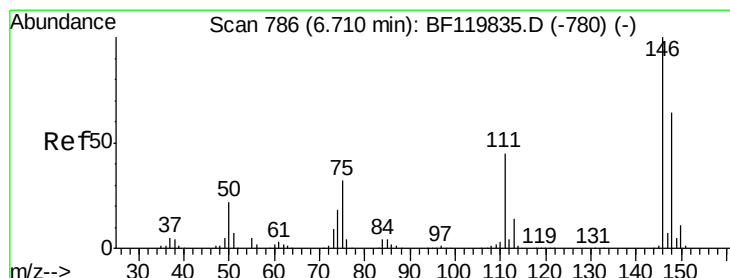
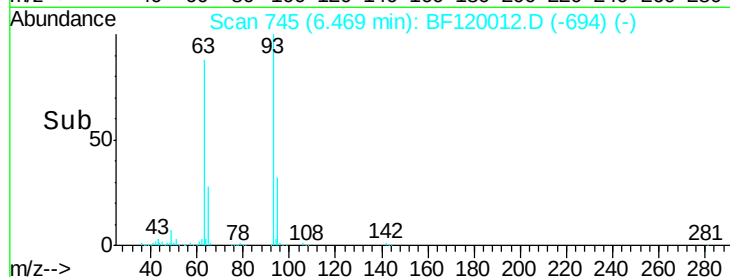
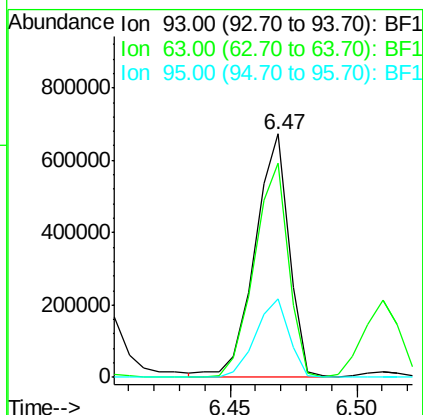
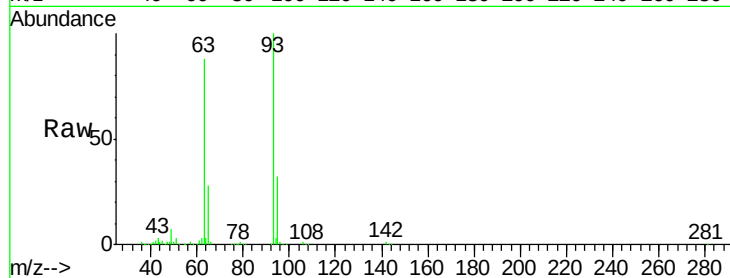




#11
bis(2-Chloroethyl)ether
Concen: 53.946 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

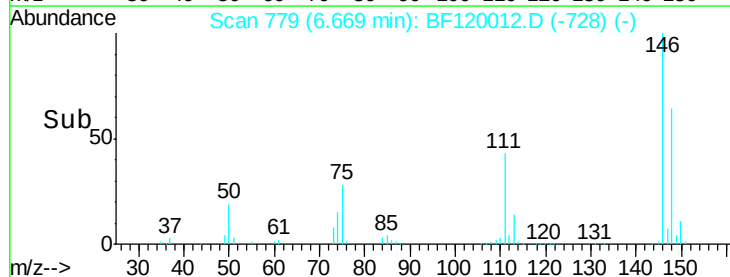
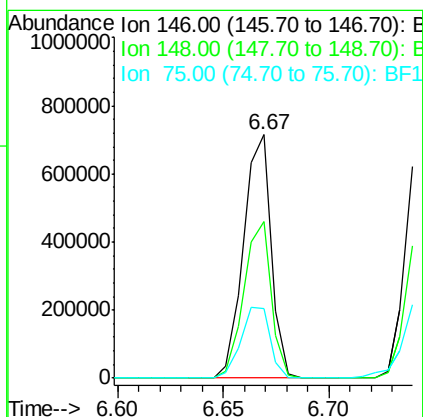
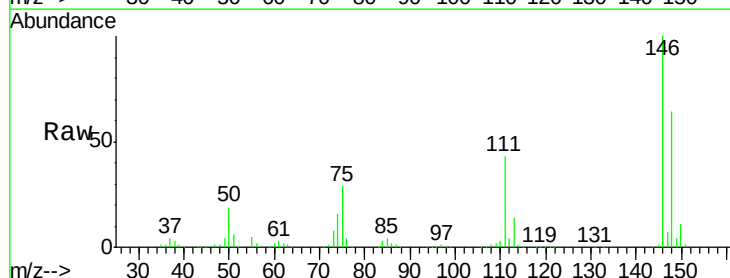
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

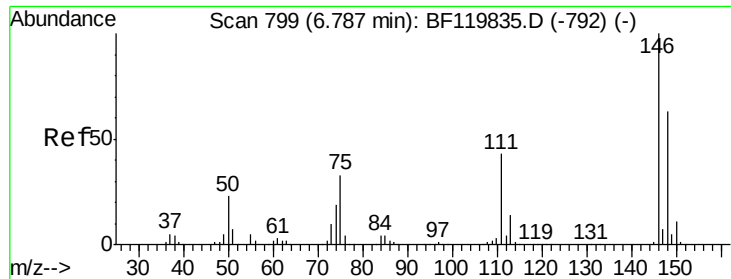
Tot Ion: 93 Resp: 628617
Ion Ratio Lower Upper
93 100
63 87.8 69.1 109.1
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.367 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion: 146 Resp: 648700
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 28.8 25.3 37.9

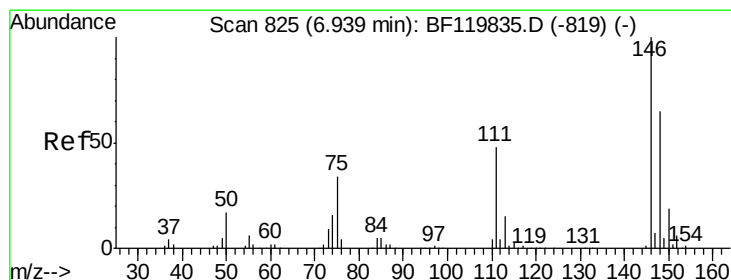
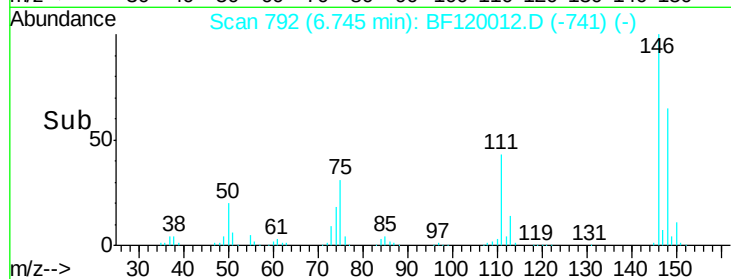
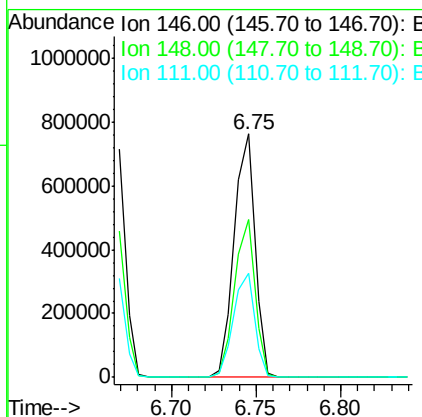
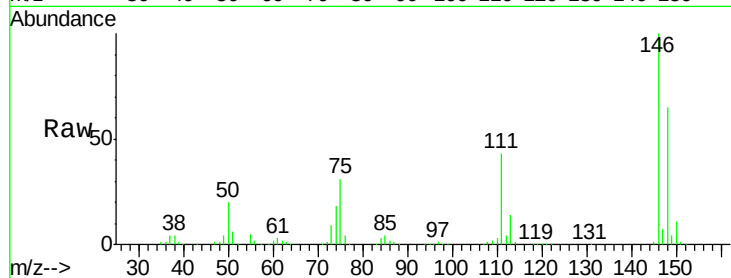




#13
 1,4-Dichlorobenzene
 Concen: 50.987 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

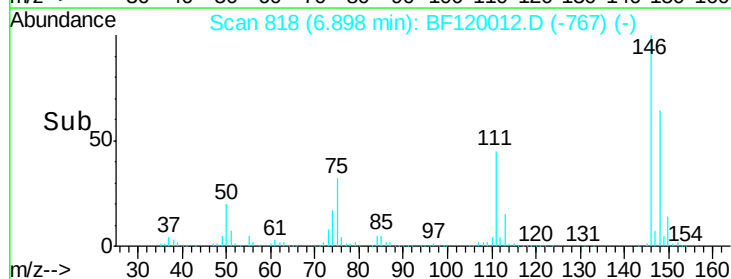
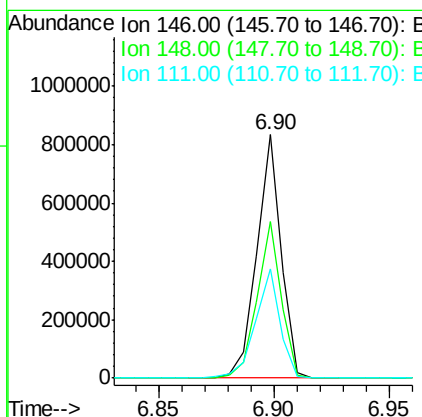
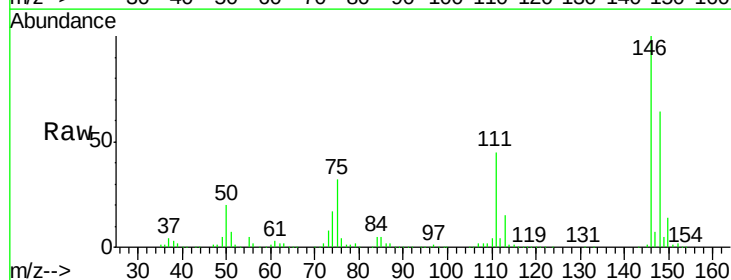
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

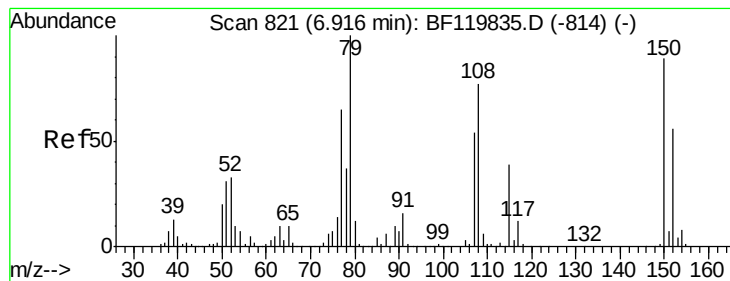
Tot Ion:146 Resp: 655908
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.5 75.7
 111 42.9 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 51.708 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:146 Resp: 613027
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 44.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 51.347 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

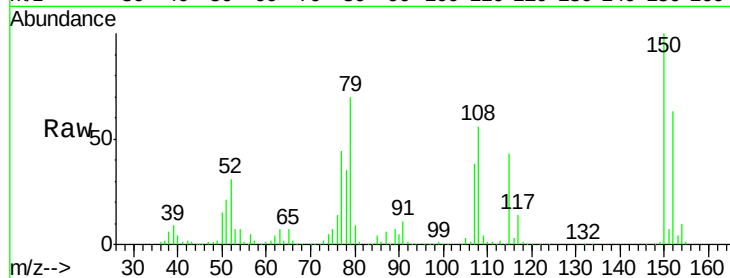
Tot Ion: 79 Resp: 530536

Ion Ratio Lower Upper

79 100

108 79.4 62.0 93.0

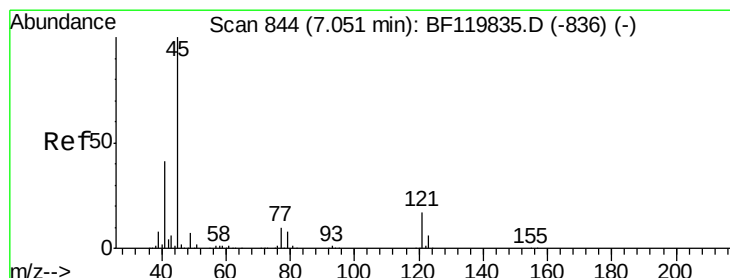
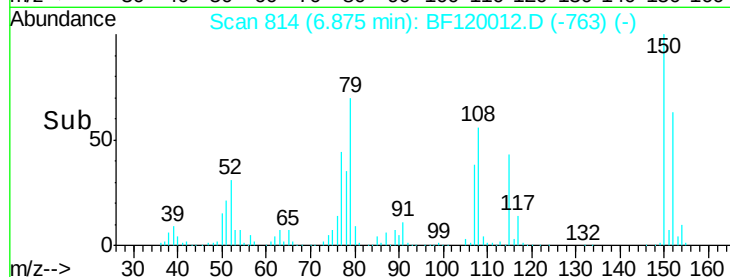
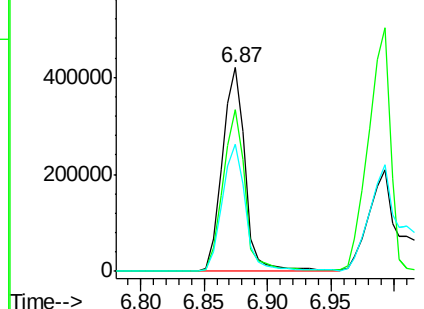
77 62.6 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.317 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

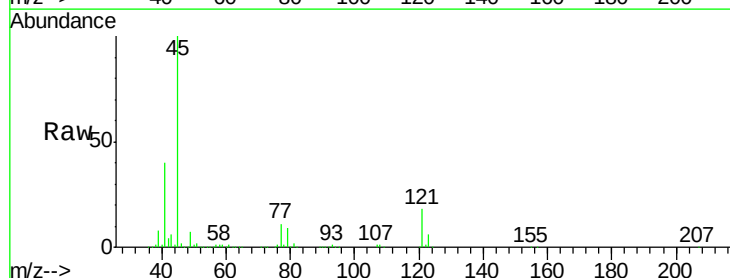
Tgt Ion: 45 Resp: 1095618

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.7

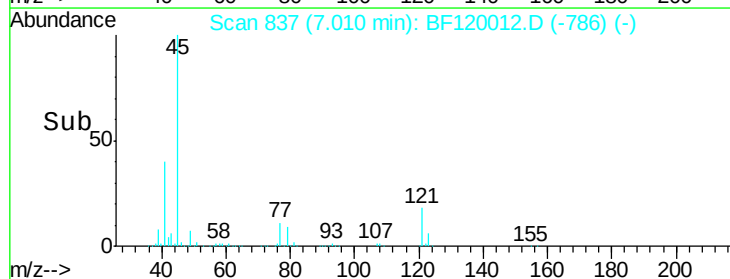
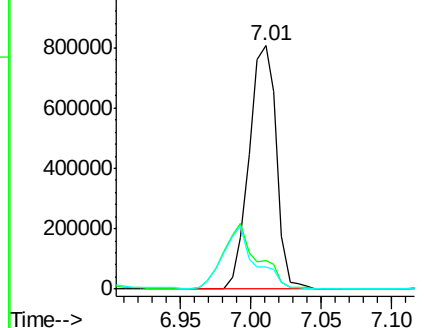
79 9.1 0.0 28.6

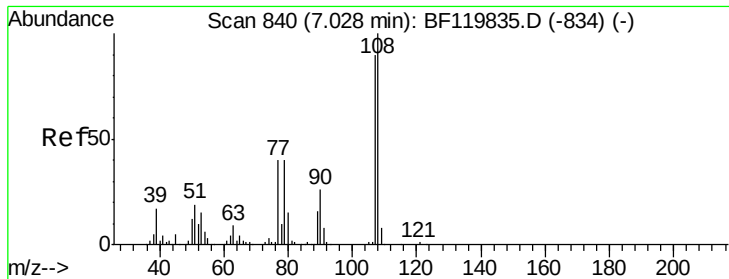


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

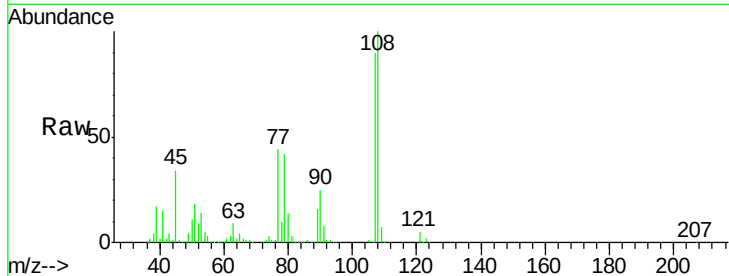




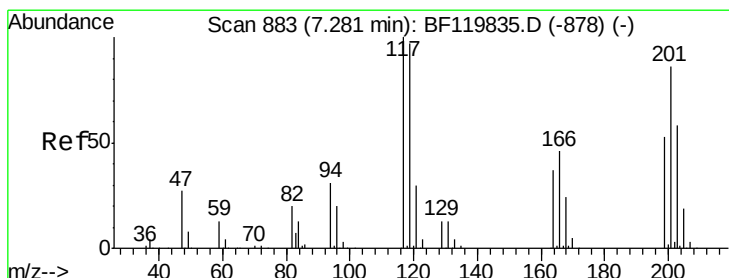
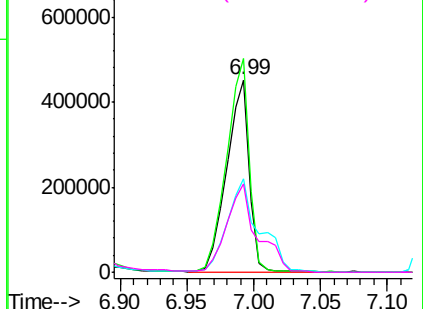
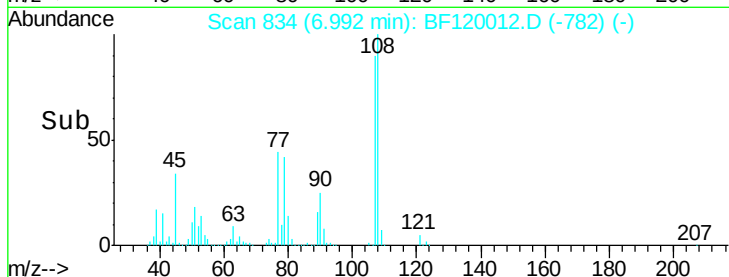
#17
2-Methylphenol
Concen: 52.459 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

Tot Ion:	107	Resp:	540022
Ion	Ratio	Lower	Upper
107	100		
108	111.0	88.8	133.2
77	48.5	36.0	54.0
79	46.2	35.7	53.5

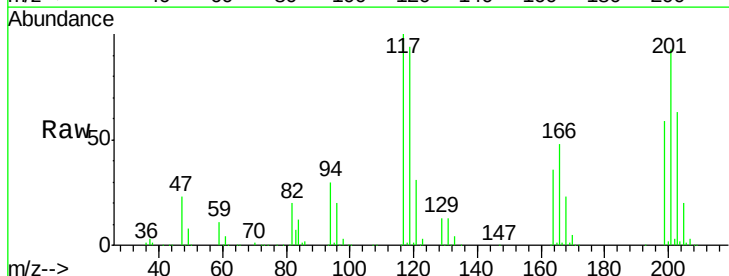


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

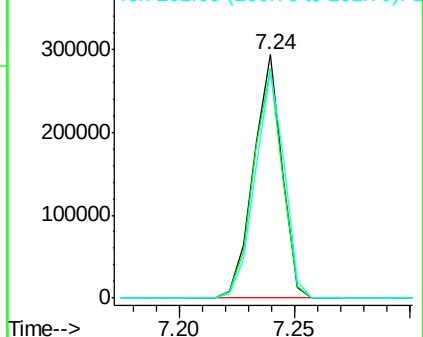
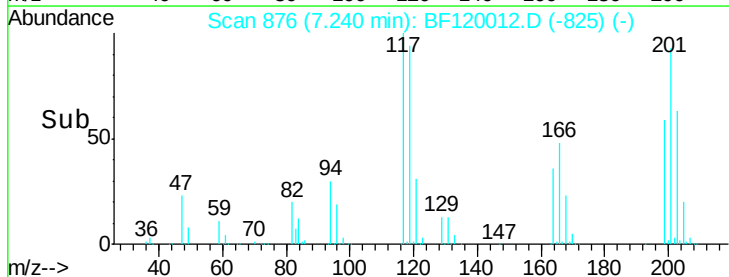


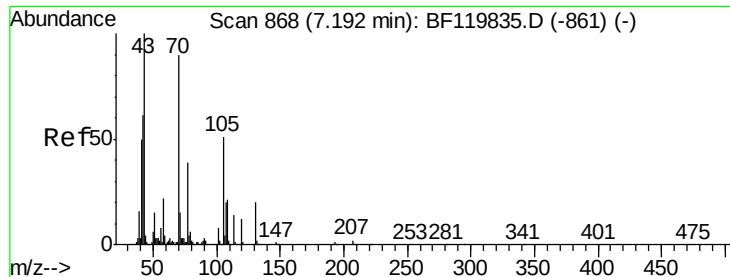
#18
Hexachloroethane
Concen: 52.321 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion:	117	Resp:	251544
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
201	93.5	68.4	102.6



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

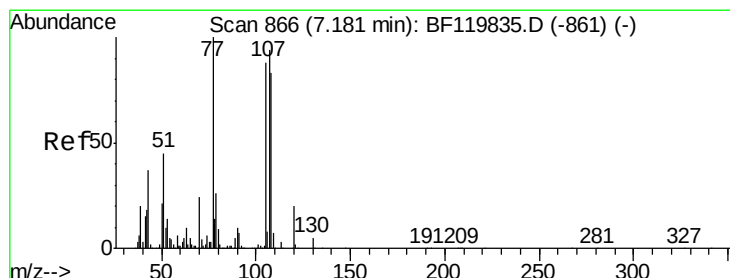
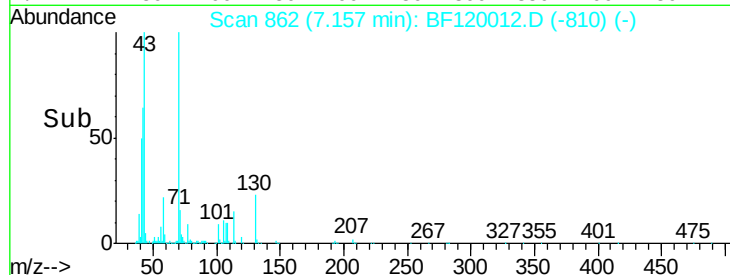
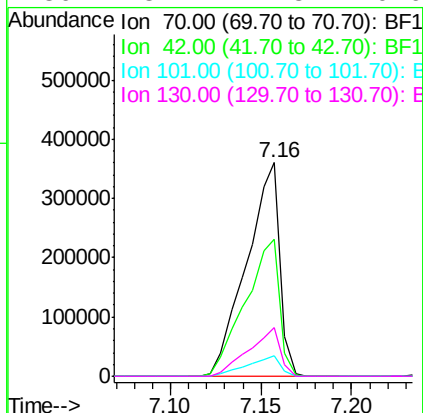
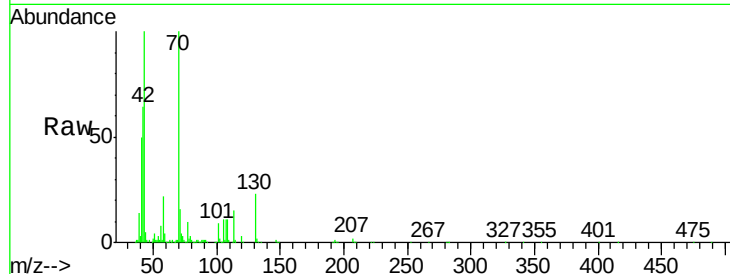




#19
 n-Nitroso-di-n-propylamine
 Concen: 53.572 ng
 RT: 7.16 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

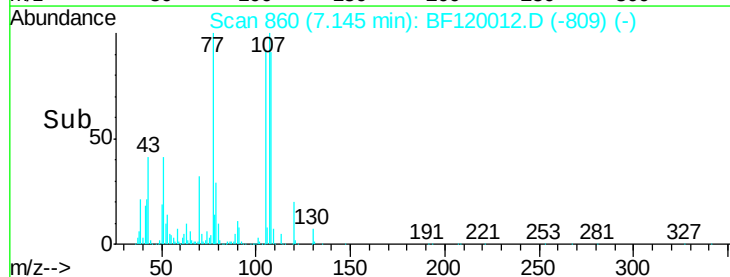
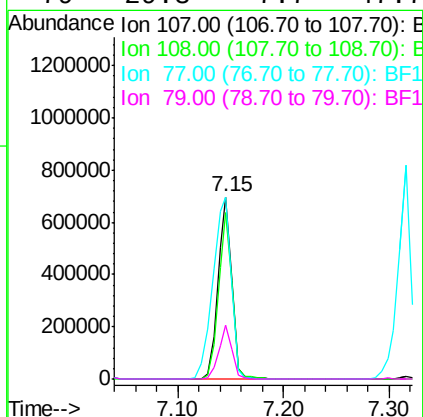
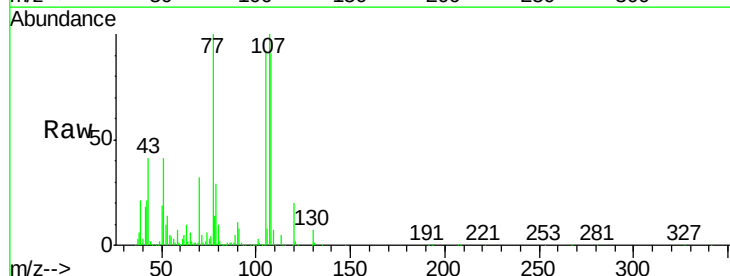
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

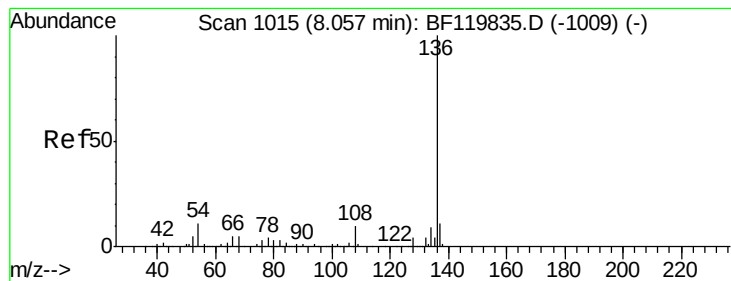
Tot Ion:	70	Resp:	458278
Ion	Ratio	Lower	Upper
70	100		
42	64.0	54.2	81.4
101	9.5	7.4	11.2
130	23.1	17.8	26.6



#20
 3+4-Methylphenols
 Concen: 51.283 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:	107	Resp:	645652
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	100.1	86.6	126.6
79	29.3	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

