

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120011.D
 Acq On : 16 Apr 2020 00:10
 Operator : MA/SJ
 Sample : L2244-12MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Apr 16 04:25:27 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	175204	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	678204	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	352479	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	669547	20.00	ng	0.00
76) Chrysene-d12	13.90	240	426643	20.00	ng	0.00
87) Perylene-d12	15.32	264	357457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1670076	164.73	ng	0.01
7) Phenol-d6	6.37	99	2161913	165.49	ng	0.00
23) Nitrobenzene-d5	7.30	82	1364531	104.09	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	582492	134.98	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2594599	104.51	ng	0.00
79) Terphenyl-d14	12.84	244	2750942	108.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	222046	49.174	ng	94
3) Pyridine	3.14	79	594767	48.008	ng	99
4) n-Nitrosodimethylamine	3.10	42	326261	51.543	ng	93
6) Aniline	6.39	93	659626	38.471	ng	99
8) 2-Chlorophenol	6.51	128	672021	59.327	ng	98
9) Benzaldehyde	6.27	77	302298	45.977	ng	97
10) Phenol	6.38	94	834731	56.324	ng	95
11) bis(2-Chloroethyl)ether	6.47	93	637531	55.714	ng	99
12) 1,3-Dichlorobenzene	6.67	146	664287	53.566	ng	98
13) 1,4-Dichlorobenzene	6.75	146	672612	53.244	ng	98
14) 1,2-Dichlorobenzene	6.90	146	626236	53.790	ng	98
15) Benzyl Alcohol	6.87	79	528665	52.104	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1097564	49.290	ng	97
17) 2-Methylphenol	6.99	107	537392	53.160	ng	98
18) Hexachloroethane	7.24	117	257941	54.635	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	463169	55.137	ng	95
20) 3+4-Methylphenols	7.15	107	659628	53.353	ng	96
22) Acetophenone	7.14	105	882064	55.541	ng	# 98
24) Nitrobenzene	7.32	77	687283	52.115	ng	99
25) Isophorone	7.56	82	1307065	51.721	ng	99
26) 2-Nitrophenol	7.63	139	369445	56.073	ng	97
27) 2,4-Dimethylphenol	7.67	122	563292	56.687	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	822144	55.286	ng	100
29) 2,4-Dichlorophenol	7.87	162	553526	54.345	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	597125	51.740	ng	98
31) Naphthalene	8.03	128	1891767	53.017	ng	100
32) Benzoic acid	7.79	122	219376	25.138	ng	100
33) 4-Chloroaniline	8.08	127	293202	18.875	ng	99
34) Hexachlorobutadiene	8.15	225	342703	49.606	ng	99
35) Caprolactam	8.47	113	97097	31.164	ng	94
36) 4-Chloro-3-methylphenol	8.58	107	599549	54.369	ng	94
37) 2-Methylnaphthalene	8.73	142	1298304	53.668	ng	99
38) 1-Methylnaphthalene	8.83	142	1222332	53.607	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	576511	51.785	ng	99

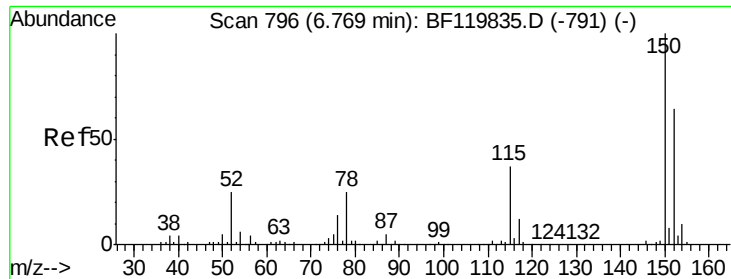
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120011.D
 Acq On : 16 Apr 2020 00:10
 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	586167	92.594	nq	99
43) 2,4,6-Trichlorophenol	9.01	196	414704	53.944	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	427660	49.391	nq	97
46) 1,1'-Biphenyl	9.19	154	1564295	52.579	nq	98
47) 2-Chloronaphthalene	9.22	162	1214939	53.011	nq	98
48) 2-Nitroaniline	9.32	65	424243	51.080	nq	97
49) Acenaphthylene	9.63	152	1863374	53.461	nq	99
50) Dimethylphthalate	9.50	163	1591368	58.369	nq	99
51) 2,6-Dinitrotoluene	9.56	165	314810	52.729	nq	88
52) Acenaphthene	9.80	154	1123909	48.339	nq	99
53) 3-Nitroaniline	9.73	138	183255	26.876	nq	97
54) 2,4-Dinitrophenol	9.83	184	125244	35.039	nq	95
55) Dibenzofuran	9.98	168	1656494	51.918	nq	99
56) 4-Nitrophenol	9.90	139	497563	98.072	nq	92
57) 2,4-Dinitrotoluene	9.97	165	412930	52.496	nq	96
58) Fluorene	10.32	166	1285866	50.393	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	348043	52.557	nq	98
60) Diethylphthalate	10.20	149	1440994	50.996	nq	100
61) 4-Chlorophenyl-phenylether	10.32	204	619949	47.403	nq	98
62) 4-Nitroaniline	10.35	138	330470	50.855	nq	97
63) Azobenzene	10.47	77	1371076	54.142	nq	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	131610	29.837	nq	90
66) n-Nitrosodiphenylamine	10.44	169	1189975	53.441	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	393445	47.252	nq	96
68) Hexachlorobenzene	10.87	284	418829	49.584	nq	99
69) Atrazine	10.97	200	355559	57.391	nq	98
70) Pentachlorophenol	11.06	266	353474	72.615	nq	99
71) Phenanthrene	11.28	178	1858373	52.152	nq	98
72) Anthracene	11.33	178	1920763	52.765	nq	99
73) Carbazole	11.49	167	1747946	50.776	nq	99
74) Di-n-butylphthalate	11.83	149	2244311	49.593	nq	99
75) Fluoranthene	12.47	202	2006424	52.185	nq	99
77) Benzidine	12.59	184	819891	56.851	nq	97
78) Pyrene	12.70	202	1971097	54.803	nq	99
80) Butylbenzylphthalate	13.32	149	914437	52.396	nq	100
81) Benzo(a)anthracene	13.89	228	1485904	52.941	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	272249	25.996	nq	96
83) Chrysene	13.93	228	1547887	54.276	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1175980	49.758	nq	100
85) Di-n-octyl phthalate	14.50	149	1978428	49.165	nq	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1269807	50.511	nq	98
88) Benzo(b)fluoranthene	14.94	252	1187657	46.186	nq	99
89) Benzo(k)fluoranthene	14.94	252	1187657	53.529	nq	100
90) Benzo(a)pyrene	15.26	252	1159433	53.626	nq	100
91) Dibenzo(a,h)anthracene	16.72	278	1055880	55.133	nq	# 96
92) Benzo(g,h,i)perylene	17.13	276	1054255	55.767	nq	97

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

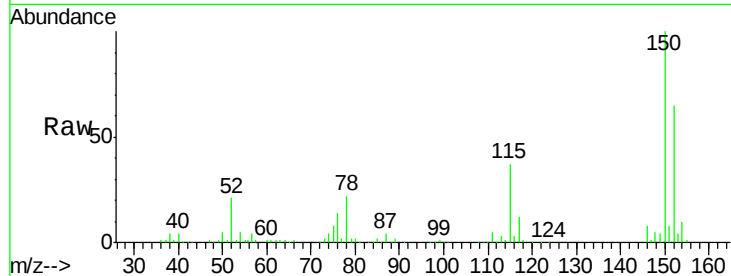


#1

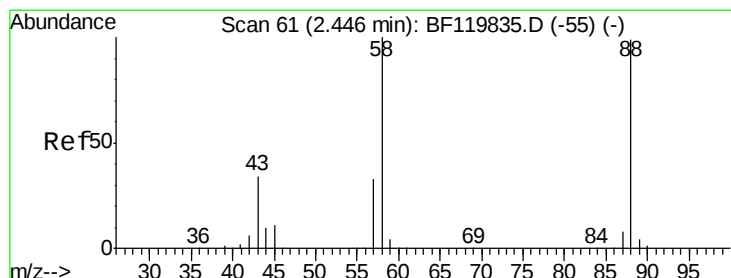
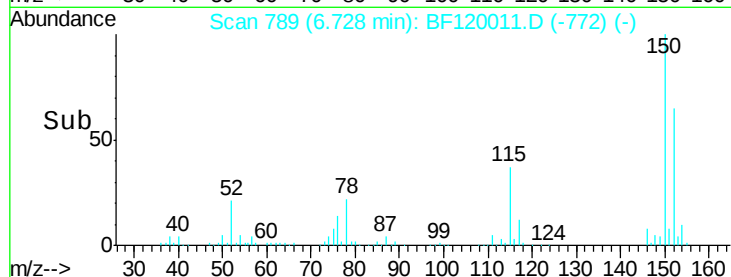
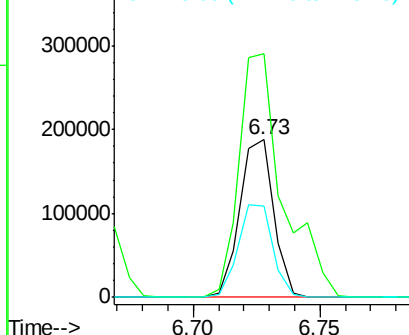
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

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

Tot Ion:152 Resp: 175204
Ion Ratio Lower Upper
152 100
150 154.8 124.8 187.2
115 58.0 46.5 69.7



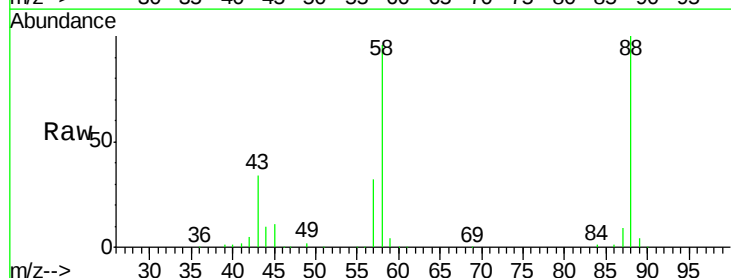
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



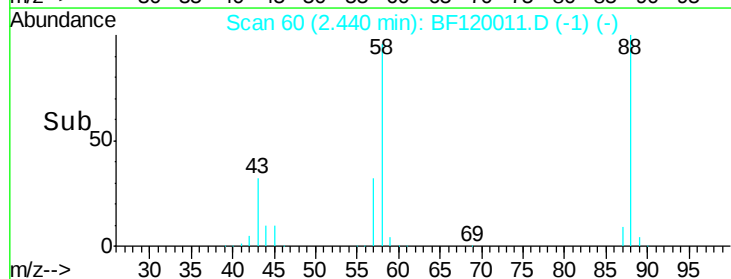
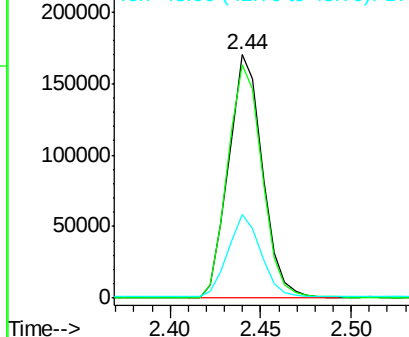
#2

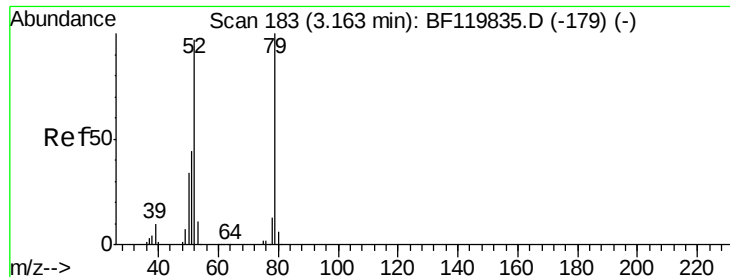
1,4-Dioxane
Concen: 49.174 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.06 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion: 88 Resp: 222046
Ion Ratio Lower Upper
88 100
58 97.0 82.6 123.8
43 33.0 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: 48.008 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.07 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

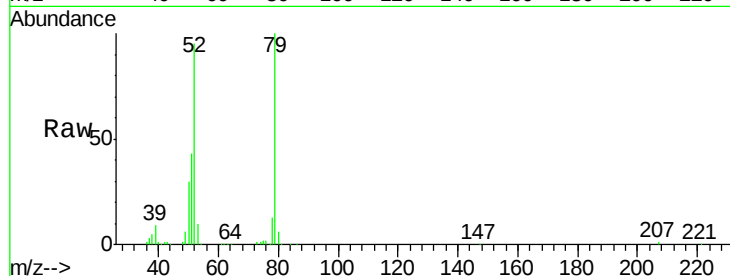
Tot Ion: 79 Resp: 594767

Ion Ratio Lower Upper

79 100

52 95.1 77.4 116.0

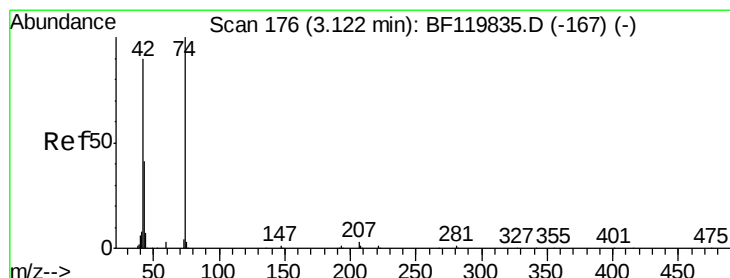
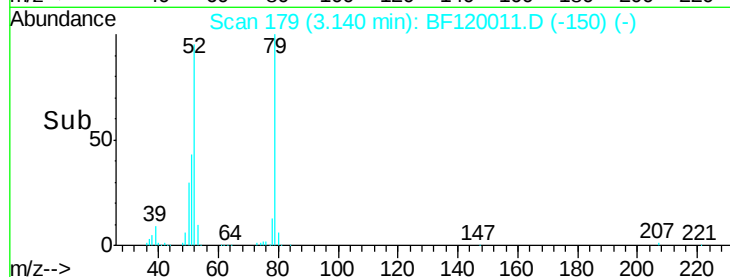
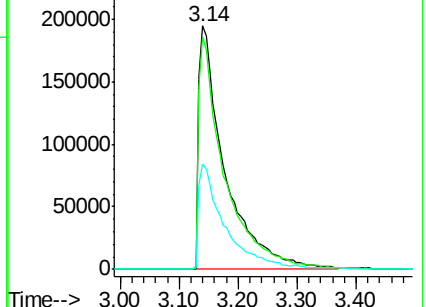
51 43.4 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 51.543 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.06 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

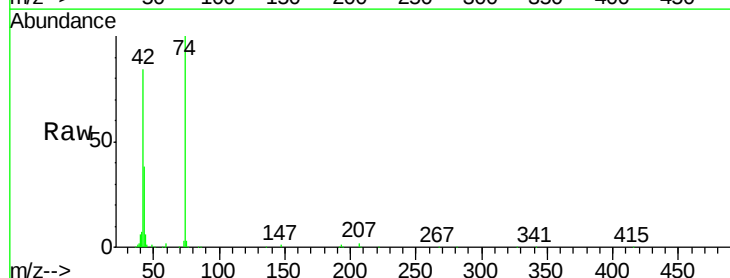
Tgt Ion: 42 Resp: 326261

Ion Ratio Lower Upper

42 100

74 119.3 89.0 133.4

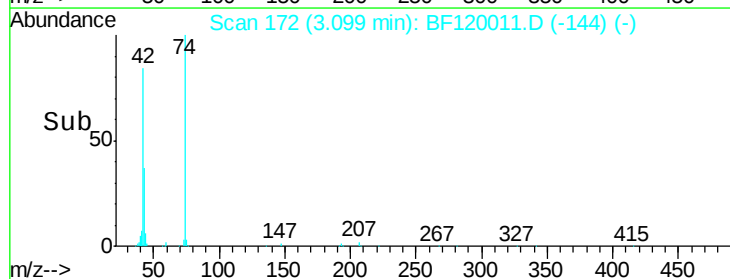
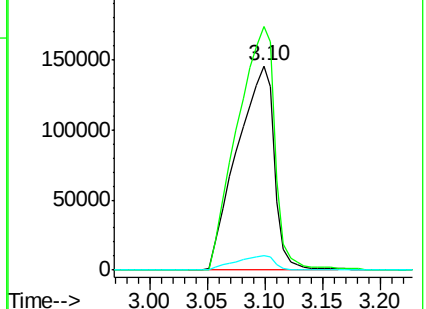
44 7.3 6.2 9.4

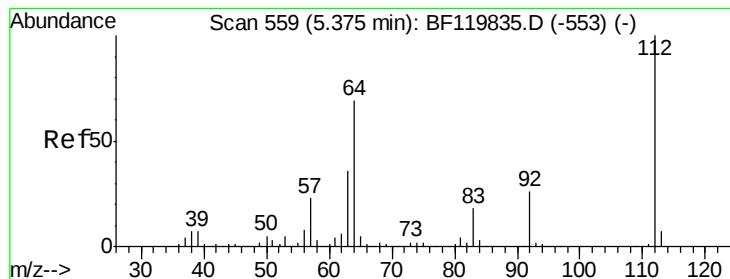


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 164.734 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

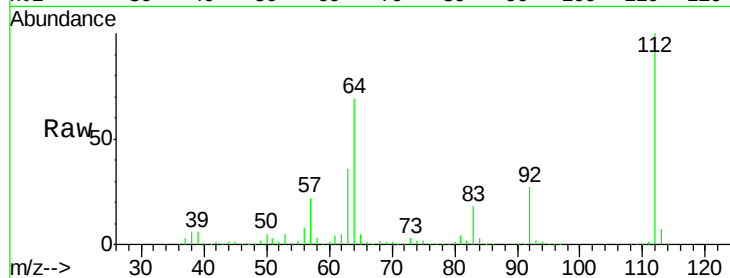
Tot Ion:112 Resp: 1670076

Ion Ratio Lower Upper

112 100

64 69.0 55.5 83.3

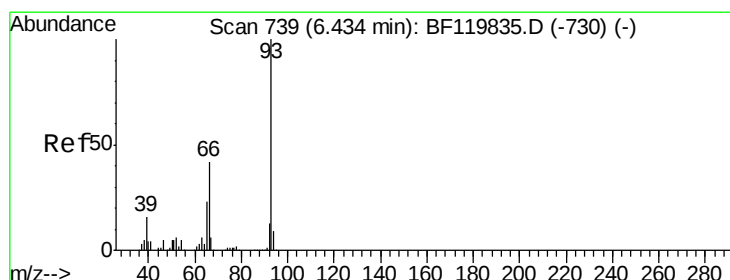
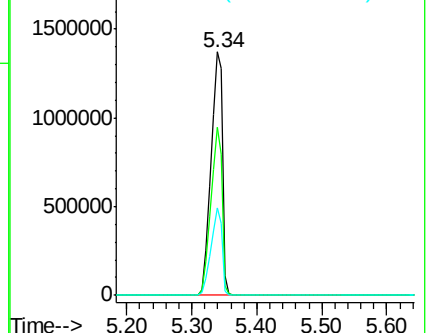
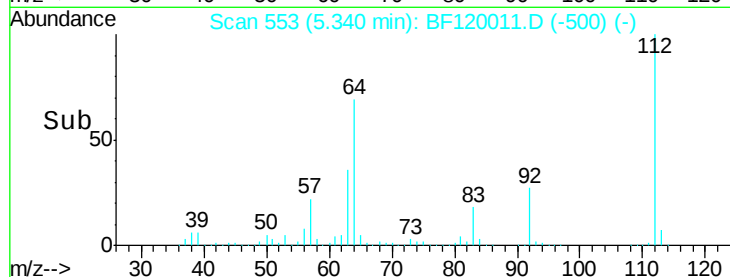
63 36.1 29.1 43.7



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: 38.471 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

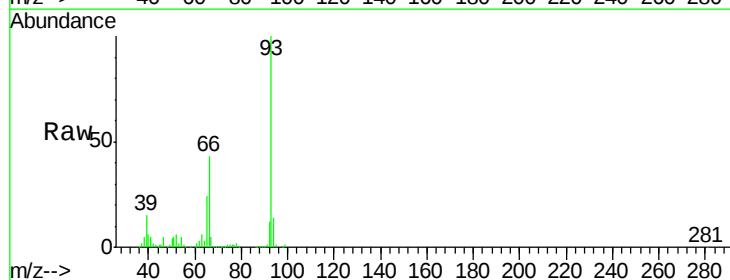
Tgt Ion: 93 Resp: 659626

Ion Ratio Lower Upper

93 100

66 43.4 34.2 51.2

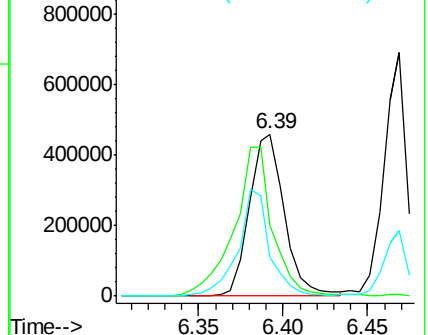
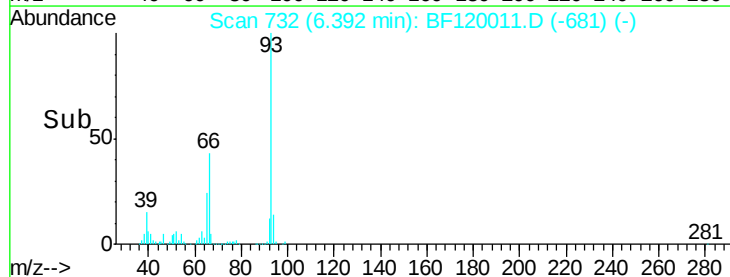
65 23.8 18.3 27.5



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: 165.494 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

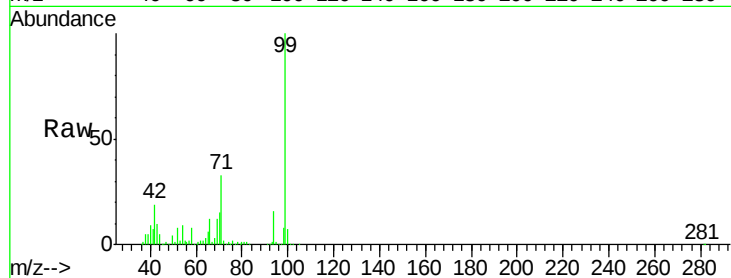
BNA_F

ClientSampleId :

TP-23-22-COMPMS

Tot Ion: 99 Resp: 2161913

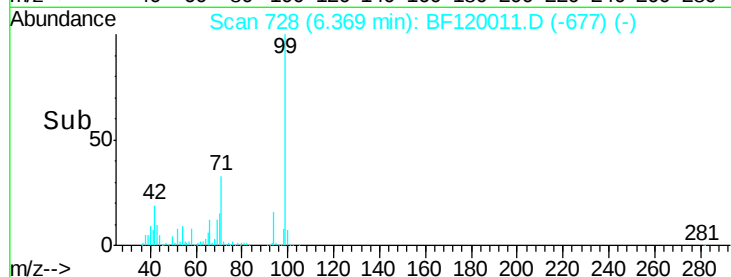
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.9	25.3
71	32.6	26.3	39.5



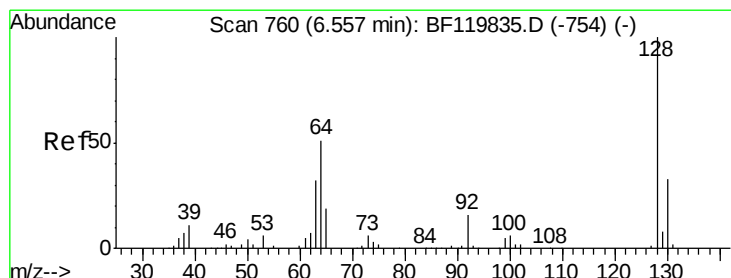
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 59.327 ng

RT: 6.51 min Scan# 752

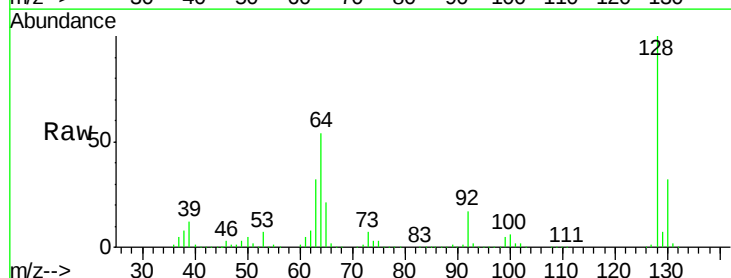
Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Tgt Ion: 128 Resp: 672021

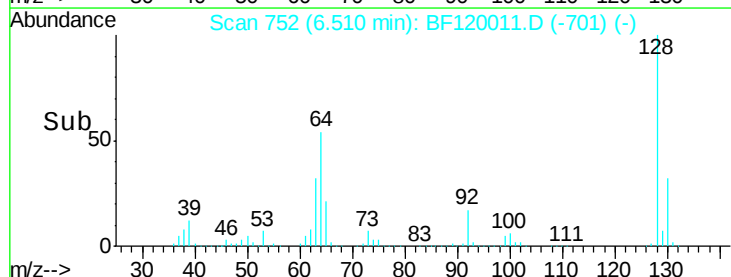
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	53.6	32.0	72.0



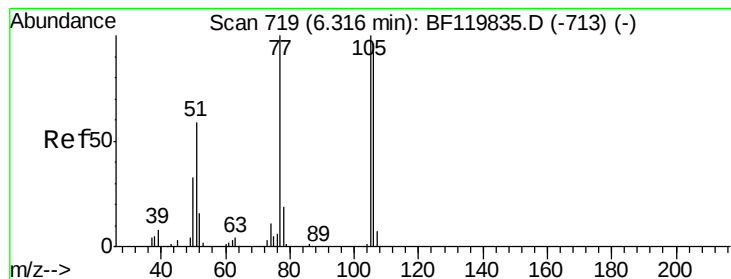
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



Time-->



#9

Benzaldehyde

Concen: 45.977 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

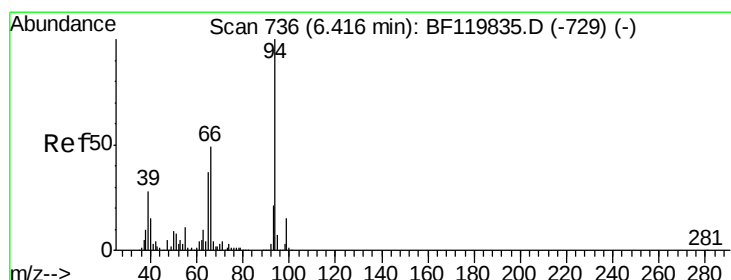
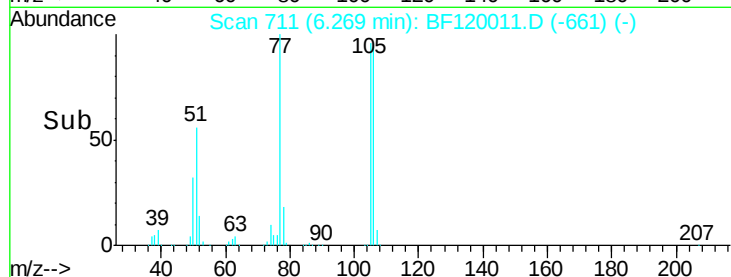
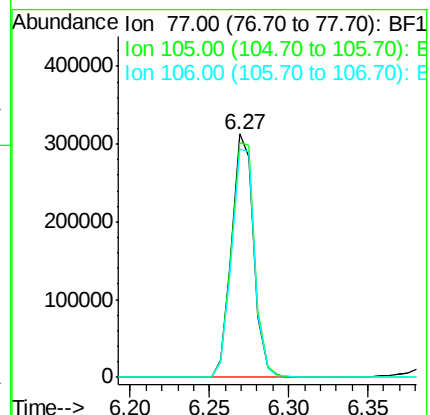
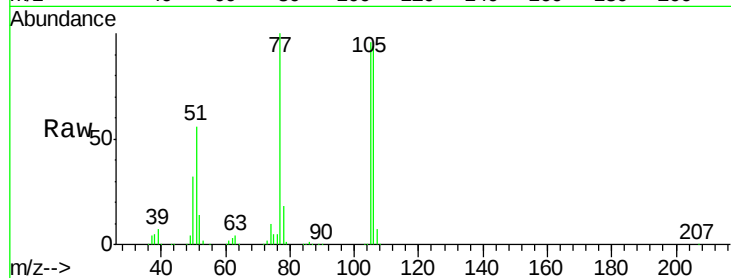
Tot Ion: 77 Resp: 302298

Ion Ratio Lower Upper

77 100

105 96.1 79.9 119.9

106 93.8 76.4 116.4



#10

Phenol

Concen: 56.324 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

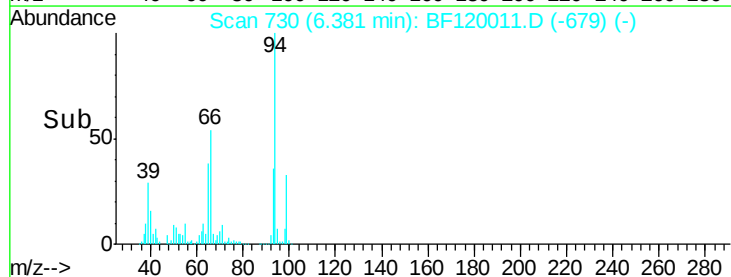
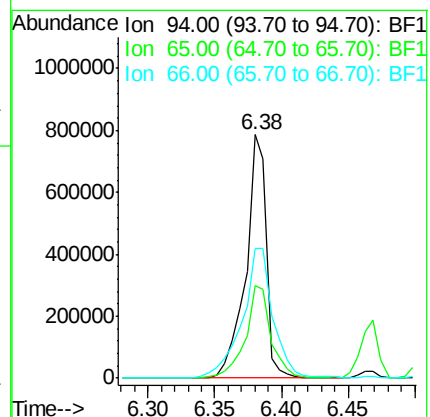
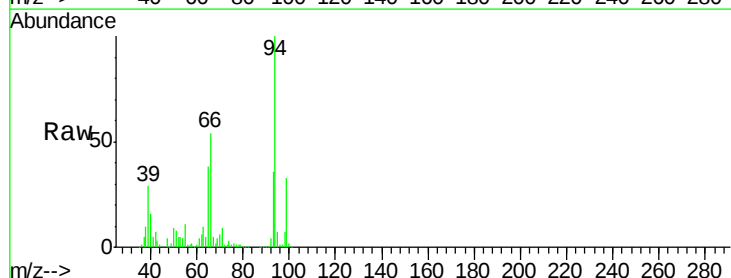
Tgt Ion: 94 Resp: 834731

