

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120939.D
 Acq On : 20 Jul 2020 18:13
 Operator : JU/CG
 Sample : PB130317BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Quant Time: Jul 20 18:59:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	218495	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	851918	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	450442	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	865234	20.00	ng	0.00
76) Chrysene-d12	13.98	240	642333	20.00	ng	0.00
86) Perylene-d12	15.43	264	611054	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1699634	127.52	ng	0.02
7) Phenol-d6	6.46	99	2146105	124.65	ng	0.02
23) Nitrobenzene-d5	7.39	82	1382009	93.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	632337	128.25	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	2283939	75.70	ng	0.00
79) Terphenyl-d14	12.93	244	2561429	86.68	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	228585	37.265	ng	99
3) Pyridine	3.35	79	654651	40.119	ng	99
4) n-Nitrosodimethylamine	3.30	42	304668	43.664	ng	94
6) Aniline	6.48	93	807646	35.938	ng	92
8) 2-Chlorophenol	6.60	128	672060	45.772	ng	99
9) Benzaldehyde	6.37	77	342084	41.390	ng	97
10) Phenol	6.47	94	742700	39.216	ng	78
11) bis(2-Chloroethyl)ether	6.56	93	625722	43.111	ng	99
12) 1,3-Dichlorobenzene	6.76	146	661233	41.532	ng	99
13) 1,4-Dichlorobenzene	6.83	146	659712	41.671	ng	99
14) 1,2-Dichlorobenzene	6.99	146	592915	39.588	ng	98
15) Benzyl Alcohol	6.96	79	486176	39.931	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	878046	41.971	ng	99
17) 2-Methylphenol	7.08	107	527312	40.520	ng	98
18) Hexachloroethane	7.33	117	247425	43.180	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	416828	42.577	ng	97
20) 3+4-Methylphenols	7.23	107	571555	34.526	ng	94
22) Acetophenone	7.23	105	777854	40.684	ng	# 93
24) Nitrobenzene	7.40	77	652880	41.143	ng	99
25) Isophorone	7.65	82	1235758	42.056	ng	99
26) 2-Nitrophenol	7.72	139	359200	47.662	ng	97
27) 2,4-Dimethylphenol	7.76	122	543672	44.431	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	787871	43.926	ng	100
29) 2,4-Dichlorophenol	7.96	162	549053	43.911	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	578065	41.670	ng	98
31) Naphthalene	8.13	128	1770165	40.508	ng	99
32) Benzoic acid	7.90	122	453681	49.392	ng	99
33) 4-Chloroaniline	8.17	127	648877	33.286	ng	98
34) Hexachlorobutadiene	8.24	225	327722	40.074	ng	99
35) Caprolactam	8.56	113	124576	31.068	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	575184	44.853	ng	97
37) 2-Methylnaphthalene	8.82	142	1197045	42.188	ng	98
38) 1-Methylnaphthalene	8.92	142	1137458	42.327	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	521288	39.720	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	570192	78.611	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	417947	45.230	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	434128	41.418	ng	99
46) 1,1'-Biphenyl	9.28	154	1404507	40.877	ng	98
47) 2-Chloronaphthalene	9.30	162	1131320	40.385	ng	100
48) 2-Nitroaniline	9.40	65	373863	44.161	ng	91
49) Acenaphthylene	9.72	152	1772683	40.733	ng	100
50) Dimethylphthalate	9.59	163	1378851	42.431	ng	99
51) 2,6-Dinitrotoluene	9.65	165	319901	45.821	ng	91
52) Acenaphthene	9.89	154	1088900	39.355	ng	100
53) 3-Nitroaniline	9.82	138	293724	33.545	ng	96
54) 2,4-Dinitrophenol	9.92	184	336659	83.453	ng	# 84
55) Dibenzofuran	10.06	168	1604922	40.111	ng	99
56) 4-Nitrophenol	9.99	139	573236	86.183	ng	94
57) 2,4-Dinitrotoluene	10.05	165	420625	45.878	ng	97
58) Fluorene	10.41	166	1141357	38.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	371219	46.515	ng	96
60) Diethylphthalate	10.29	149	1377651	41.913	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	555484	34.899	ng	98
62) 4-Nitroaniline	10.43	138	362532	42.504	ng	96
63) Azobenzene	10.56	77	1290532	41.241	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	236555	47.300	ng	93
66) n-Nitrosodiphenylamine	10.52	169	1144166	42.036	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	401617	41.633	ng	96
68) Hexachlorobenzene	10.95	284	448596	42.989	ng	95
69) Atrazine	11.05	200	341918	50.723	ng	99
70) Pentachlorophenol	11.15	266	490811	82.101	ng	99
71) Phenanthrene	11.37	178	1783220	40.073	ng	99
72) Anthracene	11.42	178	1809010	40.485	ng	99
73) Carbazole	11.57	167	1743438	39.316	ng	99
74) Di-n-butylphthalate	11.90	149	2118910	41.406	ng	99
75) Fluoranthene	12.56	202	1975986	40.061	ng	98
77) Benzidine	12.67	184	1046254	61.952	ng	99
78) Pyrene	12.79	202	1996898	43.972	ng	99
80) Butylbenzylphthalate	13.40	149	928118	45.845	ng	96
81) Benzo(a)anthracene	13.97	228	1551851	39.897	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	596309	40.636	ng	99
83) Chrysene	14.01	228	1721758	42.121	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1046061	41.903	ng	# 100
85) Di-n-octyl phthalate	14.57	149	2168770	43.667	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1605191	37.772	ng	99
88) Benzo(b)fluoranthene	15.01	252	1874474	50.749	ng	99
89) Benzo(k)fluoranthene	15.04	252	1508036	44.768	ng	100
90) Benzo(a)pyrene	15.37	252	1515170	44.962	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1332295	38.380	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1275703	37.272	ng	98

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

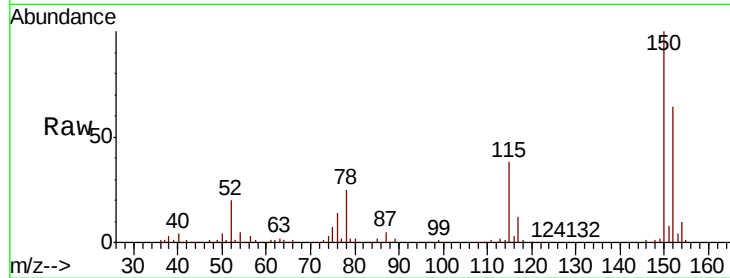


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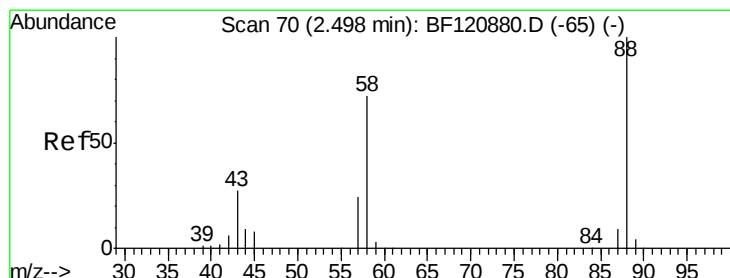
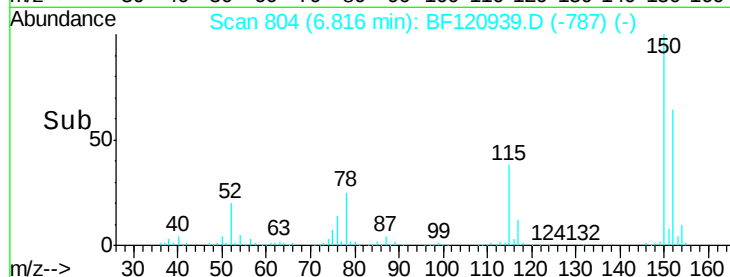
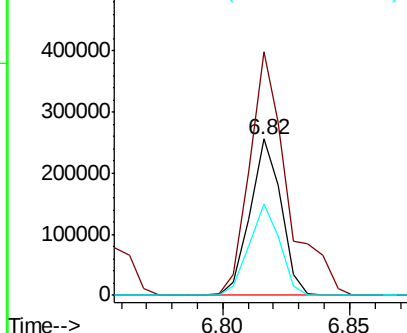
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:152 Resp: 218495
Ion Ratio Lower Upper
152 100
150 155.7 125.0 187.6
115 58.6 47.0 70.4



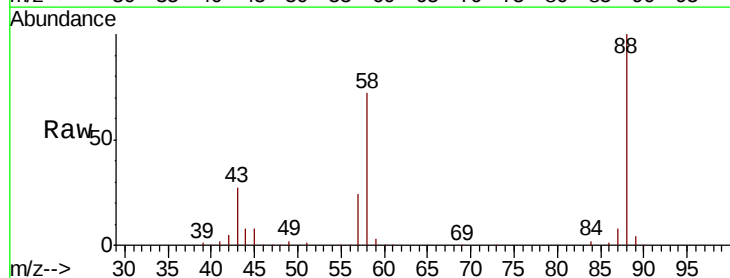
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



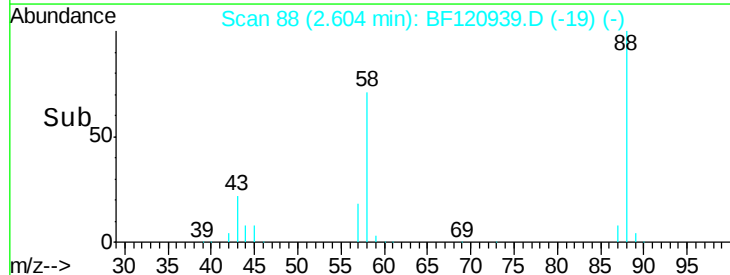
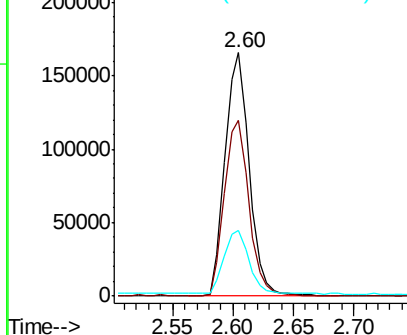
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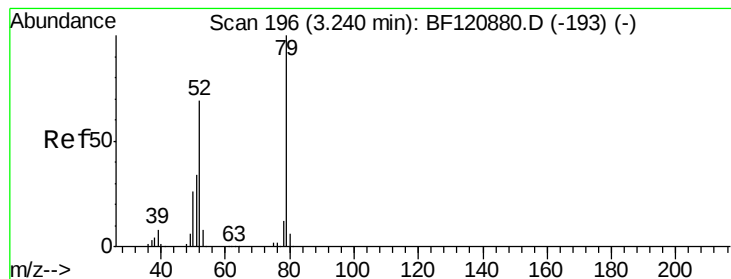
1,4-Dioxane
Concen: 37.265 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.11 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion: 88 Resp: 228585
Ion Ratio Lower Upper
88 100
58 73.1 58.2 87.2
43 26.9 22.1 33.1



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: 40.119 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.11 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

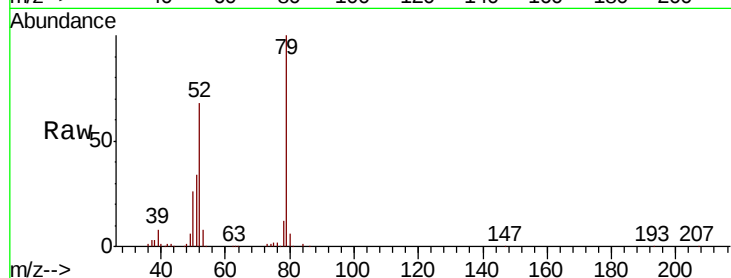
Tot Ion: 79 Resp: 654651

Ion Ratio Lower Upper

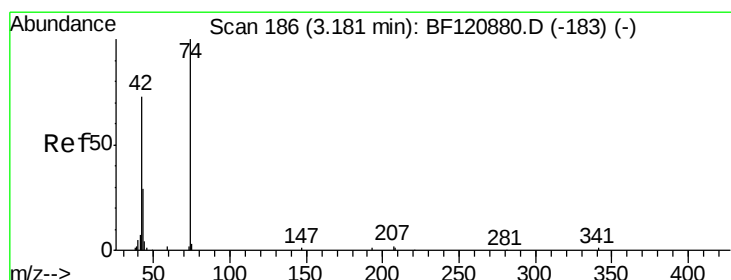
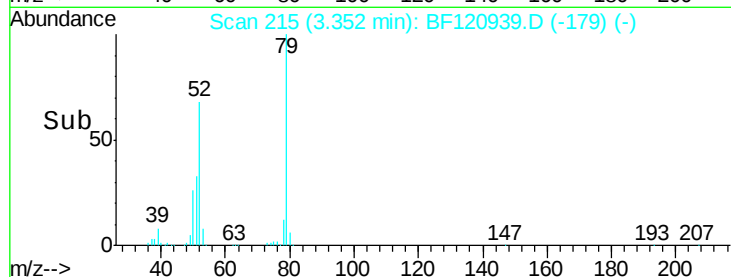
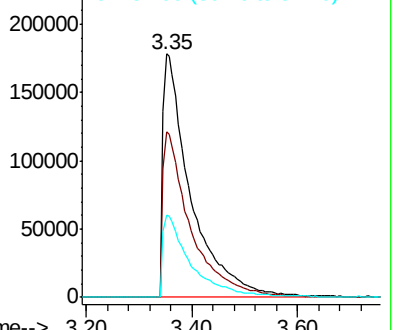
79 100

52 67.8 55.0 82.6

51 33.6 26.9 40.3



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



#4

n-Nitrosodimethylamine

Concen: 43.664 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.12 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

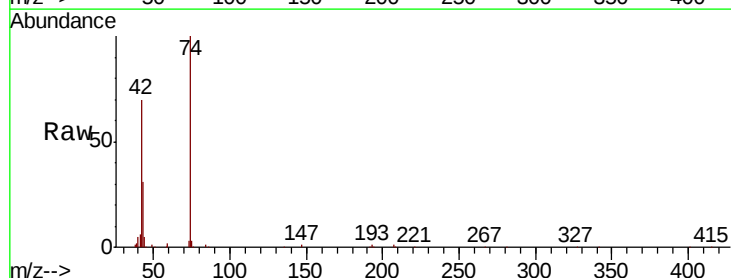
Tgt Ion: 42 Resp: 304668

Ion Ratio Lower Upper

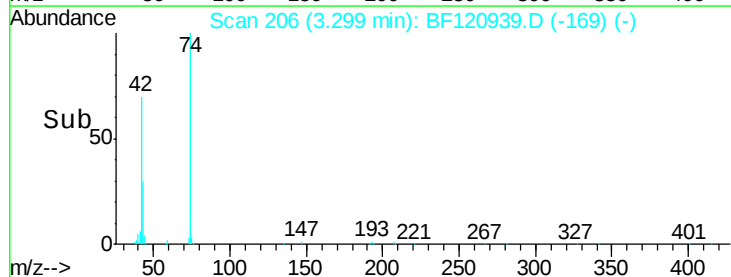
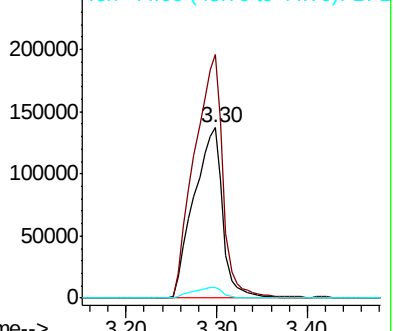
42 100

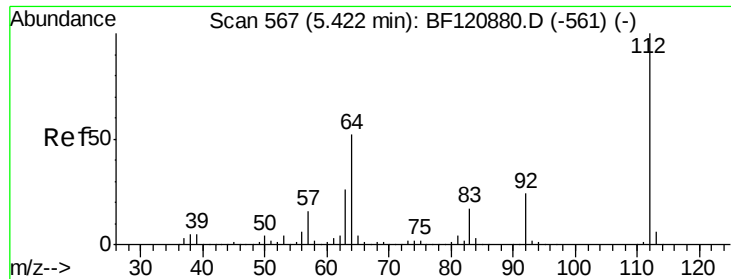
74 143.0 108.7 163.1

44 6.4 5.2 7.8



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





#5

2-Fluorophenol

Concen: 127.523 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

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ClientSampleId :

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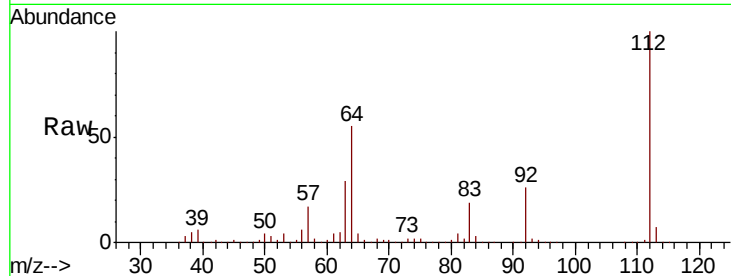
Tot Ion:112 Resp: 1699634

Ion Ratio Lower Upper

112 100

64 55.2 41.3 61.9

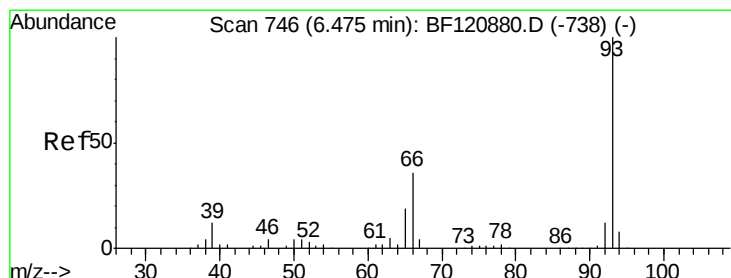
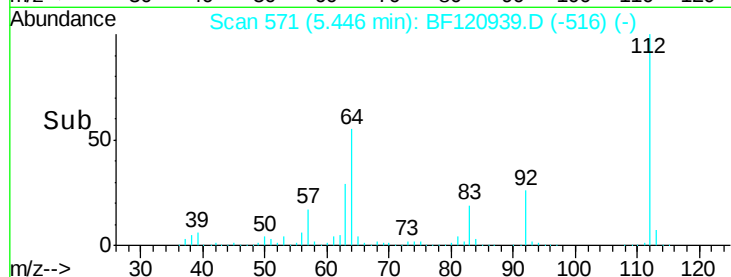
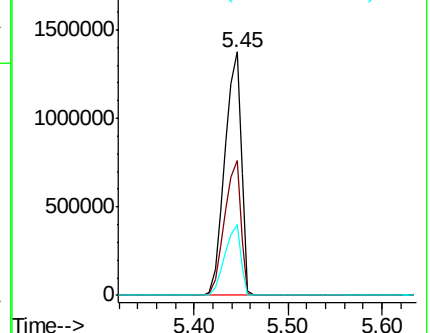
63 29.3 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.938 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

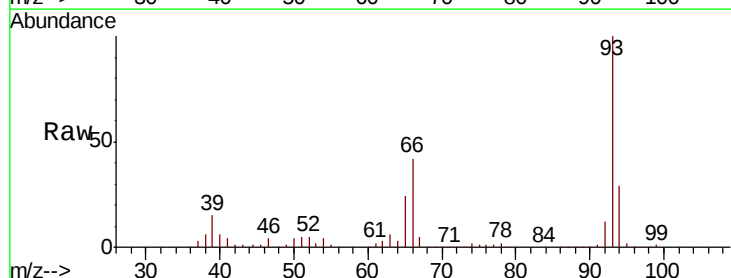
Tgt Ion: 93 Resp: 807646

Ion Ratio Lower Upper

93 100

66 42.0 30.2 45.4

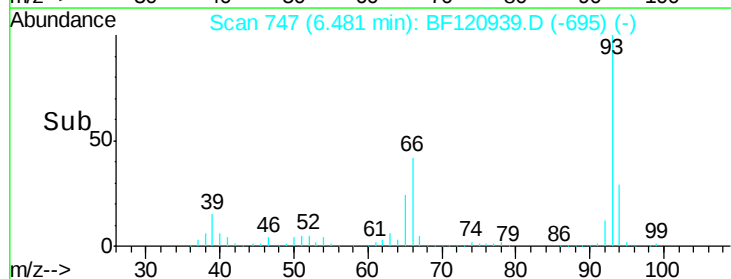
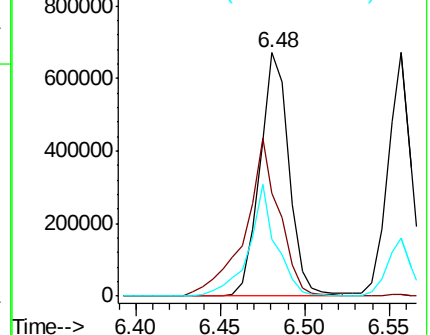
65 23.6 15.8 23.6



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: 124.654 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF120939.D

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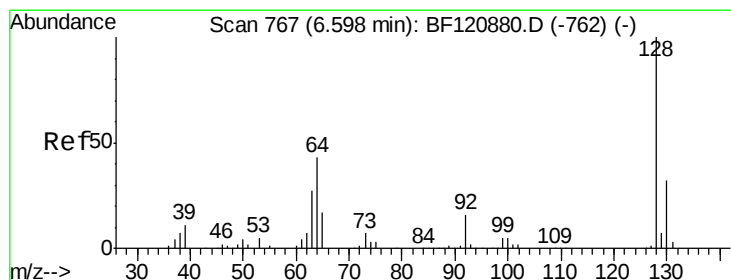
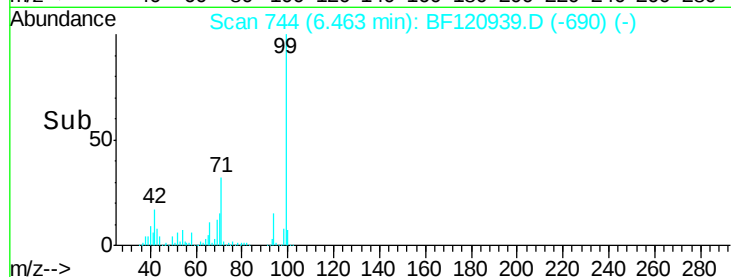
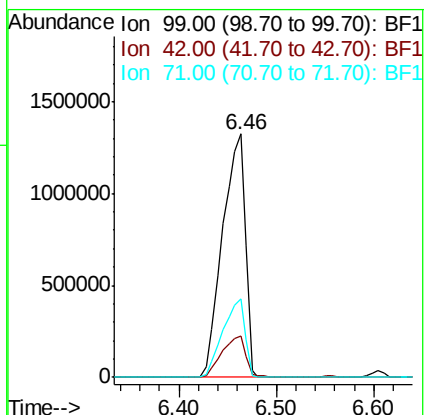
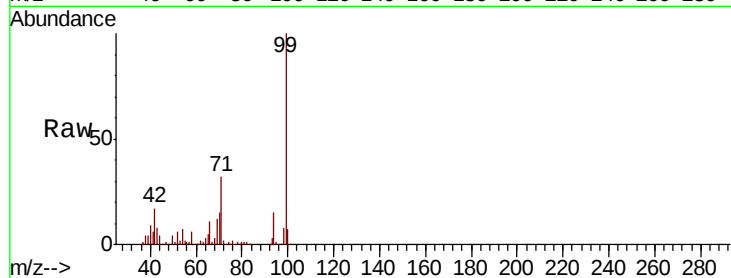
Tot Ion: 99 Resp: 2146105

