

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120225.D
 Acq On : 27 Apr 2020 18:05
 Operator : MA/SJ
 Sample : L2405-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 01:11:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132392	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	501308	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	257969	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	493722	20.00	ng	0.00
76) Chrysene-d12	13.83	240	332099	20.00	ng	-0.01
87) Perylene-d12	15.23	264	295804	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	219718	28.68	ng	0.00
7) Phenol-d6	6.32	99	183321	18.57	ng	-0.01
23) Nitrobenzene-d5	7.23	82	902506	93.14	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	196316	62.16	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1696855	93.39	ng	0.00
79) Terphenyl-d14	12.78	244	1885916	95.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	53900	15.797	ng	99
3) Pyridine	2.97	79	130385	13.928	ng	98
4) n-Nitrosodimethylamine	2.92	42	83965	17.554	ng	97
6) Aniline	6.32	93	362321	27.965	ng	96
8) 2-Chlorophenol	6.46	128	165322	19.314	ng	95
9) Benzaldehyde	6.21	77	207465	38.591	ng	98
10) Phenol	6.33	94	99853	8.916	ng	# 1
11) bis(2-Chloroethyl)ether	6.40	93	421151	48.706	ng	98
12) 1,3-Dichlorobenzene	6.60	146	414905	44.275	ng	98
13) 1,4-Dichlorobenzene	6.68	146	418657	43.858	ng	99
14) 1,2-Dichlorobenzene	6.83	146	398514	45.299	ng	100
15) Benzyl Alcohol	6.81	79	220698	28.785	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	722582	42.944	ng	71
17) 2-Methylphenol	6.94	107	148677	19.464	ng	# 73
18) Hexachloroethane	7.17	117	152972	42.879	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	316782	49.905	ng	98
20) 3+4-Methylphenols	7.09	107	159667	17.091	ng	# 83
22) Acetophenone	7.08	105	619558	52.778	ng	# 96
24) Nitrobenzene	7.25	77	469163	48.129	ng	99
25) Isophorone	7.49	82	860609	46.072	ng	99
26) 2-Nitrophenol	7.57	139	112391	23.078	ng	92
27) 2,4-Dimethylphenol	7.62	122	269387	36.676	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	542173	49.324	ng	98
29) 2,4-Dichlorophenol	7.82	162	165228	21.946	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	379530	44.490	ng	98
31) Naphthalene	7.97	128	1246576	47.263	ng	98
33) 4-Chloroaniline	8.03	127	412974	35.966	ng	97
34) Hexachlorobutadiene	8.09	225	209070	40.941	ng	98
35) Caprolactam	8.38	113	15547	6.751	ng	# 90
36) 4-Chloro-3-methylphenol	8.52	107	201082	24.669	ng	97
37) 2-Methylnaphthalene	8.66	142	853803	47.748	ng	99
38) 1-Methylnaphthalene	8.76	142	811984	48.177	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	381203	46.786	ng	100
41) Hexachlorocyclopentadiene	8.82	237	272323	58.777	ng	99

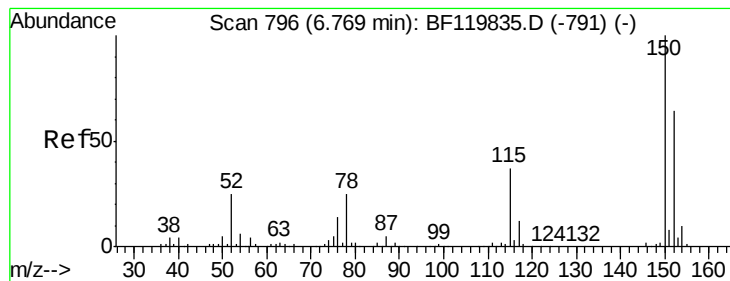
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120225.D
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 Operator : MA/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.95	196	121767	21.642	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	129283	20.401	ng	95
46) 1,1'-Biphenyl	9.13	154	1043744	47.935	ng	99
47) 2-Chloronaphthalene	9.15	162	810908	48.344	ng	99
48) 2-Nitroaniline	9.26	65	291895	48.021	ng	93
49) Acenaphthylene	9.57	152	1264136	49.556	ng	98
50) Dimethylphthalate	9.44	163	1148859	57.577	ng	100
51) 2,6-Dinitrotoluene	9.50	165	216533	49.556	ng	# 88
52) Acenaphthene	9.74	154	757650	44.525	ng	98
53) 3-Nitroaniline	9.67	138	195251	39.126	ng	96
54) 2,4-Dinitrophenol	9.77	184	50264	19.214	ng	# 87
55) Dibenzofuran	9.91	168	1156147	49.512	ng	99
56) 4-Nitrophenol	9.86	139	32821	8.839	ng	98
57) 2,4-Dinitrotoluene	9.90	165	282549	49.080	ng	97
58) Fluorene	10.26	166	905255	48.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	102903	21.232	ng	98
60) Diethylphthalate	10.13	149	995539	48.139	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	437062	45.663	ng	98
62) 4-Nitroaniline	10.28	138	228334	48.011	ng	98
63) Azobenzene	10.41	77	931222	50.245	ng	97
65) 4,6-Dinitro-2-methylphenol	10.31	198	50851	15.634	ng	79
66) n-Nitrosodiphenylamine	10.37	169	817467	49.785	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	271476	44.215	ng	93
68) Hexachlorobenzene	10.80	284	289508	46.480	ng	93
69) Atrazine	10.90	200	253366	55.459	ng	99
70) Pentachlorophenol	11.00	266	101732	28.342	ng	98
71) Phenanthrene	11.22	178	1307413	49.756	ng	99
72) Anthracene	11.27	178	1354935	50.477	ng	98
73) Carbazole	11.43	167	1247204	49.132	ng	98
74) Di-n-butylphthalate	11.76	149	1589951	47.645	ng	99
75) Fluoranthene	12.40	202	1406658	49.614	ng	97
77) Benzidine	12.53	184	838429	74.687	ng	98
78) Pyrene	12.63	202	1390021	49.650	ng	97
80) Butylbenzylphthalate	13.26	149	652516	48.032	ng	96
81) Benzo(a)anthracene	13.82	228	1058345	48.442	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	367993	45.142	ng	99
83) Chrysene	13.86	228	1063727	47.918	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	868982	47.236	ng	99
85) Di-n-octyl phthalate	14.43	149	1464236	46.746	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	1008596	51.542	ng	99
88) Benzo(b)fluoranthene	14.84	252	988086	46.434	ng	99
89) Benzo(k)fluoranthene	14.87	252	942234	51.319	ng	99
90) Benzo(a)pyrene	15.18	252	863433	48.259	ng	97
91) Dibenzo(a,h)anthracene	16.61	278	852979	53.821	ng	99
92) Benzo(g,h,i)perylene	17.00	276	839821	53.684	ng	97

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

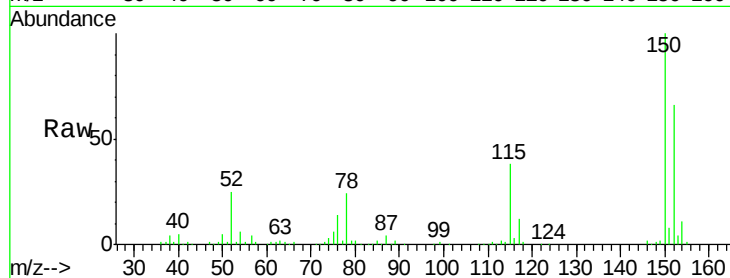


#1

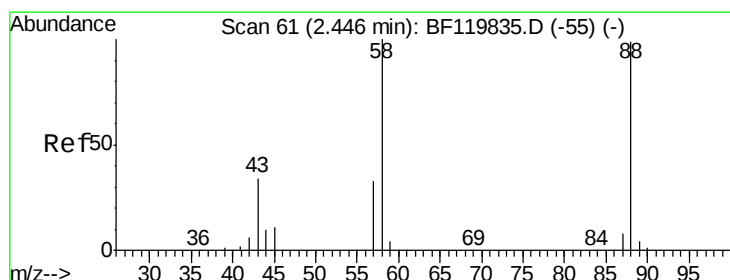
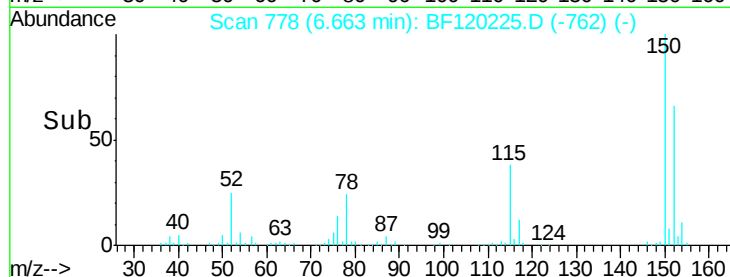
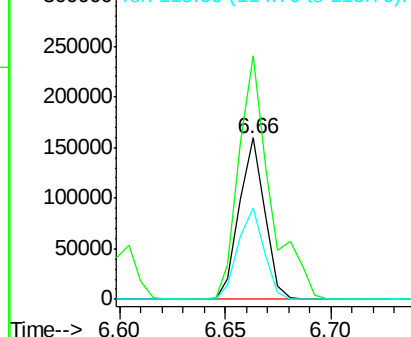
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132392
Ion Ratio Lower Upper
152 100
150 151.0 124.5 186.7
115 57.0 49.6 74.4



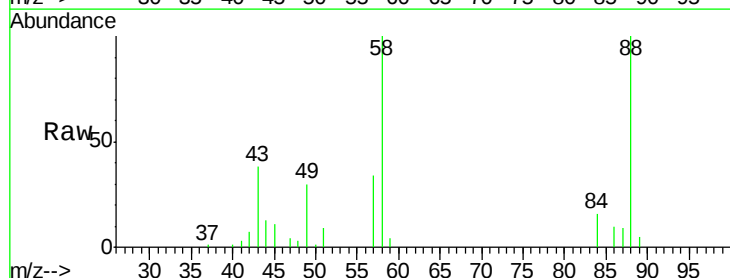
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



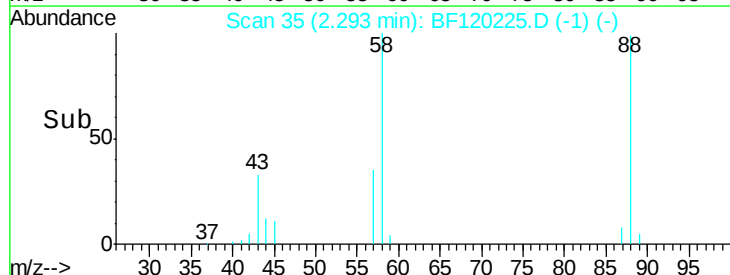
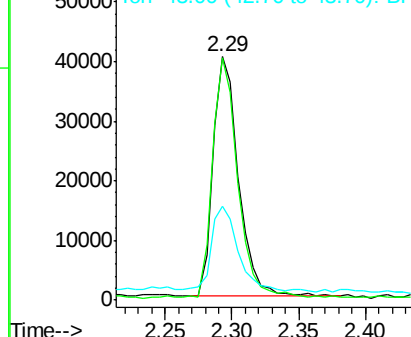
#2

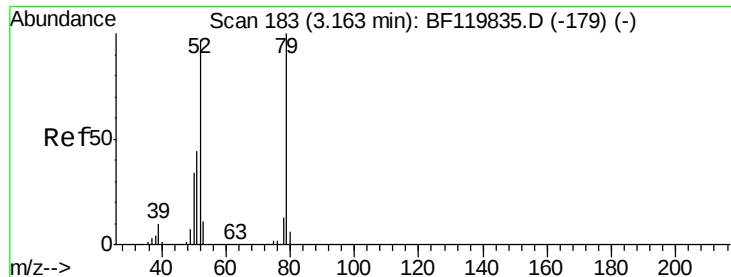
1,4-Dioxane
Concen: 15.797 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.02 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion: 88 Resp: 53900
Ion Ratio Lower Upper
88 100
58 100.5 80.6 121.0
43 36.7 27.5 41.3



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: 13.928 ng

RT: 2.97 min Scan# 151

Delta R.T. 0.02 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

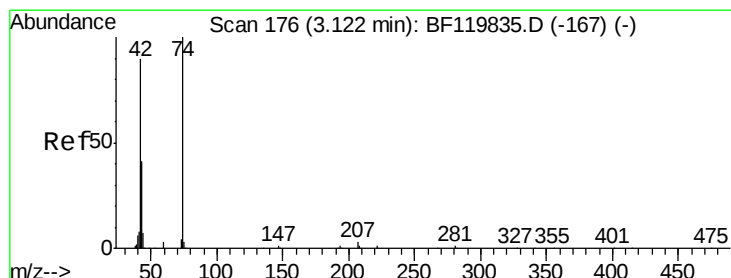
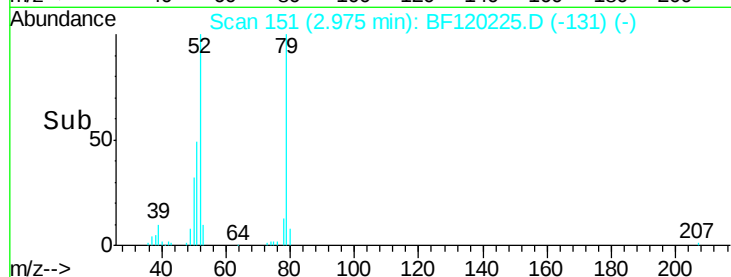
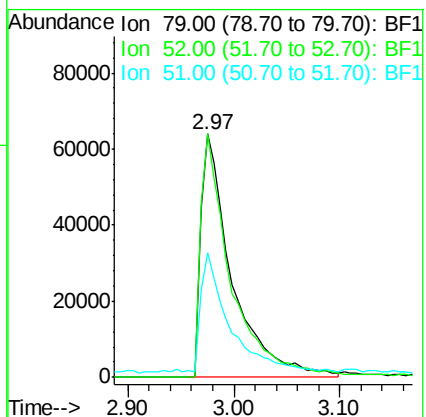
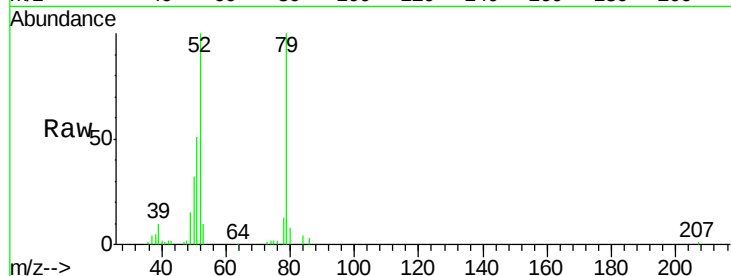
Tot Ion: 79 Resp: 130385

Ion Ratio Lower Upper

79 100

52 100.1 80.2 120.2

51 51.5 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 17.554 ng

RT: 2.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

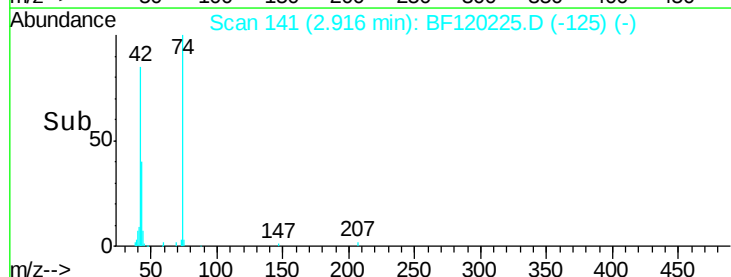
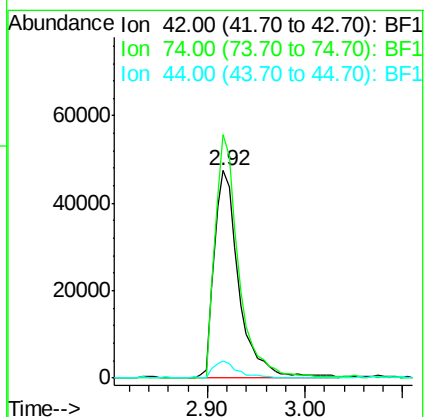
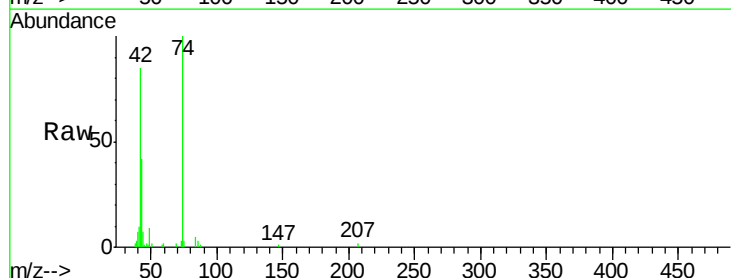
Tgt Ion: 42 Resp: 83965

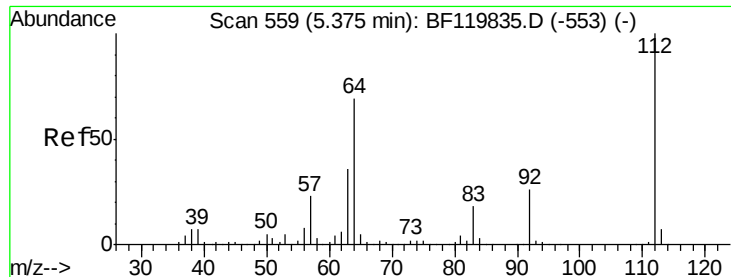
Ion Ratio Lower Upper

42 100

74 117.3 91.5 137.3

44 8.2 6.2 9.4





#5

2-Fluorophenol

Concen: 28.681 ng

RT: 5.27 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

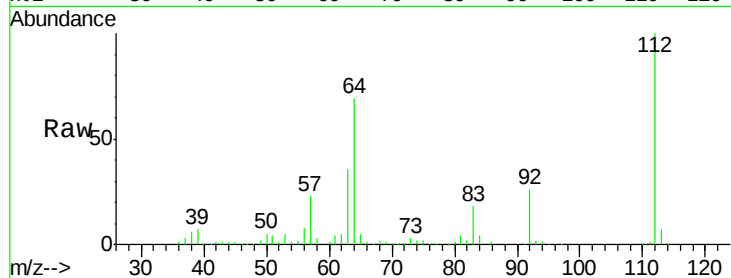
Tot Ion: 112 Resp: 219718

Ion Ratio Lower Upper

112 100

64 68.7 56.7 85.1

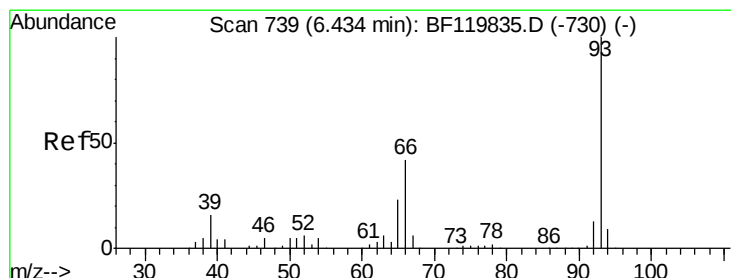
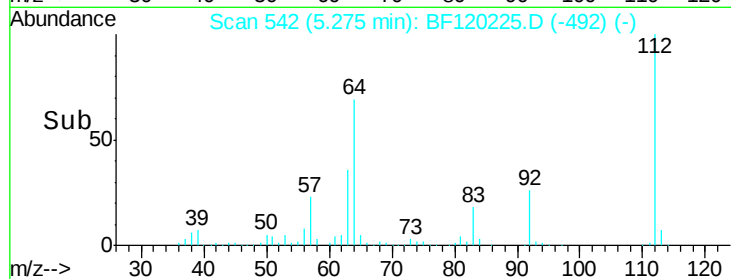
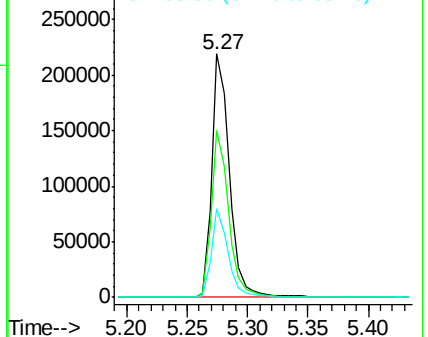
63 36.3 29.5 44.3



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: 27.965 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

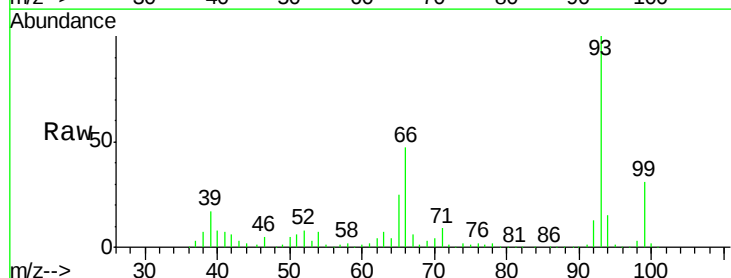
Tgt Ion: 93 Resp: 362321

Ion Ratio Lower Upper

93 100

66 46.5 34.9 52.3

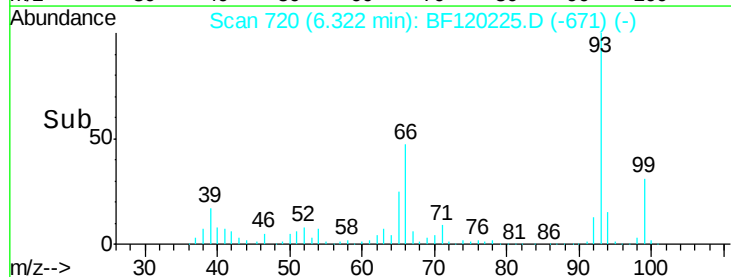
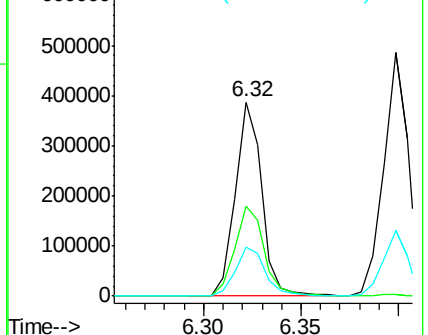
65 25.3 18.6 27.8

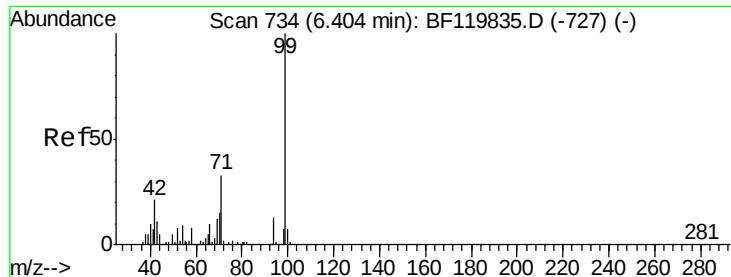


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 18.571 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

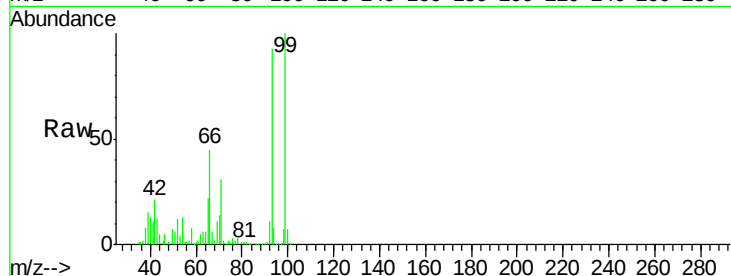
Tot Ion: 99 Resp: 183321

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

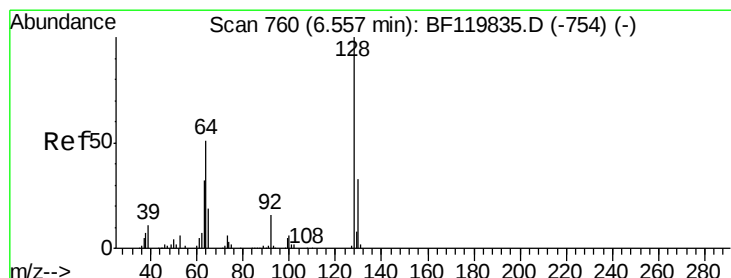
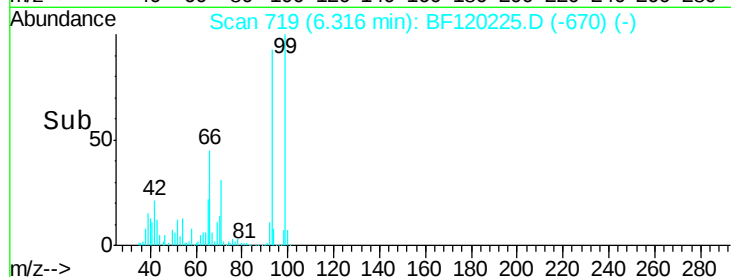
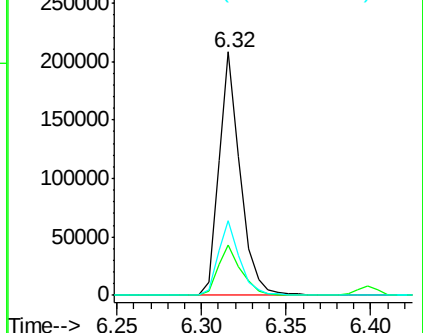
71 30.9 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 19.314 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

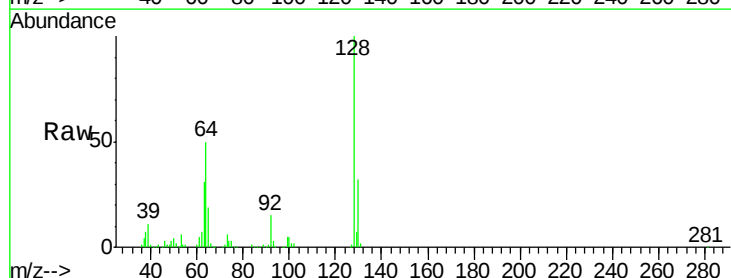
Tgt Ion: 128 Resp: 165322

Ion Ratio Lower Upper

128 100

130 31.8 12.6 52.6

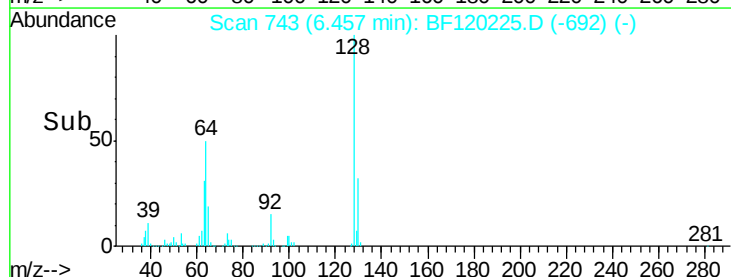
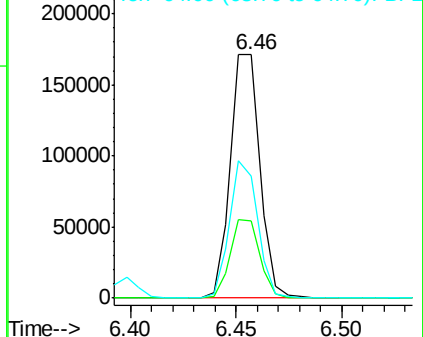
64 50.4 35.3 75.3

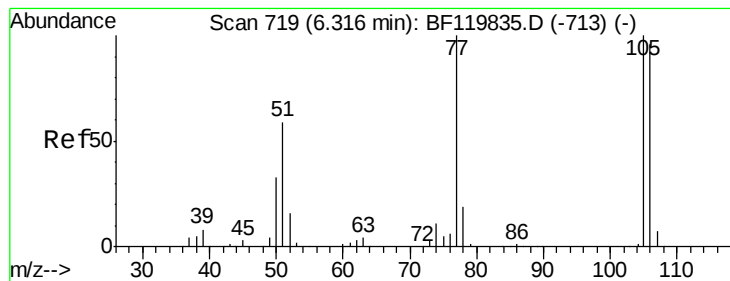


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.591 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

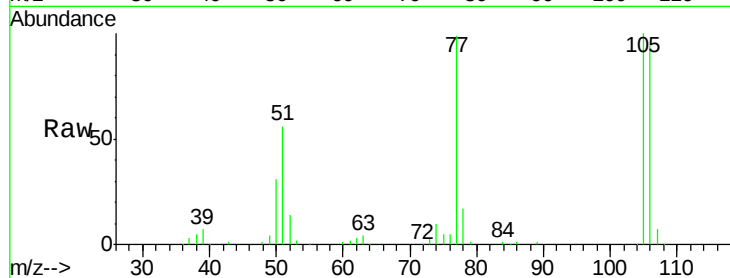
Tot Ion: 77 Resp: 207465

Ion Ratio Lower Upper

77 100

105 101.5 80.9 120.9

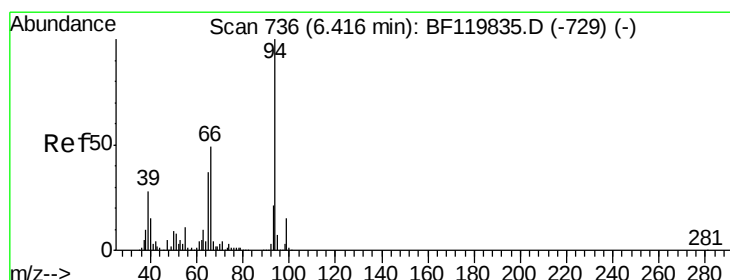
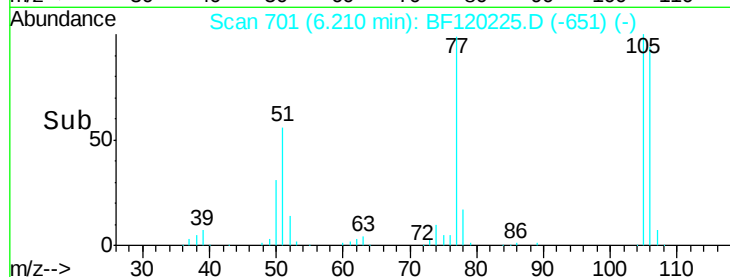
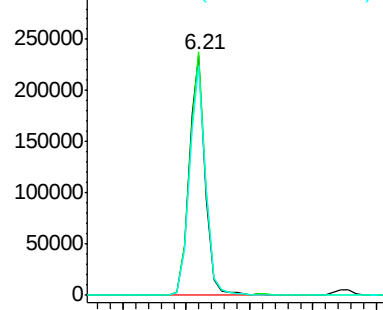
106 95.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.916 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