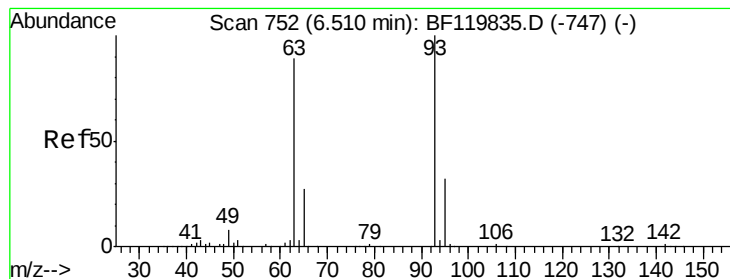
Ion Ratio Lower Upper

94 100

65 38.3 16.6 56.6

66 53.5 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 55.714 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

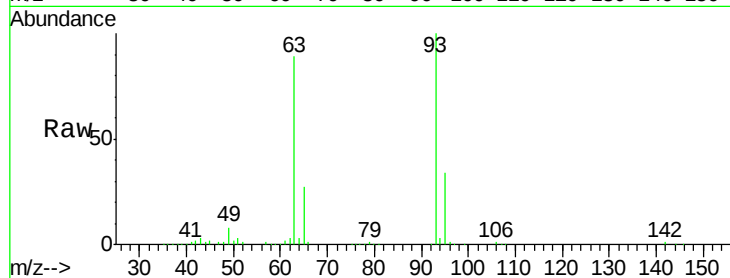
Tot Ion: 93 Resp: 637531

Ion Ratio Lower Upper

93 100

63 88.9 69.1 109.1

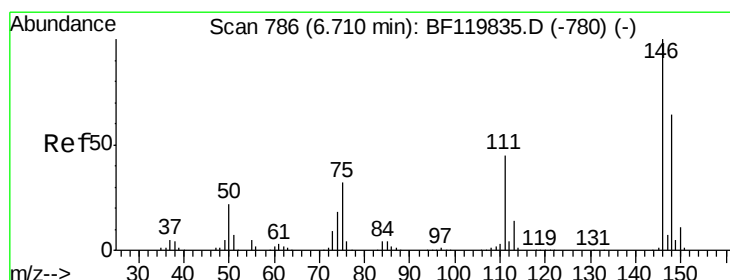
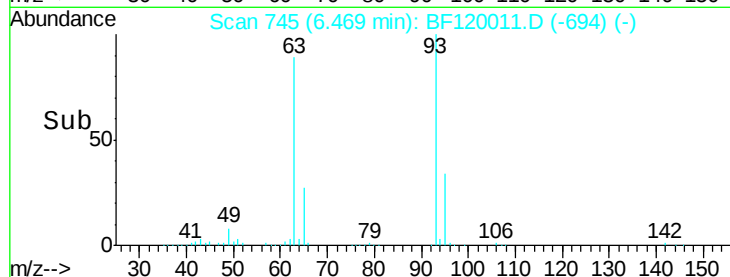
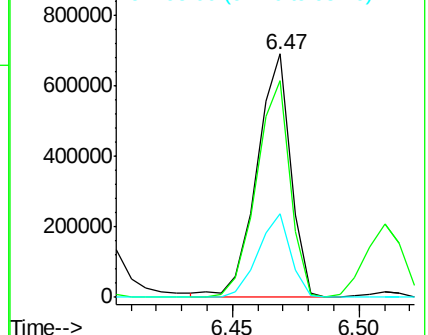
95 34.2 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 53.566 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

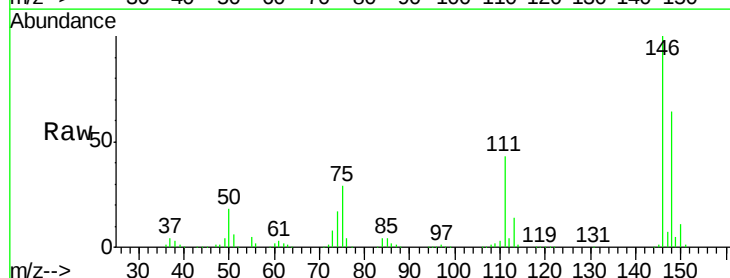
Tgt Ion: 146 Resp: 664287

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

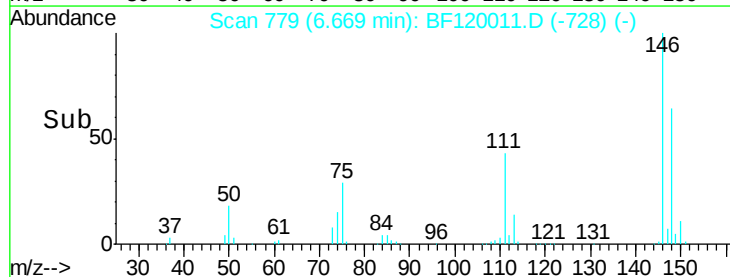
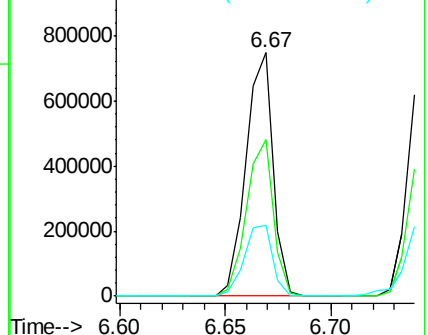
75 29.2 25.3 37.9

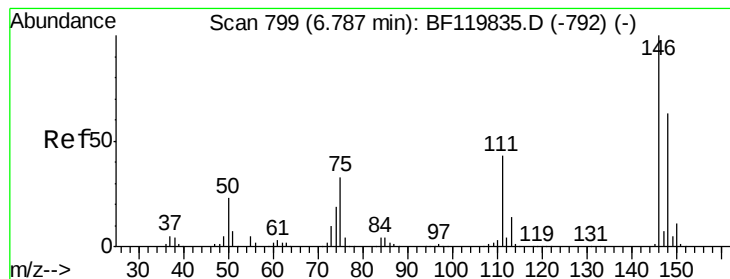


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 53.244 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

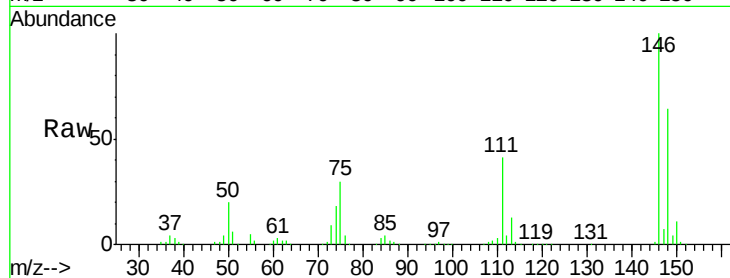
Tot Ion:146 Resp: 672612

Ion Ratio Lower Upper

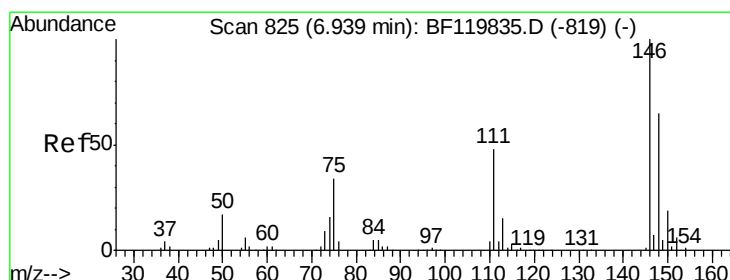
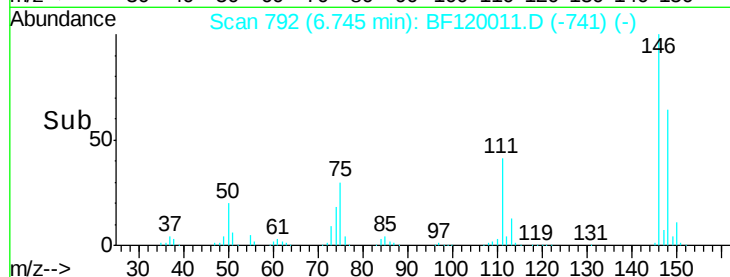
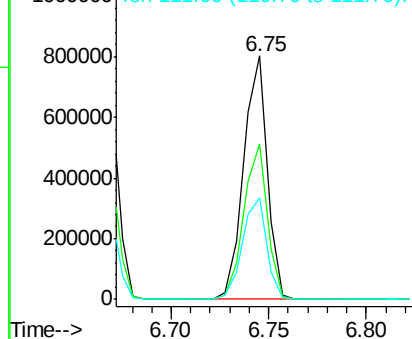
146 100

148 63.6 50.5 75.7

111 41.5 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.790 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

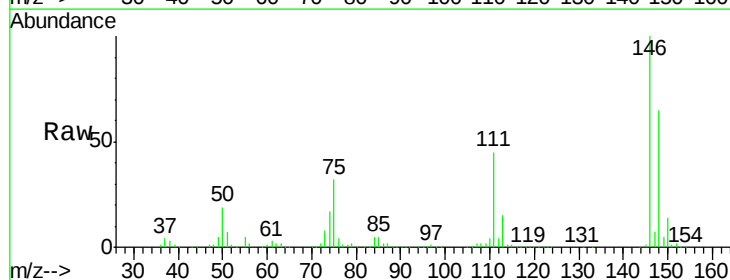
Tgt Ion:146 Resp: 626236

Ion Ratio Lower Upper

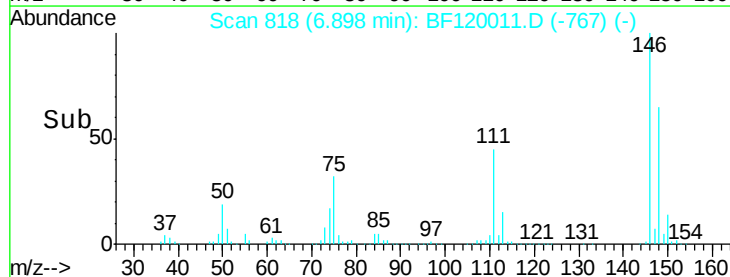
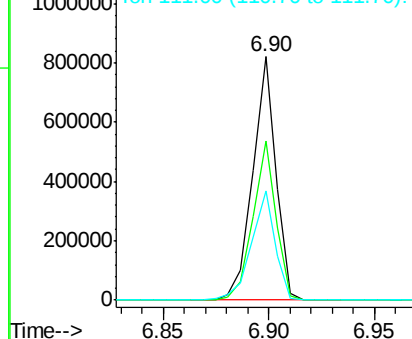
146 100

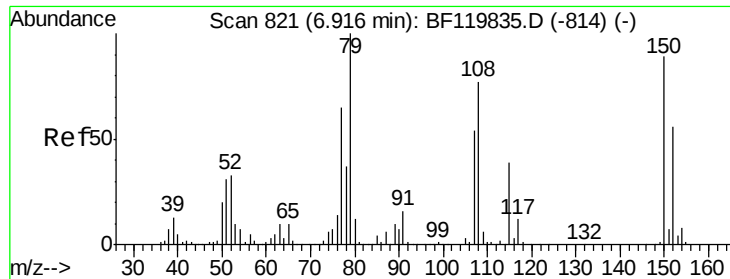
148 65.2 51.8 77.8

111 45.0 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

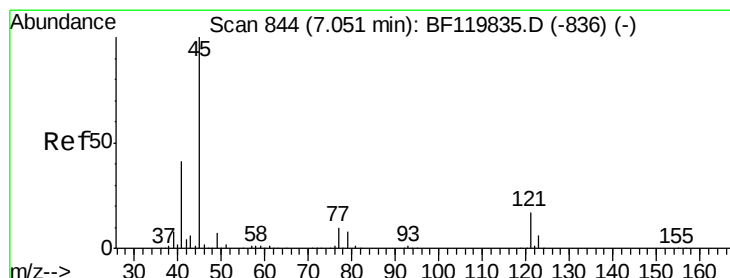
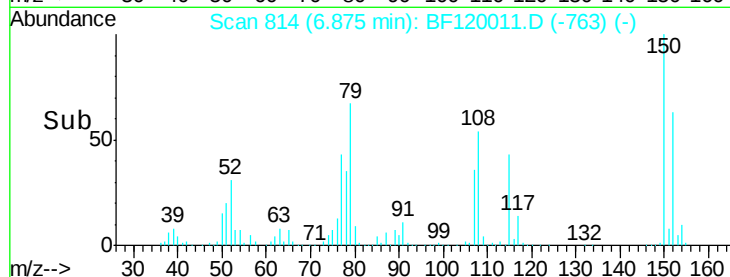
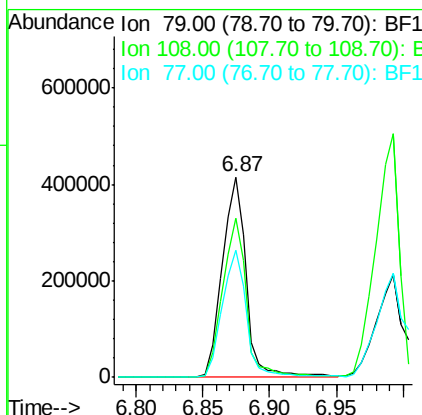
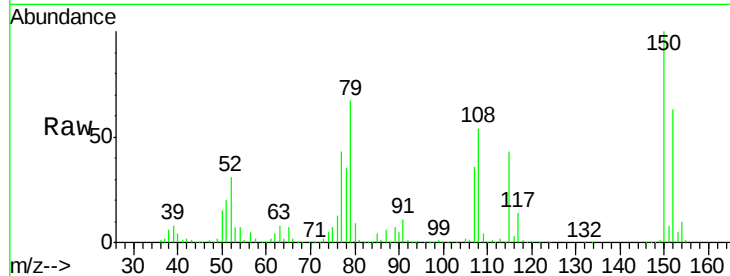




#15
Benzyl Alcohol
Concen: 52.104 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

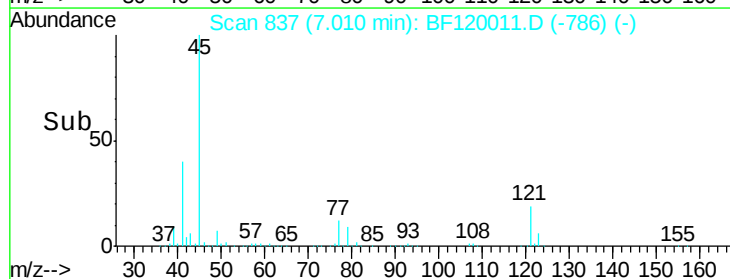
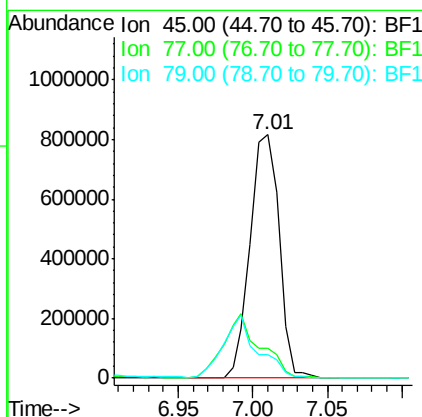
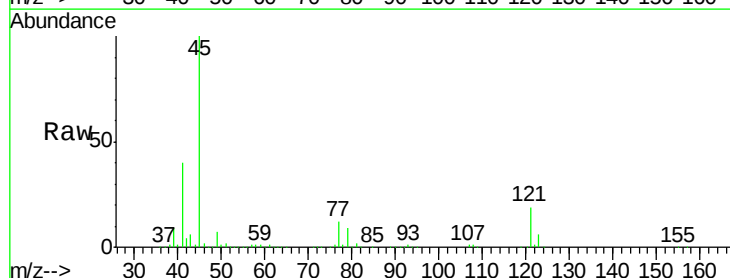
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMS

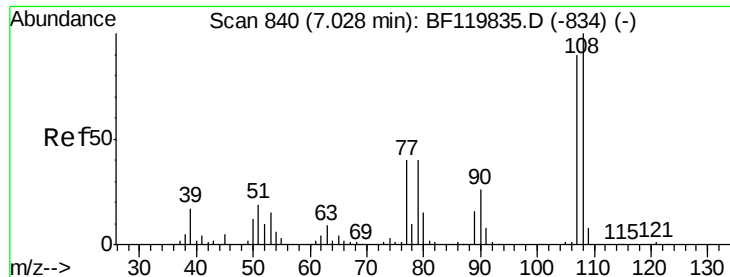
Tot Ion: 79 Resp: 528665
Ion Ratio Lower Upper
79 100
108 79.5 62.0 93.0
77 63.8 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.290 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion: 45 Resp: 1097564
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.7
79 9.5 0.0 28.6

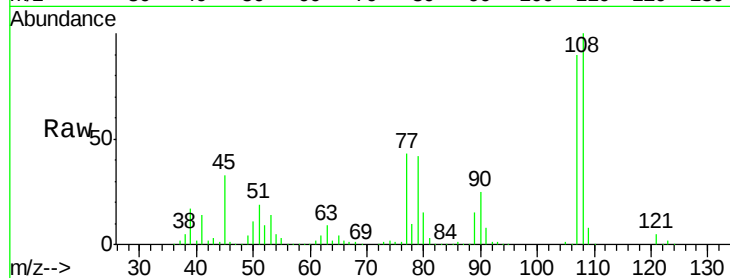




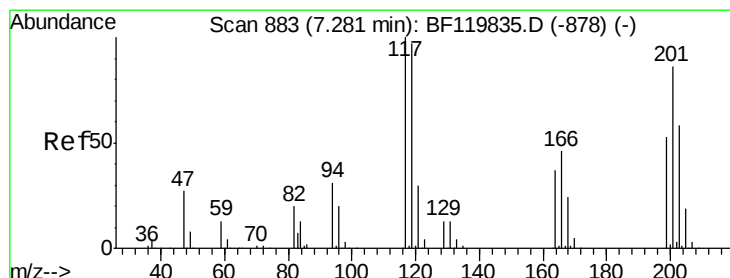
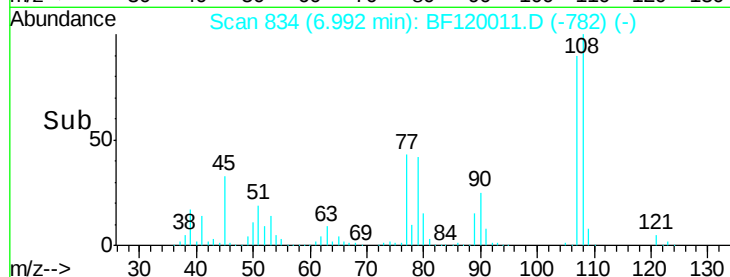
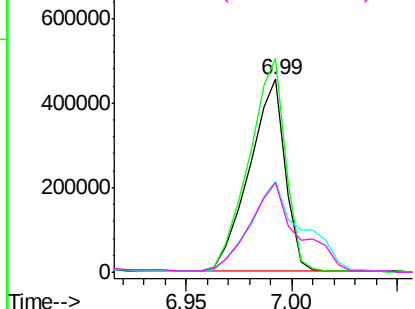
#17
2-Methylphenol
Concen: 53.160 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

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

Tot Ion:	107	Resp:	537392
Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.8	133.2
77	47.3	36.0	54.0
79	46.7	35.7	53.5

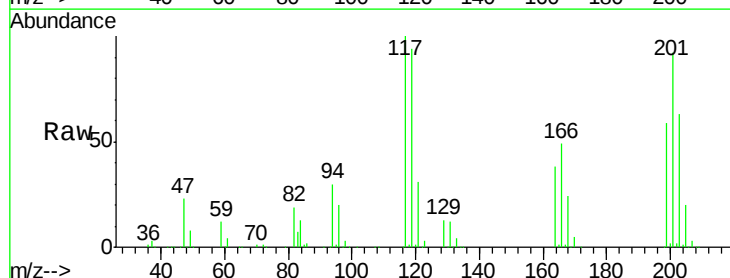


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

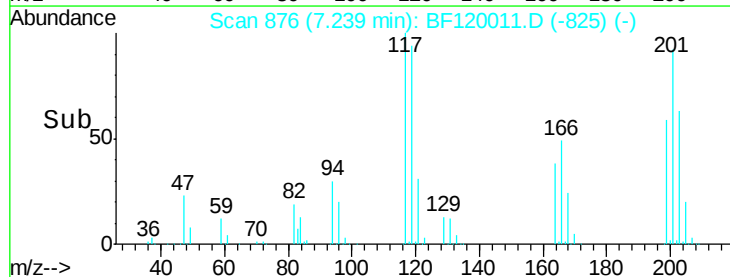
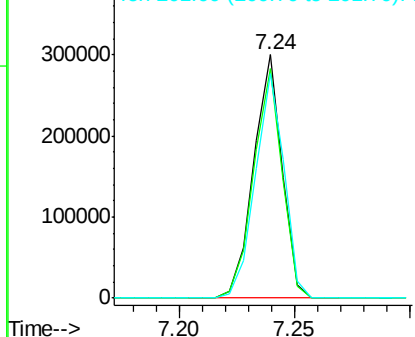


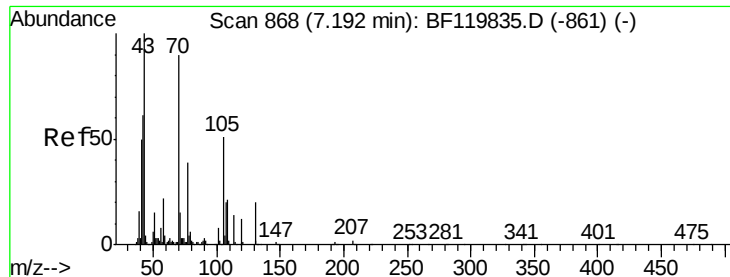
#18
Hexachloroethane
Concen: 54.635 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion:	117	Resp:	257941
Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.4	116.0
201	92.2	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

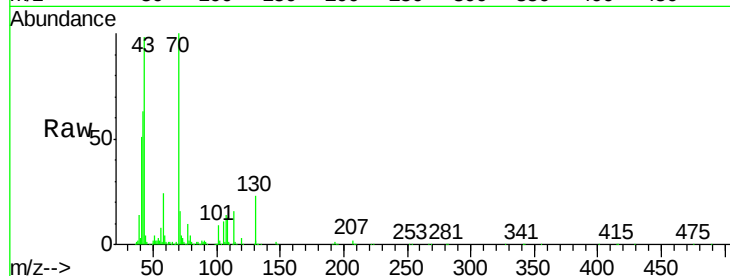




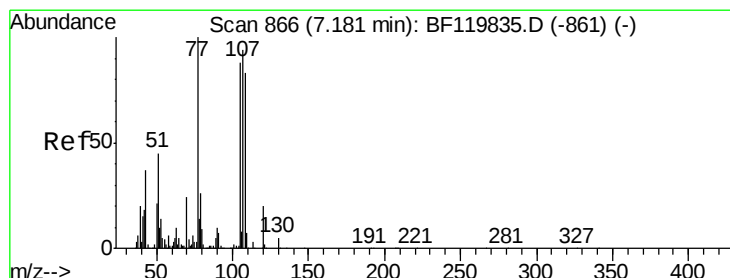
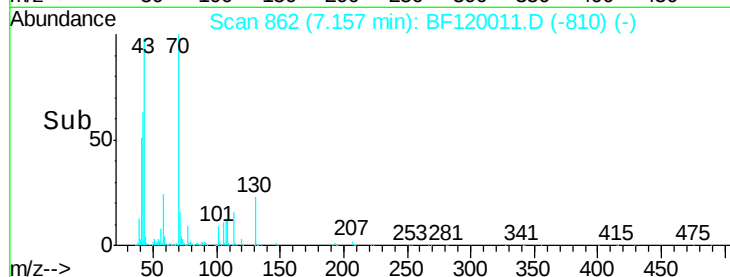
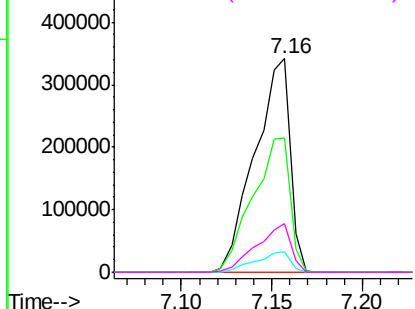
#19
n-Nitroso-di-n-propylamine
Concen: 55.137 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

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

Tot Ion: 70 Resp: 463169
Ion Ratio Lower Upper
70 100
42 62.8 54.2 81.4
101 9.5 7.4 11.2
130 23.0 17.8 26.6

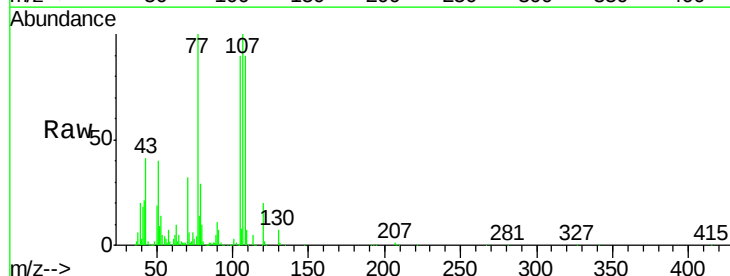


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

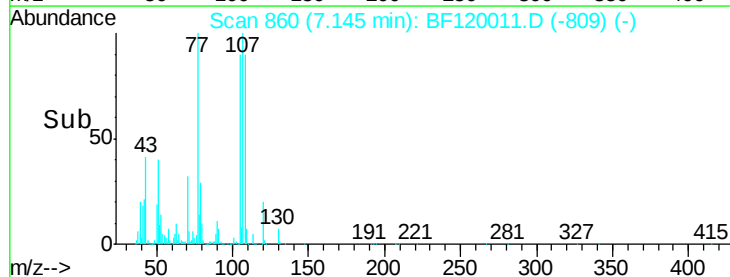
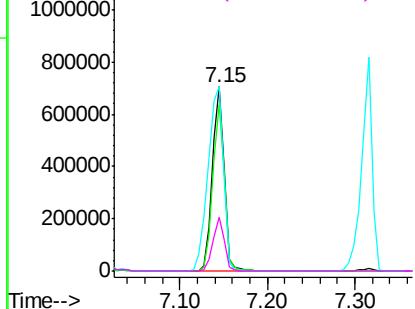


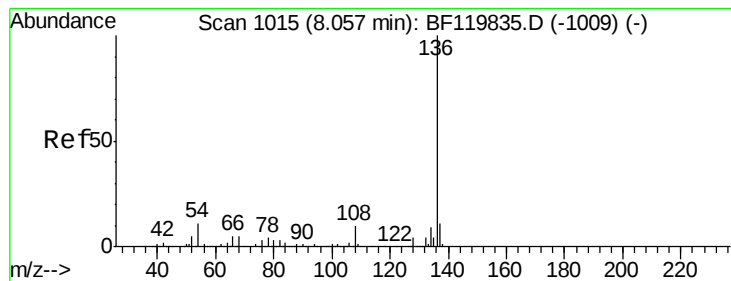
#20
3+4-Methylphenols
Concen: 53.353 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion:107 Resp: 659628
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 100.4 86.6 126.6
79 29.1 7.7 47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

Tot Ion:136 Resp: 678204

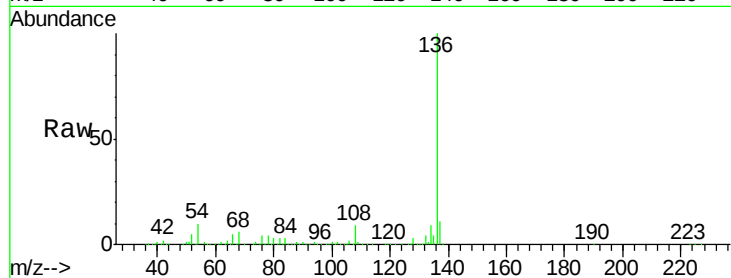
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.4 8.5 12.7

68 5.7 3.9 5.9

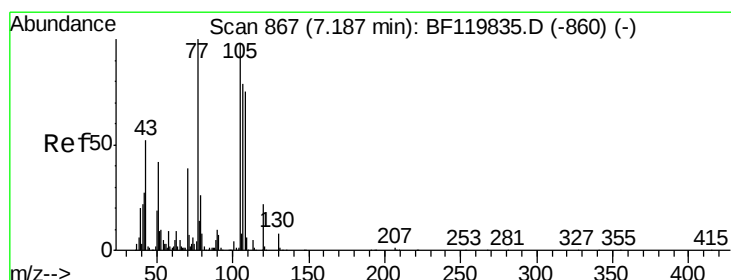
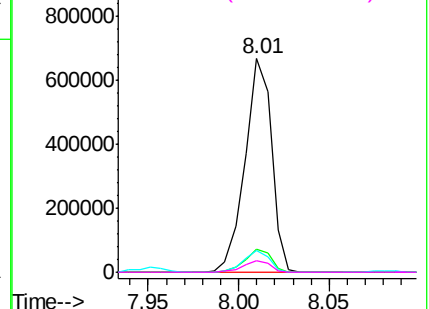
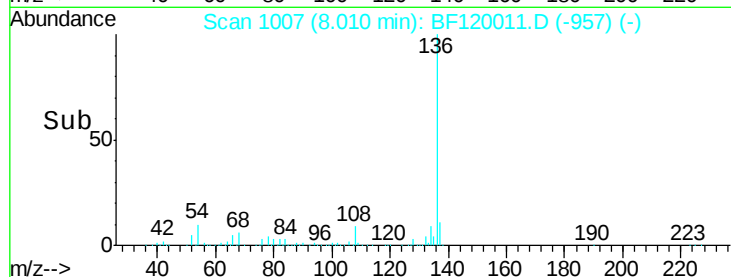