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 32.3 24.2 36.4



#8

2-Chlorophenol

Concen: 45.772 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

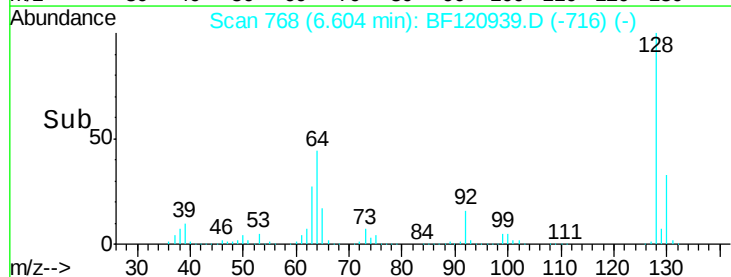
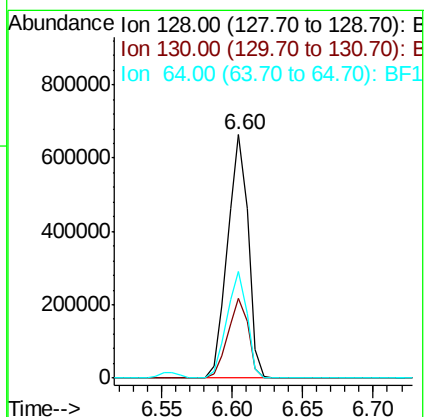
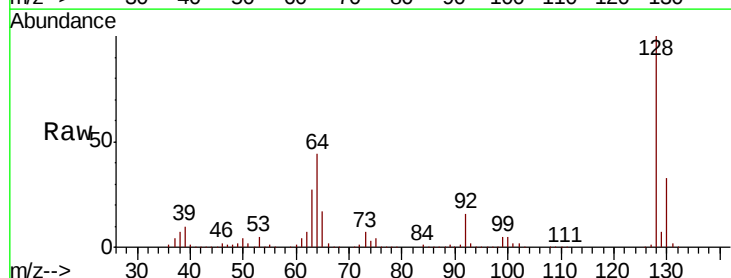
Tgt Ion: 128 Resp: 672060

Ion Ratio Lower Upper

128 100

130 33.0 12.1 52.1

64 43.7 24.0 64.0





#9

Benzaldehyde

Concen: 41.390 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

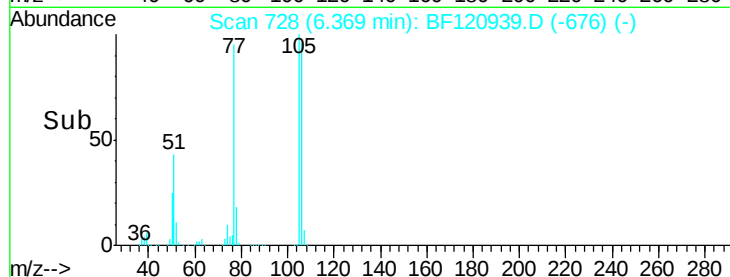
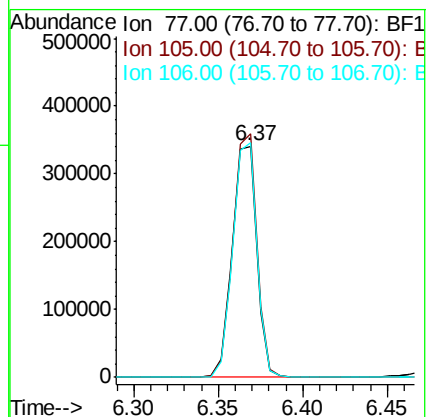
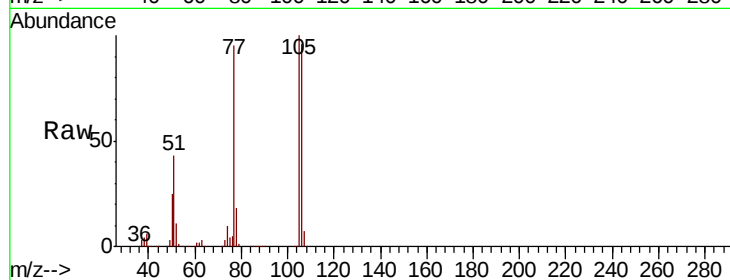
Tot Ion: 77 Resp: 342084

Ion Ratio Lower Upper

77 100

105 105.5 82.5 122.5

106 101.5 78.7 118.7



#10

Phenol

Concen: 39.216 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

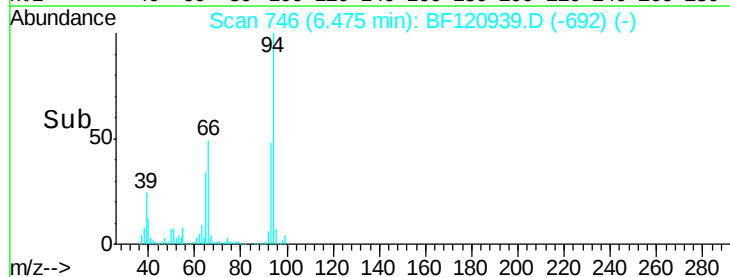
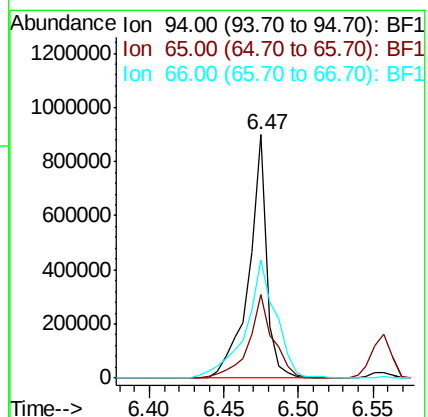
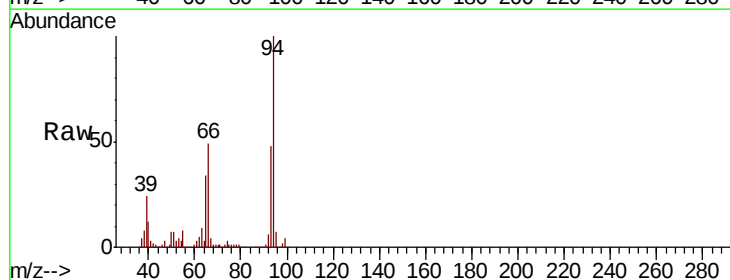
Tgt Ion: 94 Resp: 742700

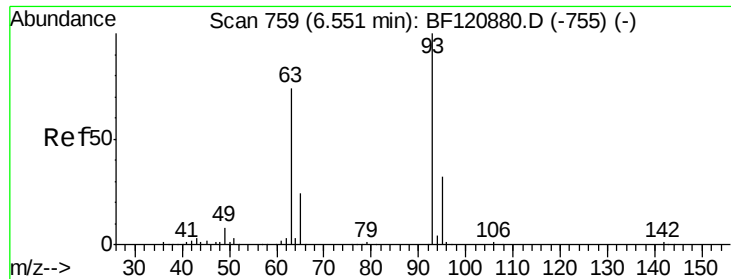
Ion Ratio Lower Upper

94 100

65 34.2 6.6 46.6

66 48.6 13.2 53.2

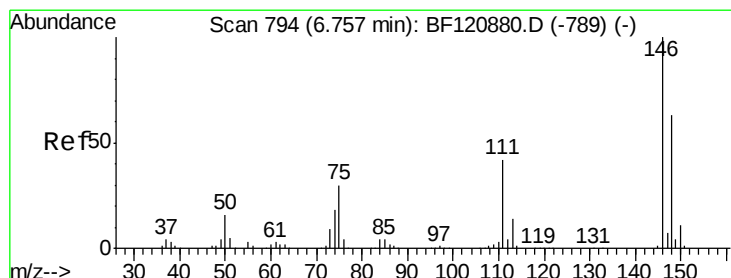
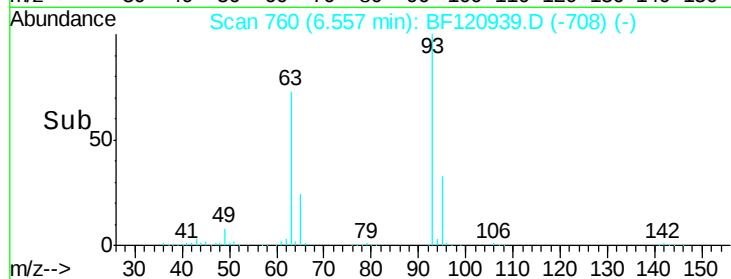
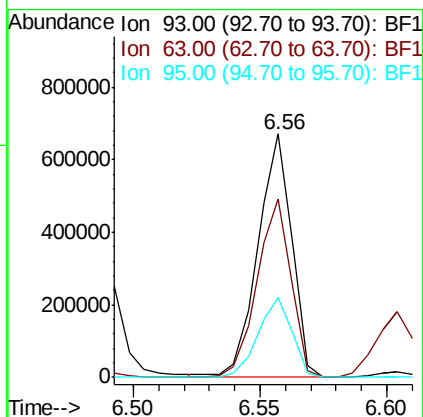
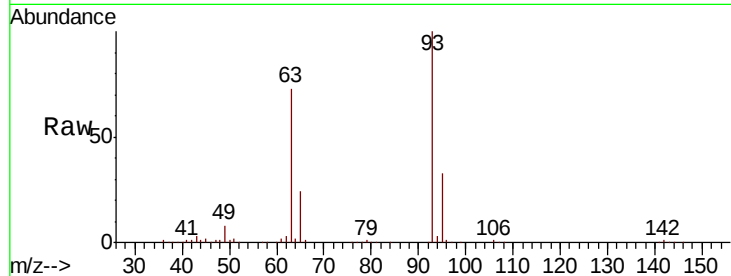




#11
bis(2-Chloroethyl)ether
Concen: 43.111 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

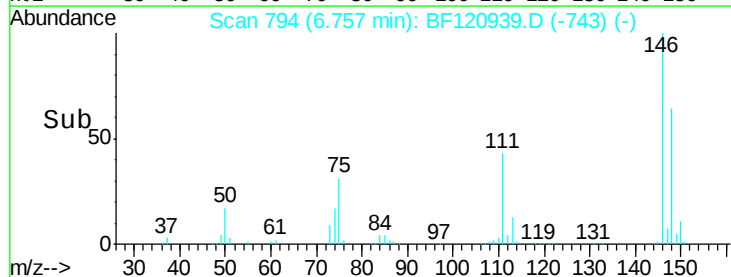
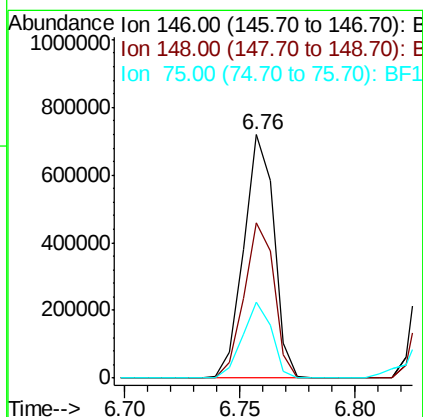
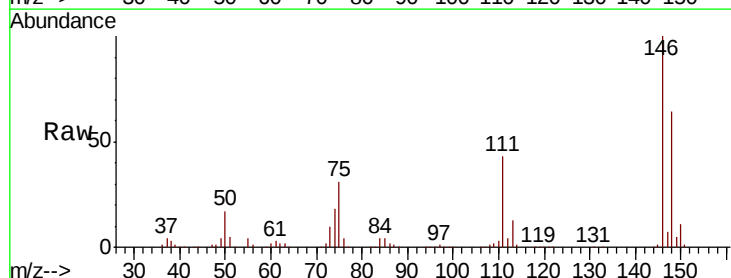
Instrument :
BNA_F
ClientSampleId :
PB130317BS

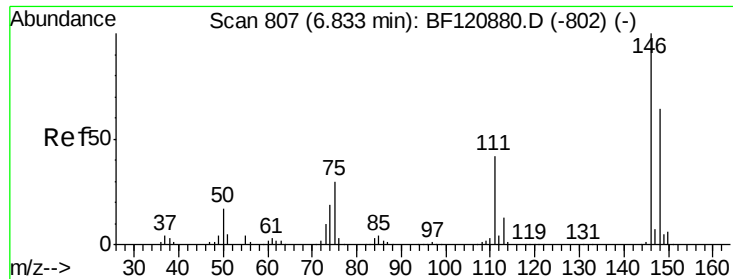
Tot Ion: 93 Resp: 625722
Ion Ratio Lower Upper
93 100
63 73.2 54.2 94.2
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 41.532 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion: 146 Resp: 661233
Ion Ratio Lower Upper
146 100
148 63.7 50.6 75.8
75 31.0 24.1 36.1

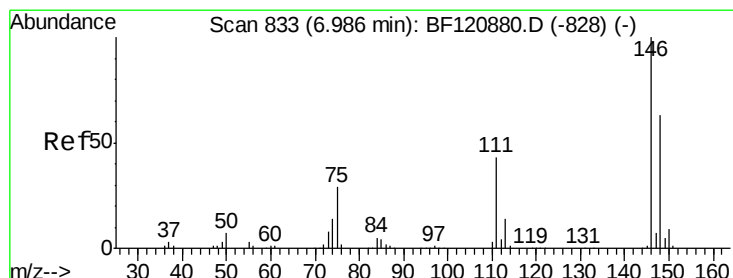
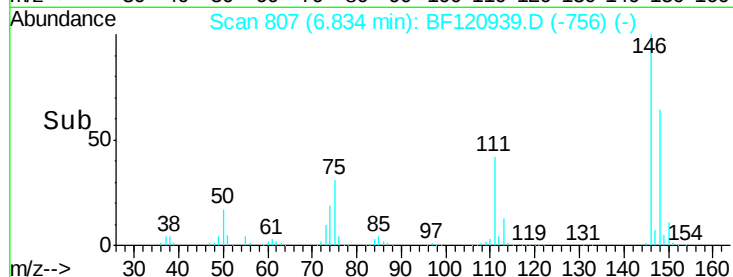
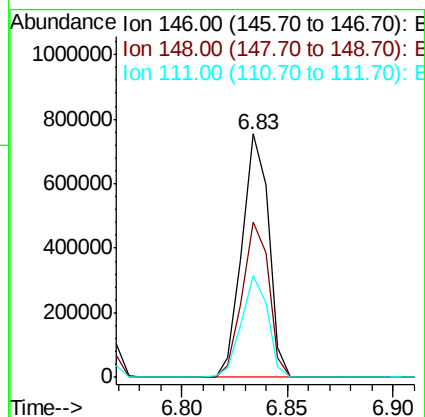
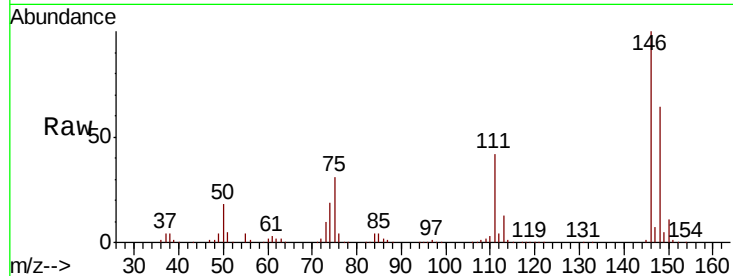




#13
 1,4-Dichlorobenzene
 Concen: 41.671 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

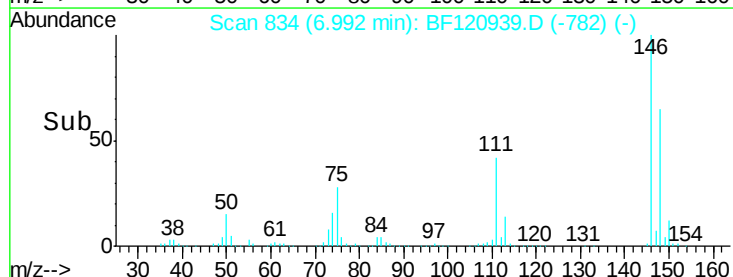
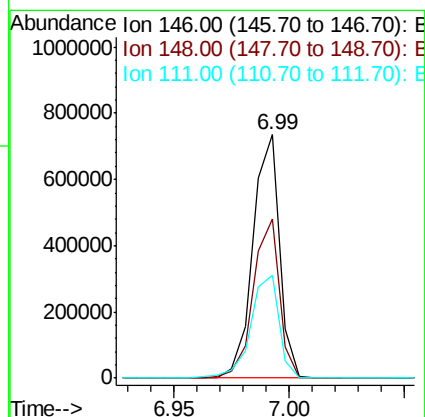
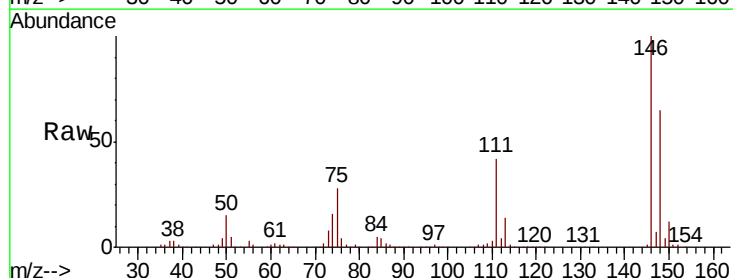
Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion:146 Resp: 659712
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 41.7 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 39.588 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:146 Resp: 592915
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 76.0
 111 42.2 34.2 51.2





#15

Benzyl Alcohol

Concen: 39.931 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

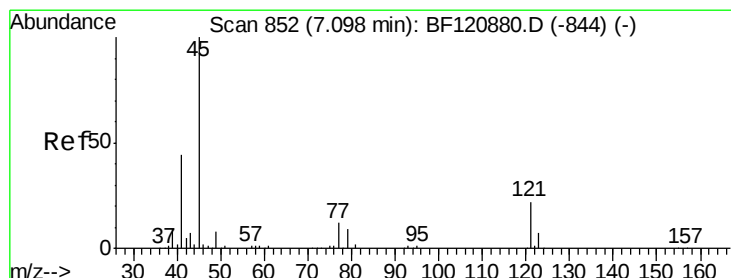
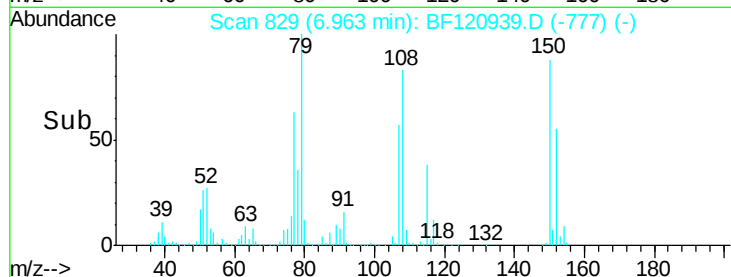
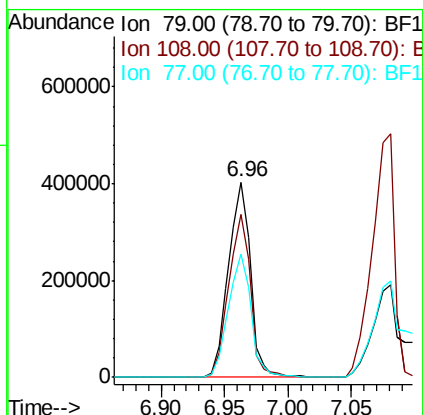
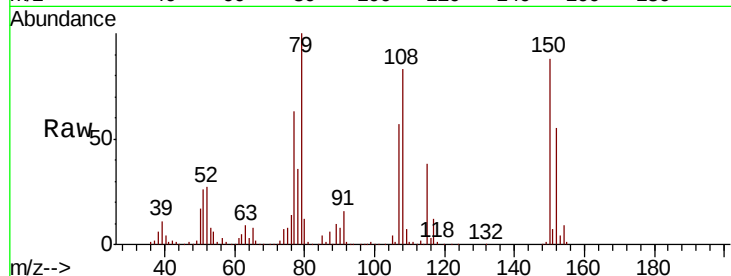
Tot Ion: 79 Resp: 486176

Ion Ratio Lower Upper

79 100

108 83.3 67.0 100.6

77 63.3 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.971 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

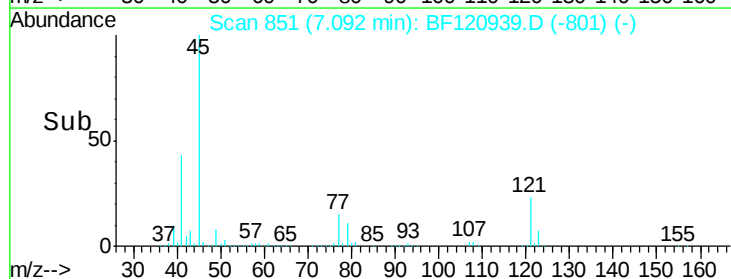
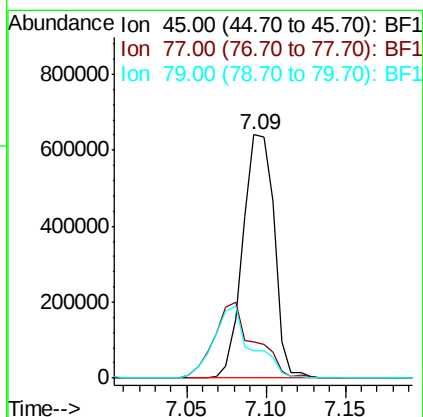
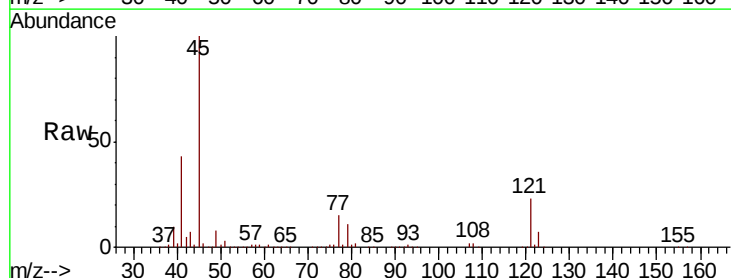
Tgt Ion: 45 Resp: 878046

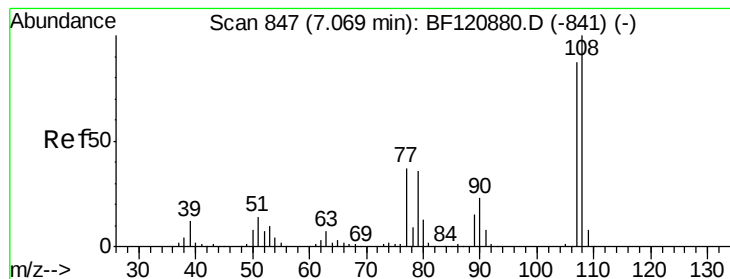
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.3