Tot Ion:136 Resp: 698432

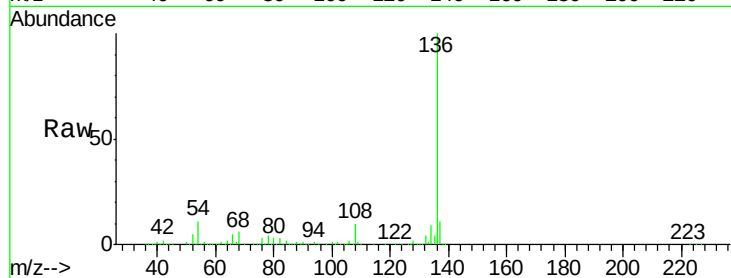
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.8 8.5 12.7

68 5.7 3.9 5.9

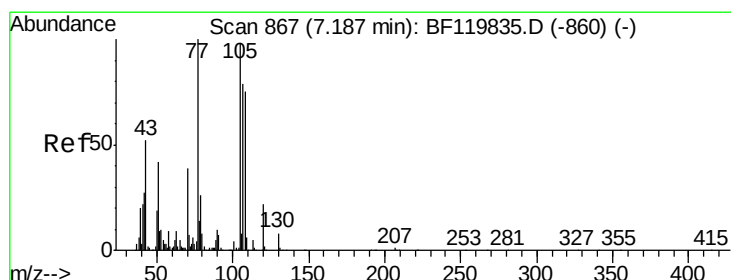
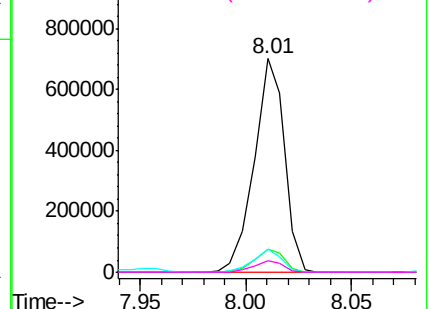
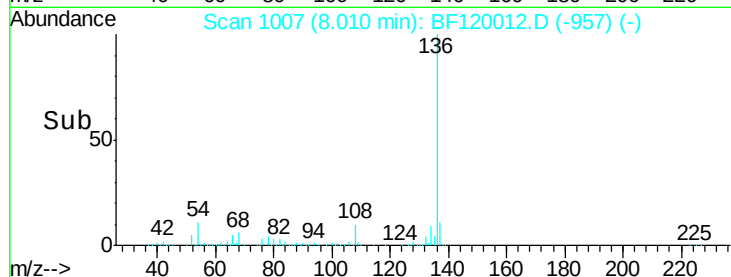


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.673 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Tgt Ion:105 Resp: 861466

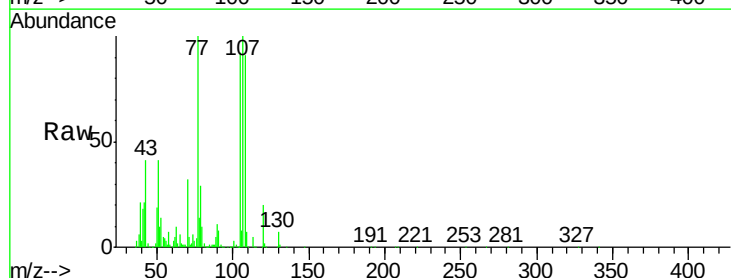
Ion Ratio Lower Upper

105 100

71 5.7 5.6 8.4

51 44.6 33.9 50.9

120 21.8 17.8 26.8

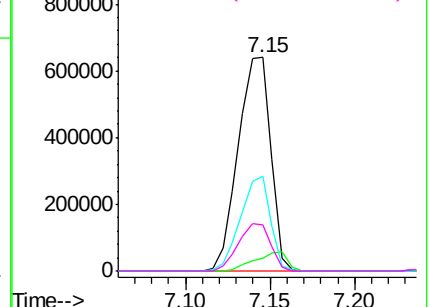
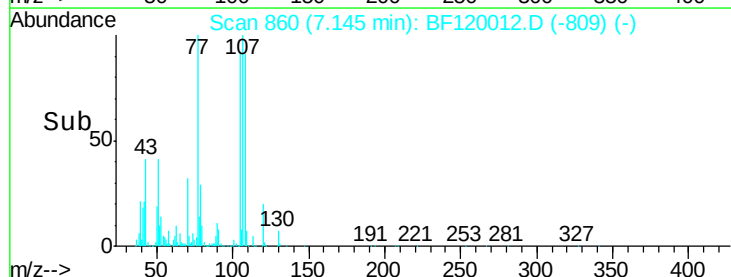


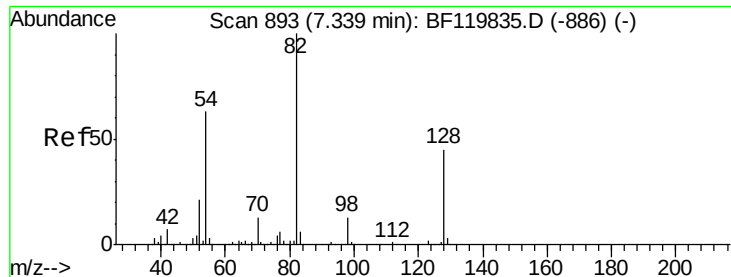
Abundance Ion 105.00 (104.70 to 105.70): E

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

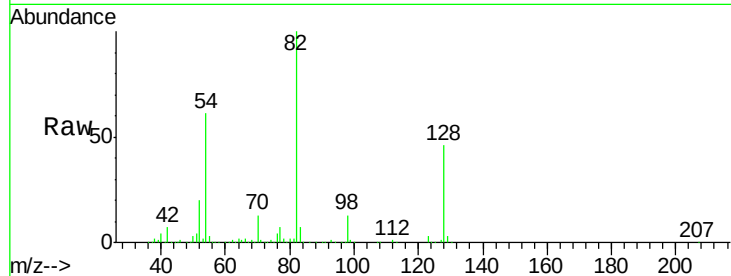




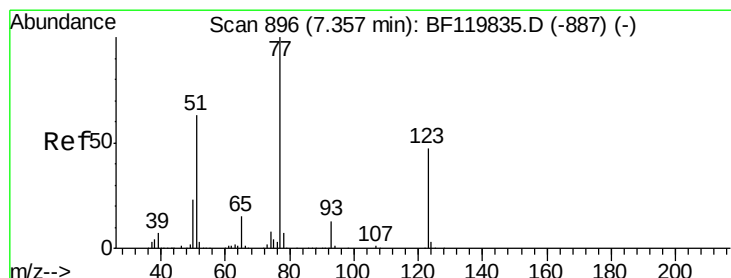
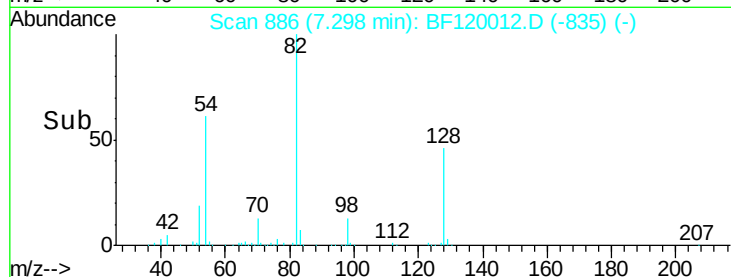
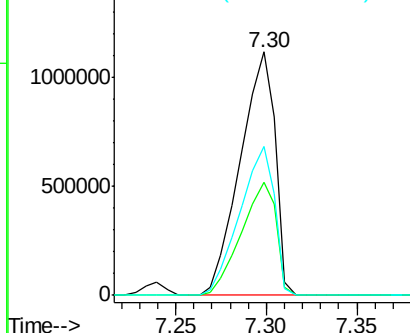
#23
 Nitrobenzene-d5
 Concen: 110.756 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

Tot Ion: 82 Resp: 1495270
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.2 54.4
 54 61.4 50.4 75.6

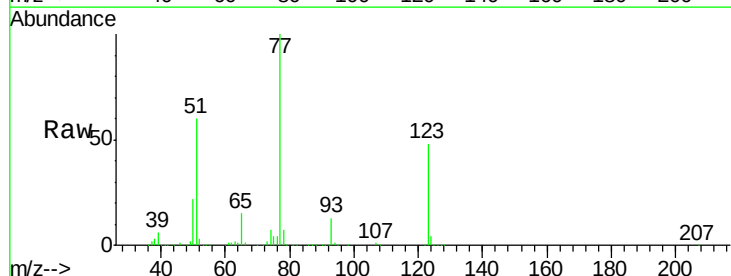


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

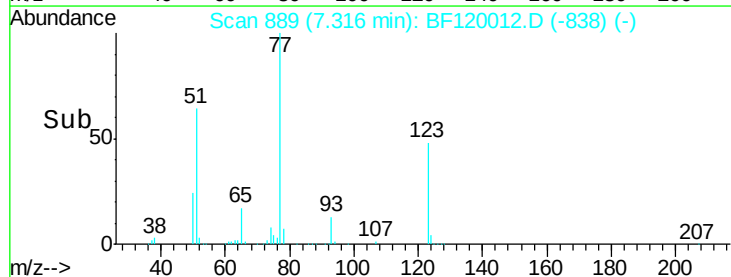
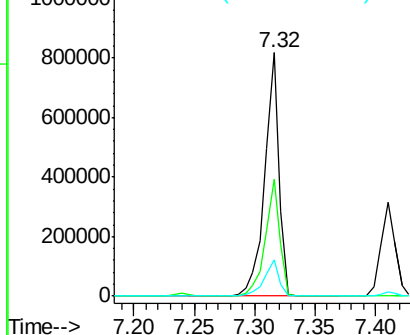


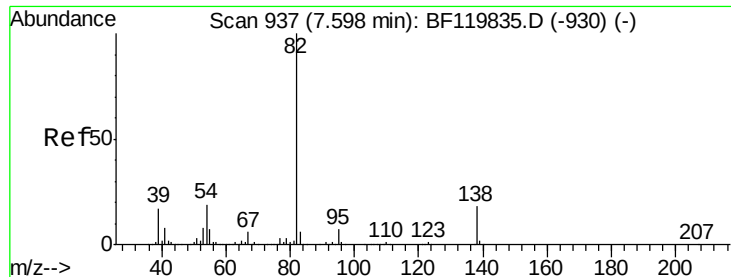
#24
 Nitrobenzene
 Concen: 49.779 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion: 77 Resp: 676055
 Ion Ratio Lower Upper
 77 100
 123 47.8 37.8 56.8
 65 15.0 12.2 18.2



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: 49.661 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

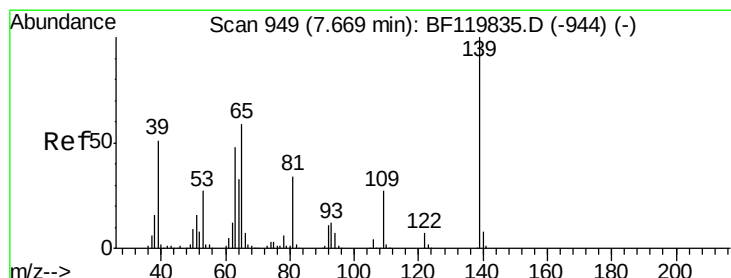
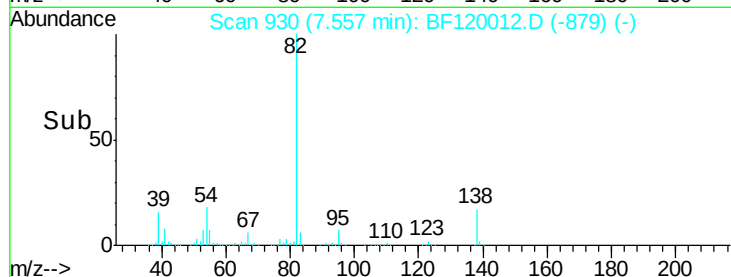
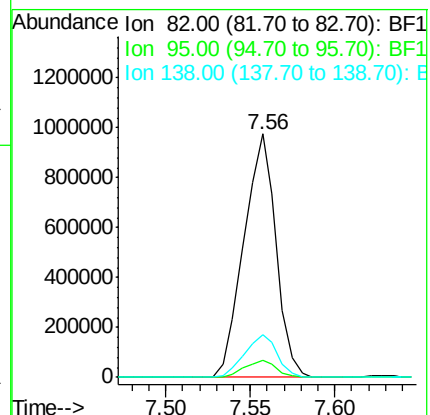
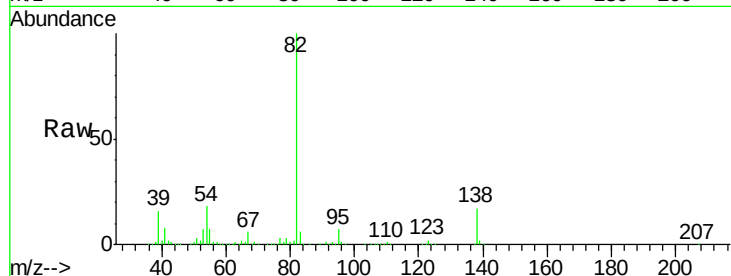
Tot Ion: 82 Resp: 1292440

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.3 14.5 21.7



#26

2-Nitrophenol

Concen: 53.542 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

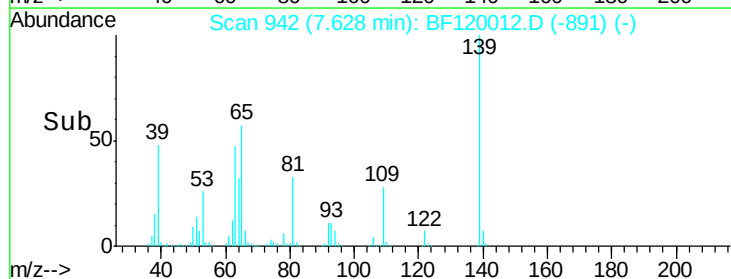
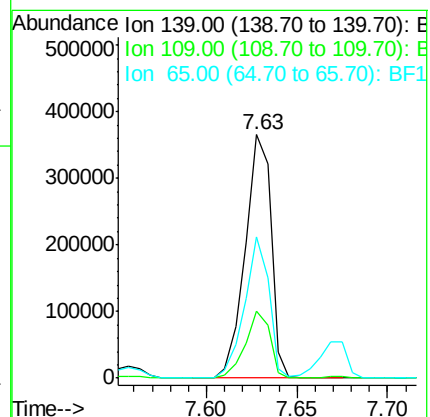
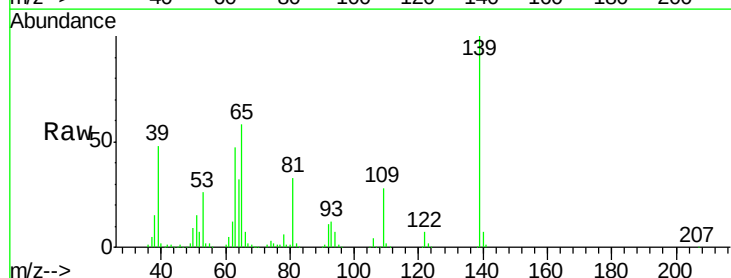
Tgt Ion: 139 Resp: 363290

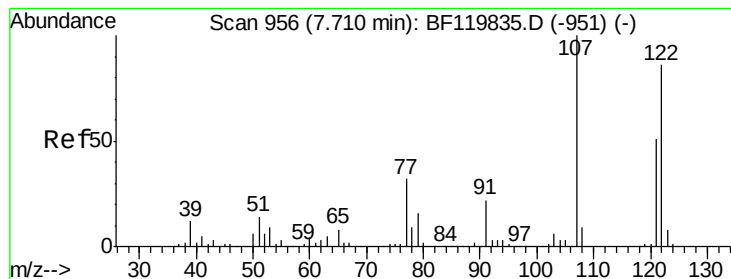
Ion Ratio Lower Upper

139 100

109 27.8 21.8 32.6

65 57.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 53.989 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

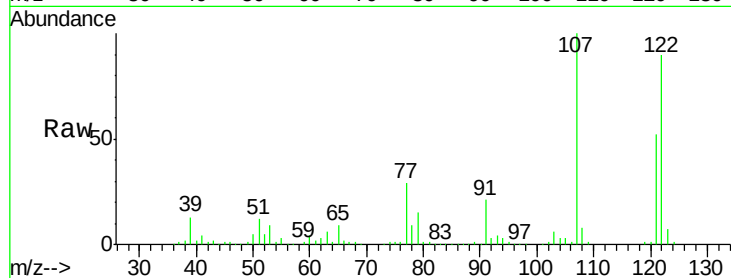
Tot Ion:122 Resp: 552485

Ion Ratio Lower Upper

122 100

107 111.2 92.3 138.5

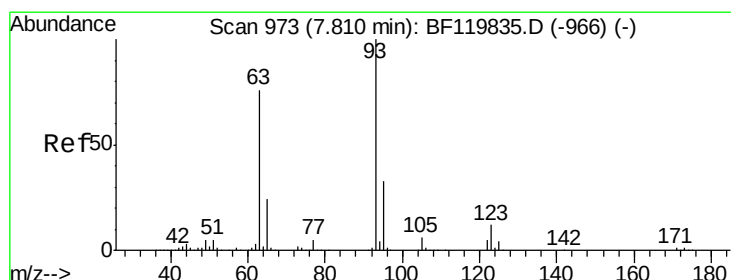
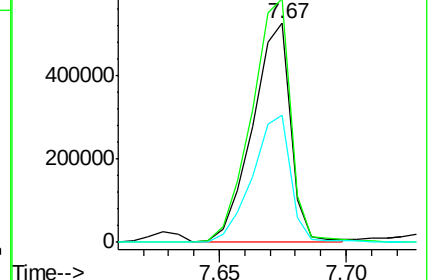
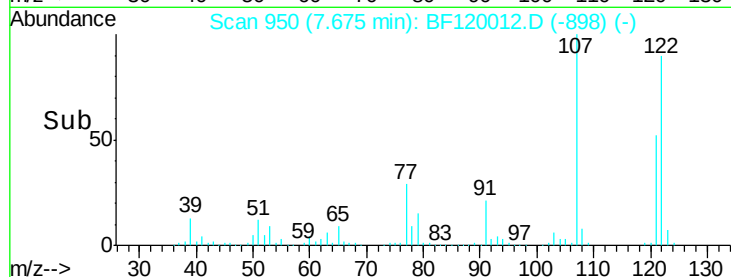
121 58.0 46.6 70.0



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: 53.213 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

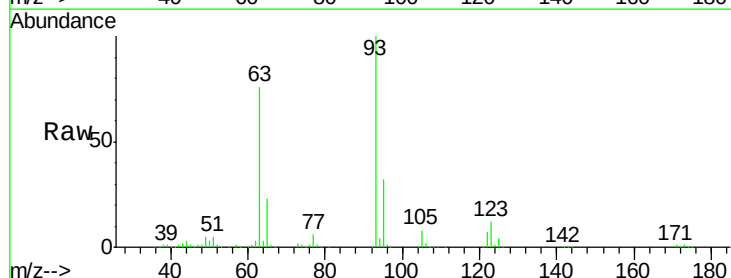
Tgt Ion: 93 Resp: 814923

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

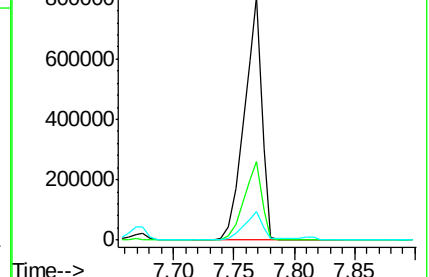
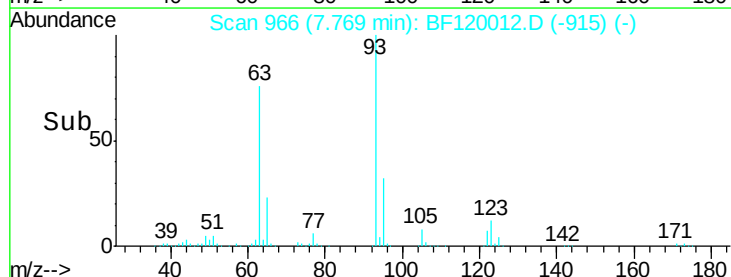
123 11.7 9.7 14.5

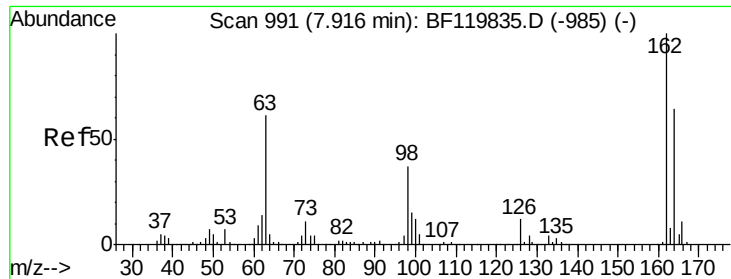


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

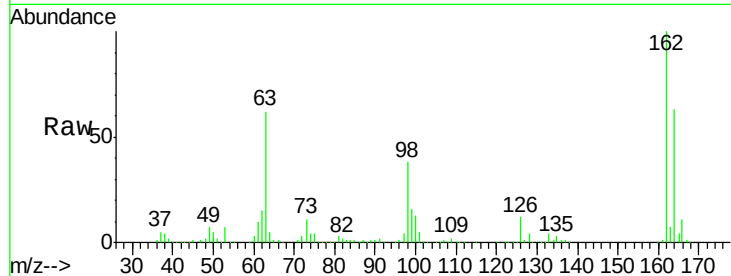




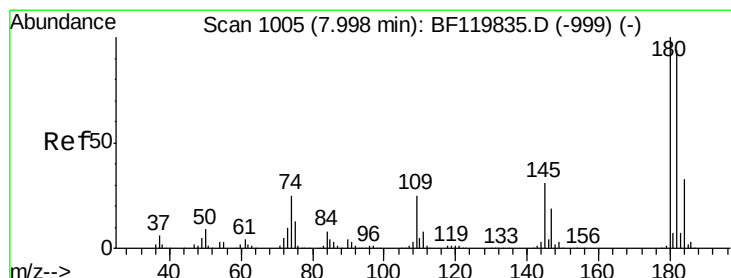
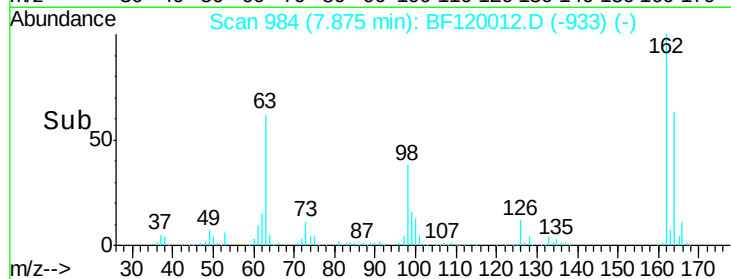
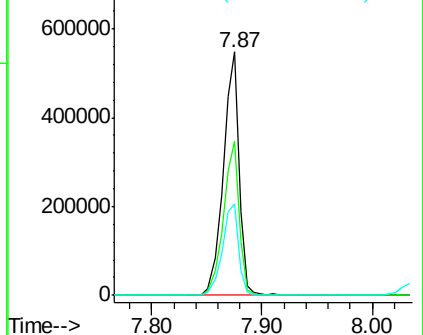
#29
2,4-Dichlorophenol
Concen: 52.143 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

Tot Ion:162 Resp: 546945
Ion Ratio Lower Upper
162 100
164 63.3 44.4 84.4
98 37.6 17.3 57.3

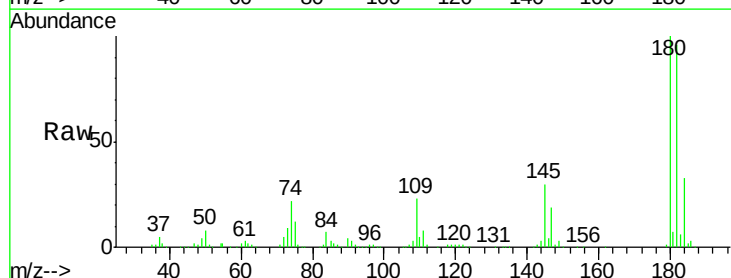


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

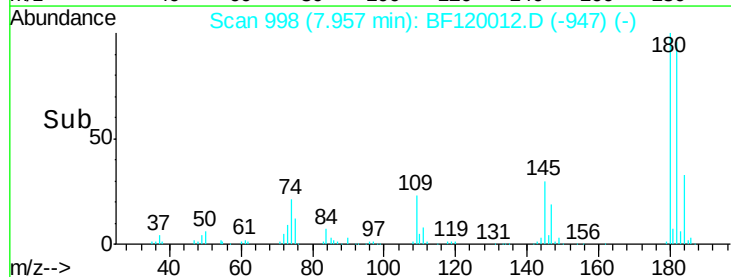
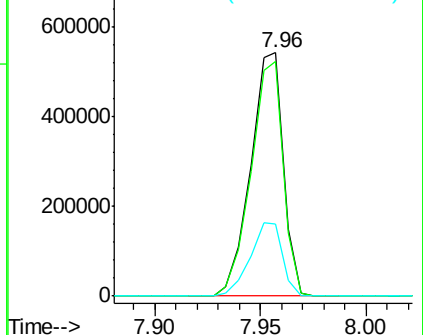


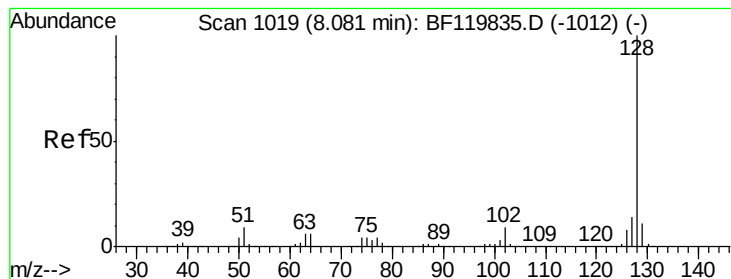
#30
1,2,4-Trichlorobenzene
Concen: 49.149 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion:180 Resp: 584147
Ion Ratio Lower Upper
180 100
182 96.3 75.4 113.0
145 29.8 24.6 37.0



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: 49.797 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