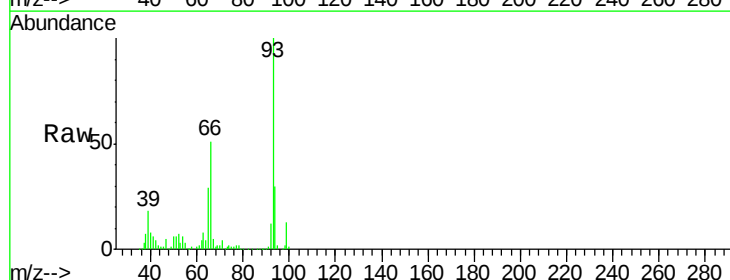
Tgt Ion: 94 Resp: 99853

Ion Ratio Lower Upper

94 100

65 95.3 13.2 53.2#

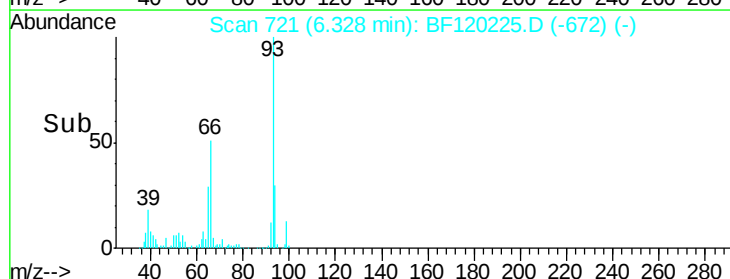
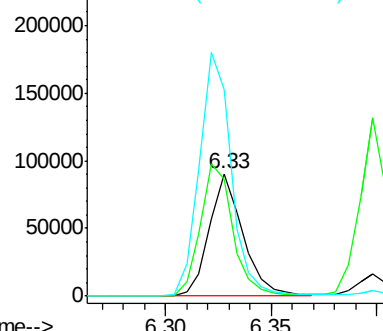
66 168.7 22.3 62.3#

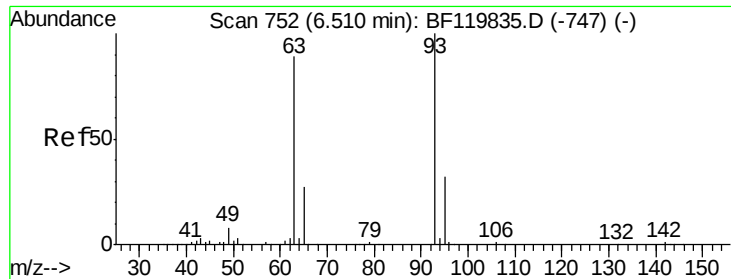


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.706 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

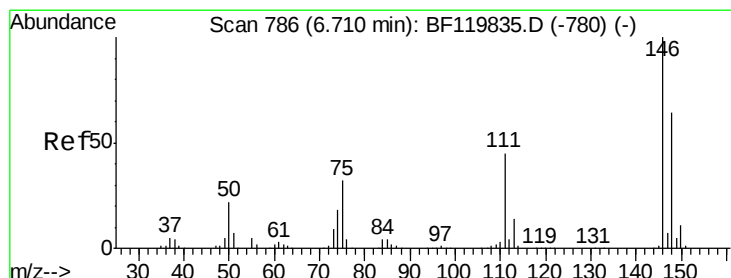
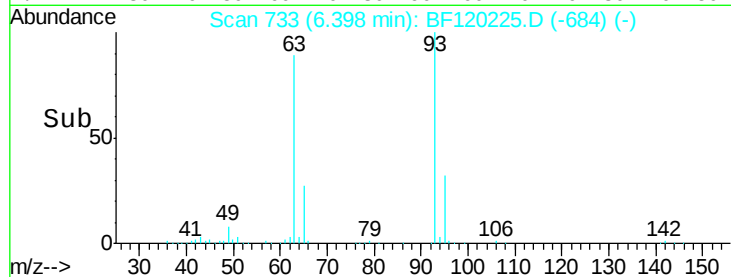
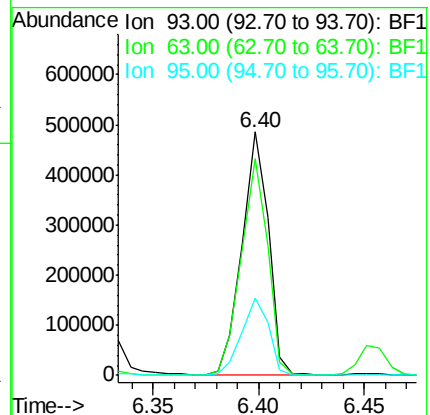
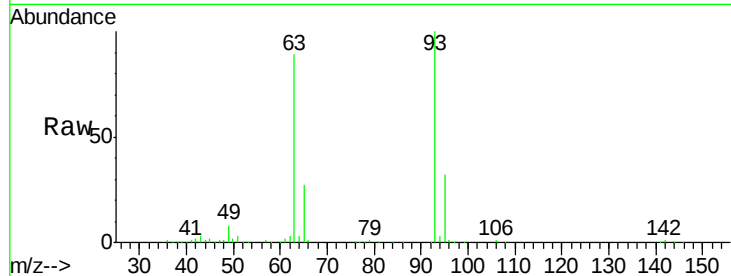
Tot Ion: 93 Resp: 421151

Ion Ratio Lower Upper

93 100

63 89.1 70.2 110.2

95 31.7 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 44.275 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

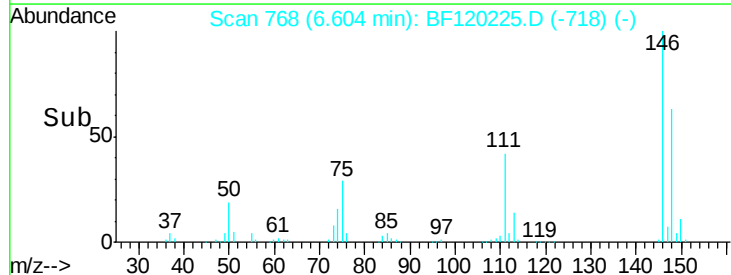
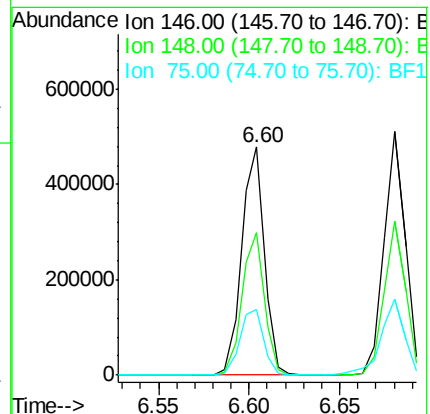
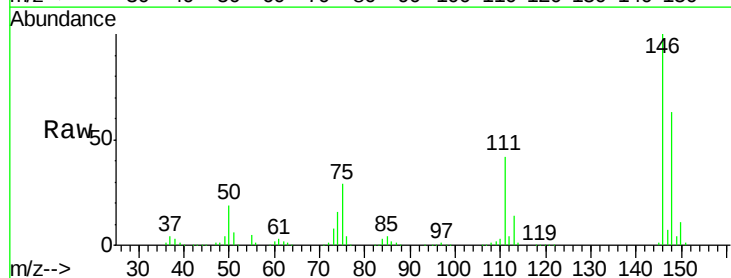
Tgt Ion: 146 Resp: 414905

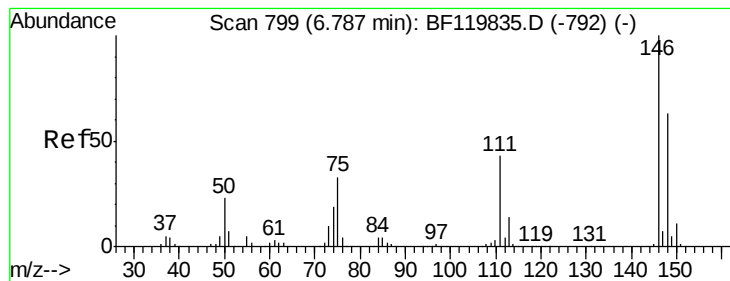
Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.4

75 29.0 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 43.858 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

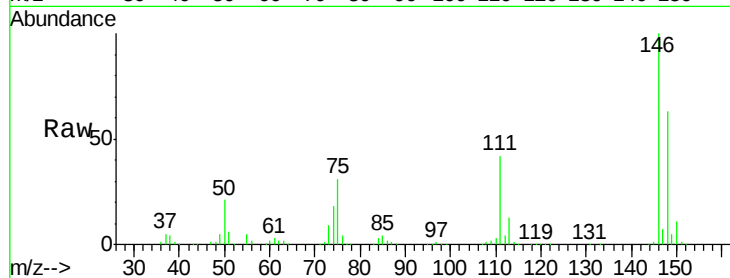
Tot Ion:146 Resp: 418657

Ion Ratio Lower Upper

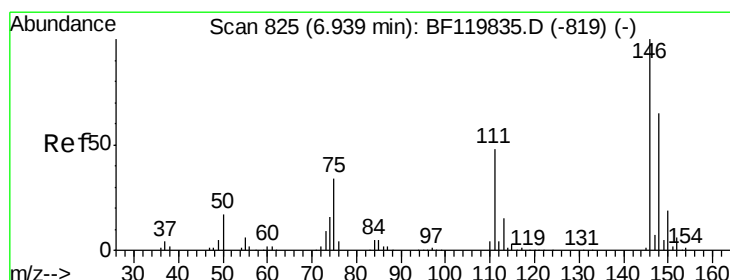
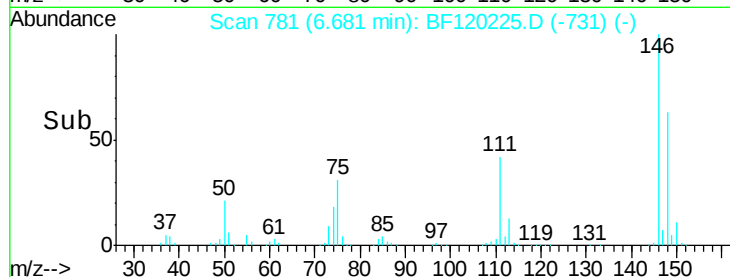
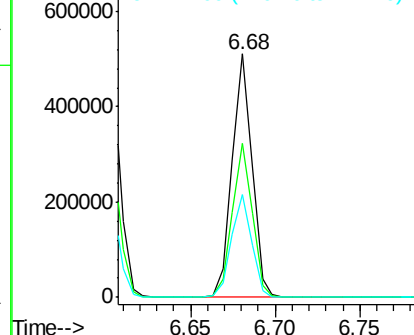
146 100

148 63.1 51.5 77.3

111 42.4 33.3 49.9



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: 45.299 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

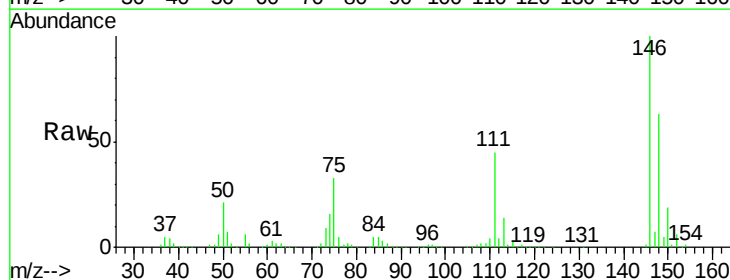
Tgt Ion:146 Resp: 398514

Ion Ratio Lower Upper

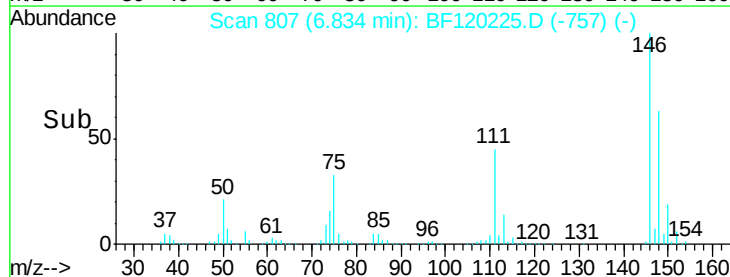
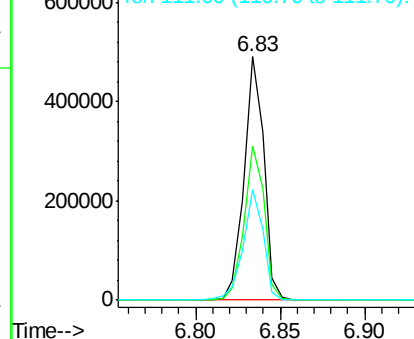
146 100

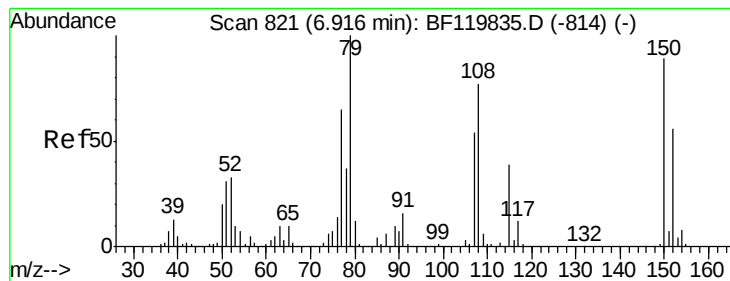
148 63.1 50.6 75.8

111 45.4 36.1 54.1



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





#15

Benzyl Alcohol

Concen: 28.785 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

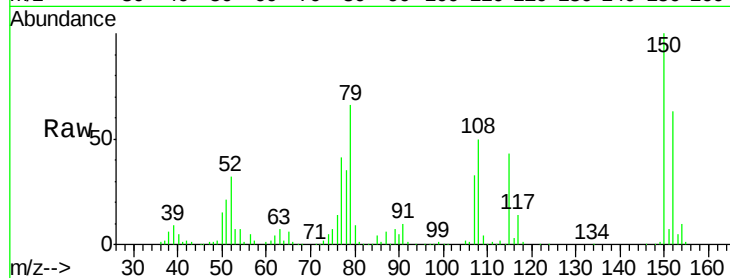
Tot Ion: 79 Resp: 220698

Ion Ratio Lower Upper

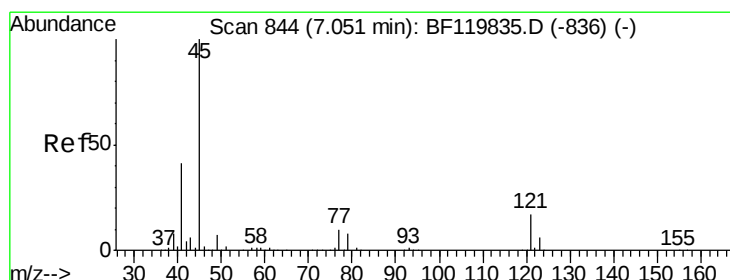
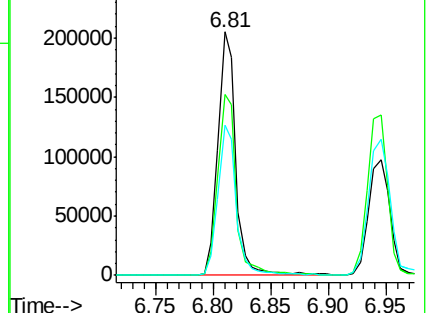
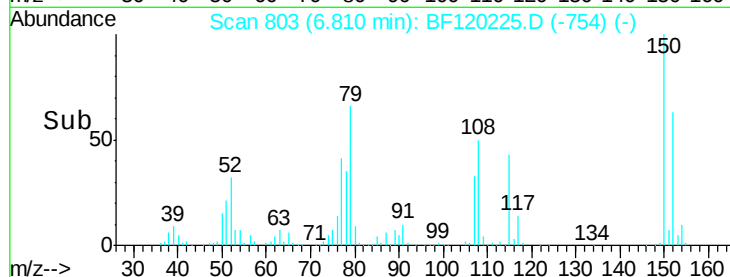
79 100

108 74.5 60.6 90.8

77 61.9 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.944 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

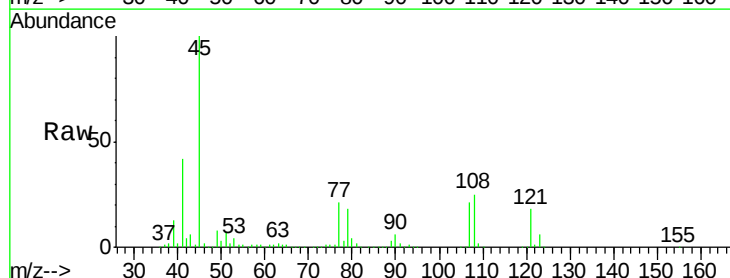
Tgt Ion: 45 Resp: 722582

Ion Ratio Lower Upper

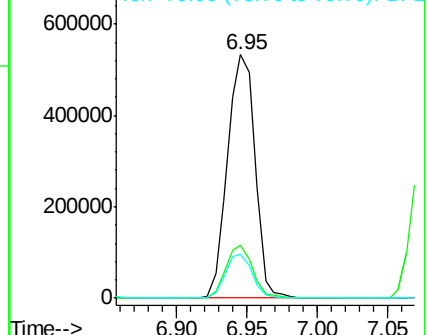
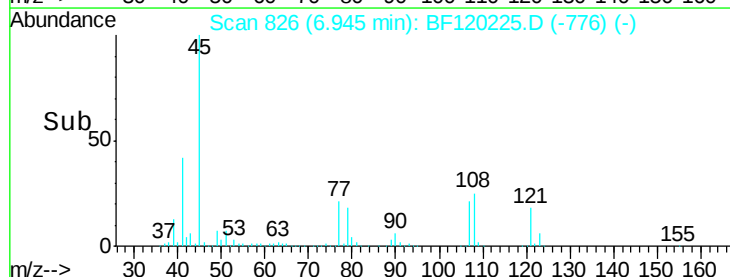
45 100

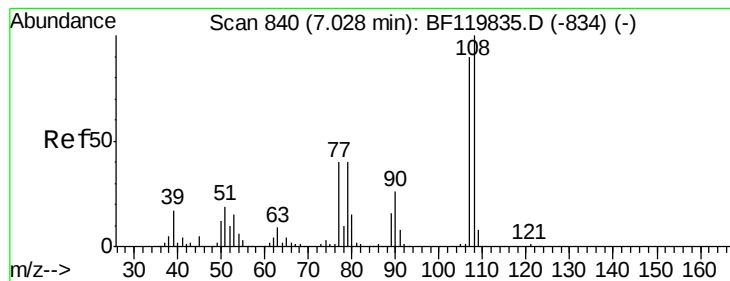
77 21.5 0.0 30.7

79 18.3 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 19.464 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 148677

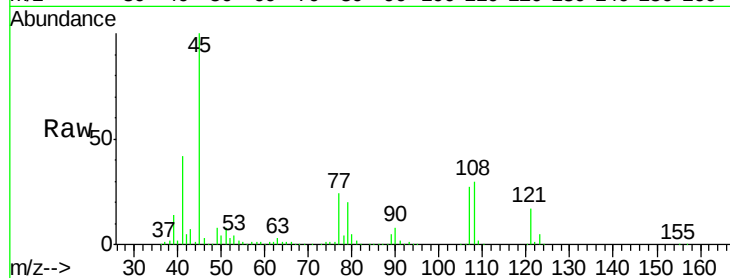
Ion Ratio Lower Upper

107 100

108 109.7 92.2 138.4

77 87.6 36.6 54.8#

79 74.7 36.2 54.4#

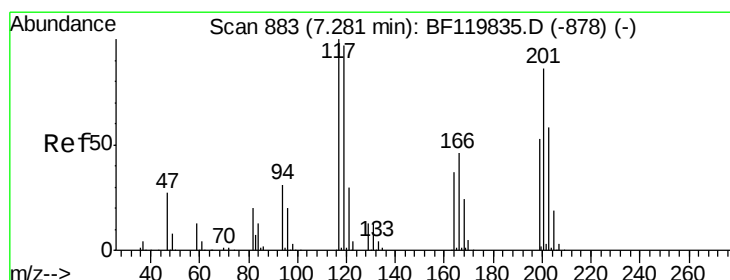
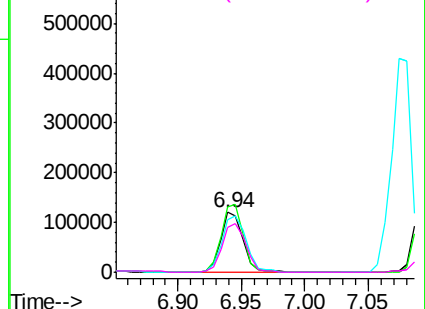
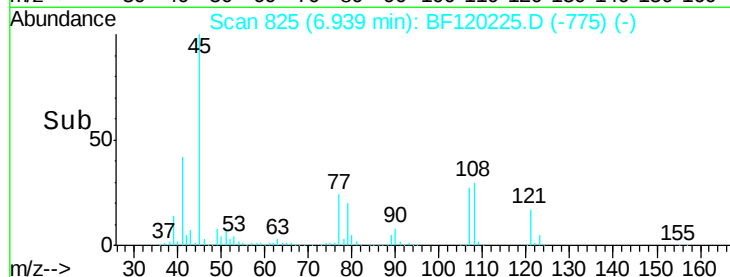


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.879 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

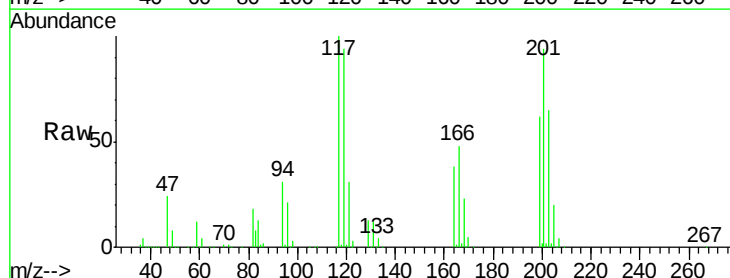
Tgt Ion:117 Resp: 152972

Ion Ratio Lower Upper

117 100

119 93.8 76.1 114.1

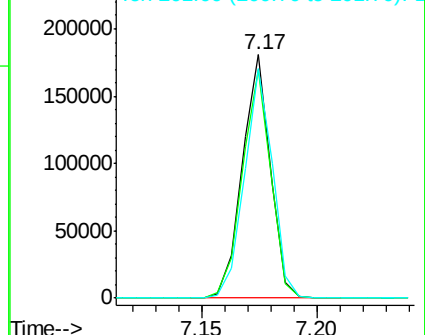
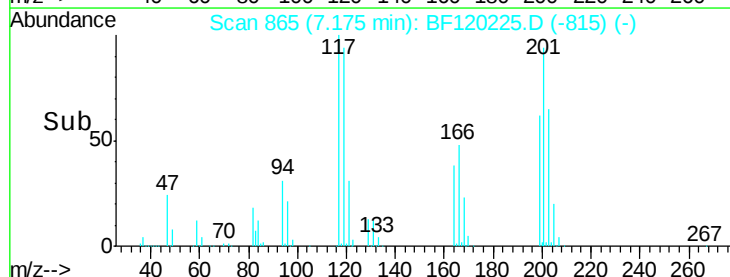
201 94.3 73.0 109.6



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

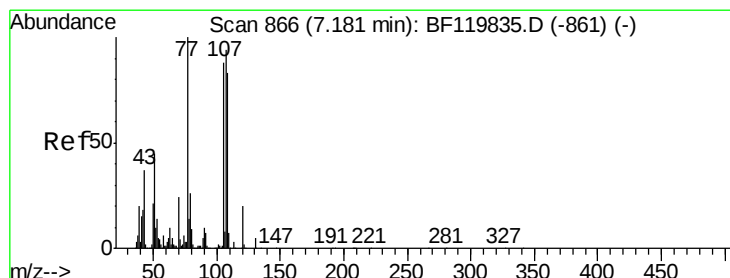
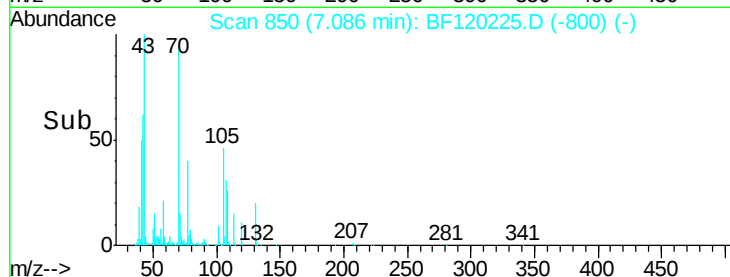
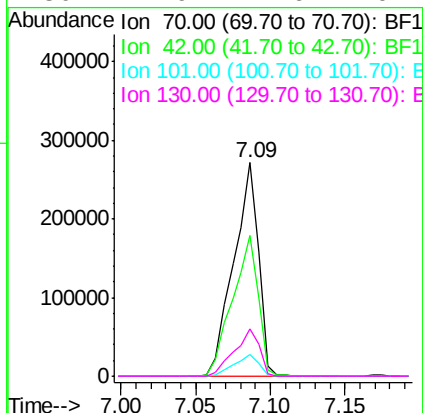
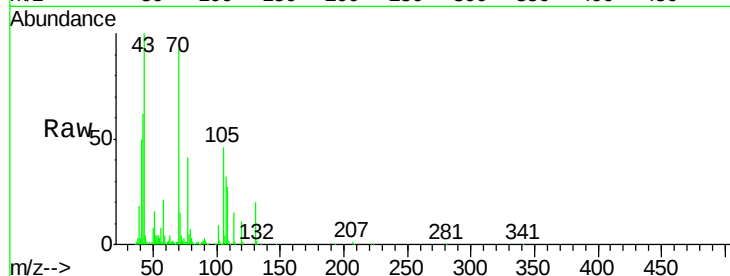




#19
n-Nitroso-di-n-propylamine
Concen: 49.905 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

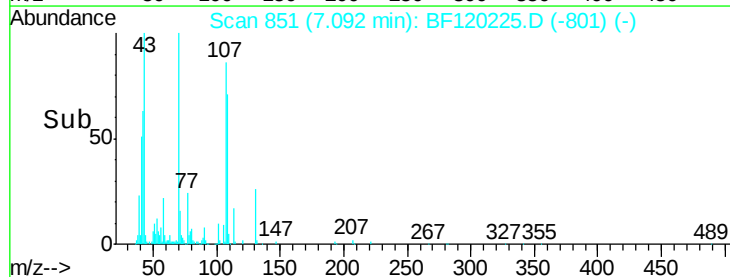
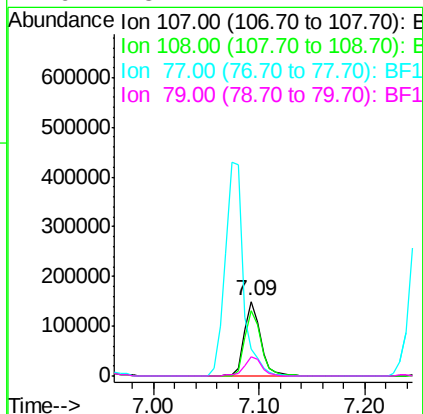
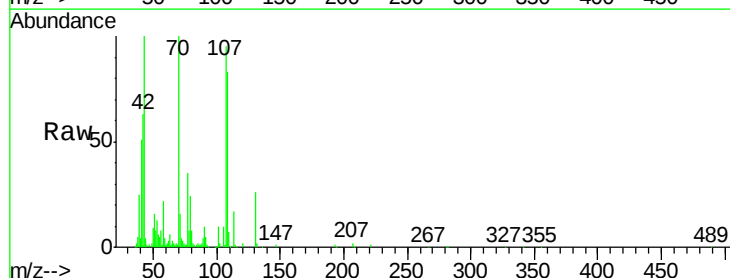
Instrument :
BNA_F
ClientSampleId :

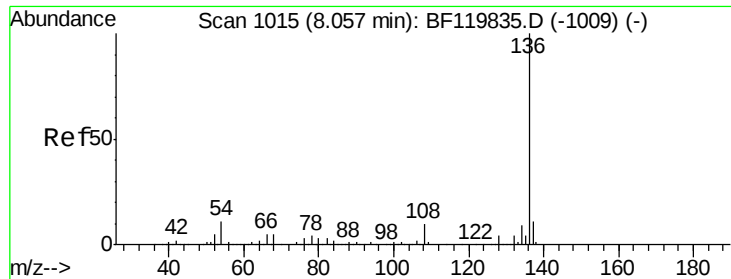
Tot Ion:	70	Resp:	316782
Ion	Ratio	Lower	Upper
70	100		
42	66.1	54.5	81.7
101	10.1	7.6	11.4
130	21.9	17.6	26.4



#20
3+4-Methylphenols
Concen: 17.091 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:	107	Resp:	159667
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.9	107.9
77	36.7	52.9	92.9#
79	25.4	7.7	47.7

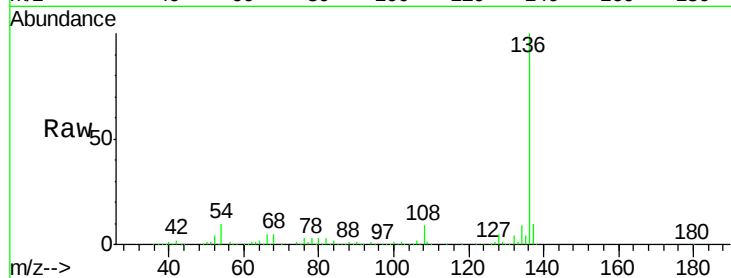




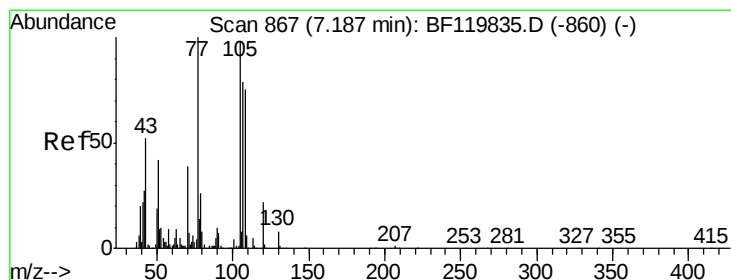
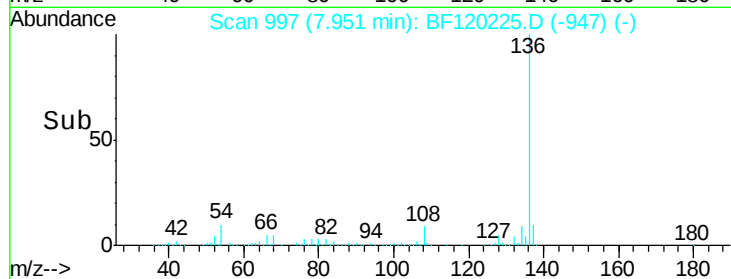
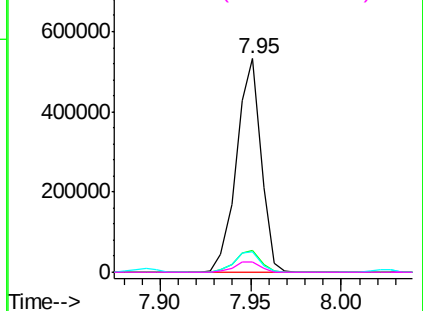
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	501308
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	9.7	9.1 13.7
68	4.9	4.6 6.8