79 11.1 0.0 31.0





#17

2-Methylphenol

Concen: 40.520 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion:107 Resp: 527312

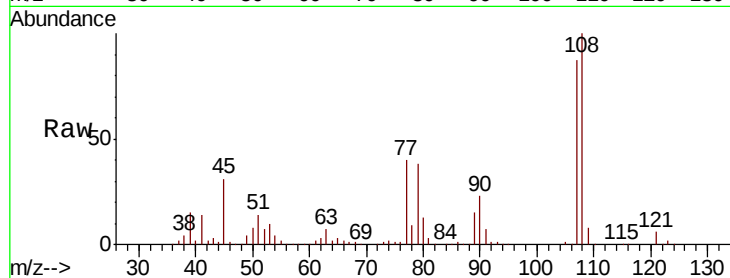
Ion Ratio Lower Upper

107 100

108 115.6 92.0 138.0

77 45.8 34.0 51.0

79 43.7 33.3 49.9



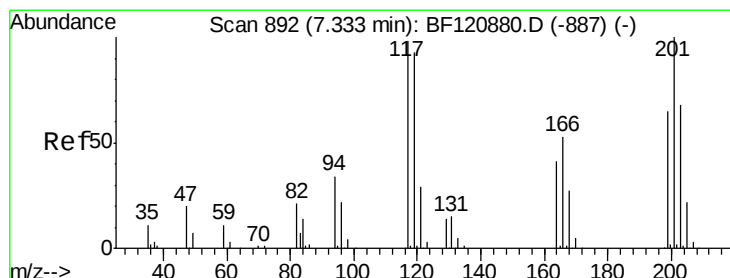
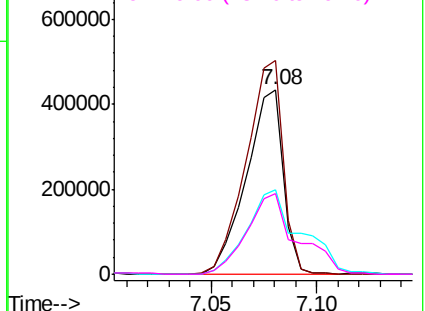
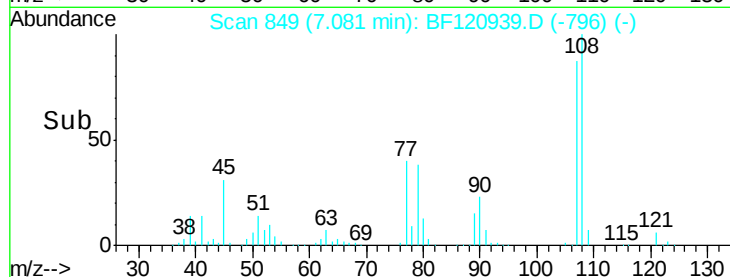
Abundance

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: 43.180 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

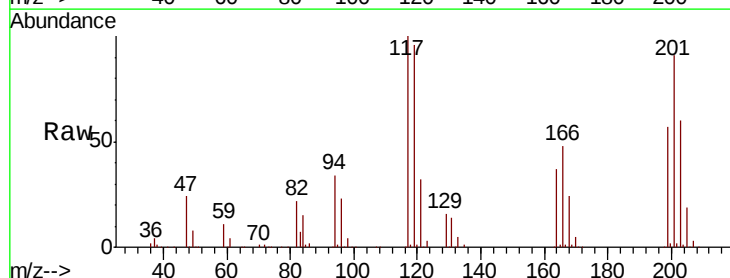
Tgt Ion:117 Resp: 247425

Ion Ratio Lower Upper

117 100

119 96.2 76.0 114.0

201 91.1 81.7 122.5

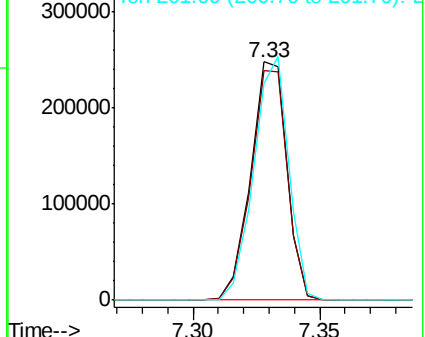
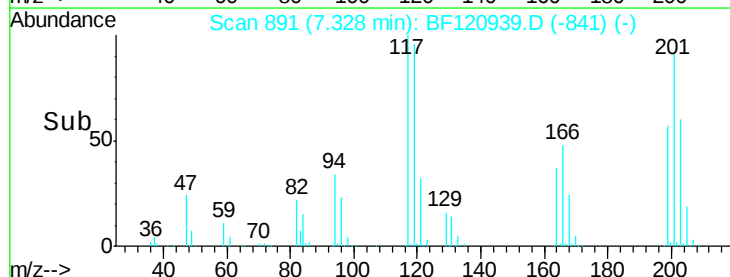


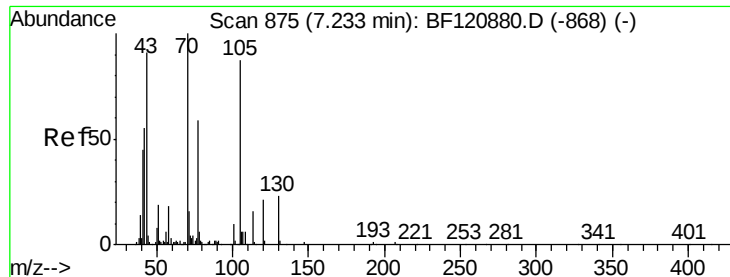
Abundance

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

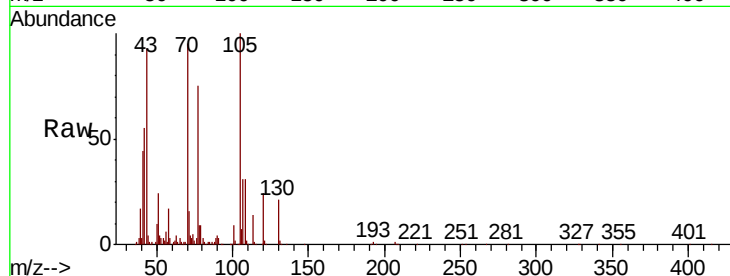




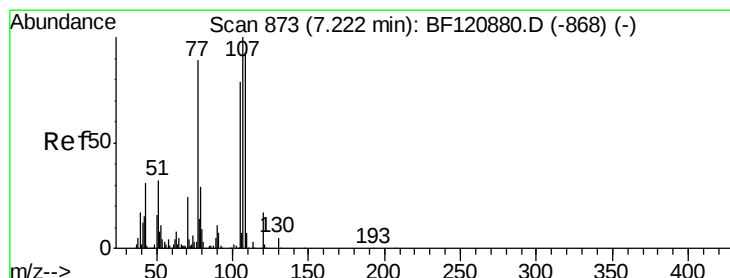
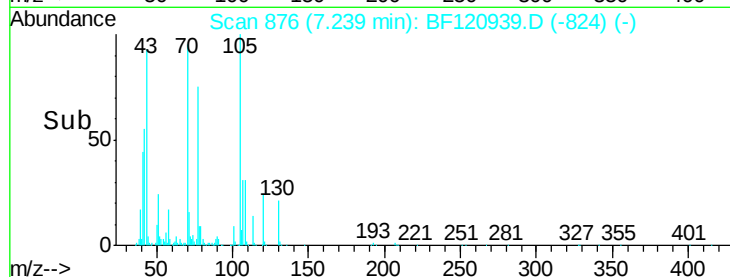
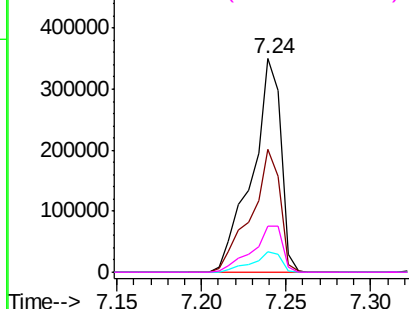
#19
n-Nitroso-di-n-propylamine
Concen: 42.577 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion: 70 Resp: 416828
Ion Ratio Lower Upper
70 100
42 57.5 44.0 66.0
101 9.5 7.8 11.6
130 21.8 18.7 28.1

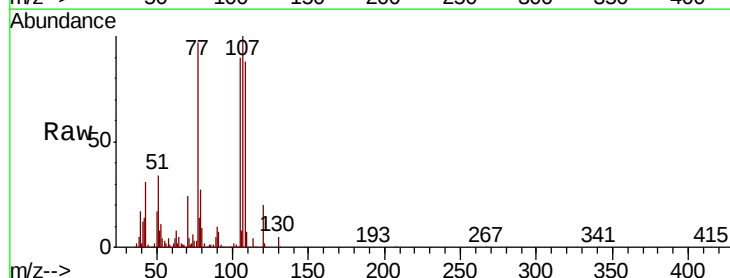


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

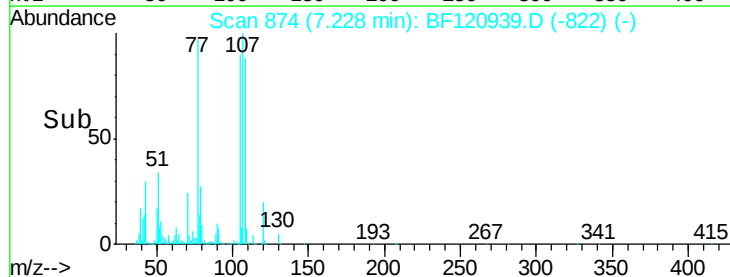
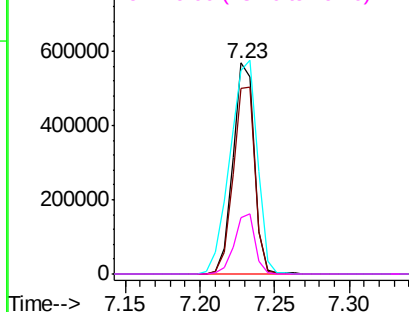


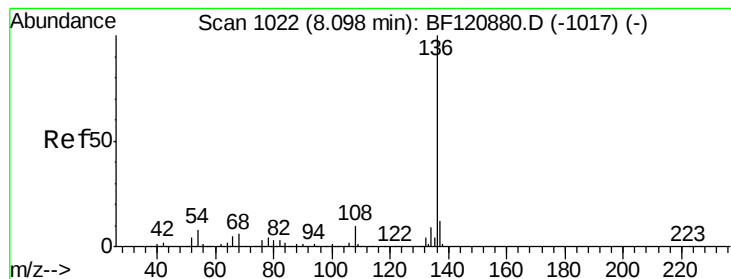
#20
3+4-Methylphenols
Concen: 34.526 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion: 107 Resp: 571555
Ion Ratio Lower Upper
107 100
108 87.9 72.8 112.8
77 96.8 68.7 108.7
79 26.9 8.5 48.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion:136 Resp: 851918

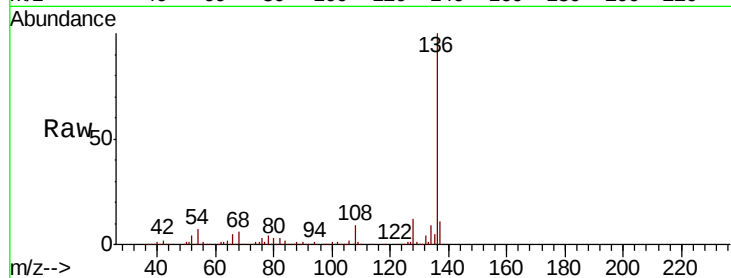
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 6.8 6.3 9.5

68 5.7 5.0 7.4

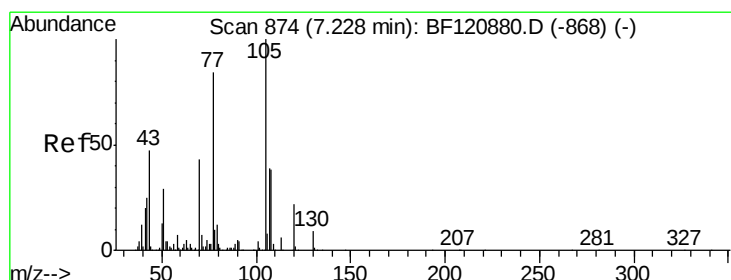
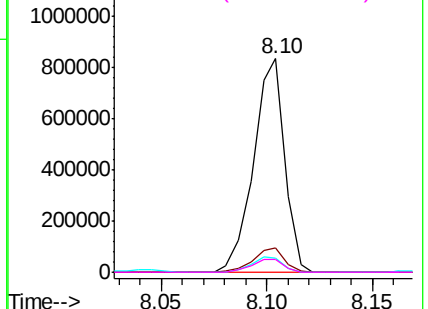
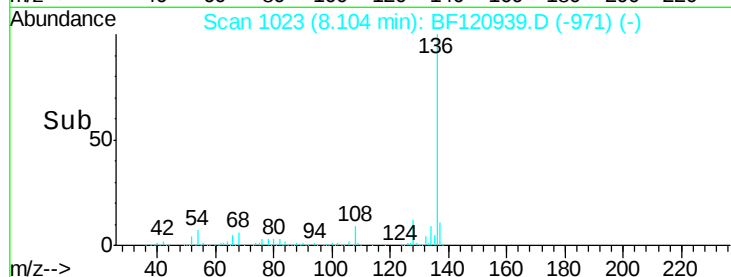


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.684 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:105 Resp: 777854

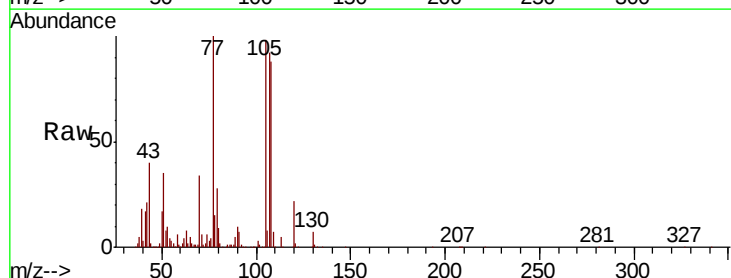
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 35.4 22.9 34.3#

120 22.1 18.0 27.0

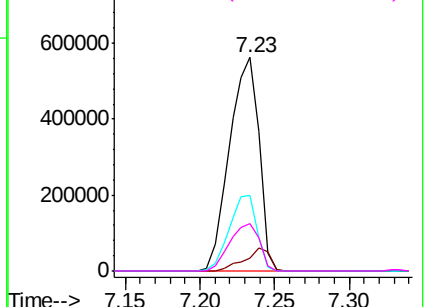
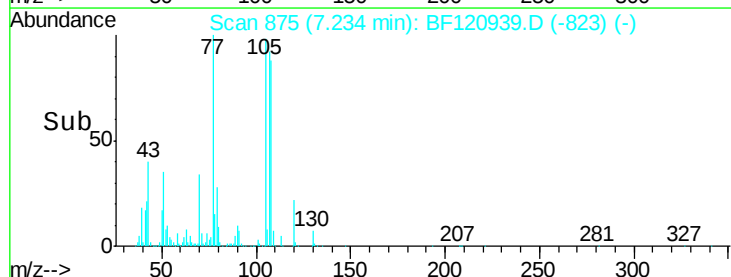


Abundance Ion 105.00 (104.70 to 105.70): E

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

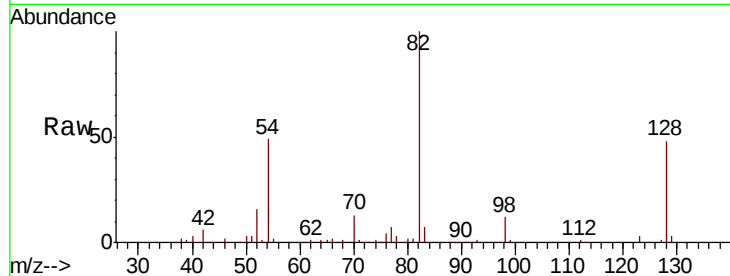




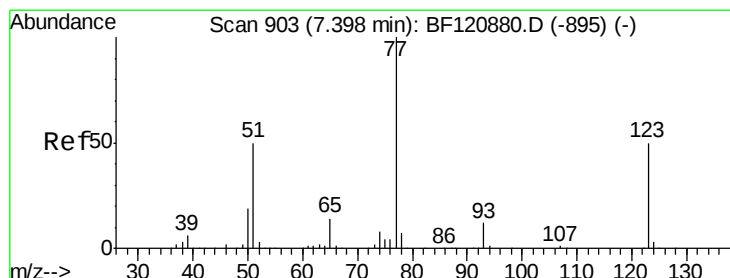
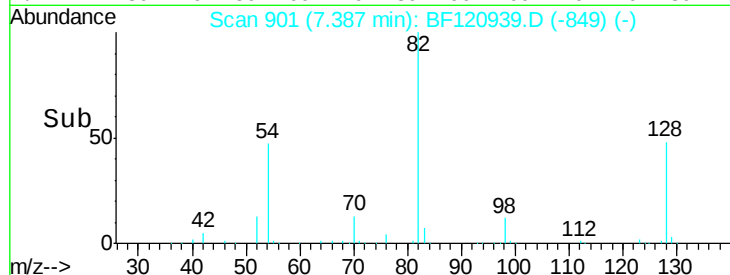
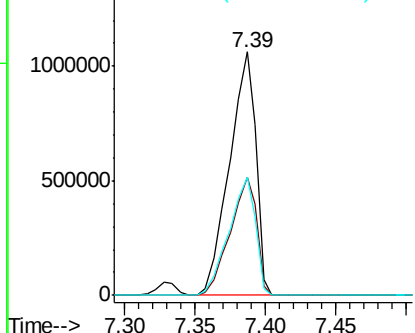
#23
Nitrobenzene-d5
Concen: 93.867 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion: 82 Resp: 1382009
Ion Ratio Lower Upper
82 100
128 48.3 38.2 57.4
54 48.5 38.7 58.1

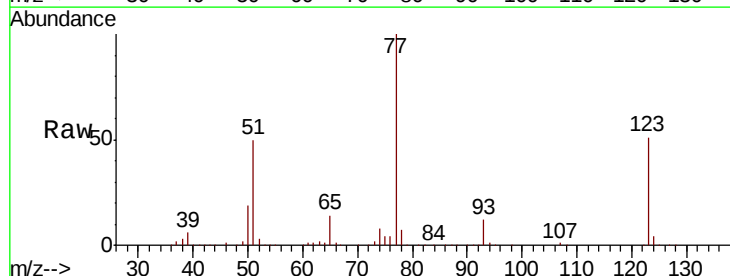


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

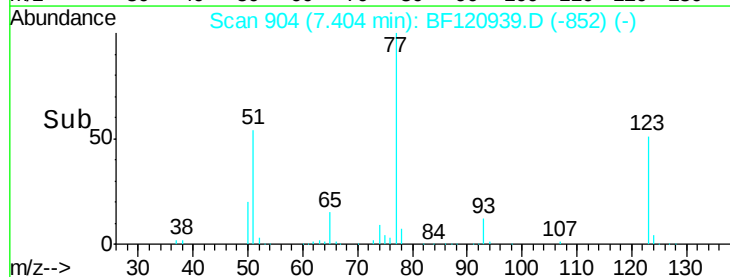
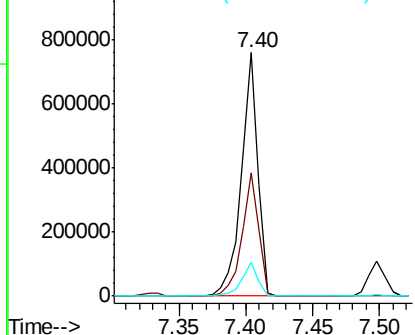


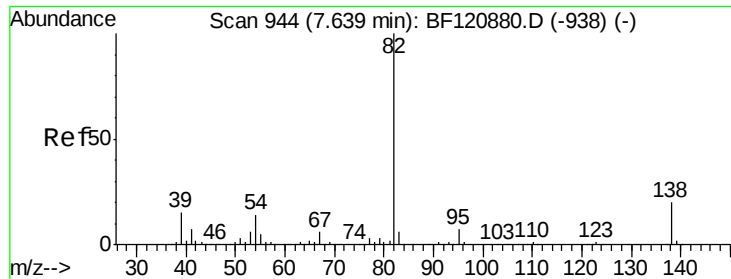
#24
Nitrobenzene
Concen: 41.143 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion: 77 Resp: 652880
Ion Ratio Lower Upper
77 100
123 50.6 40.1 60.1
65 13.7 10.8 16.2



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





#25

Isophorone

Concen: 42.056 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

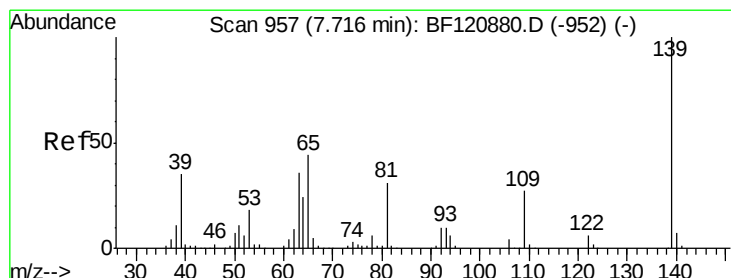
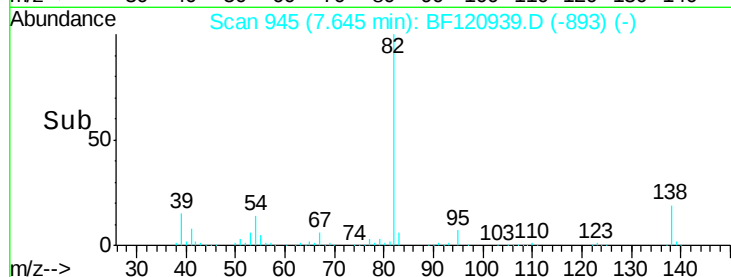
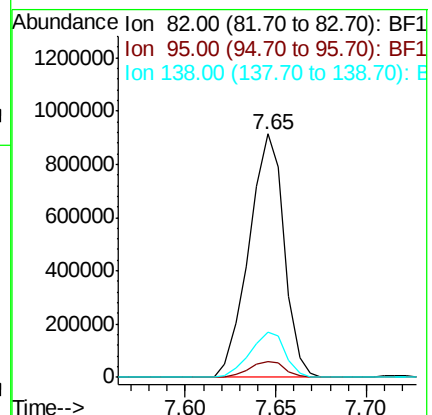
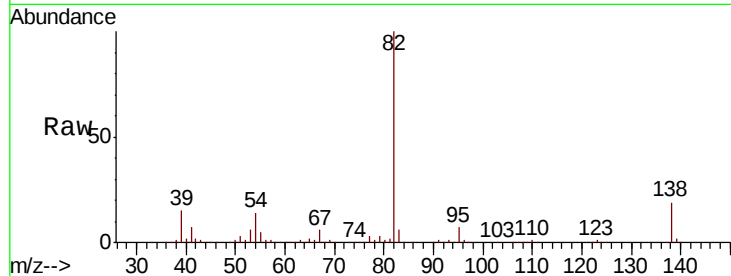
Tot Ion: 82 Resp: 1235758