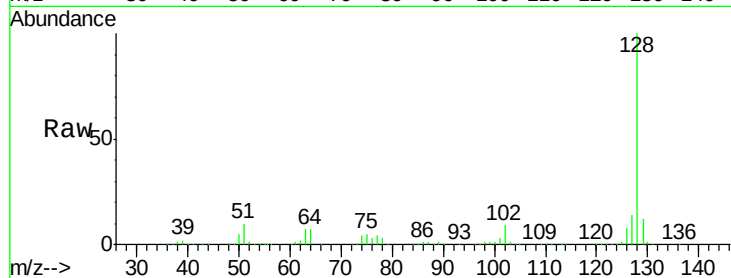
Tot Ion:128 Resp: 1829877

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

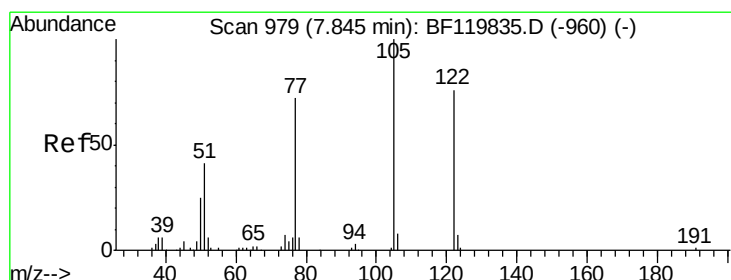
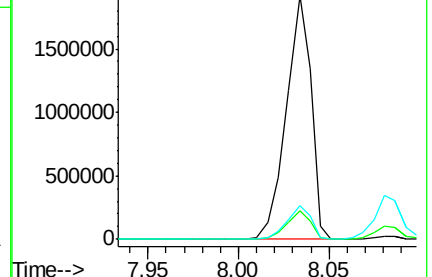
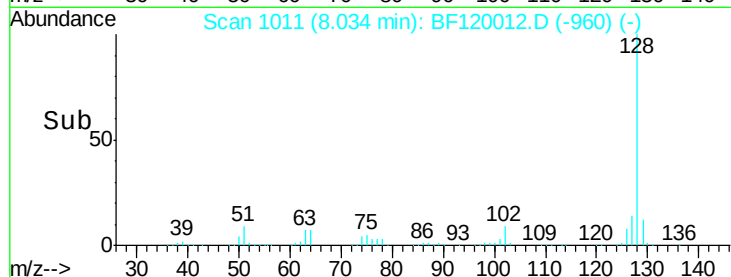
127 13.8 11.0 16.4



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: 40.664 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

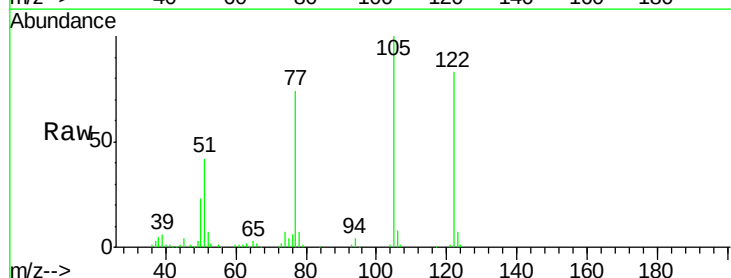
Tgt Ion:122 Resp: 365458

Ion Ratio Lower Upper

122 100

105 120.0 106.7 146.7

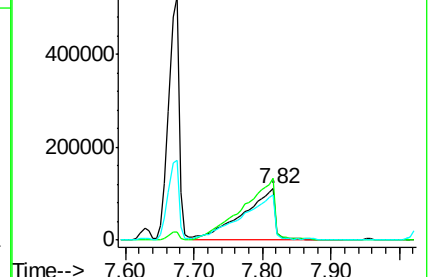
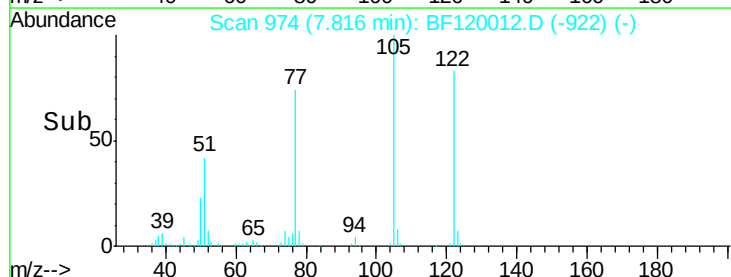
77 88.9 72.1 112.1

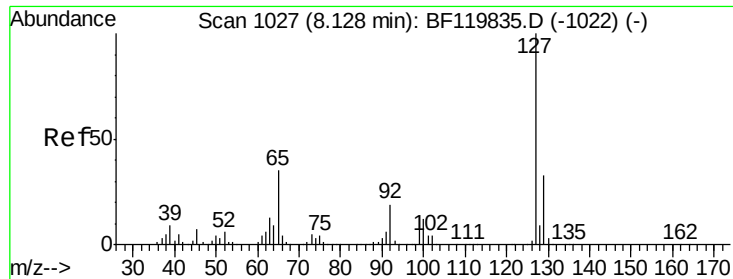


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

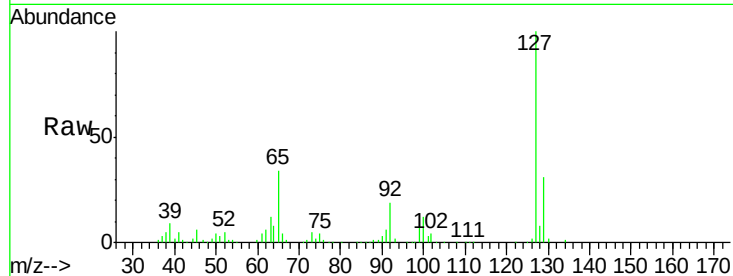




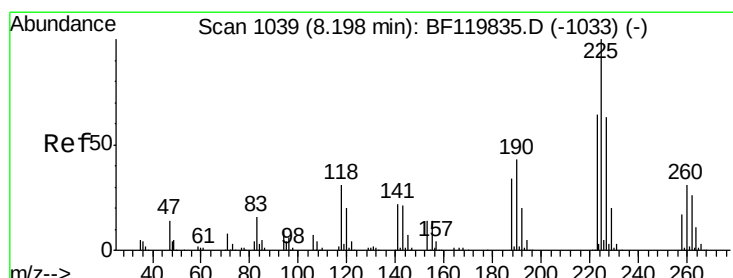
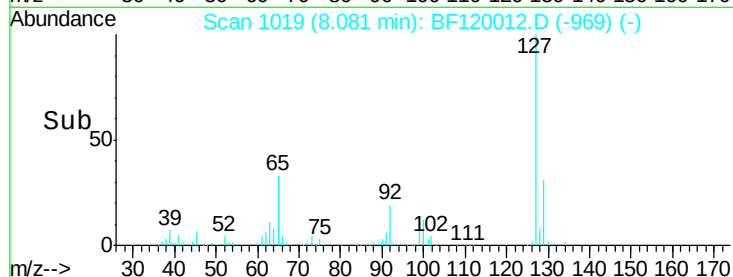
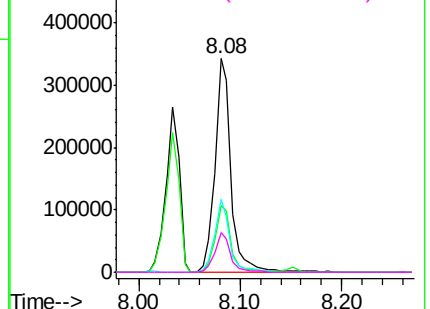
#33
4-Chloroaniline
Concen: 23.427 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

Tot Ion:127	Resp:	374763
Ion	Ratio	Lower Upper
127	100	
129	31.4	26.2 39.2
65	34.1	28.3 42.5
92	18.9	15.4 23.2

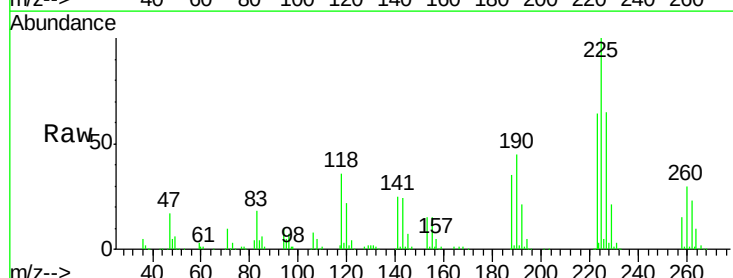


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

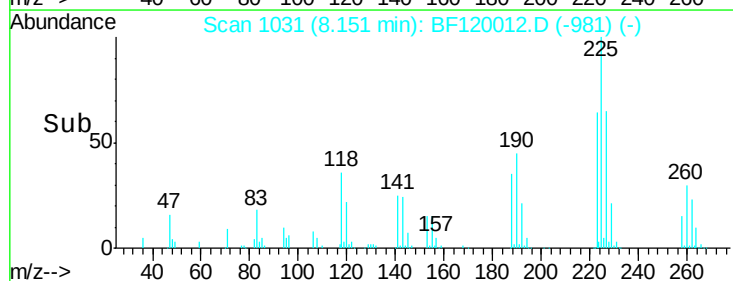
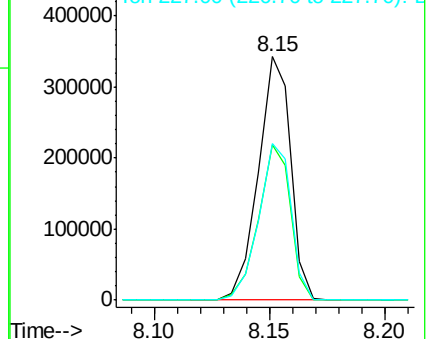


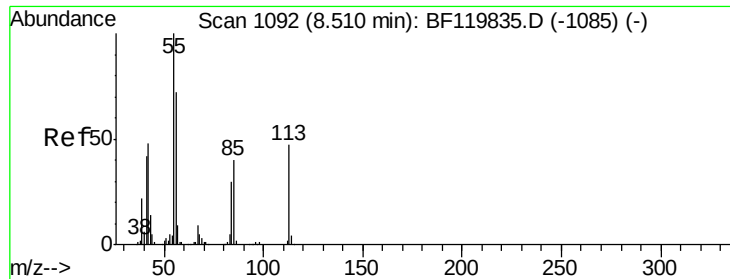
#34
Hexachlorobutadiene
Concen: 47.142 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion:225	Resp:	335396
Ion	Ratio	Lower Upper
225	100	
223	64.0	51.0 76.6
227	64.6	50.4 75.6



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

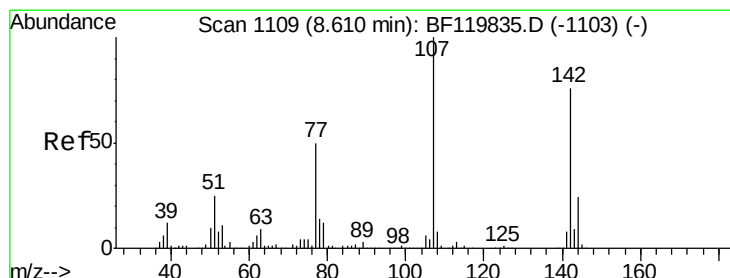
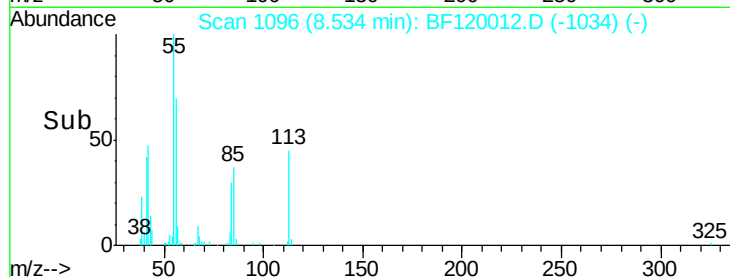
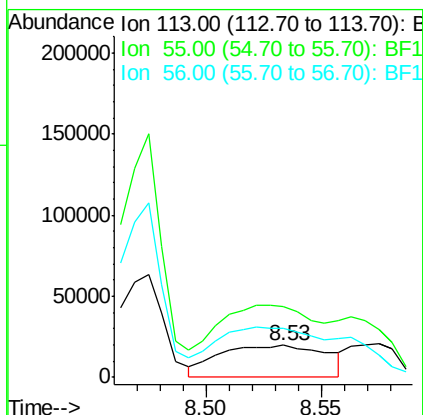
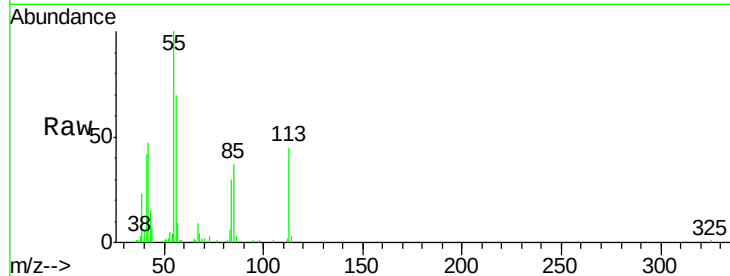




#35
 Caprolactam
 Concen: 19.393 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.06 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

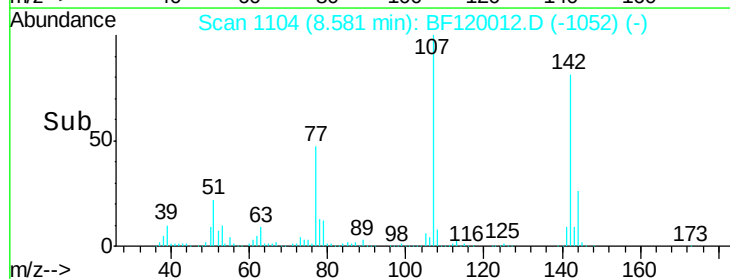
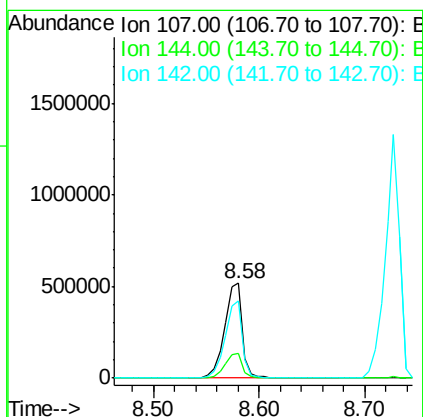
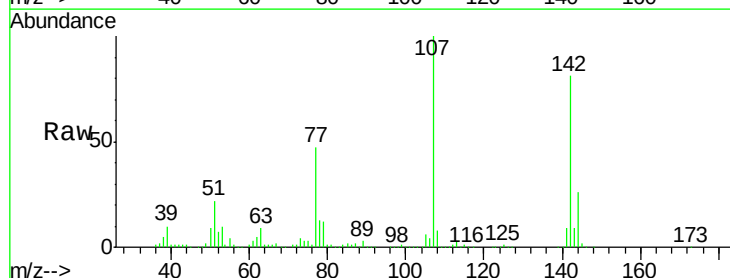
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

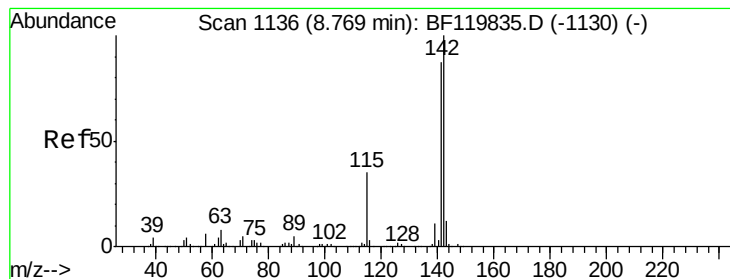
Tot Ion:113 Resp: 62226
 Ion Ratio Lower Upper
 113 100
 55 221.0 192.7 232.7
 56 154.1 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 52.734 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:107 Resp: 598871
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.5 29.3
 142 81.4 60.5 90.7





#37

2-Methylnaphthalene

Concen: 51.276 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

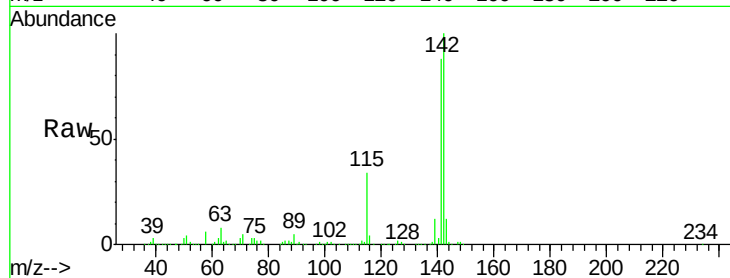
Tot Ion:142 Resp: 1277429

Ion Ratio Lower Upper

142 100

141 88.0 69.9 104.9

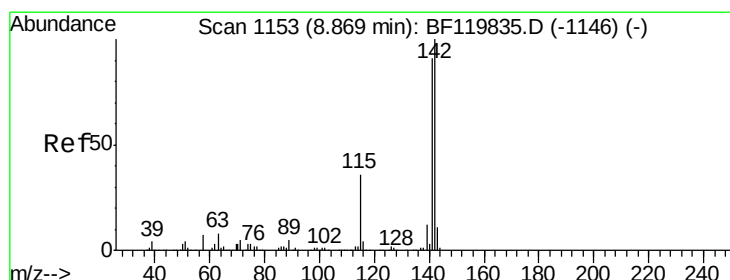
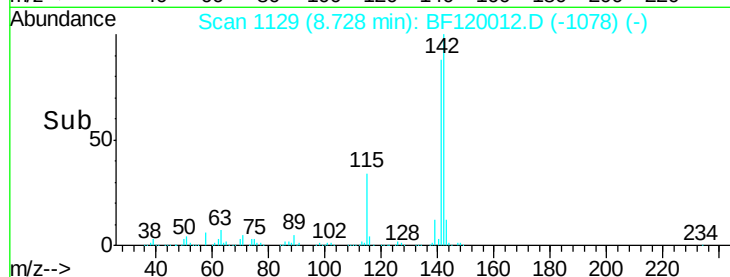
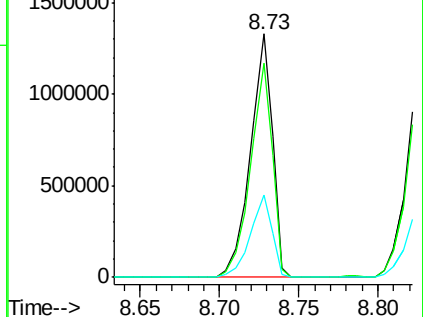
115 33.9 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.013 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

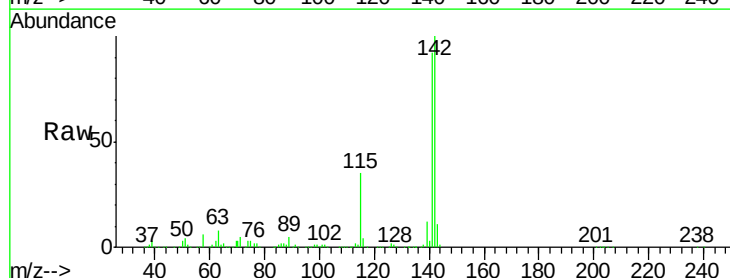
Tgt Ion:142 Resp: 1197859

Ion Ratio Lower Upper

142 100

141 92.2 72.9 109.3

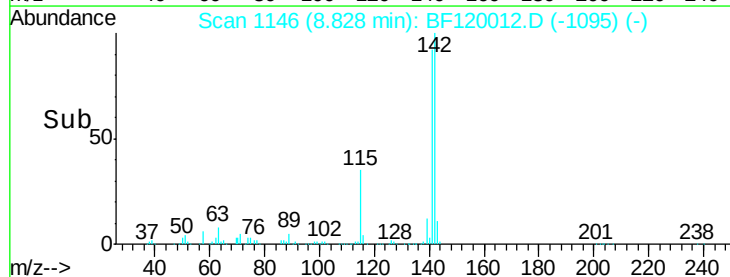
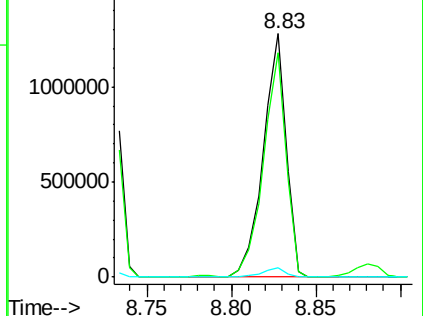
116 3.6 3.0 4.6

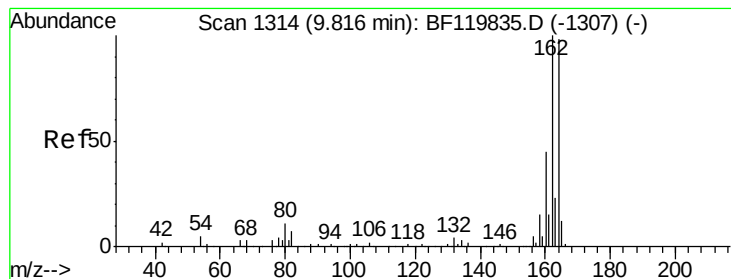


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

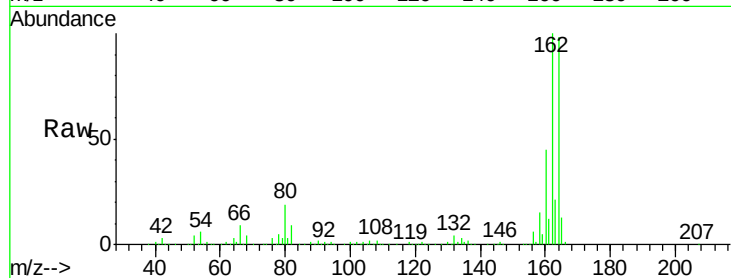
Tot Ion:164 Resp: 359993

Ion Ratio Lower Upper

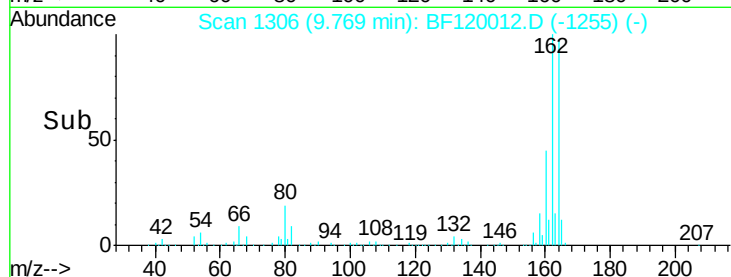
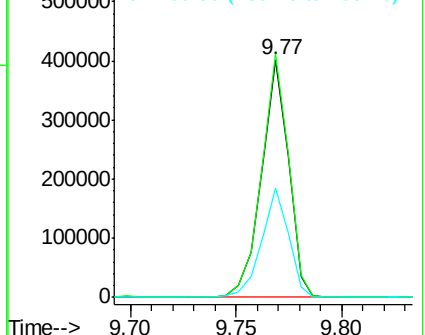
164 100

162 102.5 81.9 122.9

160 46.1 36.6 54.8



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: 49.176 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Tgt Ion:216 Resp: 559133

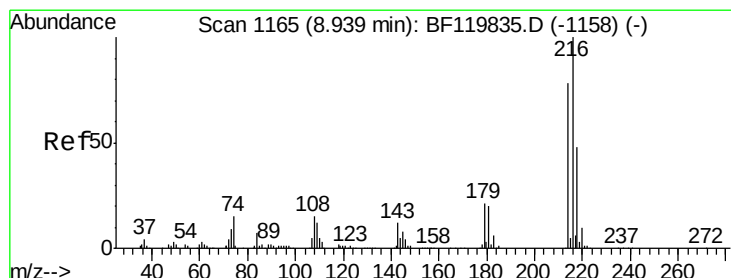
Ion Ratio Lower Upper

216 100

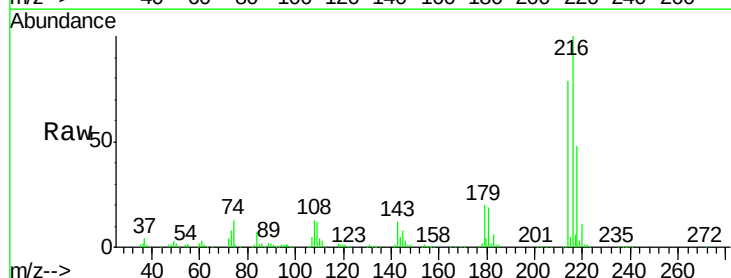
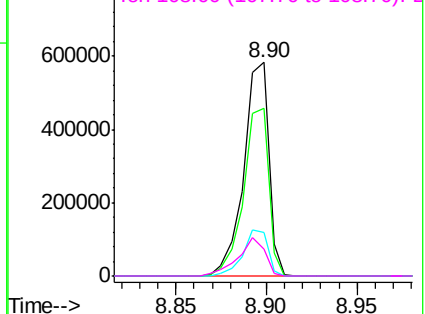
214 79.3 63.1 94.7

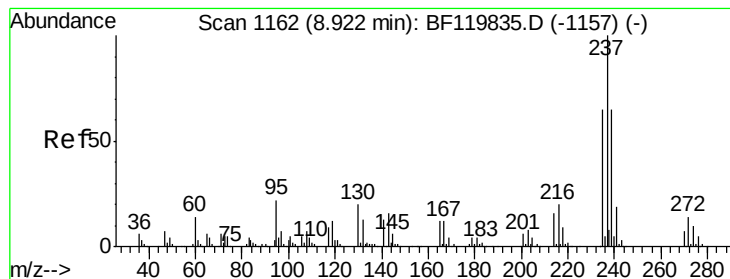
179 21.4 17.0 25.4

108 19.6 14.8 22.2



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: 88.188 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

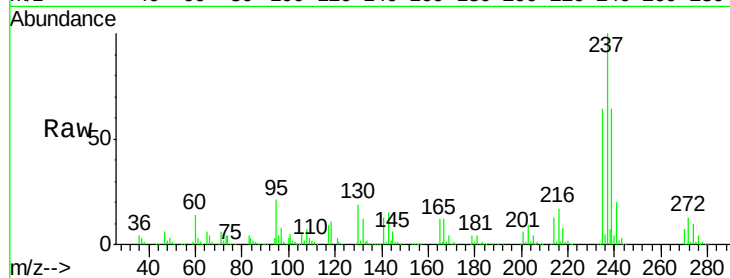
Tot Ion:237 Resp: 570181

Ion Ratio Lower Upper

237 100

235 64.2 44.9 84.9

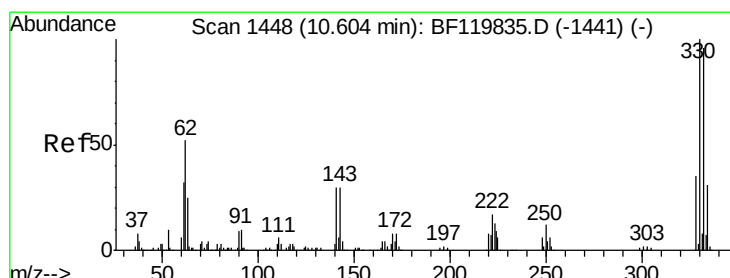
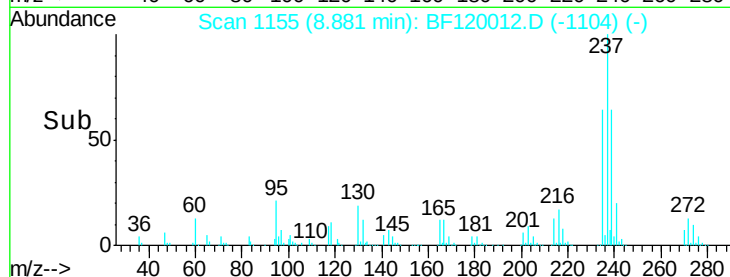
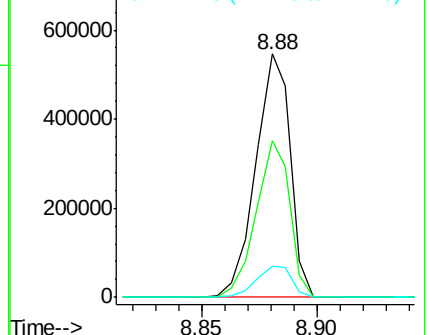
272 13.0 0.0 33.6