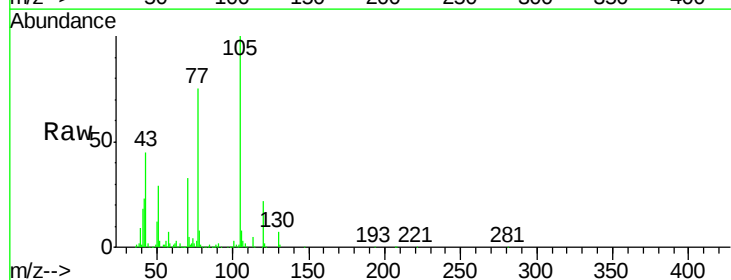


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

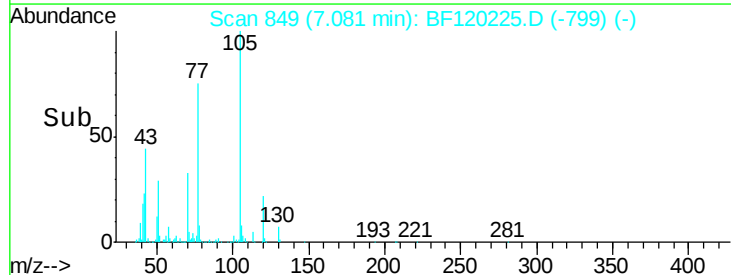
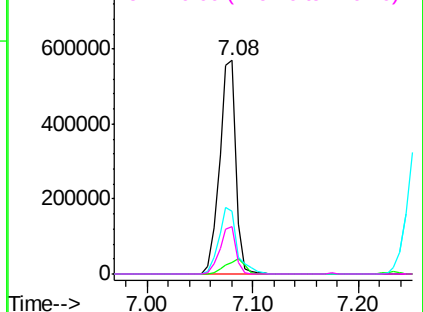


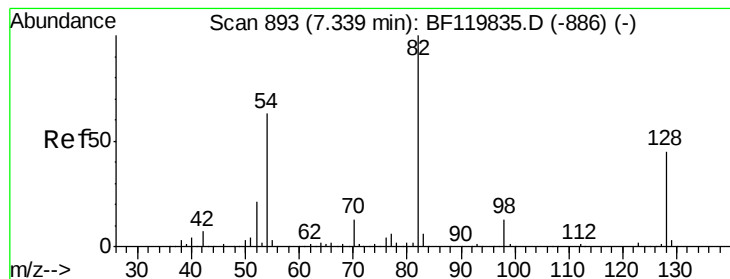
#22
Acetophenone
Concen: 52.778 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:105	Resp:	619558
Ion Ratio	Lower	Upper
105	100	
71	5.5	5.7 8.5#
51	29.4	26.2 39.4
120	22.3	18.3 27.5



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: 93.136 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

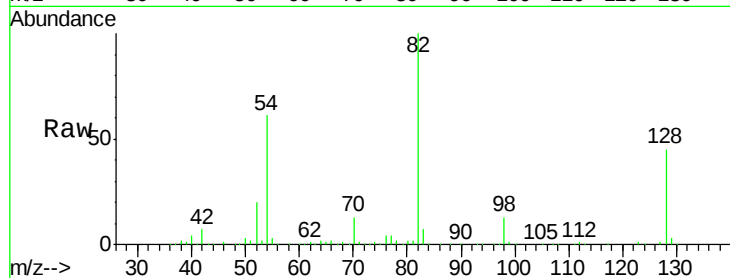
Tot Ion: 82 Resp: 902506

Ion Ratio Lower Upper

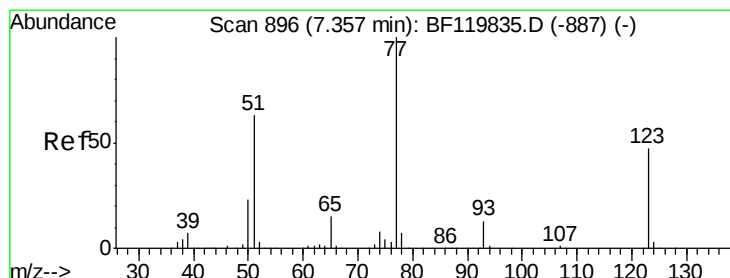
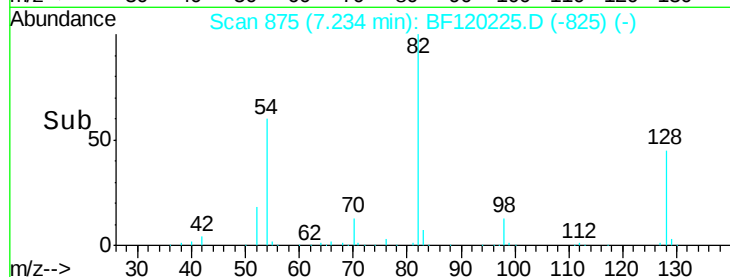
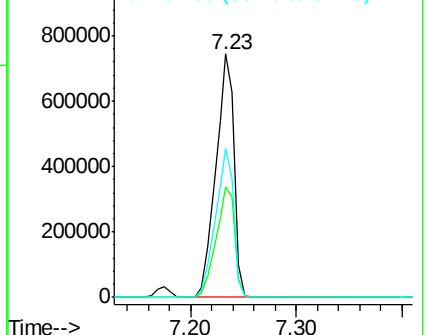
82 100

128 45.3 36.3 54.5

54 61.3 50.6 75.8



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



#24

Nitrobenzene

Concen: 48.129 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

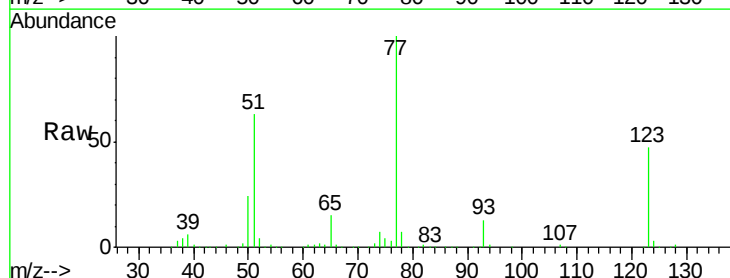
Tgt Ion: 77 Resp: 469163

Ion Ratio Lower Upper

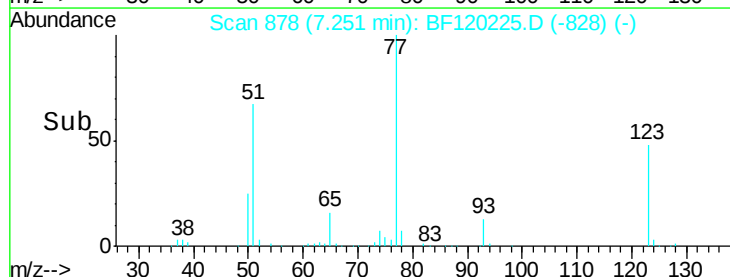
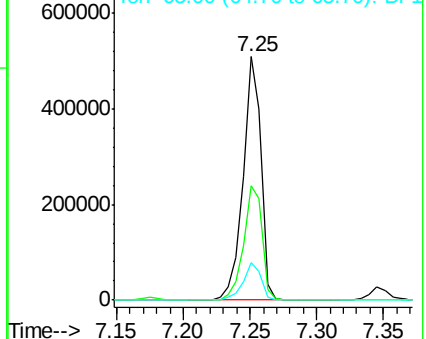
77 100

123 47.1 38.0 57.0

65 15.3 12.6 18.8



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: 46.072 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

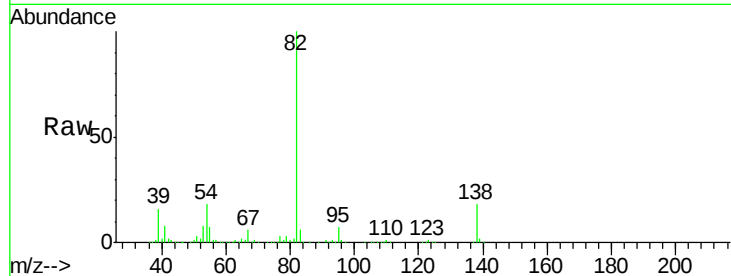
Tot Ion: 82 Resp: 860609

Ion Ratio Lower Upper

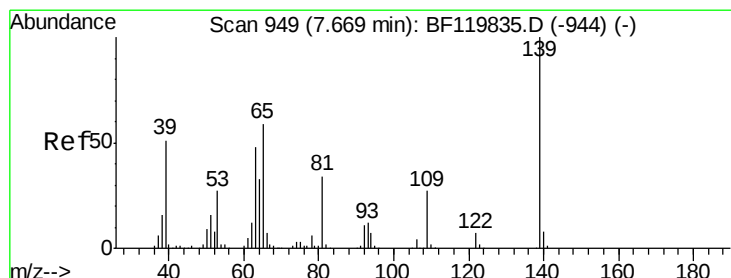
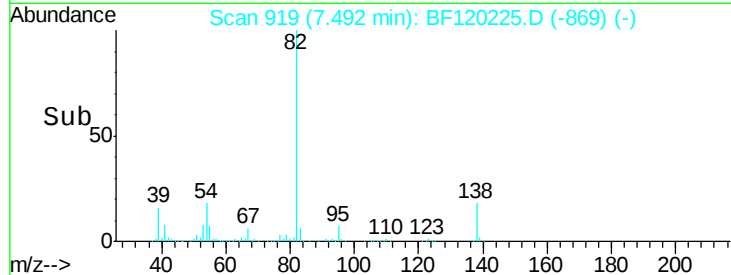
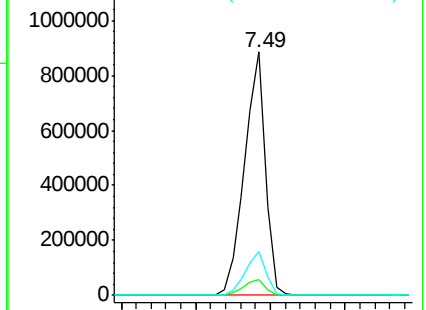
82 100

95 6.7 5.8 8.6

138 18.0 14.6 21.8



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: 23.078 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

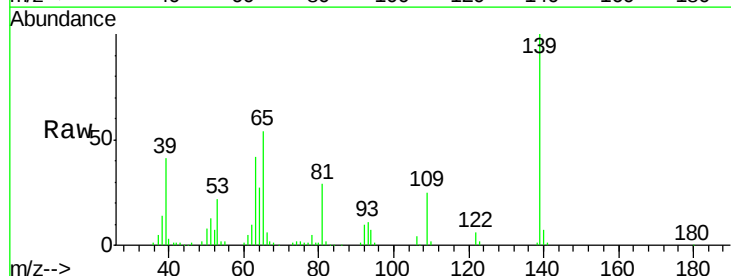
Tgt Ion: 139 Resp: 112391

Ion Ratio Lower Upper

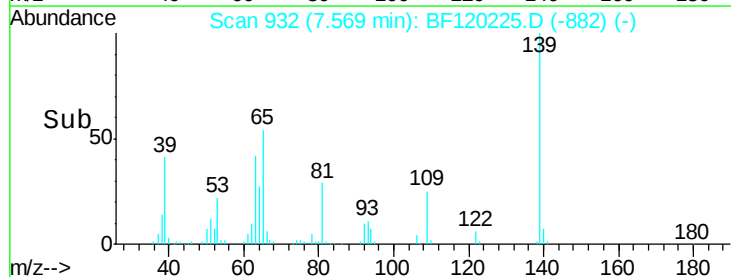
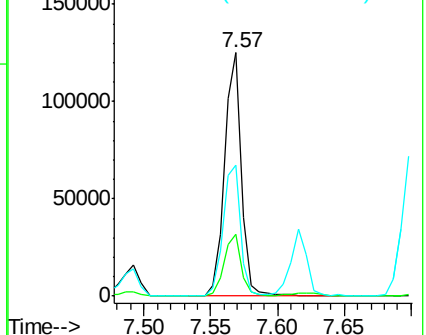
139 100

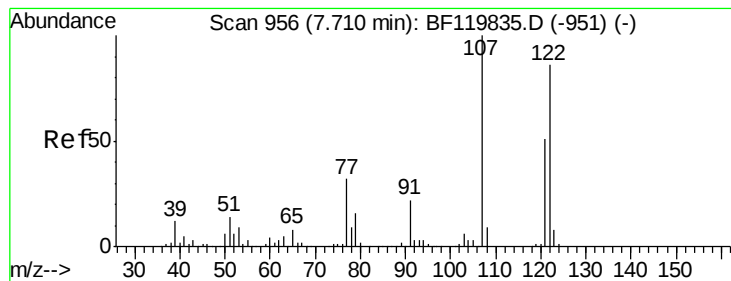
109 25.5 22.1 33.1

65 54.0 49.2 73.8



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: 36.676 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

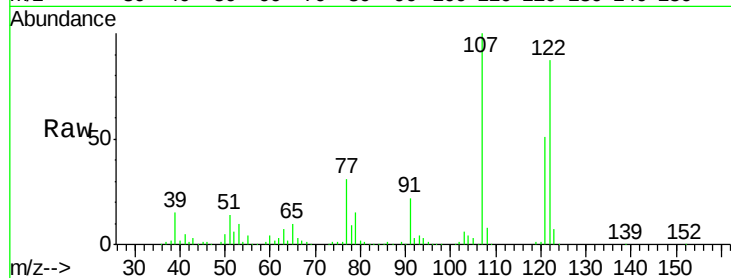
Tot Ion:122 Resp: 269387

Ion Ratio Lower Upper

122 100

107 114.8 89.0 133.6

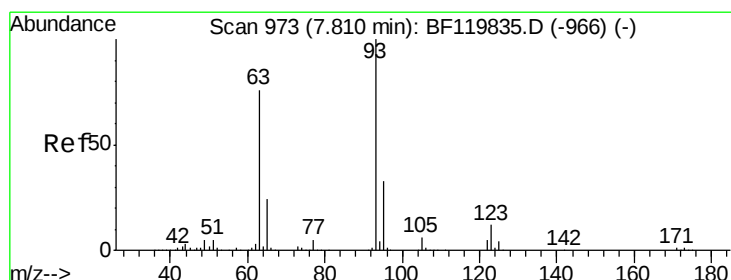
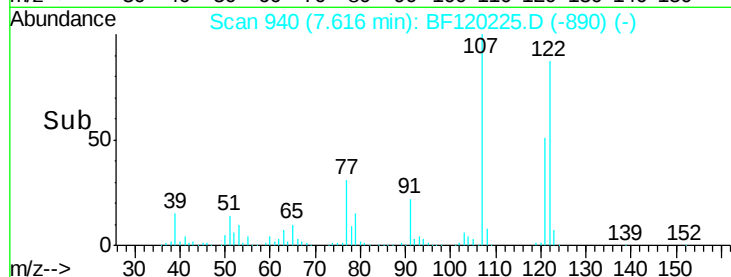
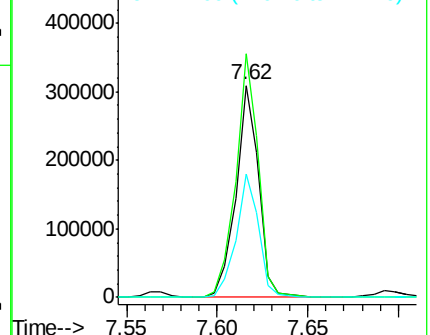
121 58.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.324 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

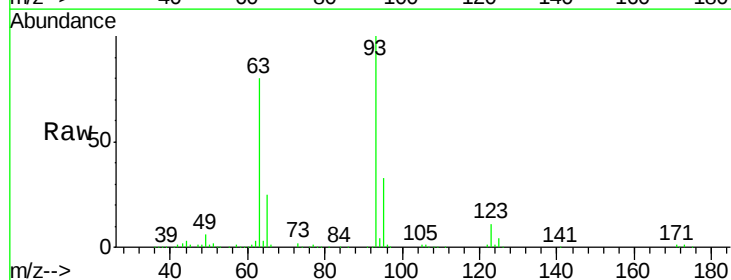
Tgt Ion: 93 Resp: 542173

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

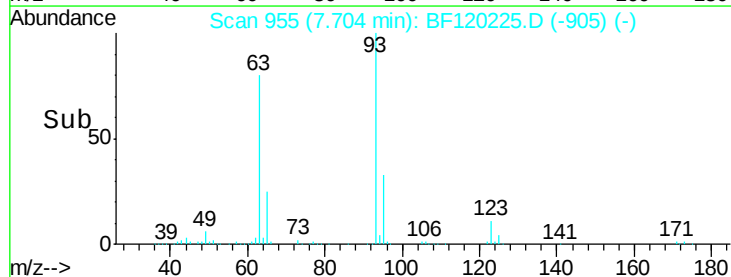
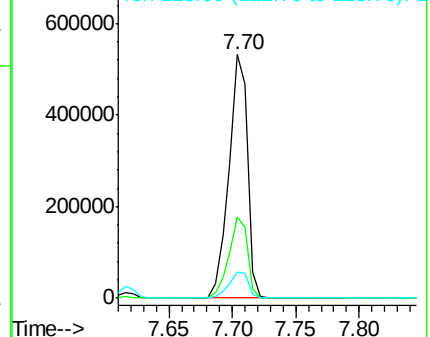
123 10.8 9.7 14.5

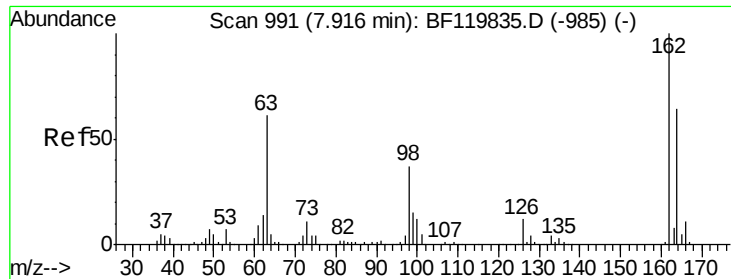


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

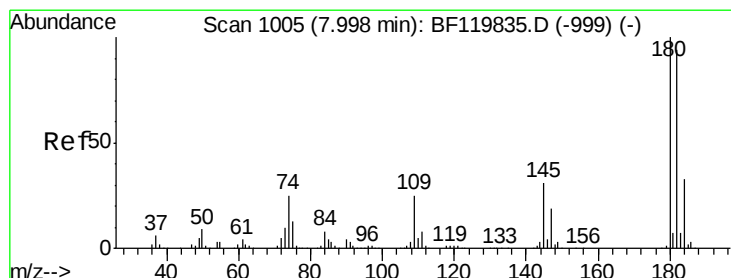
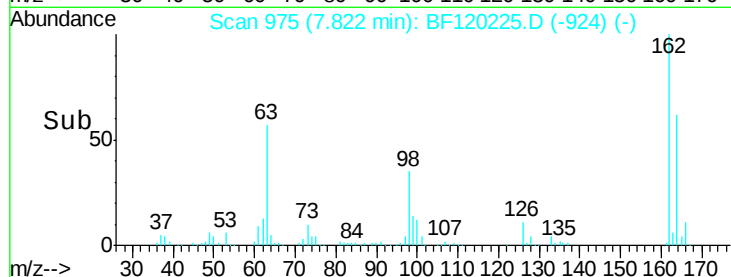
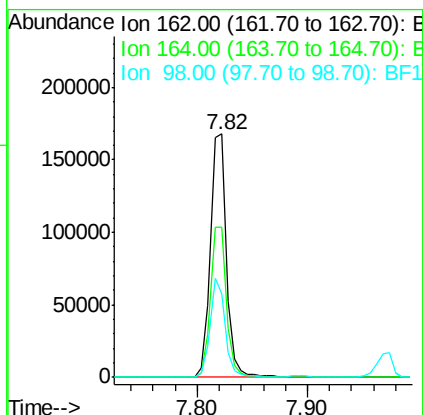
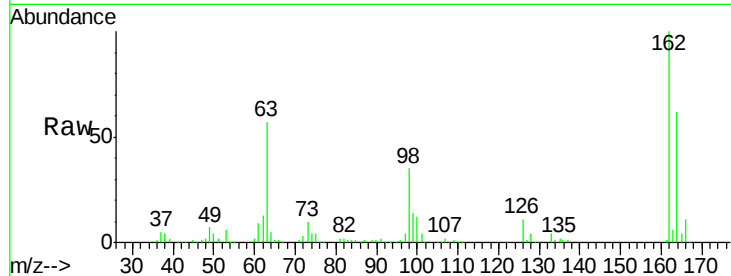




#29
 2,4-Dichlorophenol
 Concen: 21.946 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

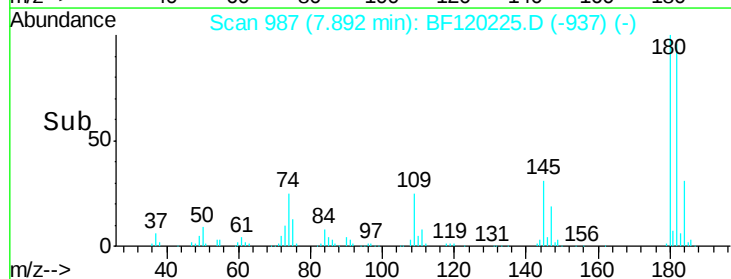
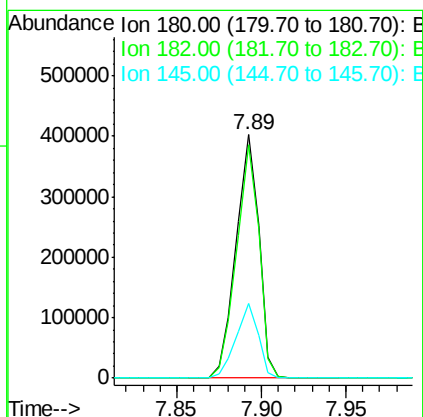
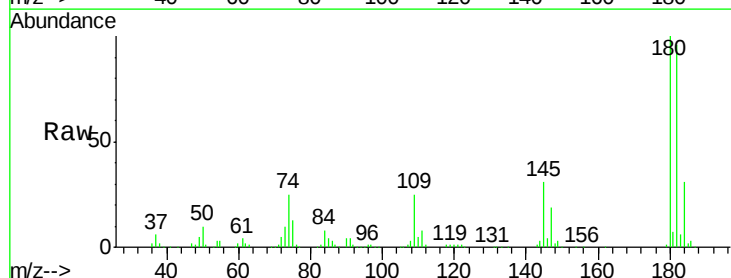
Instrument :
 BNA_F
 ClientSampled :

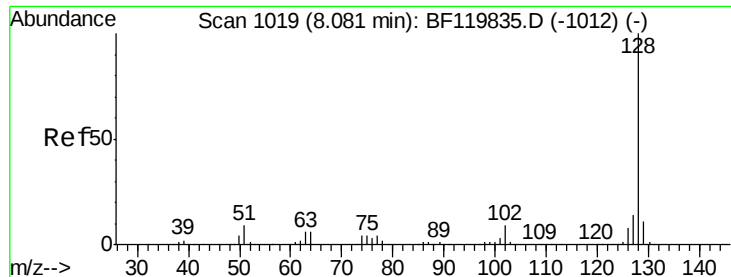
Tot Ion:162 Resp: 165228
 Ion Ratio Lower Upper
 162 100
 164 61.8 44.7 84.7
 98 34.6 20.7 60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 44.490 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:180 Resp: 379530
 Ion Ratio Lower Upper
 180 100
 182 96.0 74.7 112.1
 145 30.5 24.5 36.7

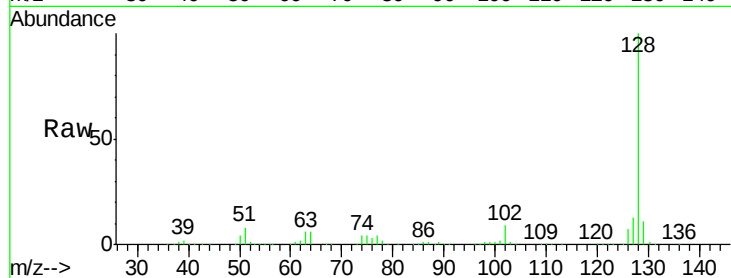




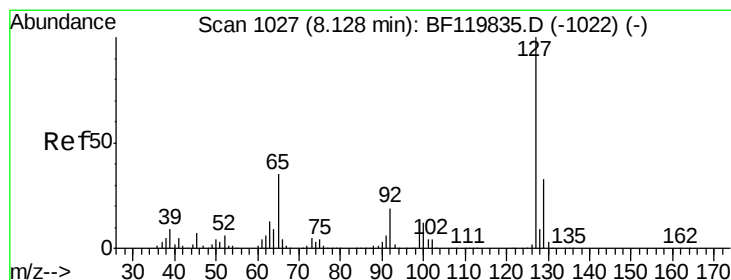
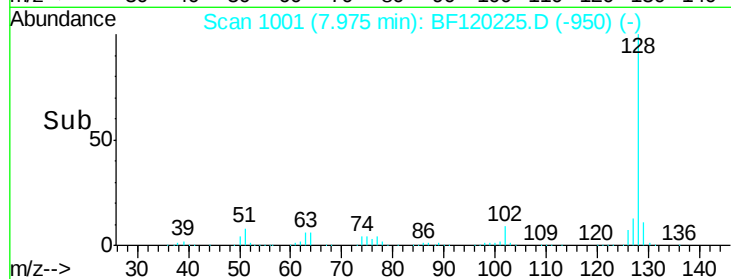
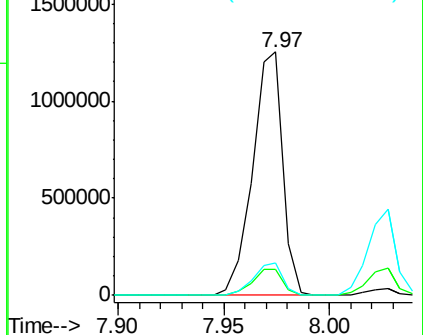
#31
Naphthalene
Concen: 47.263 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1246576
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.2 11.3 16.9

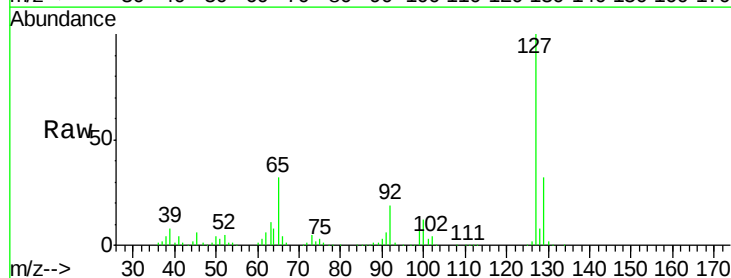


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

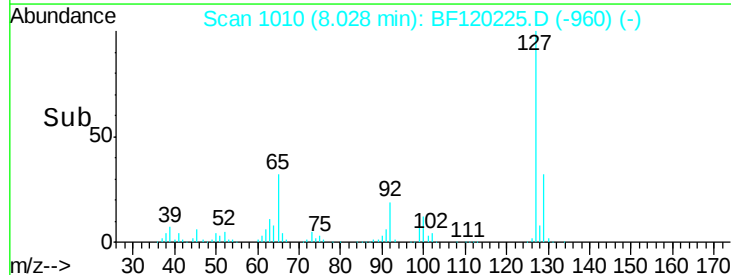
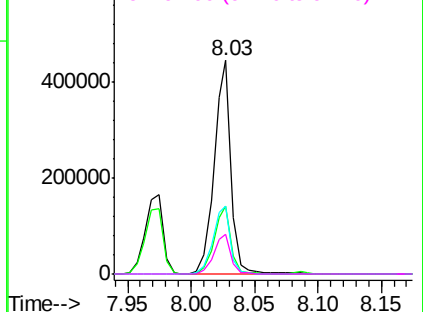


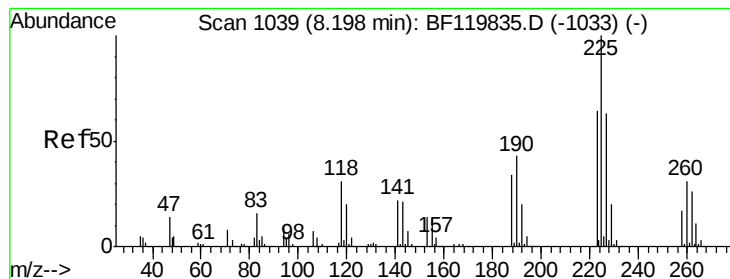
#33
4-Chloroaniline
Concen: 35.966 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:127 Resp: 412974
Ion Ratio Lower Upper
127 100
129 31.7 26.2 39.4
65 32.0 27.4 41.0
92 18.5 15.3 22.9



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: 40.941 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