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.7 15.6 23.4



#26

2-Nitrophenol

Concen: 47.662 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

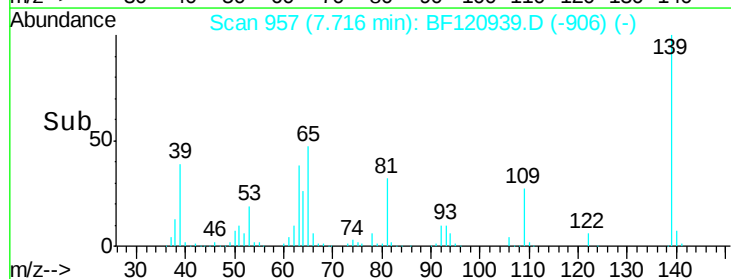
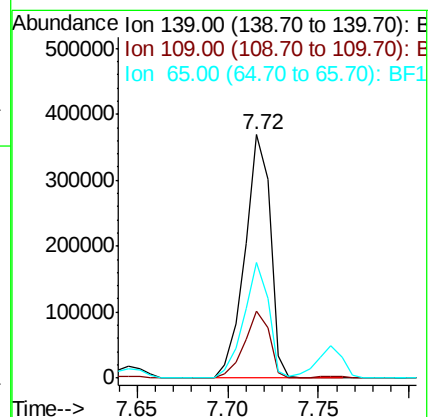
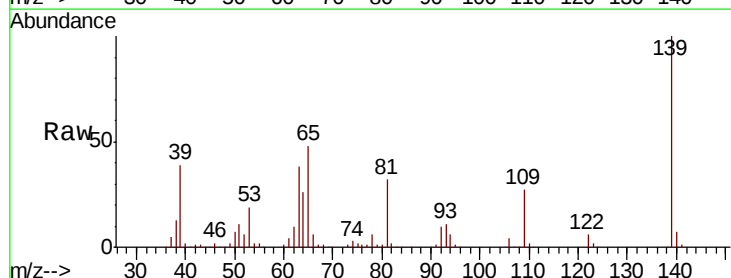
Tgt Ion: 139 Resp: 359200

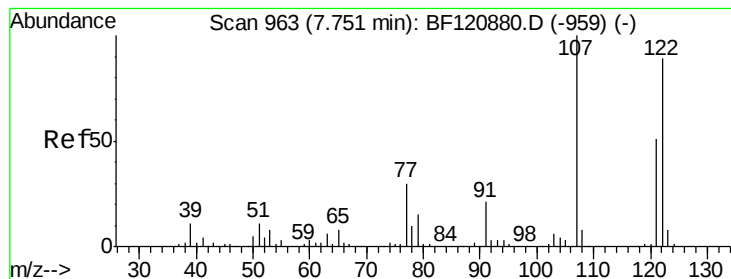
Ion Ratio Lower Upper

139 100

109 27.3 21.6 32.4

65 47.5 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 44.431 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

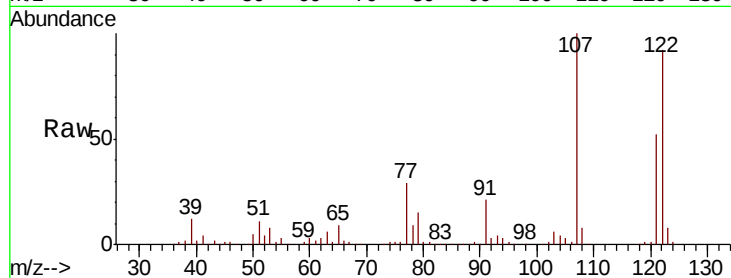
Tot Ion:122 Resp: 543672

Ion Ratio Lower Upper

122 100

107 108.8 89.4 134.0

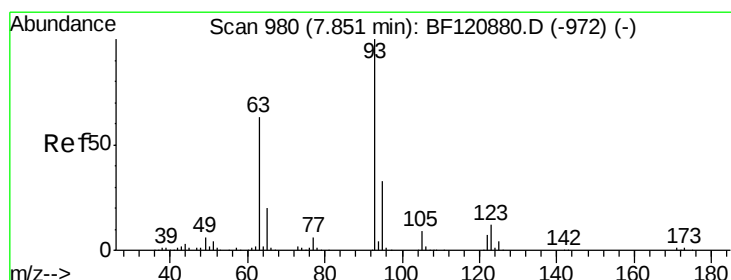
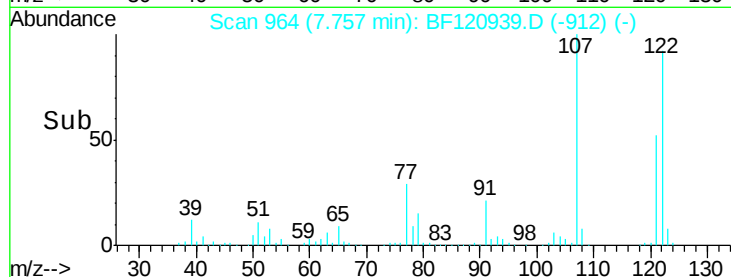
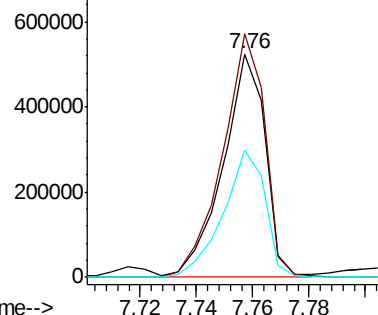
121 56.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.926 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

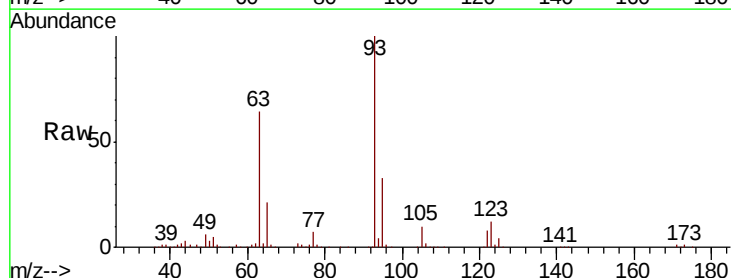
Tgt Ion: 93 Resp: 787871

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

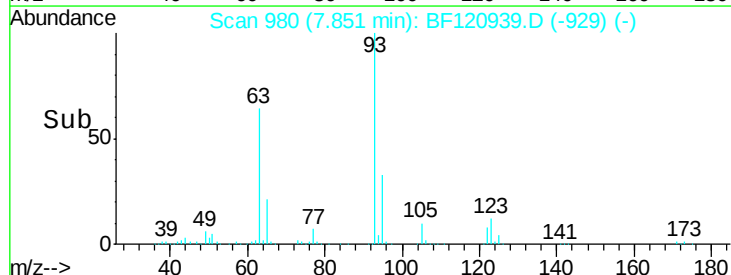
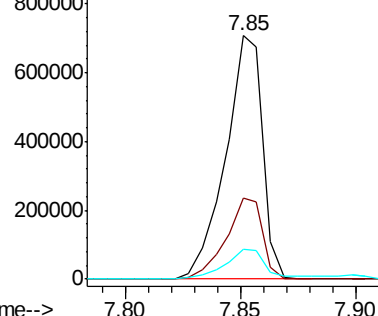
123 12.1 10.0 15.0

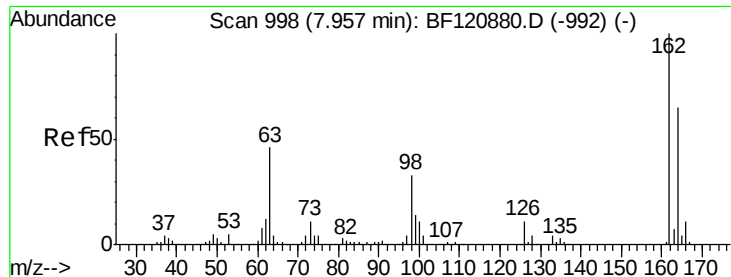


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

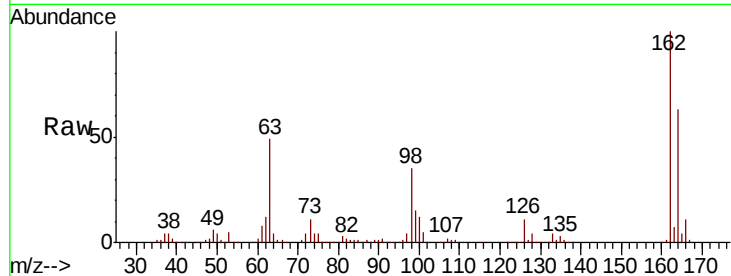




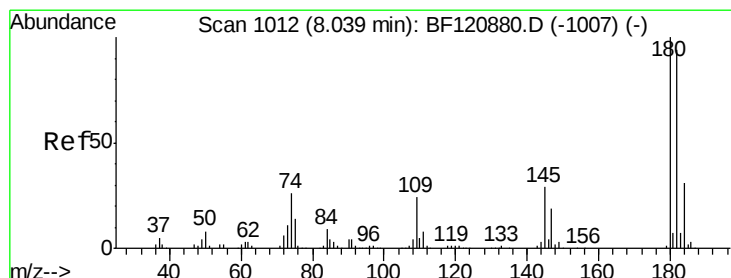
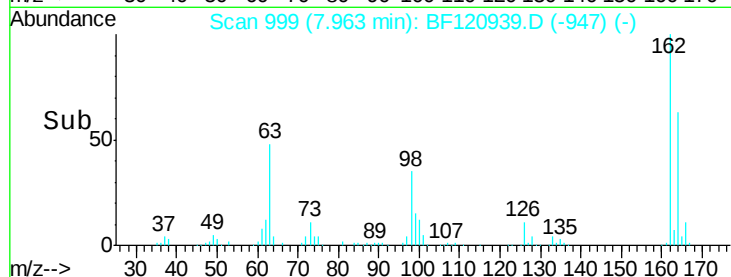
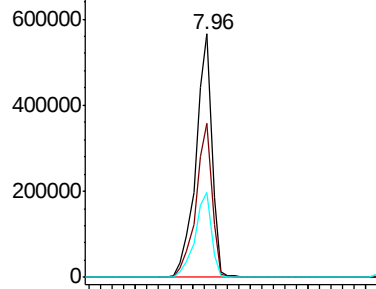
#29
 2,4-Dichlorophenol
 Concen: 43.911 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.3	85.3
98	34.9	13.3	53.3

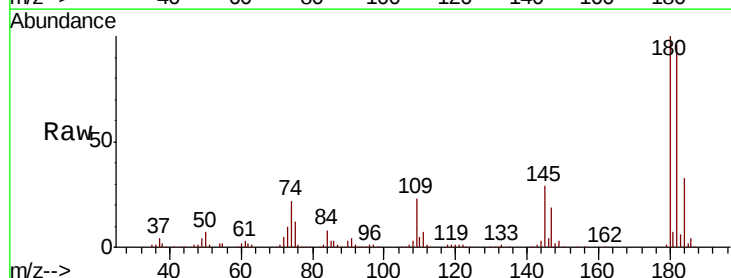


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

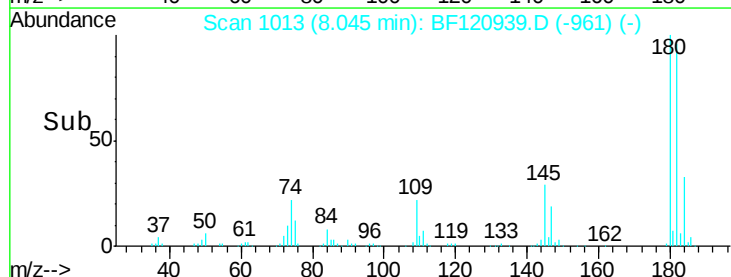
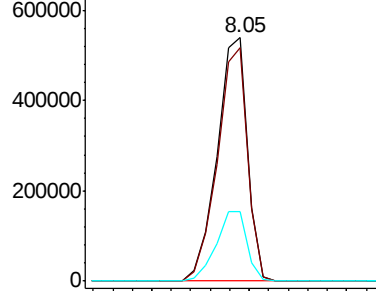


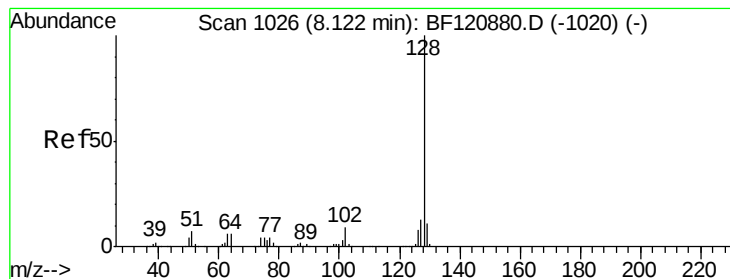
#30
 1,2,4-Trichlorobenzene
 Concen: 41.670 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	28.7	23.5	35.3



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





#31

Naphthalene

Concen: 40.508 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

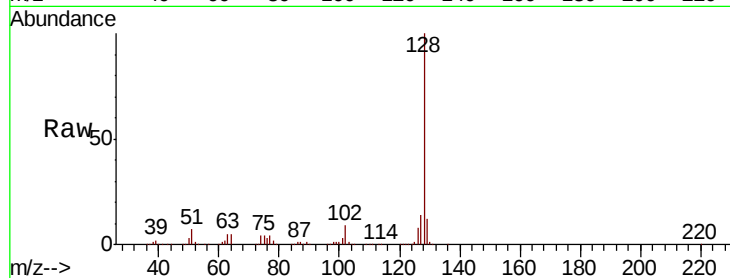
Tot Ion:128 Resp: 1770165

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

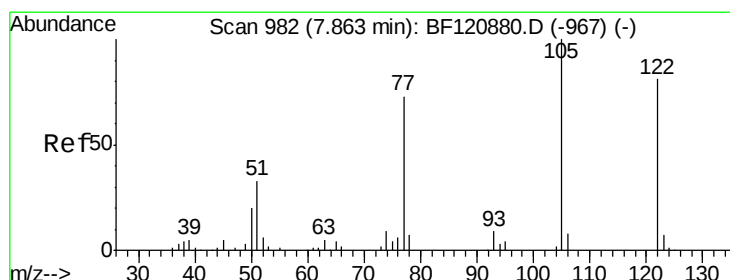
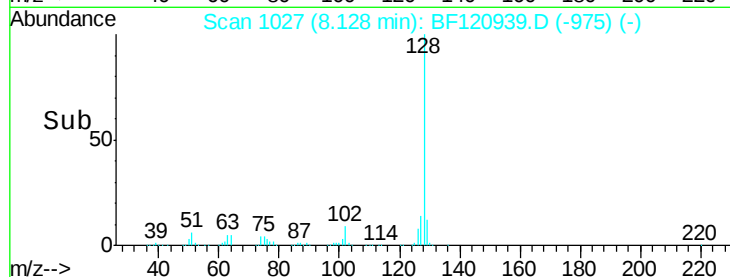
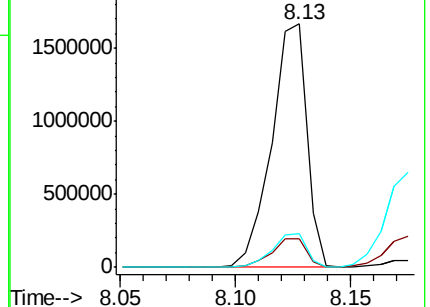
127 13.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.392 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

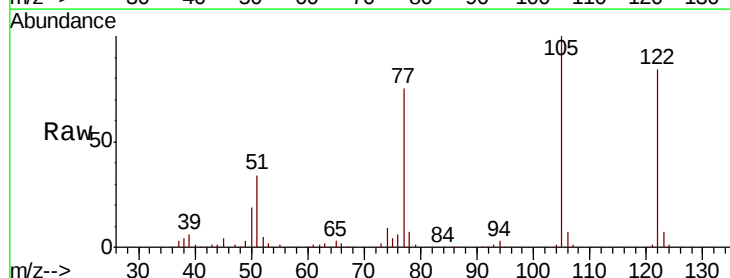
Tgt Ion:122 Resp: 453681

Ion Ratio Lower Upper

122 100

105 119.7 101.3 141.3

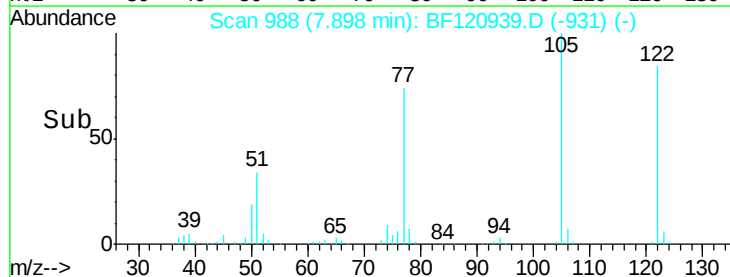
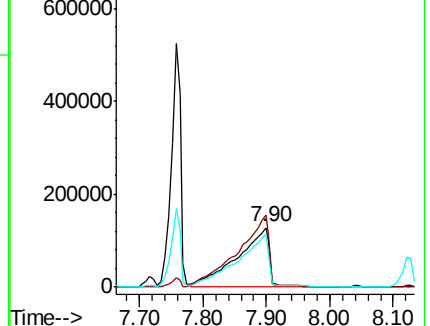
77 89.4 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

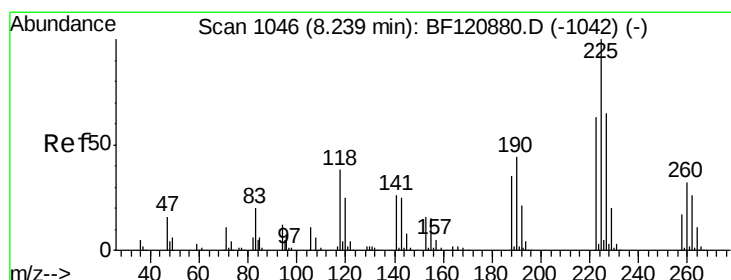
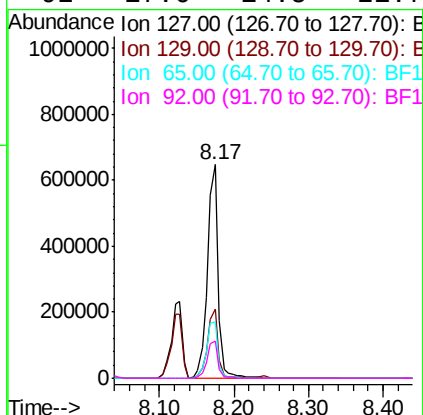
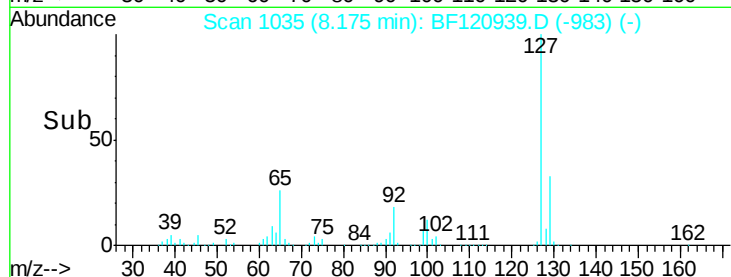
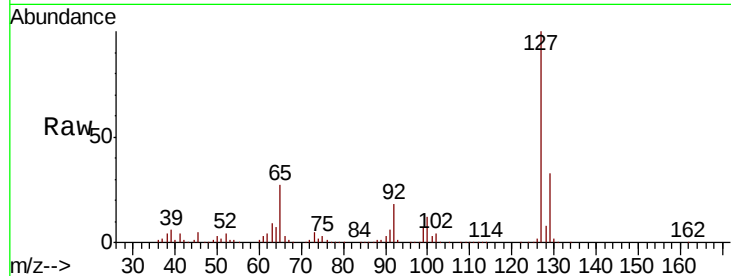




#33
4-Chloroaniline
Concen: 33.286 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

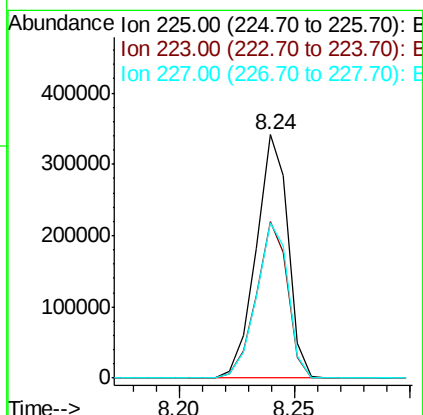
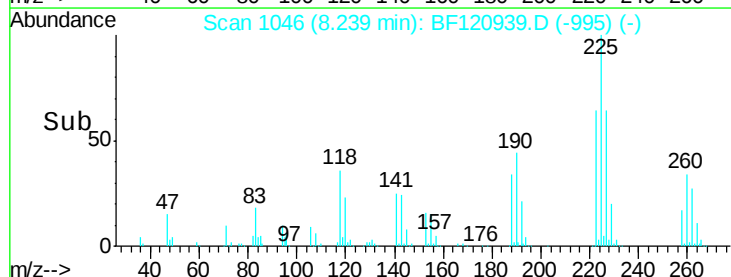
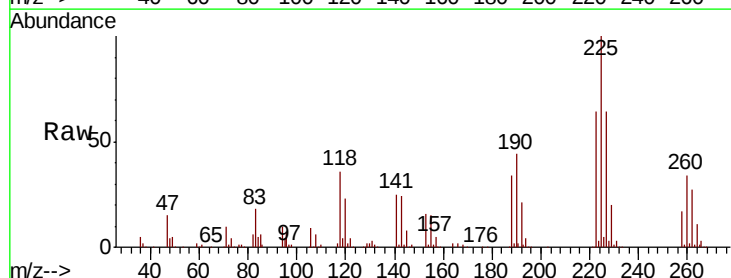
Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:127	Resp: 648877
Ion Ratio	Lower Upper
127 100	
129 32.6	26.5 39.7
65 26.6	23.0 34.4
92 17.6	14.5 21.7



#34
Hexachlorobutadiene
Concen: 40.074 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	225	Resp: 327722	
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.0	52.2	78.2