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: 153.428 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

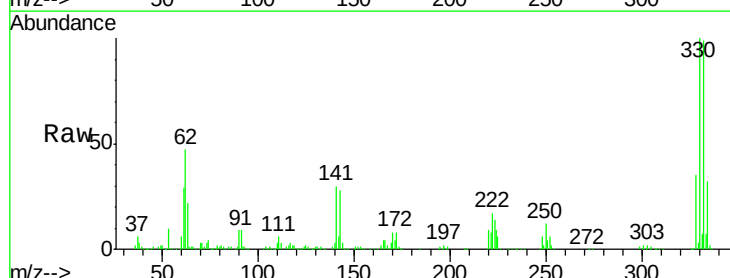
Tgt Ion:330 Resp: 676239

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

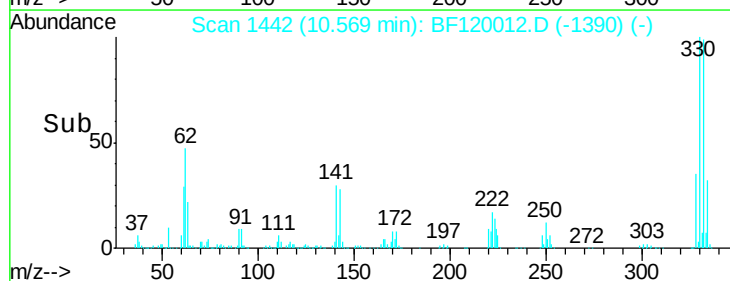
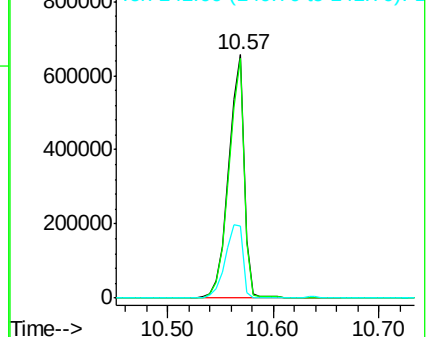
141 34.5 25.1 37.7

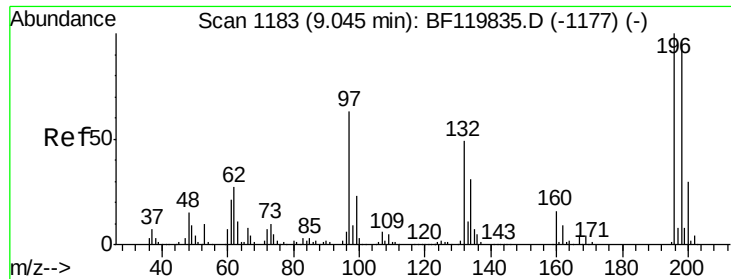


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

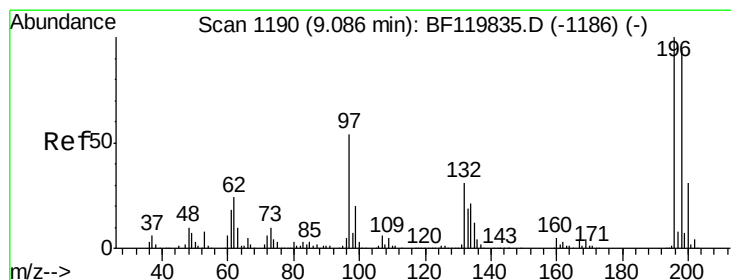
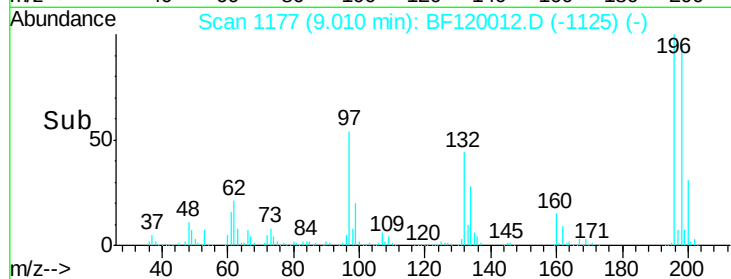
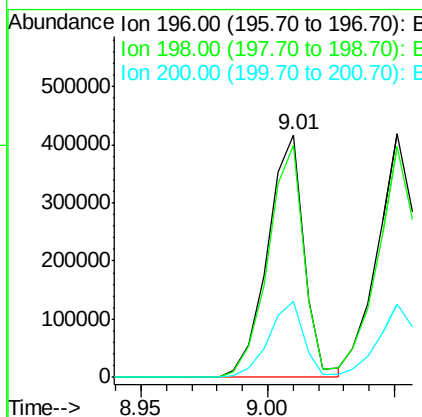
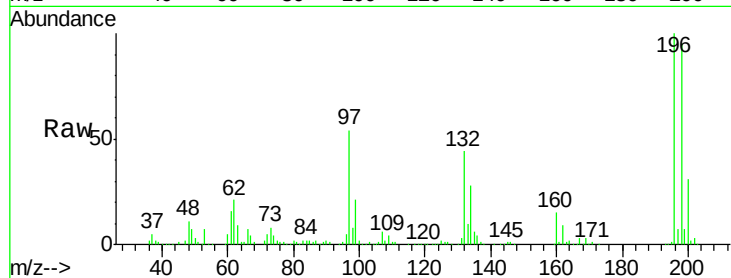




#43
 2,4,6-Trichlorophenol
 Concen: 52.795 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

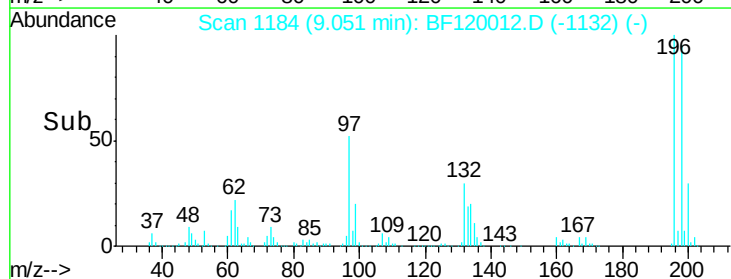
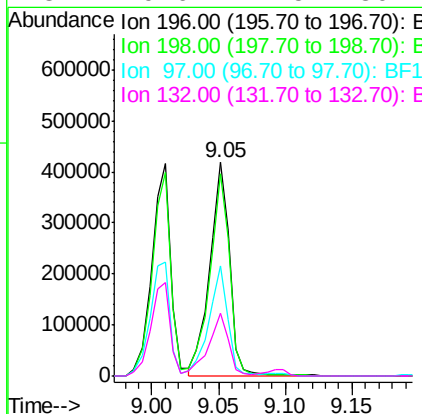
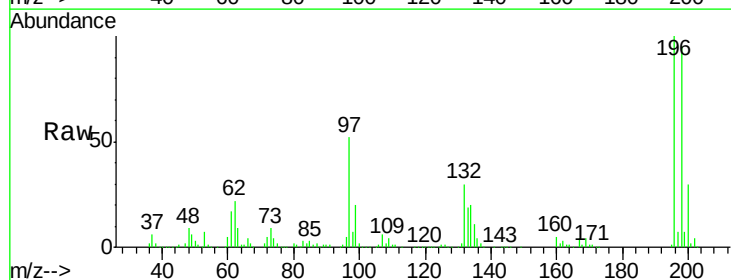
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

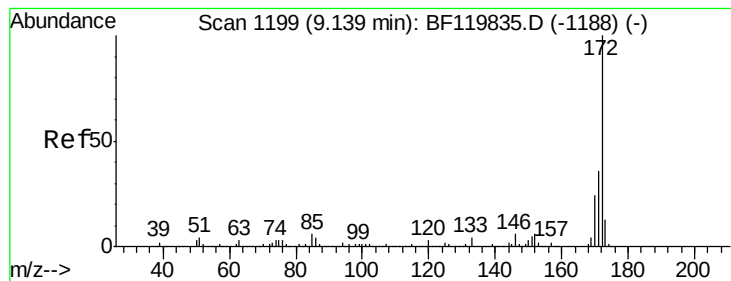
Tot Ion:196 Resp: 414522
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 200 31.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.200 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:196 Resp: 435084
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.1 112.7
 97 51.6 43.4 65.2
 132 29.6 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 108.914 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

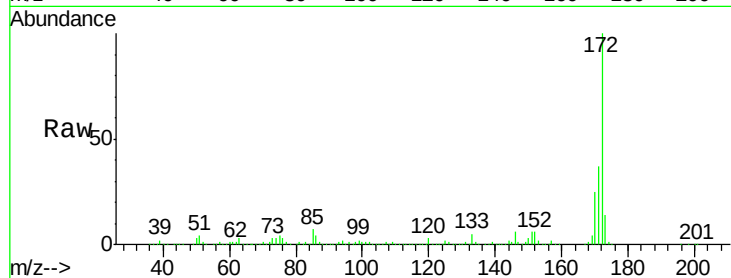
BNA_F

ClientSampleId :

TP-23-22-COMPMSD

Tot Ion:172 Resp: 2761579

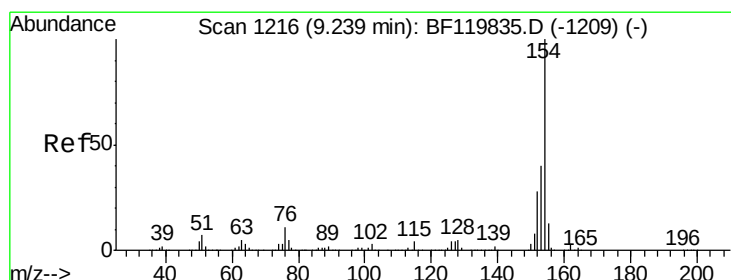
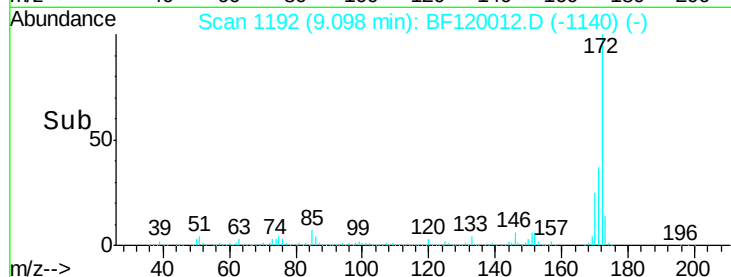
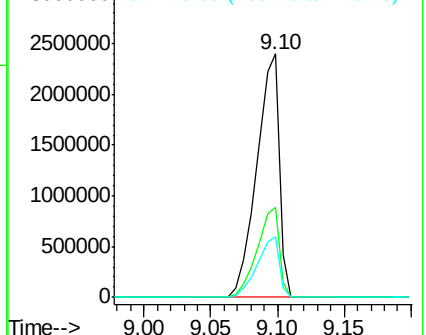
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.7	19.4	29.2



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: 50.195 ng

RT: 9.19 min Scan# 1208

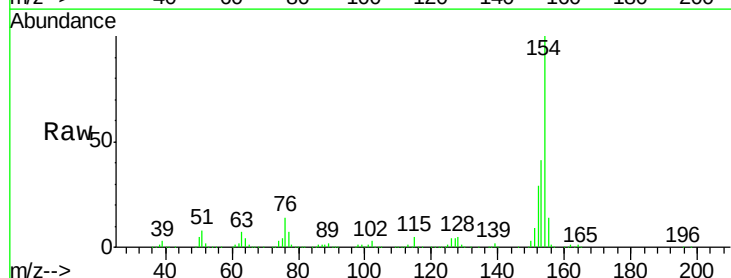
Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Tgt Ion:154 Resp: 1525187

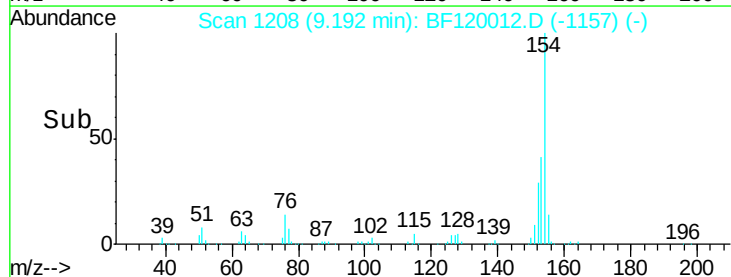
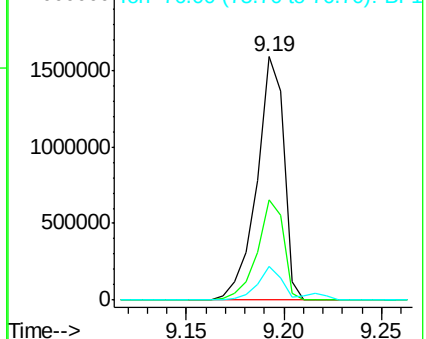
Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.5	60.5
76	13.6	0.0	30.6

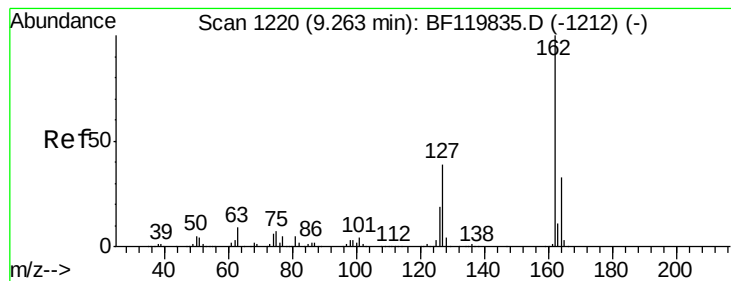


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 51.335 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

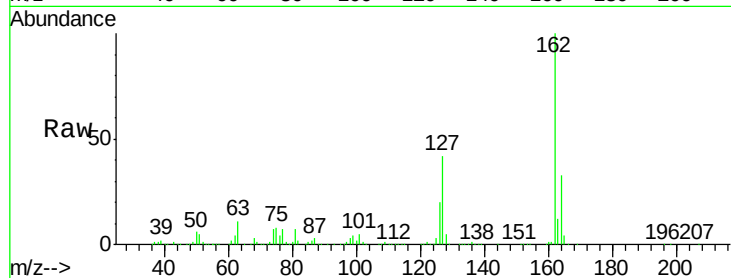
Tot Ion:162 Resp: 1201617

Ion Ratio Lower Upper

162 100

127 41.8 31.2 46.8

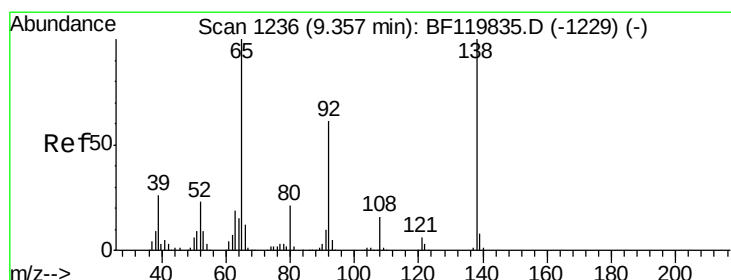
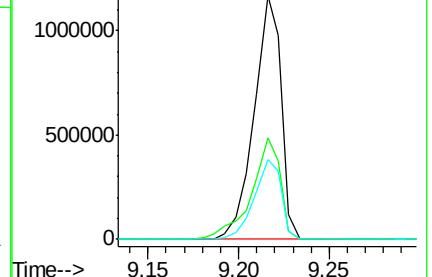
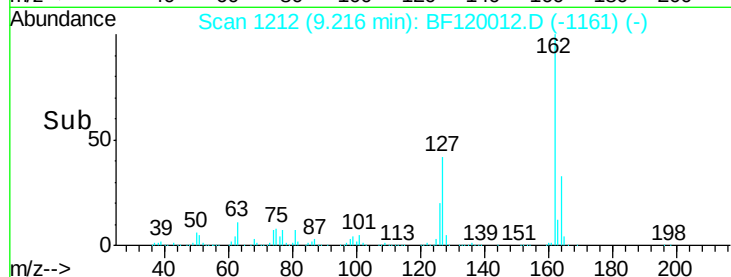
164 32.7 26.3 39.5



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: 49.940 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

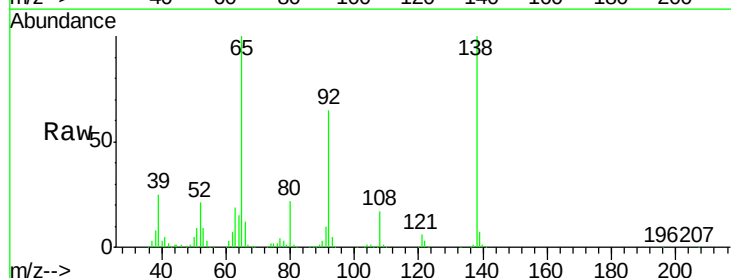
Tgt Ion: 65 Resp: 423619

Ion Ratio Lower Upper

65 100

92 65.3 49.0 73.6

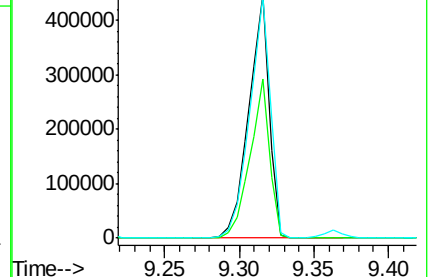
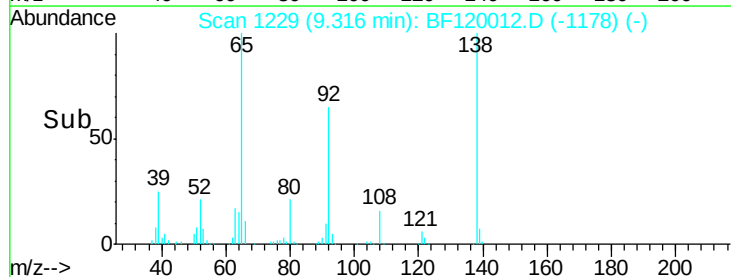
138 99.6 79.7 119.5

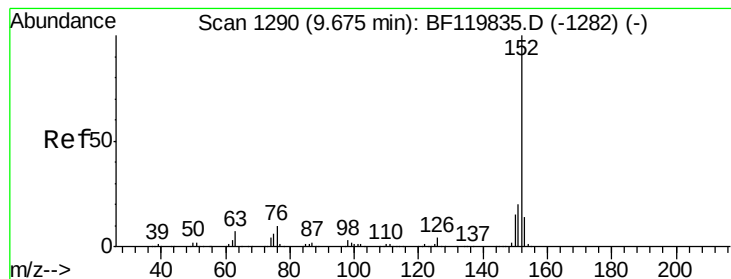


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.754 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

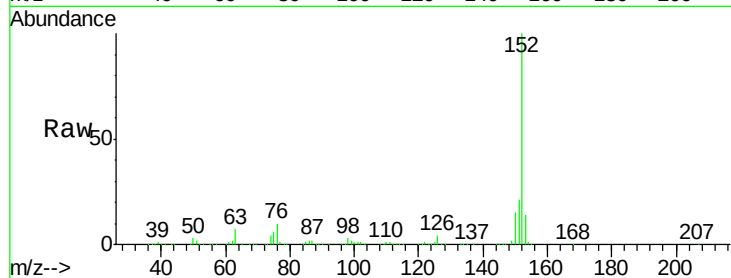
Tot Ion:152 Resp: 1842345

Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.4

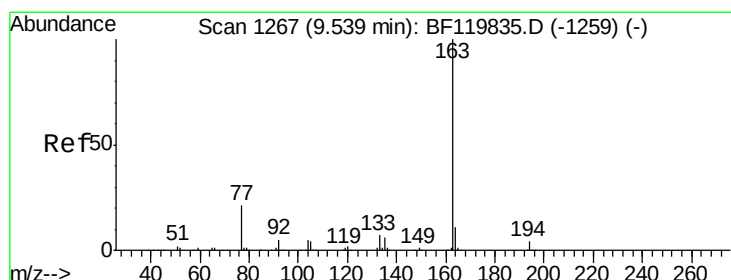
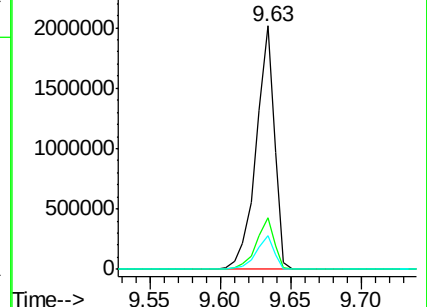
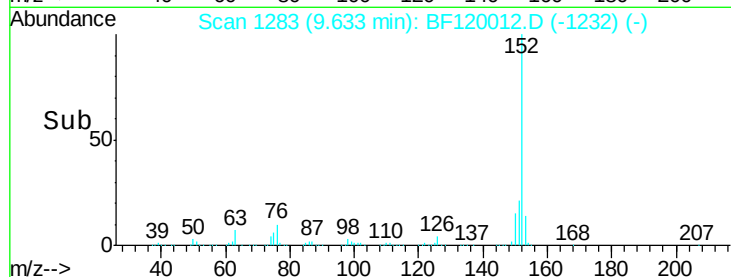
153 13.9 10.9 16.3



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: 55.973 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

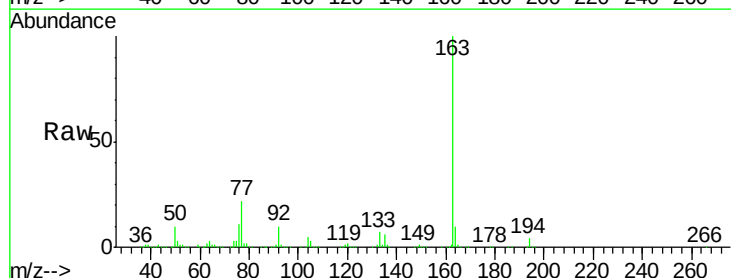
Tgt Ion:163 Resp: 1558562

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

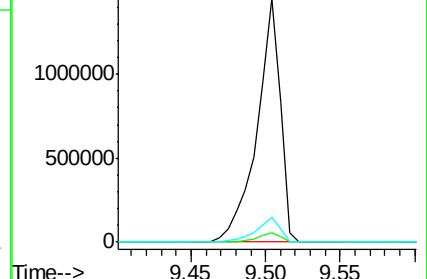
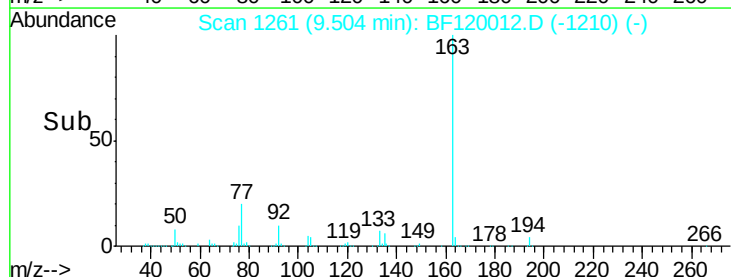
164 10.4 8.4 12.6

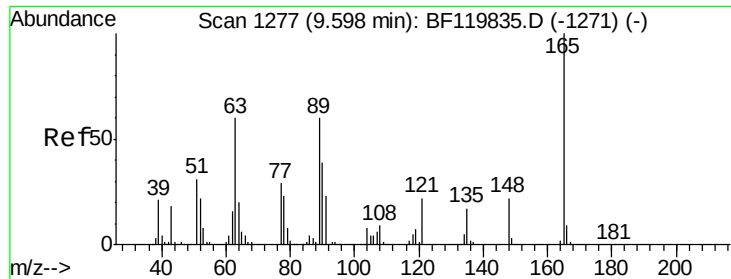


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

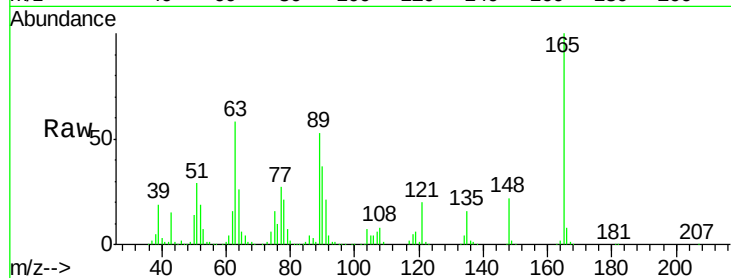




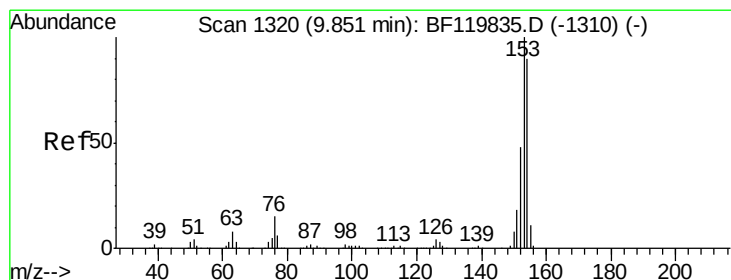
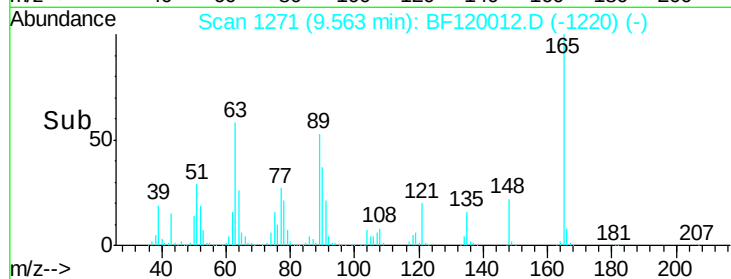
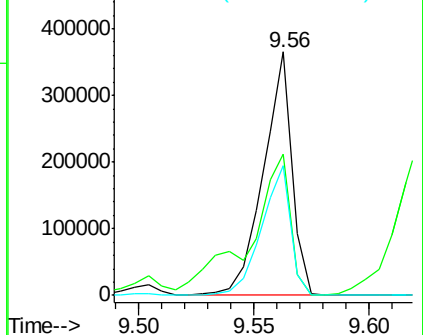
#51
 2,6-Dinitrotoluene
 Concen: 51.782 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