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.541 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Tgt Ion:105 Resp: 882064

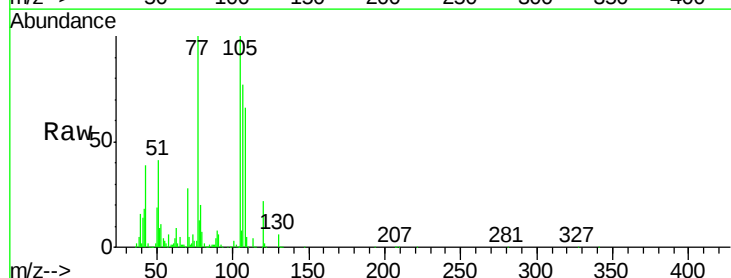
Ion Ratio Lower Upper

105 100

71 5.0 5.6 8.4#

51 41.1 33.9 50.9

120 21.9 17.8 26.8

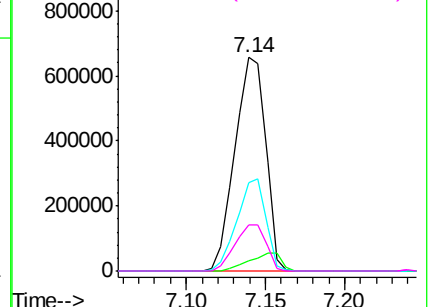
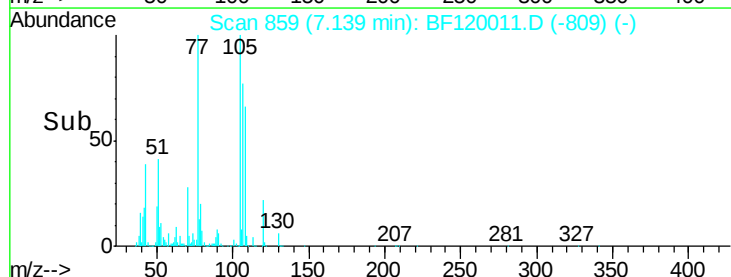


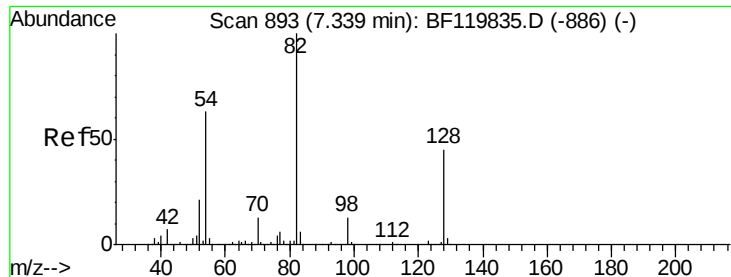
Abundance Ion 105.00 (104.70 to 105.70): E

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

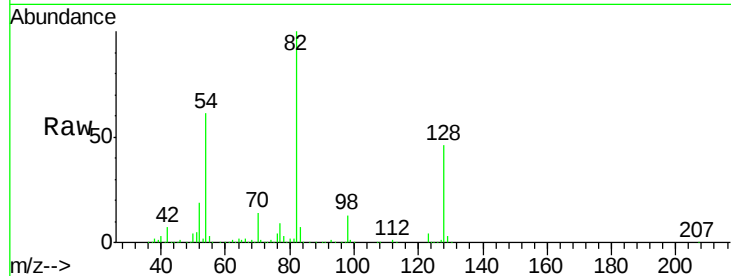




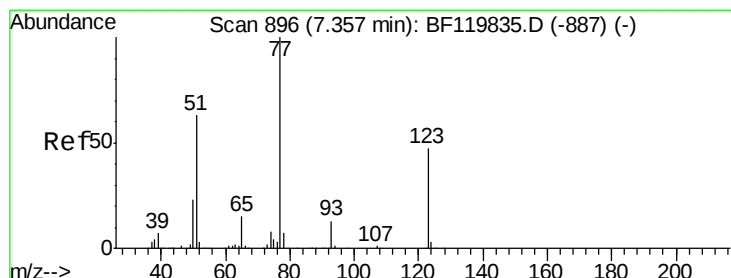
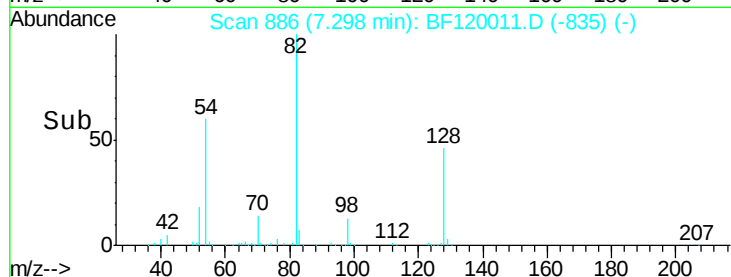
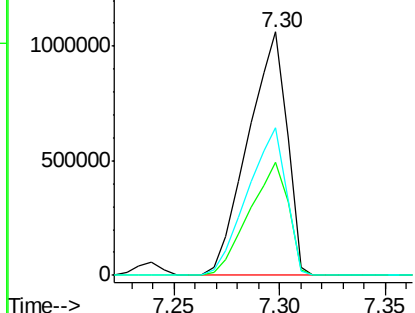
#23
Nitrobenzene-d5
Concen: 104.087 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

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

Tot Ion: 82 Resp: 1364531
Ion Ratio Lower Upper
82 100
128 46.4 36.2 54.4
54 60.8 50.4 75.6

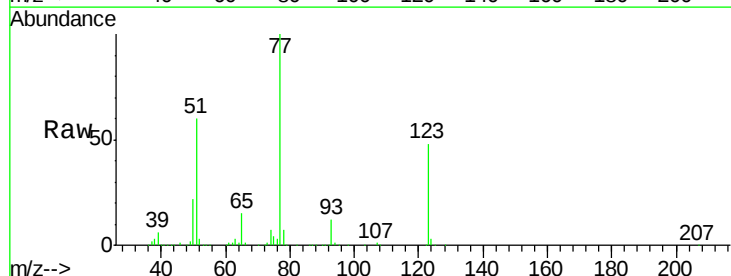


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

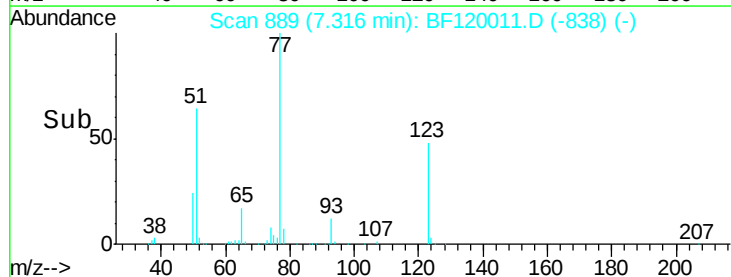
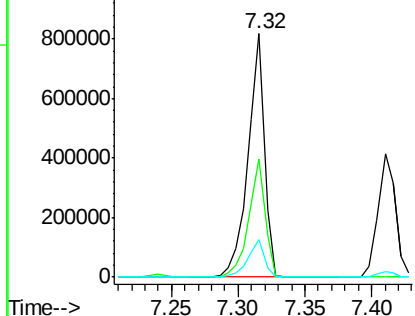


#24
Nitrobenzene
Concen: 52.115 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion: 77 Resp: 687283
Ion Ratio Lower Upper
77 100
123 48.3 37.8 56.8
65 15.4 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: 51.721 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

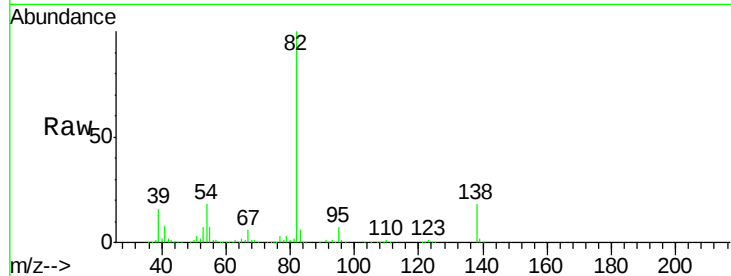
Tot Ion: 82 Resp: 1307065

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

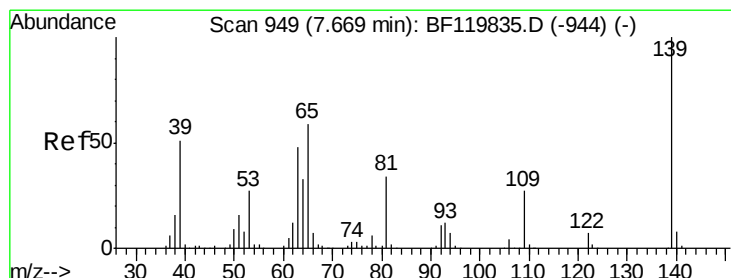
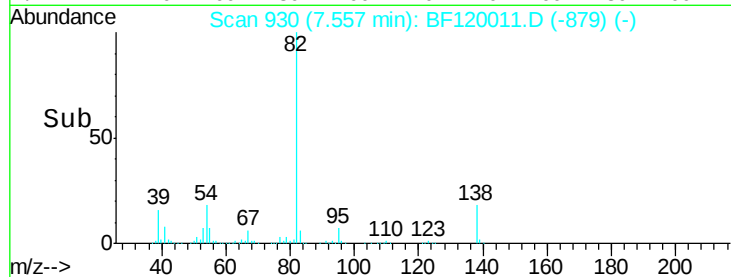
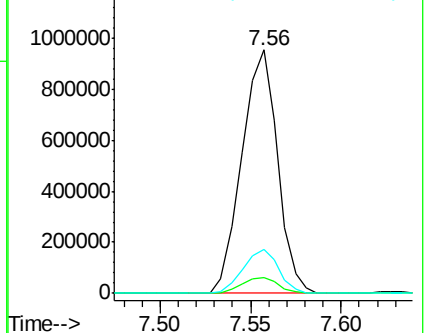
138 18.2 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.073 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

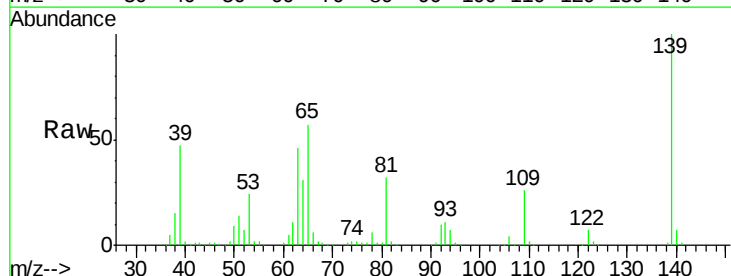
Tgt Ion: 139 Resp: 369445

Ion Ratio Lower Upper

139 100

109 26.0 21.8 32.6

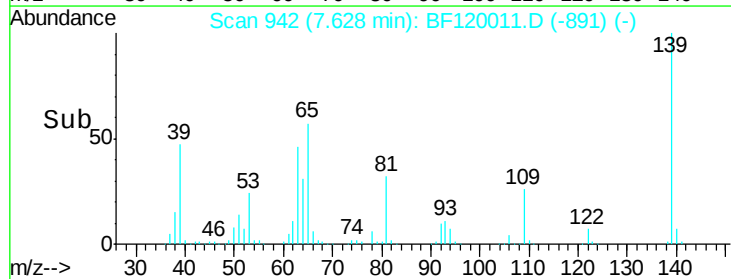
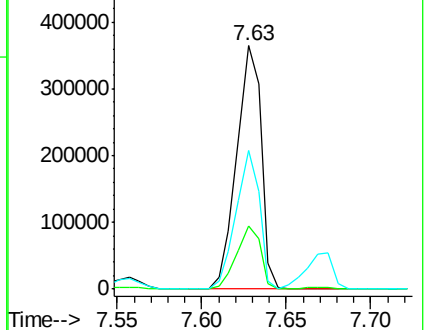
65 56.8 47.0 70.4

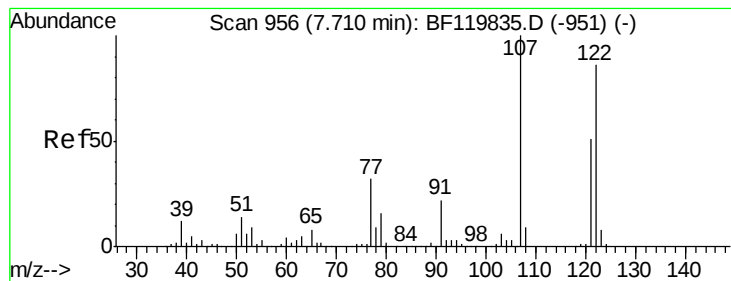


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

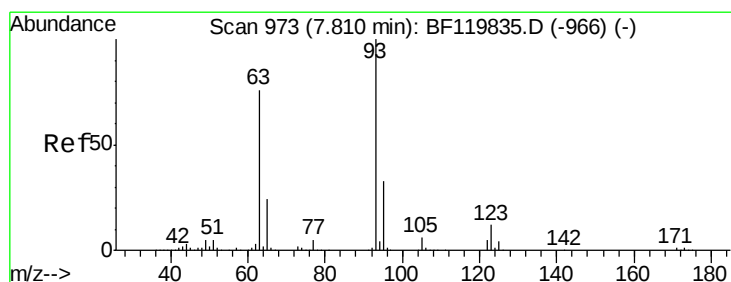
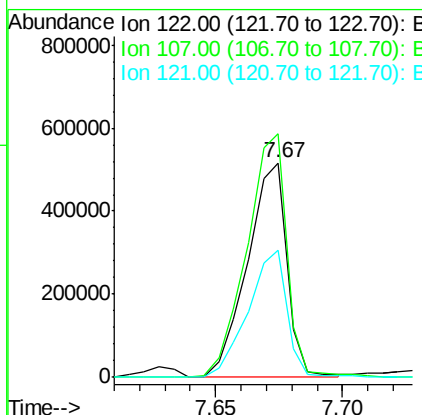
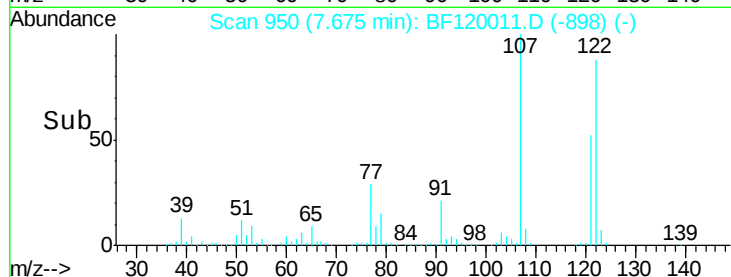
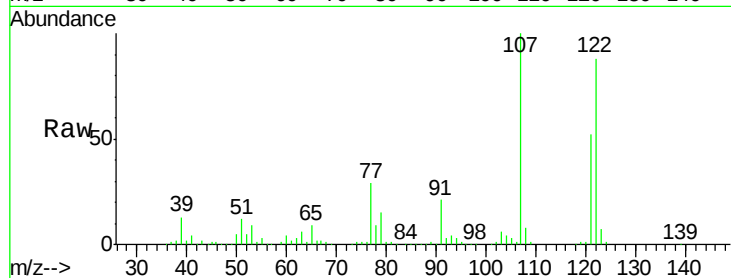




#27
 2,4-Dimethylphenol
 Concen: 56.687 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

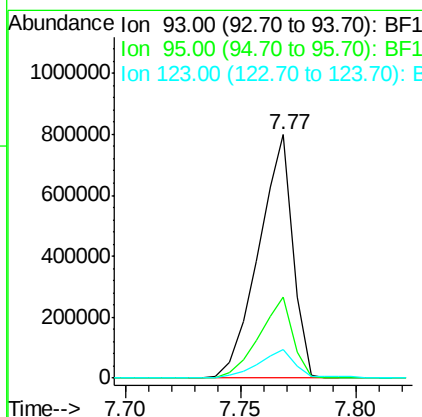
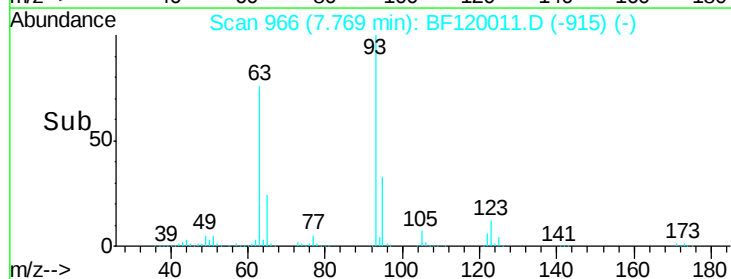
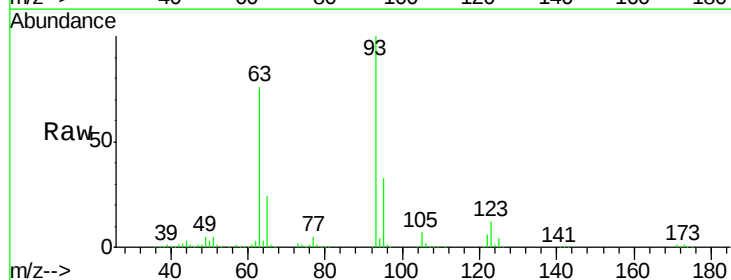
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

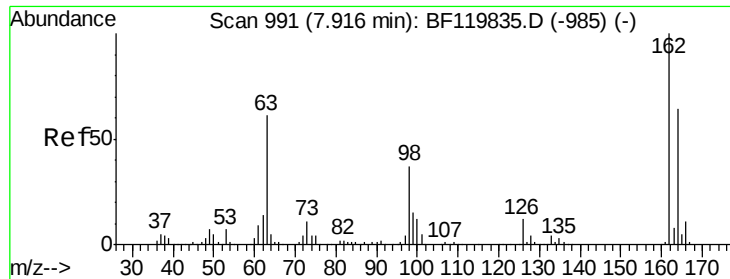
Tot Ion:122 Resp: 563292
 Ion Ratio Lower Upper
 122 100
 107 113.6 92.3 138.5
 121 59.5 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.286 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion: 93 Resp: 822144
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.4 39.6
 123 11.9 9.7 14.5

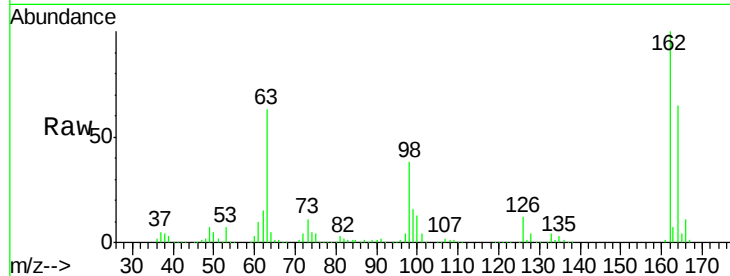




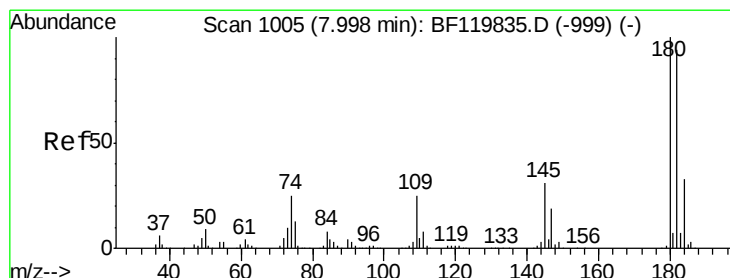
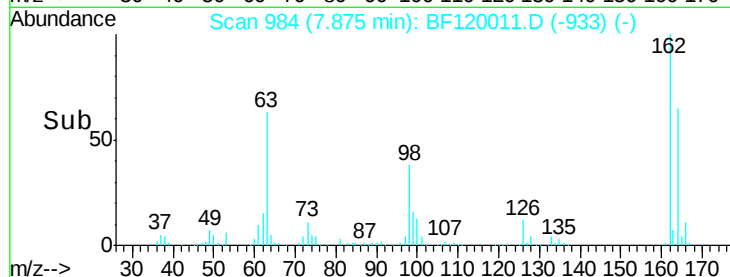
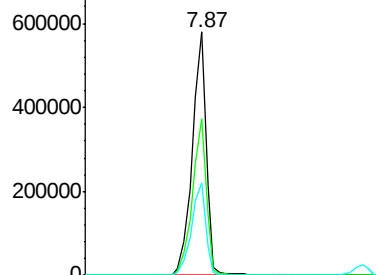
#29
 2,4-Dichlorophenol
 Concen: 54.345 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	38.2	17.3	57.3

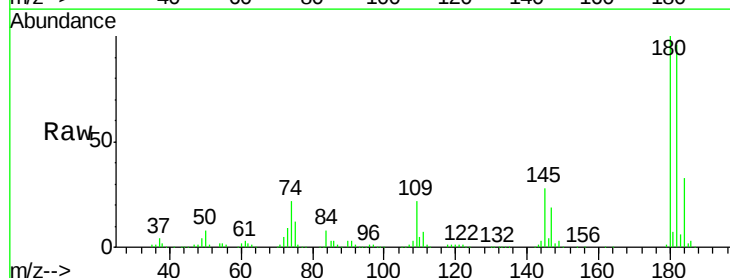


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

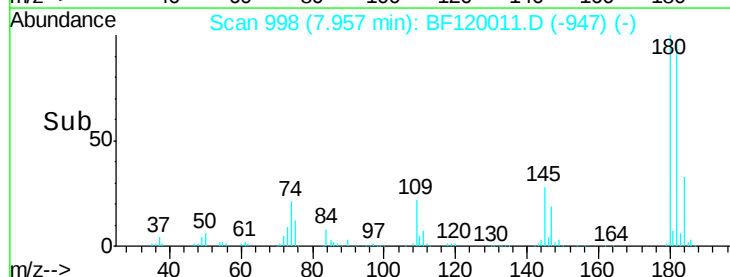
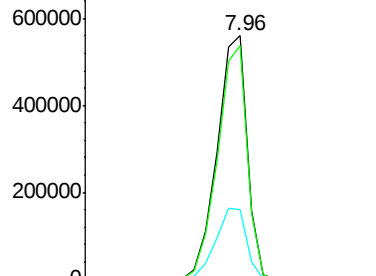


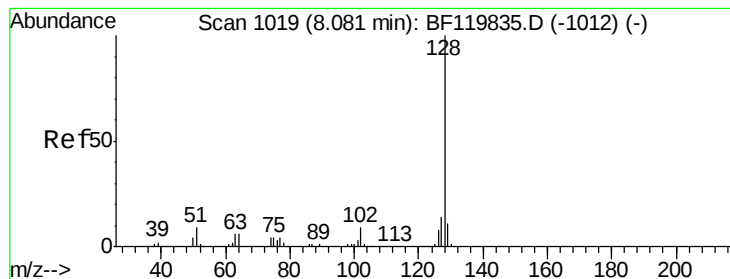
#30
 1,2,4-Trichlorobenzene
 Concen: 51.740 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	28.4	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: 53.017 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

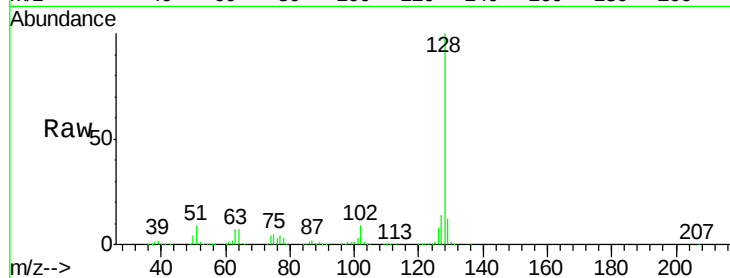
Tot Ion:128 Resp: 1891767

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

127 13.7 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

2500000

2000000

1500000

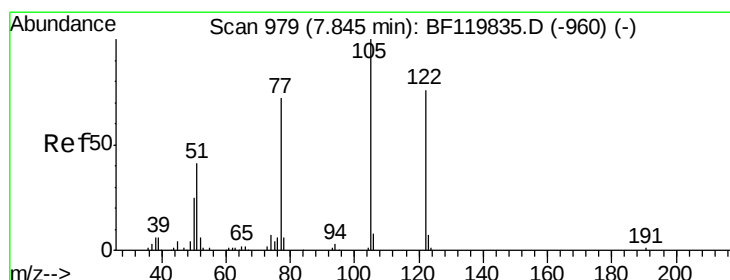
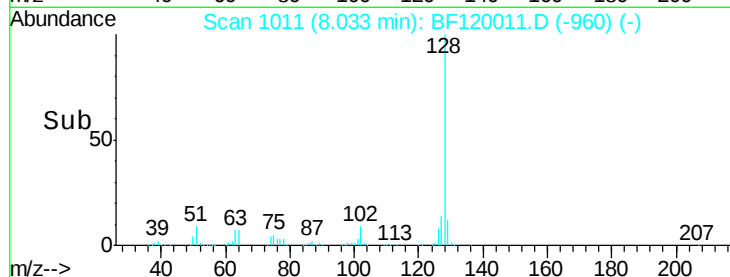
1000000

500000

0

8.03

Time-->



#32

Benzoic acid

Concen: 25.138 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

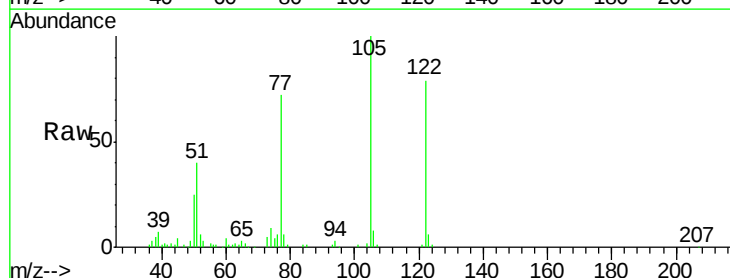
Tgt Ion:122 Resp: 219376

Ion Ratio Lower Upper

122 100

105 127.3 106.7 146.7

77 92.2 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

600000

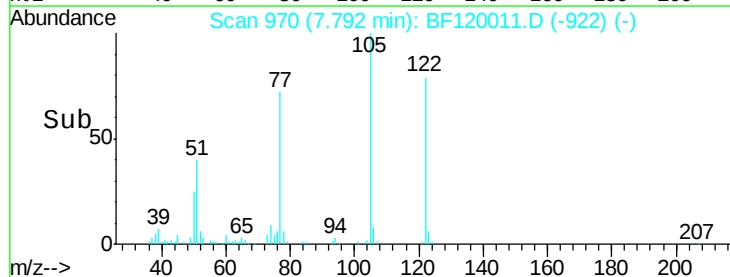
400000

200000

0

7.79

Time-->

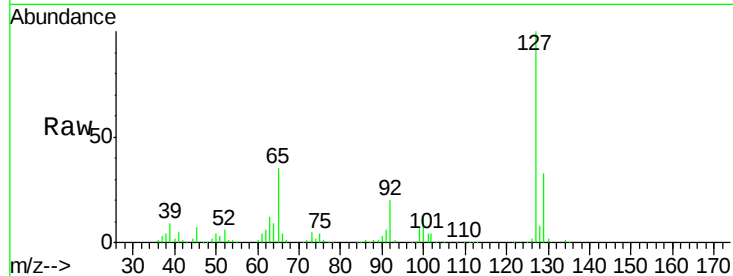




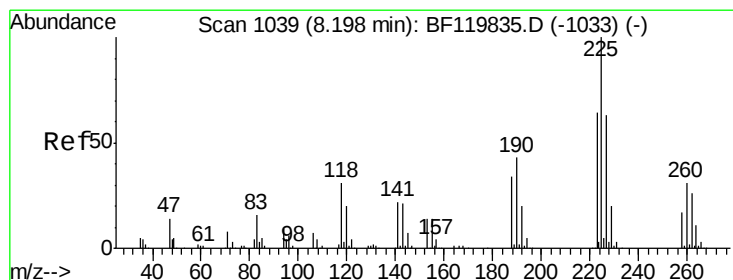
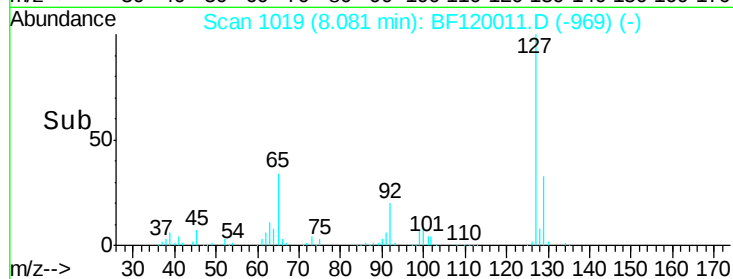
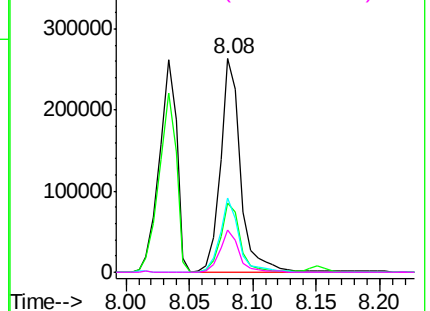
#33
4-Chloroaniline
Concen: 18.875 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

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

Tot Ion:	127	Resp:	293202
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	34.5	28.3	42.5
92	19.9	15.4	23.2