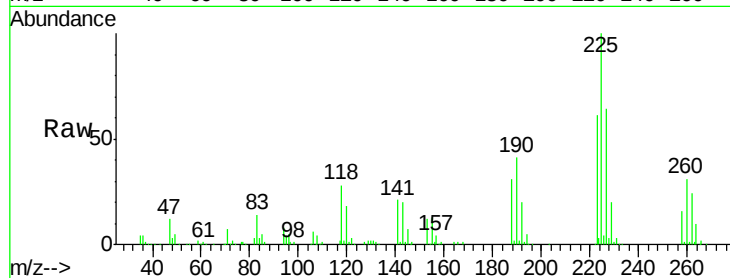
Tot Ion:225 Resp: 209070

Ion Ratio Lower Upper

225 100

223 60.9 51.0 76.6

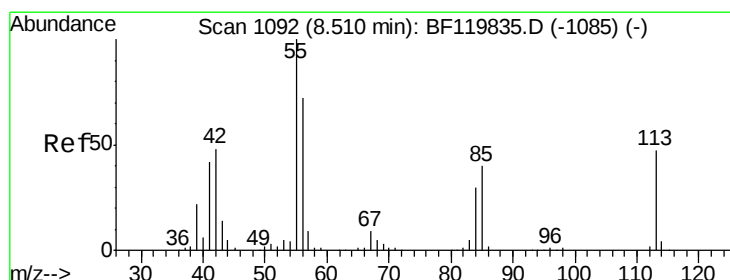
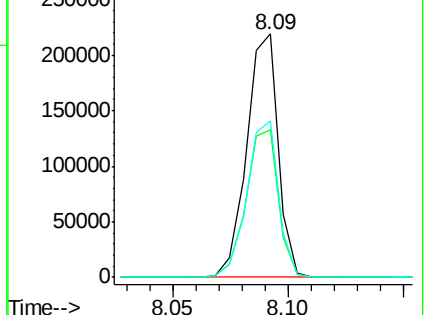
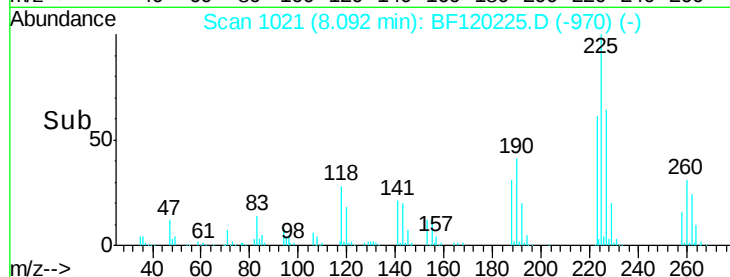
227 64.1 50.7 76.1



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: 6.751 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

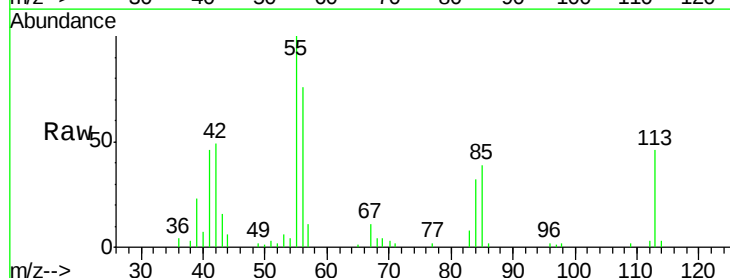
Tgt Ion:113 Resp: 15547

Ion Ratio Lower Upper

113 100

55 215.1 218.4 258.4#

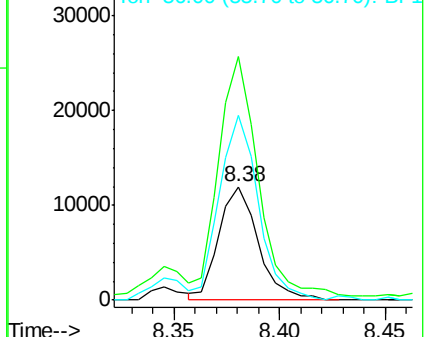
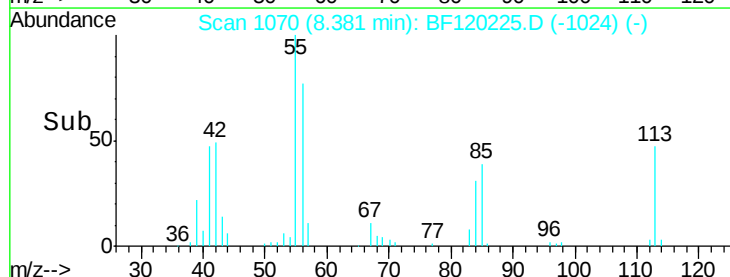
56 163.7 148.9 188.9

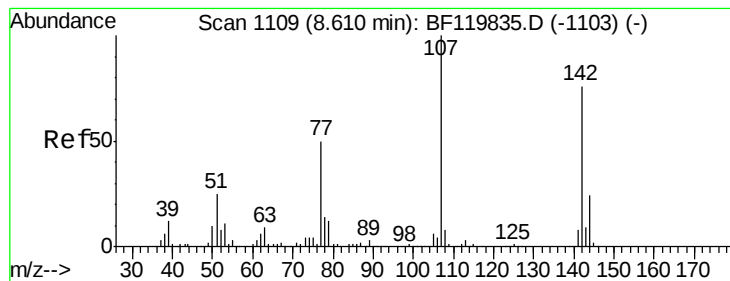


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





#36

4-Chloro-3-methylphenol

Concen: 24.669 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

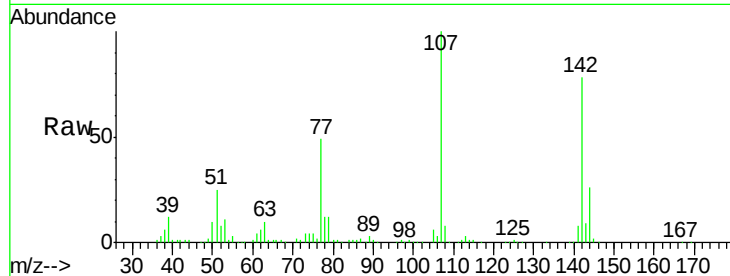
Tot Ion:107 Resp: 201082

Ion Ratio Lower Upper

107 100

144 25.6 21.0 31.6

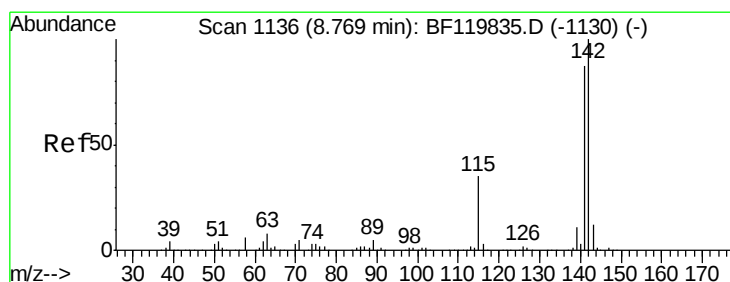
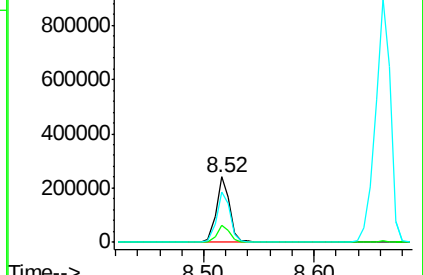
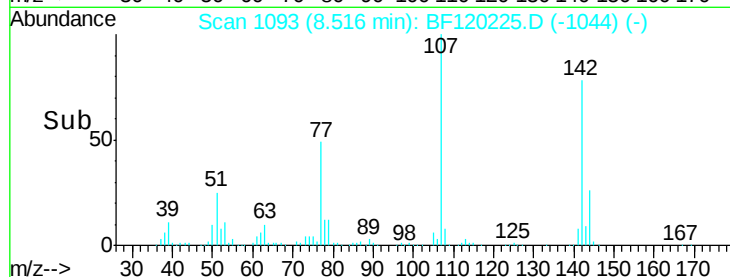
142 77.8 64.4 96.6



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: 47.748 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

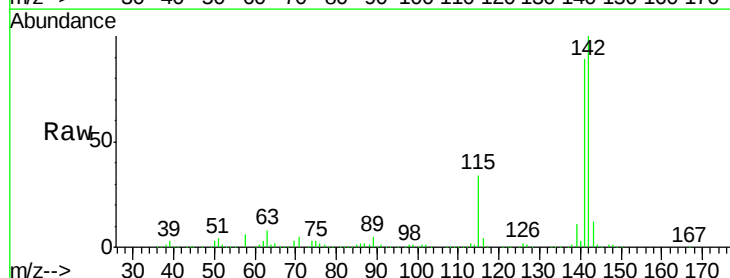
Tgt Ion:142 Resp: 853803

Ion Ratio Lower Upper

142 100

141 88.8 71.7 107.5

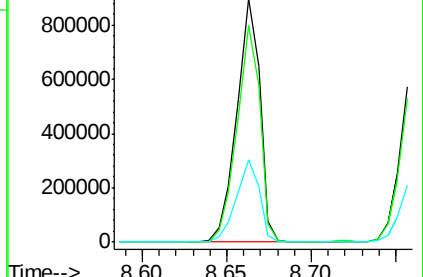
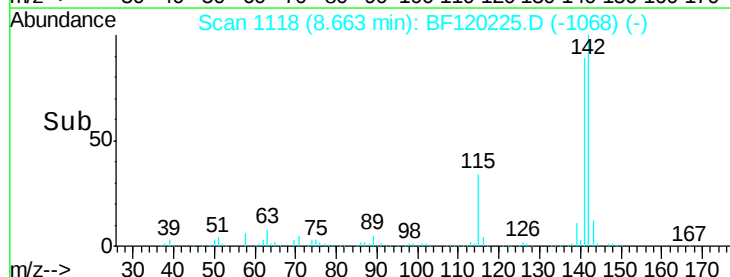
115 33.8 27.9 41.9

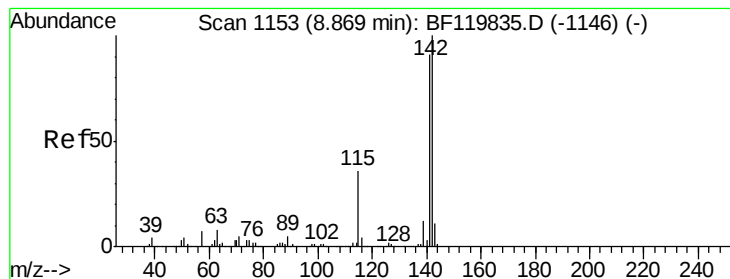


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 48.177 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

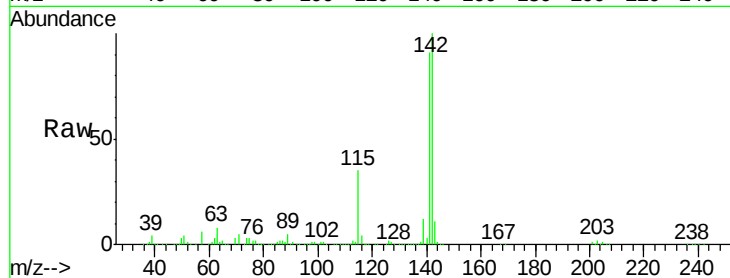
Tot Ion:142 Resp: 811984

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

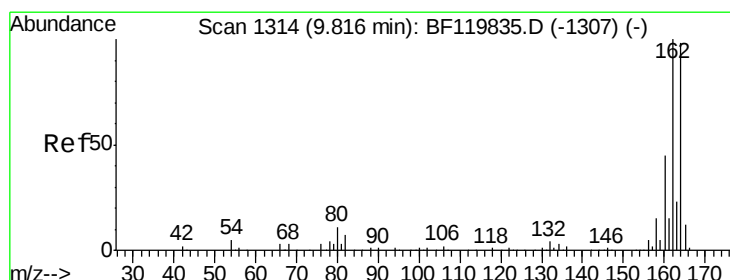
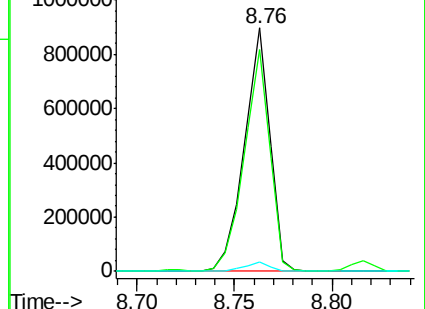
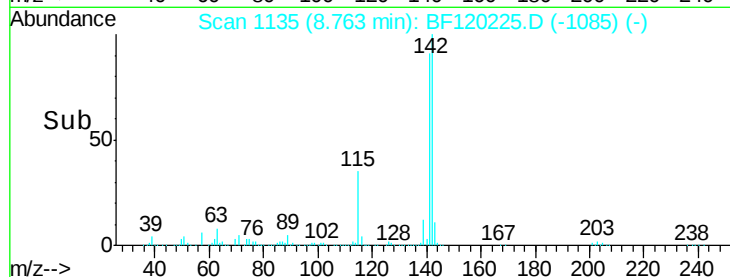
116 3.7 3.0 4.6



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: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

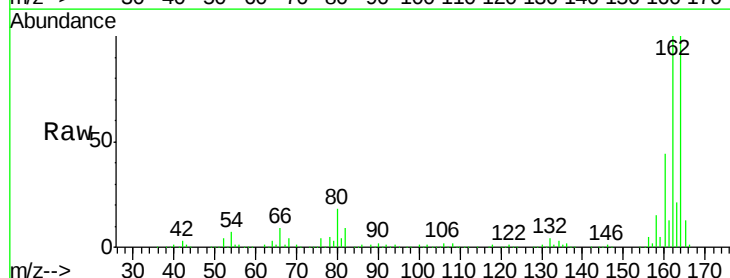
Tgt Ion:164 Resp: 257969

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

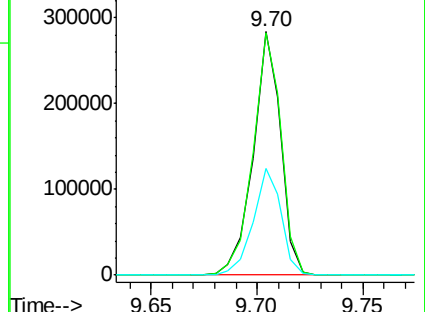
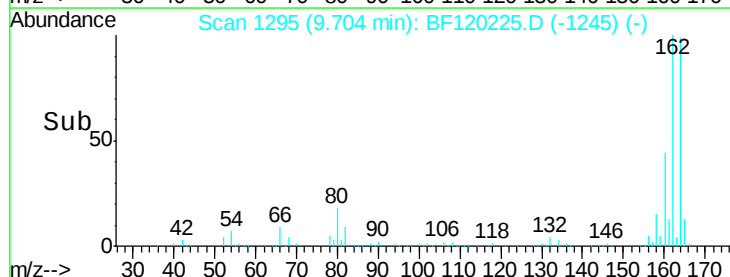
160 43.7 35.7 53.5

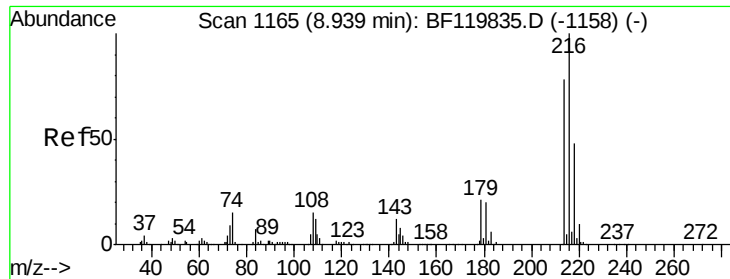


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

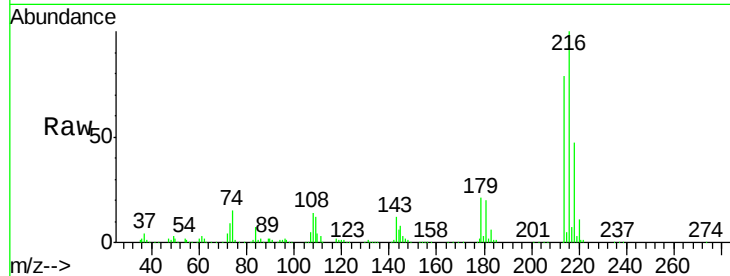




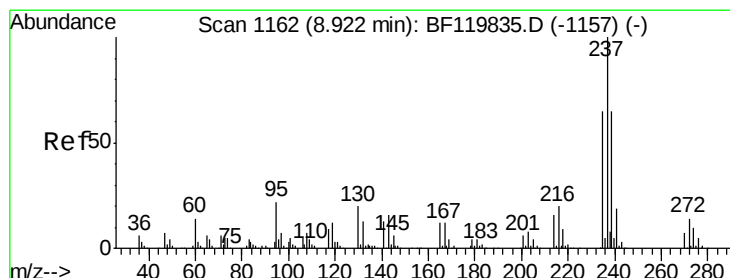
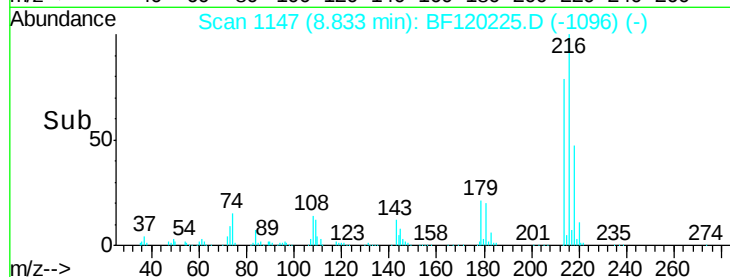
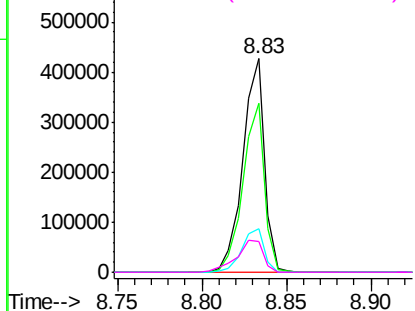
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.786 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	381203
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.2 94.8
179	21.0	17.1 25.7
108	18.8	15.1 22.7

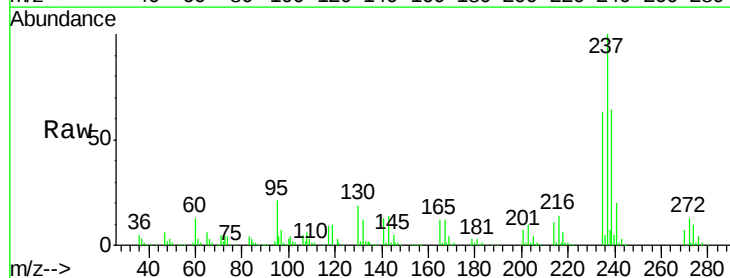


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

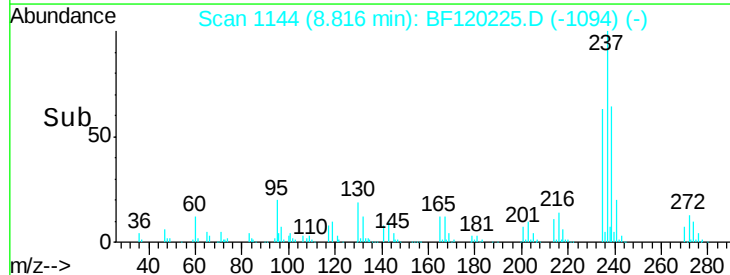
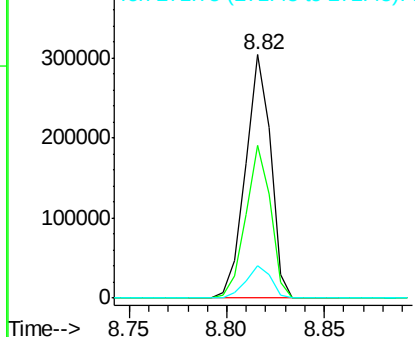


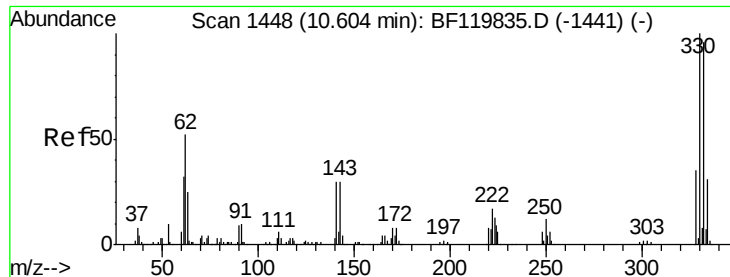
#41
 Hexachlorocyclopentadiene
 Concen: 58.777 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:237	Resp:	272323
Ion Ratio	Lower	Upper
237	100	
235	62.9	43.2 83.2
272	13.1	0.0 34.1



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

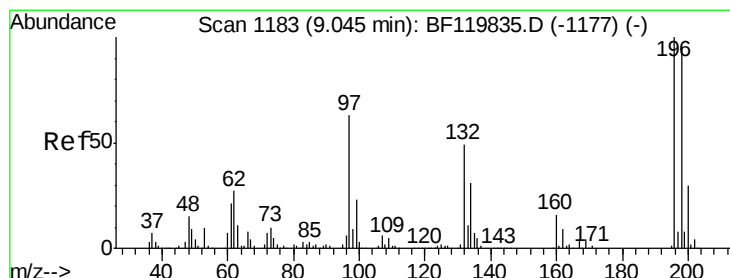
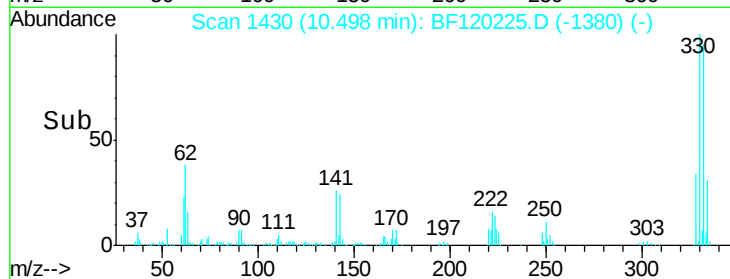
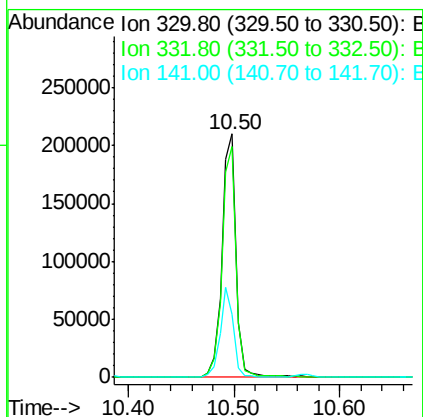
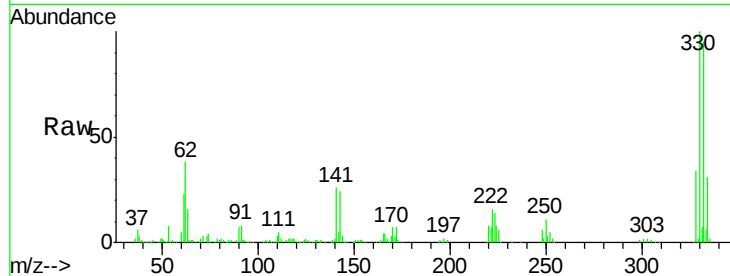




#42
 2,4,6-Tribromophenol
 Concen: 62.156 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

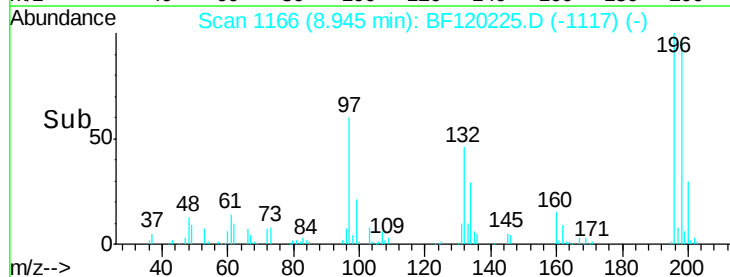
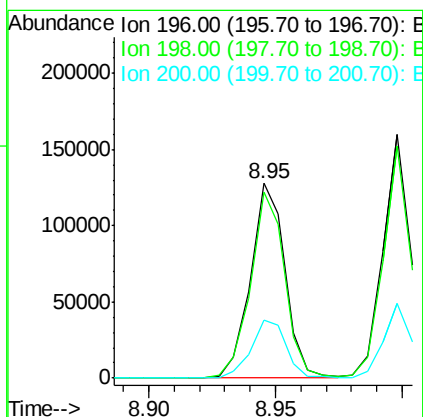
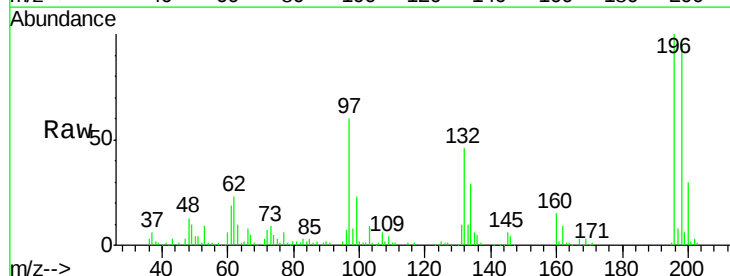
Instrument :
 BNA_F
 ClientSampled :

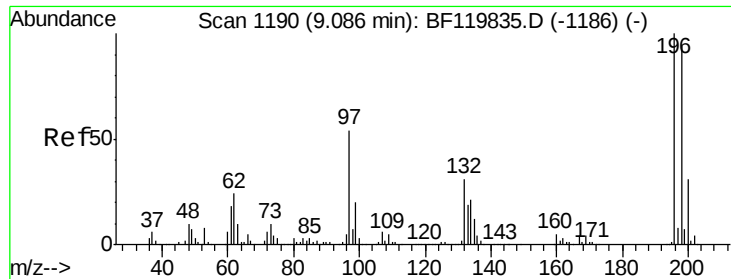
Tot Ion:330 Resp: 196316
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 34.9 25.4 38.0



#43
 2,4,6-Trichlorophenol
 Concen: 21.642 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:196 Resp: 121767
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 200 29.7 24.6 36.8

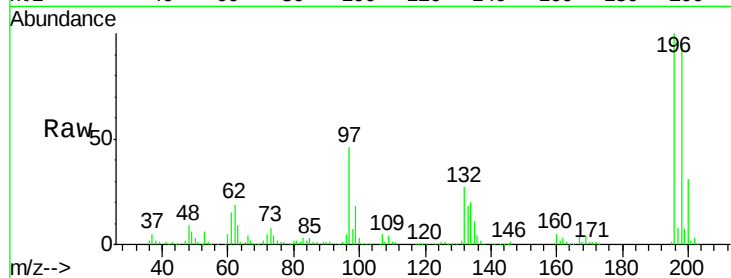




#44
 2,4,5-Trichlorophenol
 Concen: 20.401 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		129283		
198	95.1	73.8	110.8		
97	46.0	42.6	63.8		
132	27.3	24.0	36.0		



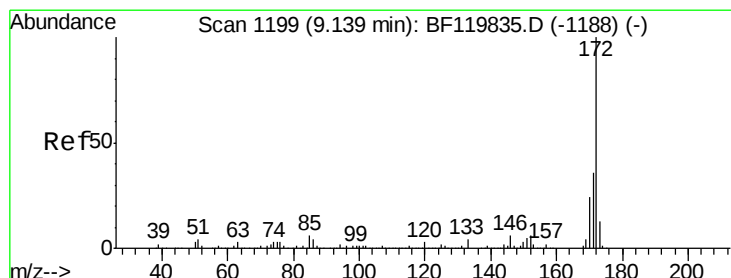
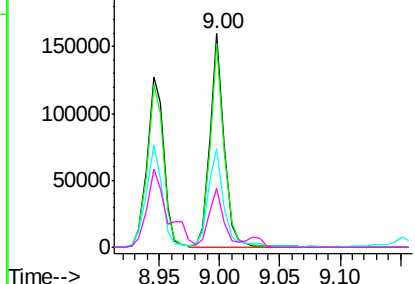
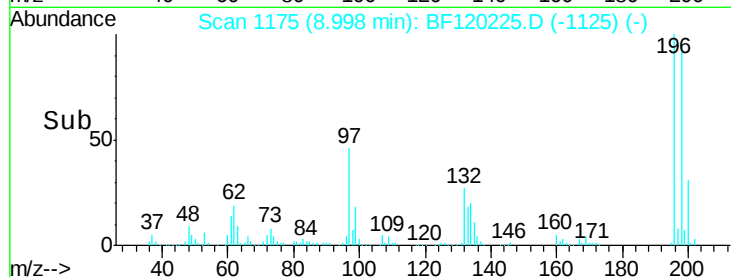
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

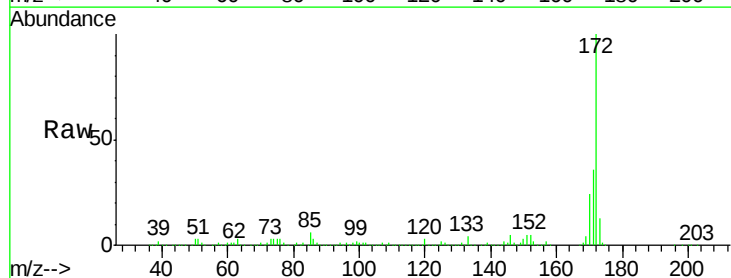
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.390 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1696855		
171	35.6	29.6	44.4		
170	23.5	20.2	30.2		

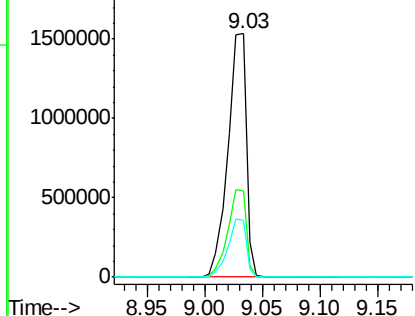
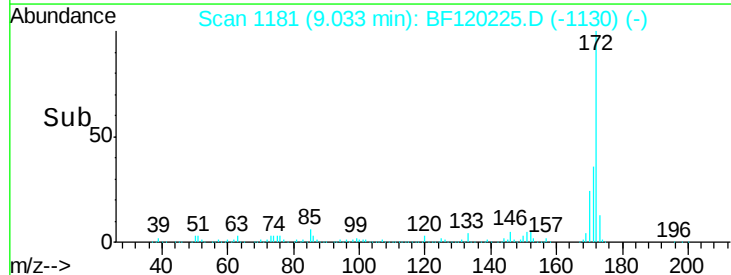