Tot Ion:165 Resp: 315746
 Ion Ratio Lower Upper
 165 100
 63 57.9 55.6 83.4
 89 53.1 47.9 71.9

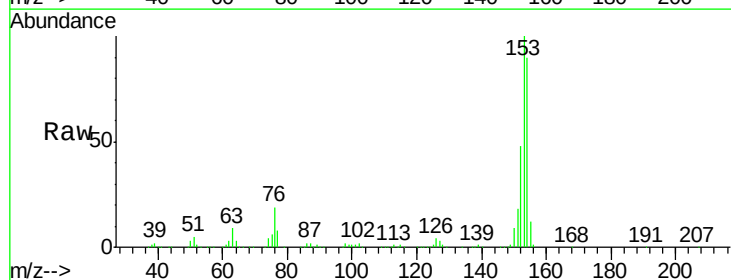


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

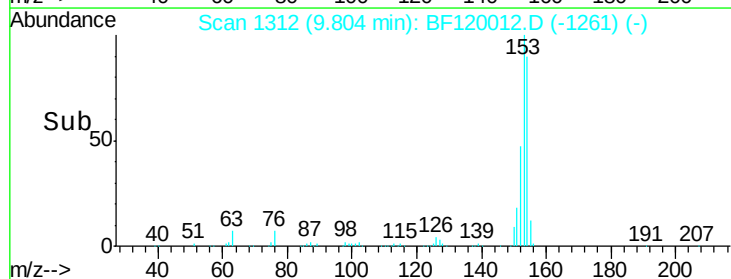
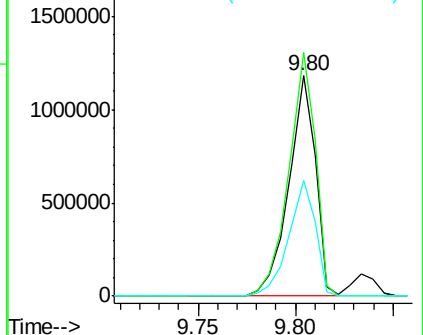


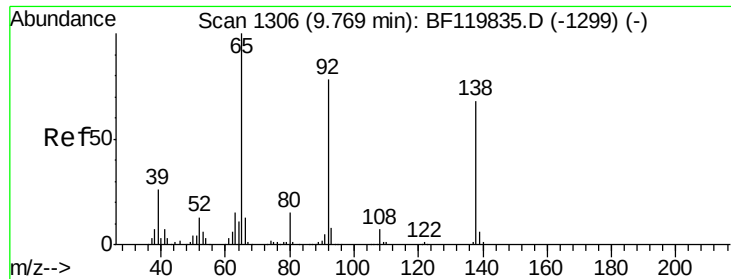
#52
 Acenaphthene
 Concen: 47.151 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:154 Resp: 1119651
 Ion Ratio Lower Upper
 154 100
 153 110.5 88.8 133.2
 152 52.5 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

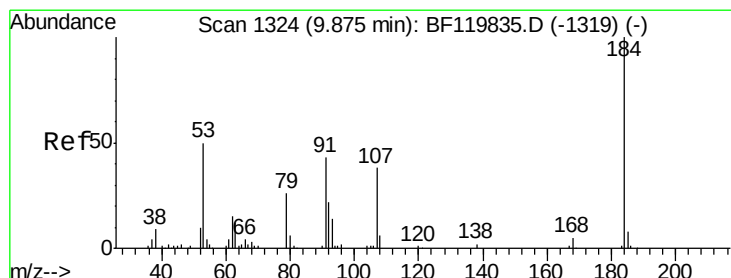
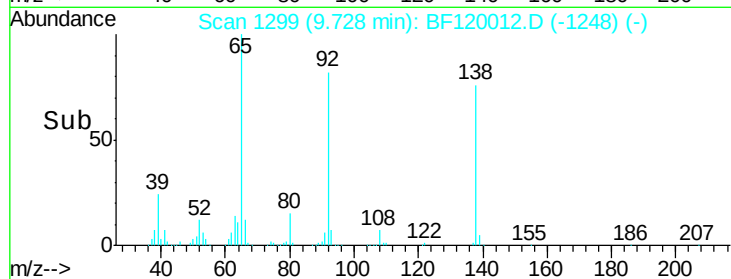
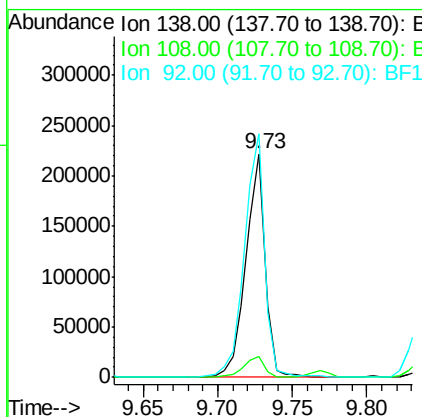
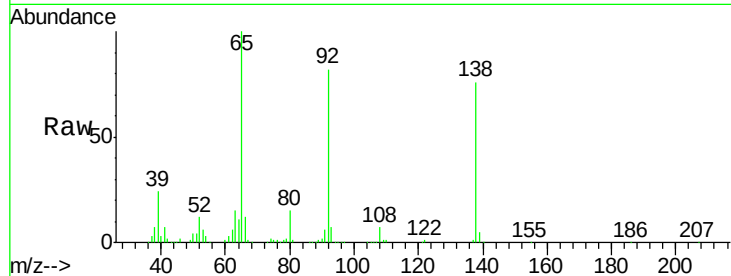




#53
3-Nitroaniline
Concen: 28.573 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

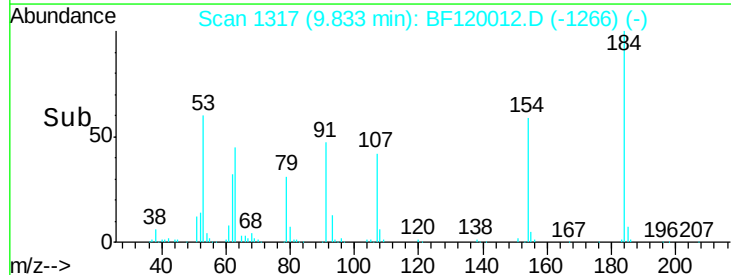
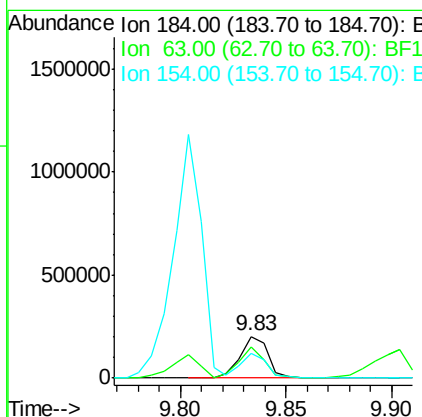
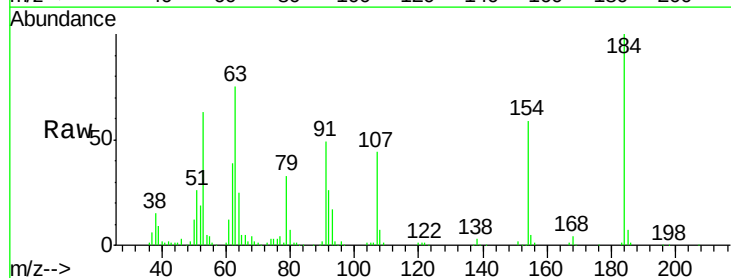
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

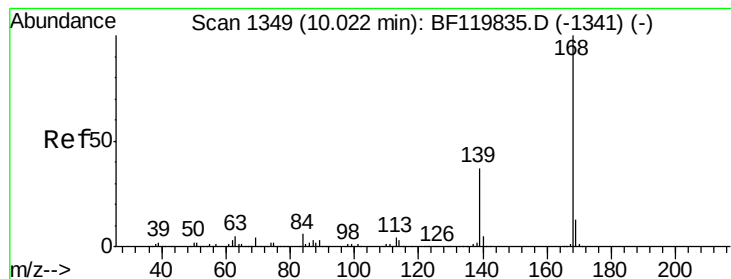
Tot Ion:138 Resp: 198983
Ion Ratio Lower Upper
138 100
108 9.4 8.0 12.0
92 108.9 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 51.570 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion:184 Resp: 188262
Ion Ratio Lower Upper
184 100
63 75.2 49.8 74.6#
154 58.8 46.5 69.7





#55

Dibenzofuran

Concen: 50.528 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

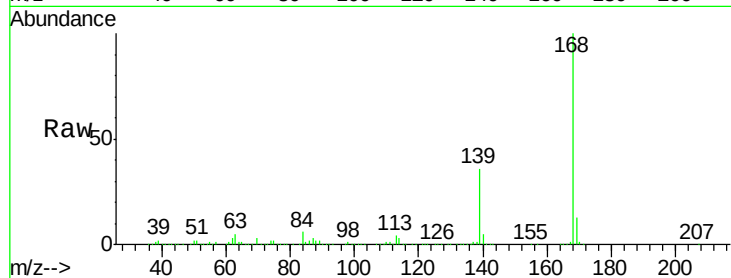
Tot Ion:168 Resp: 1646509

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.6

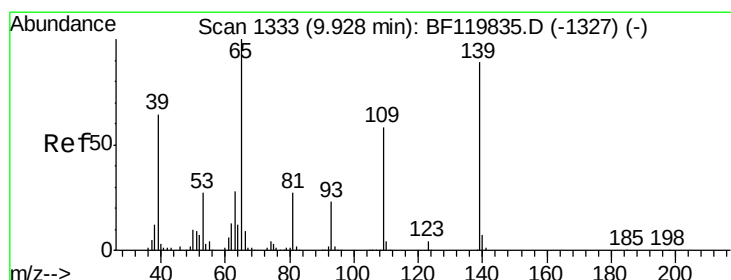
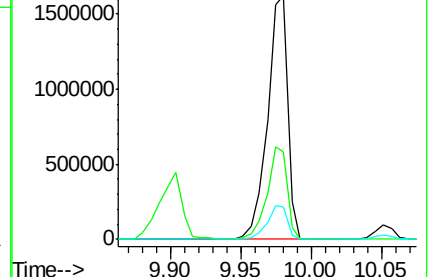
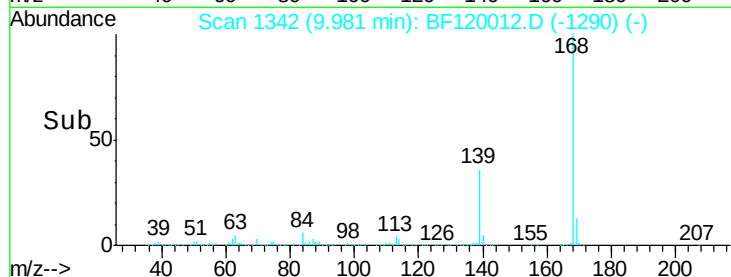
169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.476 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

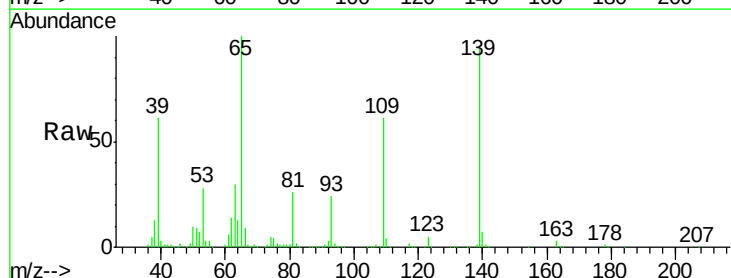
Tgt Ion:139 Resp: 499898

Ion Ratio Lower Upper

139 100

109 63.8 45.5 85.5

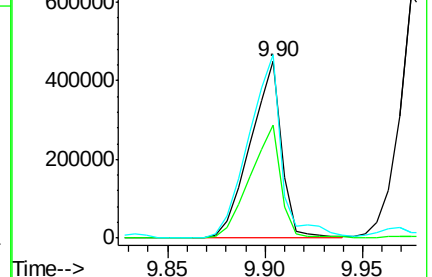
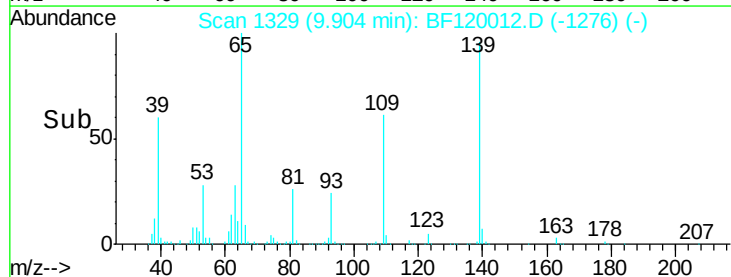
65 104.2 92.3 132.3

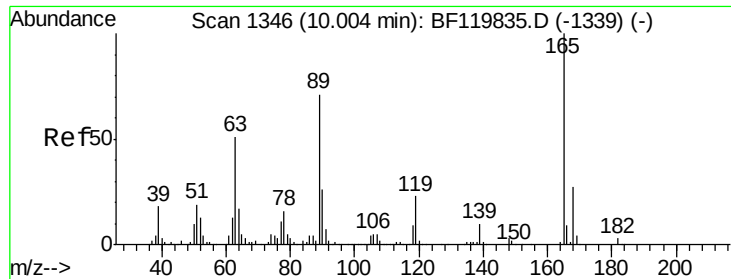


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

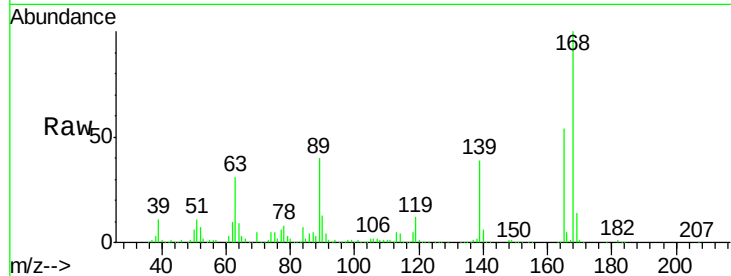




#57
 2,4-Dinitrotoluene
 Concen: 49.936 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	56.6	40.8	61.2	
89	74.1	56.9	85.3	
182	2.4	2.0	3.0	

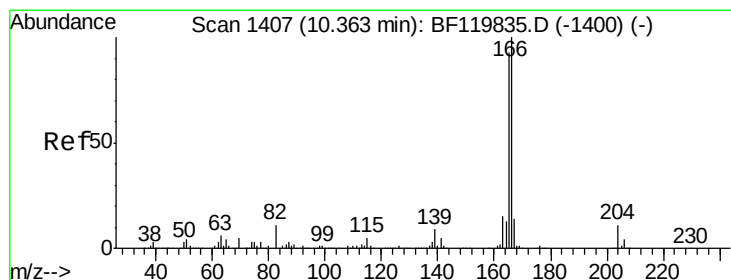
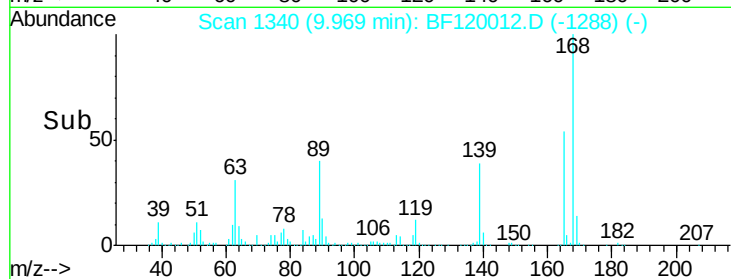
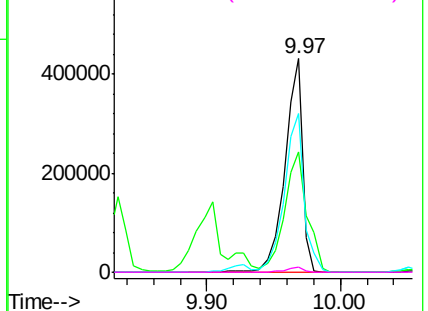


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

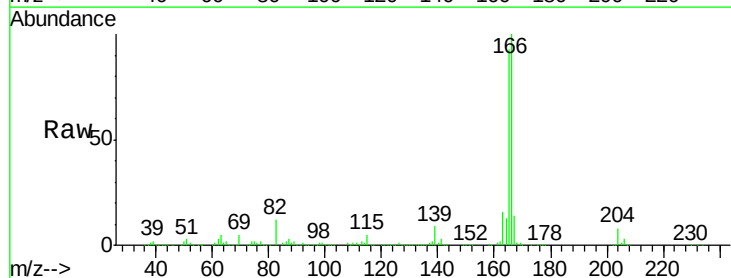
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 48.496 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

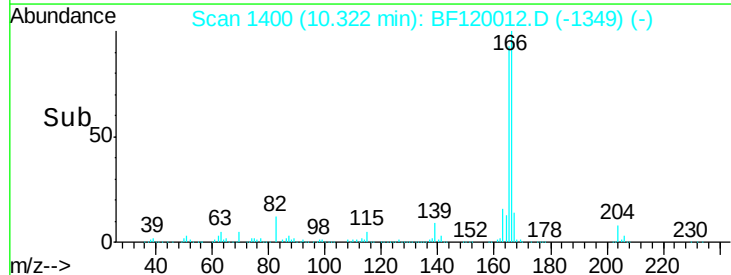
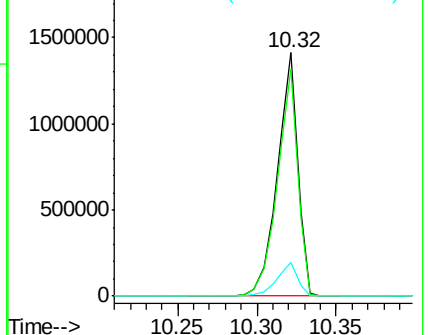
Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	93.2	74.2	111.2	
167	14.0	10.8	16.2	

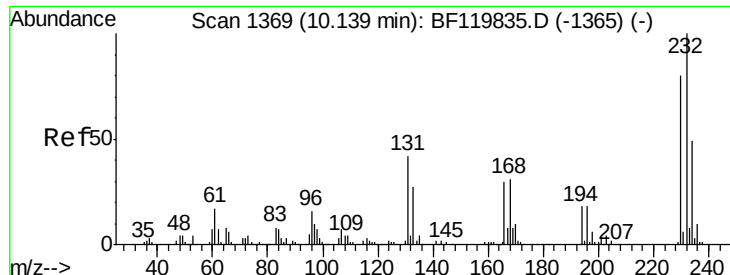


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

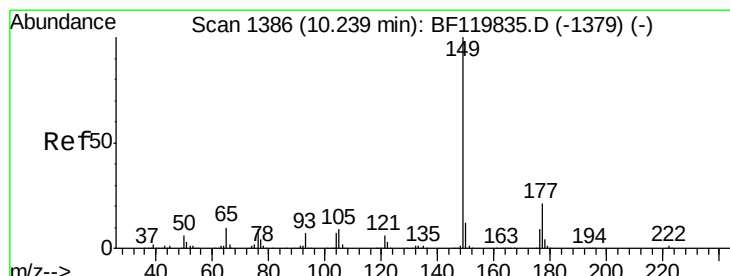
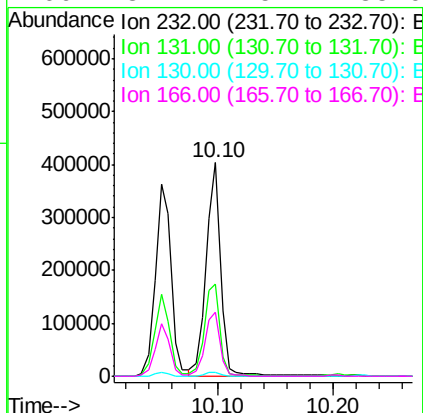
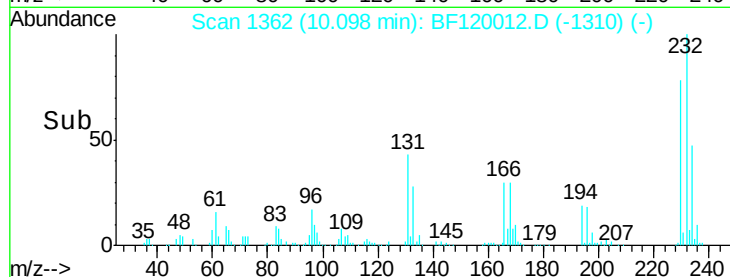
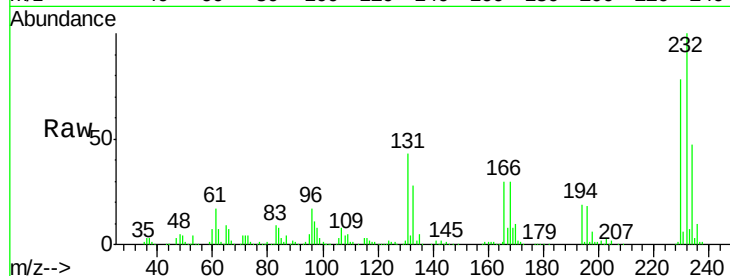




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.441 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

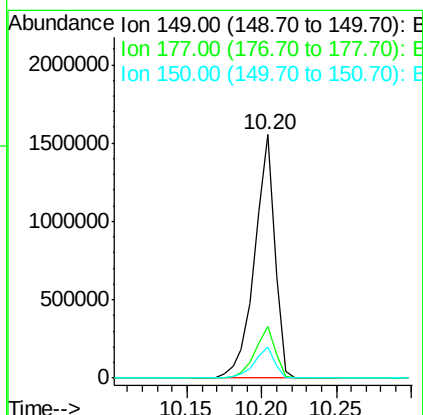
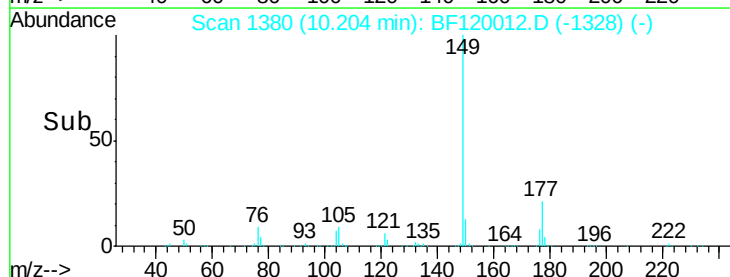
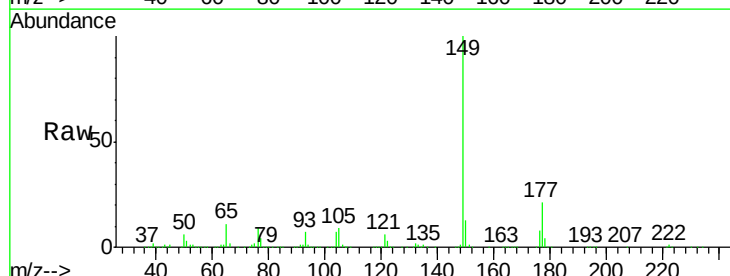
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

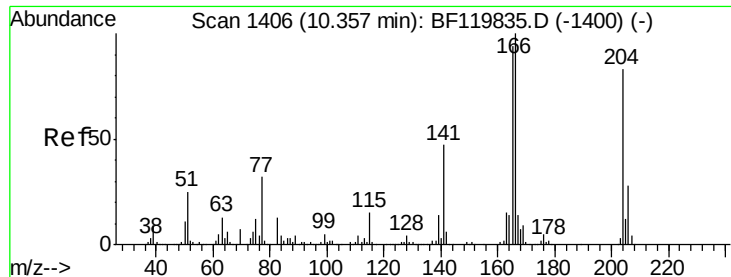
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.9	56.9
130	2.3	1.8	2.6
166	31.1	25.4	38.0



#60
 Diethylphthalate
 Concen: 49.819 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.8	25.2
150	12.7	9.8	14.6

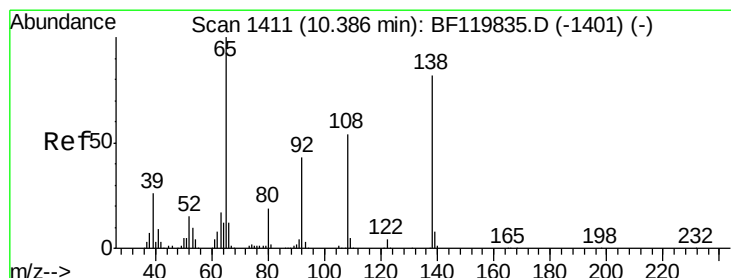
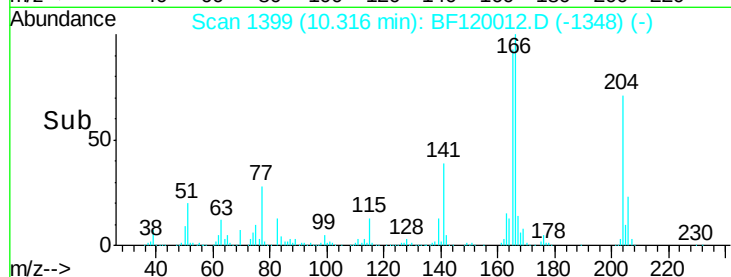
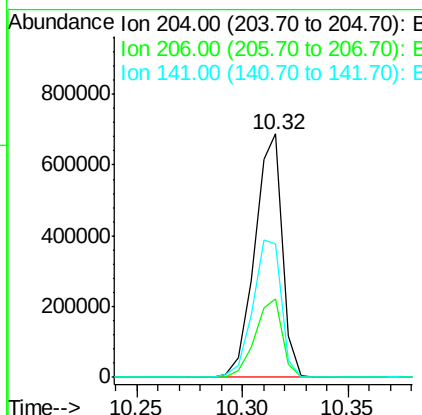
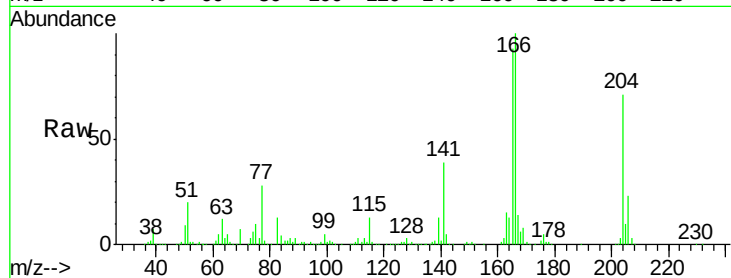




#61
 4-Chlorophenyl-phenylether
 Concen: 46.601 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