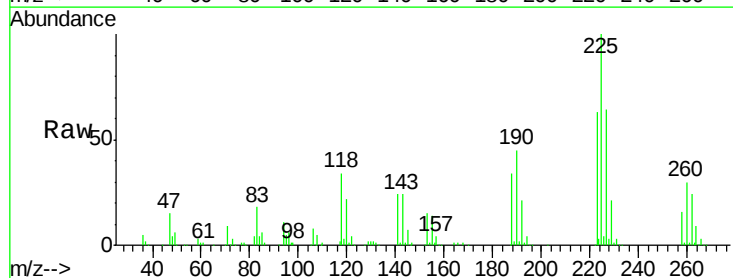


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

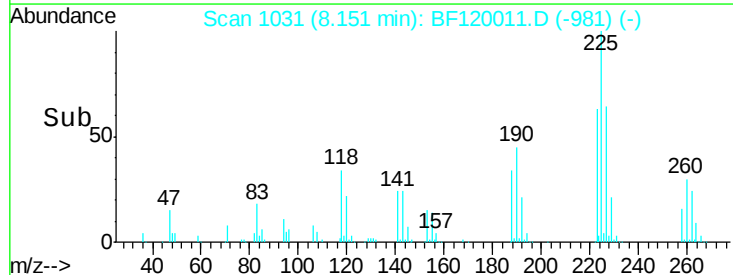
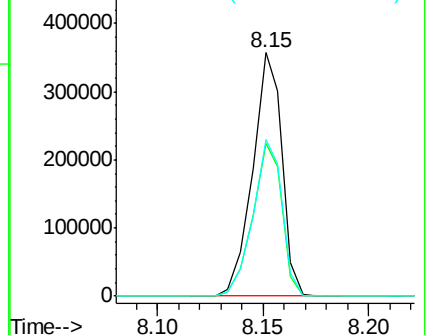


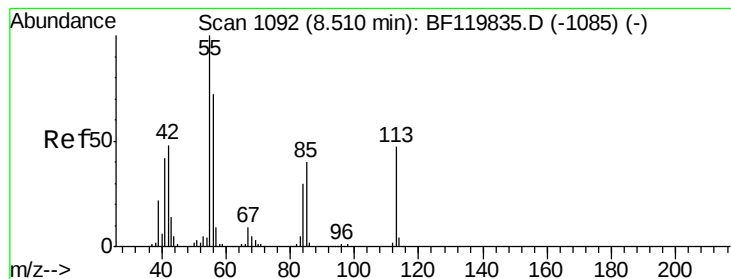
#34
Hexachlorobutadiene
Concen: 49.606 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion:	225	Resp:	342703
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	64.1	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: 31.164 ng

RT: 8.47 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

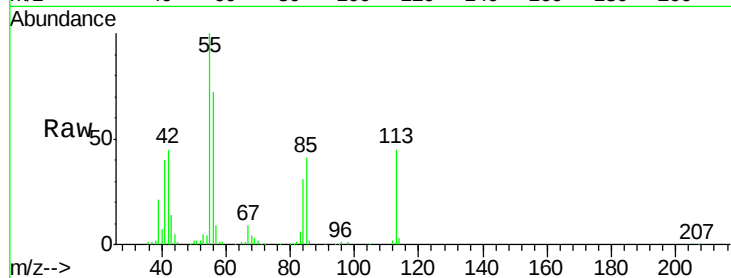
Tot Ion:113 Resp: 97097

Ion Ratio Lower Upper

113 100

55 221.6 192.7 232.7

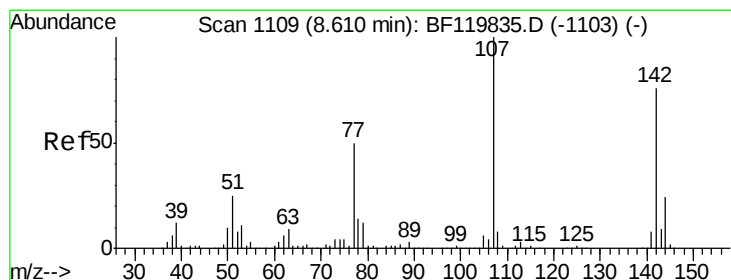
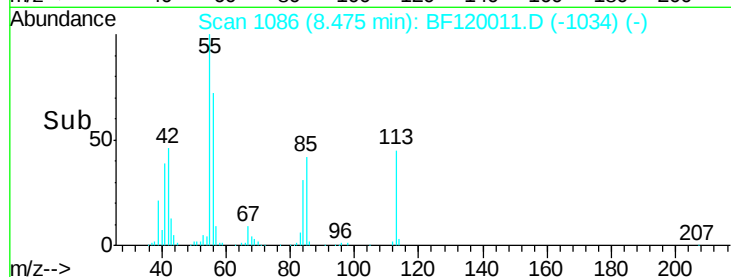
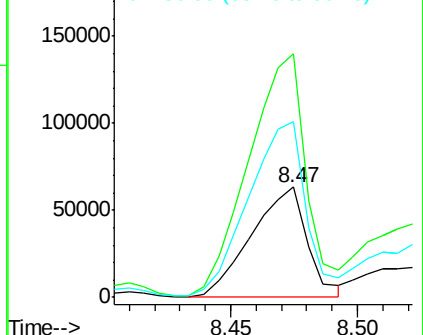
56 160.2 133.3 173.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 54.369 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

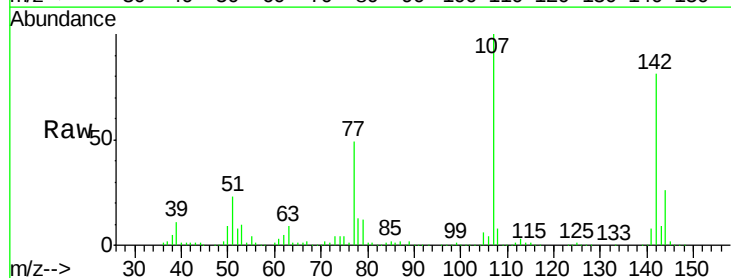
Tgt Ion:107 Resp: 599549

Ion Ratio Lower Upper

107 100

144 25.7 19.5 29.3

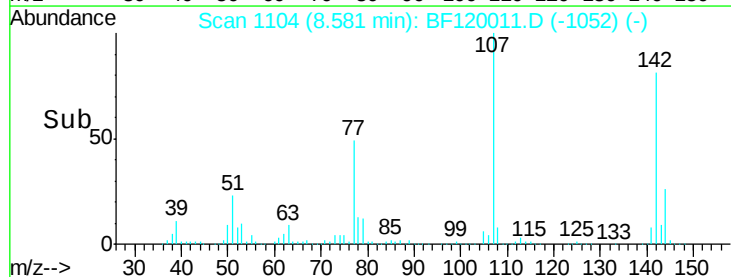
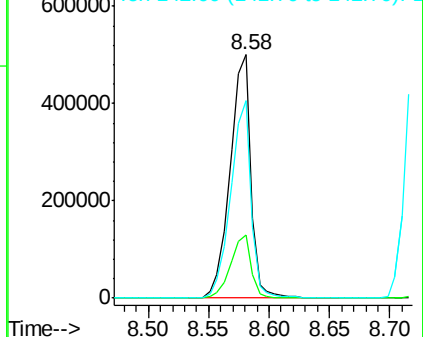
142 81.4 60.5 90.7

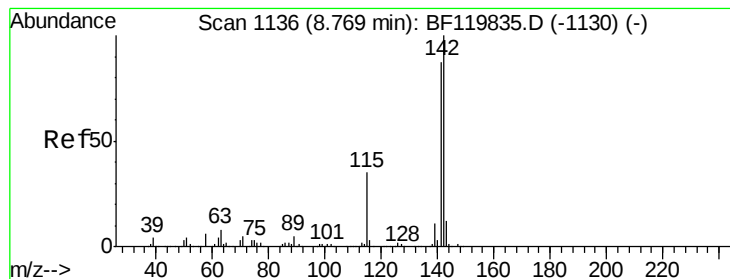


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.668 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

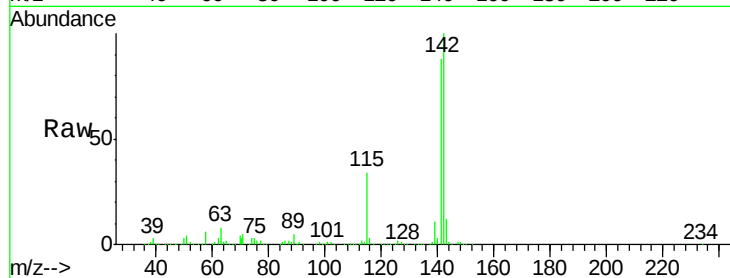
Tot Ion:142 Resp: 1298304

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9

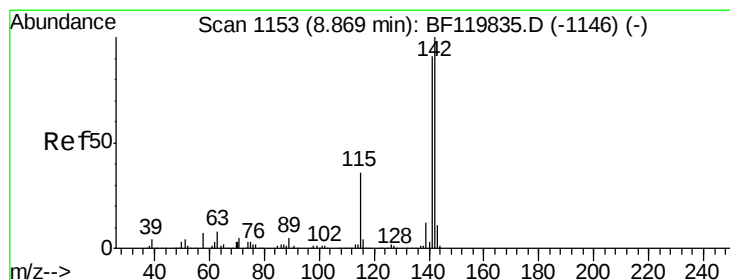
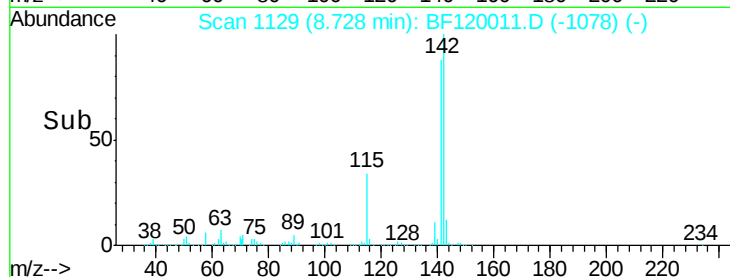
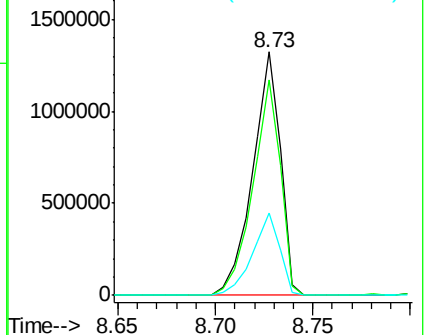
115 33.9 28.0 42.0



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: 53.607 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

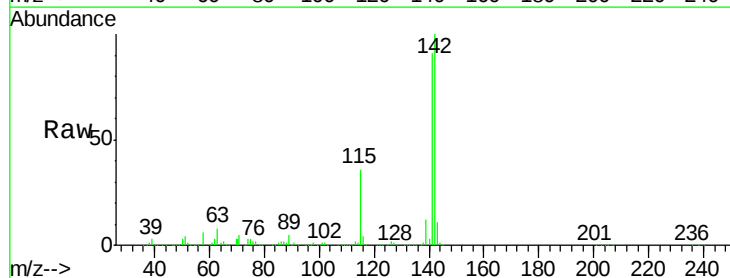
Tgt Ion:142 Resp: 1222332

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3

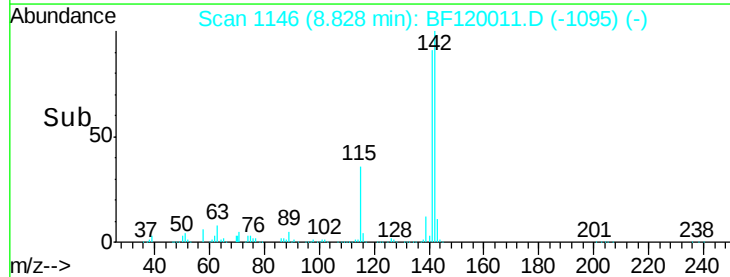
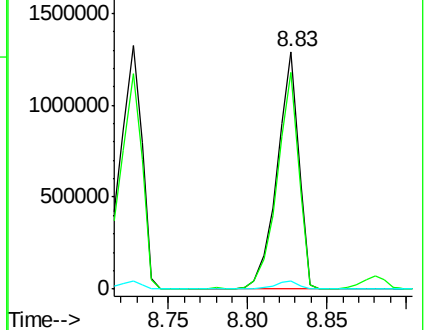
116 3.6 3.0 4.6

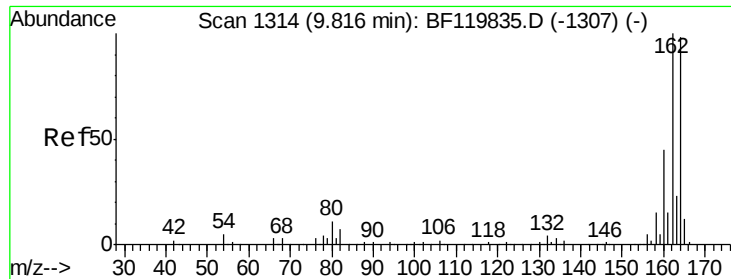


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

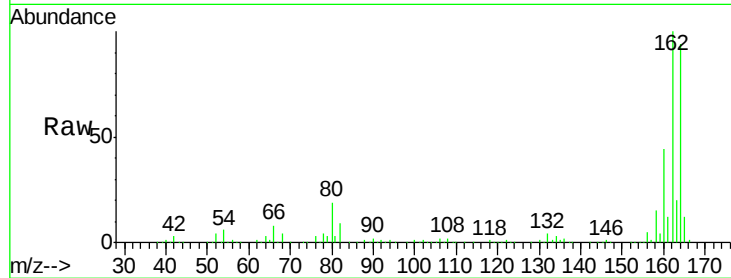
Tot Ion:164 Resp: 352479

Ion Ratio Lower Upper

164 100

162 106.1 81.9 122.9

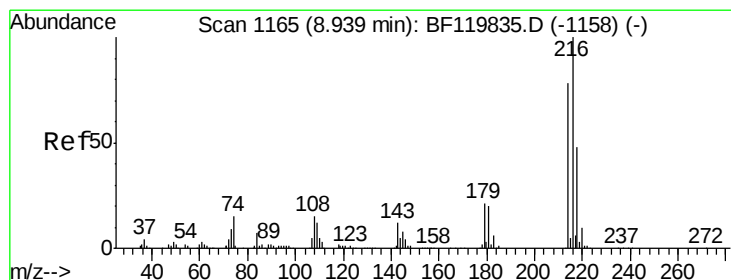
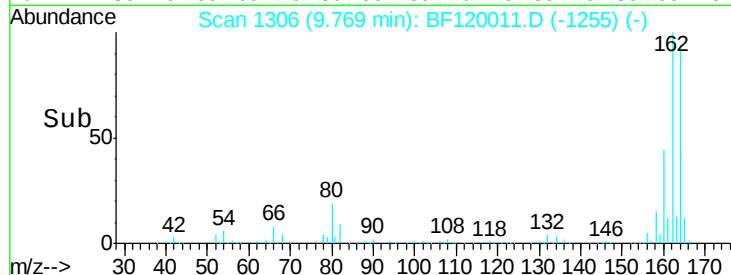
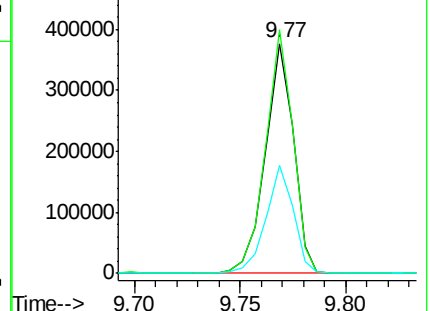
160 47.0 36.6 54.8



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: 51.785 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Tgt Ion:216 Resp: 576511

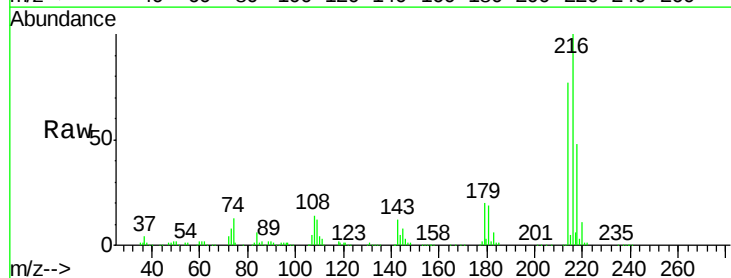
Ion Ratio Lower Upper

216 100

214 78.0 63.1 94.7

179 21.0 17.0 25.4

108 19.3 14.8 22.2

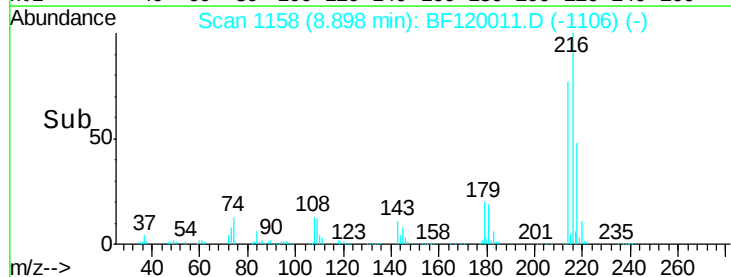
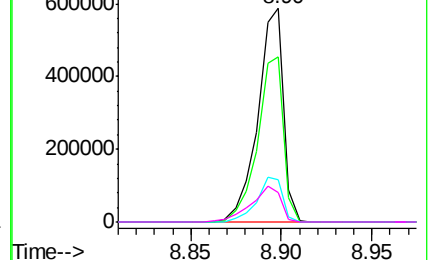


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.594 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

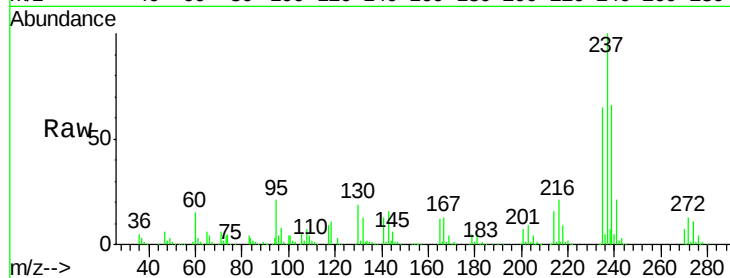
Tot Ion:237 Resp: 586167

Ion Ratio Lower Upper

237 100

235 65.5 44.9 84.9

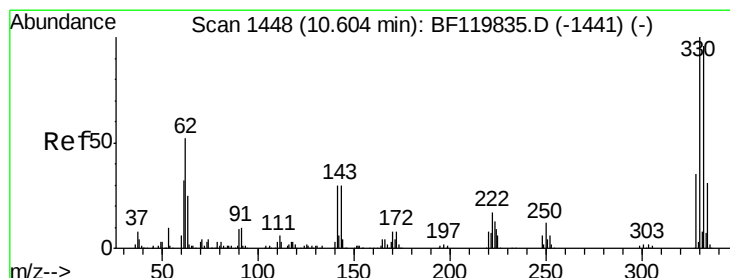
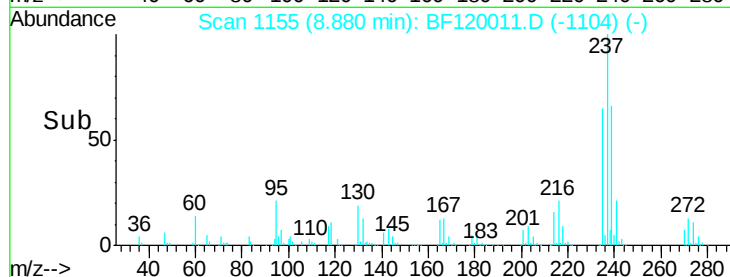
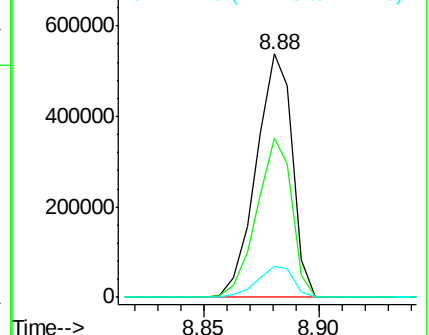
272 13.0 0.0 33.6



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: 134.975 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

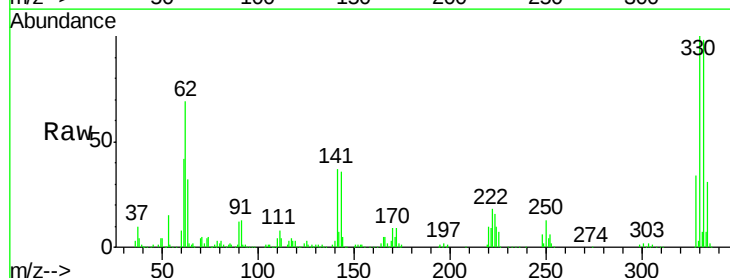
Tgt Ion:330 Resp: 582492

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

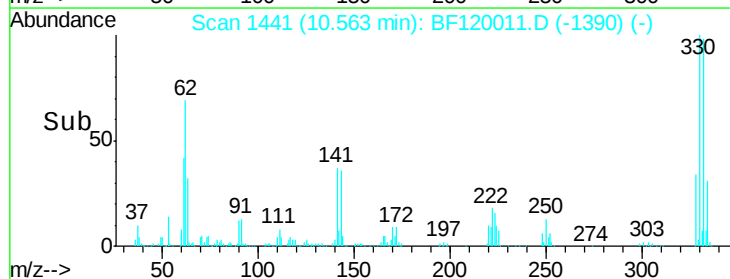
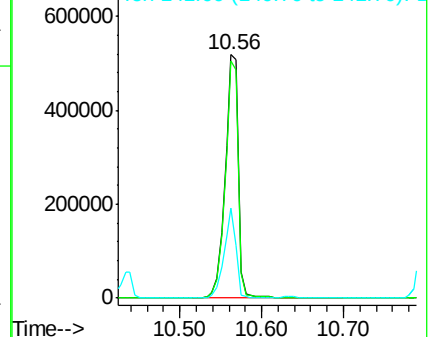
141 33.4 25.1 37.7

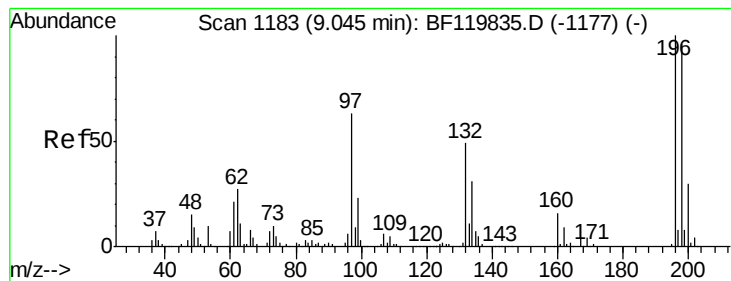


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 53.944 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

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

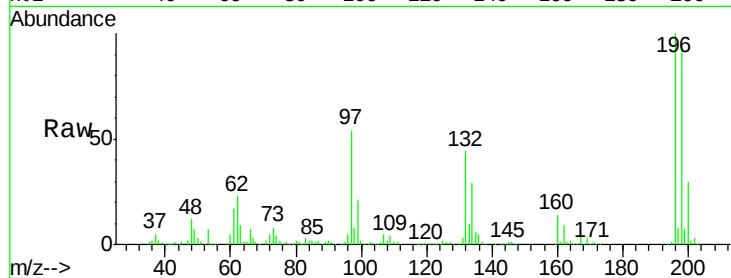
Tot Ion:196 Resp: 414704

Ion Ratio Lower Upper

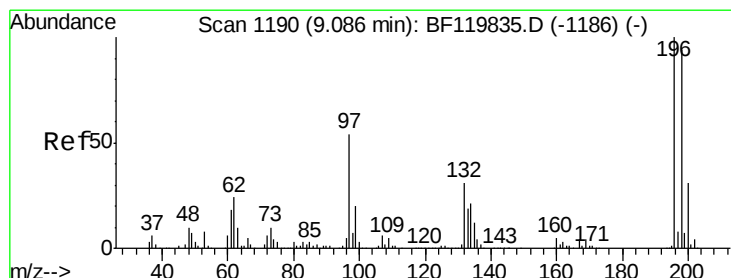
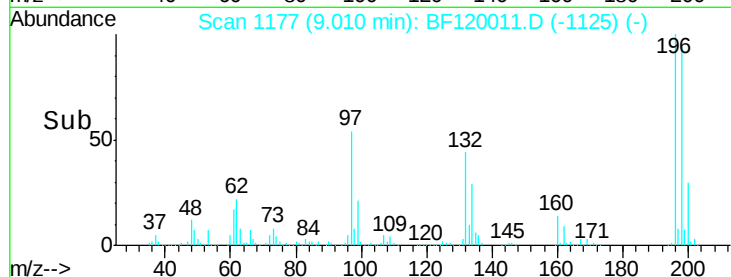
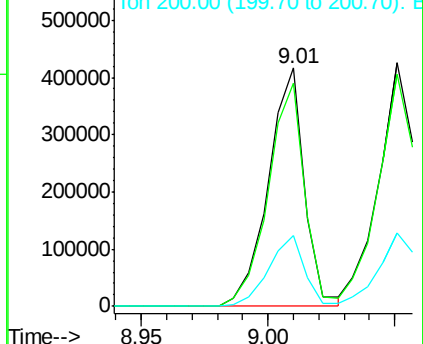
196 100

198 94.1 76.6 115.0

200 29.9 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 49.391 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Tgt Ion:196 Resp: 427660

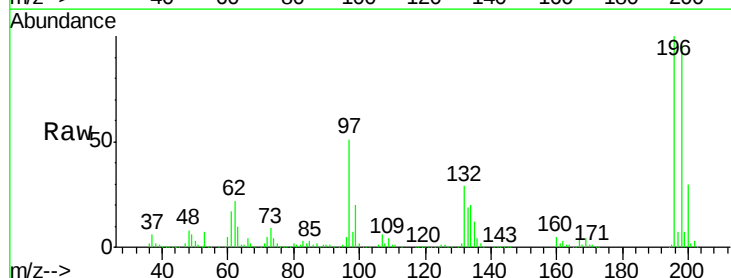
Ion Ratio Lower Upper

196 100

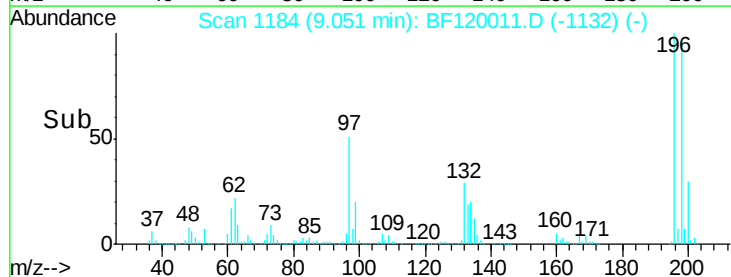
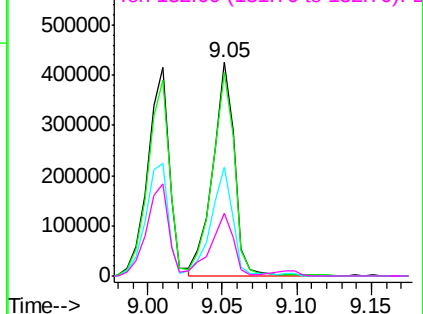
198 95.5 75.1 112.7

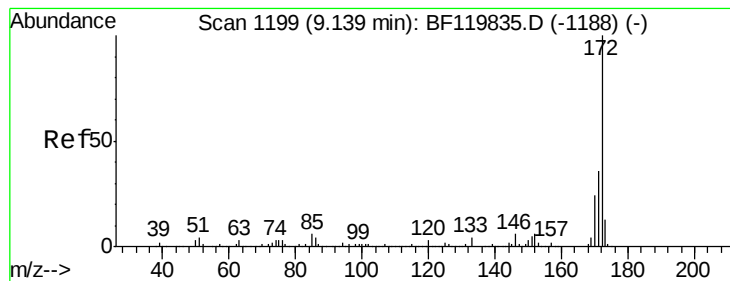
97 51.2 43.4 65.2

132 29.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

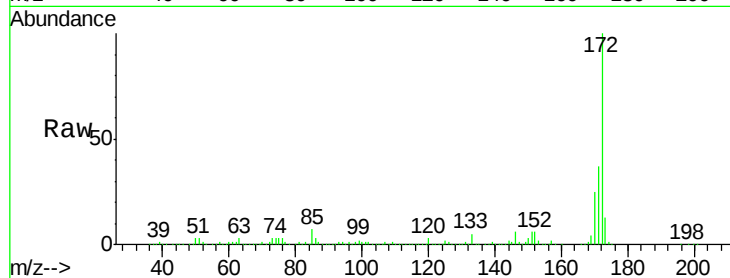




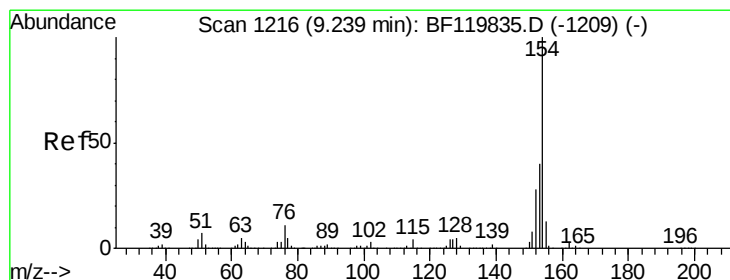
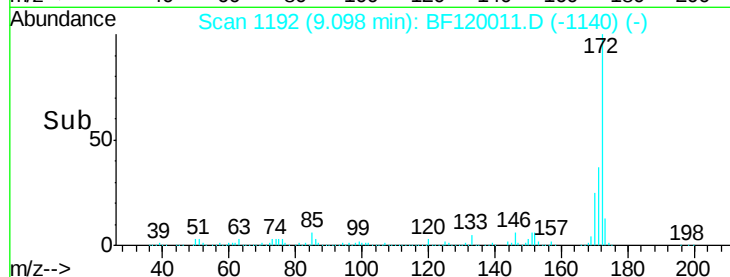
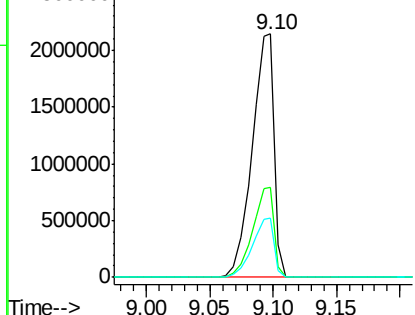
#45
 2-Fluorobiphenyl
 Concen: 104.510 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