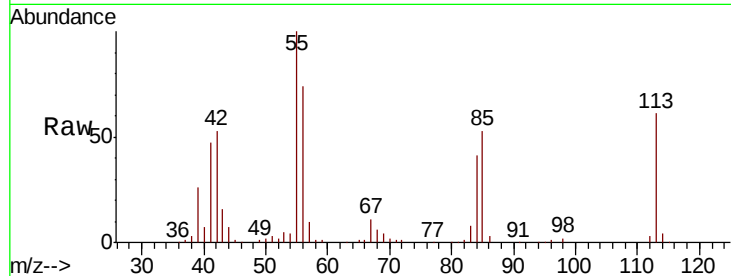




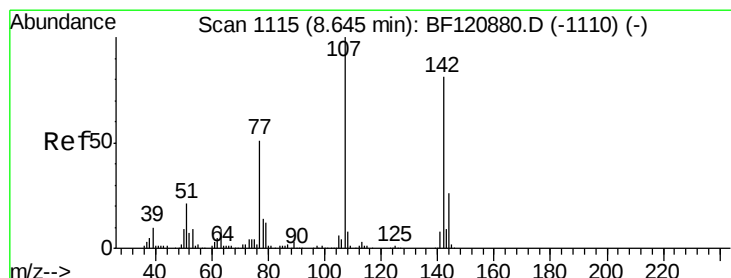
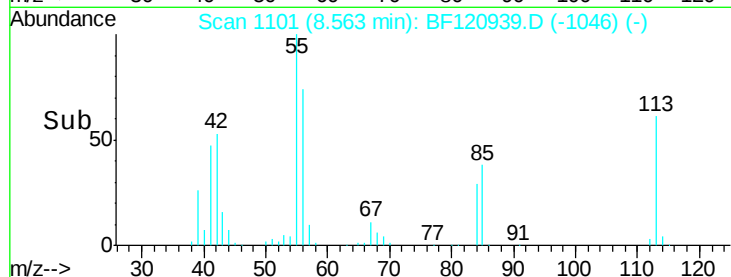
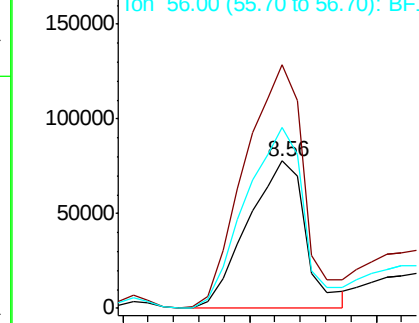
#35
 Caprolactam
 Concen: 31.068 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion:113 Resp: 124576
 Ion Ratio Lower Upper
 113 100
 55 165.3 143.3 183.3
 56 122.9 99.4 139.4

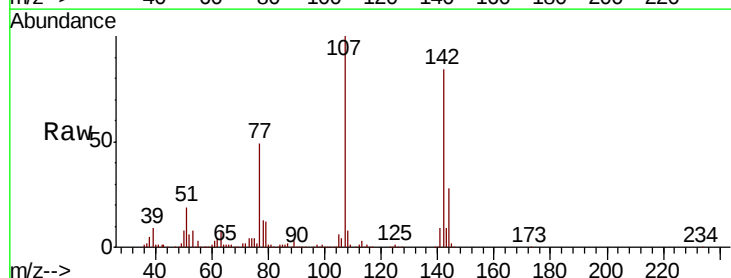


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

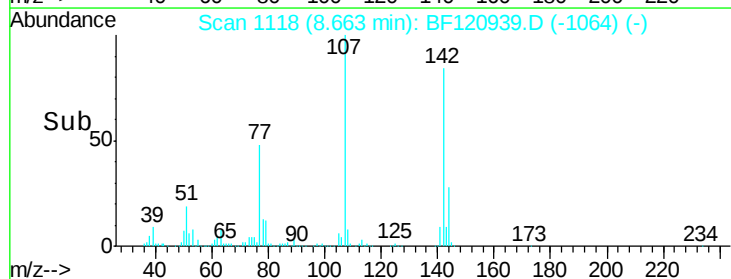
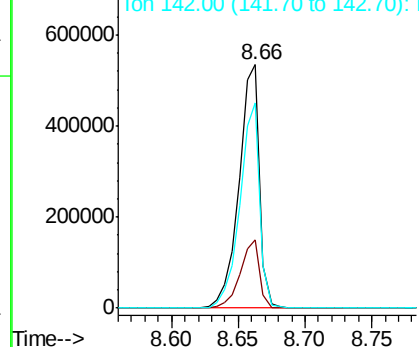


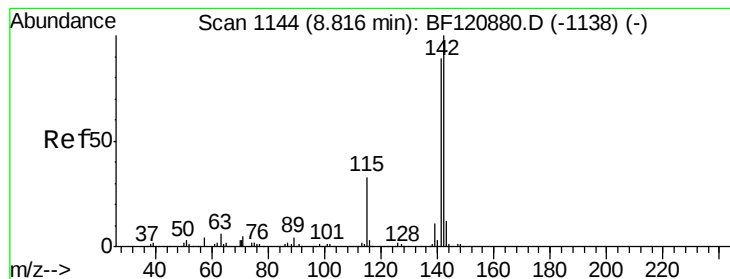
#36
 4-Chloro-3-methylphenol
 Concen: 44.853 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.02 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:107 Resp: 575184
 Ion Ratio Lower Upper
 107 100
 144 27.9 21.0 31.6
 142 84.3 65.0 97.6



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: 42.188 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

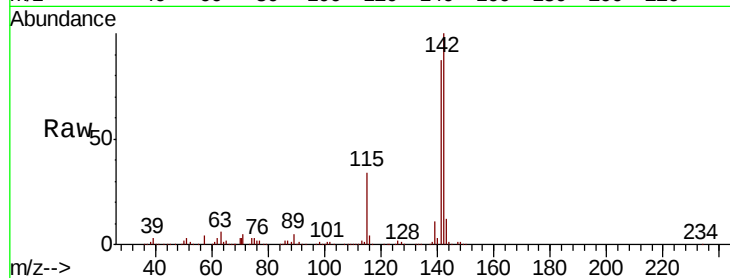
Tot Ion:142 Resp: 1197045

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.4

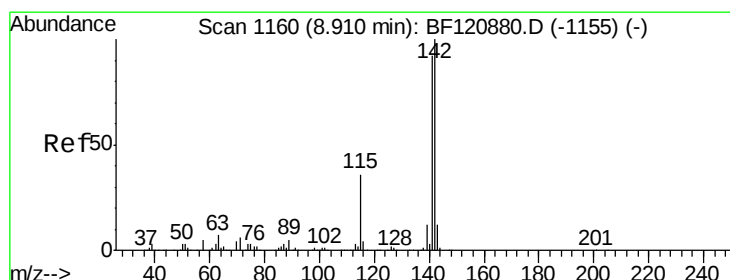
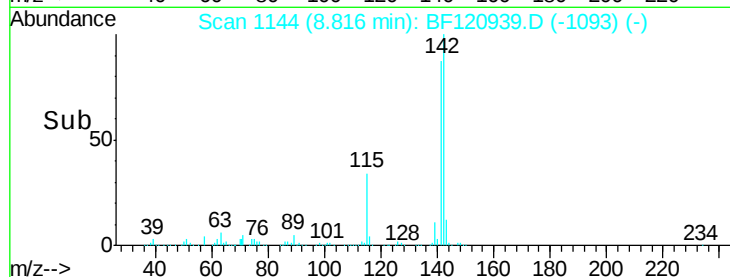
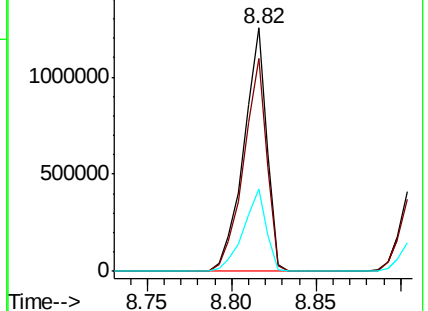
115 33.8 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.327 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

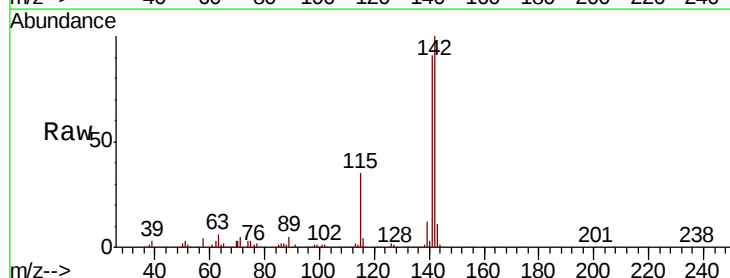
Tgt Ion:142 Resp: 1137458

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

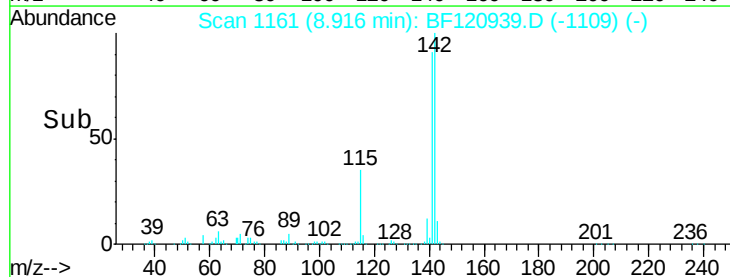
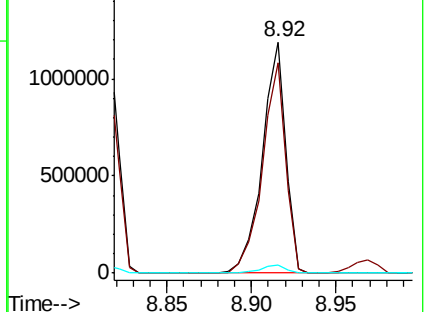
116 3.8 3.0 4.6

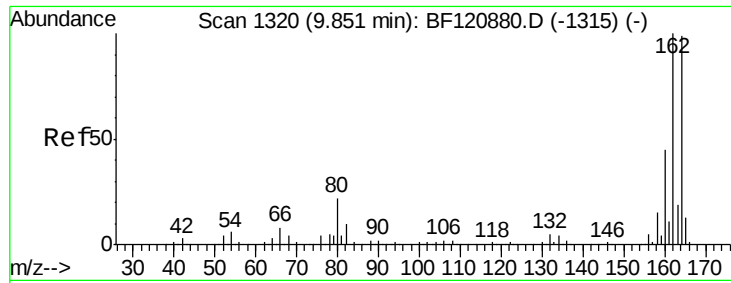


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

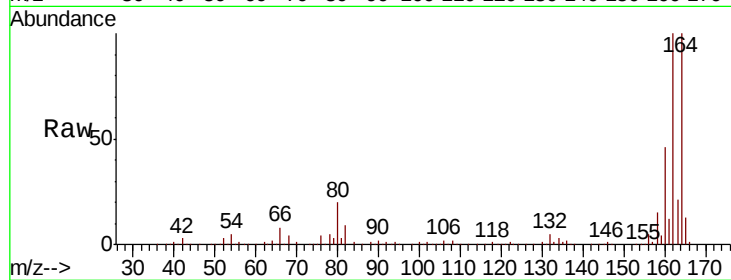
Tot Ion:164 Resp: 450442

Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

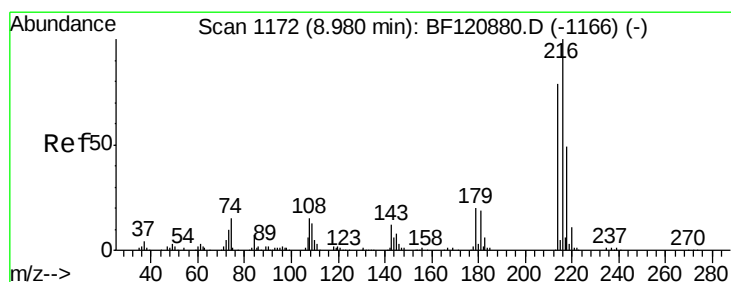
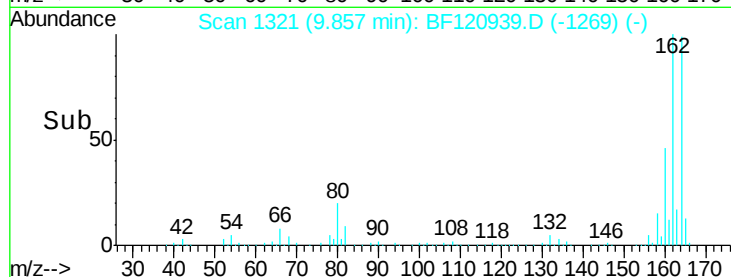
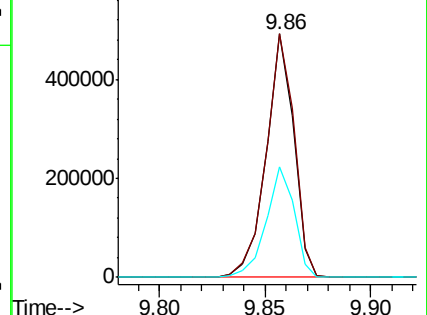
160 45.7 36.9 55.3



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: 39.720 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:216 Resp: 521288

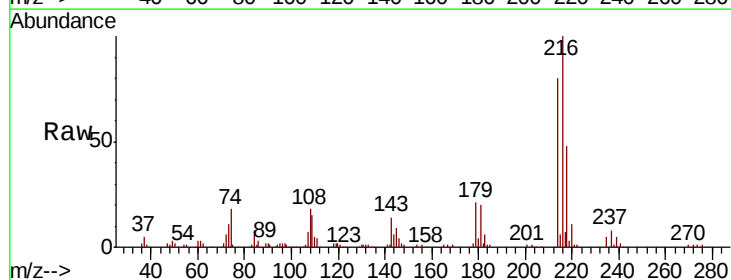
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 20.5 16.6 24.8

108 20.5 15.4 23.0

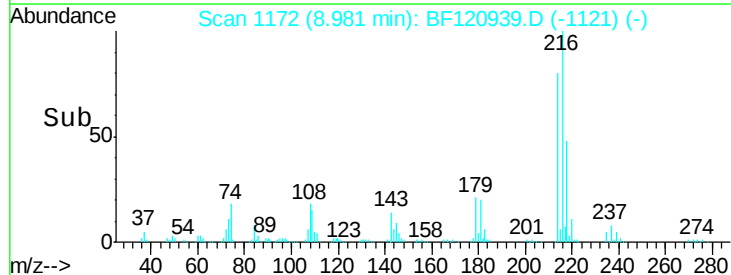
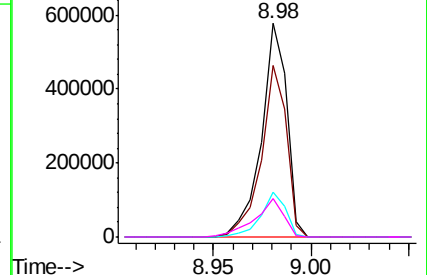


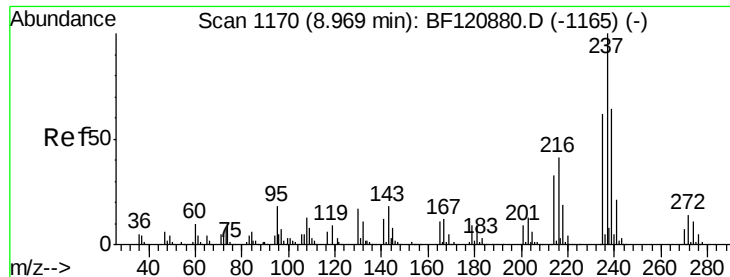
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.611 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

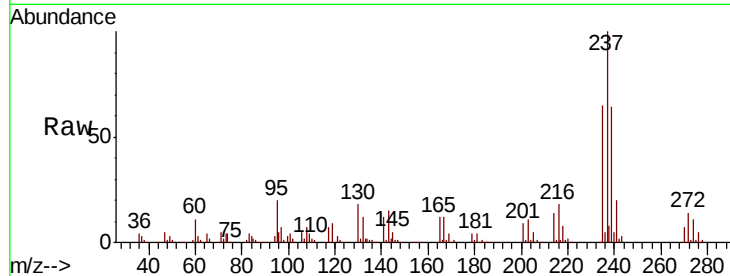
Tot Ion:237 Resp: 570192

Ion Ratio Lower Upper

237 100

235 64.7 41.6 81.6

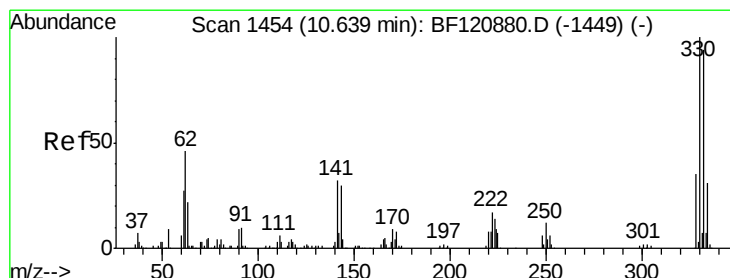
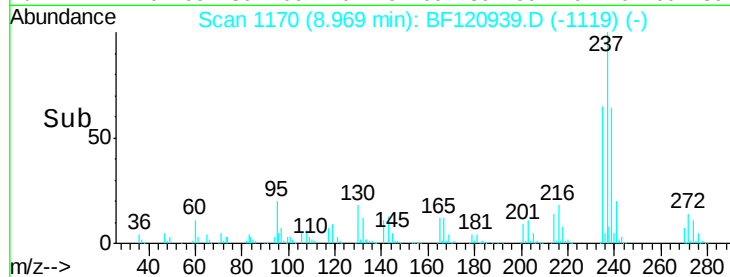
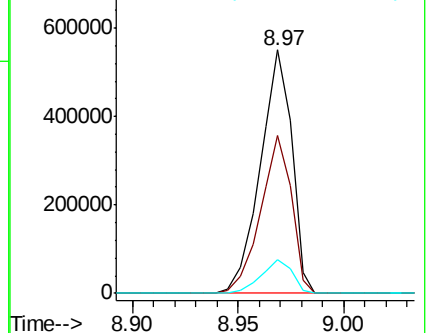
272 13.9 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.249 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

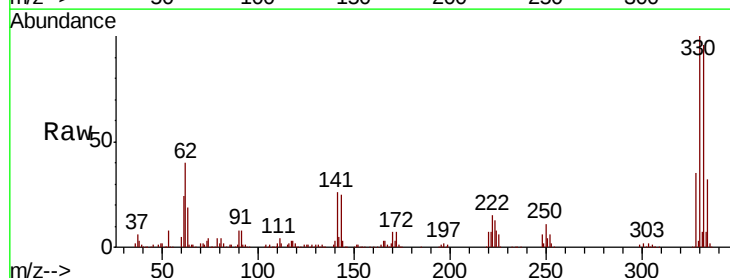
Tgt Ion:330 Resp: 632337

Ion Ratio Lower Upper

330 100

332 96.2 75.5 113.3

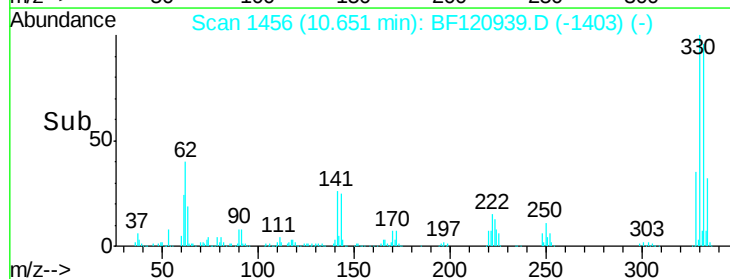
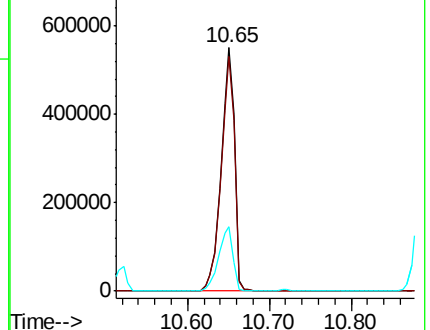
141 28.1 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

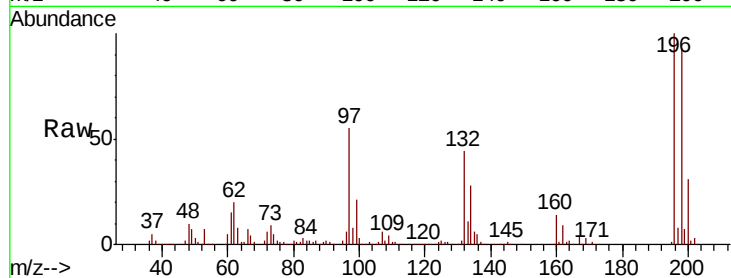




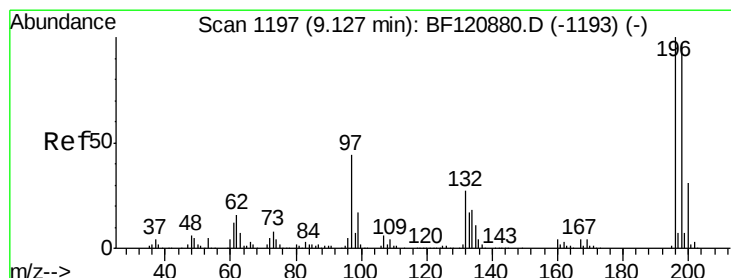
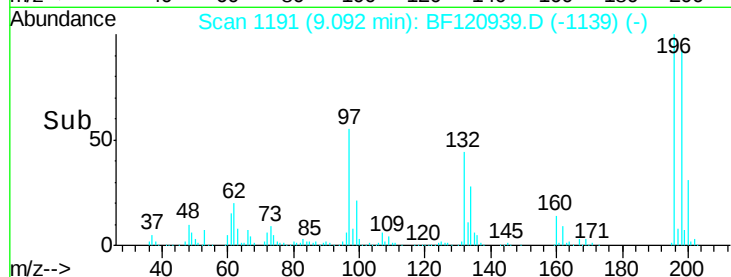
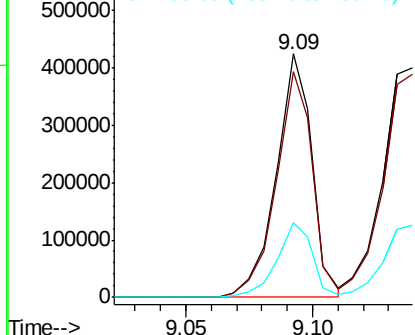
#43
 2,4,6-Trichlorophenol
 Concen: 45.230 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampled :
 PB130317BS

Tot Ion:196 Resp: 417947
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.7 113.5
 200 30.5 24.4 36.6