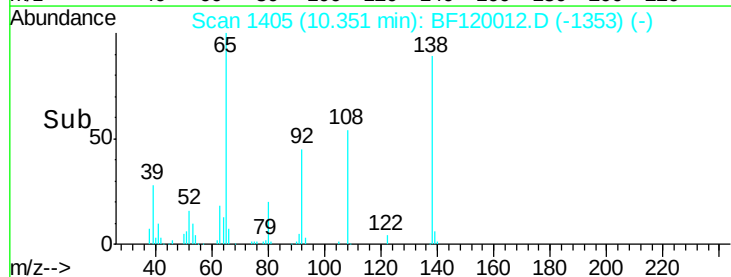
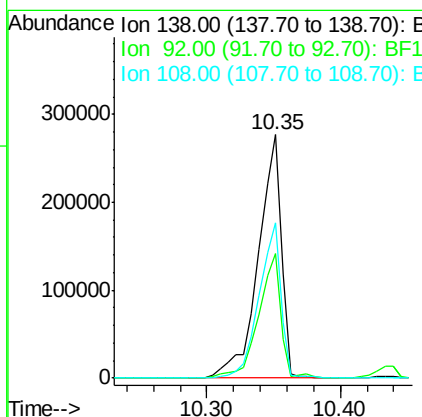
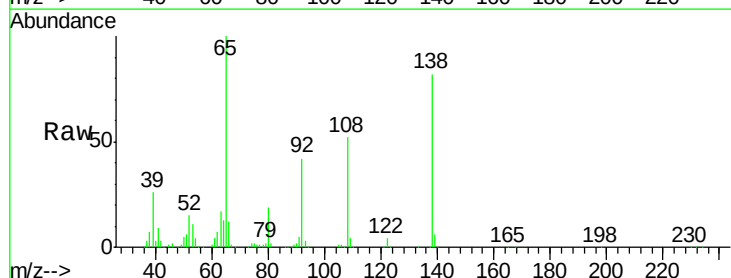
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

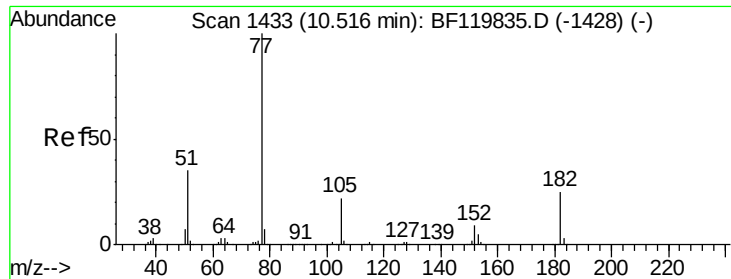
Tot Ion:204 Resp: 622446
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.7 40.1
 141 54.8 45.8 68.8



#62
 4-Nitroaniline
 Concen: 49.576 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:138 Resp: 329021
 Ion Ratio Lower Upper
 138 100
 92 51.0 31.6 71.6
 108 63.8 45.2 85.2





#63

Azobenzene

Concen: 52.574 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

Tot Ion: 77 Resp: 1359755

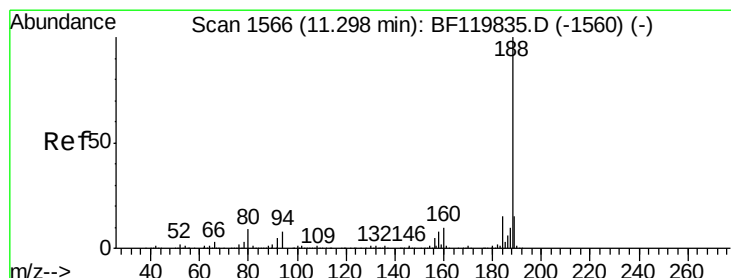
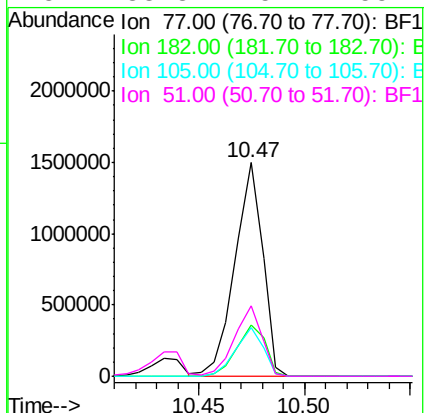
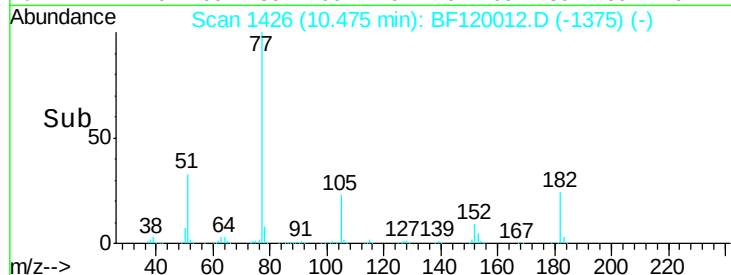
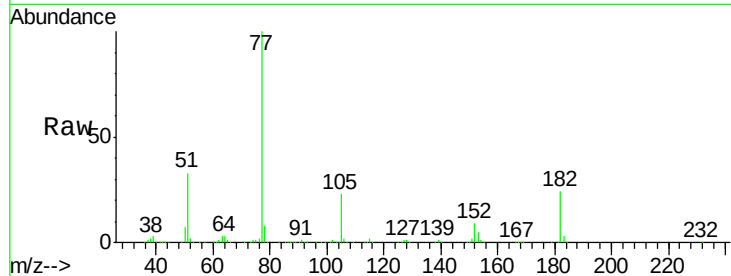
Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.5	44.5
105	22.9	2.2	42.2
51	33.3	15.1	55.1

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: 11.26 min Scan# 1559

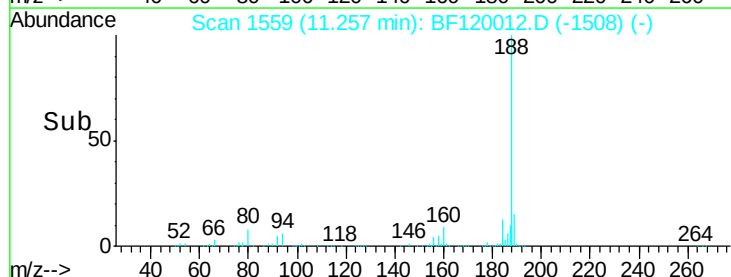
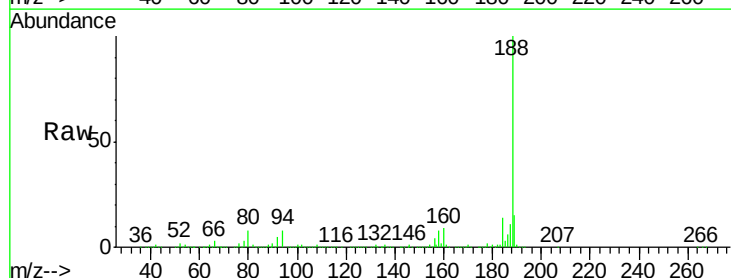
Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Tgt Ion: 188 Resp: 683370

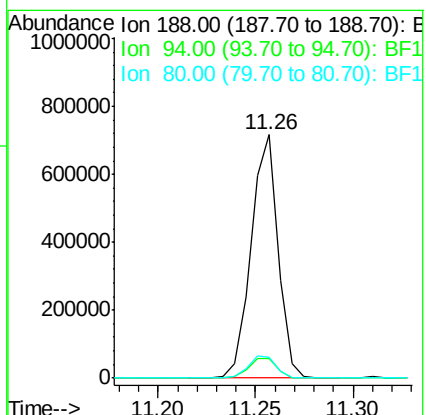
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.5	7.4	11.2

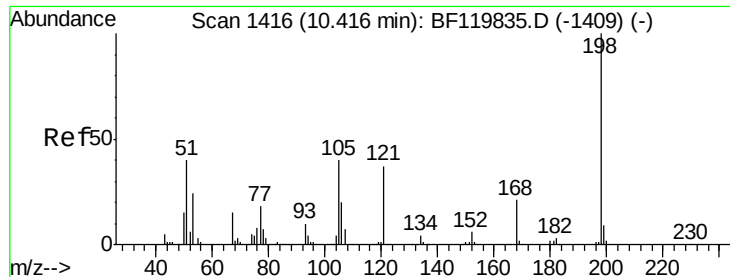


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

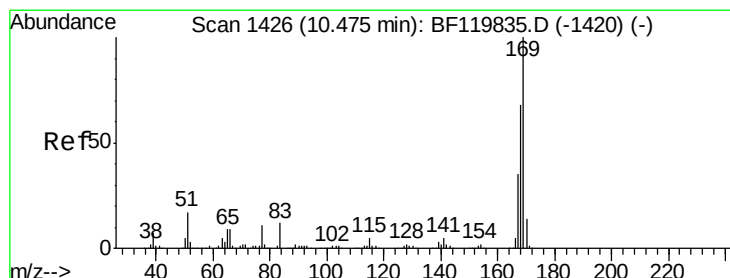
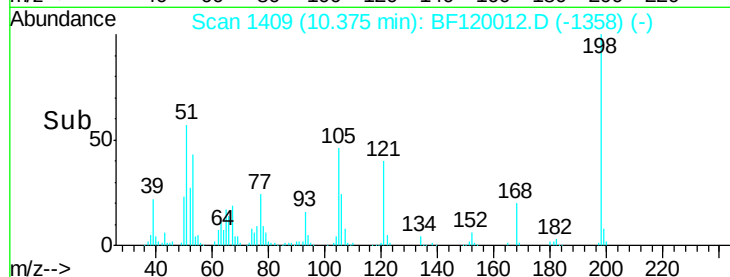
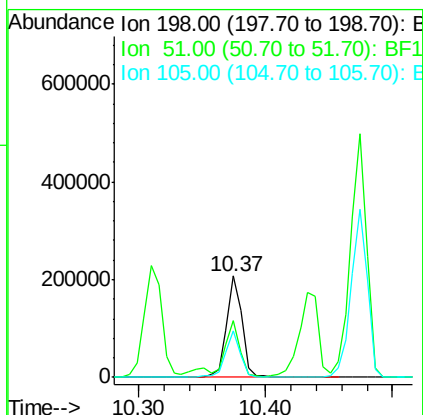
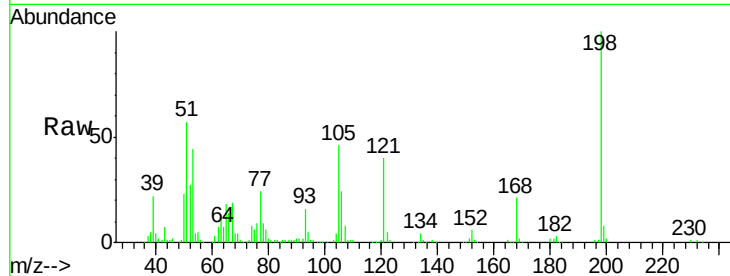




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.942 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

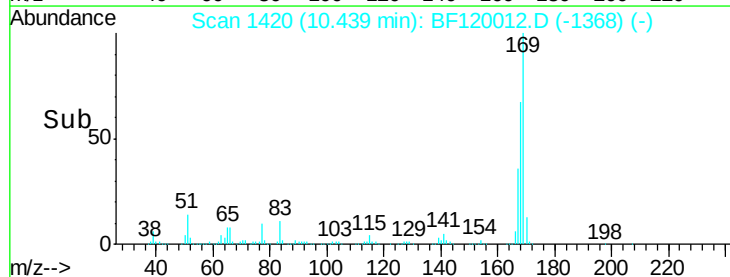
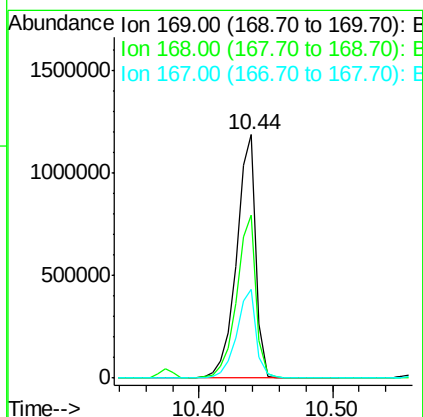
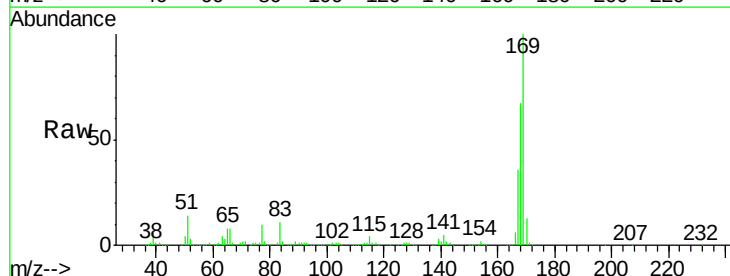
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

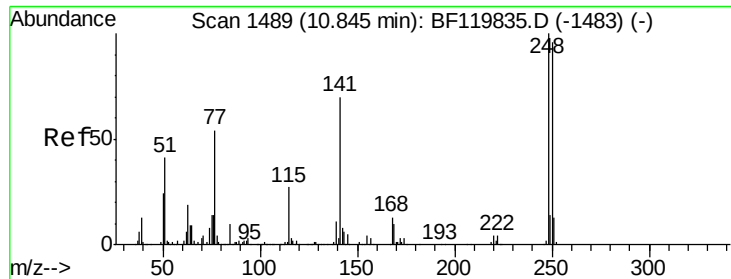
Tot Ion:198 Resp: 175322
 Ion Ratio Lower Upper
 198 100
 51 56.6 25.2 65.2
 105 45.6 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 52.750 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:169 Resp: 1198849
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.2 81.4
 167 36.3 28.3 42.5

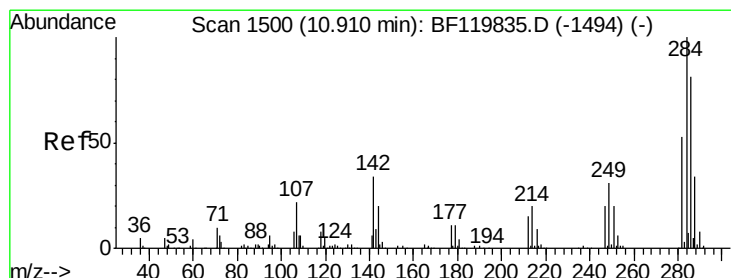
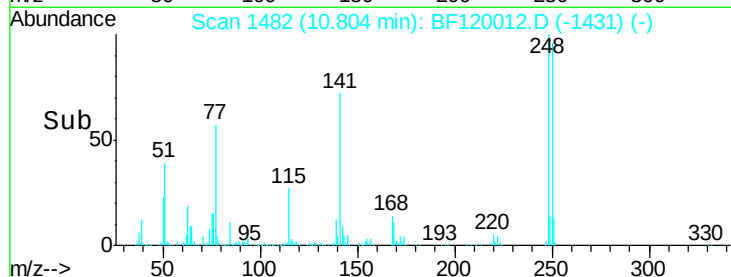
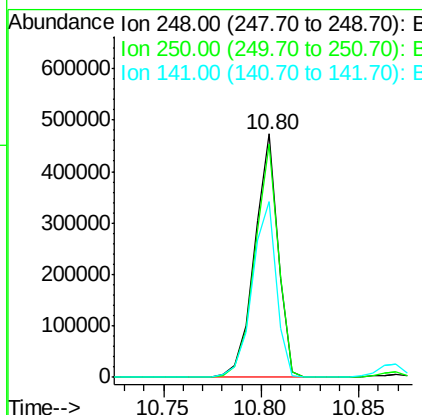
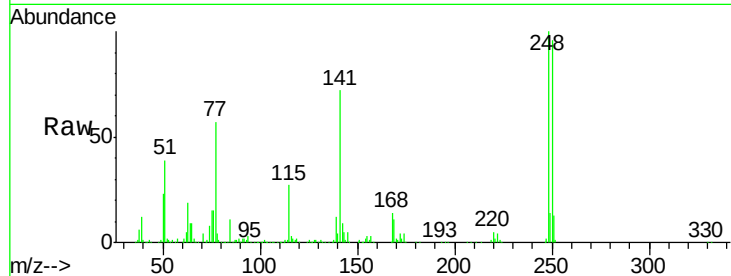




#67
4-Bromophenyl-phenylether
Concen: 46.198 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

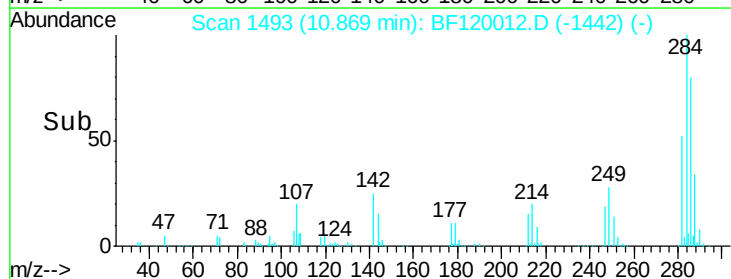
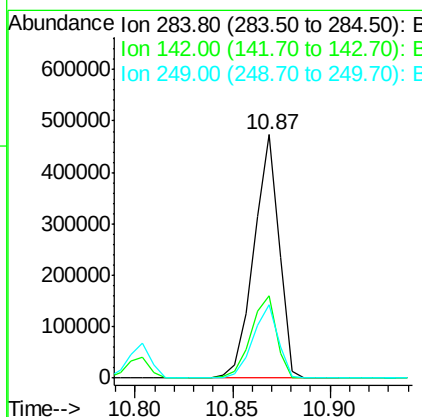
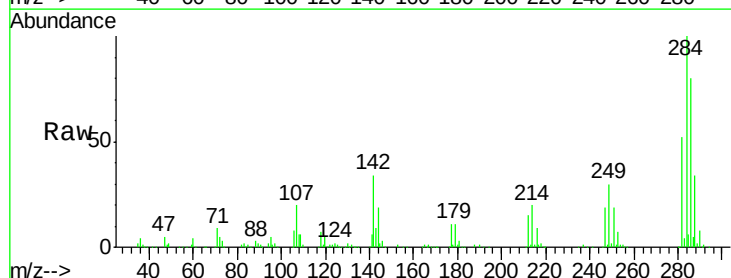
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

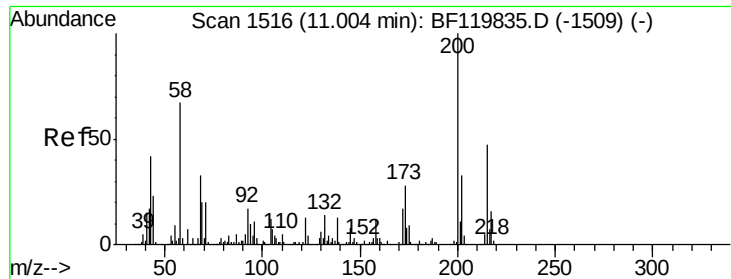
Tot Ion:248 Resp: 392608
Ion Ratio Lower Upper
248 100
250 95.7 76.6 114.8
141 72.1 55.9 83.9



#68
Hexachlorobenzene
Concen: 48.967 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion:284 Resp: 422162
Ion Ratio Lower Upper
284 100
142 33.6 26.9 40.3
249 30.3 24.6 37.0

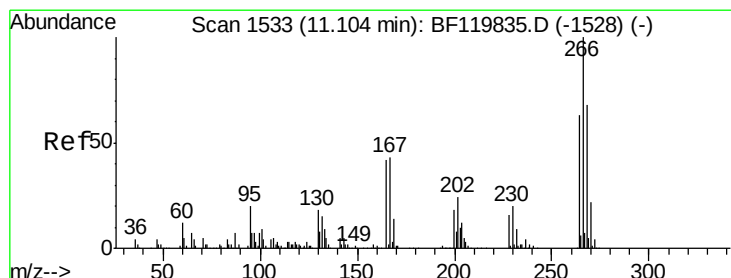
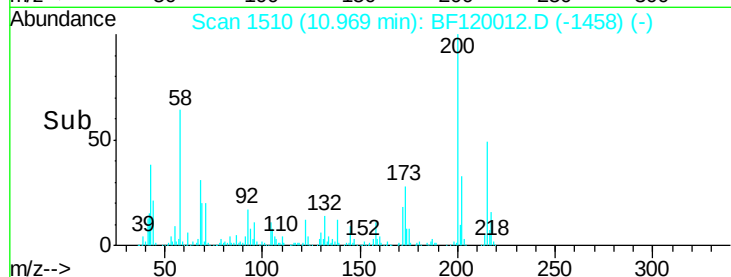
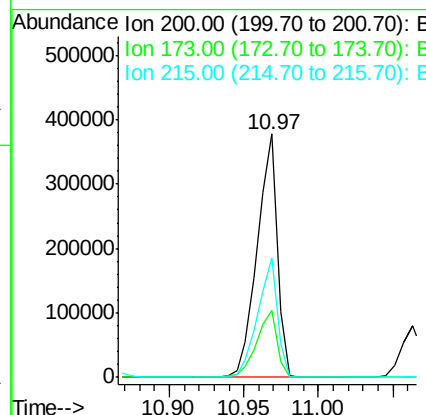
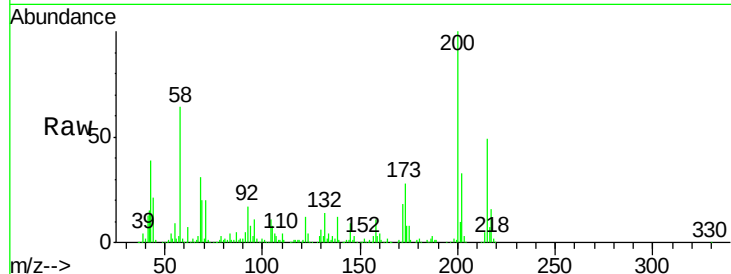




#69
Atrazine
Concen: 55.477 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

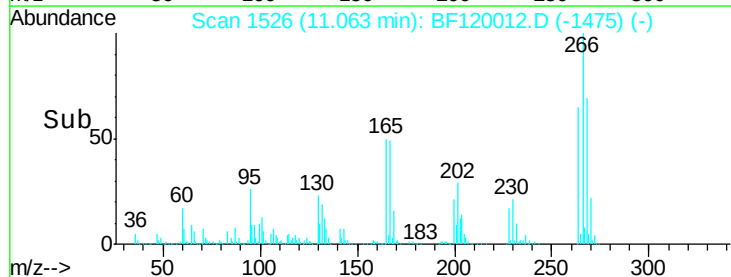
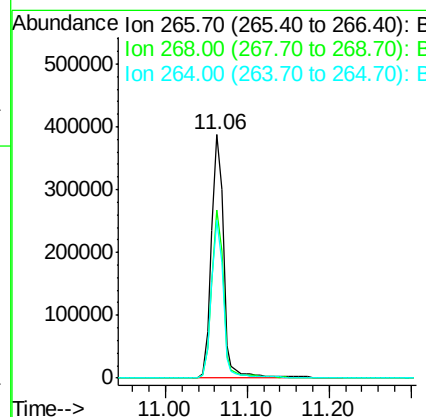
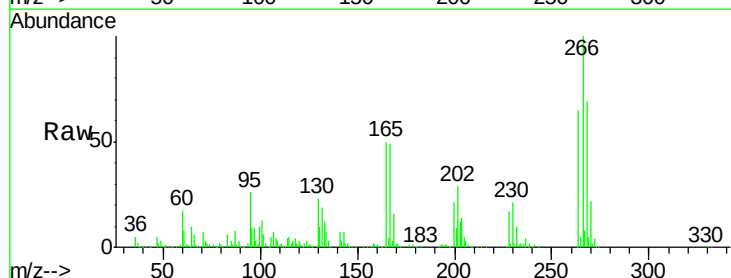
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

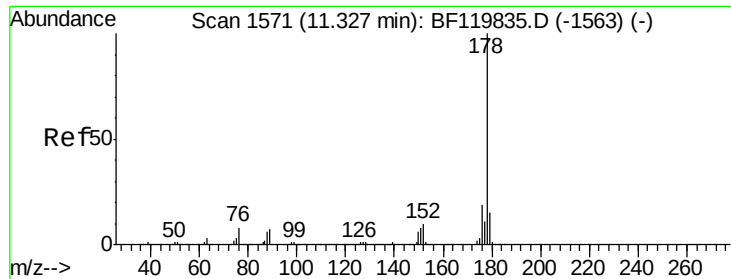
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.0	48.0
215	49.2	27.1	67.1



#70
Pentachlorophenol
Concen: 81.534 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.2	54.2	81.4
264	64.7	50.6	76.0

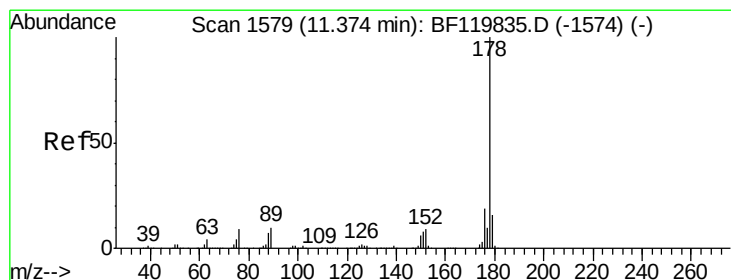
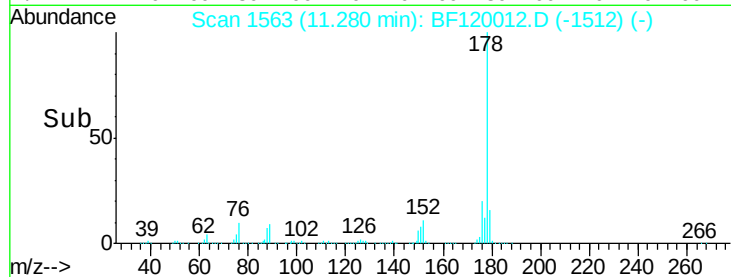
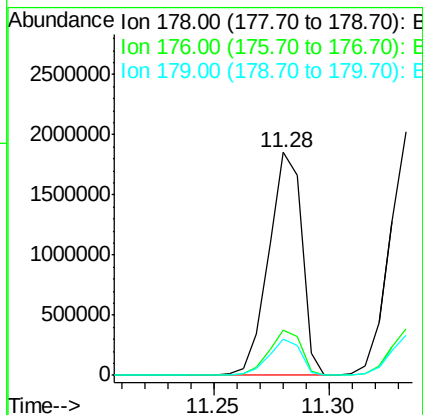
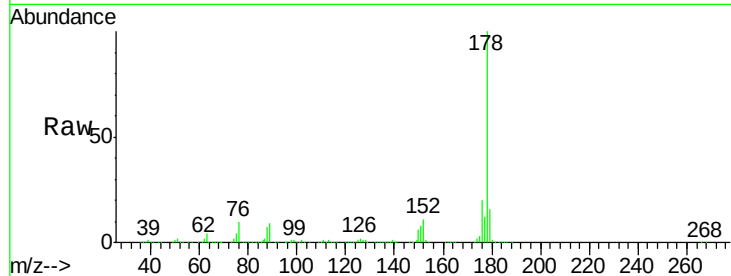




#71
Phenanthrene
Concen: 50.701 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