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

Tot Ion:172 Resp: 2594599
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.5 19.4 29.2

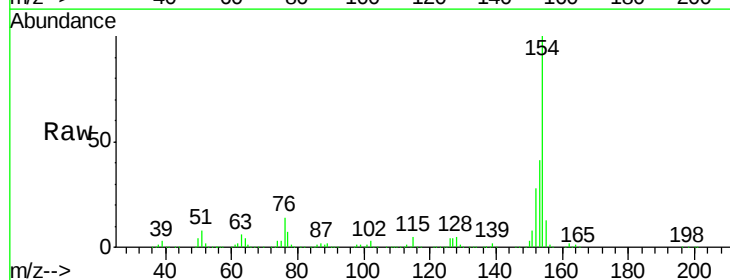


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

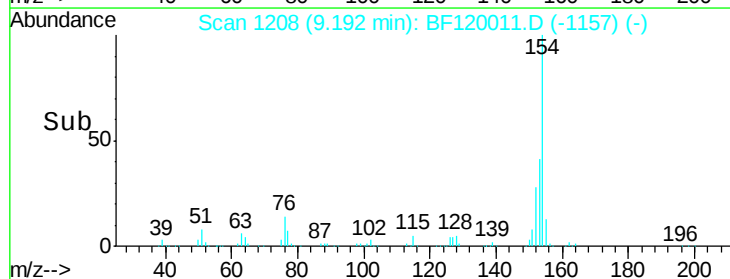
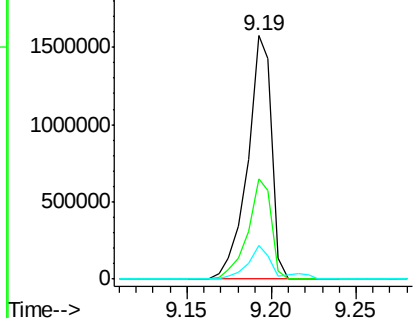


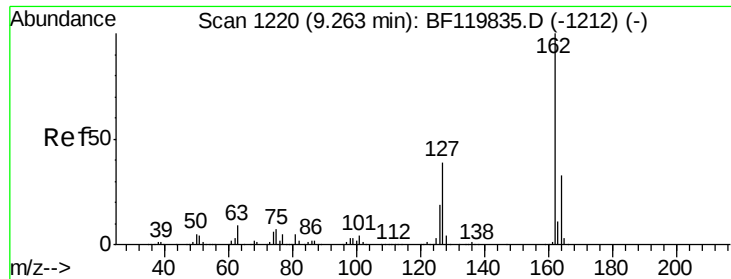
#46
 1,1'-Biphenyl
 Concen: 52.579 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion:154 Resp: 1564295
 Ion Ratio Lower Upper
 154 100
 153 41.1 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

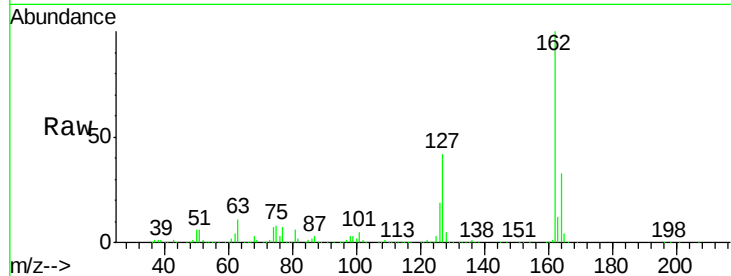




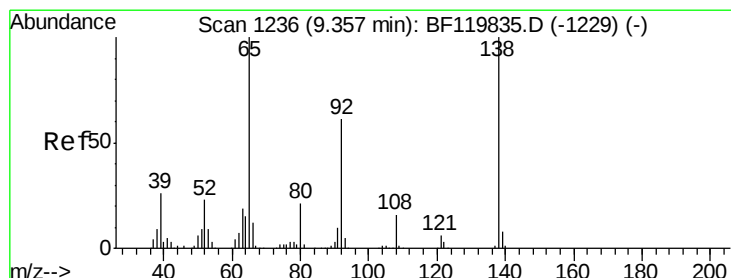
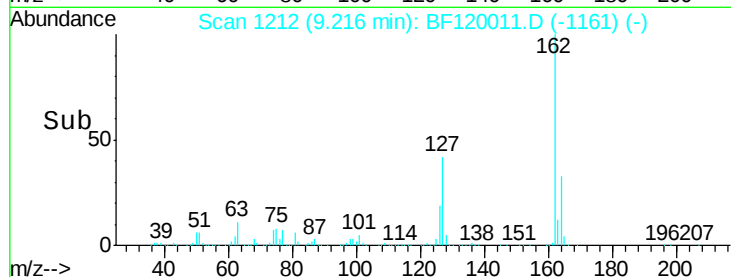
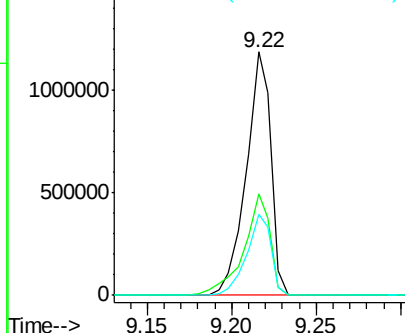
#47
2-Chloronaphthalene
Concen: 53.011 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

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

Tot Ion:162 Resp: 1214939
Ion Ratio Lower Upper
162 100
127 41.6 31.2 46.8
164 33.1 26.3 39.5

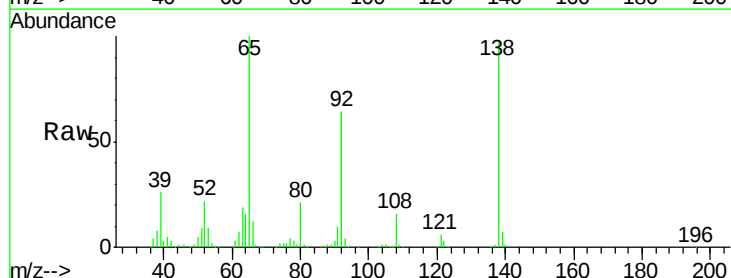


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

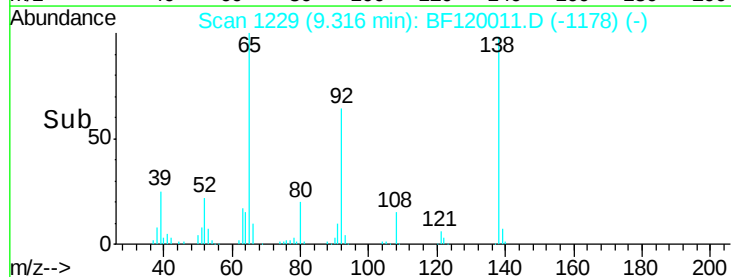
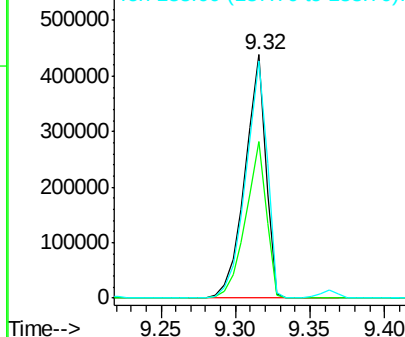


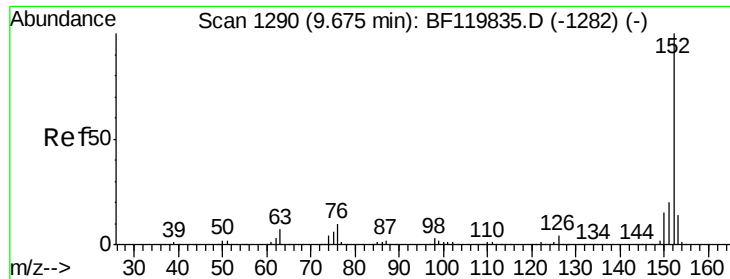
#48
2-Nitroaniline
Concen: 51.080 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion: 65 Resp: 424243
Ion Ratio Lower Upper
65 100
92 64.3 49.0 73.6
138 97.2 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: 53.461 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

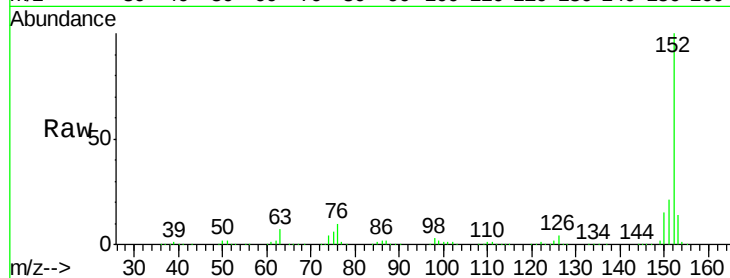
Tot Ion:152 Resp: 1863374

Ion Ratio Lower Upper

152 100

151 21.1 16.2 24.4

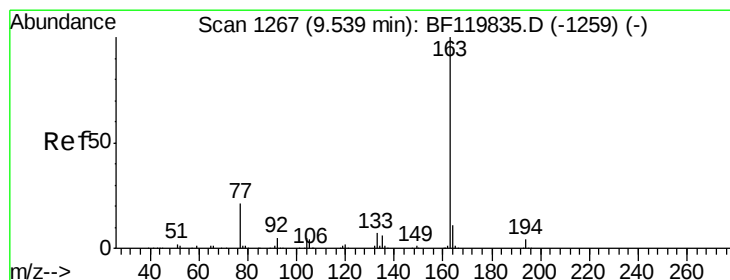
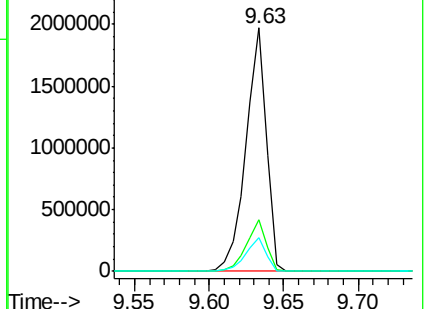
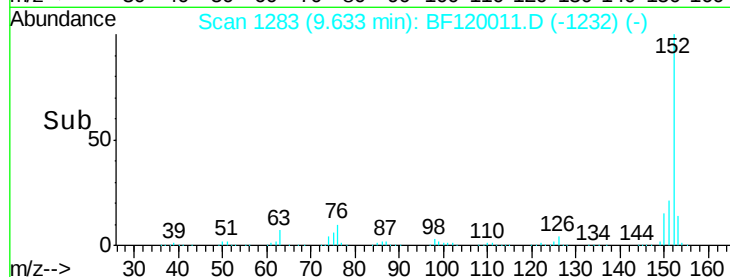
153 13.7 10.9 16.3



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: 58.369 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

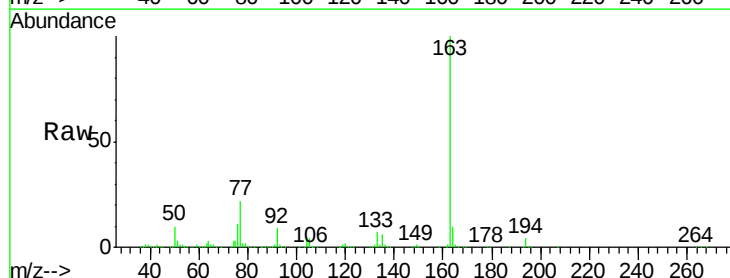
Tgt Ion:163 Resp: 1591368

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

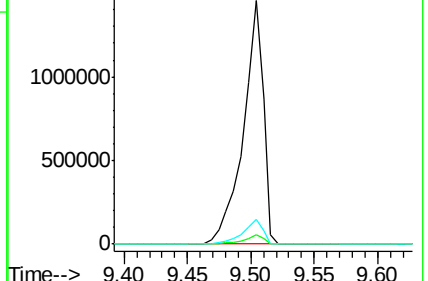
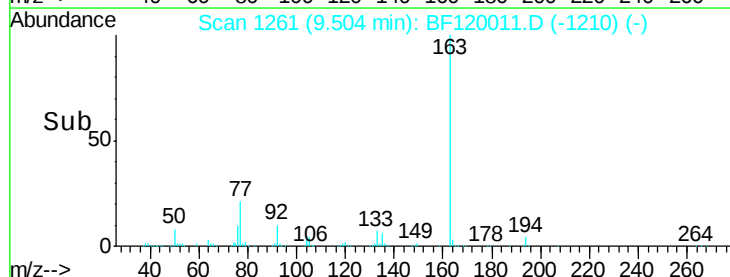
164 10.1 8.4 12.6

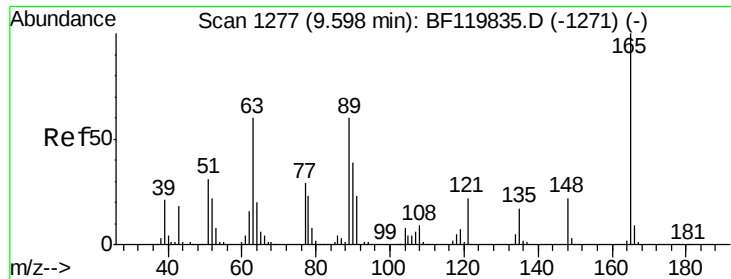


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.729 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

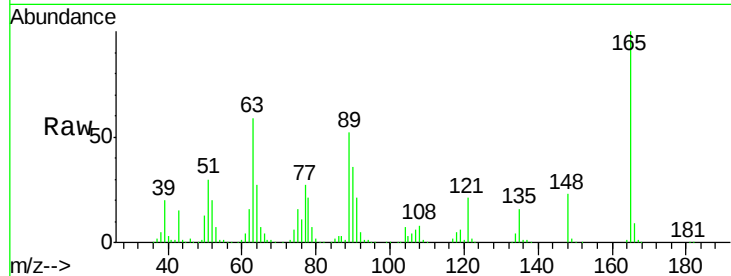
Tot Ion:165 Resp: 314810

Ion Ratio Lower Upper

165 100

63 59.0 55.6 83.4

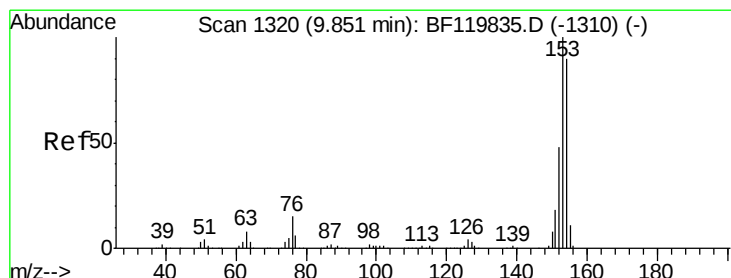
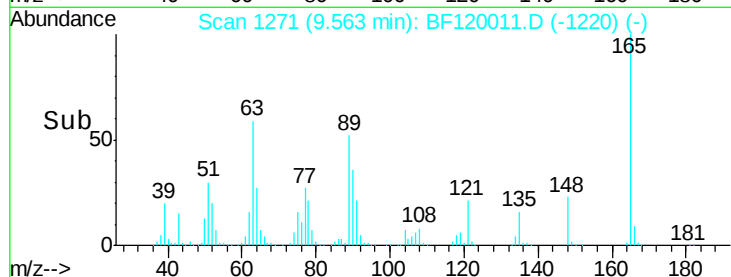
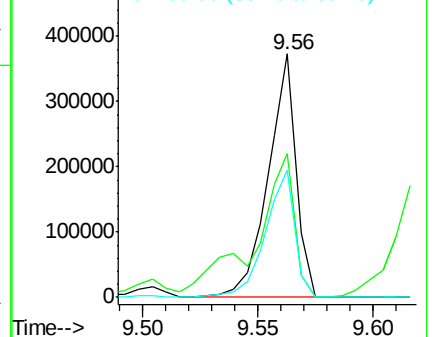
89 52.0 47.9 71.9



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: 48.339 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

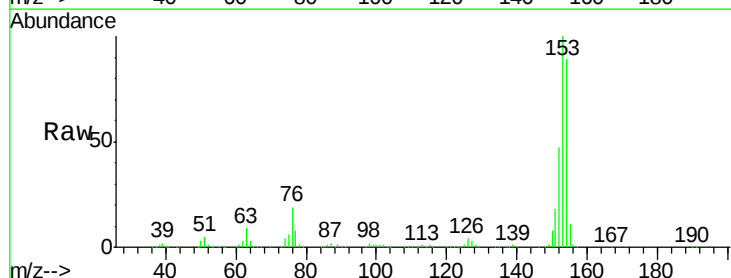
Tgt Ion:154 Resp: 1123909

Ion Ratio Lower Upper

154 100

153 112.7 88.8 133.2

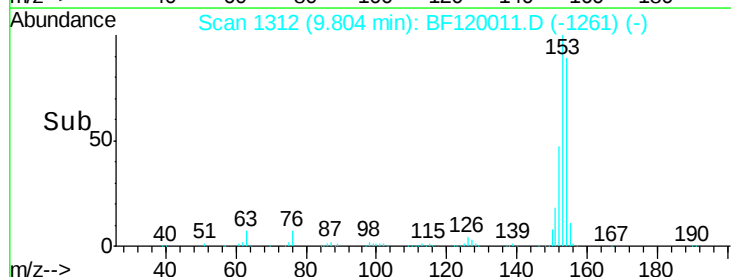
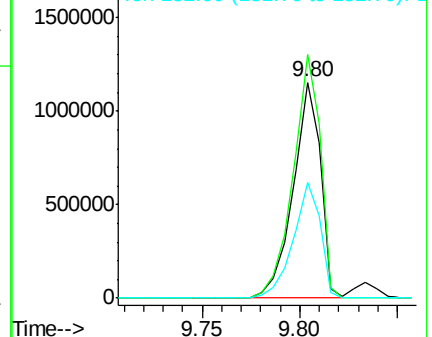
152 53.4 42.4 63.6

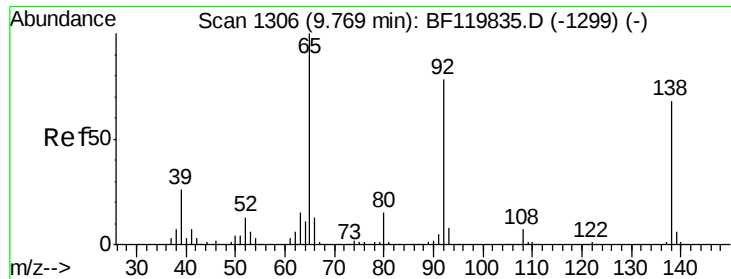


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

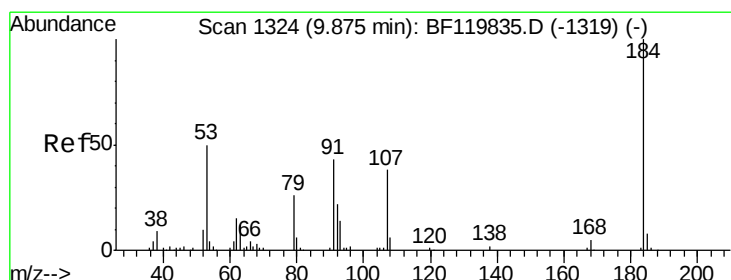
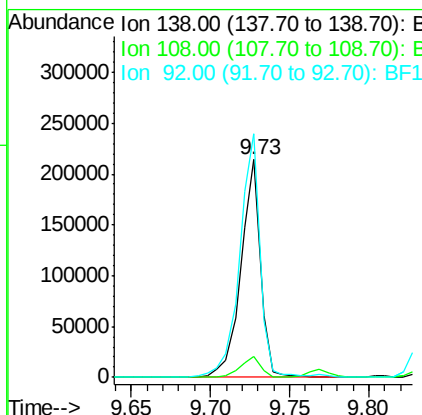
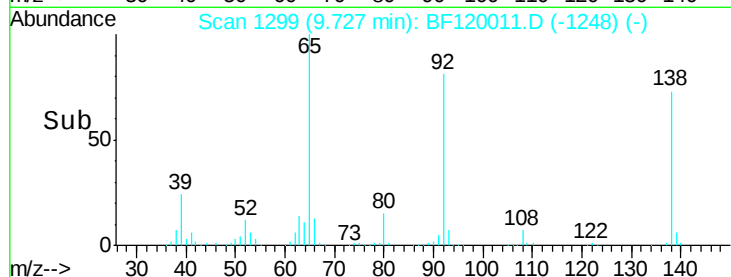
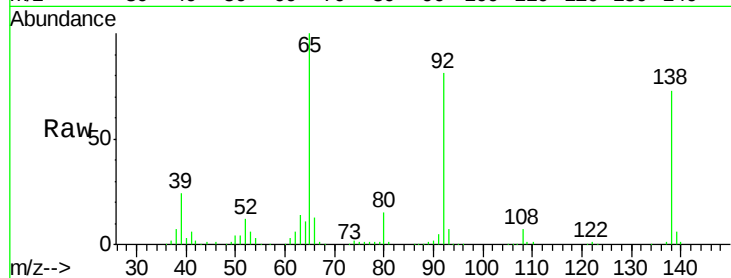




#53
 3-Nitroaniline
 Concen: 26.876 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

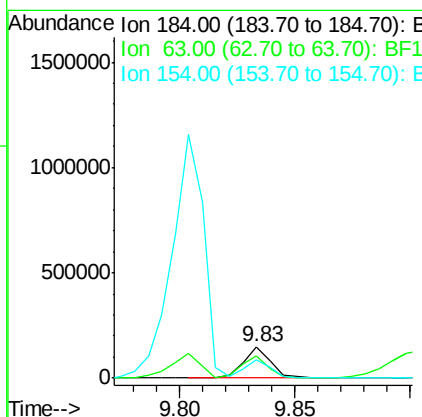
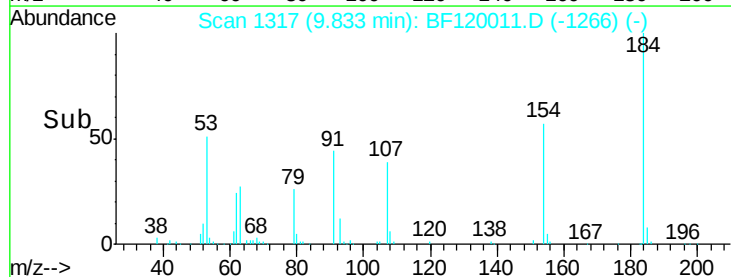
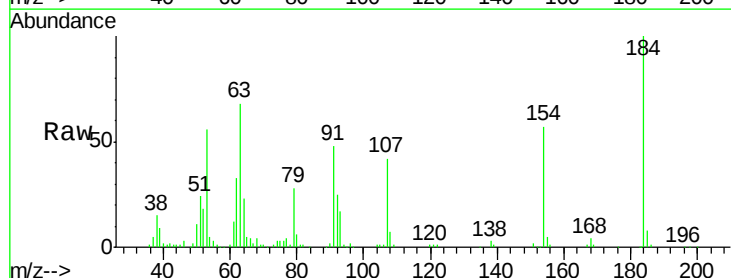
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

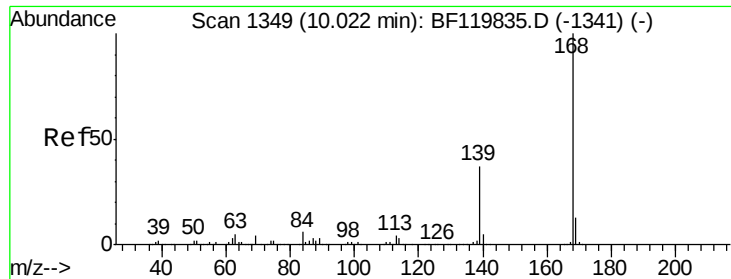
Tot Ion:138 Resp: 183255
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.0 12.0
 92 112.0 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 35.039 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion:184 Resp: 125244
 Ion Ratio Lower Upper
 184 100
 63 68.1 49.8 74.6
 154 56.9 46.5 69.7

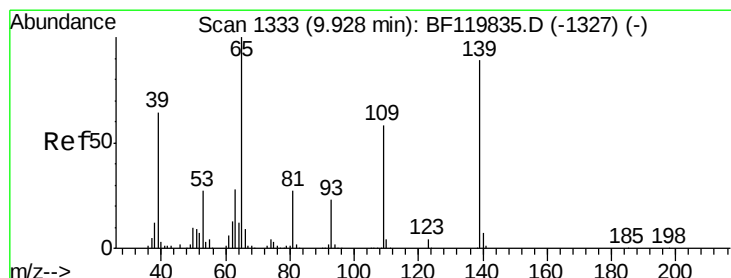
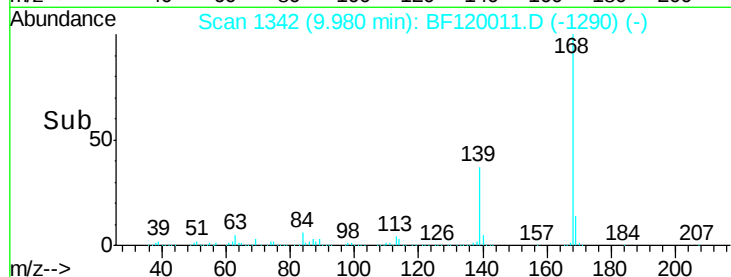
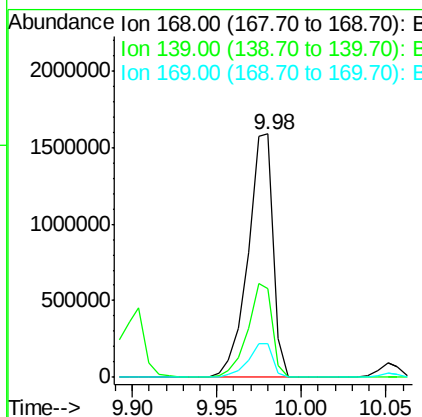
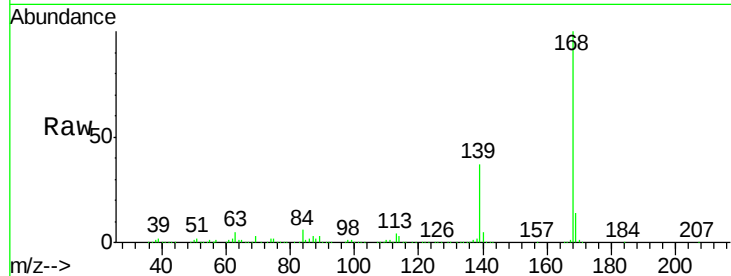




#55
Dibenzofuran
Concen: 51.918 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

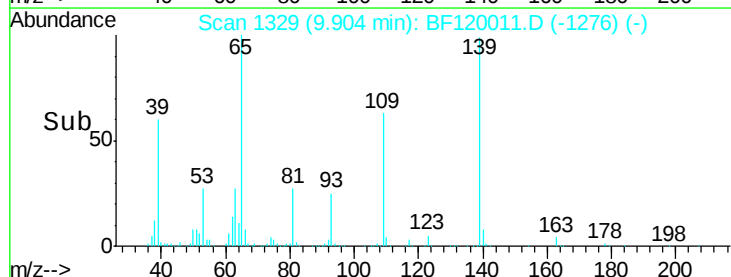
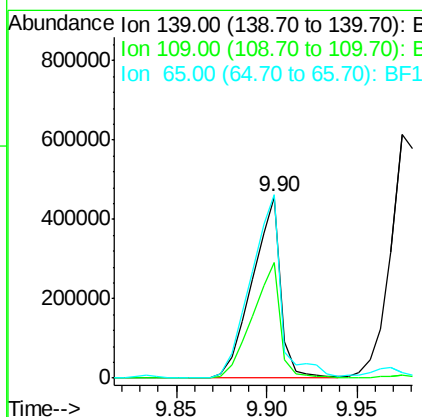
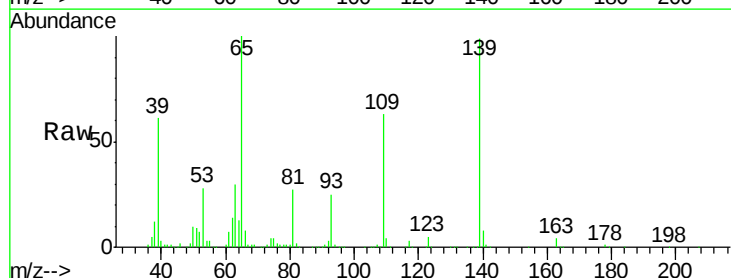
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMS

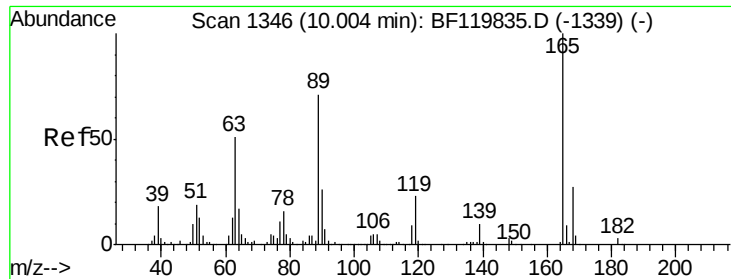
Tot Ion:168 Resp: 1656494
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.6
169 13.8 10.6 15.8



#56
4-Nitrophenol
Concen: 98.072 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion:139 Resp: 497563
Ion Ratio Lower Upper
139 100
109 63.4 45.5 85.5
65 100.8 92.3 132.3