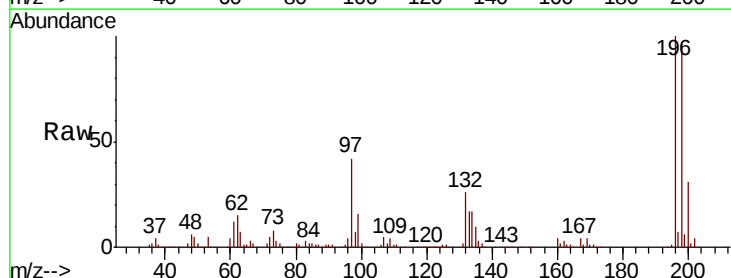


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

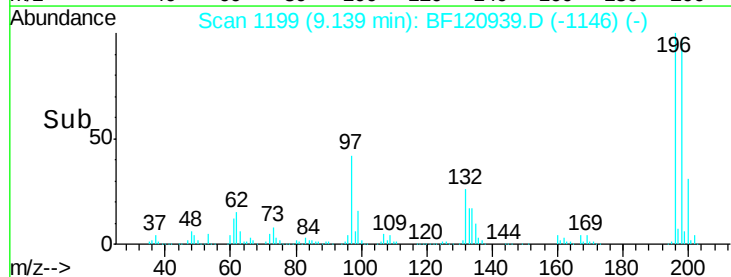
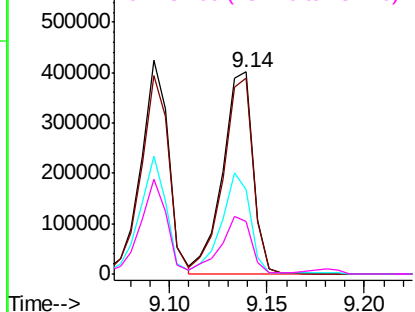


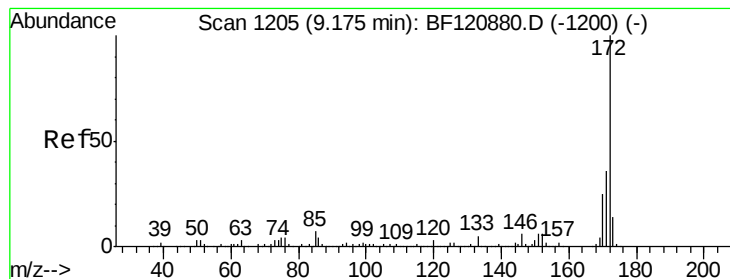
#44
 2,4,5-Trichlorophenol
 Concen: 41.418 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:196 Resp: 434128
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.6 116.4
 97 42.2 35.6 53.4
 132 26.1 21.5 32.3



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: 75.704 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

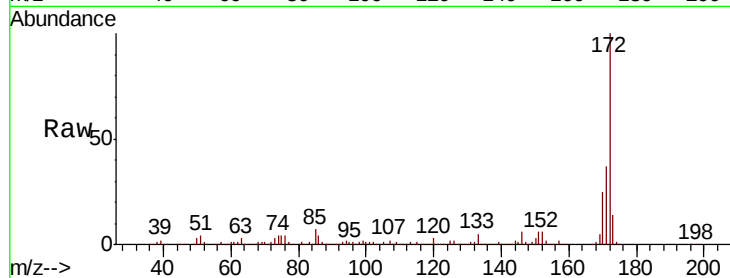
Tot Ion:172 Resp: 2283939

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

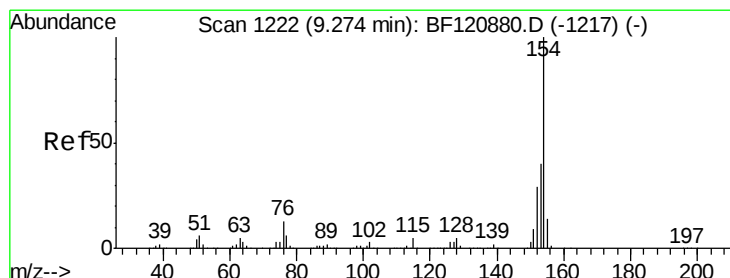
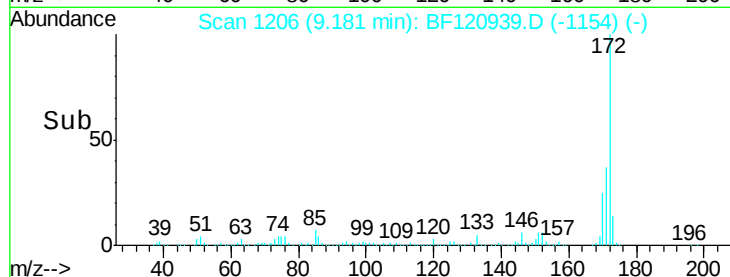
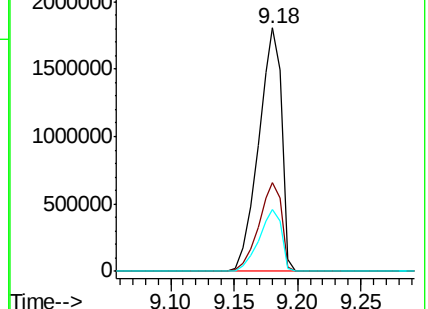
170 25.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.877 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

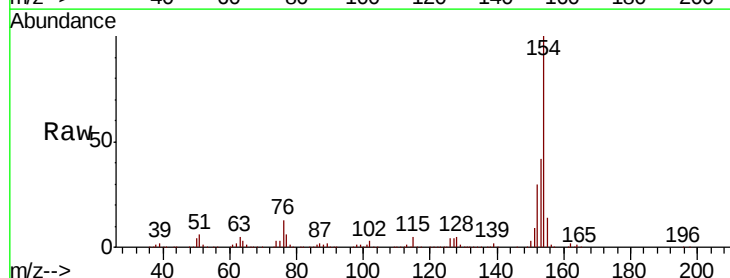
Tgt Ion:154 Resp: 1404507

Ion Ratio Lower Upper

154 100

153 41.9 20.4 60.4

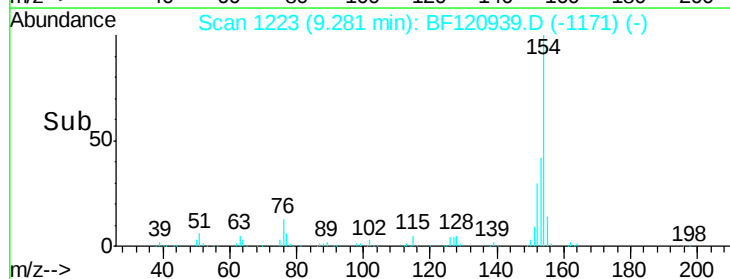
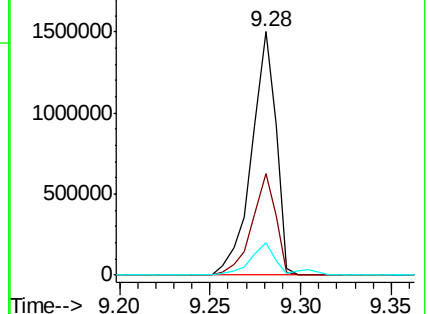
76 13.1 0.0 33.1



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

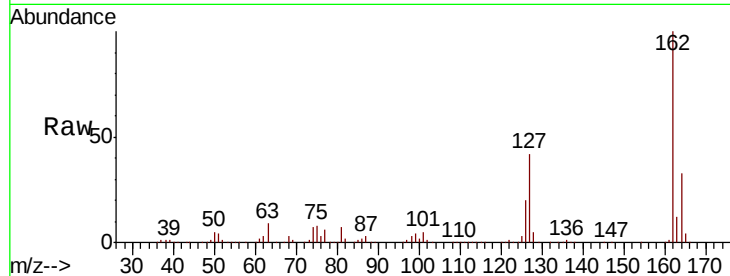




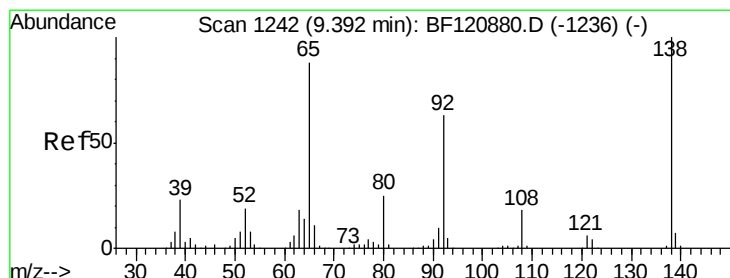
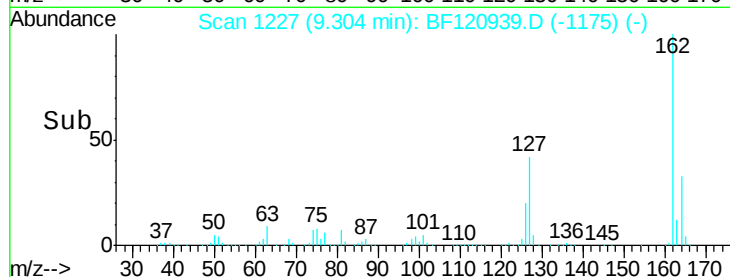
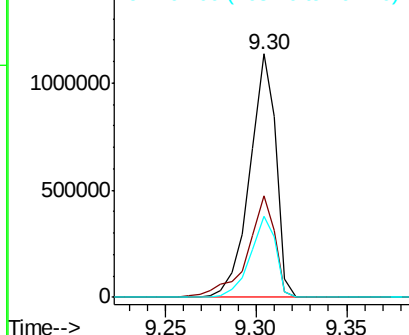
#47
 2-Chloronaphthalene
 Concen: 40.385 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion:162 Resp: 1131320
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.3 49.9
 164 33.4 26.6 39.8

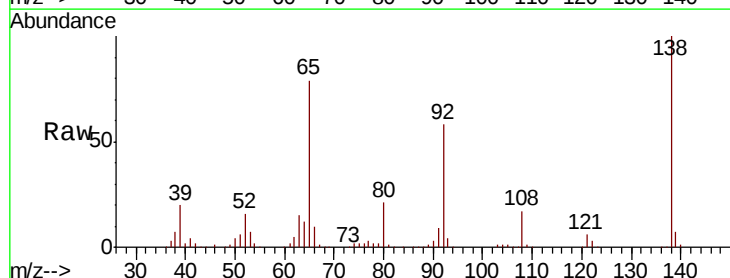


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

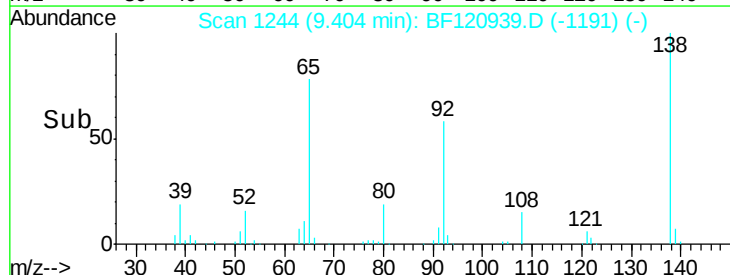
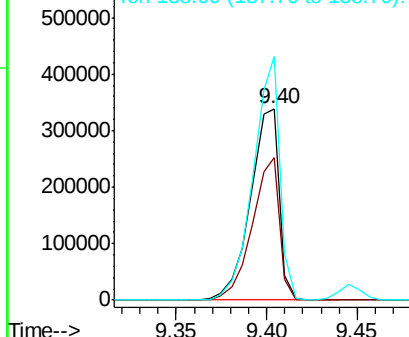


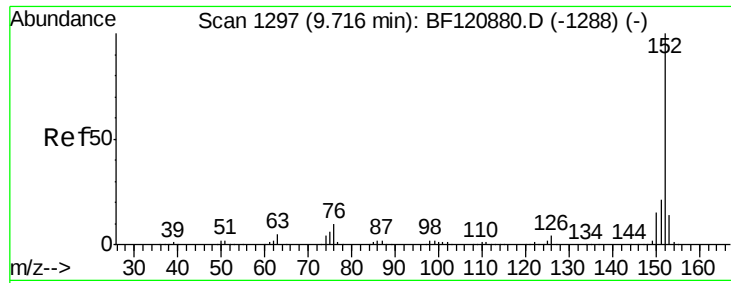
#48
 2-Nitroaniline
 Concen: 44.161 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion: 65 Resp: 373863
 Ion Ratio Lower Upper
 65 100
 92 74.0 57.0 85.4
 138 127.0 90.4 135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

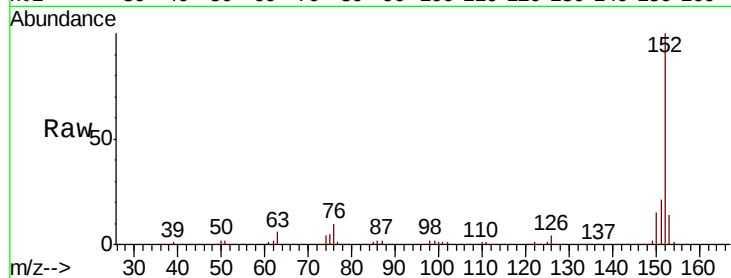




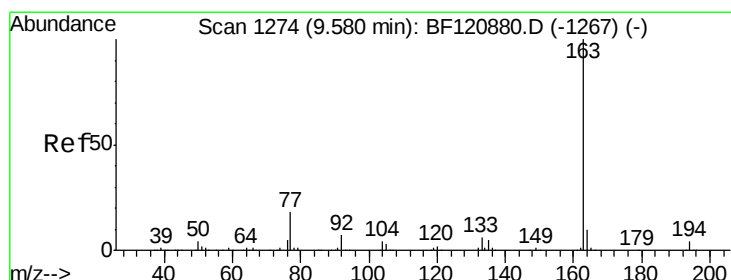
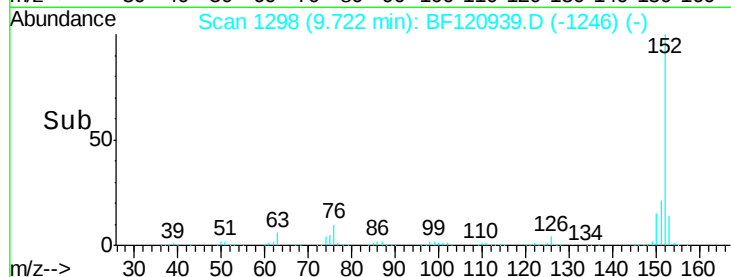
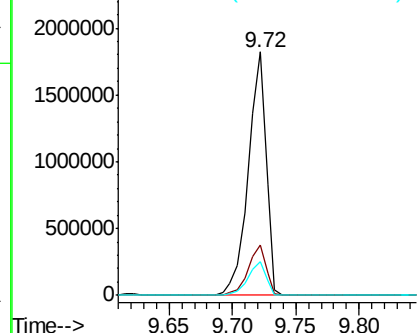
#49
Acenaphthylene
Concen: 40.733 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:152 Resp: 1772683
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.8 10.9 16.3

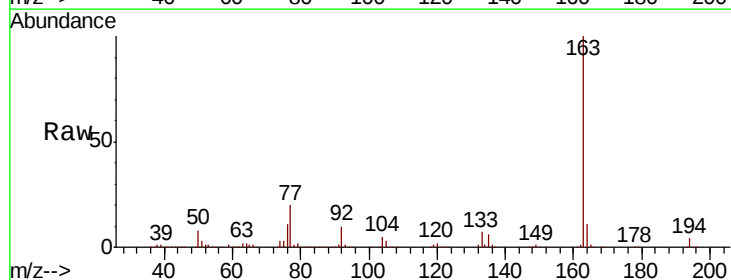


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

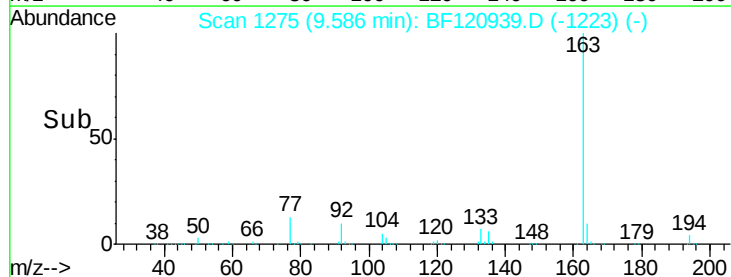
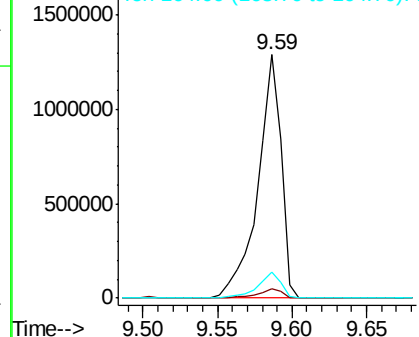


#50
Dimethylphthalate
Concen: 42.431 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:163 Resp: 1378851
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.6 7.9 11.9



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

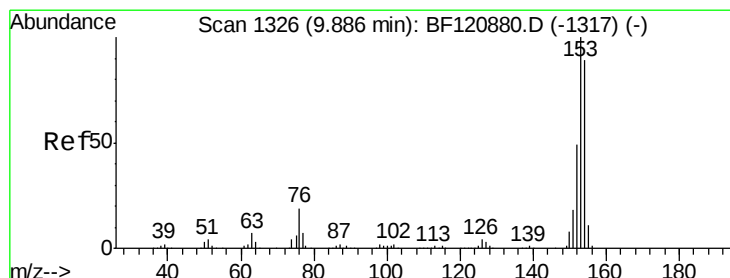
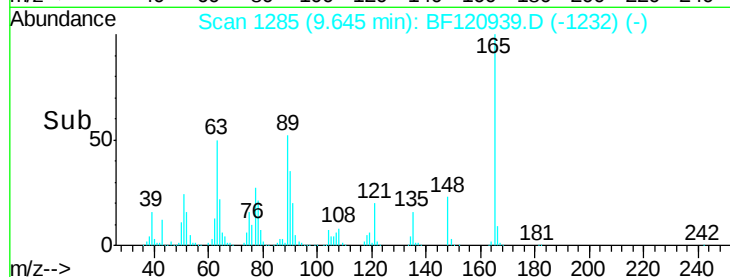
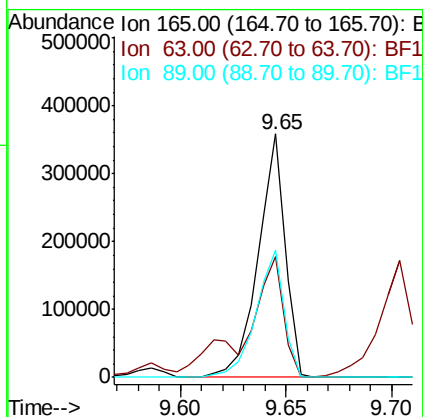
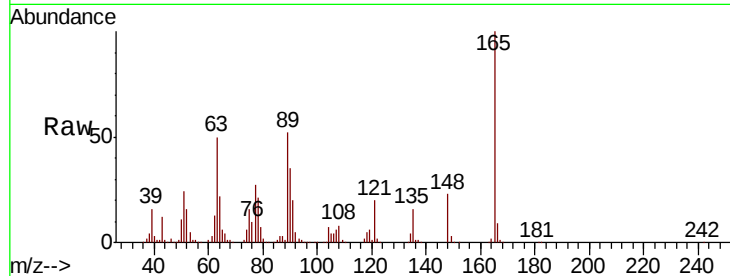




#51
2,6-Dinitrotoluene
Concen: 45.821 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

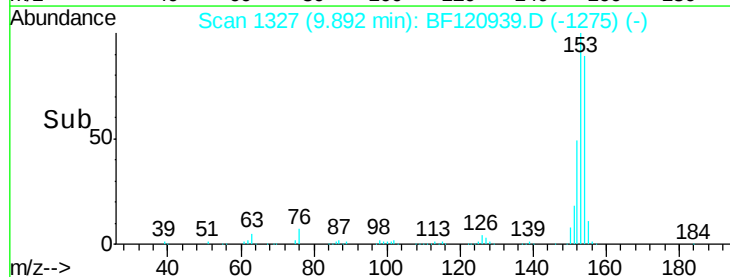
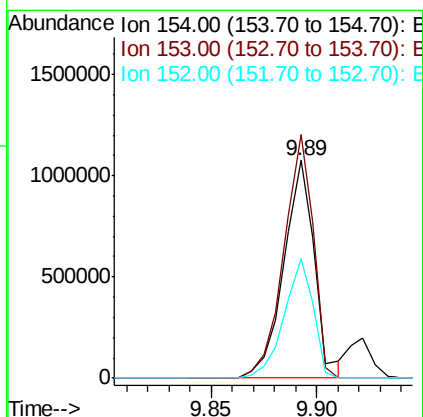
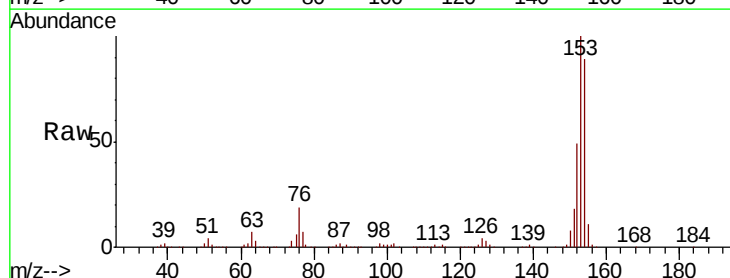
Instrument :
BNA_F
ClientSampleId :
PB130317BS

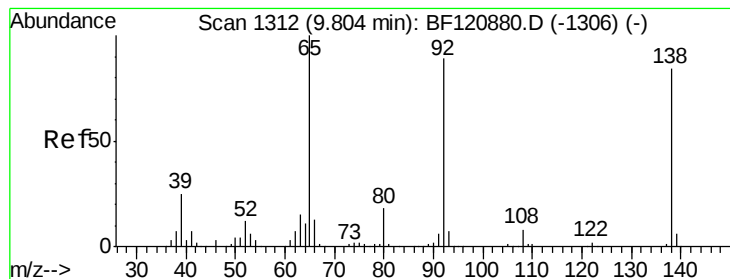
Tot Ion:165 Resp: 319901
Ion Ratio Lower Upper
165 100
63 49.6 45.4 68.2
89 52.3 47.0 70.4



#52
Acenaphthene
Concen: 39.355 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:154 Resp: 1088900
Ion Ratio Lower Upper
154 100
153 112.0 89.5 134.3
152 54.7 44.2 66.2