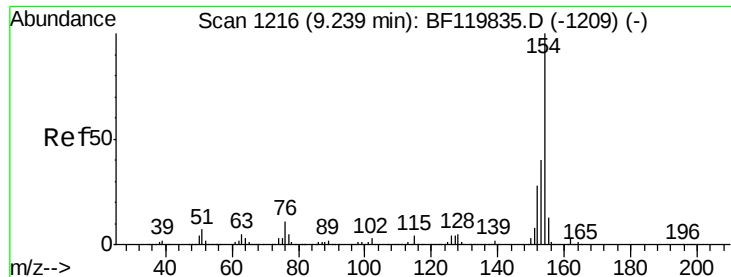
Abundance

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

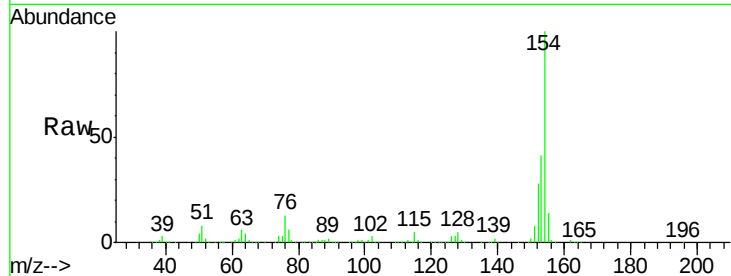




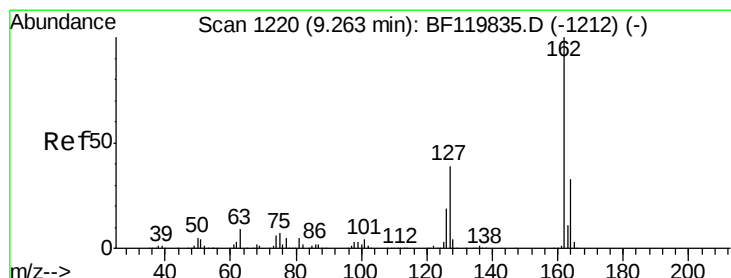
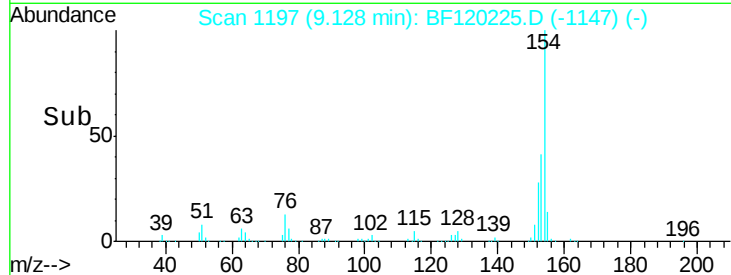
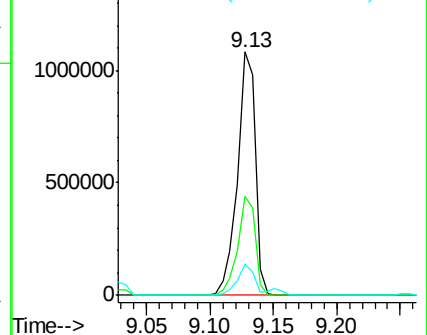
#46
 1,1'-Biphenyl
 Concen: 47.935 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1043744
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.4 61.4
 76 13.0 0.0 33.0

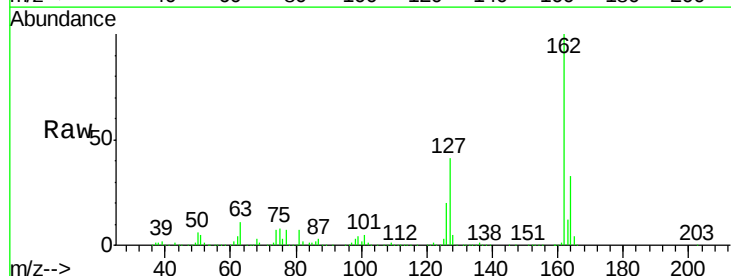


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

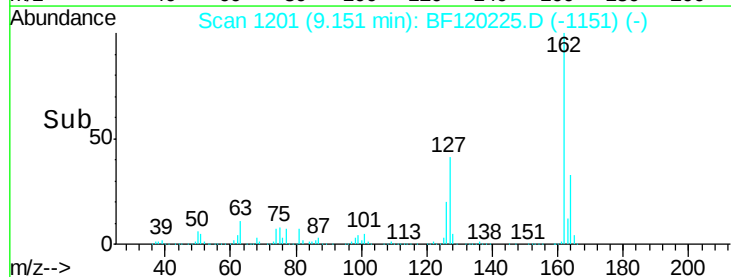
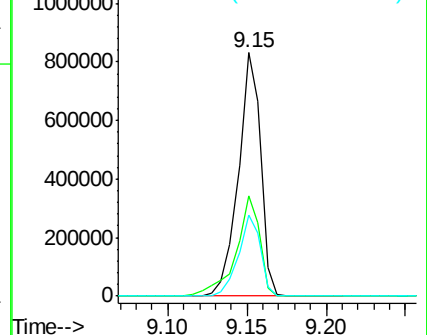


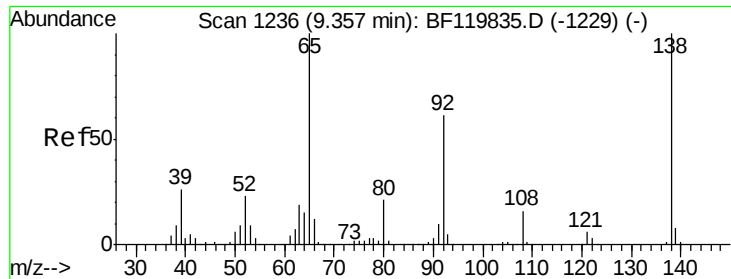
#47
 2-Chloronaphthalene
 Concen: 48.344 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:162 Resp: 810908
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.7 50.5
 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

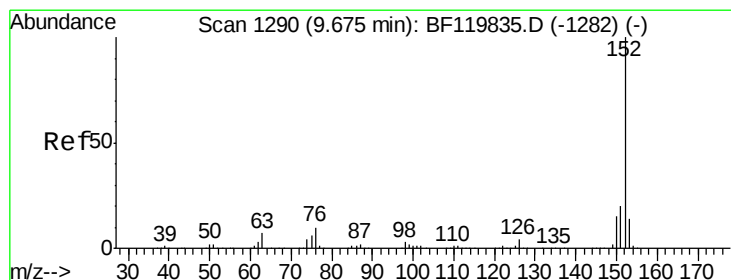
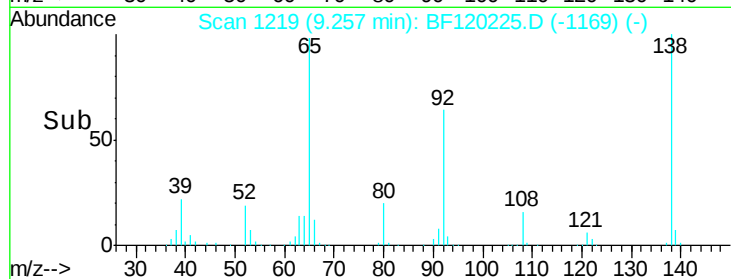
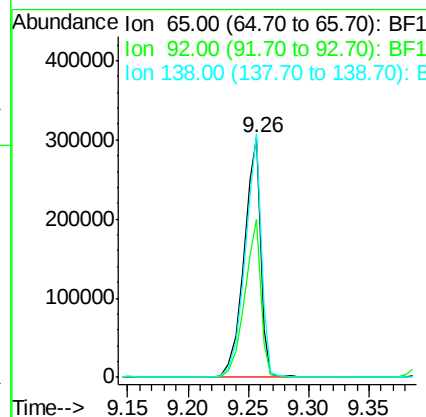
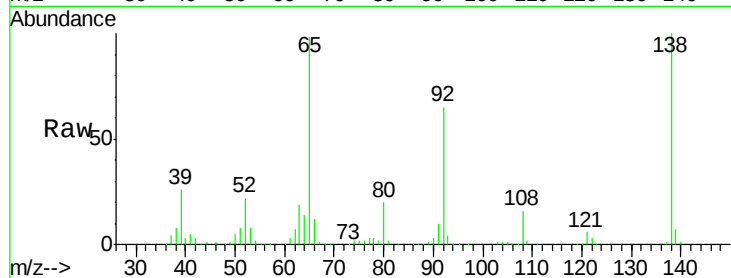




#48
 2-Nitroaniline
 Concen: 48.021 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

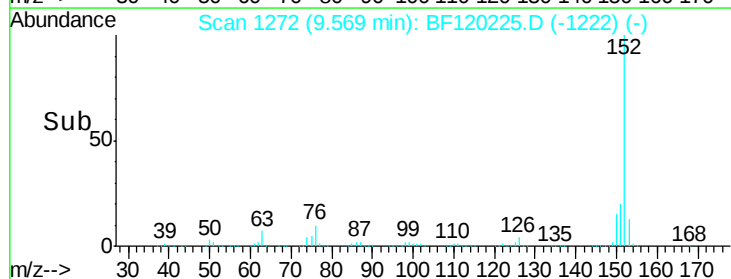
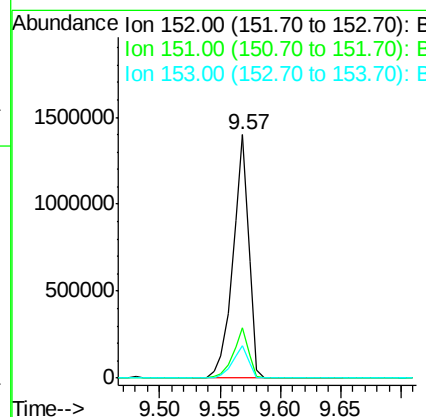
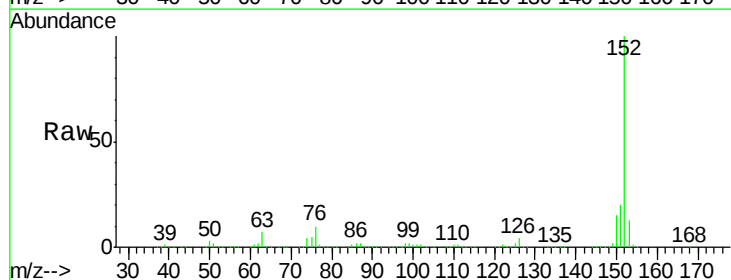
Instrument :
 BNA_F
 ClientSampleId :

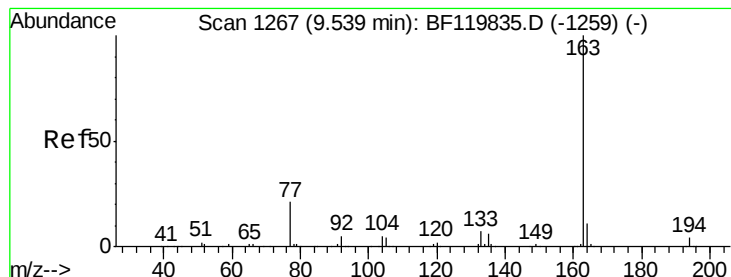
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	50.0	75.0
138	101.8	75.0	112.4



#49
 Acenaphthylene
 Concen: 49.556 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	13.5	11.2	16.8





#50

Dimethylphthalate

Concen: 57.577 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

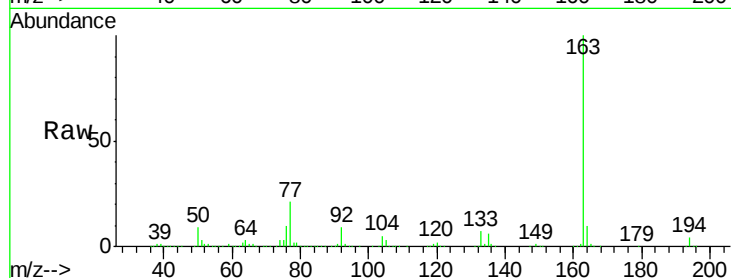
Tot Ion:163 Resp: 1148859

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

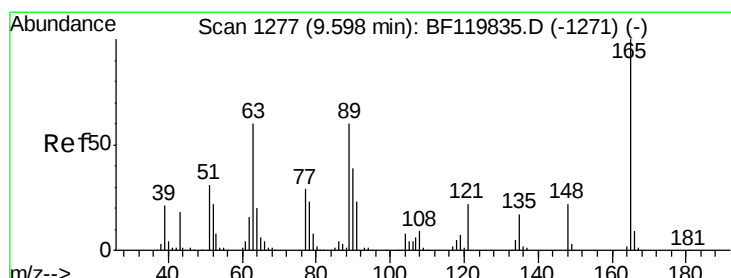
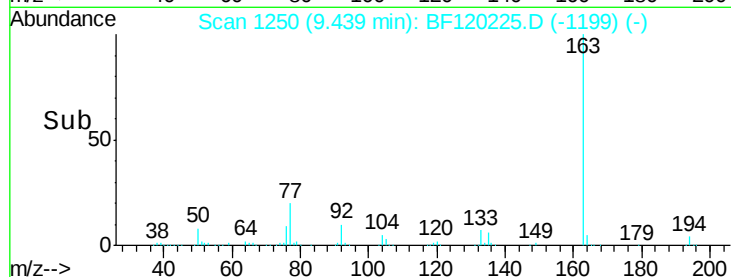
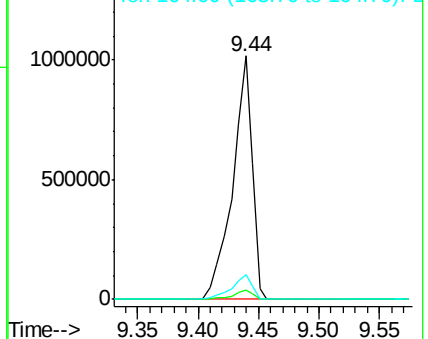
164 10.1 8.2 12.2



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: 49.556 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

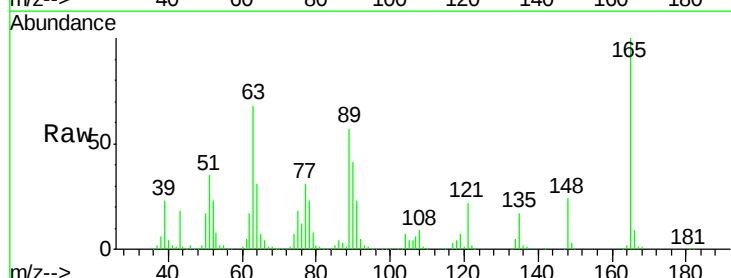
Tgt Ion:165 Resp: 216533

Ion Ratio Lower Upper

165 100

63 68.1 45.0 67.4#

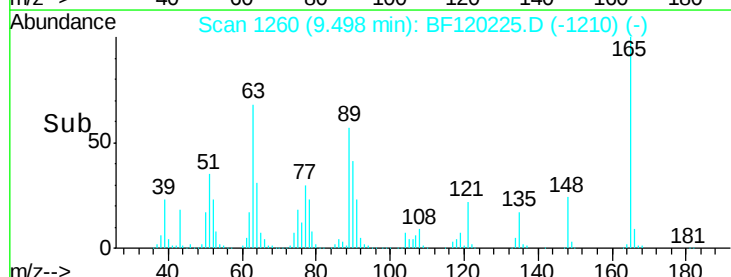
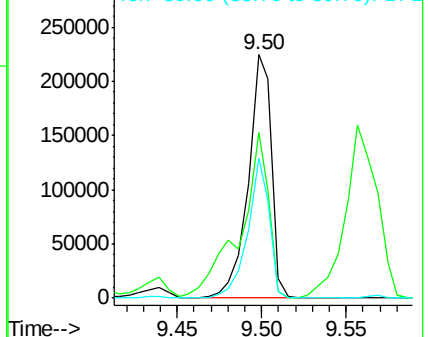
89 57.5 41.5 62.3

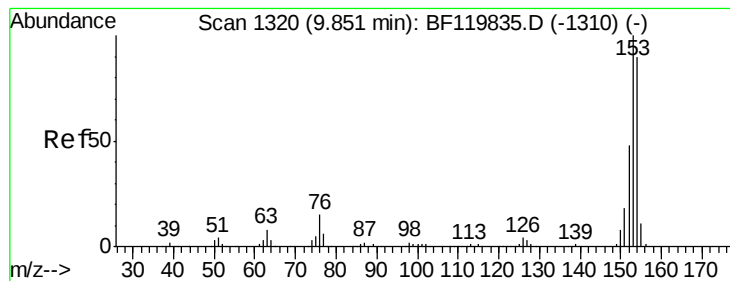


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 44.525 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

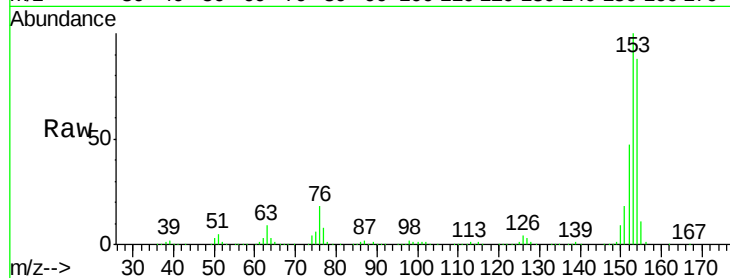
Tot Ion:154 Resp: 757650

Ion Ratio Lower Upper

154 100

153 113.5 88.1 132.1

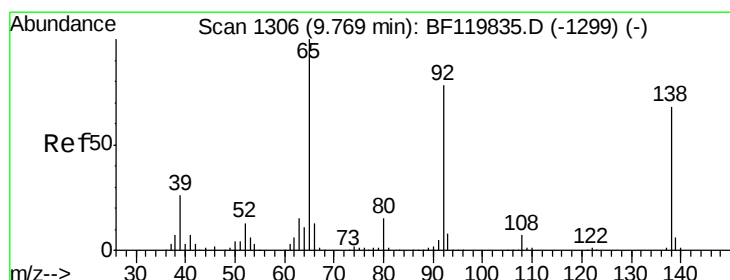
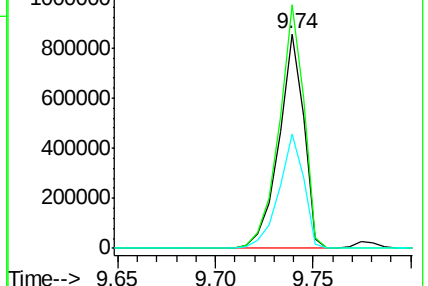
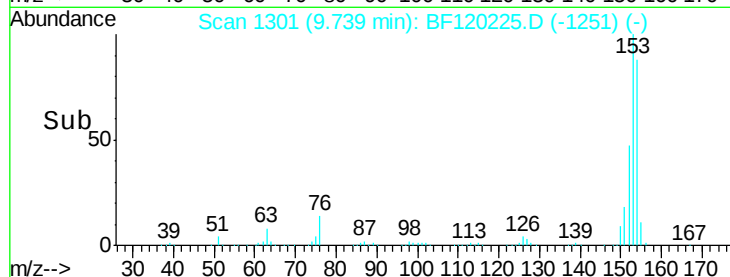
152 53.0 43.0 64.4



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: 39.126 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

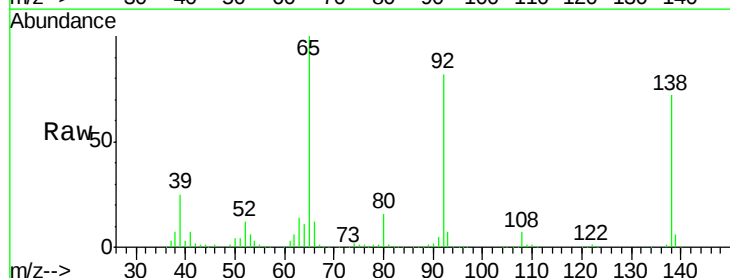
Tgt Ion:138 Resp: 195251

Ion Ratio Lower Upper

138 100

108 9.9 8.6 13.0

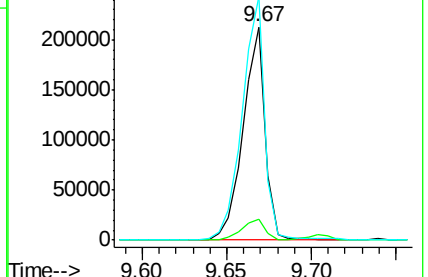
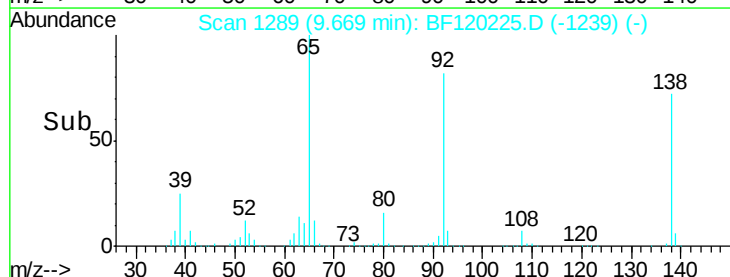
92 114.2 95.4 143.0

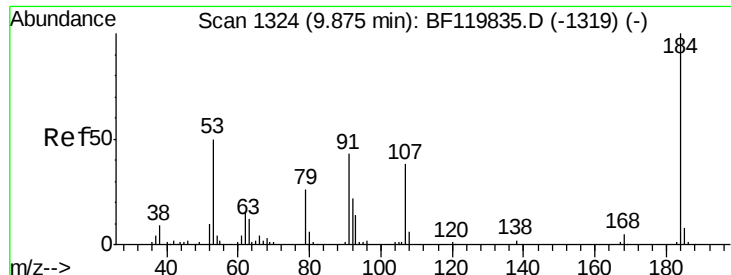


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

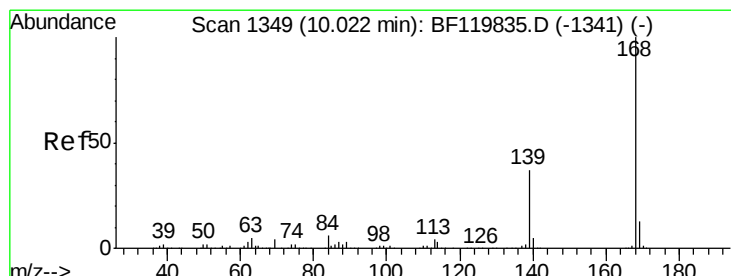
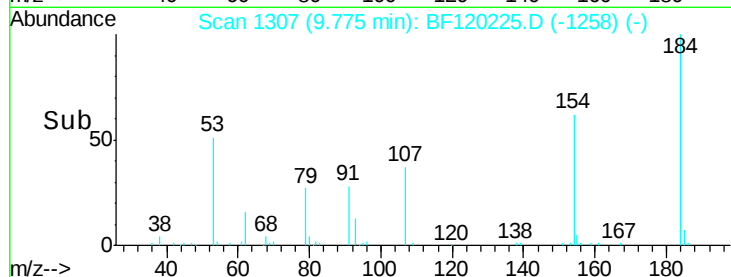
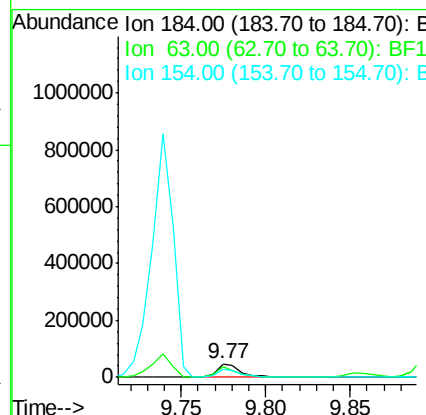
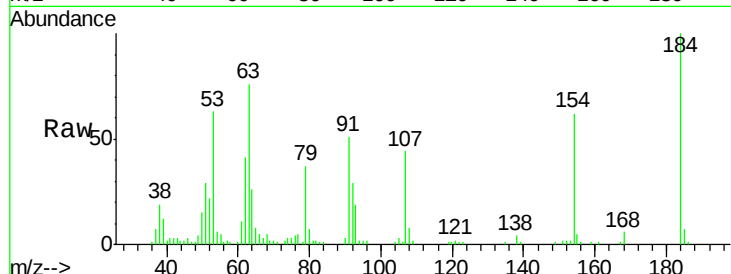




#54
2,4-Dinitrophenol
Concen: 19.214 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

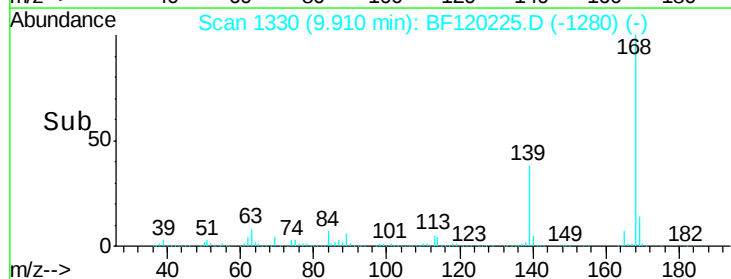
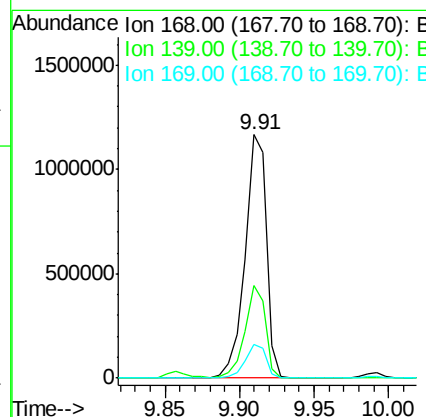
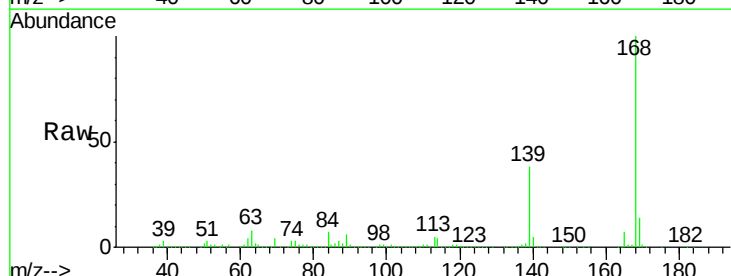
Instrument :
BNA_F
ClientSampled :

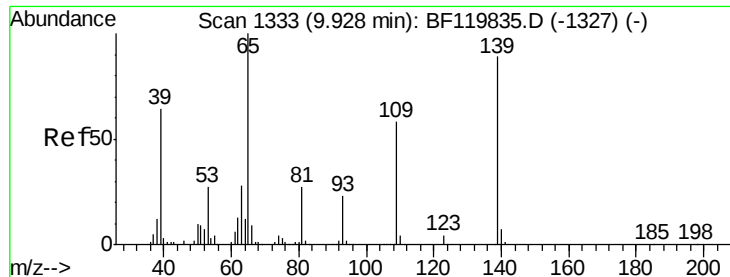
Tot Ion:184 Resp: 50264
Ion Ratio Lower Upper
184 100
63 76.0 50.2 75.4#
154 61.5 44.5 66.7



#55
Dibenzofuran
Concen: 49.512 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:168 Resp: 1156147
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.8 11.0 16.6

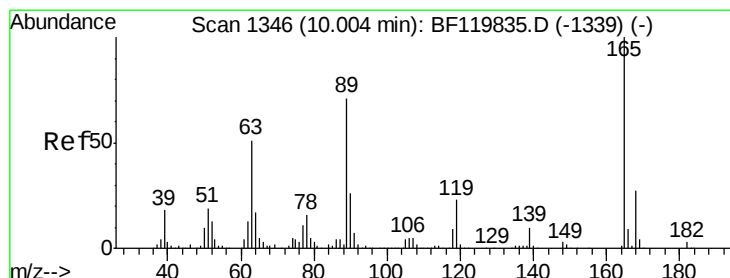
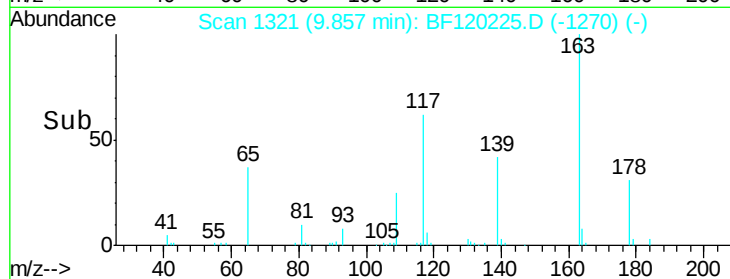
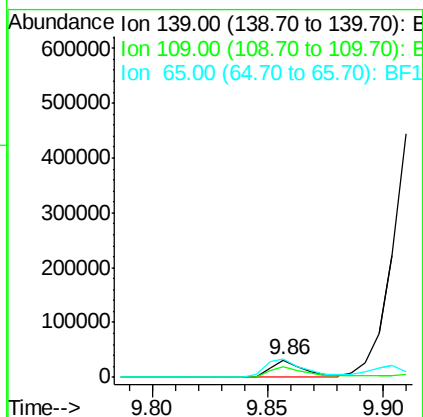
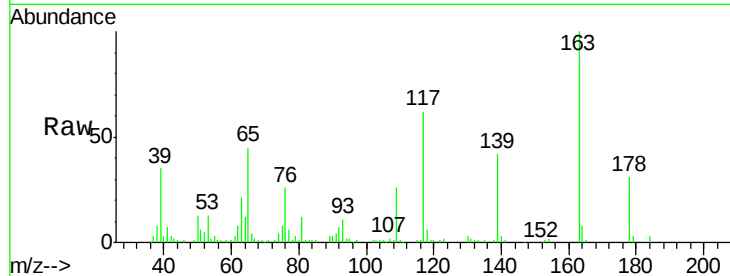




#56
4-Nitrophenol
Concen: 8.839 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

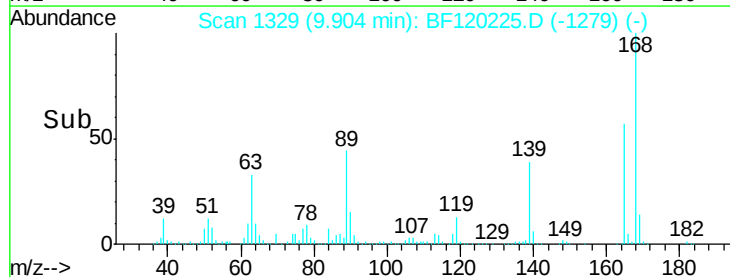
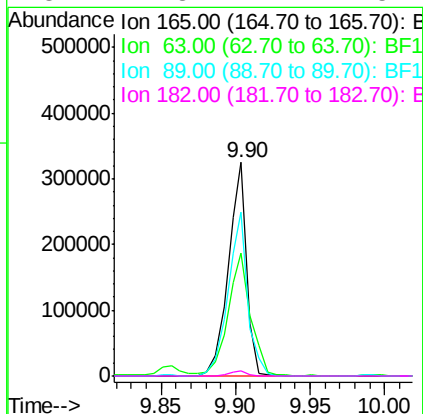
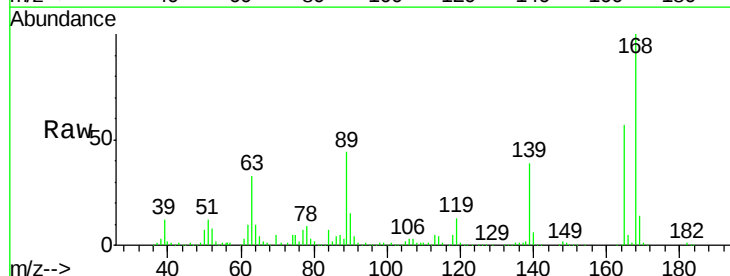
Instrument :
BNA_F
ClientSampleId :