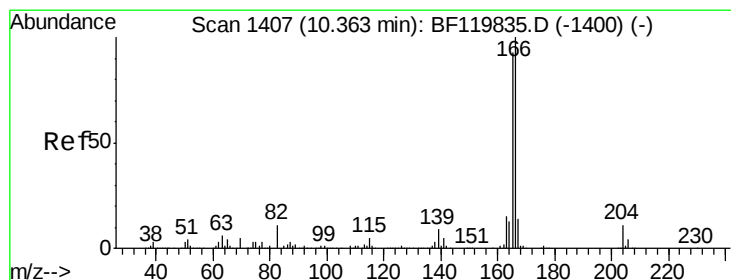
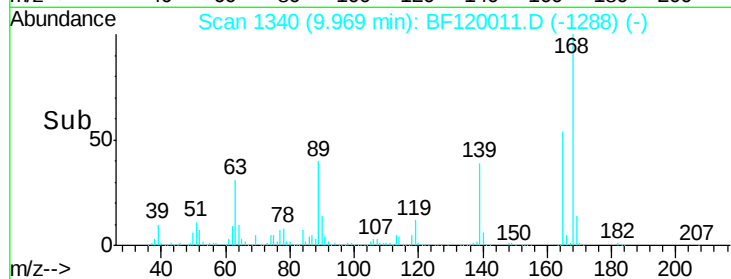
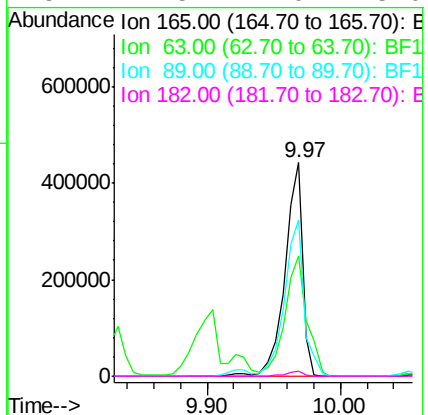
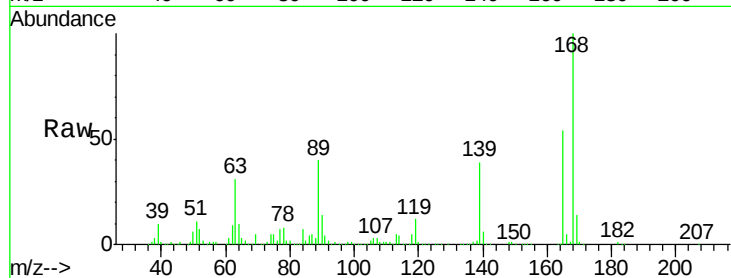




#57
 2,4-Dinitrotoluene
 Concen: 52.496 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

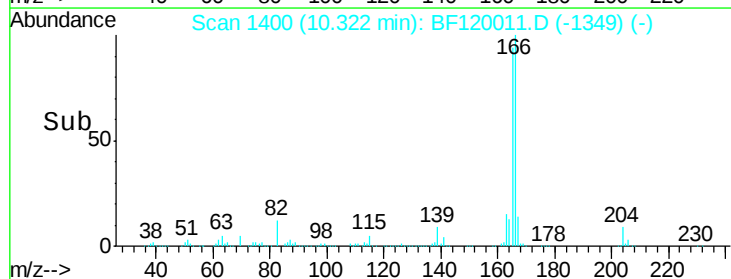
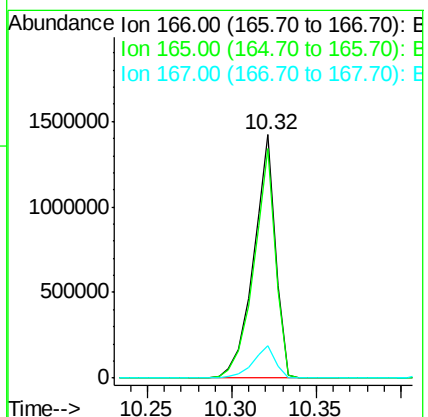
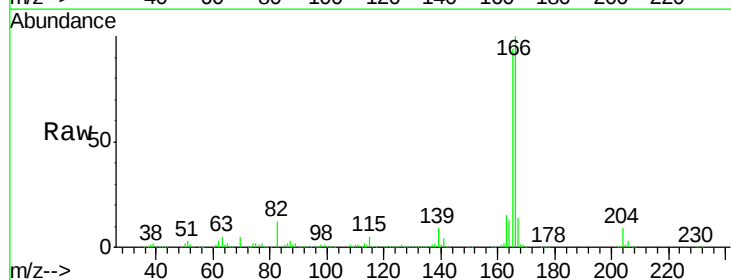
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

Tot Ion:	165	Resp:	412930
Ion	Ratio	Lower	Upper
165	100		
63	56.3	40.8	61.2
89	73.0	56.9	85.3
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 50.393 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion:	166	Resp:	1285866
Ion	Ratio	Lower	Upper
166	100		
165	94.1	74.2	111.2
167	13.5	10.8	16.2

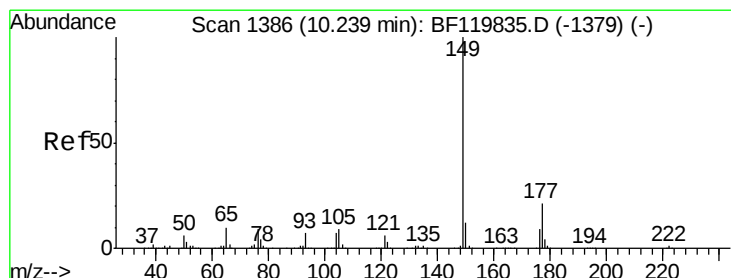
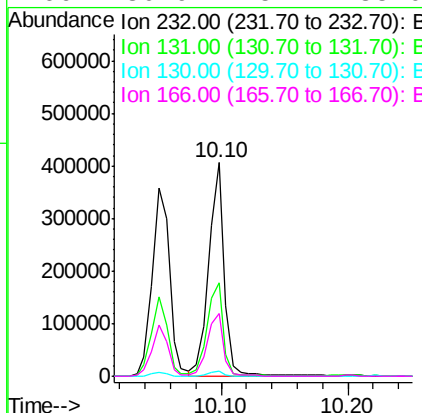
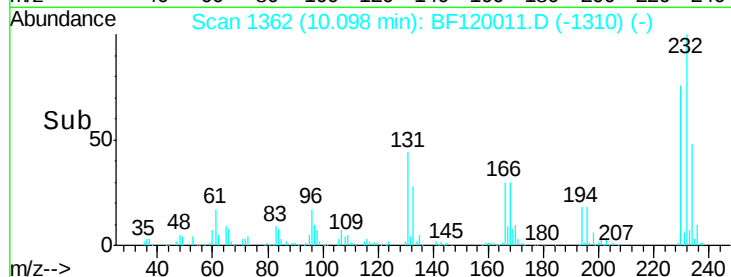
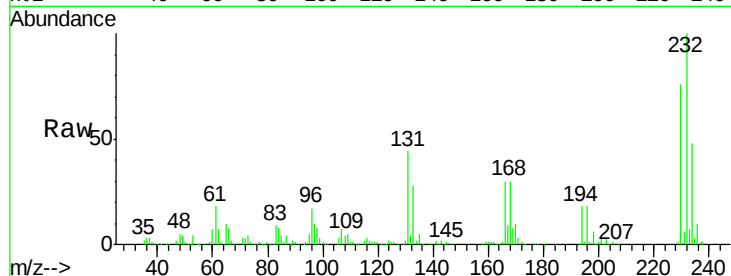




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.557 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

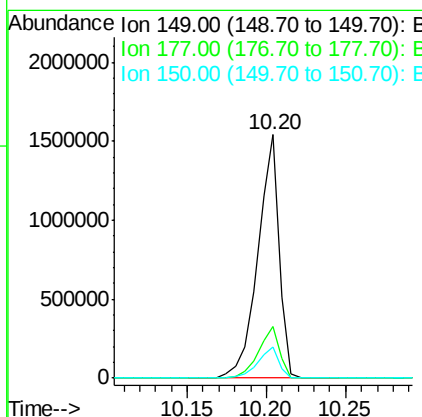
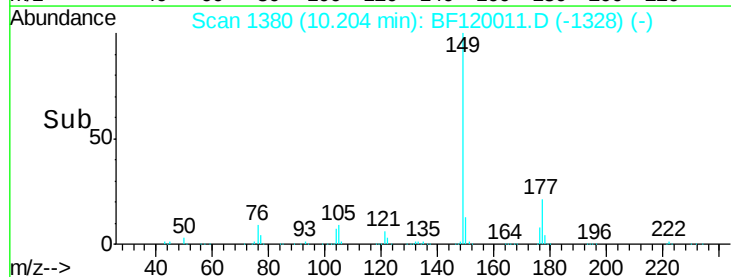
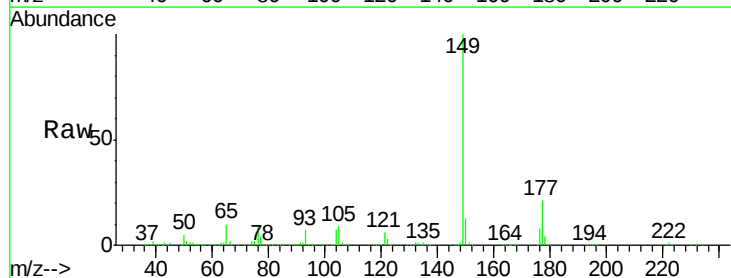
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

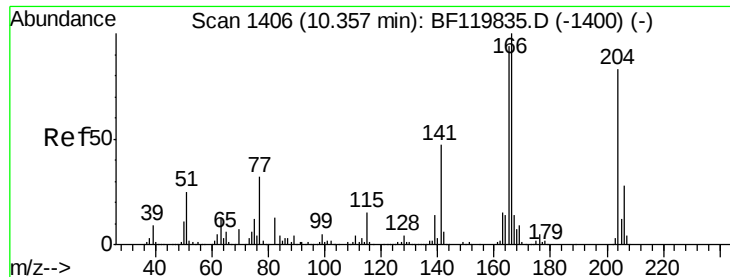
Tot Ion:232 Resp: 348043
 Ion Ratio Lower Upper
 232 100
 131 46.2 37.9 56.9
 130 2.2 1.8 2.6
 166 30.9 25.4 38.0



#60
 Diethylphthalate
 Concen: 50.996 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion:149 Resp: 1440994
 Ion Ratio Lower Upper
 149 100
 177 21.1 16.8 25.2
 150 12.5 9.8 14.6

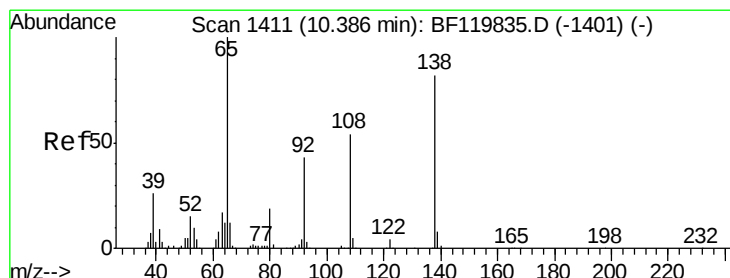
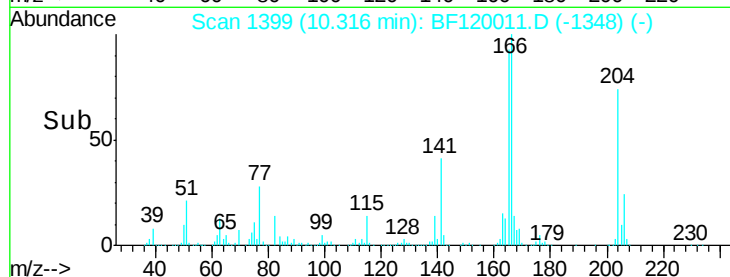
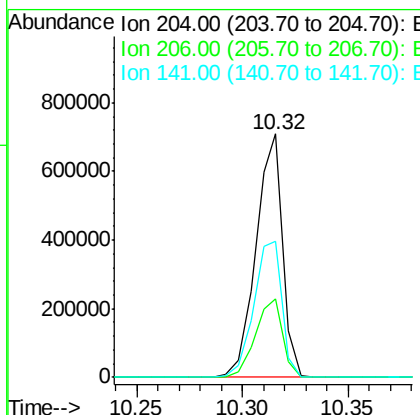
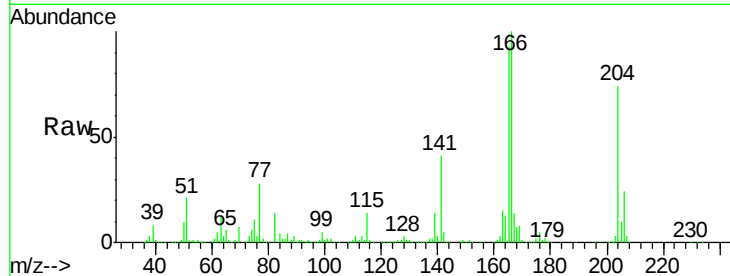




#61
 4-Chlorophenyl-phenylether
 Concen: 47.403 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

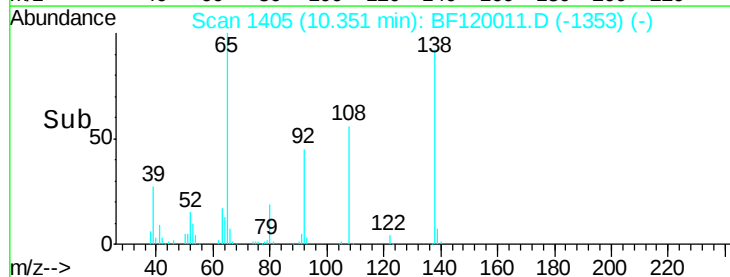
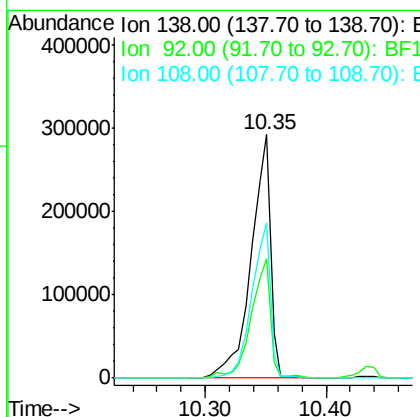
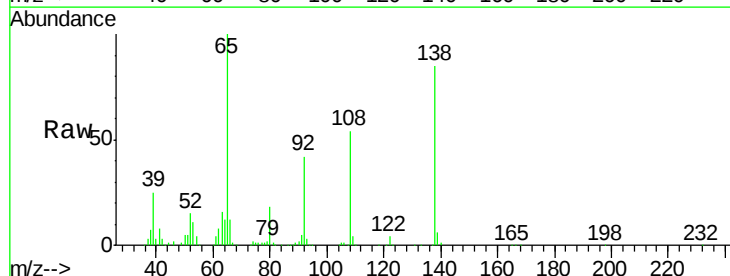
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

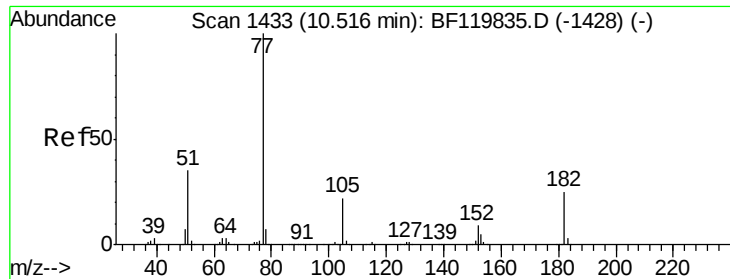
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.7	40.1
141	55.9	45.8	68.8



#62
 4-Nitroaniline
 Concen: 50.855 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.6	71.6
108	63.7	45.2	85.2





#63

Azobenzene

Concen: 54.142 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

Tot Ion: 77 Resp: 1371076

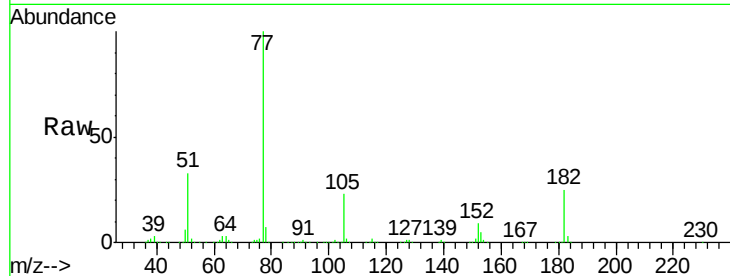
Ion	Ratio	Lower	Upper
77	100		
182	24.9	4.5	44.5
105	22.7	2.2	42.2
51	33.2	15.1	55.1

77 100

182 24.9 4.5 44.5

105 22.7 2.2 42.2

51 33.2 15.1 55.1



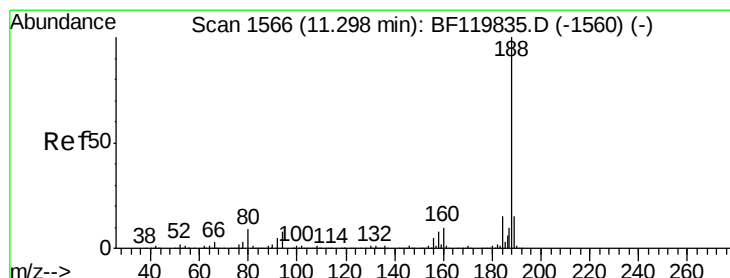
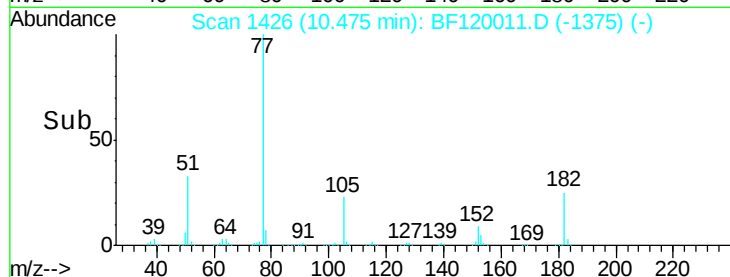
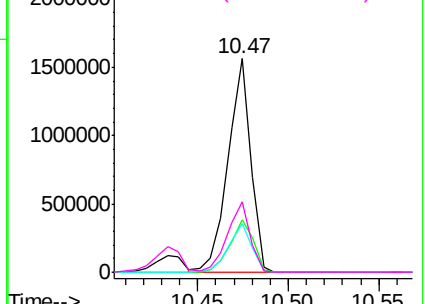
Abundance

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: BF120011.D

Acq: 16 Apr 2020 00:10

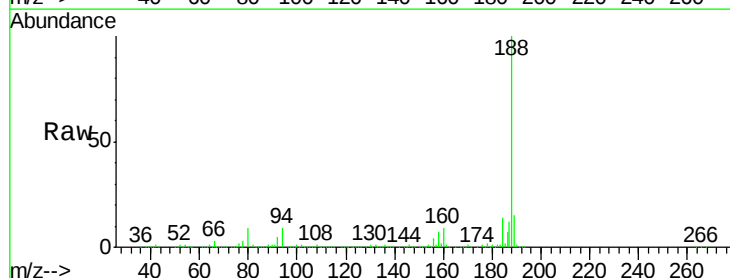
Tgt Ion: 188 Resp: 669547

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	8.7	7.4	11.2

188 100

94 9.0 6.7 10.1

80 8.7 7.4 11.2

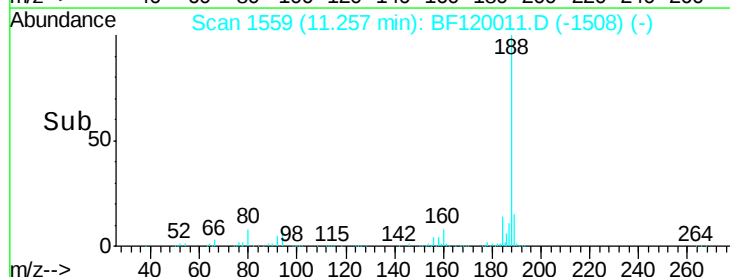
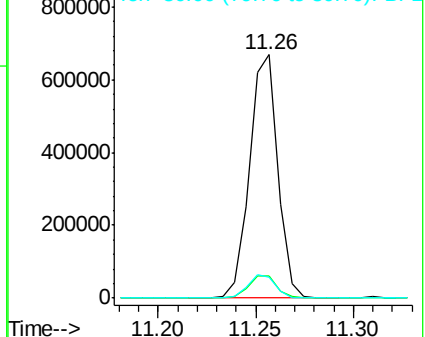


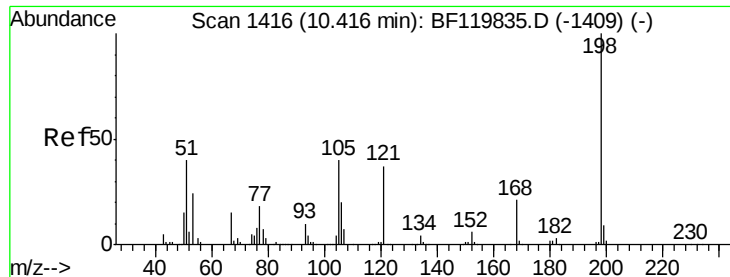
Abundance

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

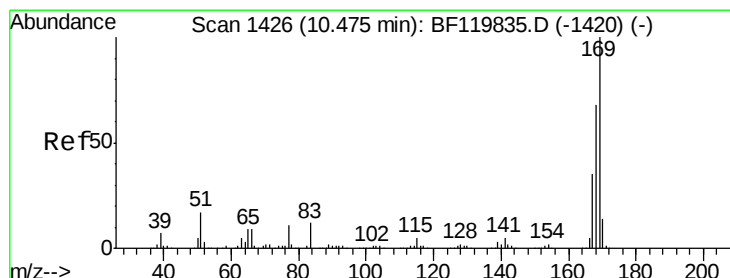
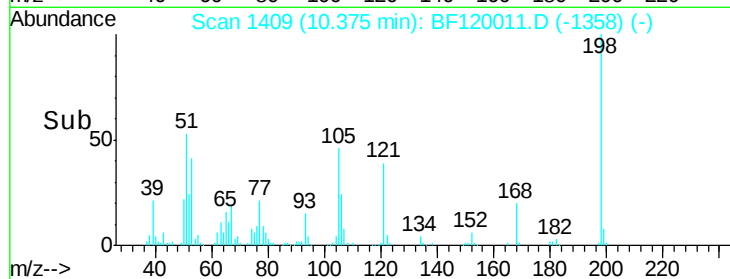
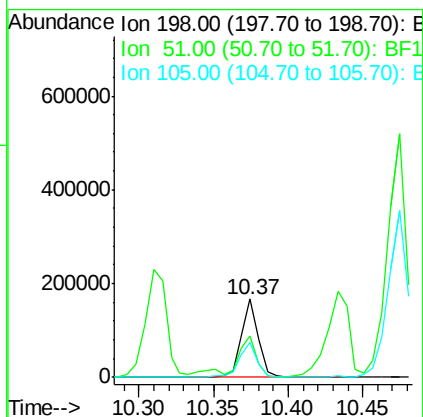
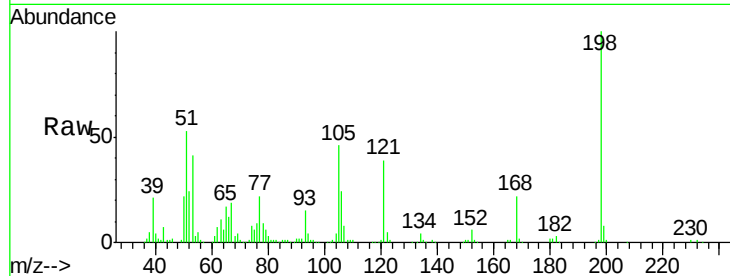




#65
4,6-Dinitro-2-methylphenol
Concen: 29.837 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

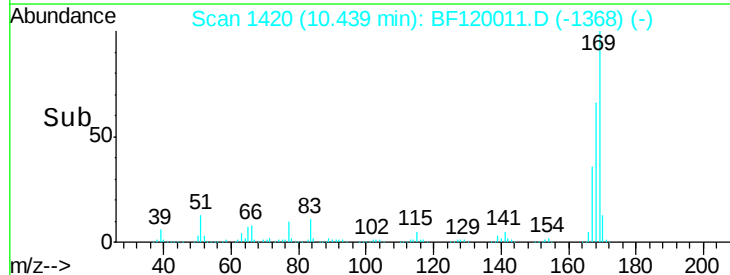
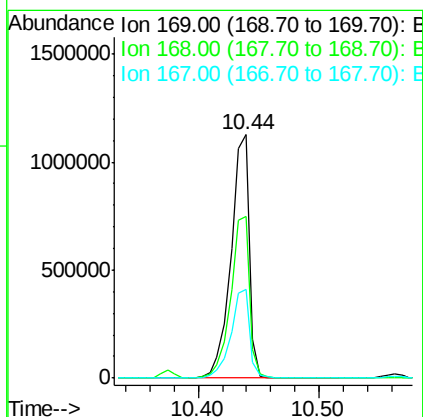
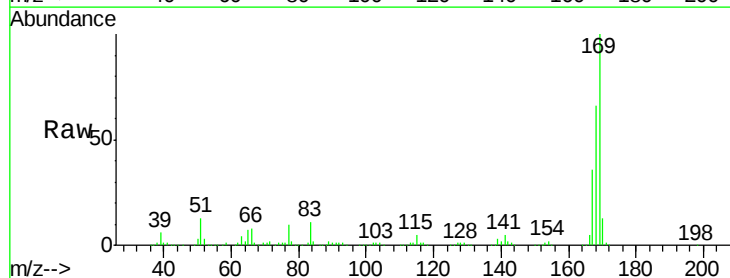
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMS

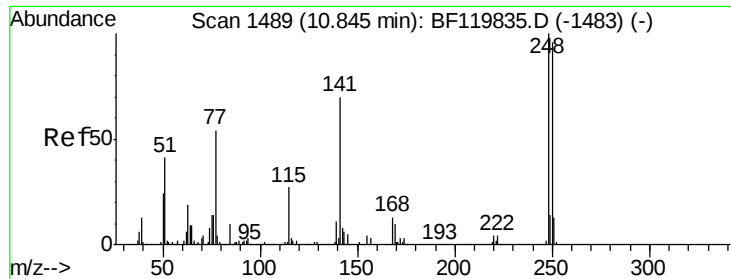
Tot Ion:198 Resp: 131610
Ion Ratio Lower Upper
198 100
51 52.6 25.2 65.2
105 45.6 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 53.441 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion:169 Resp: 1189975
Ion Ratio Lower Upper
169 100
168 66.3 54.2 81.4
167 36.4 28.3 42.5

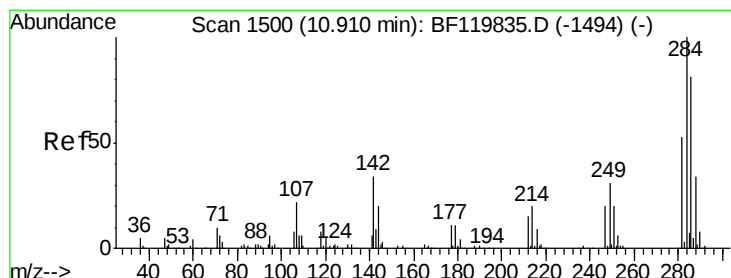
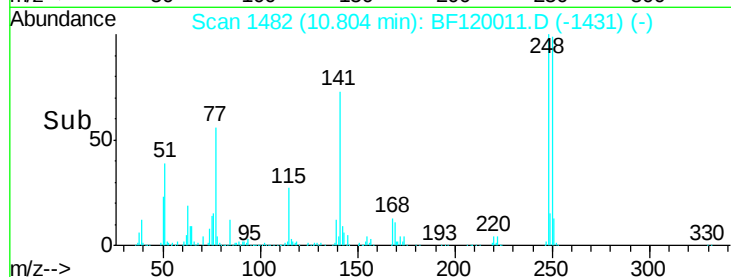
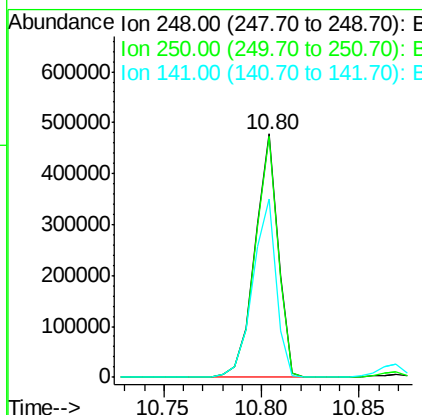
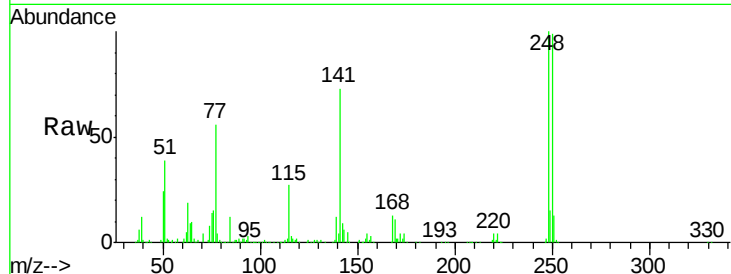




#67
 4-Bromophenyl-phenylether
 Concen: 47.252 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

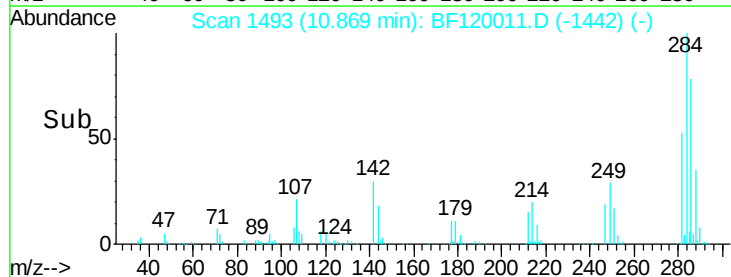
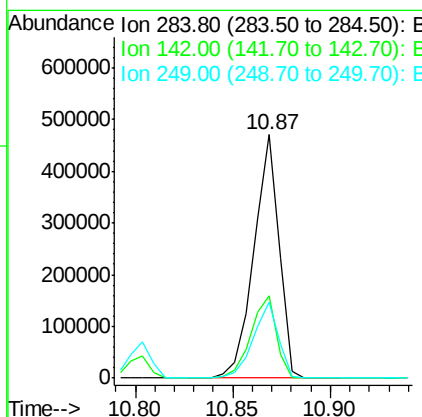
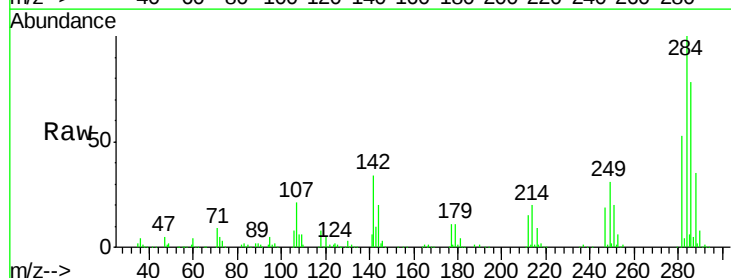
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