#53

3-Nitroaniline

Concen: 33.545 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

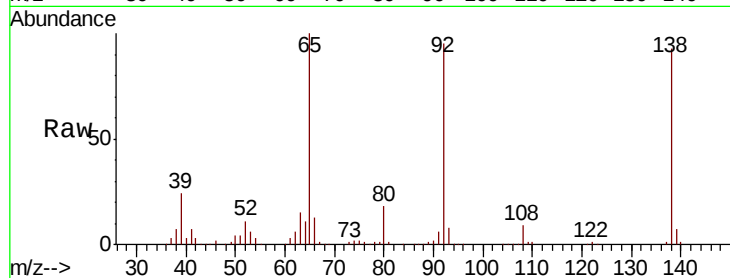
Tot Ion:138 Resp: 293724

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

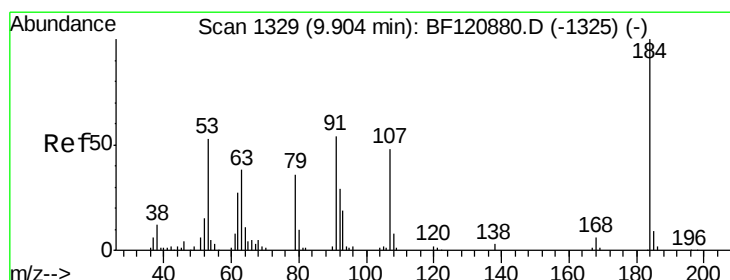
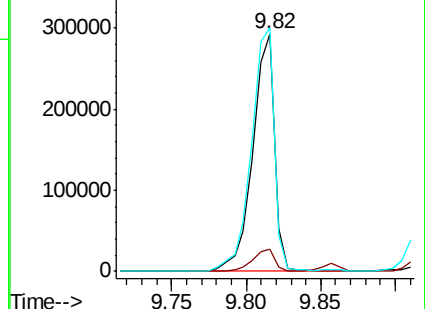
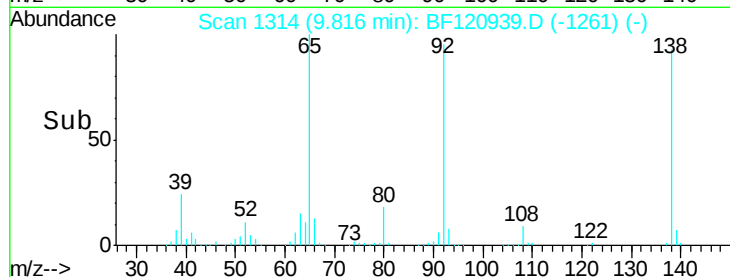
92 102.4 85.3 127.9



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: 83.453 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

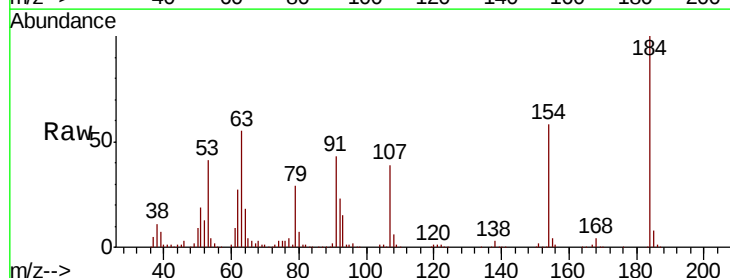
Tgt Ion:184 Resp: 336659

Ion Ratio Lower Upper

184 100

63 55.3 57.9 86.9#

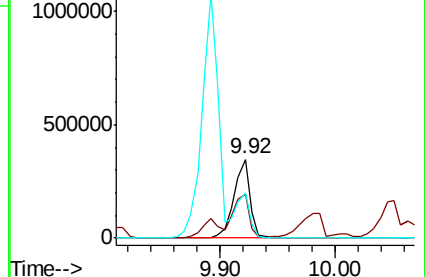
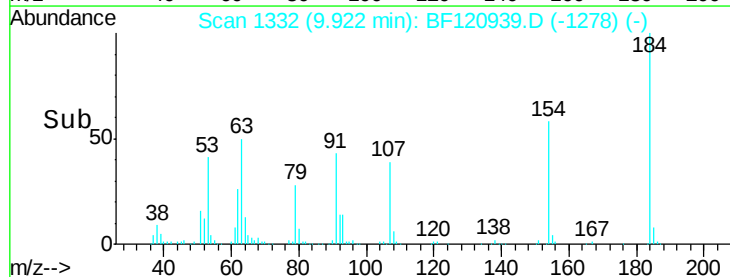
154 57.5 52.6 78.8

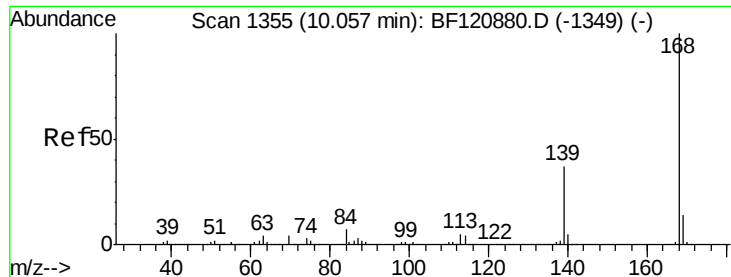


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

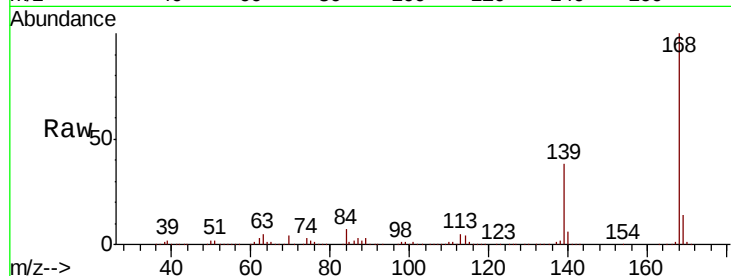




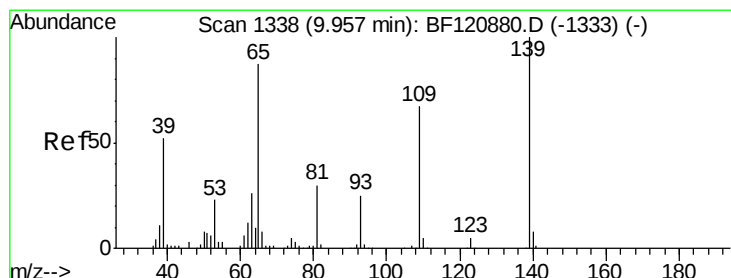
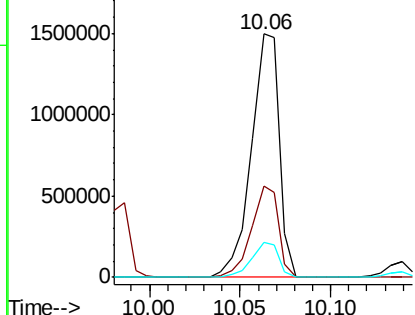
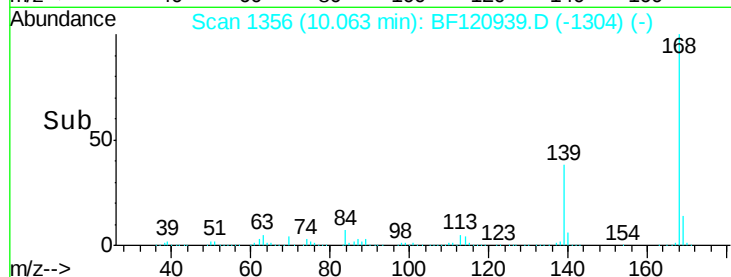
#55
Dibenzenofuran
Concen: 40.111 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:168 Resp: 1604922
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5
169 14.4 11.1 16.7

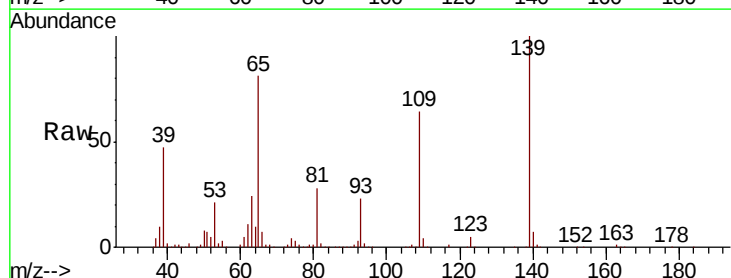


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

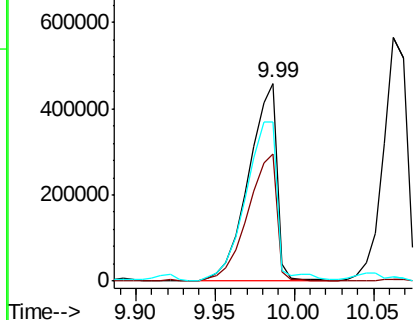
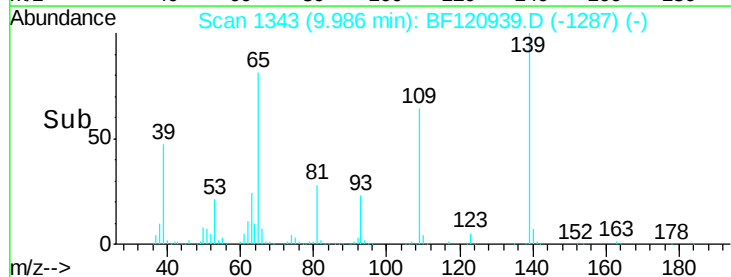


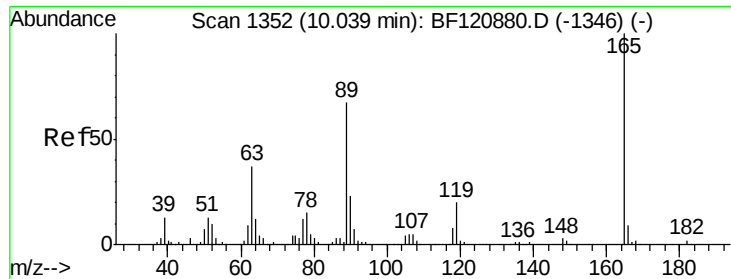
#56
4-Nitrophenol
Concen: 86.183 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.03 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:139 Resp: 573236
Ion Ratio Lower Upper
139 100
109 64.2 47.3 87.3
65 80.6 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

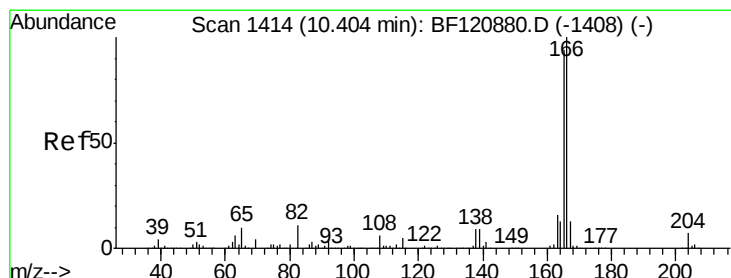
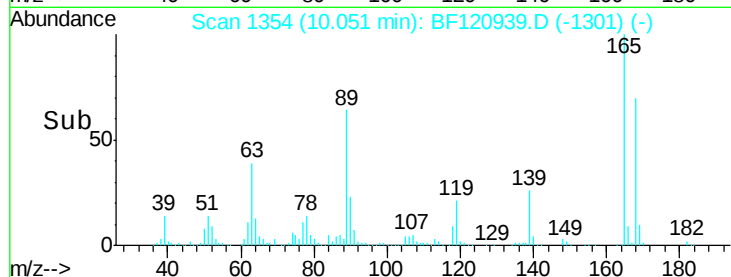
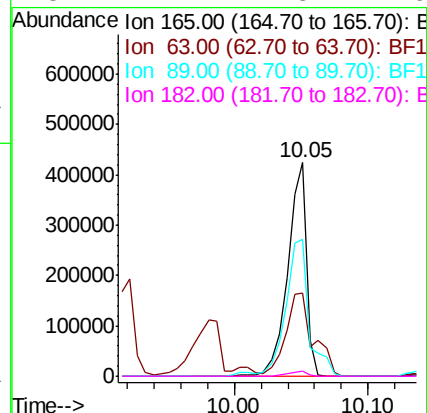
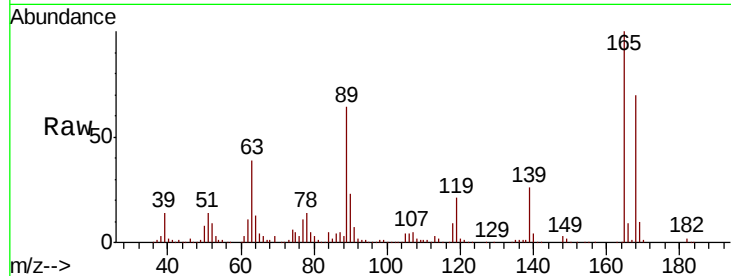




#57
2,4-Dinitrotoluene
Concen: 45.878 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

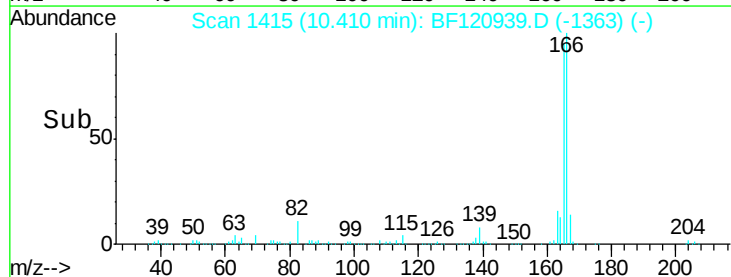
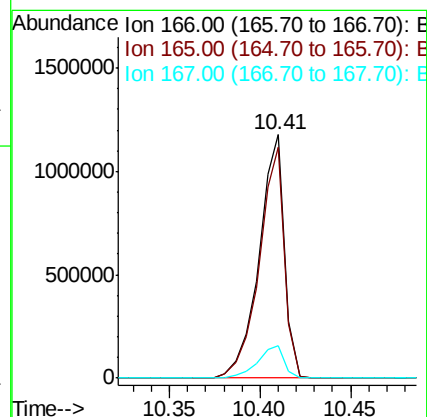
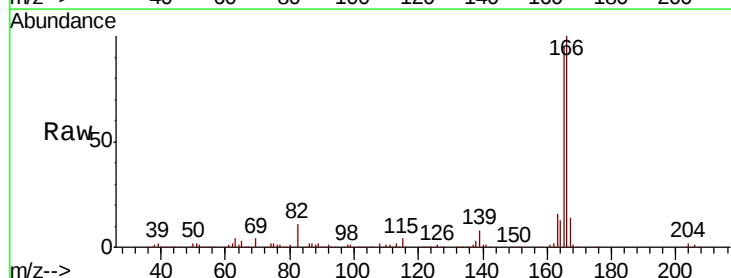
Instrument :
BNA_F
ClientSampleId :
PB130317BS

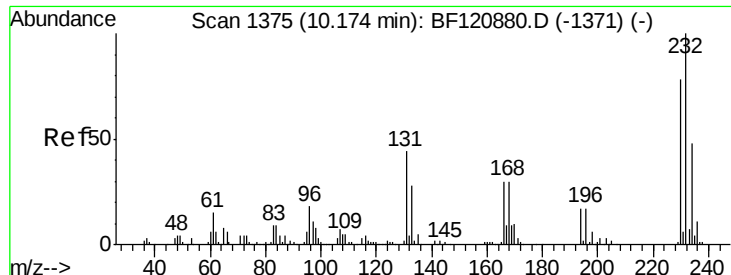
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	29.4	44.2
89	64.4	53.4	80.0
182	2.4	1.8	2.6



#58
Fluorene
Concen: 38.247 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.4	113.0
167	13.5	10.6	15.8

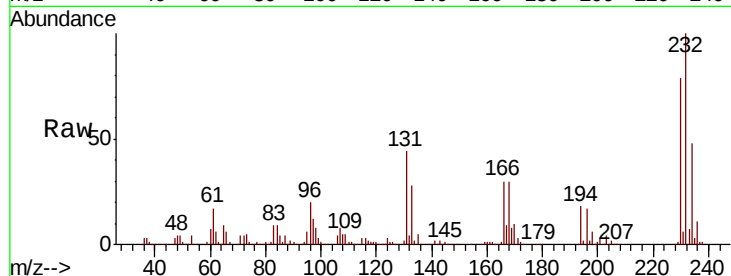




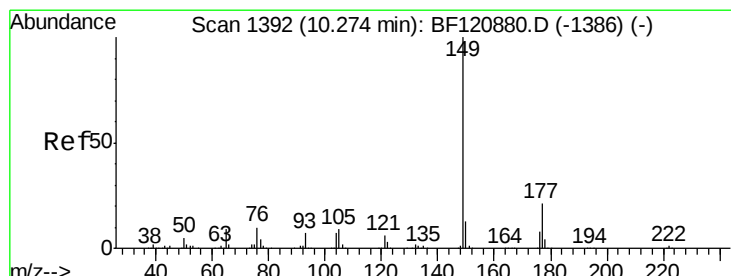
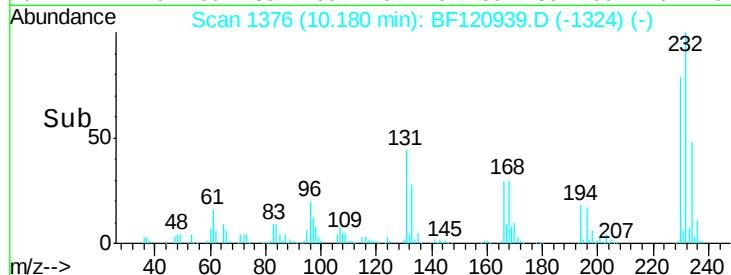
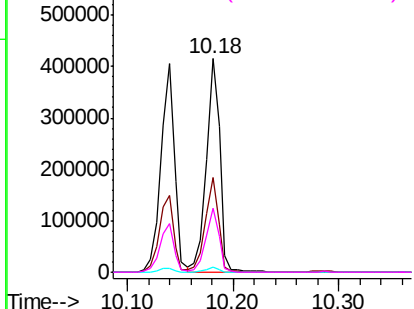
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.515 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion:232 Resp: 371219
 Ion Ratio Lower Upper
 232 100
 131 42.9 37.1 55.7
 130 2.1 1.7 2.5
 166 29.1 24.2 36.4

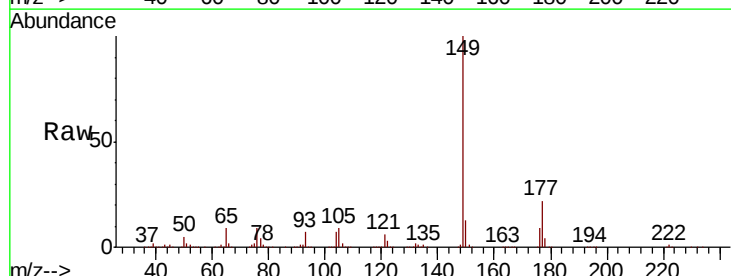


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

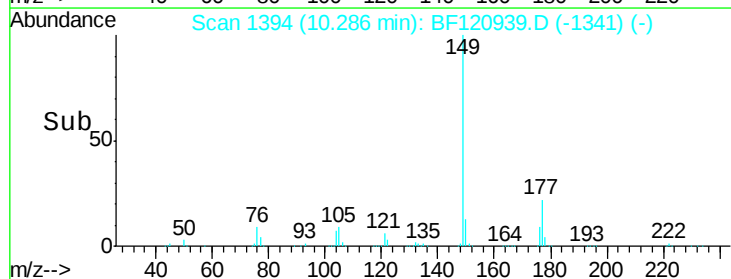
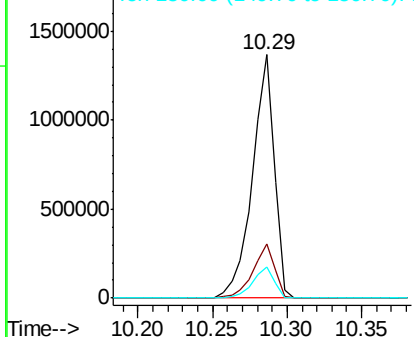


#60
 Diethylphthalate
 Concen: 41.913 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:149 Resp: 1377651
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.1 25.7
 150 12.9 10.3 15.5



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

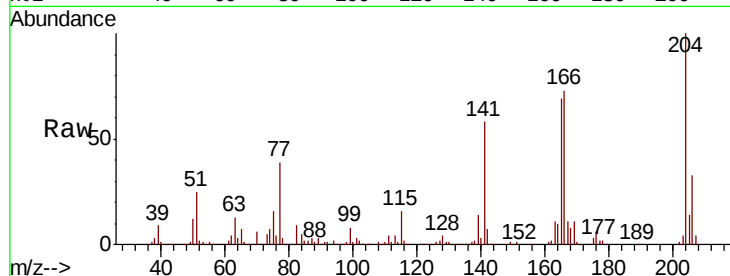




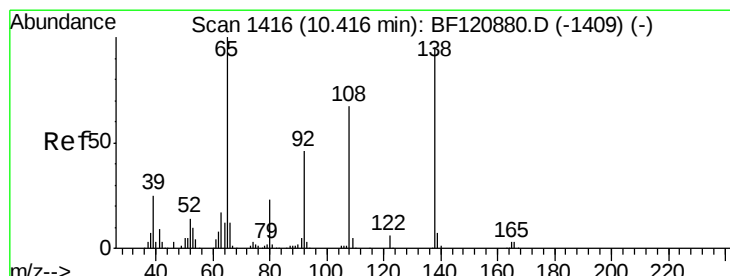
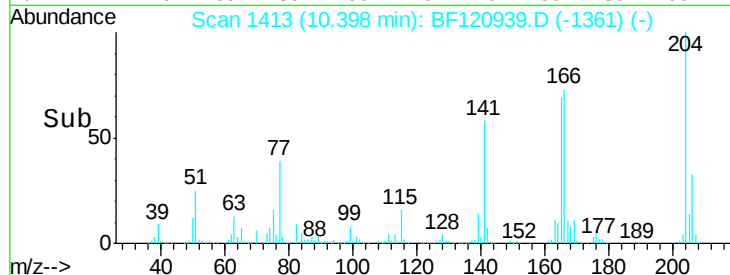
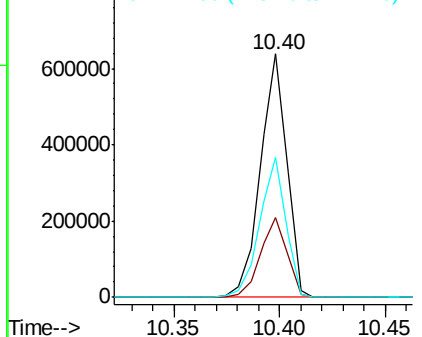
#61
4-Chlorophenyl-phenylether
Concen: 34.899 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:204 Resp: 555484
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 57.6 47.2 70.8