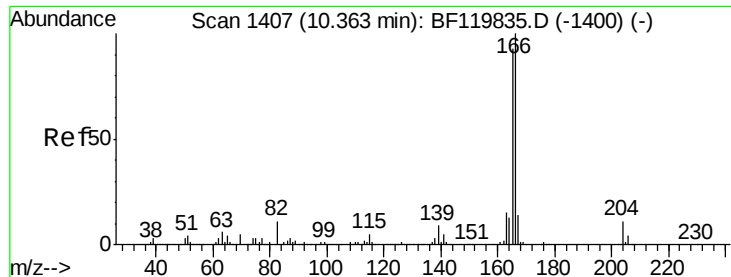
Tot Ion:139 Resp: 32821
Ion Ratio Lower Upper
139 100
109 63.0 43.3 83.3
65 107.9 91.0 131.0



#57
2,4-Dinitrotoluene
Concen: 49.080 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:165 Resp: 282549
Ion Ratio Lower Upper
165 100
63 57.8 42.6 64.0
89 76.4 61.0 91.4
182 2.3 2.2 3.2





#58

Fluorene

Concen: 48.475 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

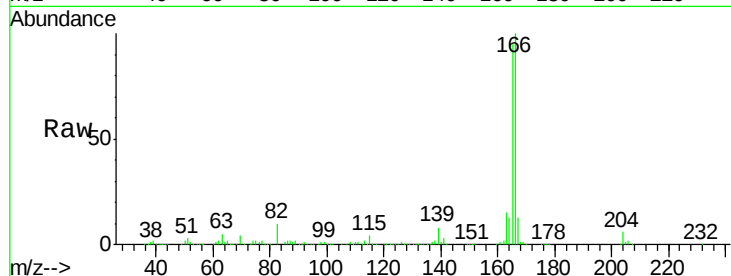
Tot Ion:166 Resp: 905255

Ion Ratio Lower Upper

166 100

165 94.8 75.4 113.2

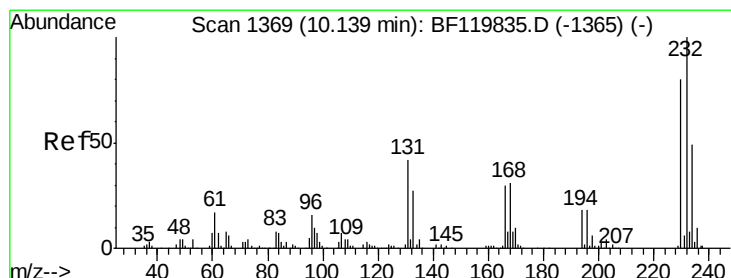
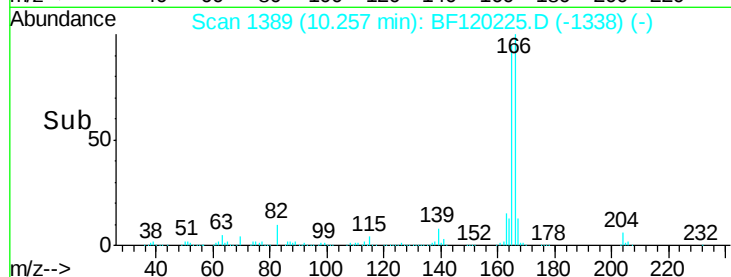
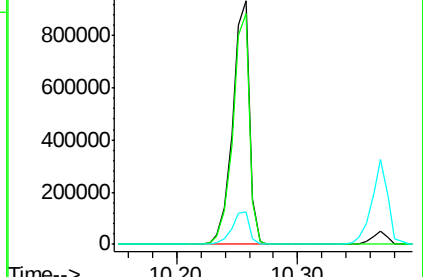
167 13.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 21.232 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Tgt Ion:232 Resp: 102903

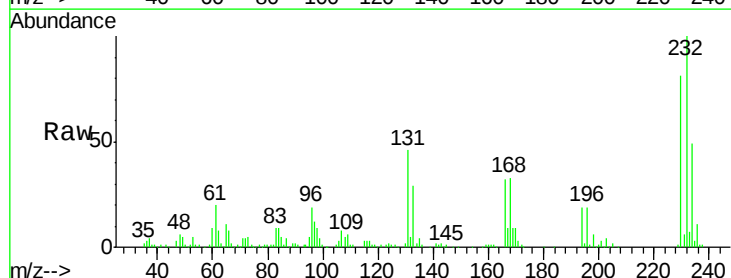
Ion Ratio Lower Upper

232 100

131 45.0 37.5 56.3

130 2.0 1.8 2.6

166 31.4 24.6 36.8

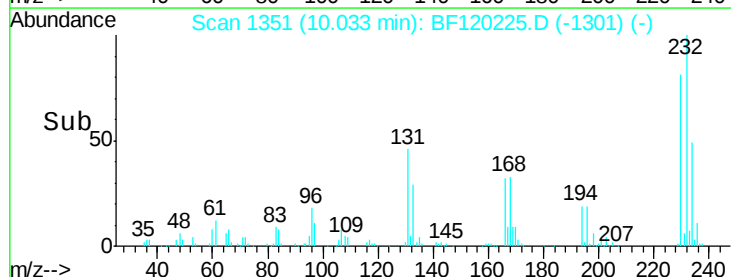
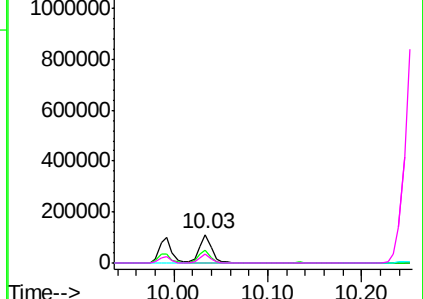


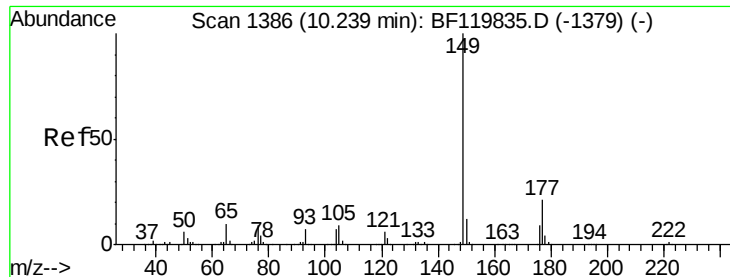
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

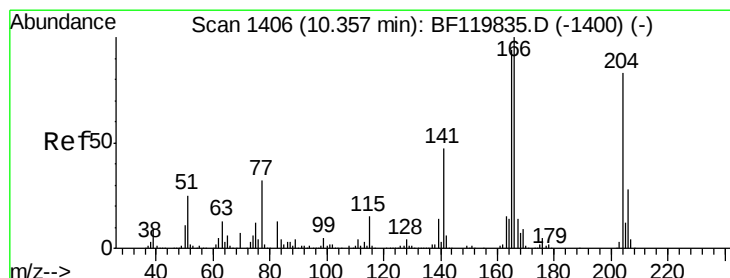
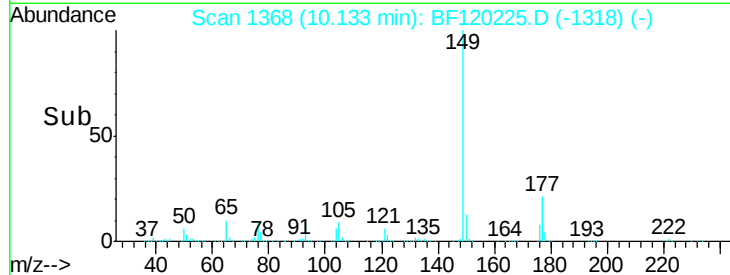
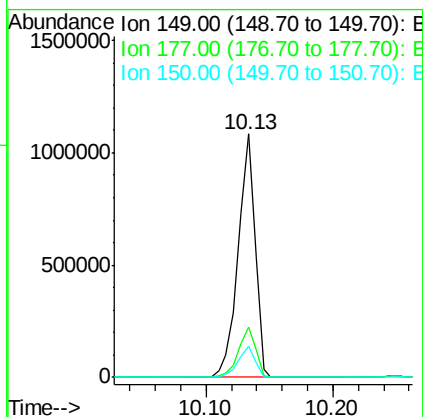
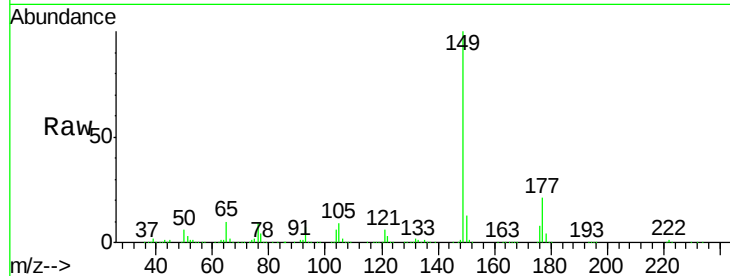




#60
Diethylphthalate
Concen: 48.139 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

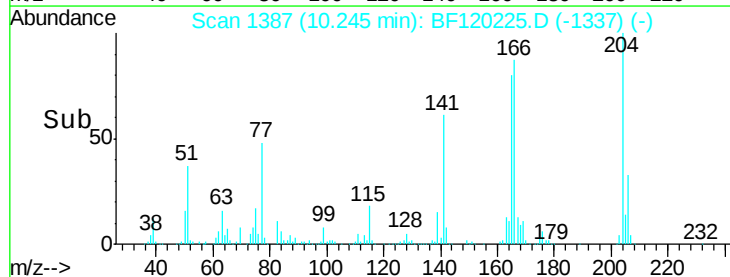
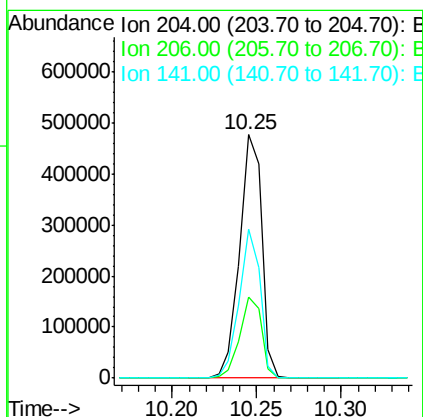
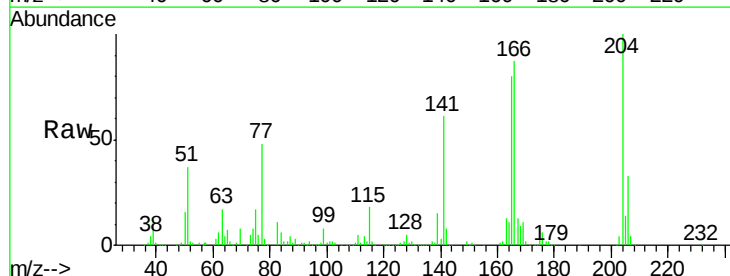
Instrument :
BNA_F
ClientSampled :

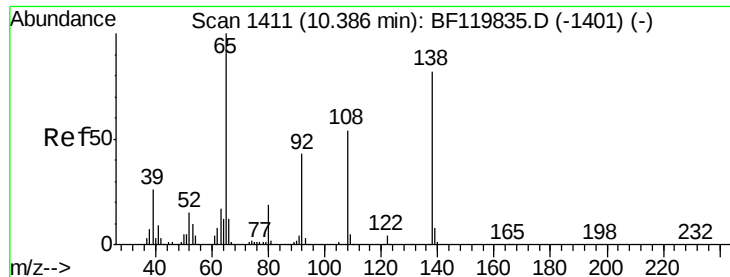
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.6
150	12.6	10.1	15.1



#61
4-Chlorophenyl-phenylether
Concen: 45.663 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	61.3	47.3	70.9

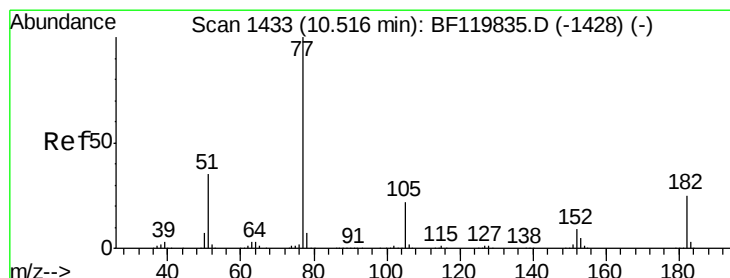
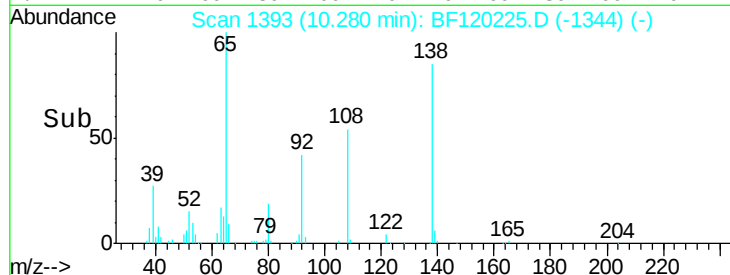
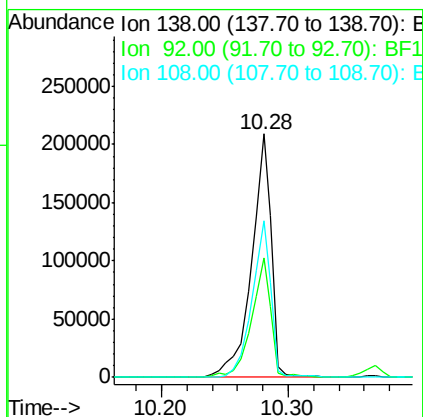
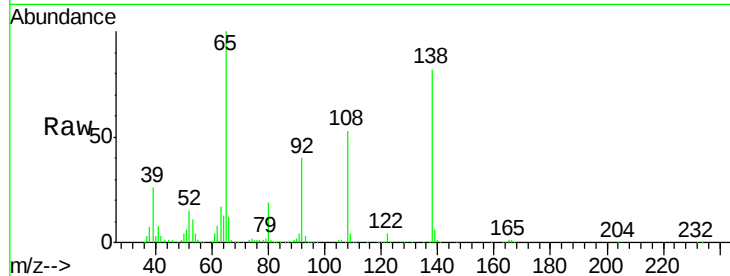




#62
4-Nitroaniline
Concen: 48.011 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

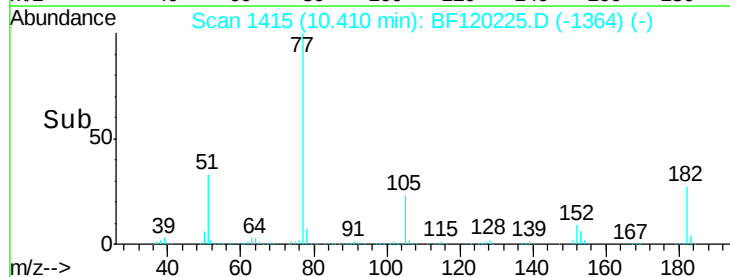
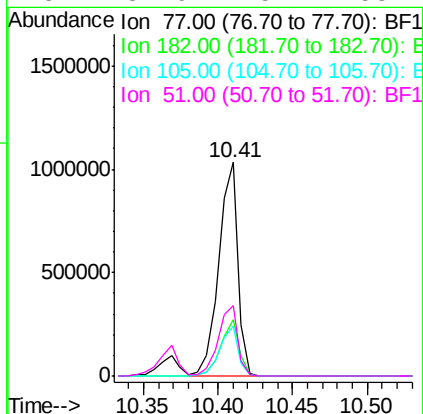
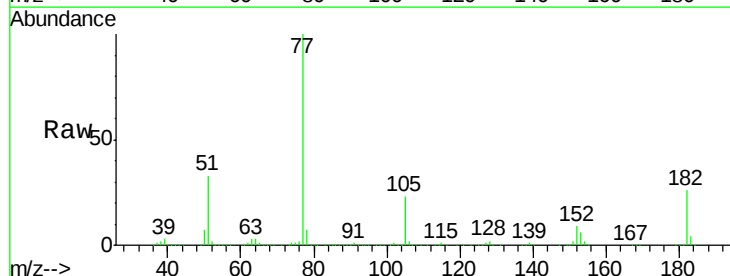
Instrument :
BNA_F
ClientSampleId :

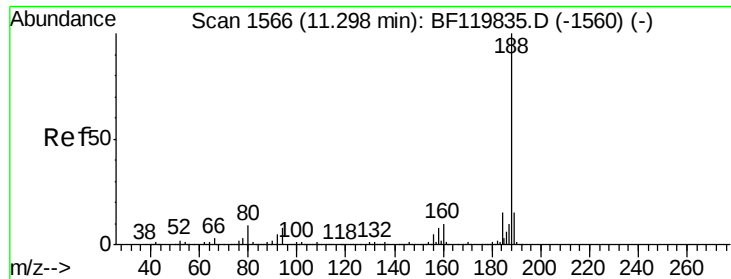
Tot Ion:138 Resp: 228334
Ion Ratio Lower Upper
138 100
92 49.2 31.5 71.5
108 64.6 45.8 85.8



#63
Azobenzene
Concen: 50.245 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion: 77 Resp: 931222
Ion Ratio Lower Upper
77 100
182 26.5 4.4 44.4
105 23.3 2.6 42.6
51 32.9 15.1 55.1

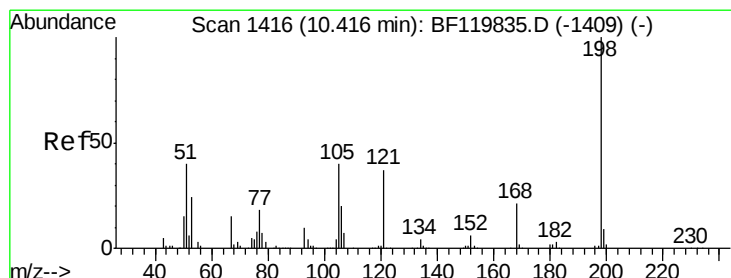
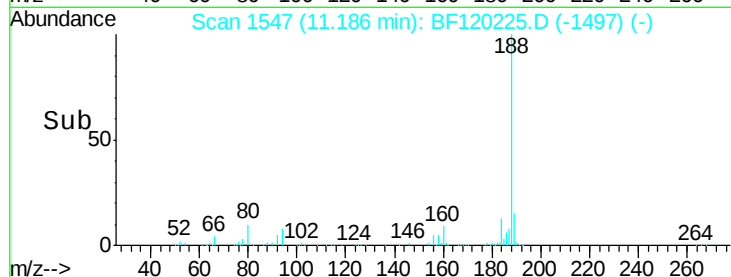
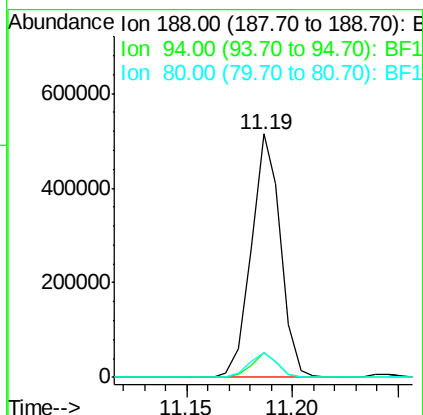
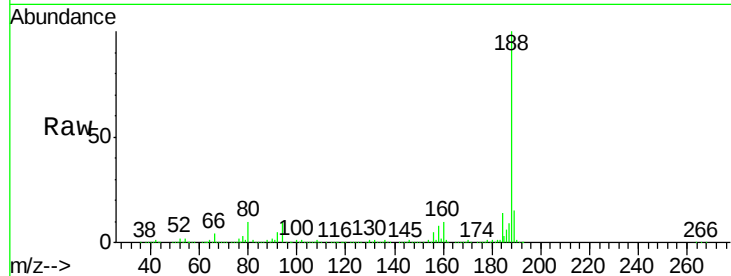




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

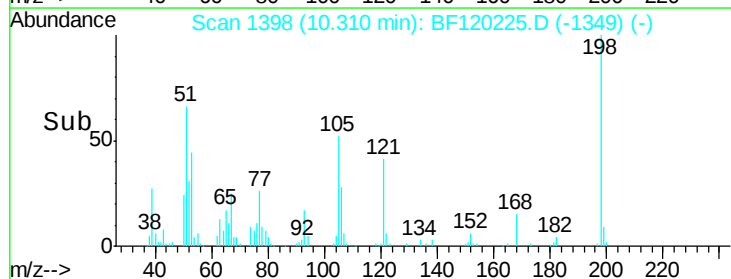
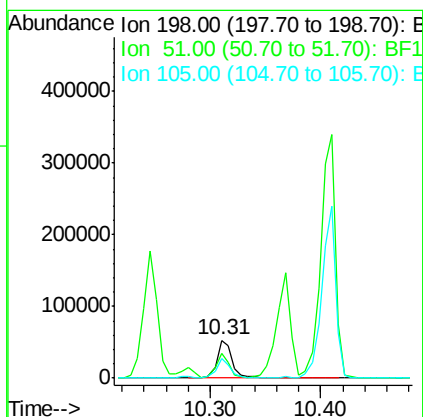
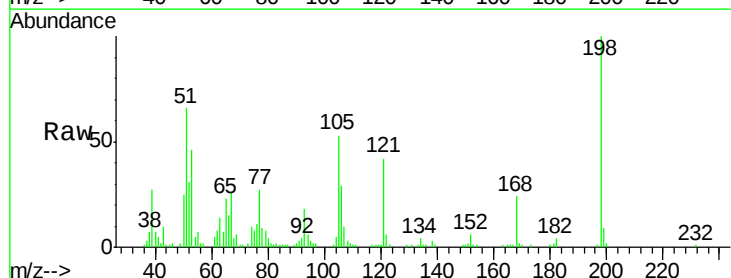
Instrument :
BNA_F
ClientSampleId :

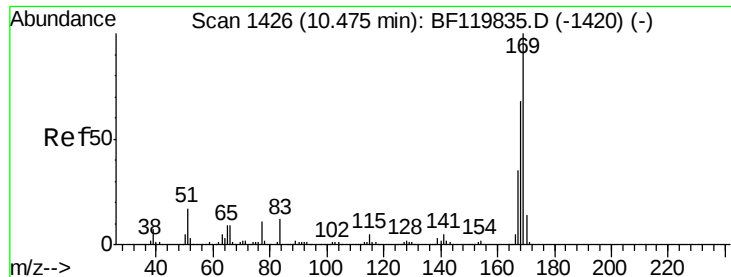
Tot Ion:188 Resp: 493722
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 9.9 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 15.634 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:198 Resp: 50851
Ion Ratio Lower Upper
198 100
51 66.0 29.0 69.0
105 52.6 22.2 62.2

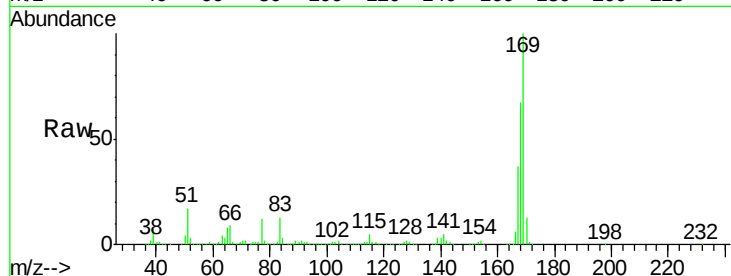




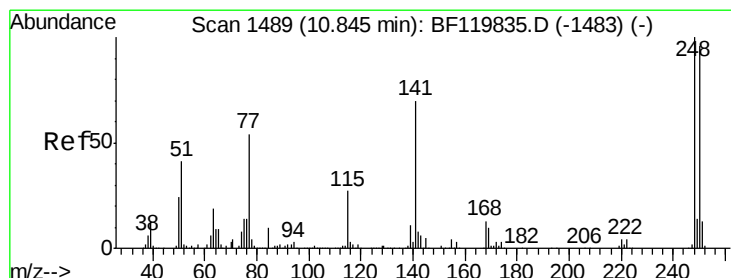
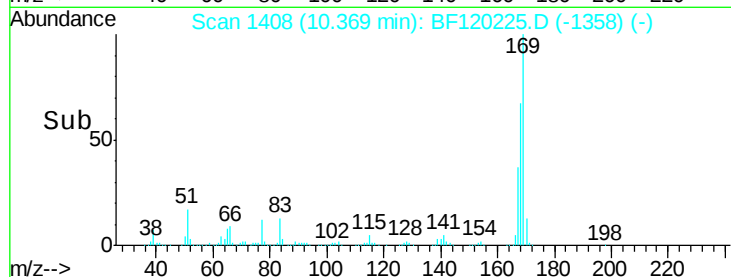
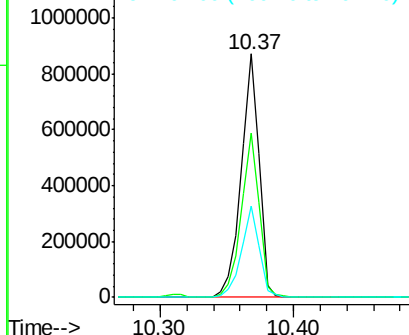
#66
 n-Nitrosodiphenylamine
 Concen: 49.785 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 817467
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.2 79.8
 167 37.3 29.1 43.7

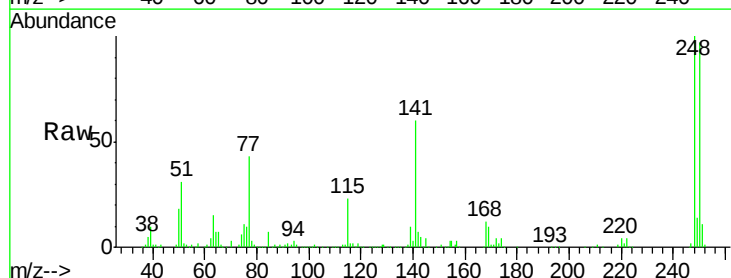


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

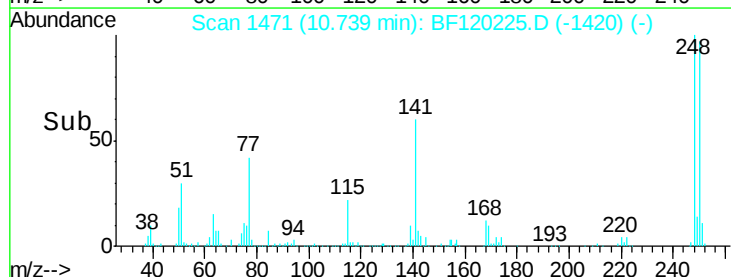
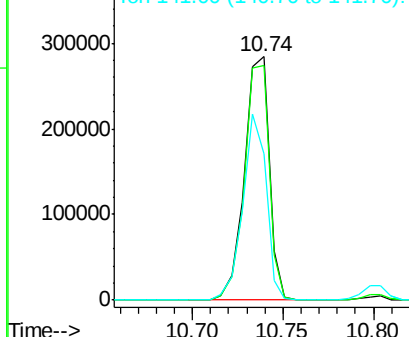


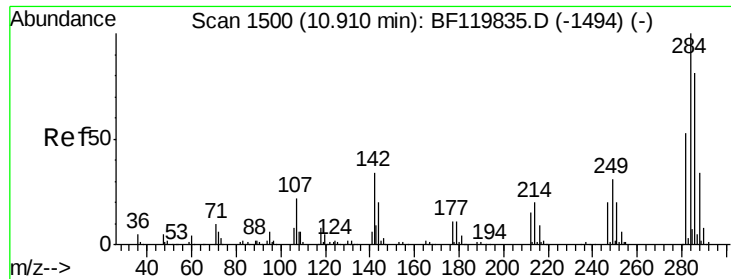
#67
 4-Bromophenyl-phenylether
 Concen: 44.215 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:248 Resp: 271476
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.3 115.9
 141 60.4 58.6 87.8



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

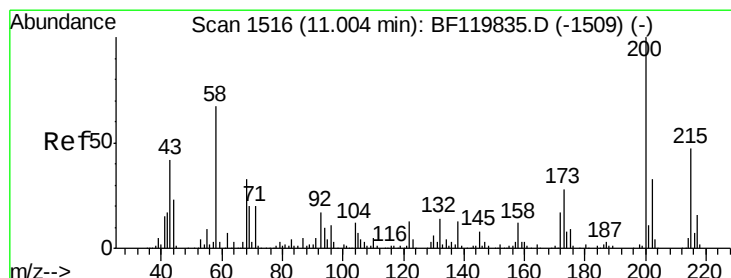
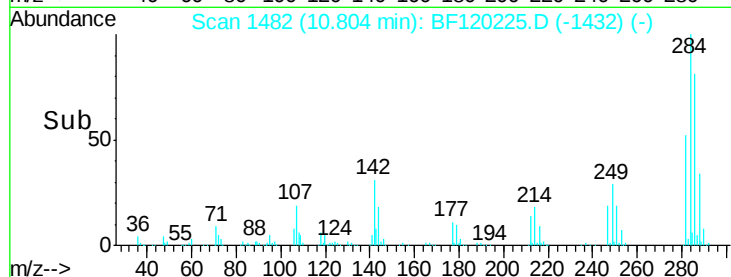
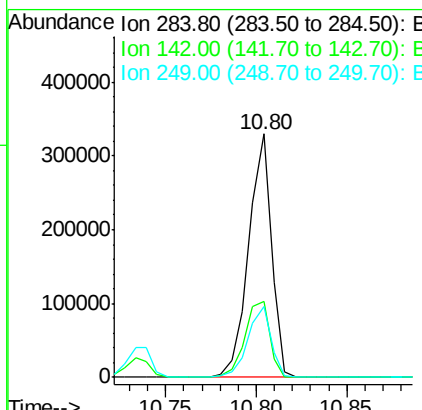
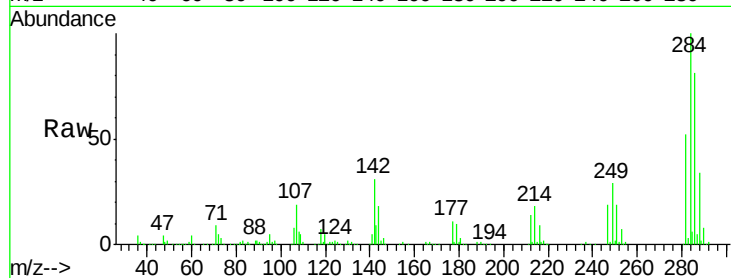




#68
Hexachlorobenzene
Concen: 46.480 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