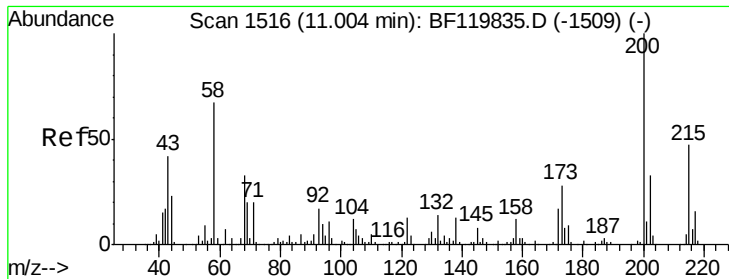
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.6	114.8
141	73.1	55.9	83.9



#68
 Hexachlorobenzene
 Concen: 49.584 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	26.9	40.3
249	31.1	24.6	37.0

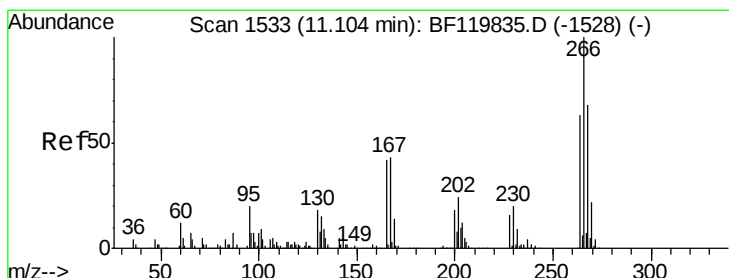
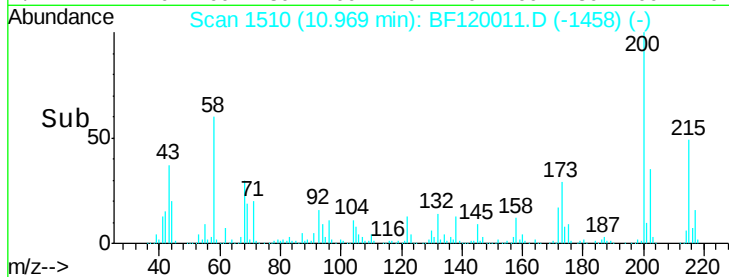
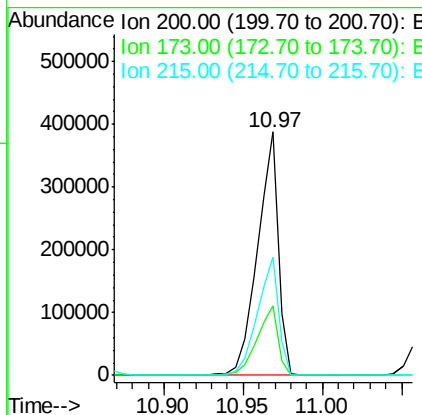
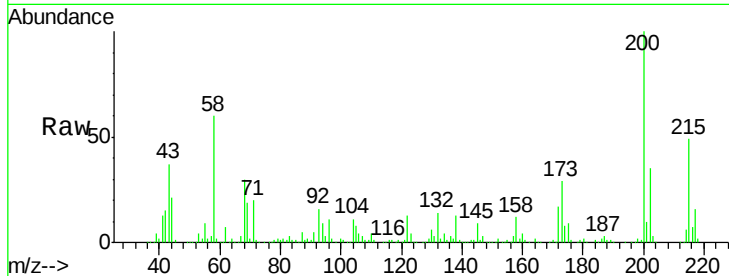




#69
 Atrazine
 Concen: 57.391 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

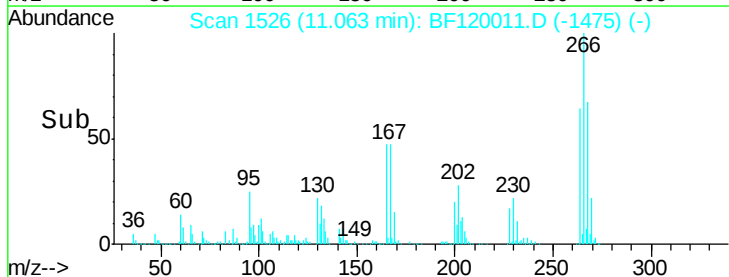
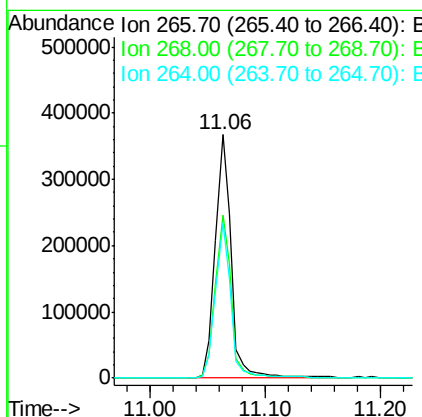
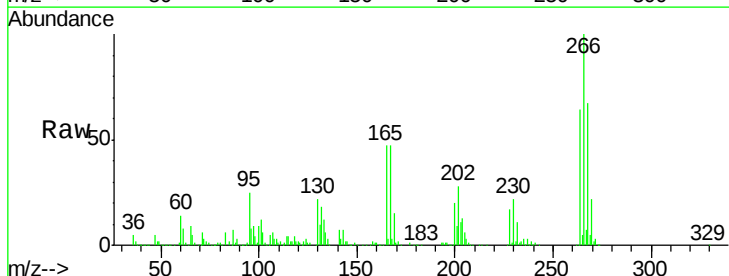
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

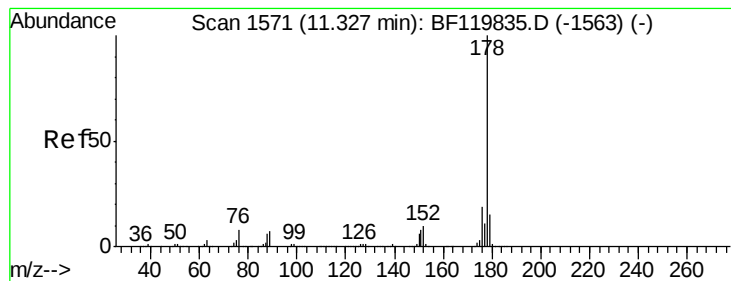
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.0	48.0
215	48.6	27.1	67.1



#70
 Pentachlorophenol
 Concen: 72.615 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	54.2	81.4
264	63.7	50.6	76.0





#71

Phenanthrene

Concen: 52.152 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

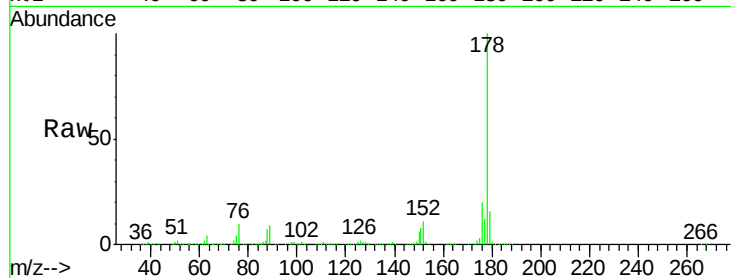
Tot Ion:178 Resp: 1858373

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

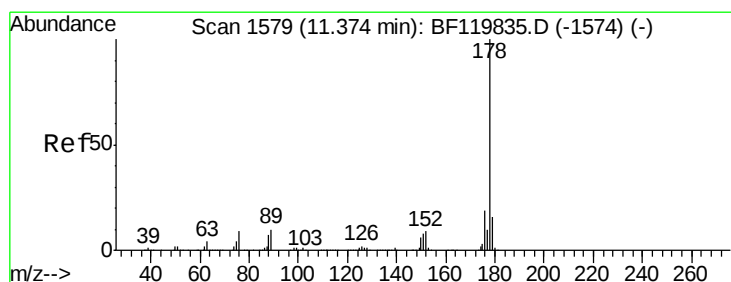
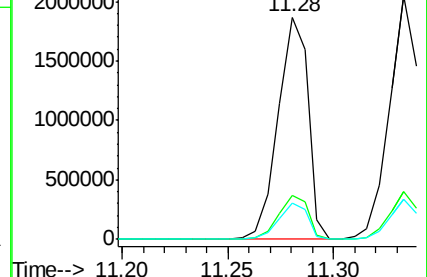
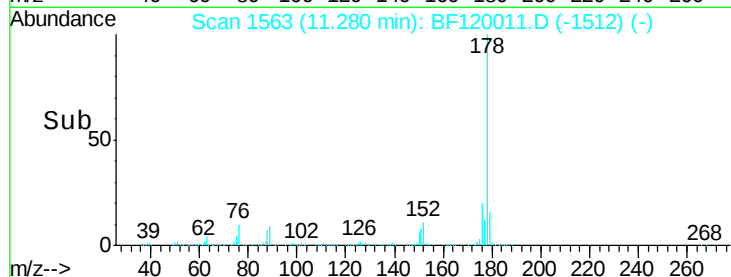
179 16.1 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.765 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

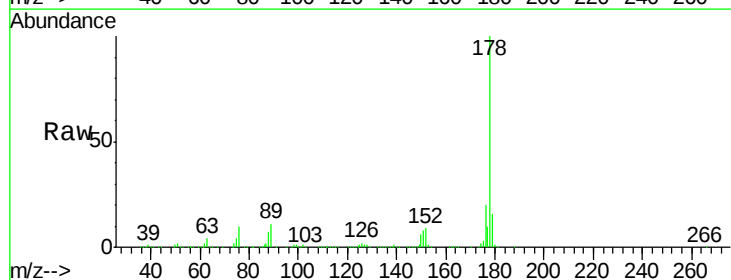
Tgt Ion:178 Resp: 1920763

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

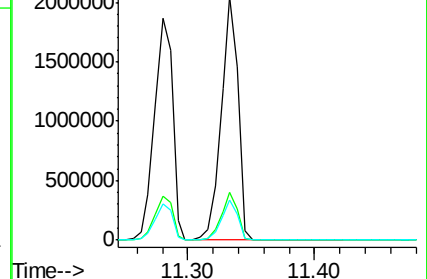
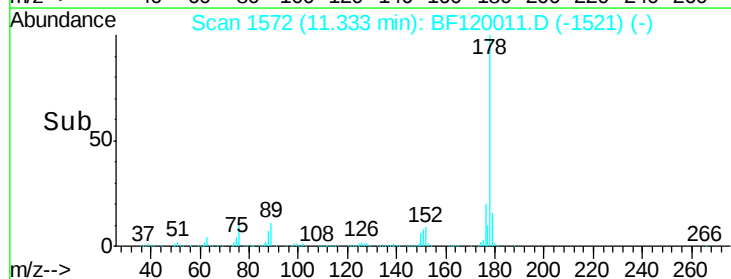
179 16.4 12.8 19.2

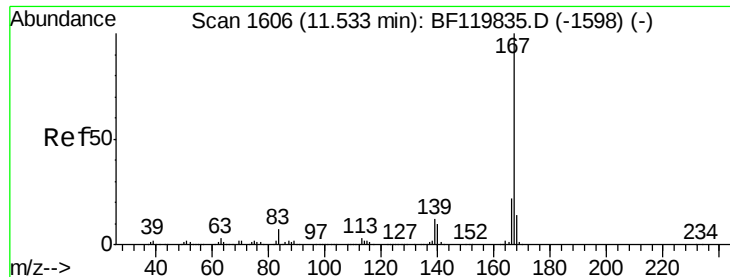


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.776 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

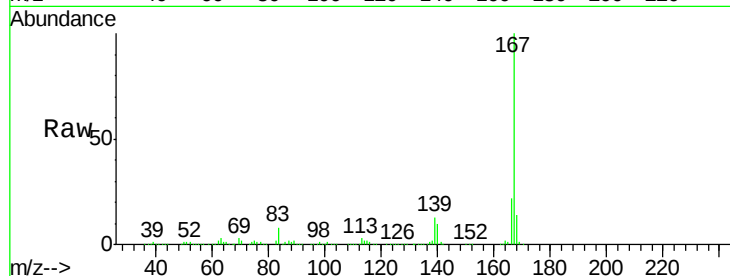
Tot Ion:167 Resp: 1747946

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

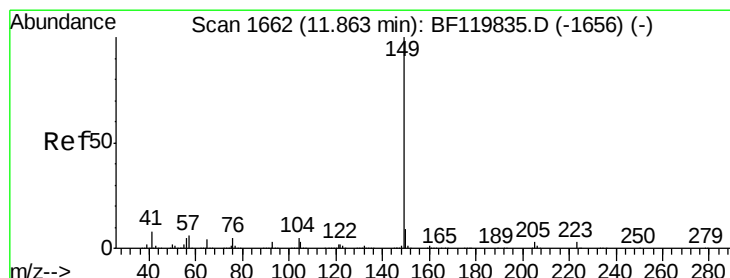
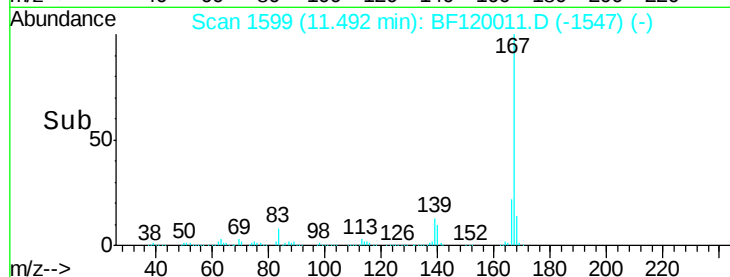
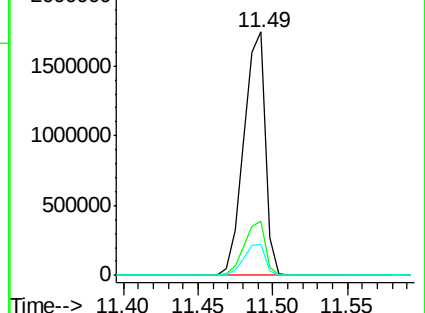
139 12.7 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.593 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

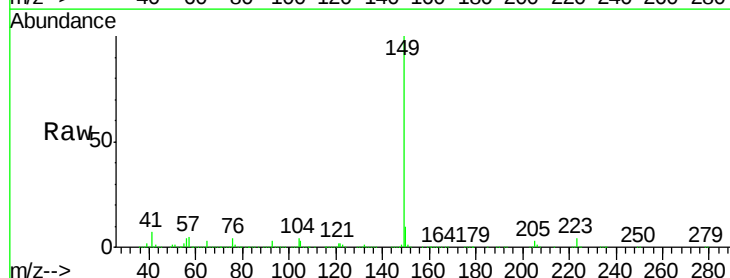
Tgt Ion:149 Resp: 2244311

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

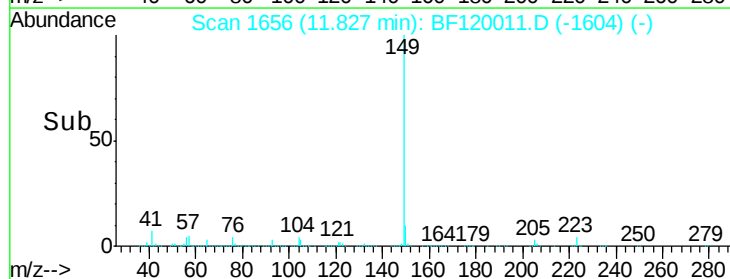
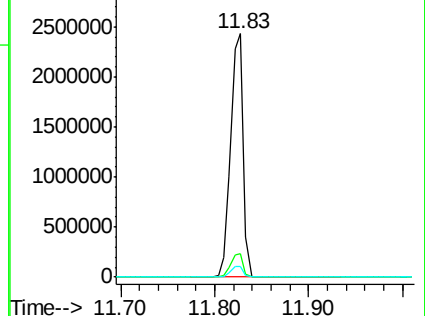
104 4.5 3.8 5.6

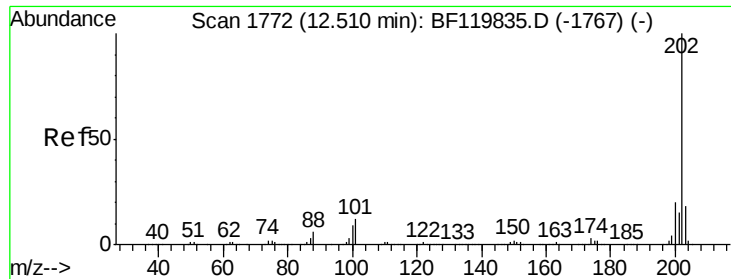


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

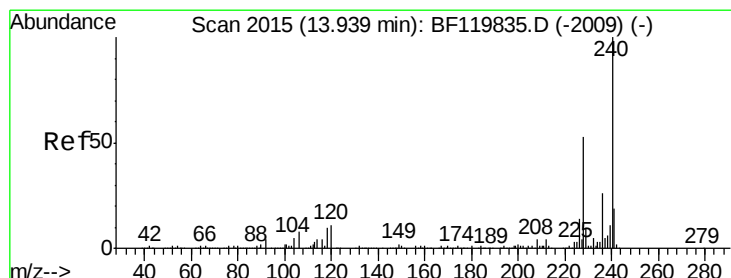
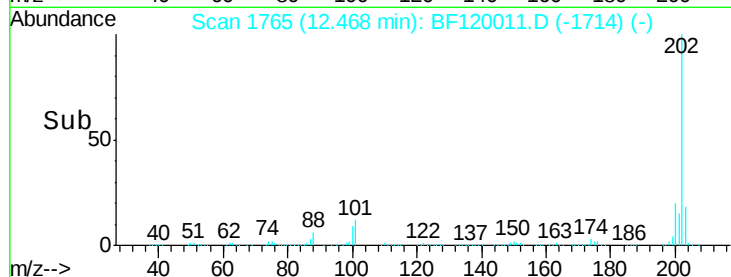
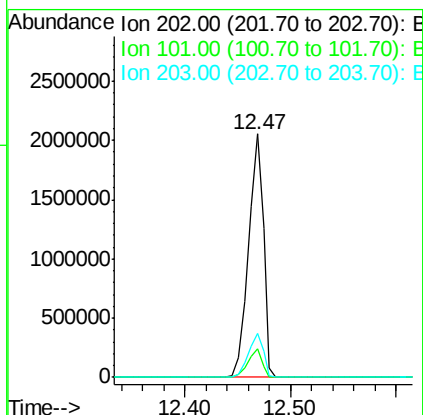
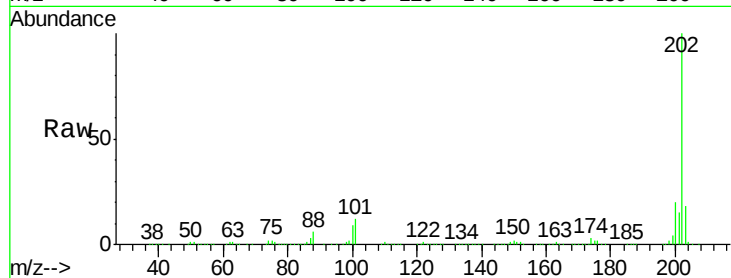




#75
 Fluoranthene
 Concen: 52.185 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

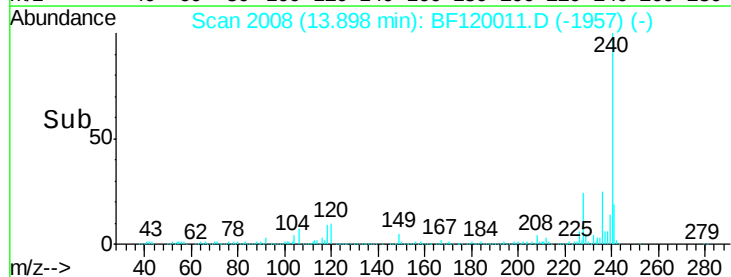
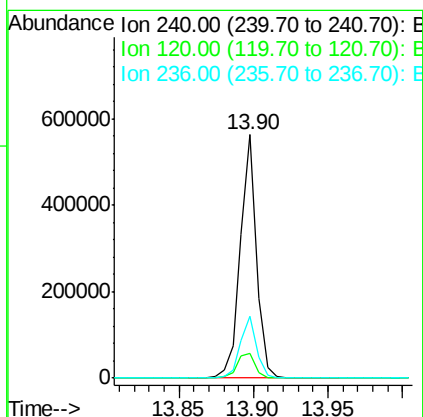
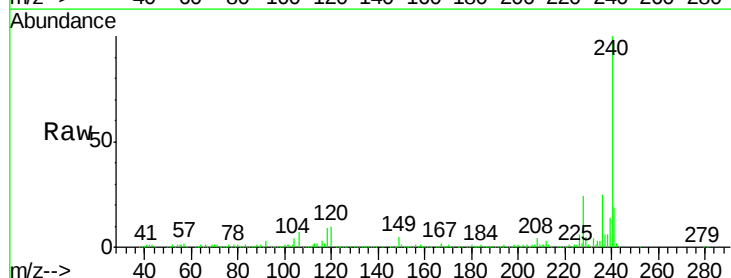
Instrument :
 BNA_F
 ClientSampleId :
 TP-23-22-COMPMS

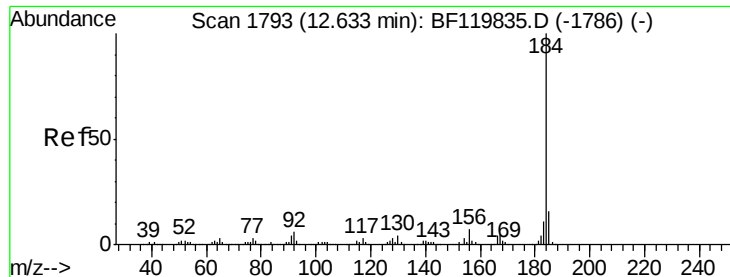
Tot Ion:202 Resp: 2006424
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.3
 203 18.3 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF120011.D
 Acq: 16 Apr 2020 00:10

Tgt Ion:240 Resp: 426643
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.0 13.6
 236 25.4 20.7 31.1





#77

Benzidine

Concen: 56.851 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

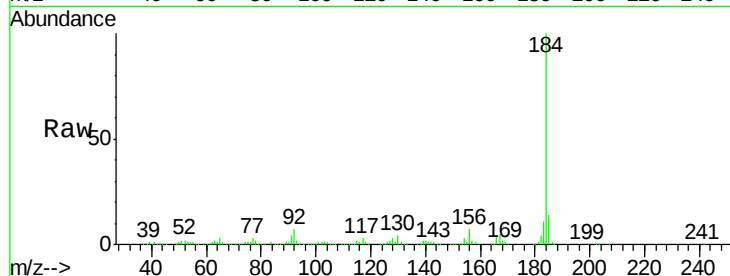
Tot Ion:184 Resp: 819891

Ion Ratio Lower Upper

184 100

185 14.4 13.2 19.8

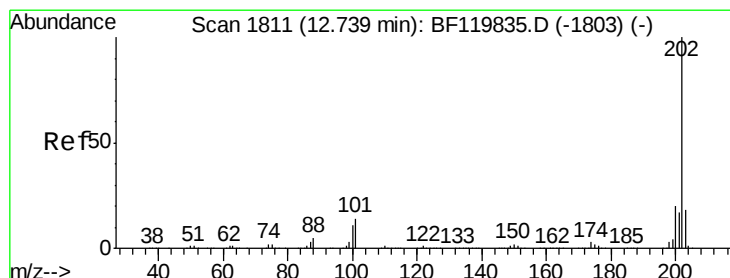
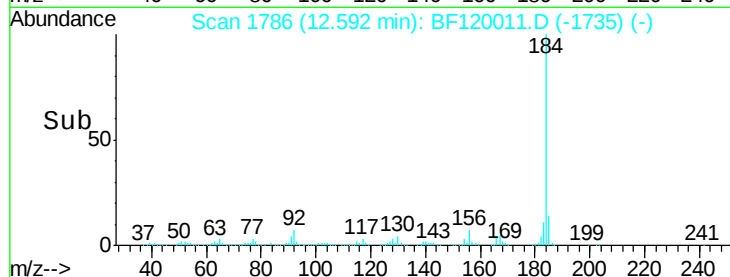
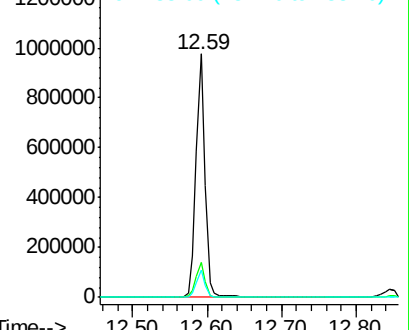
183 11.1 9.1 13.7



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: 54.803 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

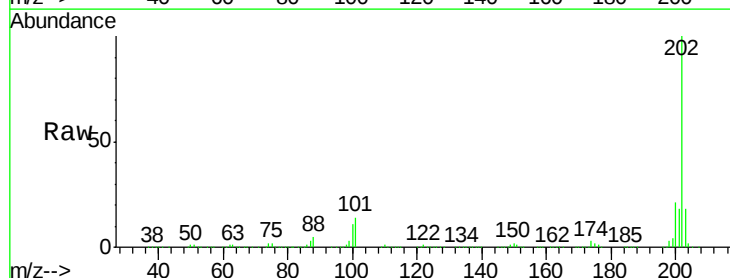
Tgt Ion:202 Resp: 1971097

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

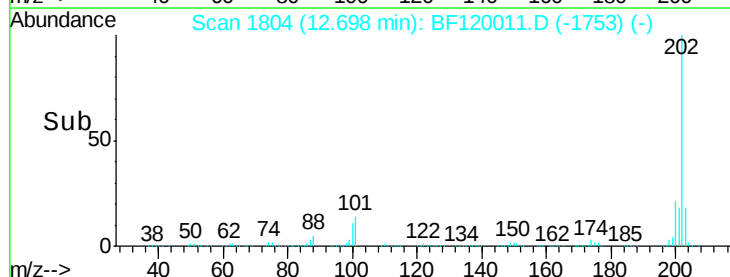
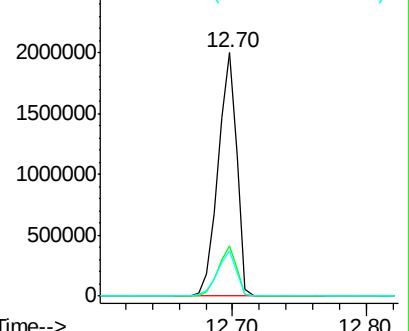
203 18.3 14.1 21.1



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: 108.495 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

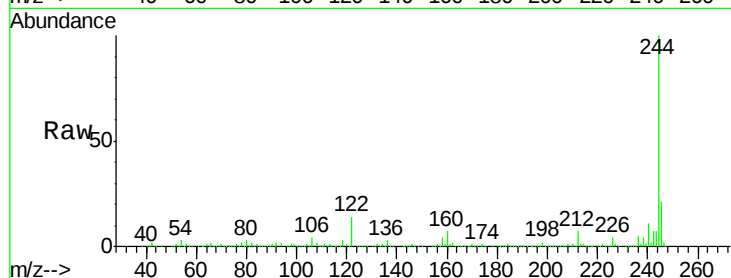
Tot Ion:244 Resp: 2750942

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

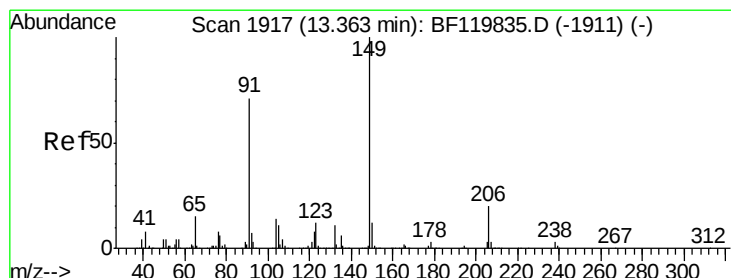
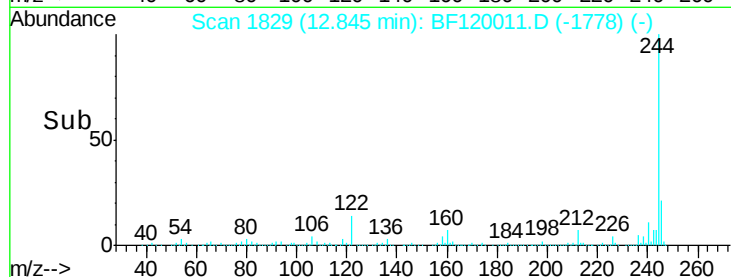
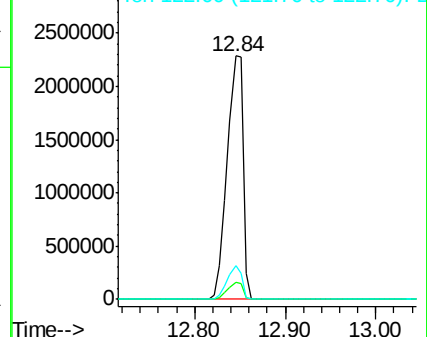
122 13.9 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.396 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