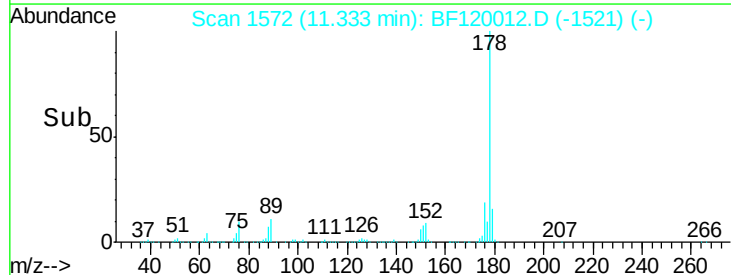
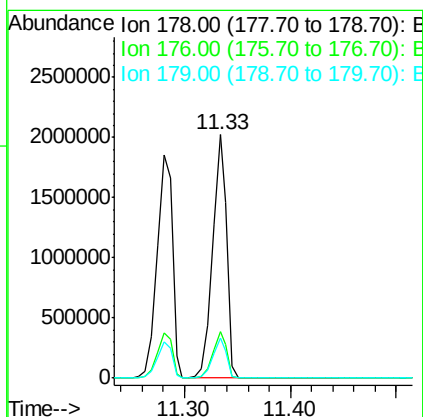
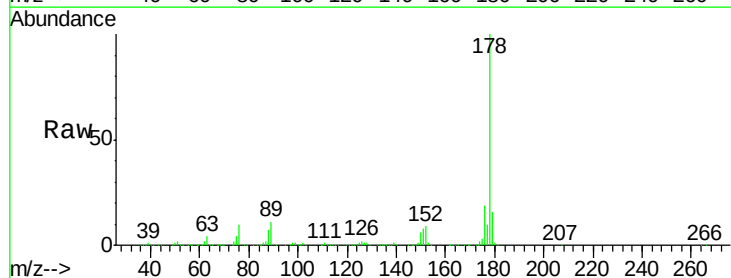
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

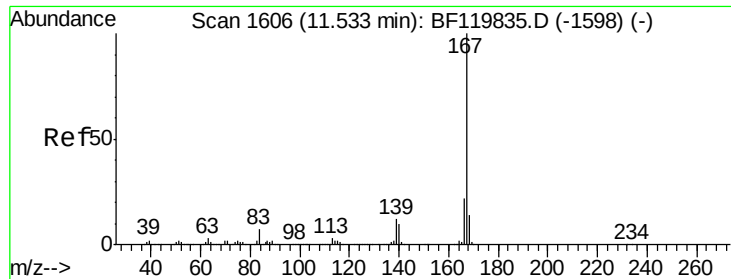
Tot Ion:178 Resp: 1843994
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 16.3 12.2 18.4



#72
Anthracene
Concen: 51.510 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion:178 Resp: 1913804
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.2 12.8 19.2

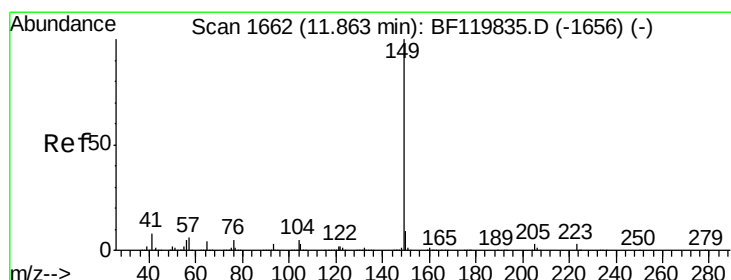
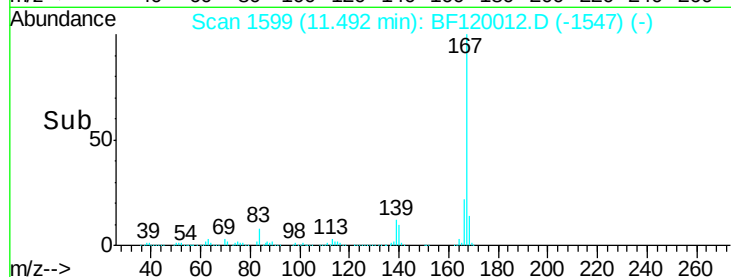
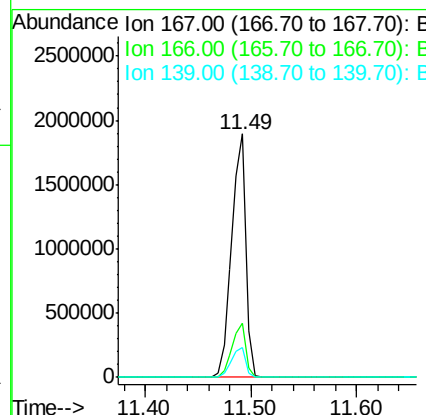
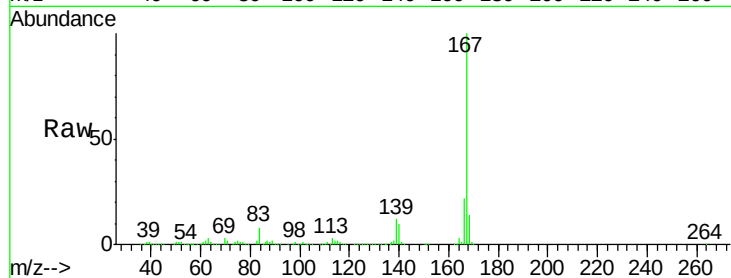




#73
 Carbazole
 Concen: 50.227 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

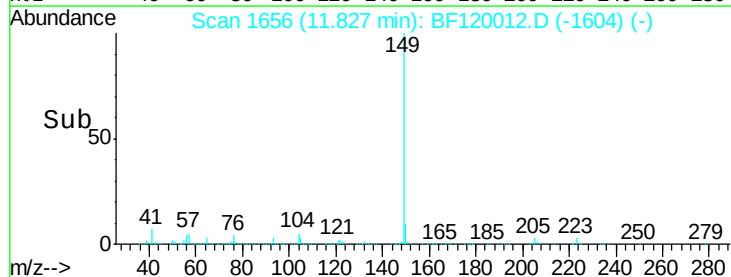
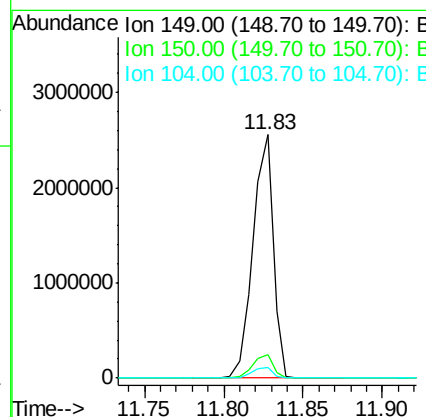
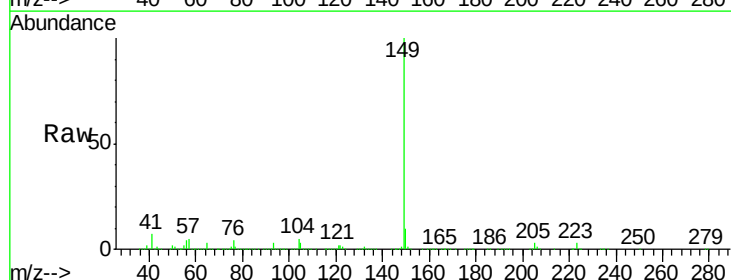
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

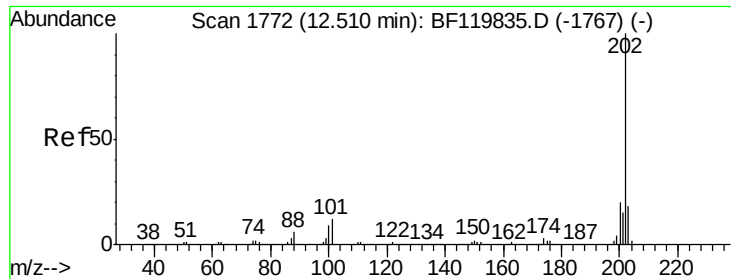
Tot Ion:167 Resp: 1764753
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 12.5 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 49.126 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:149 Resp: 2269062
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.5 3.8 5.6





#75

Fluoranthene

Concen: 50.719 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

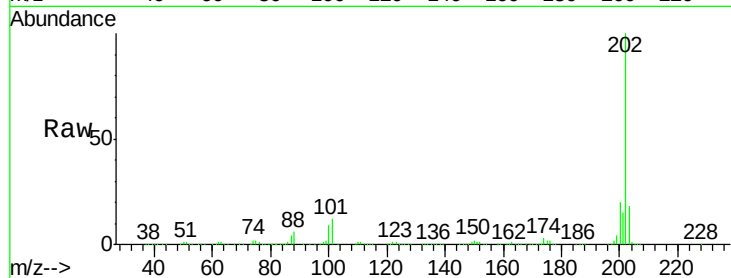
Tot Ion:202 Resp: 1990345

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.3

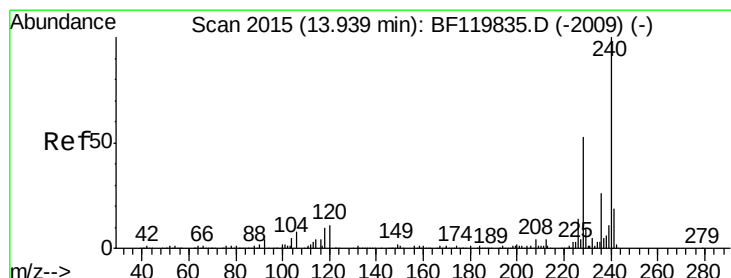
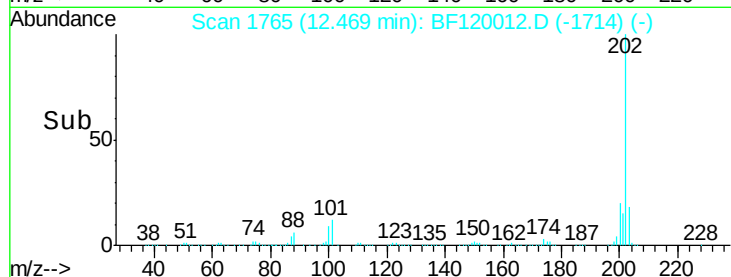
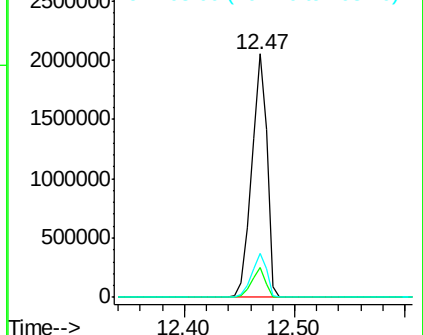
203 18.1 0.0 37.6



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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

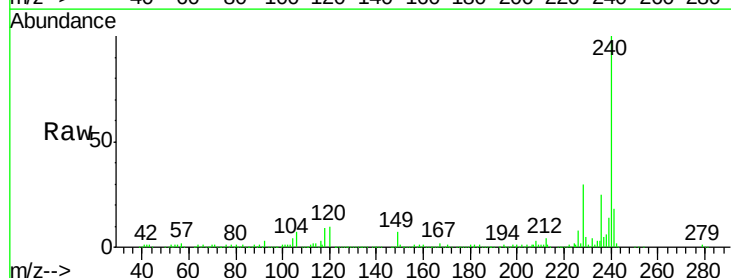
Tgt Ion:240 Resp: 446435

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

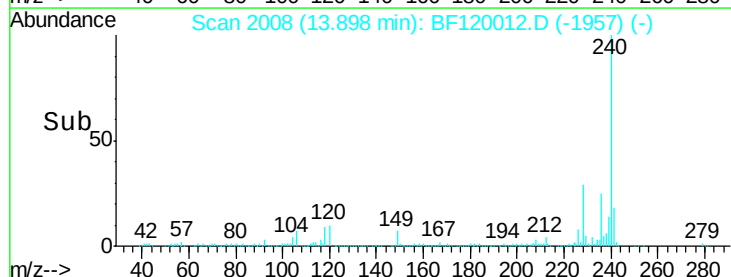
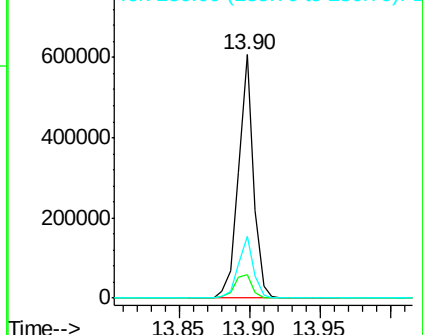
236 25.4 20.7 31.1

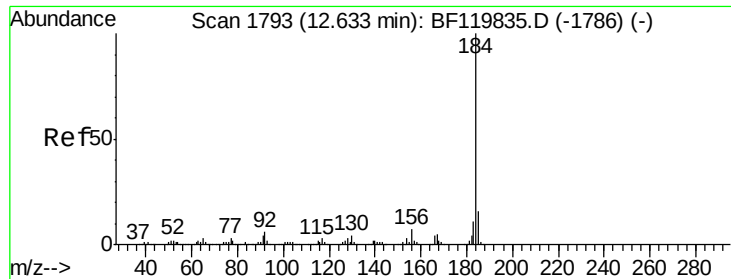


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.031 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

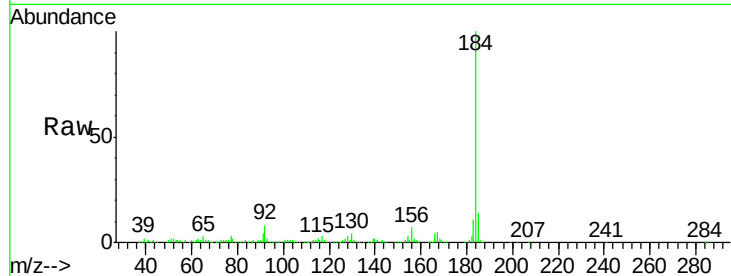
Tot Ion:184 Resp: 830462

Ion Ratio Lower Upper

184 100

185 14.3 13.2 19.8

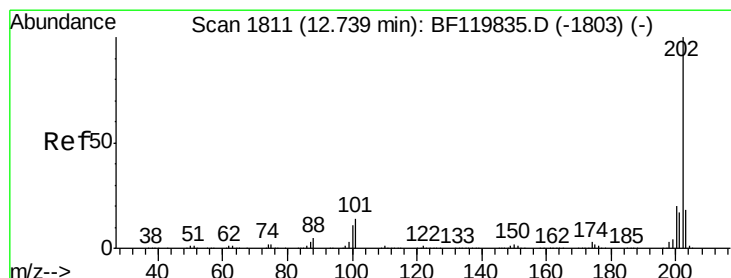
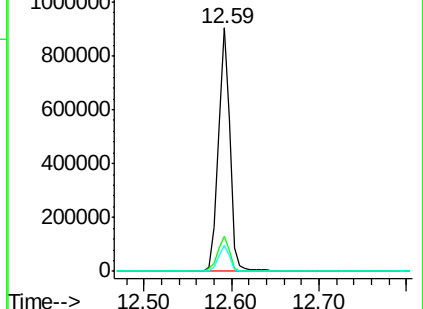
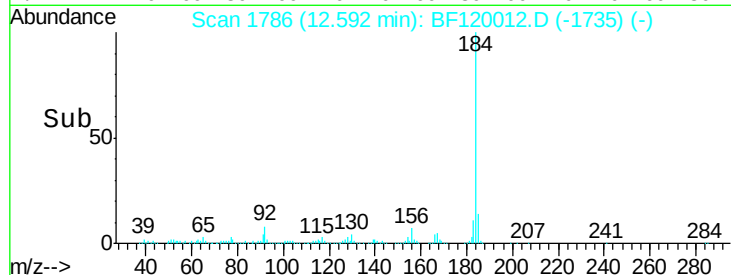
183 10.8 9.1 13.7



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: 52.590 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

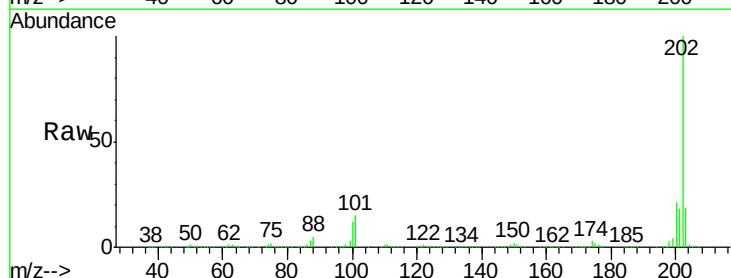
Tgt Ion:202 Resp: 1979234

Ion Ratio Lower Upper

202 100

200 20.8 16.2 24.2

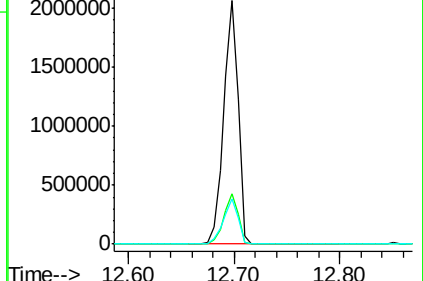
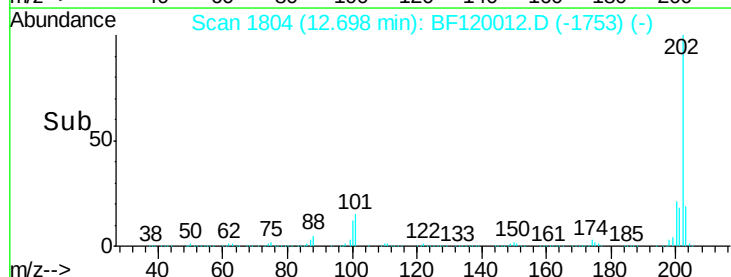
203 18.6 14.1 21.1

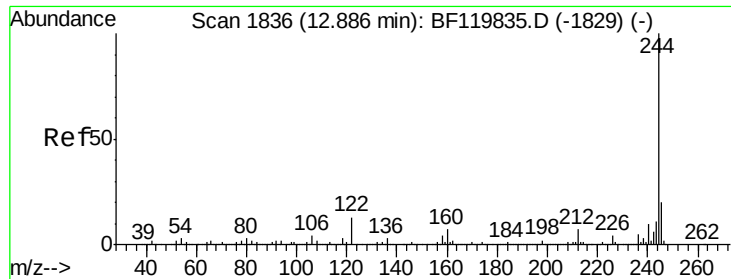


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



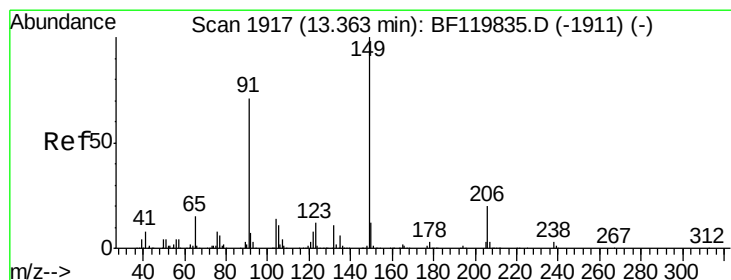
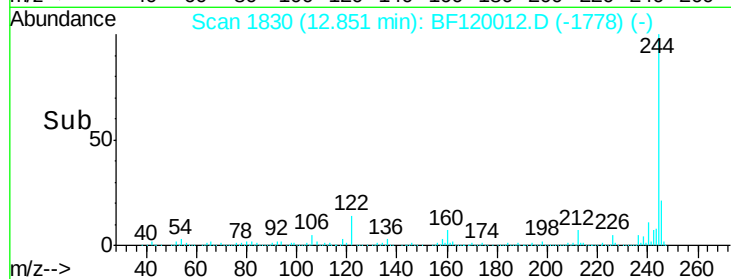
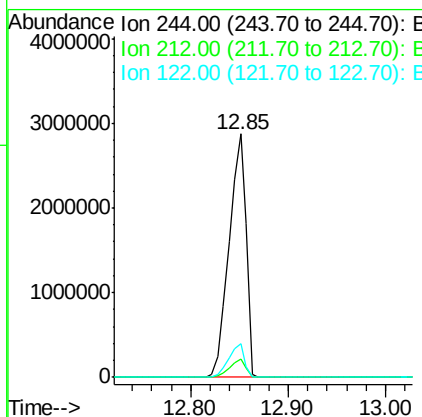
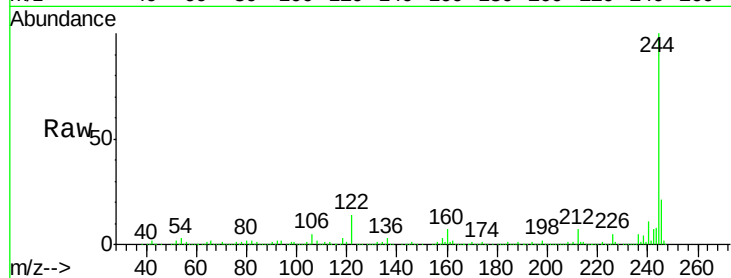


#79
 Terphenyl-d14
 Concen: 130.647 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMSD

Tot Ion:244 Resp: 3466279

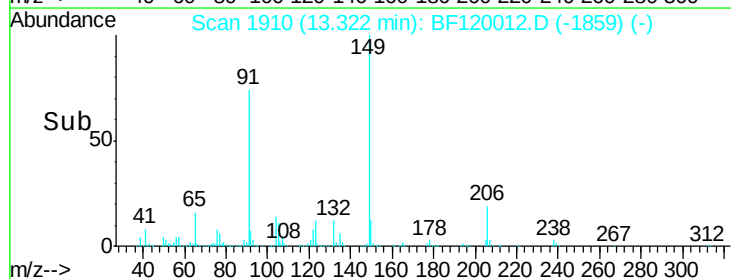
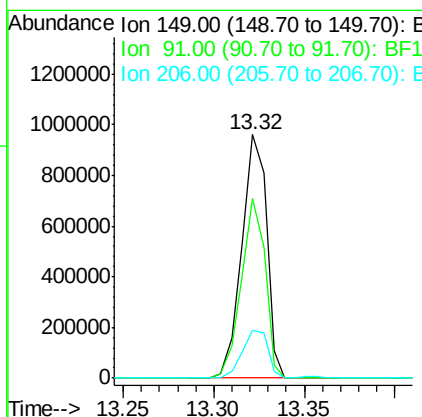
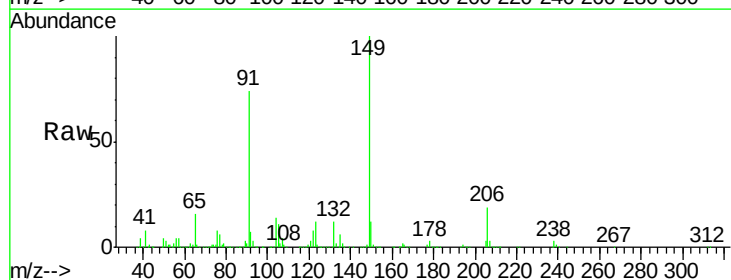
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	13.8	10.3	15.5

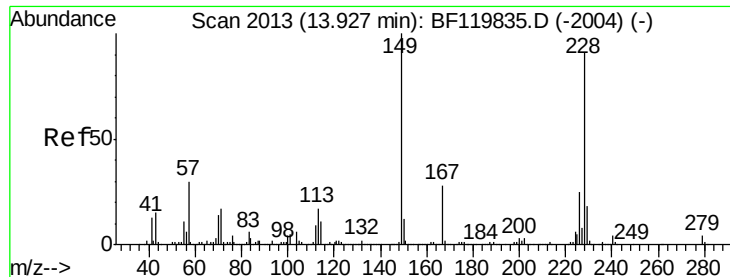


#80
 Butylbenzylphthalate
 Concen: 50.190 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: BF120012.D
 Acq: 16 Apr 2020 00:37

Tgt Ion:149 Resp: 916566

Ion	Ratio	Lower	Upper
149	100		
91	73.7	56.7	85.1
206	19.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 50.563 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

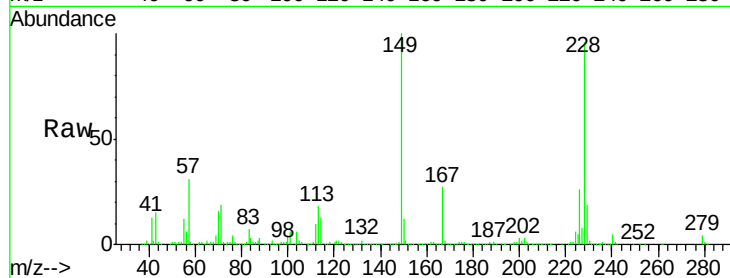
Tot Ion:228 Resp: 1485004

Ion Ratio Lower Upper

228 100

226 27.3 21.9 32.9

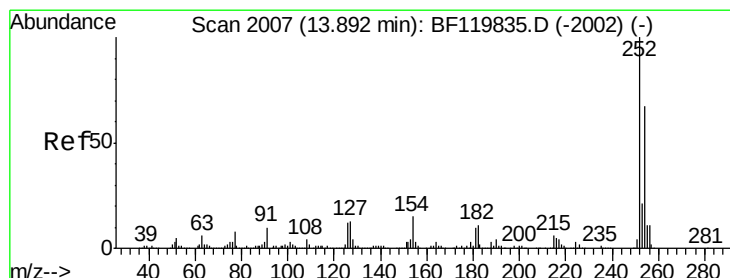
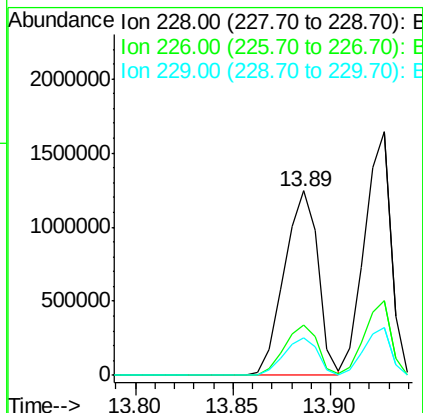
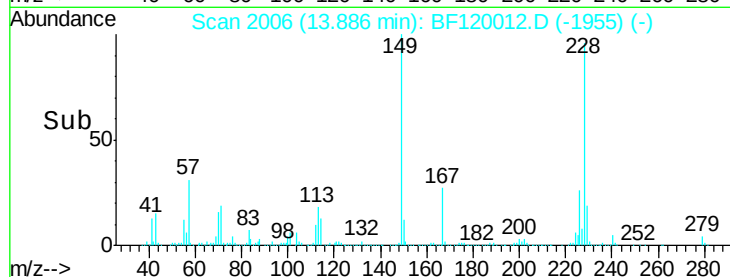
229 20.3 15.9 23.9



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: 28.446 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