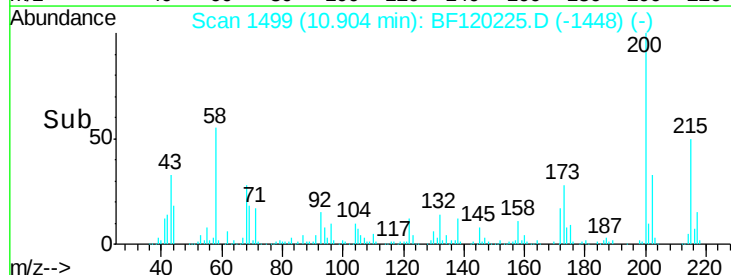
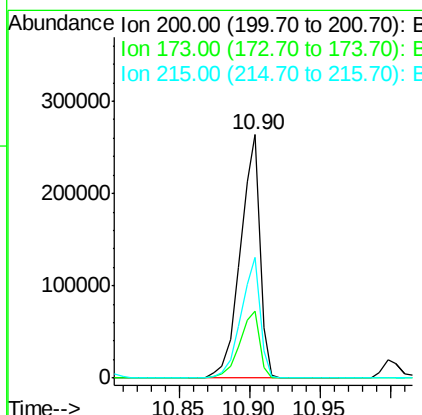
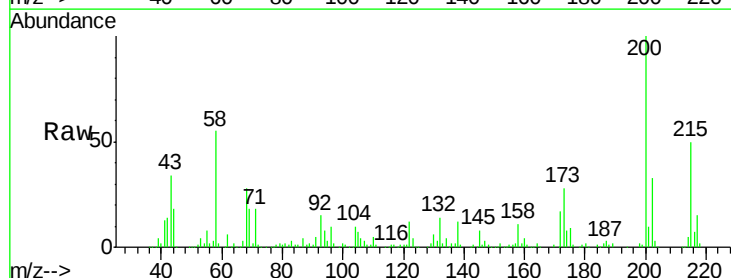
Instrument :
BNA_F
ClientSampleId :

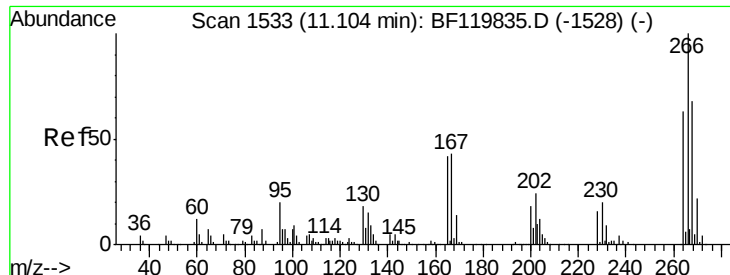
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.3	29.2	43.8
249	29.2	25.1	37.7



#69
Atrazine
Concen: 55.459 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	9.3	49.3
215	49.8	29.5	69.5

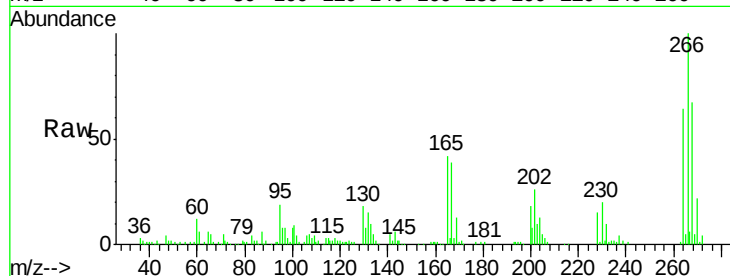




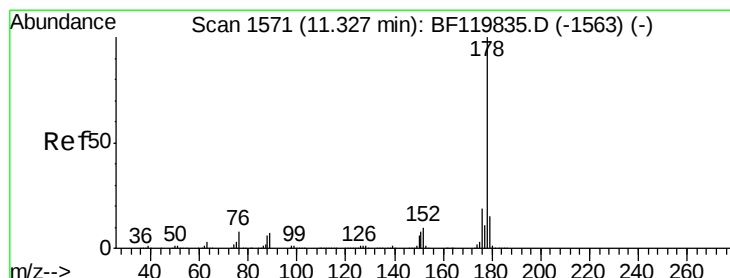
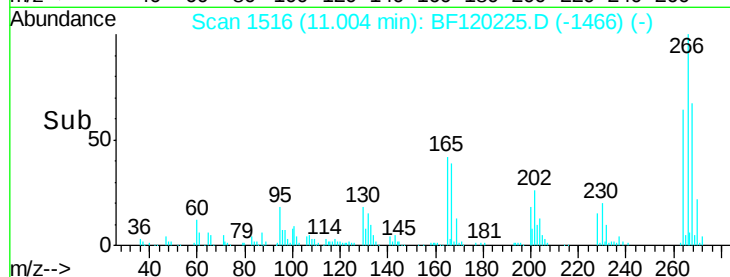
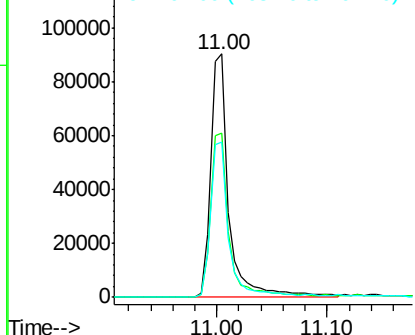
#70
 Pentachlorophenol
 Concen: 28.342 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 101732
 Ion Ratio Lower Upper
 266 100
 268 67.5 53.3 79.9
 264 63.6 49.0 73.4

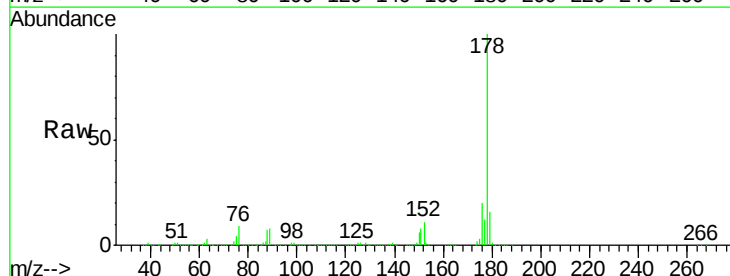


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

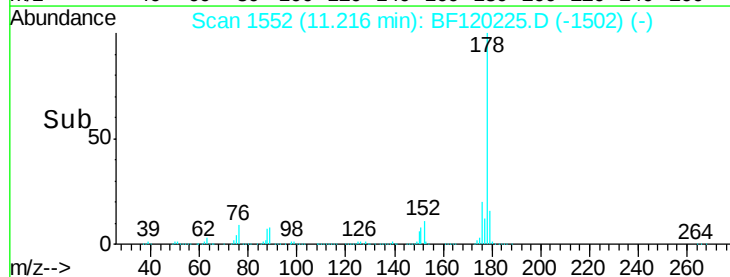
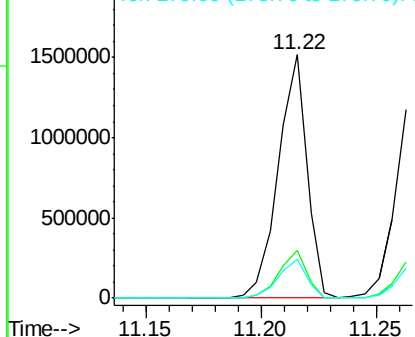


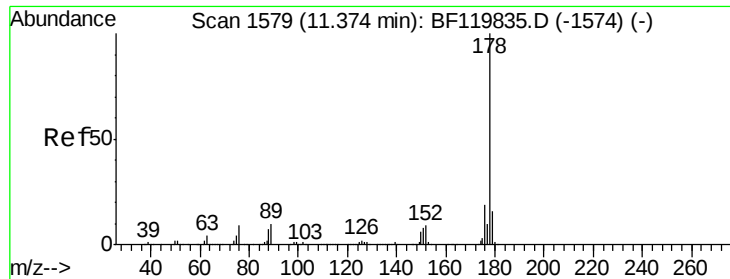
#71
 Phenanthrene
 Concen: 49.756 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:178 Resp: 1307413
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.9 13.2 19.8



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: 50.477 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

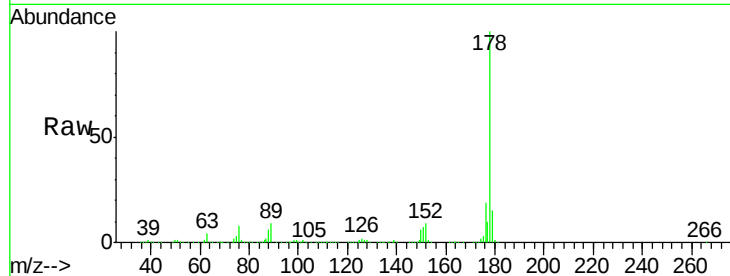
Tot Ion:178 Resp: 1354935

Ion Ratio Lower Upper

178 100

176 19.1 16.1 24.1

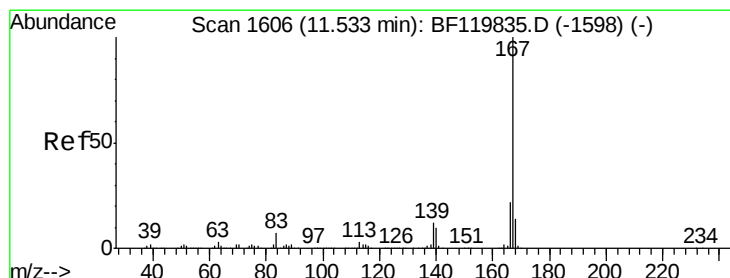
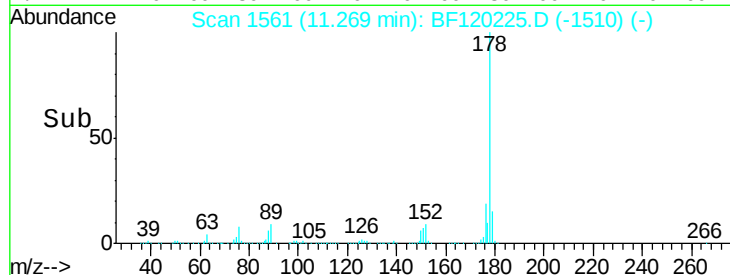
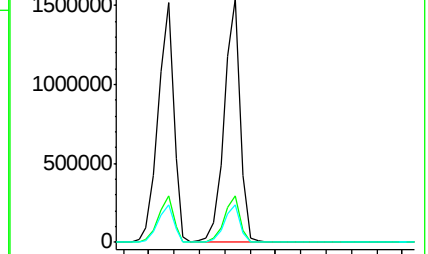
179 15.5 13.0 19.4



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



#73

Carbazole

Concen: 49.132 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

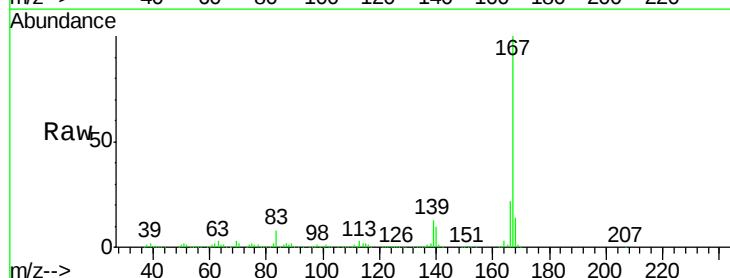
Tgt Ion:167 Resp: 1247204

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.4

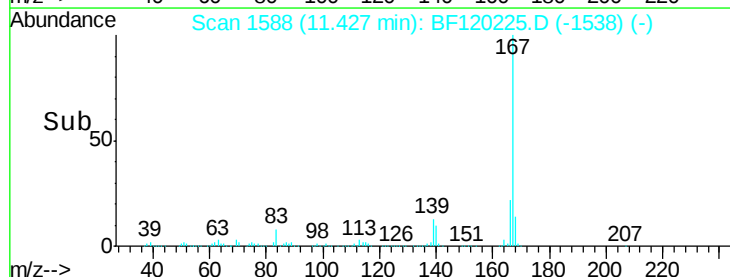
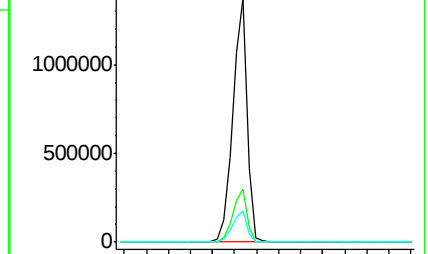
139 13.0 10.7 16.1

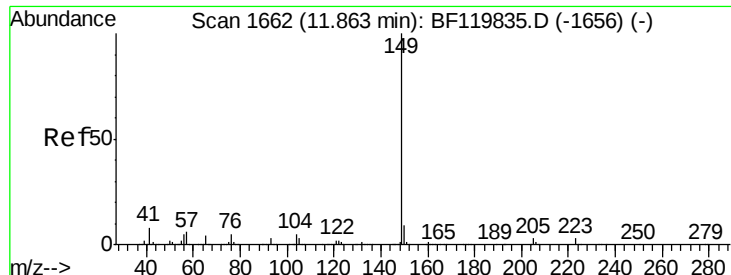


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 47.645 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

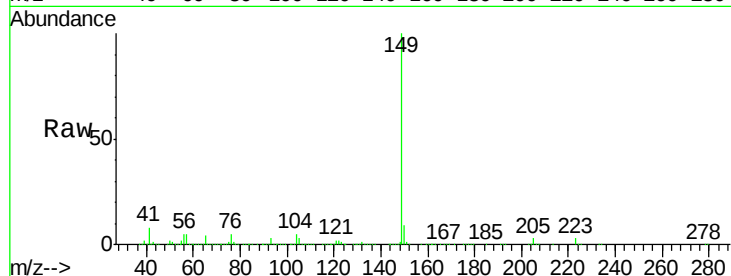
Tot Ion:149 Resp: 1589951

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

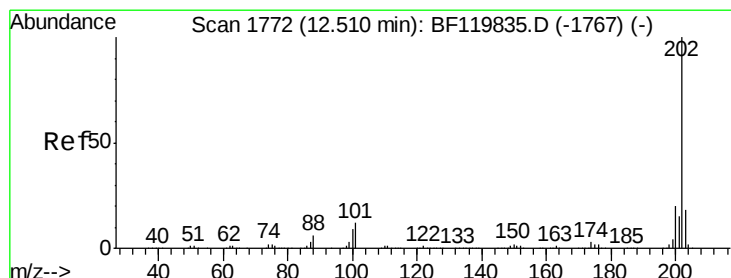
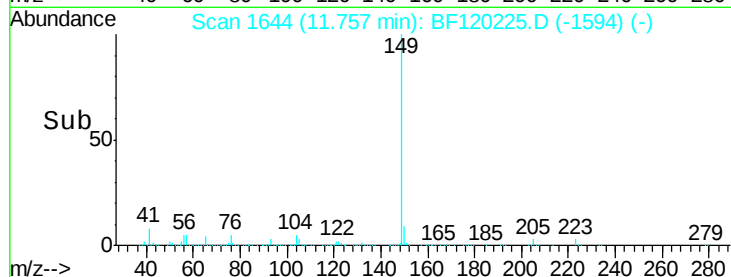
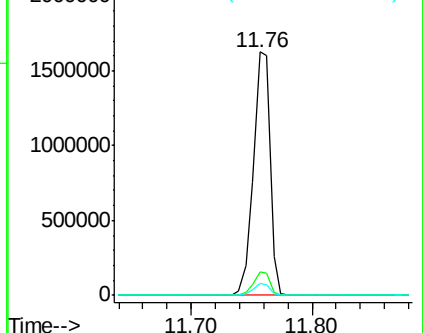
104 4.7 3.6 5.4



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: 49.614 ng

RT: 12.40 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

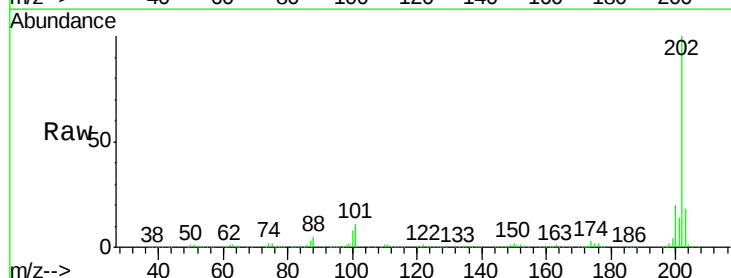
Tgt Ion:202 Resp: 1406658

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.2

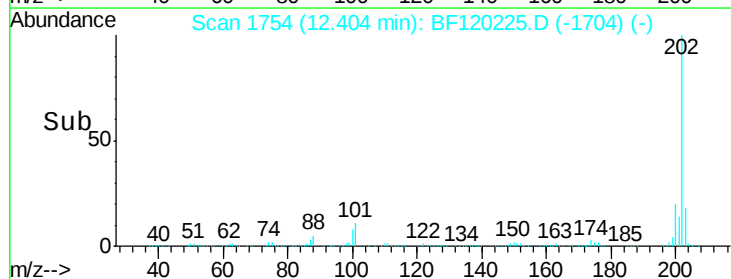
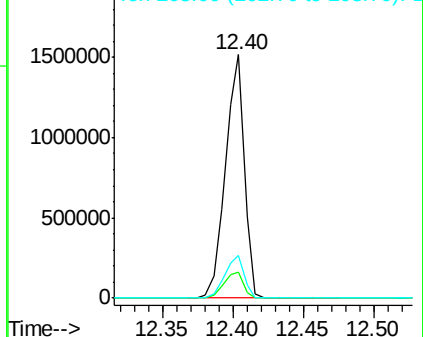
203 17.7 0.0 38.8

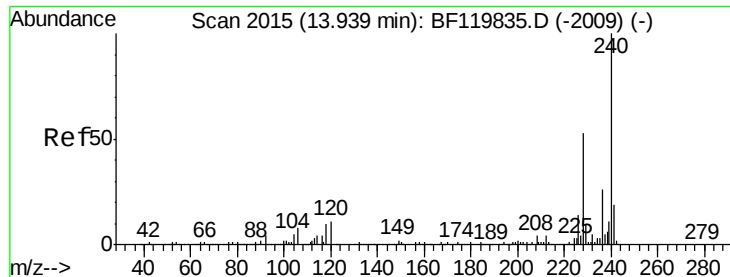


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

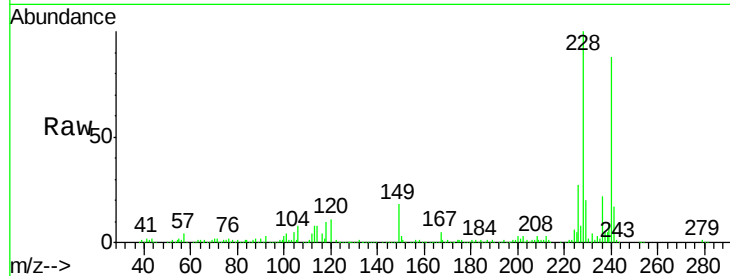
Tot Ion:240 Resp: 332099

Ion Ratio Lower Upper

240 100

120 12.9 10.6 15.8

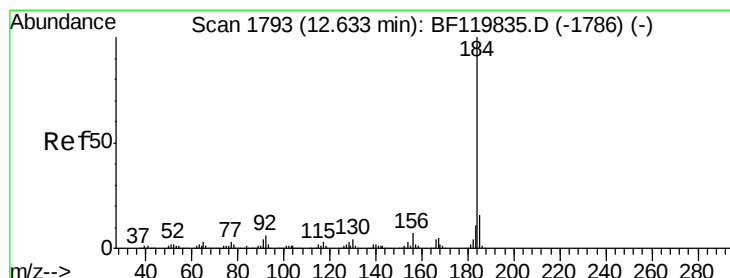
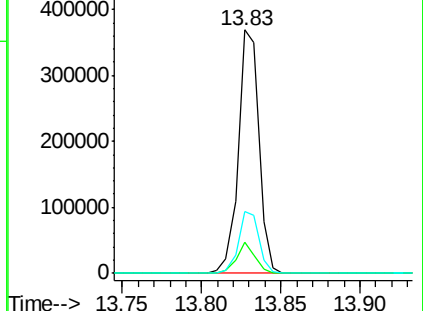
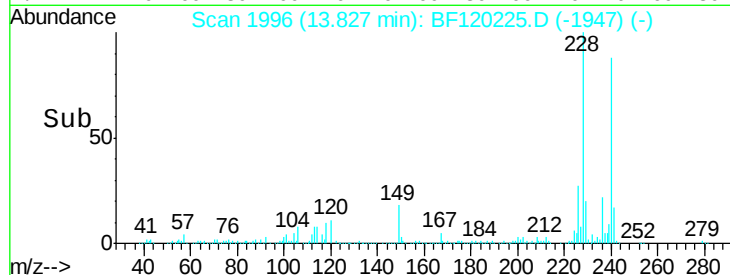
236 25.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 74.687 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

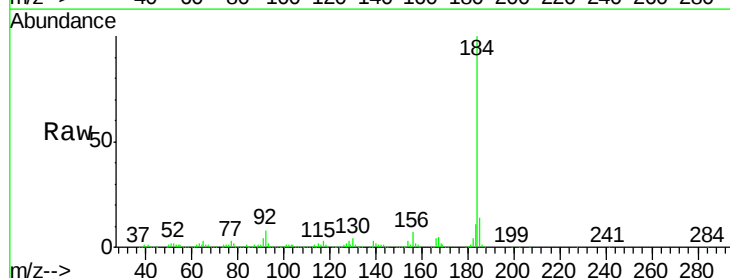
Tgt Ion:184 Resp: 838429

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

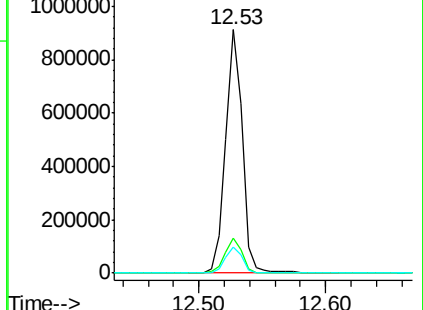
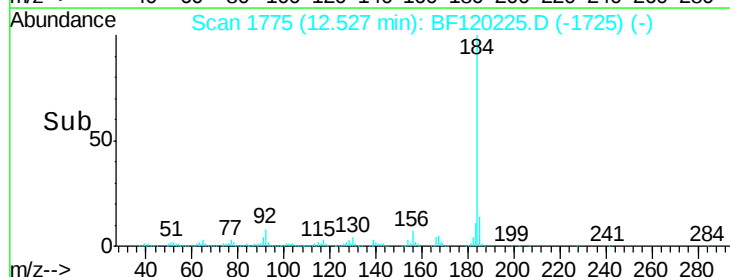
183 10.9 9.0 13.6

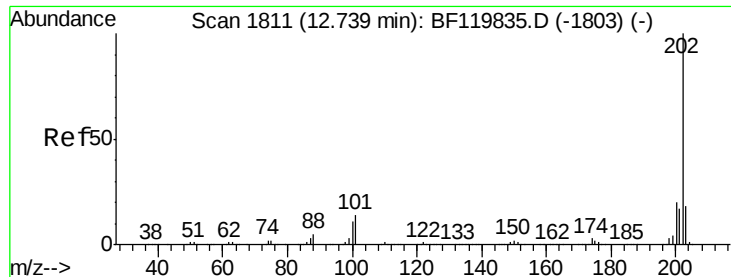


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

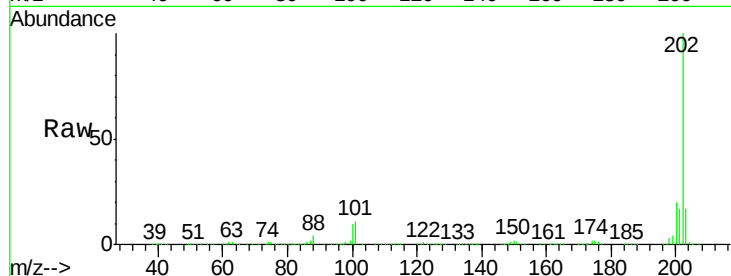




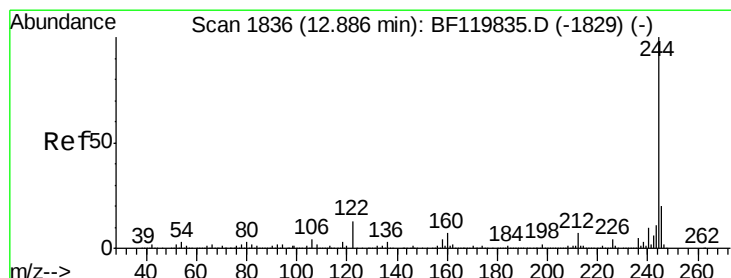
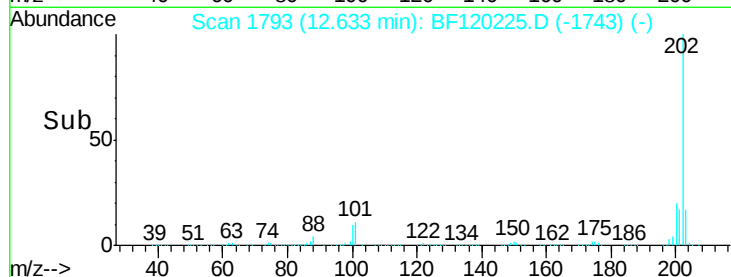
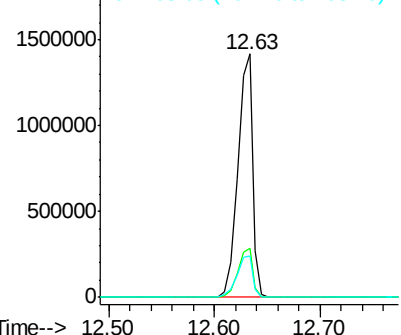
#78
Pvrene
Concen: 49.650 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1390021
Ion Ratio Lower Upper
202 100
200 20.2 16.8 25.2
203 17.2 15.1 22.7

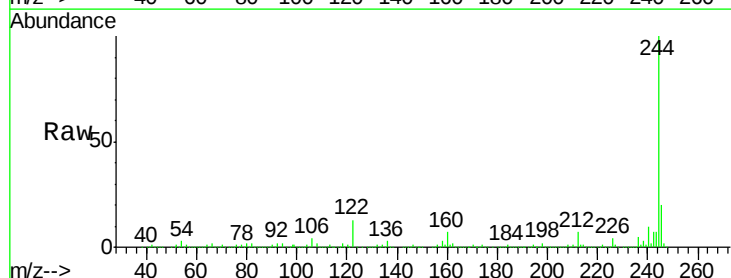


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

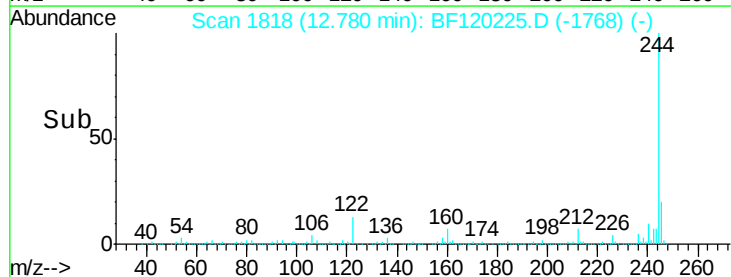
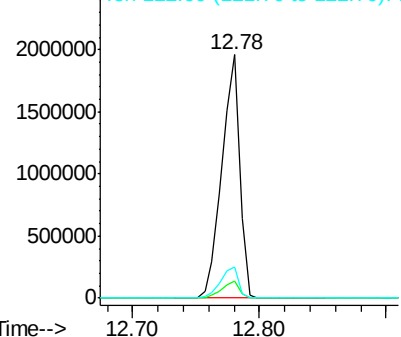


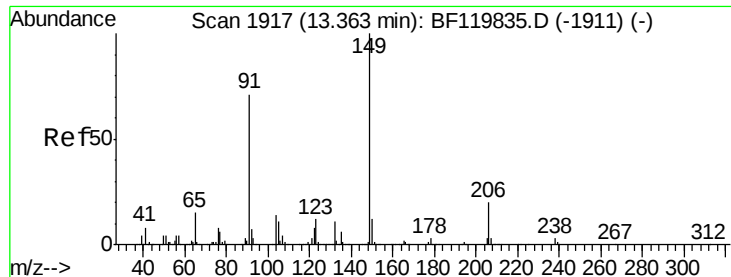
#79
Terphenyl-d14
Concen: 95.554 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:244 Resp: 1885916
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.6 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

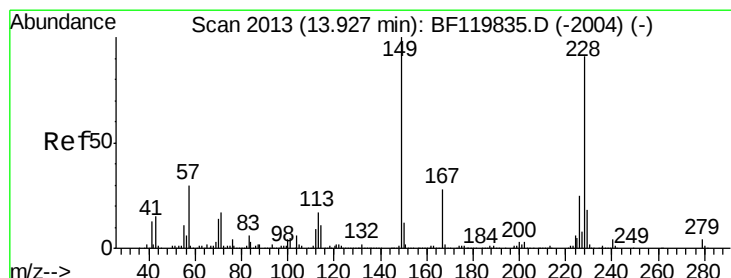
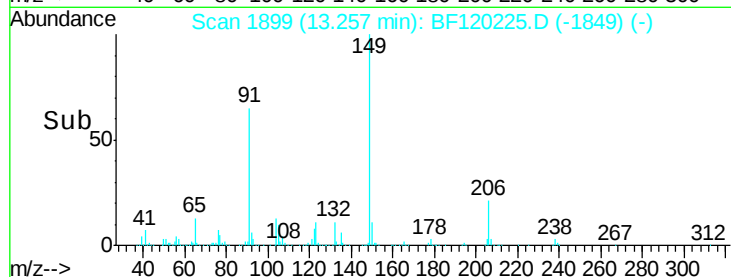
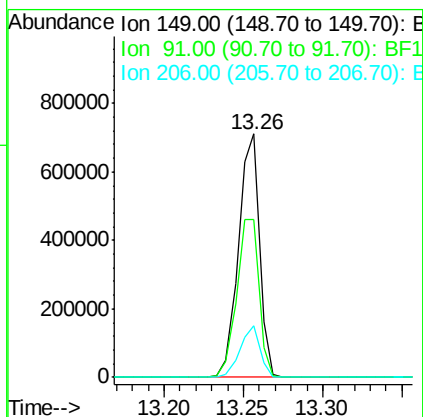
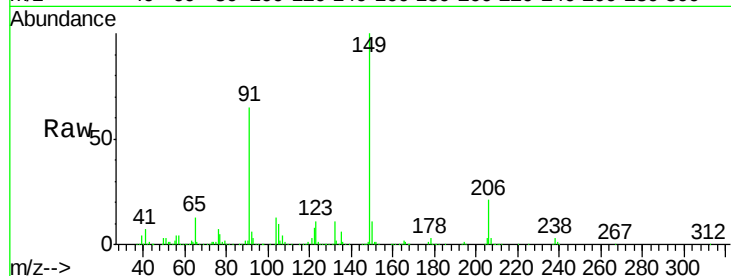