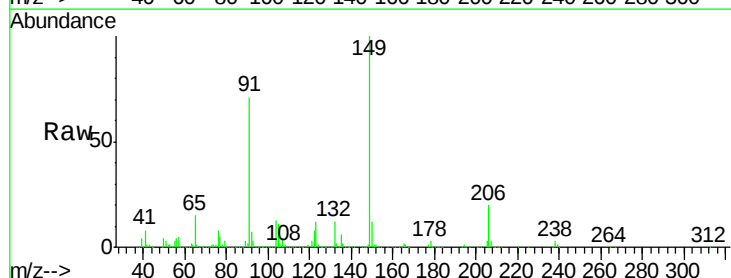
Tgt Ion:149 Resp: 914437

Ion Ratio Lower Upper

149 100

91 71.0 56.7 85.1

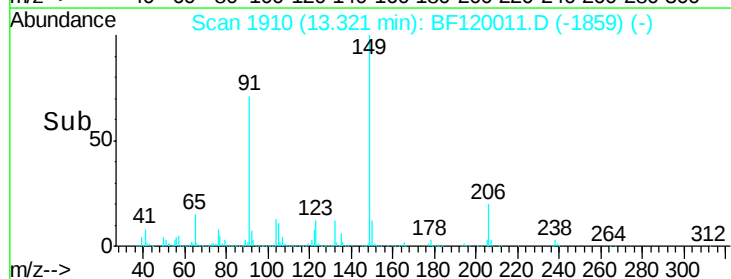
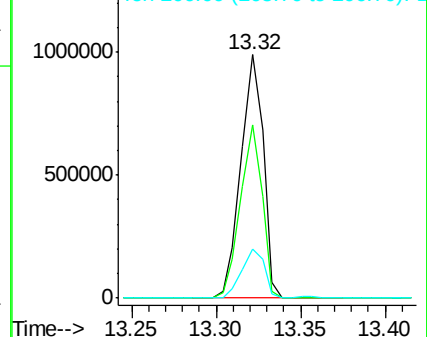
206 20.0 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.941 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

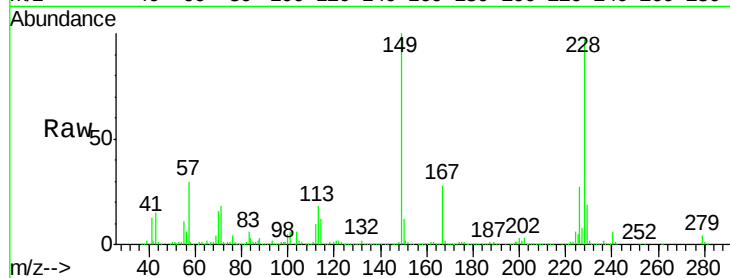
Tot Ion:228 Resp: 1485904

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

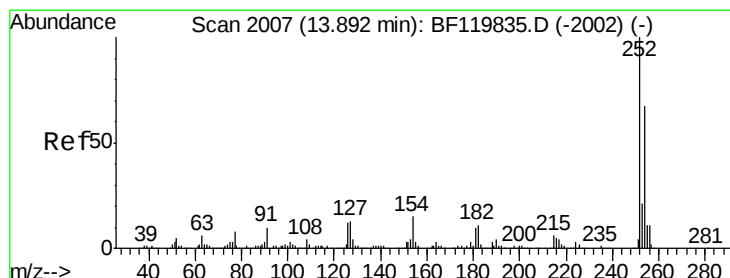
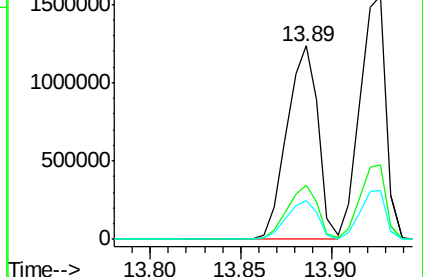
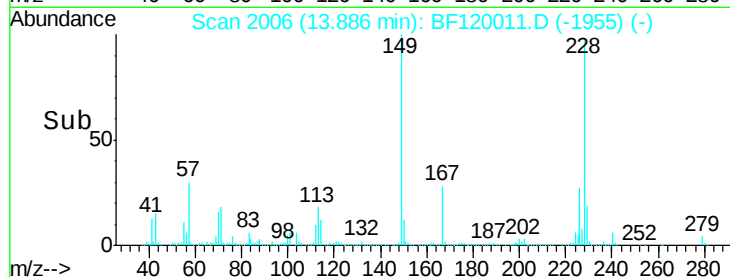
229 20.1 15.9 23.9



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: 25.996 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

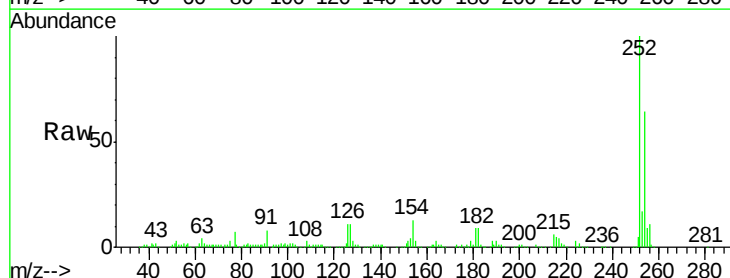
Tgt Ion:252 Resp: 272249

Ion Ratio Lower Upper

252 100

254 64.1 53.9 80.9

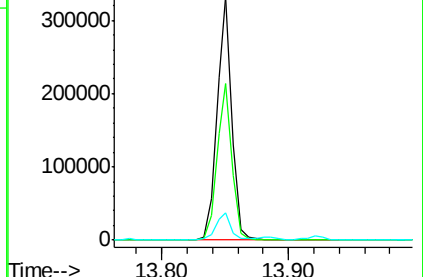
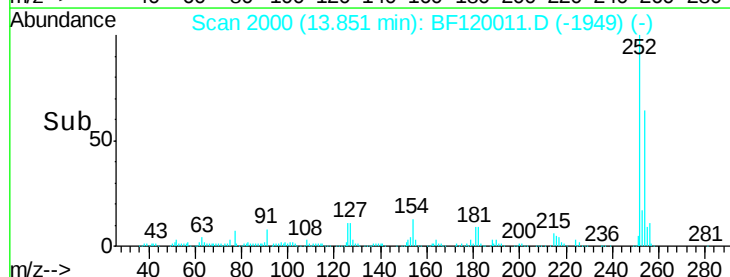
126 11.0 9.7 14.5

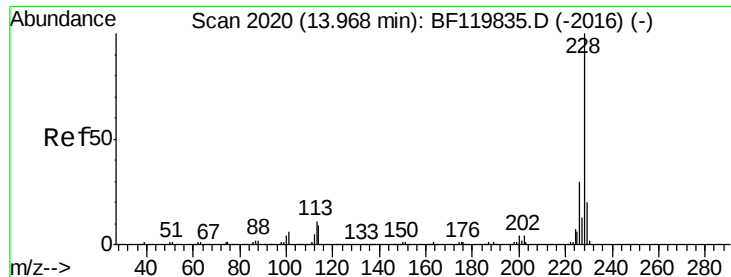


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 54.276 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

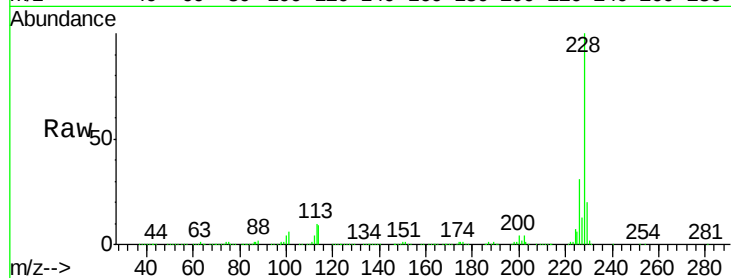
Tot Ion:228 Resp: 1547887

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

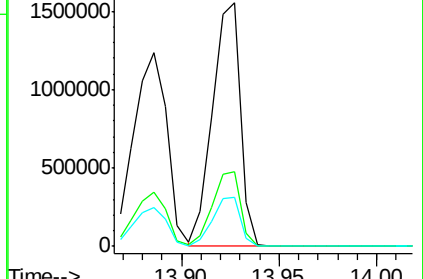
229 20.4 15.9 23.9



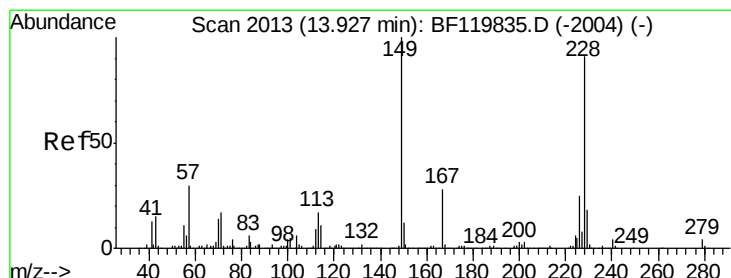
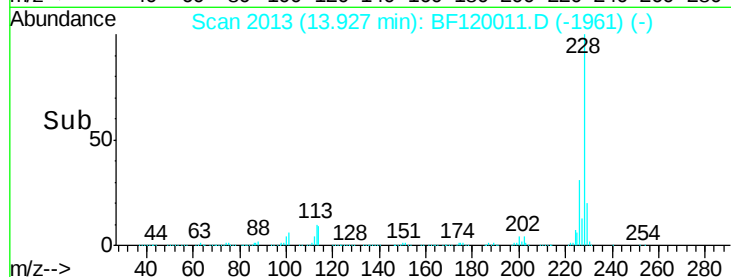
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.758 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

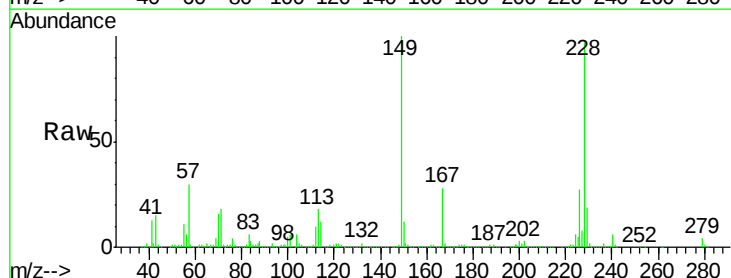
Tgt Ion:149 Resp: 1175980

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

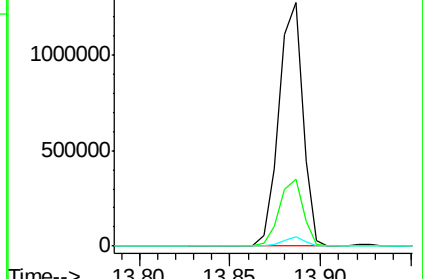
279 3.9 3.4 5.0



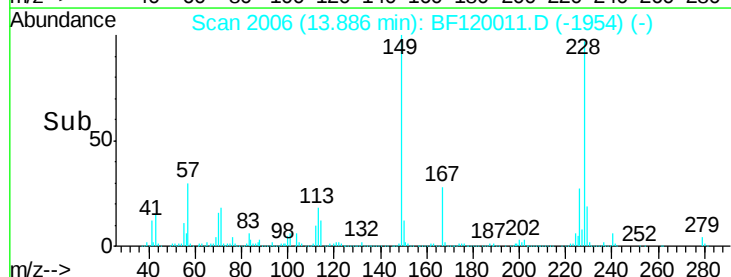
Abundance Ion 149.00 (148.70 to 149.70): E

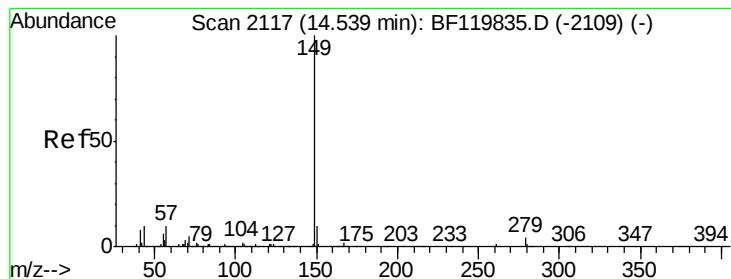
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 49.165 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

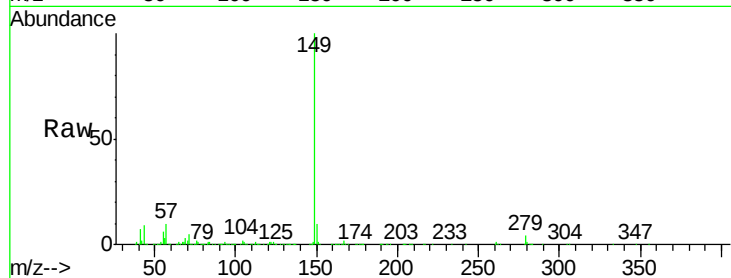
Tot Ion:149 Resp: 1978428

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

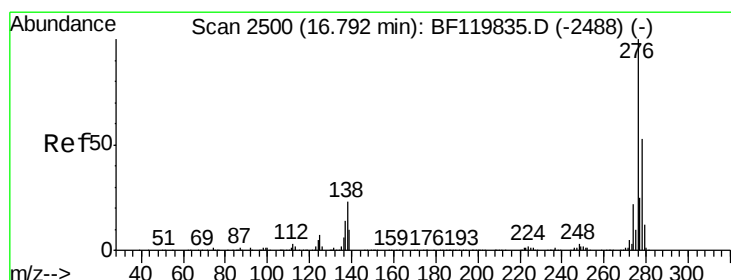
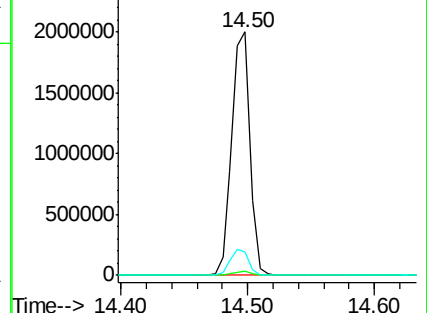
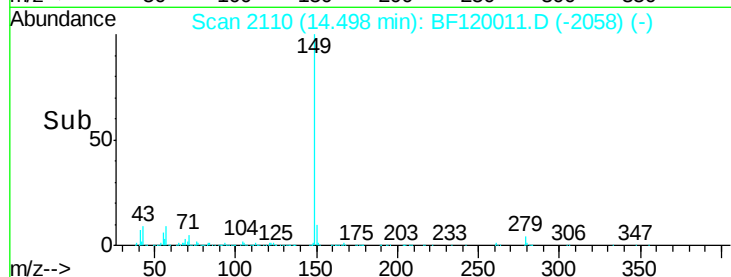
43 10.8 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.511 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

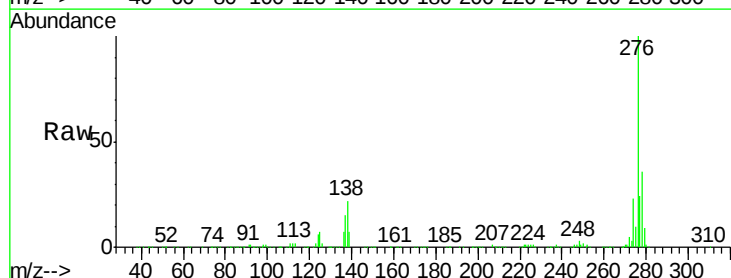
Tgt Ion:276 Resp: 1269807

Ion Ratio Lower Upper

276 100

138 25.0 18.0 27.0

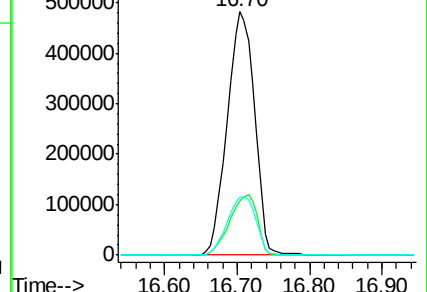
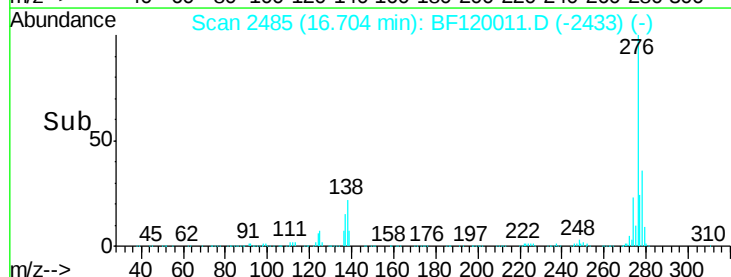
277 25.1 20.1 30.1

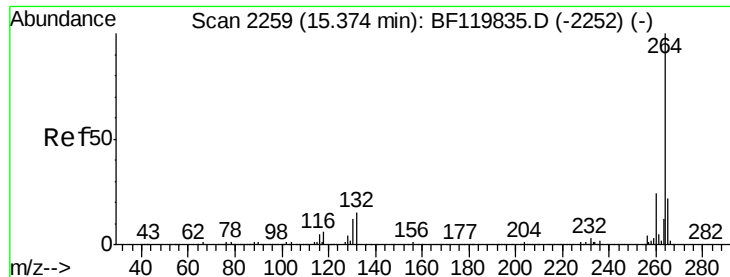


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



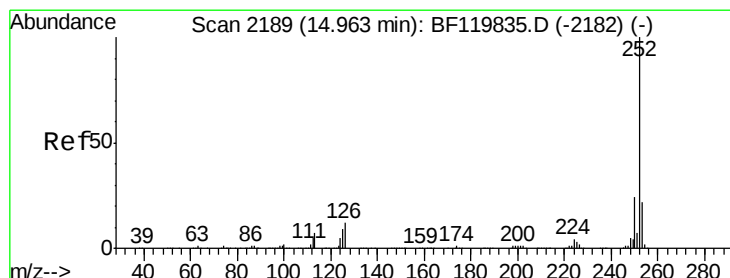
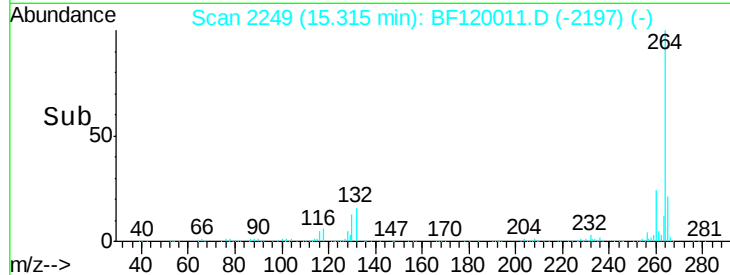
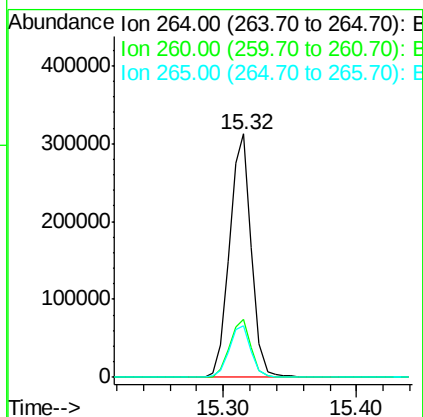
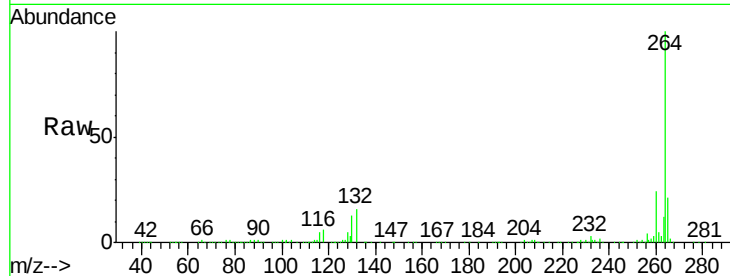


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

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

Tot Ion:264 Resp: 357457

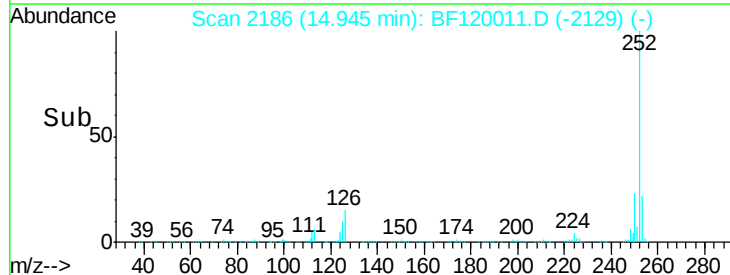
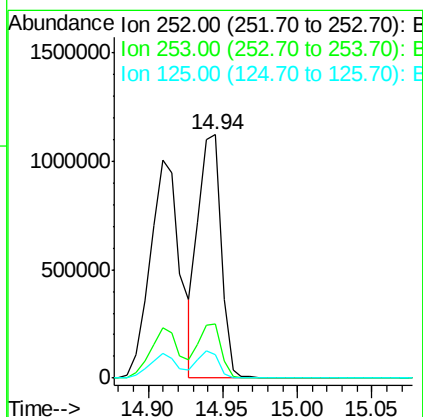
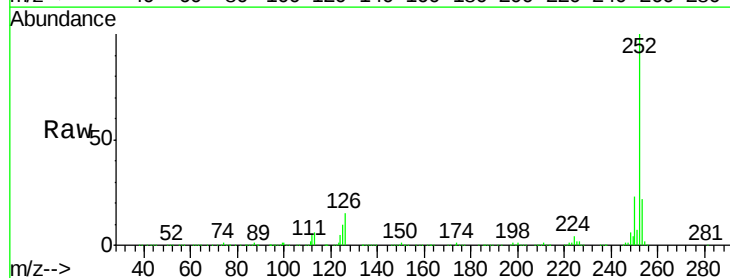
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.3	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 46.186 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.04 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion:252 Resp: 1187657

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.9	7.4	11.2

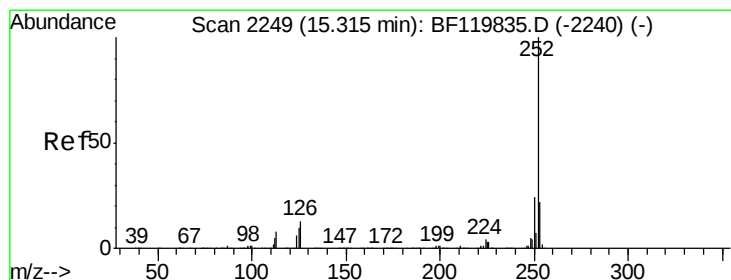
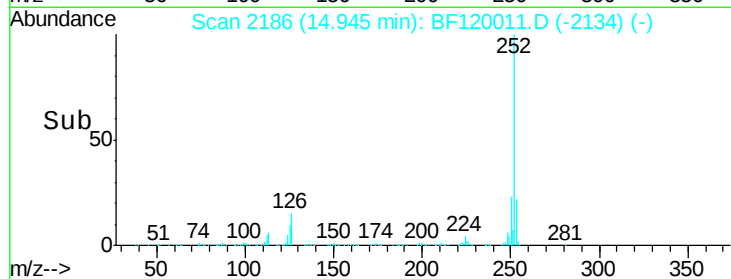
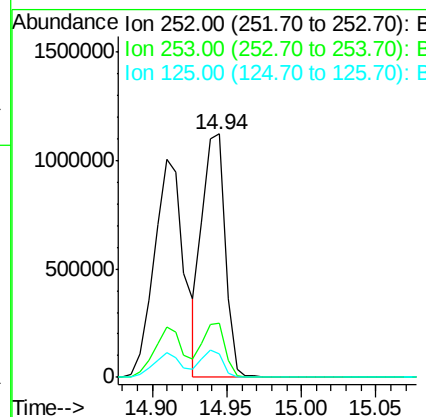
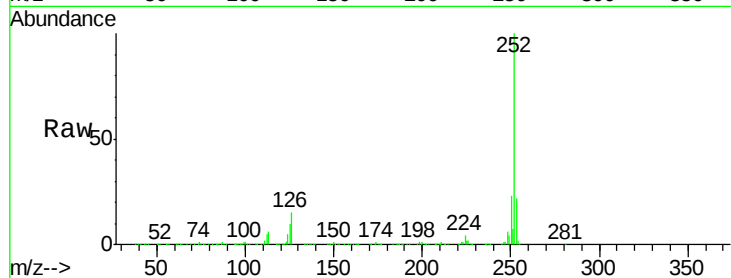




#89
Benzo(k)fluoranthene
Concen: 53.529 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

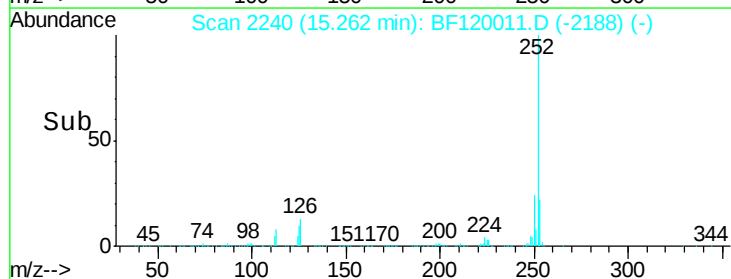
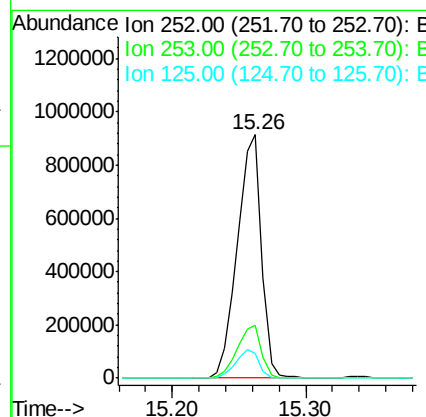
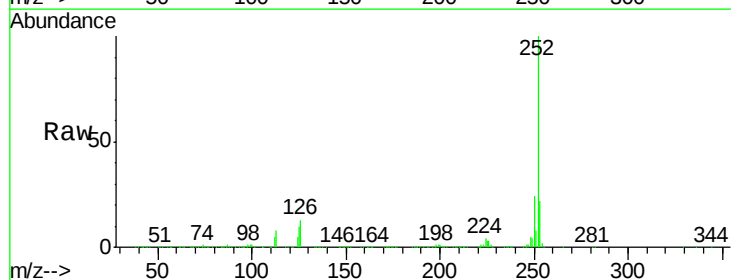
Instrument :
BNA_F
ClientSampleId :
TP-23-22-COMPMS

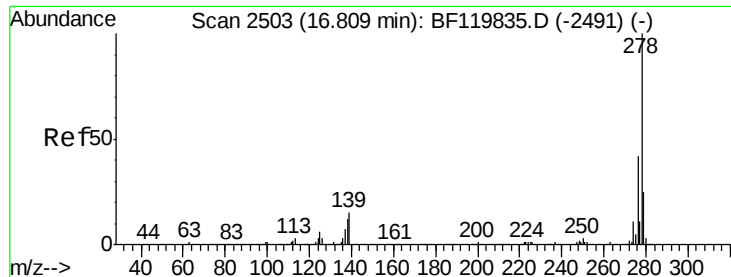
Tot Ion:252 Resp: 1187657
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 53.626 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF120011.D
Acq: 16 Apr 2020 00:10

Tgt Ion:252 Resp: 1159433
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 55.133 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

Instrument :

BNA_F

ClientSampleId :

TP-23-22-COMPMS

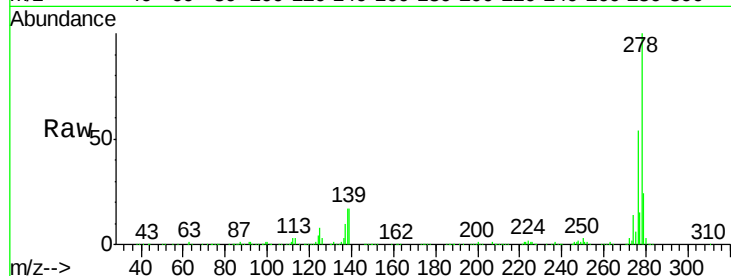
Tot Ion:278 Resp: 1055880

Ion Ratio Lower Upper

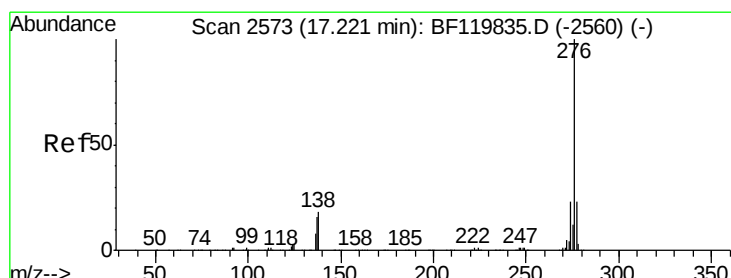
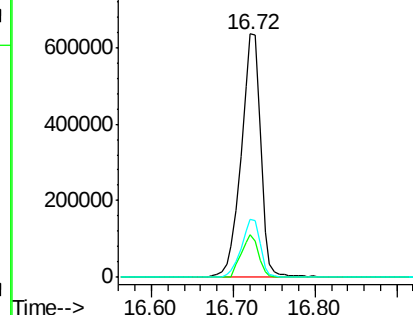
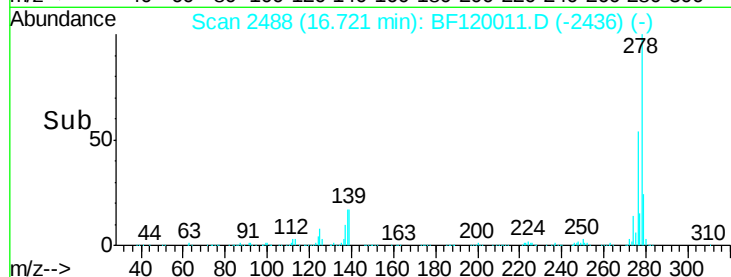
278 100

139 17.5 11.6 17.4#

279 23.9 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: 55.767 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.01 min

Lab File: BF120011.D

Acq: 16 Apr 2020 00:10

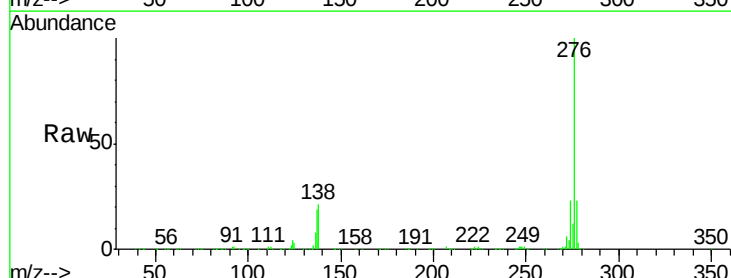
Tgt Ion:276 Resp: 1054255

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 20.8 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