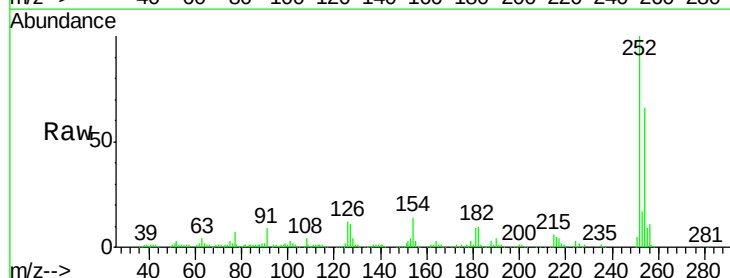
Tgt Ion:252 Resp: 311726

Ion Ratio Lower Upper

252 100

254 65.9 53.9 80.9

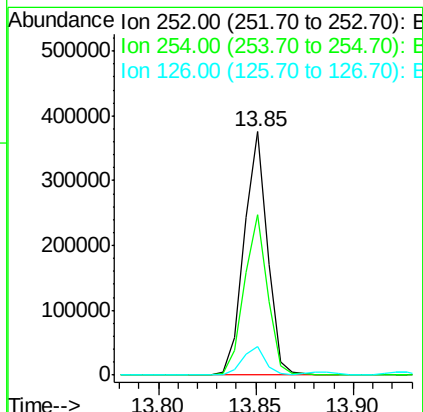
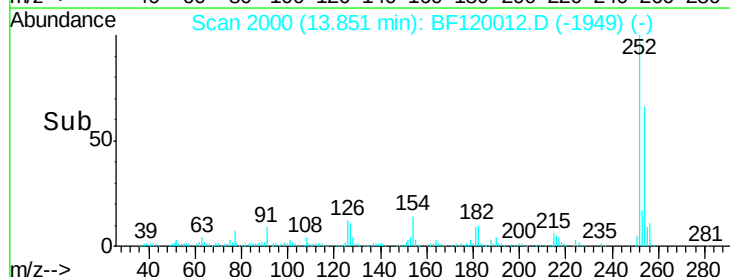
126 11.6 9.7 14.5

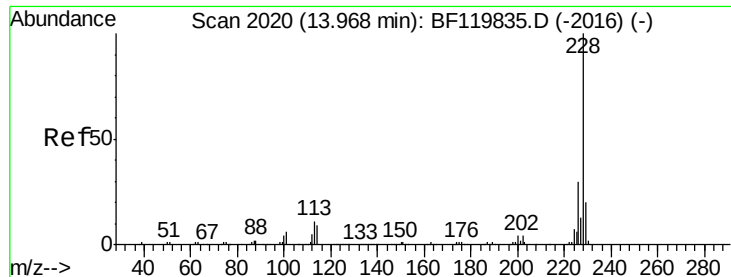


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.872 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

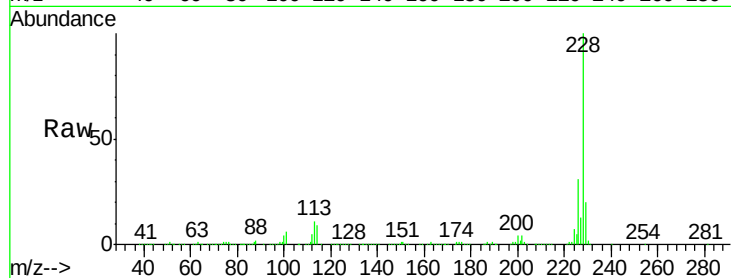
Tot Ion:228 Resp: 1547952

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

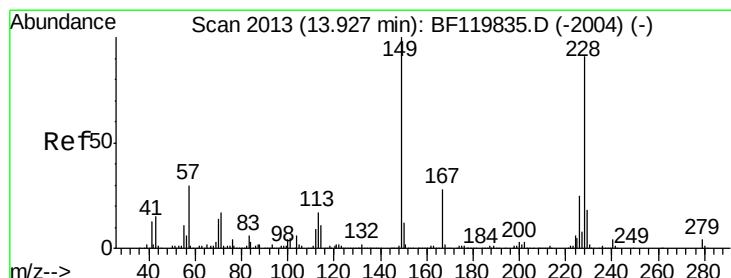
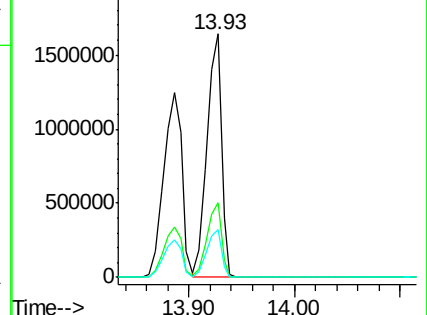
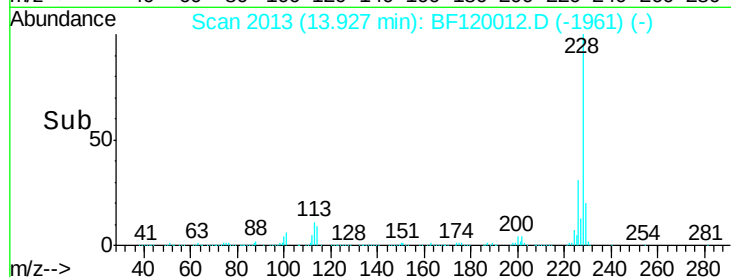
229 19.9 15.9 23.9



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: 47.400 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

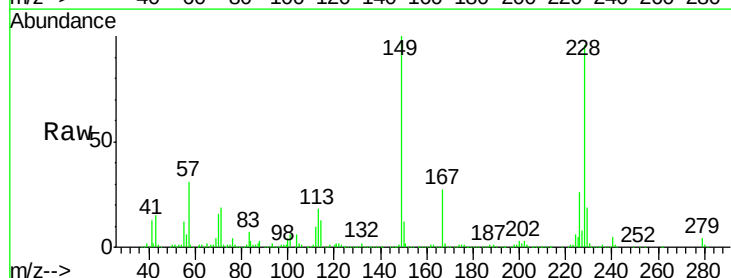
Tgt Ion:149 Resp: 1172208

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

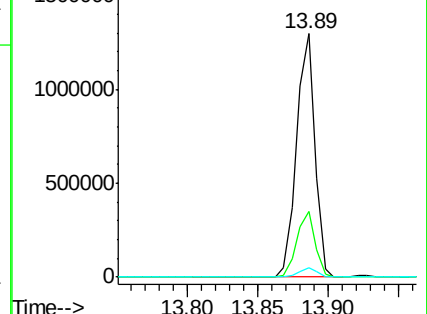
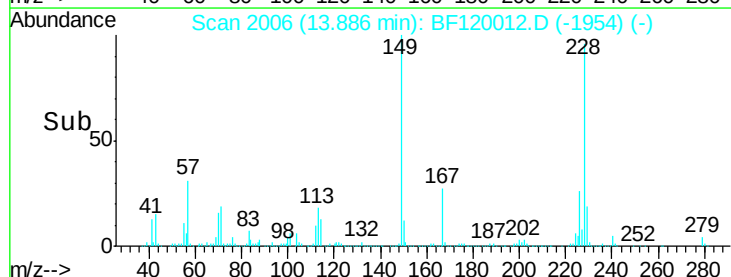
279 3.7 3.4 5.0

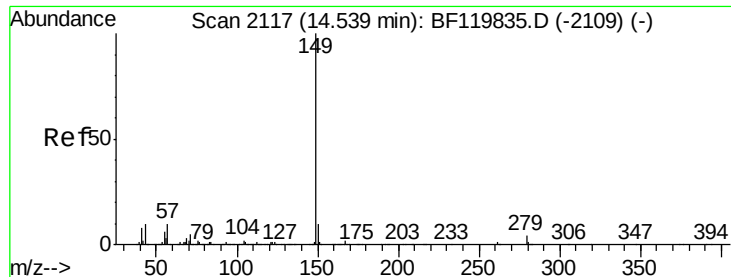


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.303 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

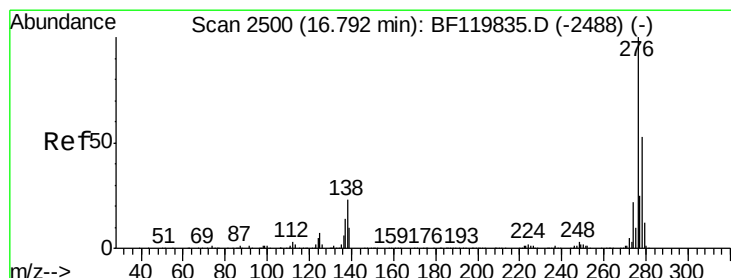
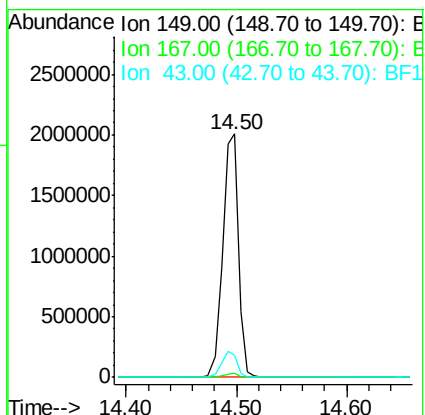
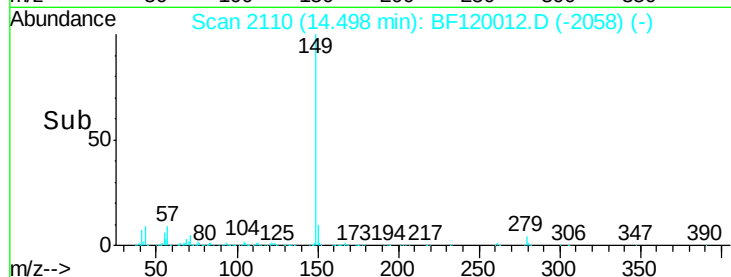
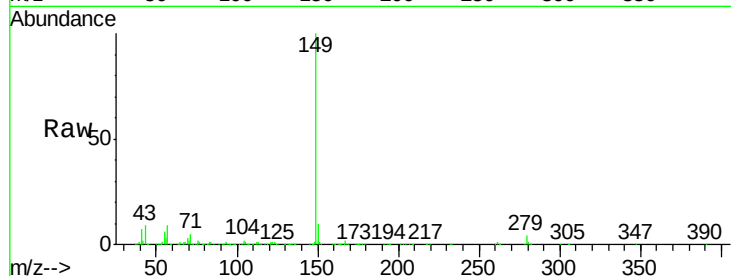
Tot Ion:149 Resp: 1991806

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.6 9.2 13.8



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.631 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

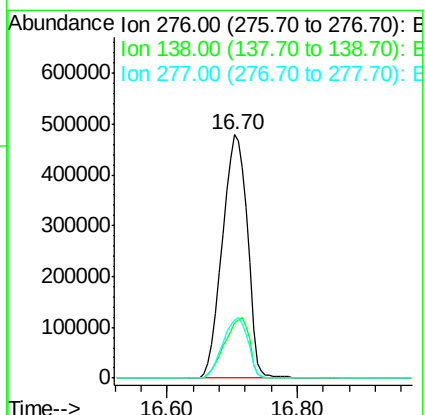
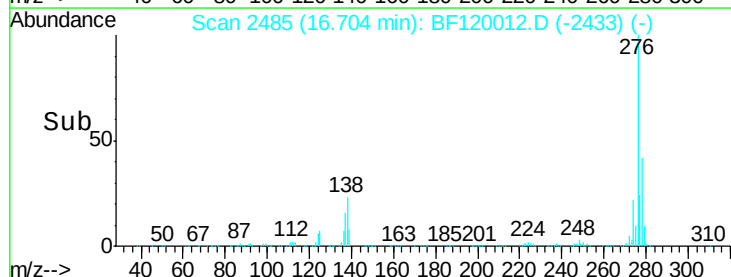
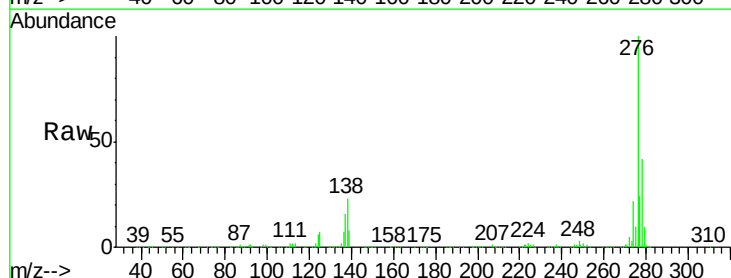
Tgt Ion:276 Resp: 1279244

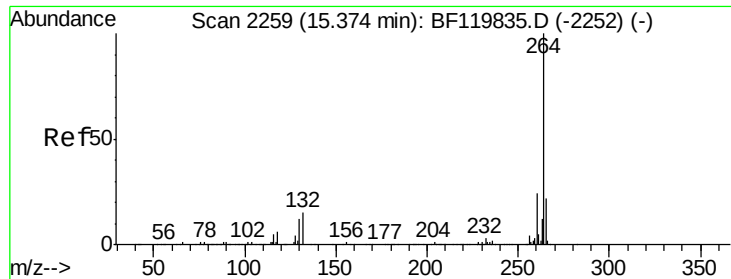
Ion Ratio Lower Upper

276 100

138 24.7 18.0 27.0

277 25.0 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSD

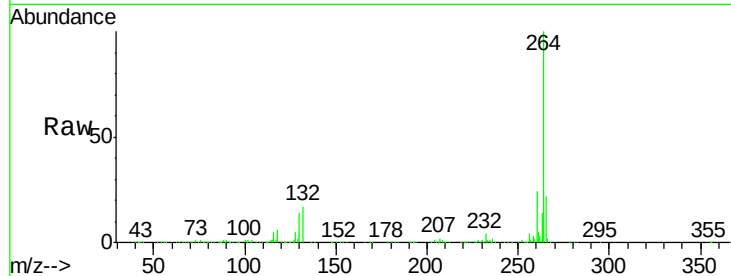
Tot Ion:264 Resp: 358635

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

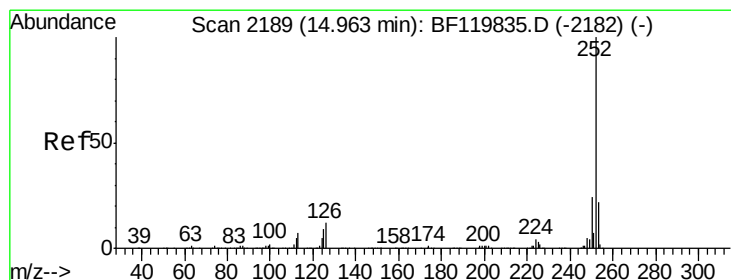
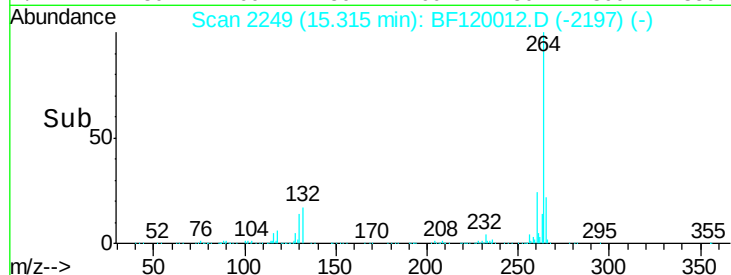
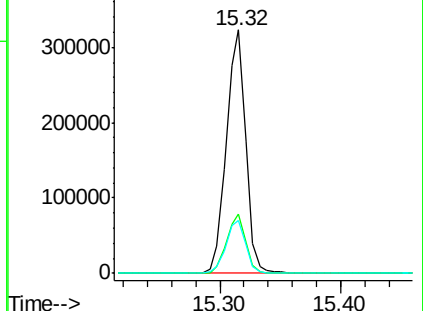
265 21.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.150 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

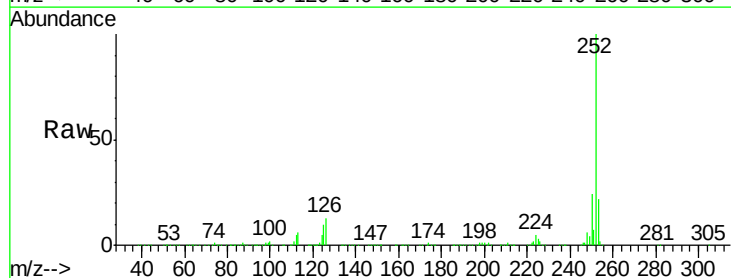
Tgt Ion:252 Resp: 1397042

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

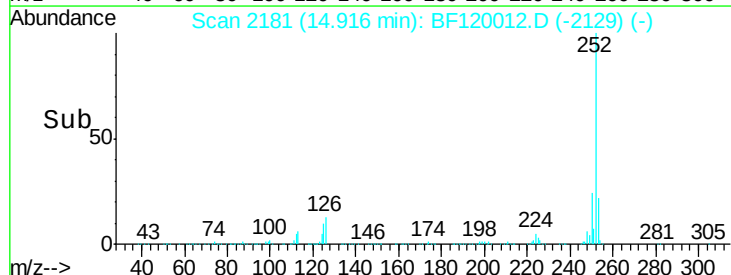
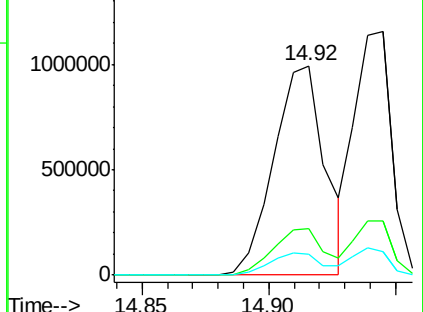
125 9.9 7.4 11.2

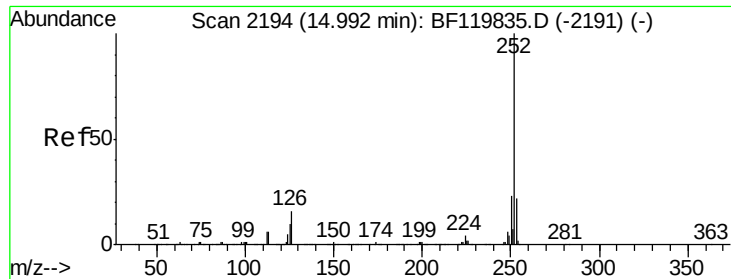


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

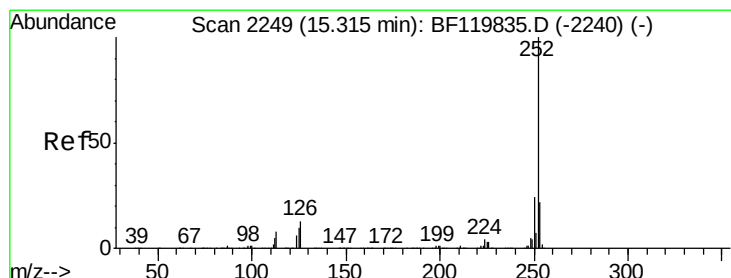
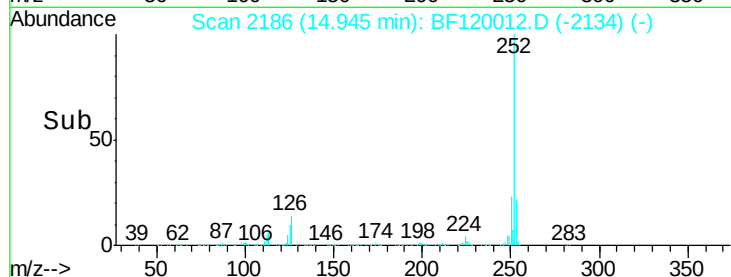
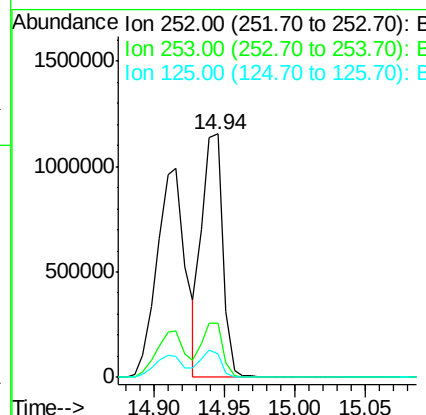
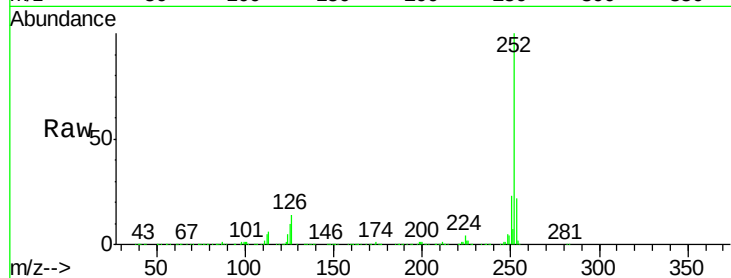




#89
Benzo(k)fluoranthene
Concen: 53.374 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

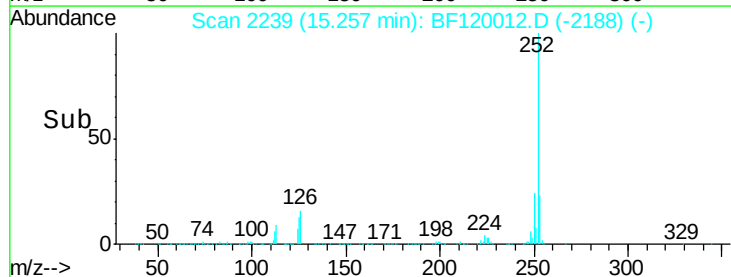
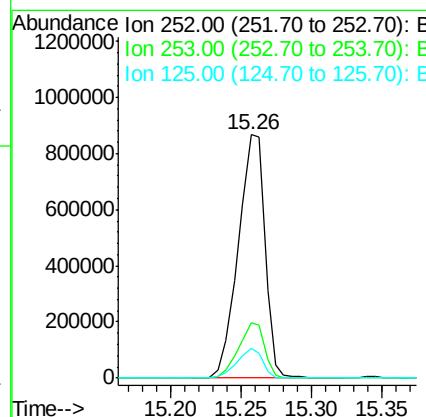
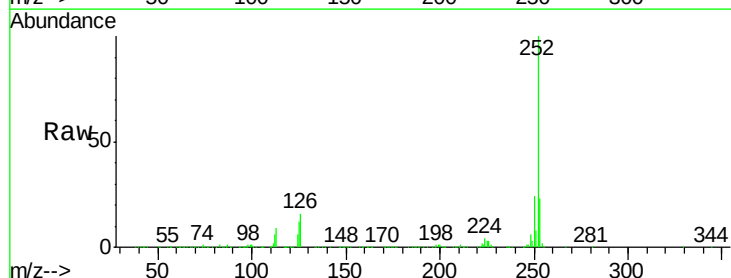
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMSD

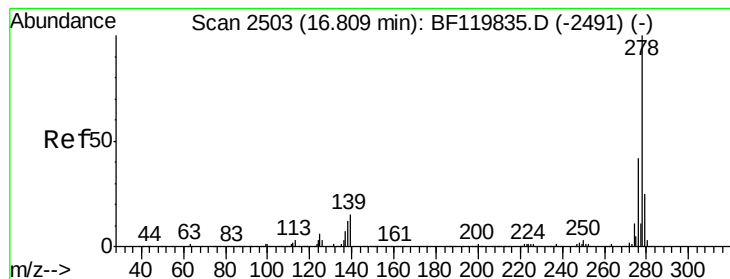
Tot Ion:252 Resp: 1188121
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 52.838 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120012.D
Acq: 16 Apr 2020 00:37

Tgt Ion:252 Resp: 1146169
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 12.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 54.617 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMSSD

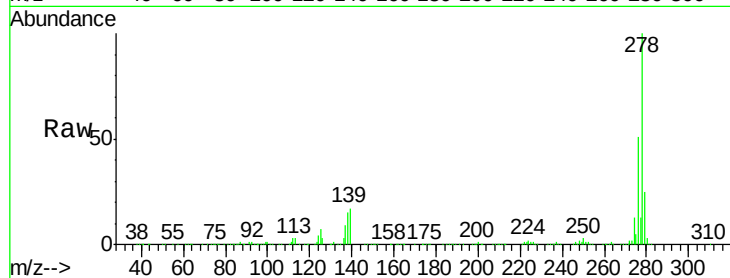
Tot Ion:278 Resp: 1049438

Ion Ratio Lower Upper

278 100

139 16.7 11.6 17.4

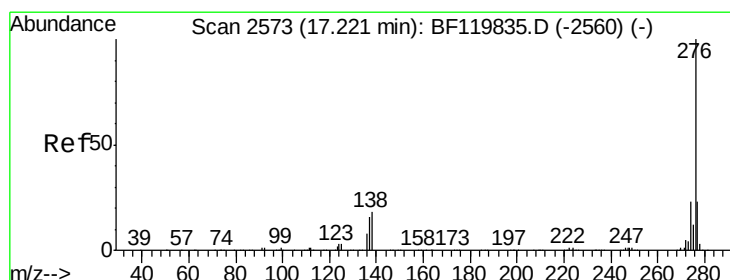
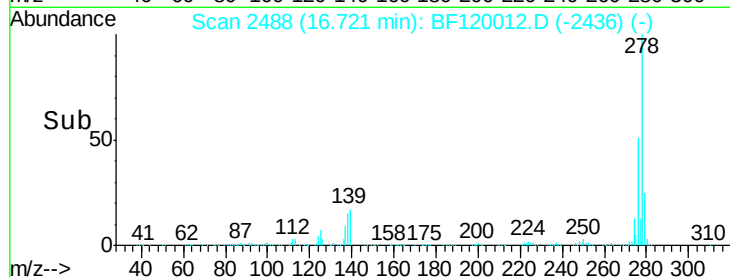
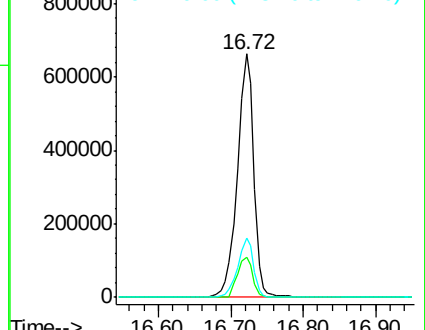
279 24.5 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.161 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF120012.D

Acq: 16 Apr 2020 00:37

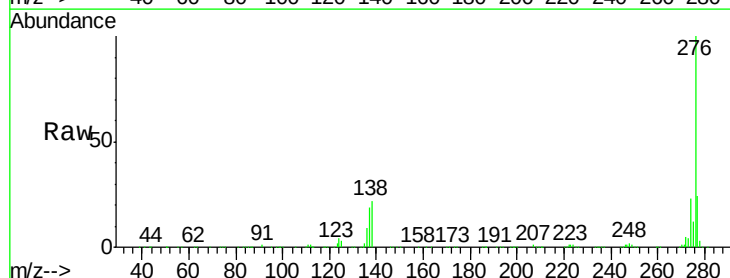
Tgt Ion:276 Resp: 1046229

Ion Ratio Lower Upper

276 100

277 24.5 18.5 27.7

138 21.8 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