#80
Butylbenzylphthalate
Concen: 48.032 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

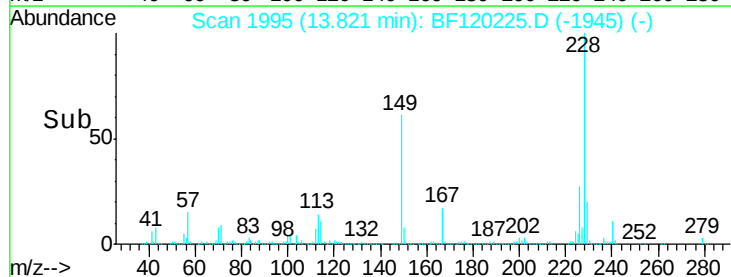
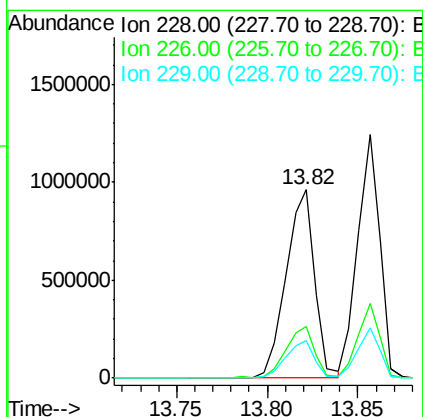
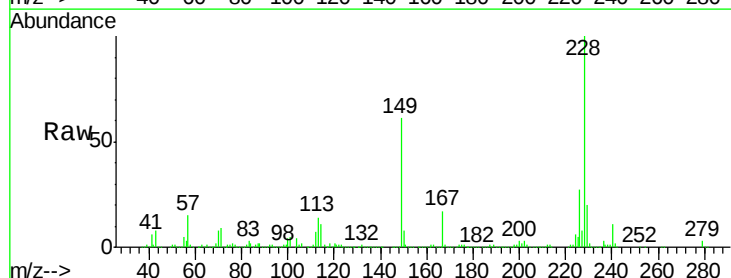
Instrument :
BNA_F
ClientSampleId :

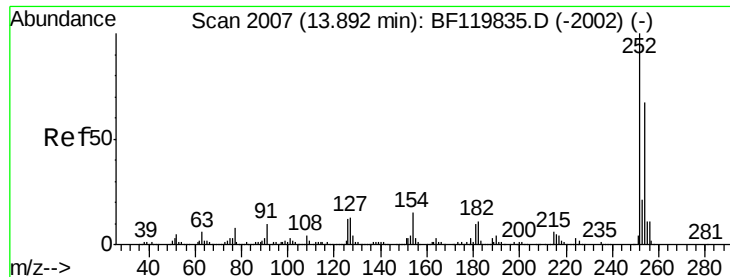
Tot Ion:149 Resp: 652516
Ion Ratio Lower Upper
149 100
91 64.6 54.7 82.1
206 21.2 16.2 24.2



#81
Benzo(a)anthracene
Concen: 48.442 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:228 Resp: 1058345
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.8 16.2 24.4





#82

3,3'-Dichlorobenzidine

Concen: 45.142 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampled :

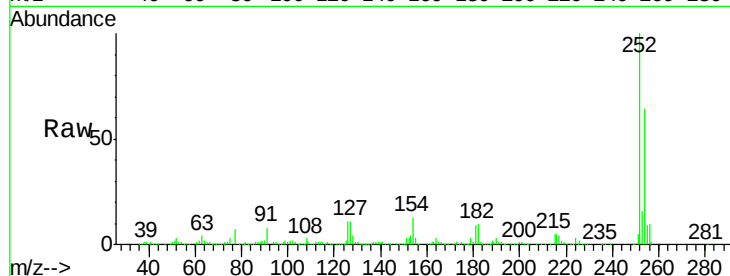
Tot Ion:252 Resp: 367993

Ion Ratio Lower Upper

252 100

254 63.9 51.2 76.8

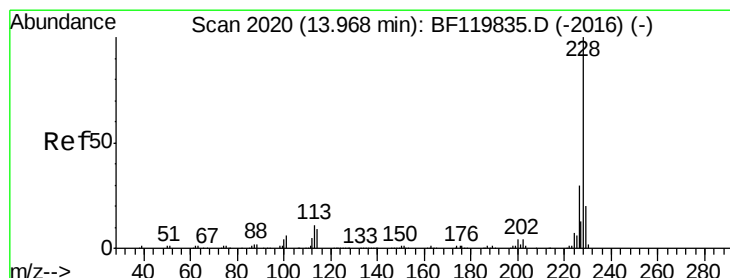
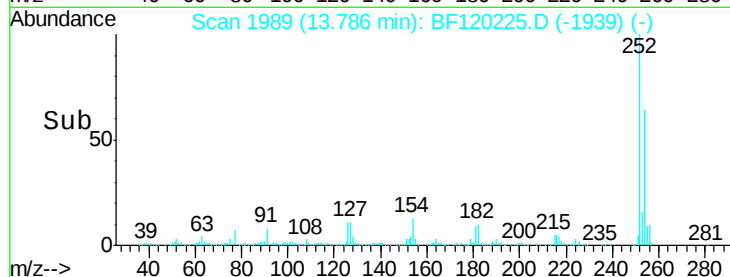
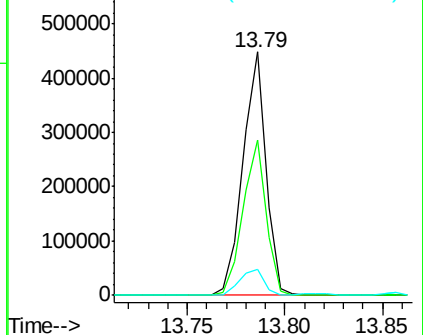
126 10.9 9.6 14.4



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: 47.918 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

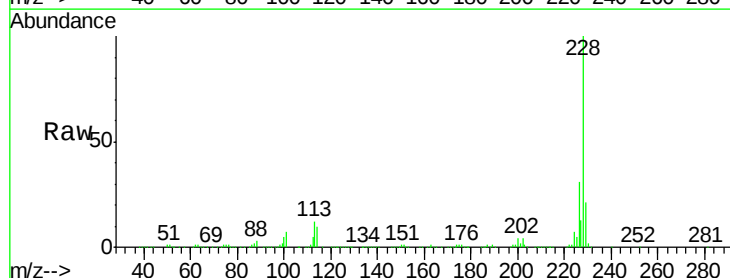
Tgt Ion:228 Resp: 1063727

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

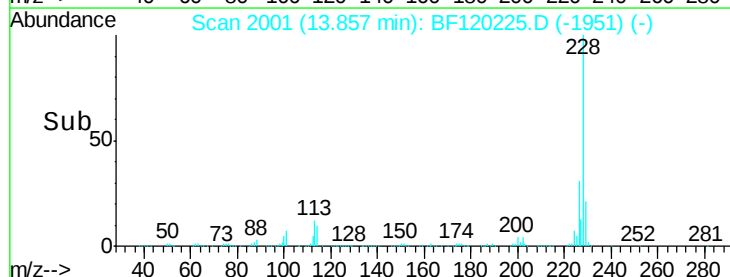
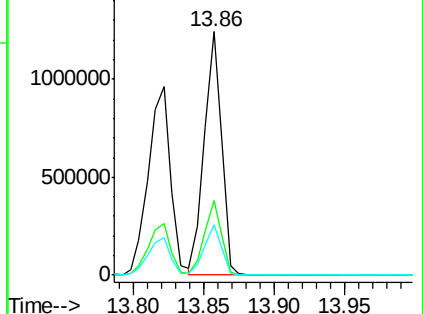
229 20.8 16.6 24.8

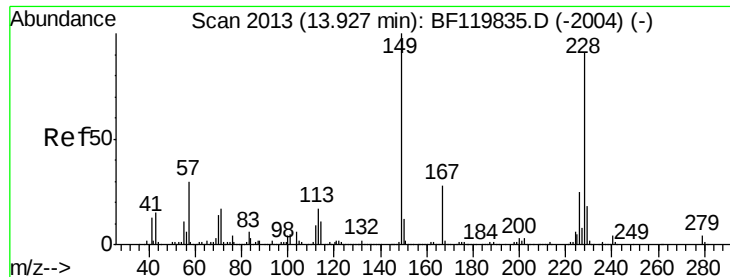


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.236 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

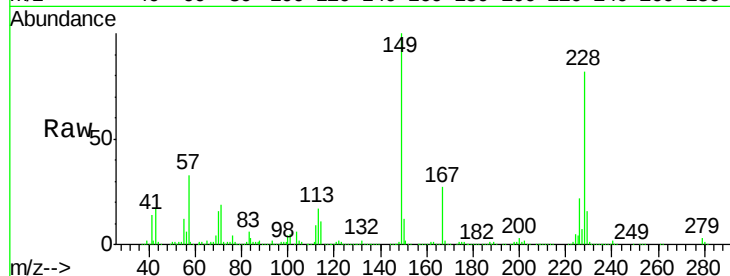
Tot Ion:149 Resp: 868982

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

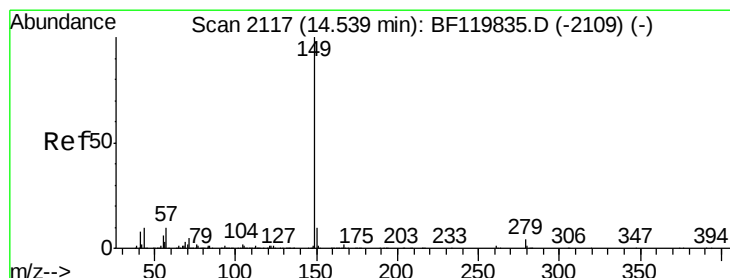
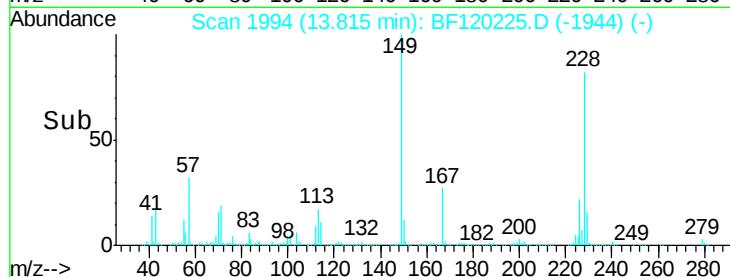
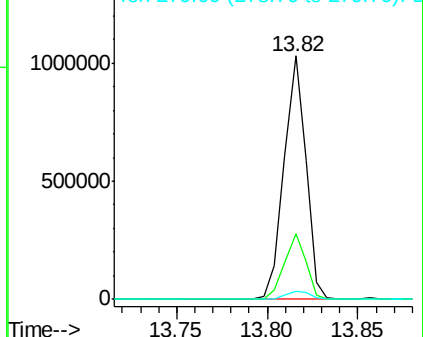
279 3.4 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 46.746 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

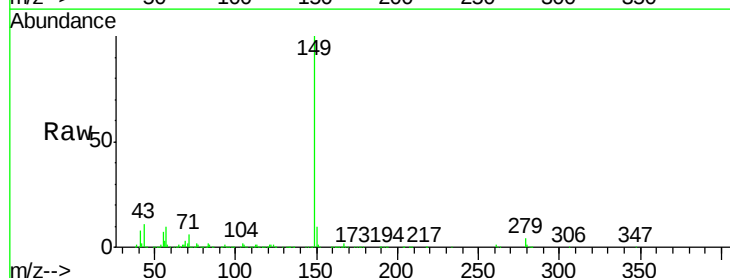
Tgt Ion:149 Resp: 1464236

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

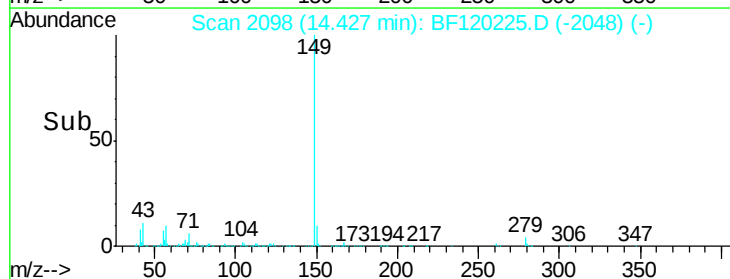
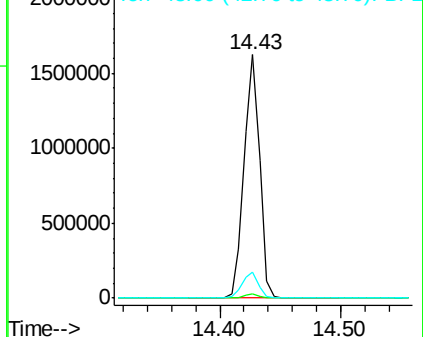
43 10.8 9.3 13.9

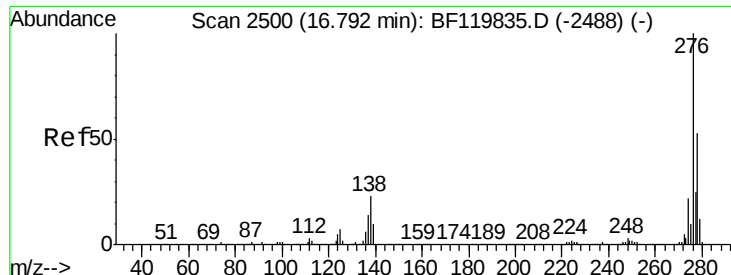


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

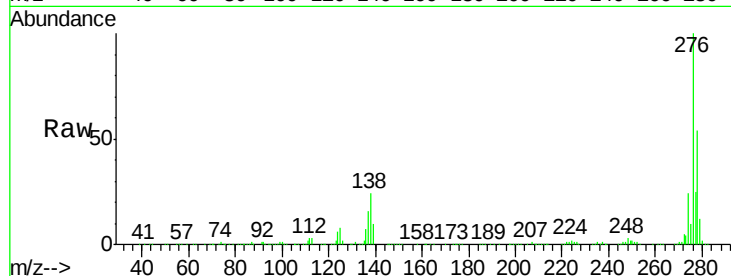




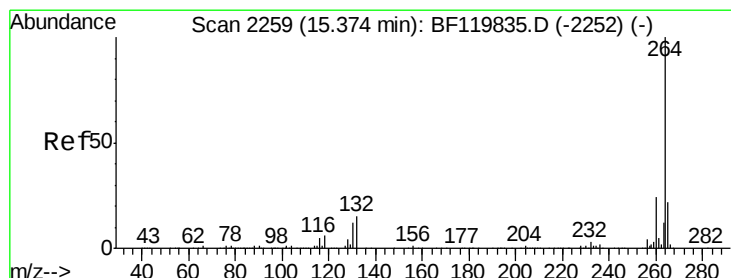
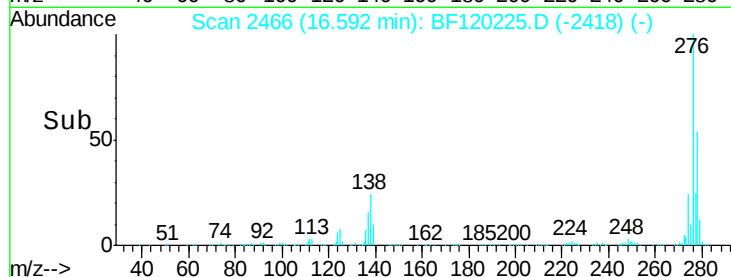
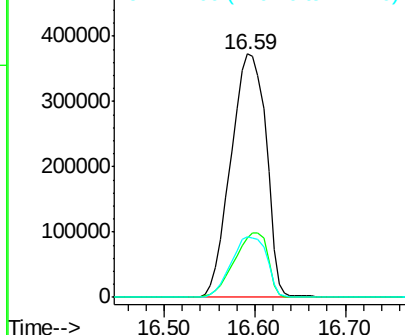
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.542 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.02 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1008596
 Ion Ratio Lower Upper
 276 100
 138 25.3 19.6 29.4
 277 25.2 20.0 30.0

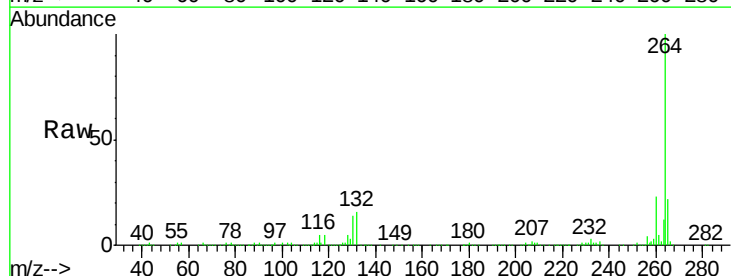


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

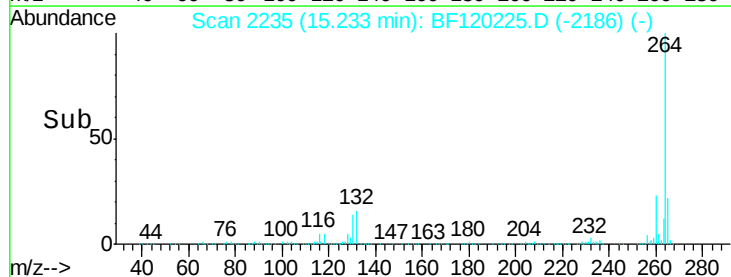
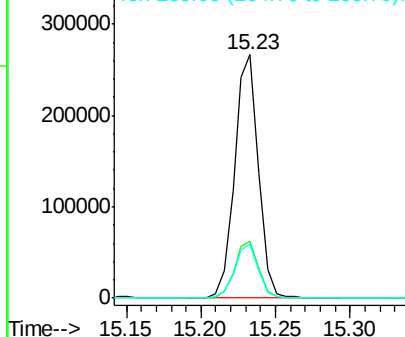


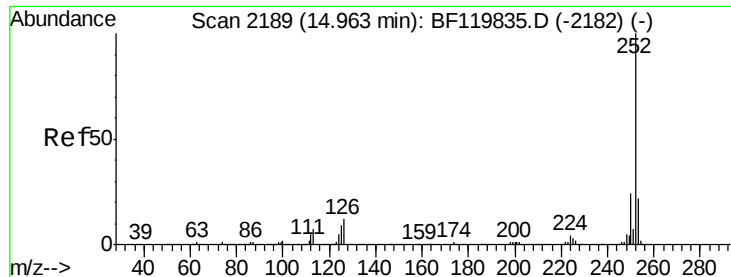
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120225.D
 Acq: 27 Apr 2020 18:05

Tgt Ion:264 Resp: 295804
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.3 17.7 26.5



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

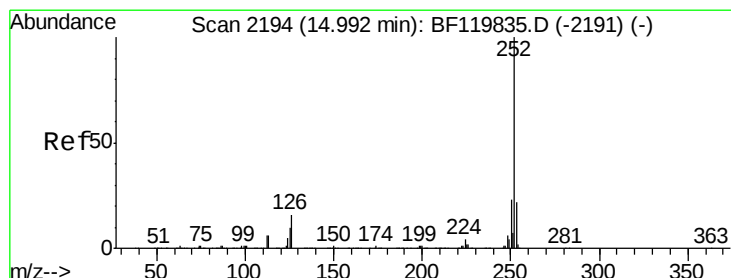
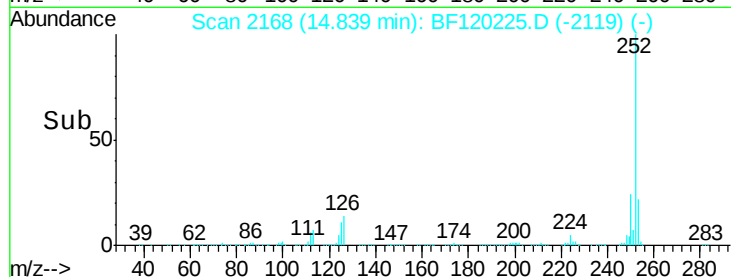
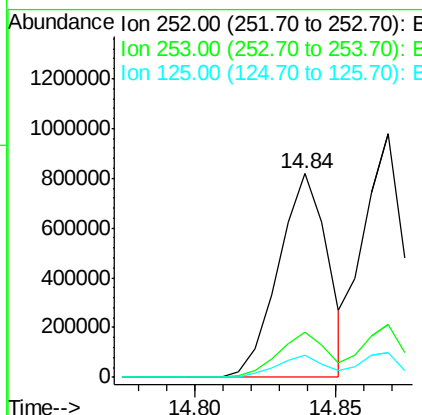
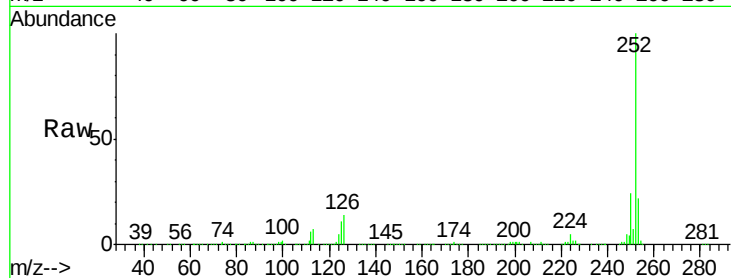




#88
Benzo(b)fluoranthene
Concen: 46.434 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

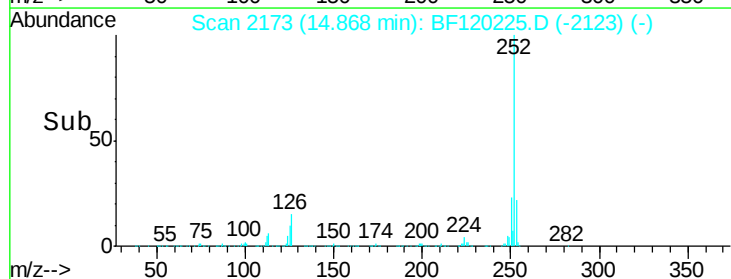
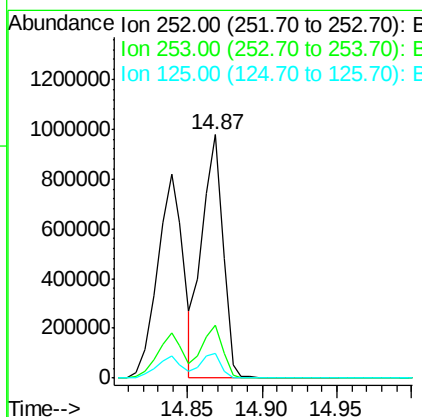
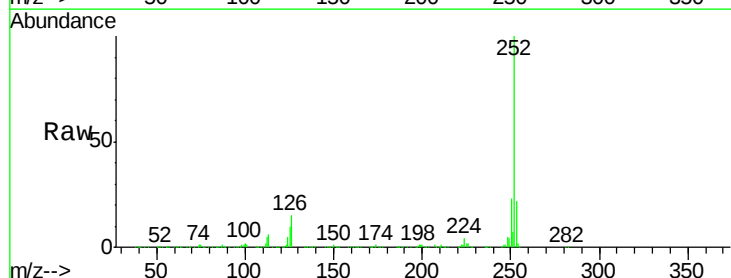
Instrument :
BNA_F
ClientSampled :

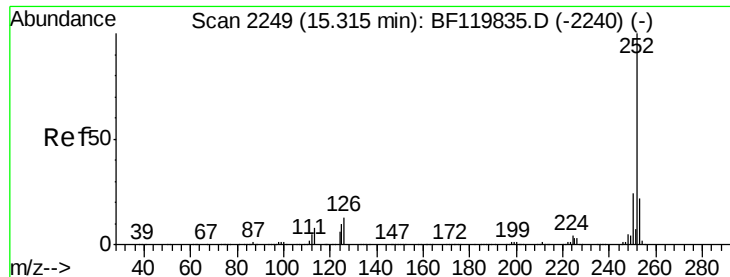
Tot Ion:252 Resp: 988086
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.6 7.9 11.9



#89
Benzo(k)fluoranthene
Concen: 51.319 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF120225.D
Acq: 27 Apr 2020 18:05

Tgt Ion:252 Resp: 942234
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 10.3 8.4 12.6





#90

Benzo(a)pyrene

Concen: 48.259 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

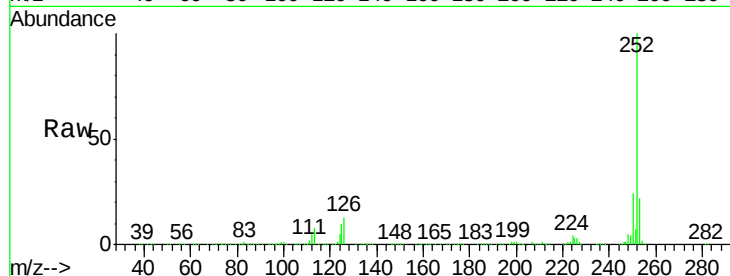
Tot Ion:252 Resp: 863433

Ion Ratio Lower Upper

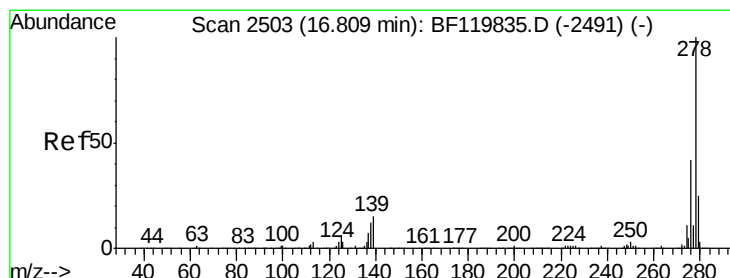
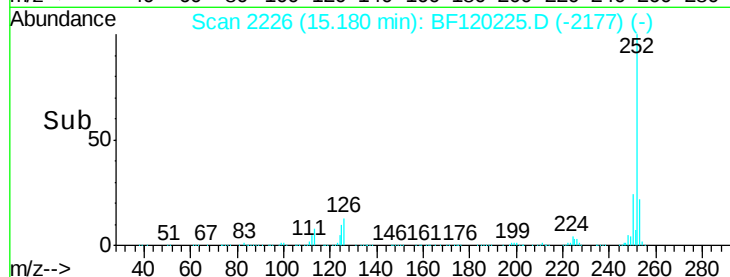
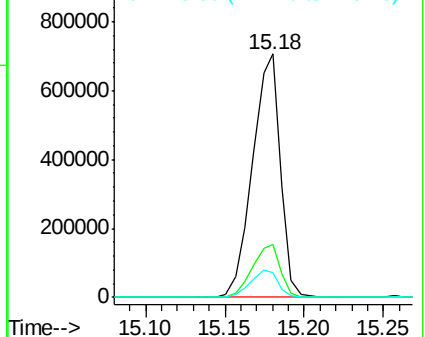
252 100

253 21.7 18.2 27.2

125 10.3 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 53.821 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.02 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

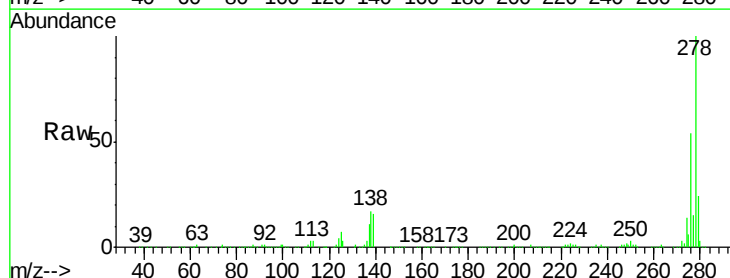
Tgt Ion:278 Resp: 852979

Ion Ratio Lower Upper

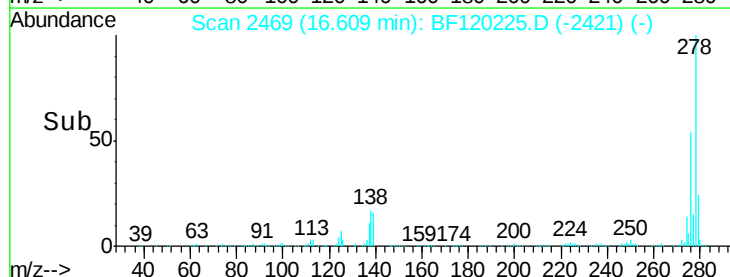
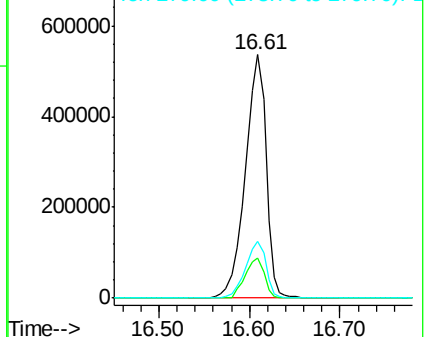
278 100

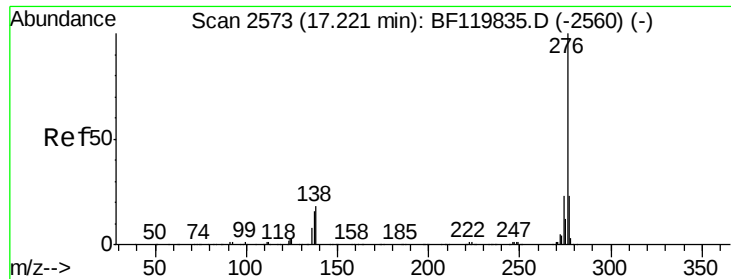
139 16.3 12.6 19.0

279 23.5 19.0 28.6



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(a,h,i)perylene

Concen: 53.684 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF120225.D

Acq: 27 Apr 2020 18:05

Instrument :

BNA_F

ClientSampleId :

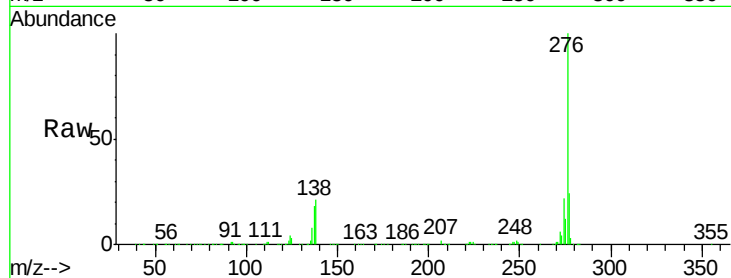
Tot Ion: 276 Resp: 839821

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 20.7 15.4 23.0



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