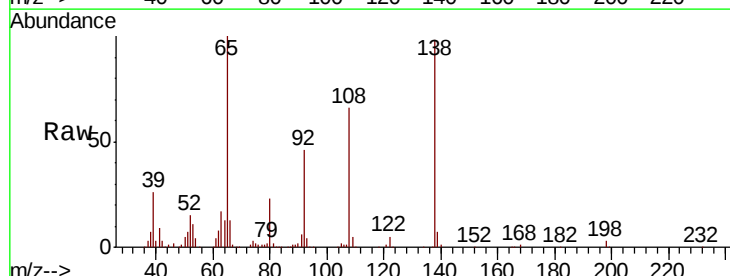


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

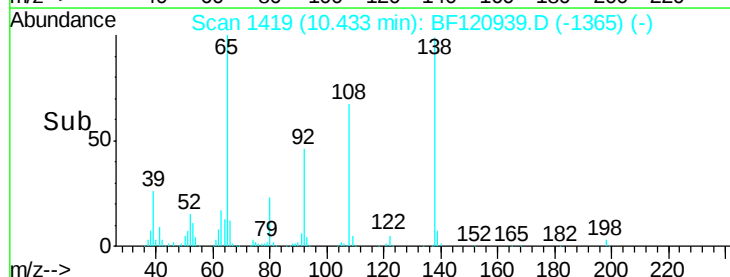
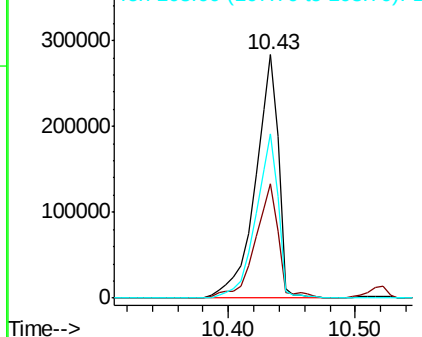


#62
4-Nitroaniline
Concen: 42.504 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.02 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:138 Resp: 362532
Ion Ratio Lower Upper
138 100
92 46.7 28.6 68.6
108 67.7 51.1 91.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.241 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

Tot Ion: 77 Resp: 1290532

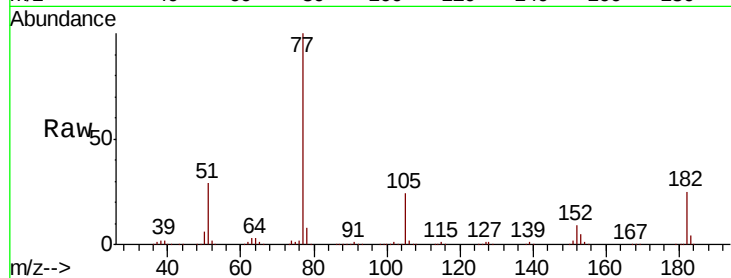
Ion Ratio Lower Upper

77 100

182 25.3 7.8 47.8

105 23.7 4.4 44.4

51 28.7 8.0 48.0

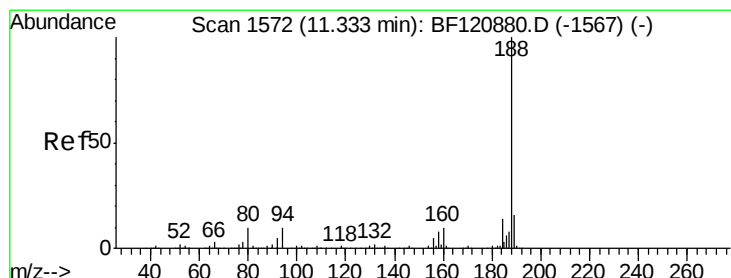
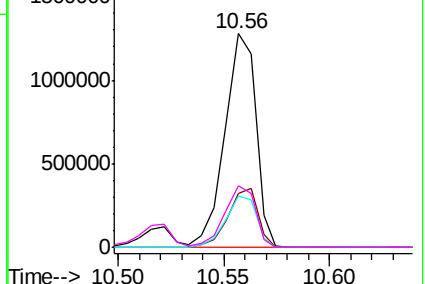
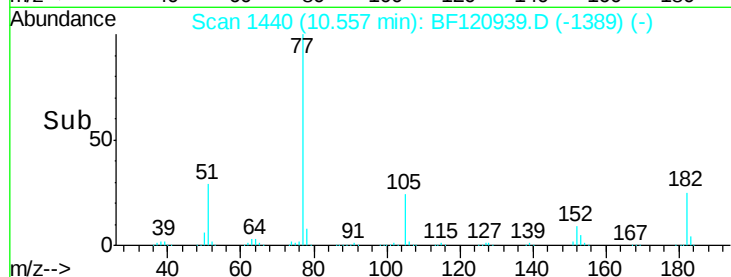


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

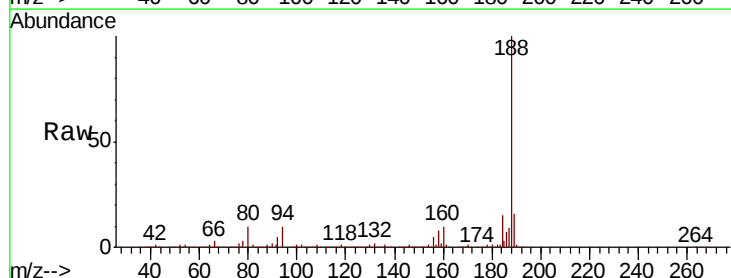
Tgt Ion: 188 Resp: 865234

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

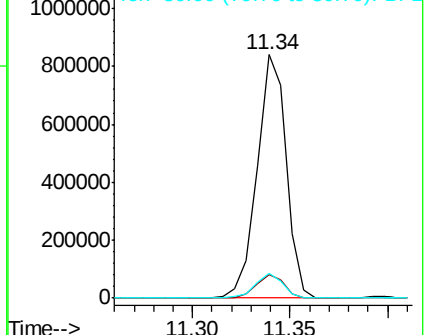
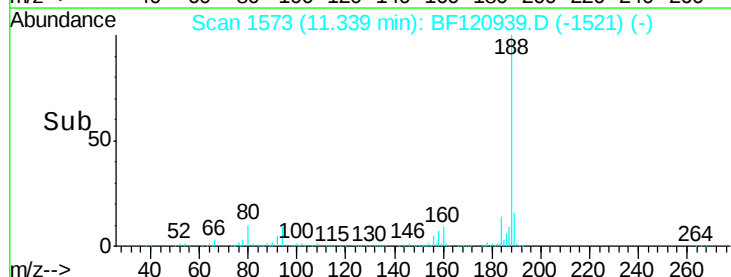
80 10.3 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

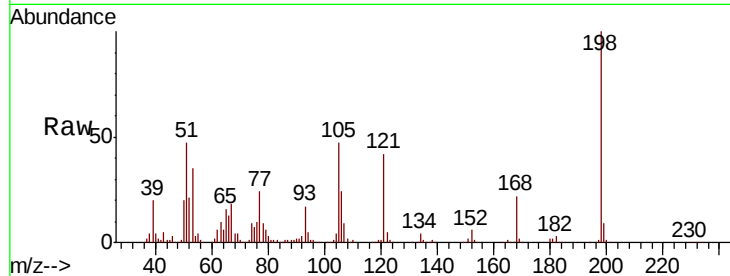




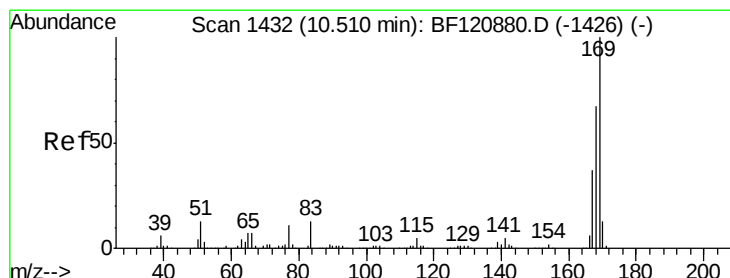
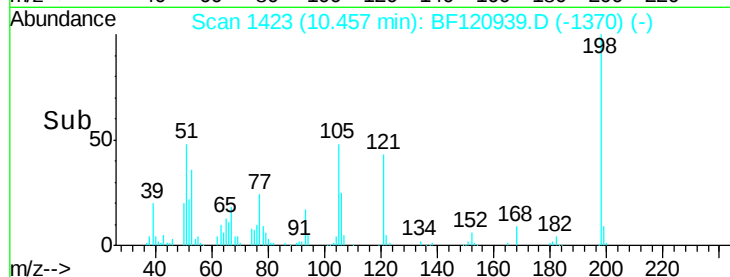
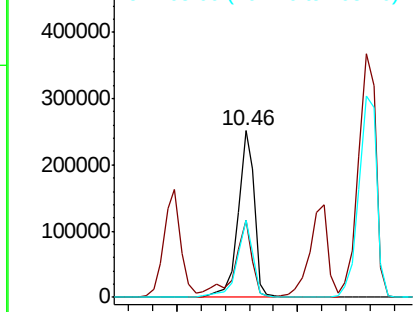
#65
4,6-Dinitro-2-methylphenol
Concen: 47.300 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampled :
PB130317BS

Tot Ion:198 Resp: 236555
Ion Ratio Lower Upper
198 100
51 46.6 19.5 59.5
105 46.7 24.4 64.4

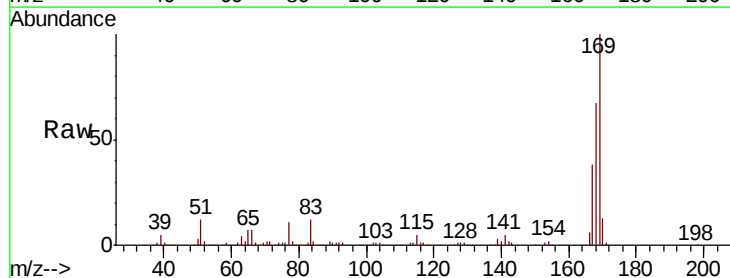


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

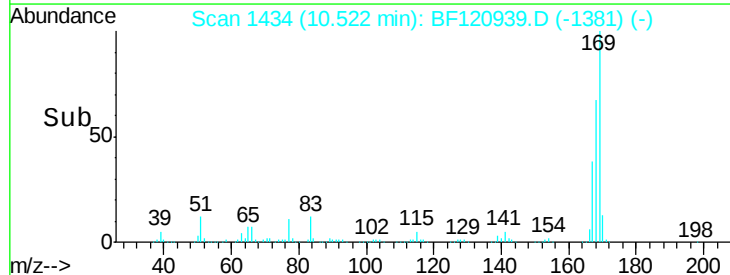
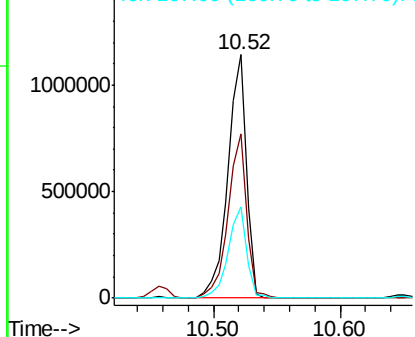


#66
n-Nitrosodiphenylamine
Concen: 42.036 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:169 Resp: 1144166
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 37.6 29.4 44.0



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

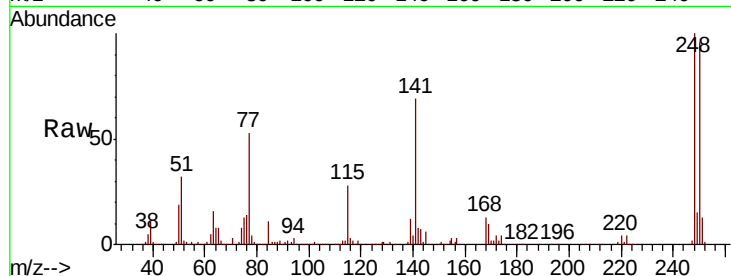




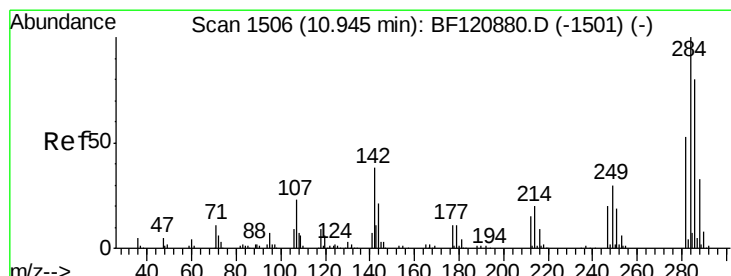
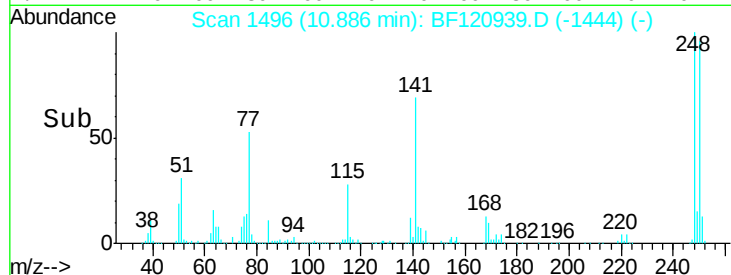
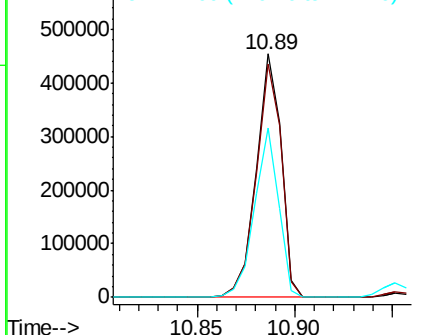
#67
 4-Bromophenyl-phenylether
 Concen: 41.633 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

Tot Ion:248 Resp: 401617
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.1 115.7
 141 69.5 61.2 91.8

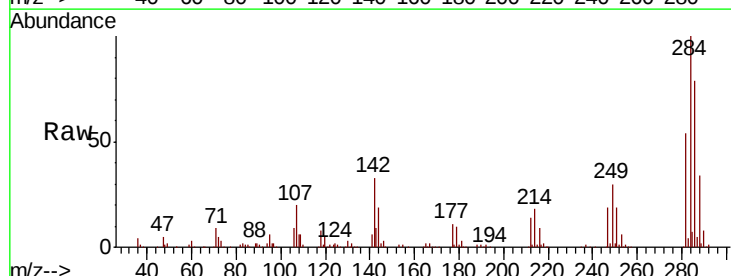


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

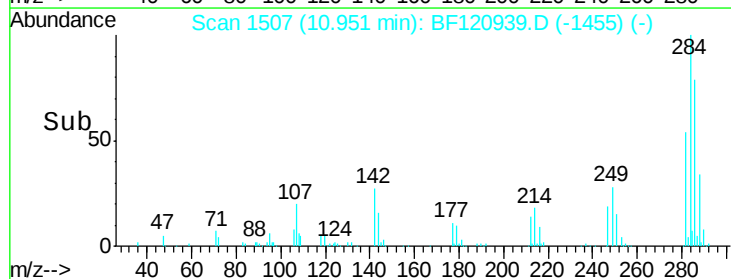
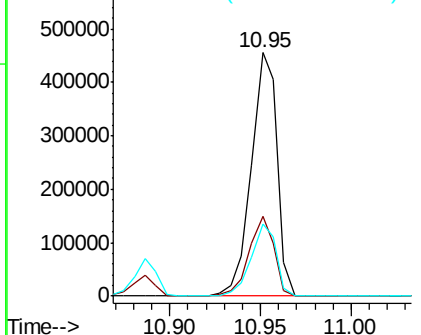


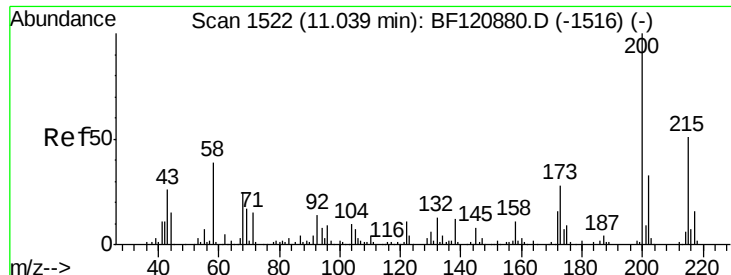
#68
 Hexachlorobenzene
 Concen: 42.989 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:284 Resp: 448596
 Ion Ratio Lower Upper
 284 100
 142 32.7 30.2 45.2
 249 29.8 24.2 36.2



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

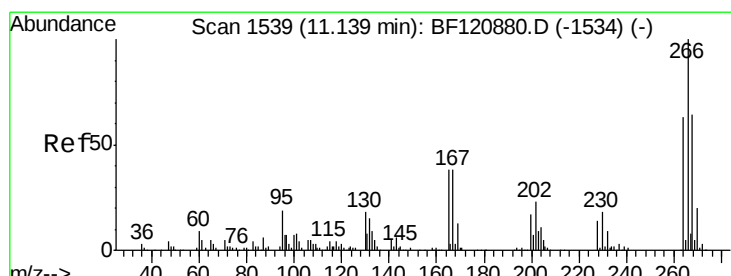
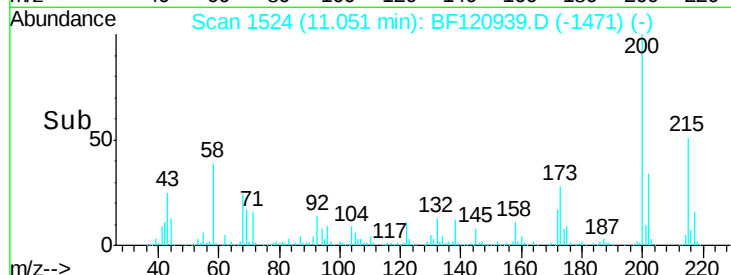
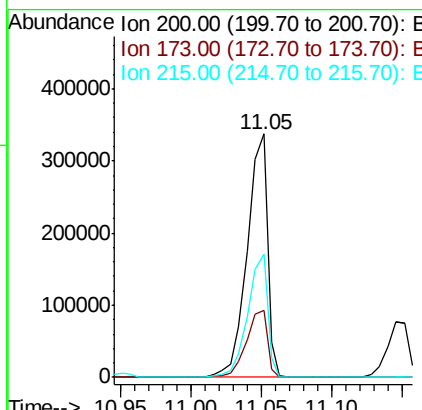
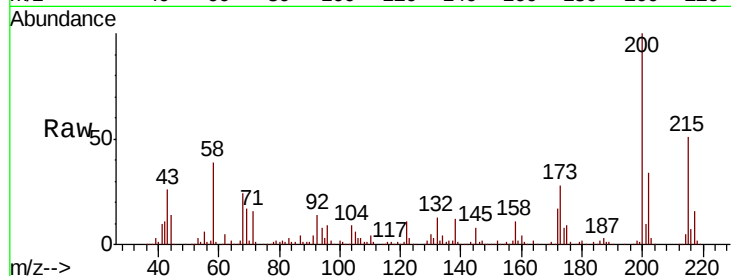




#69
 Atrazine
 Concen: 50.723 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

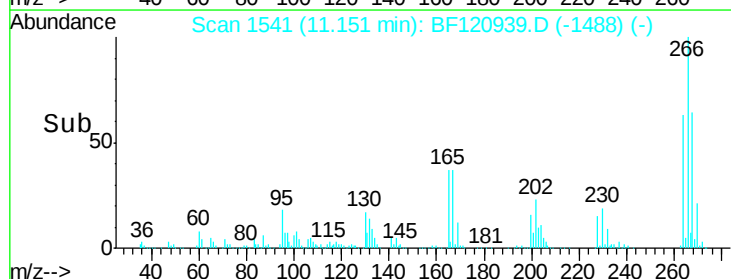
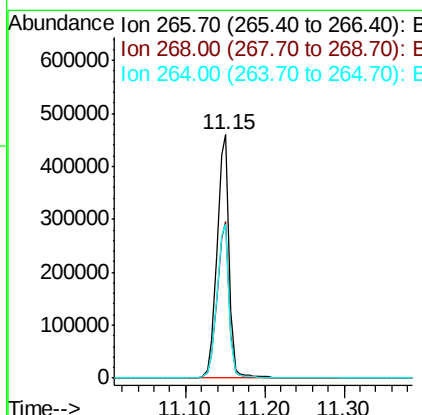
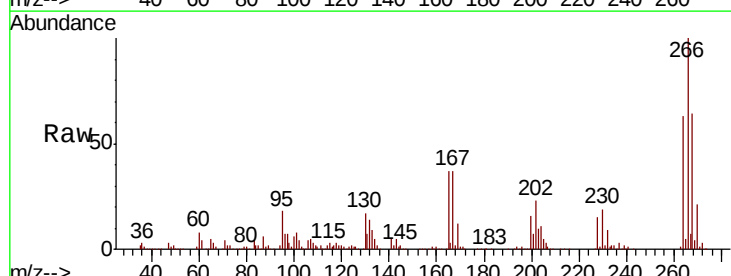
Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

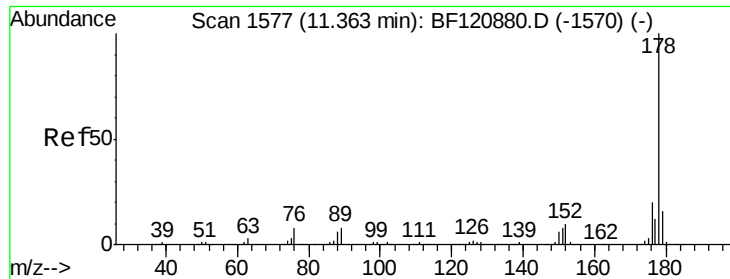
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.0	48.0
215	50.8	31.5	71.5



#70
 Pentachlorophenol
 Concen: 82.101 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	63.4	50.2	75.2

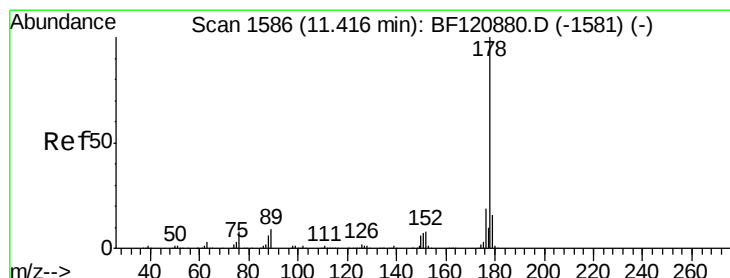
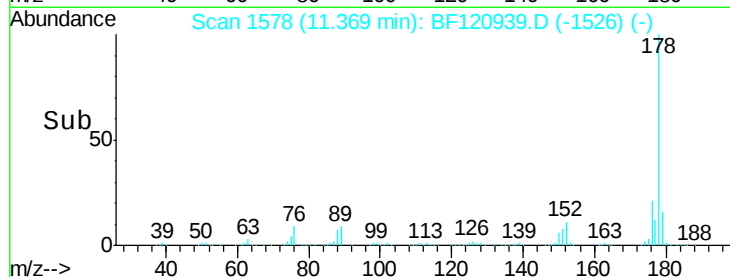
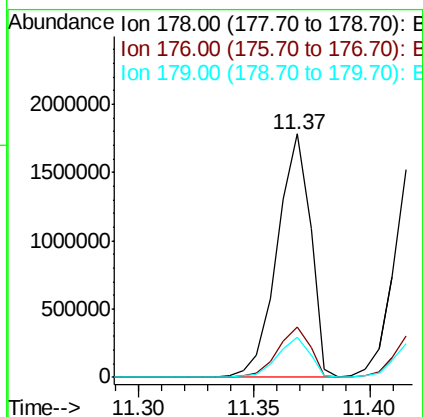
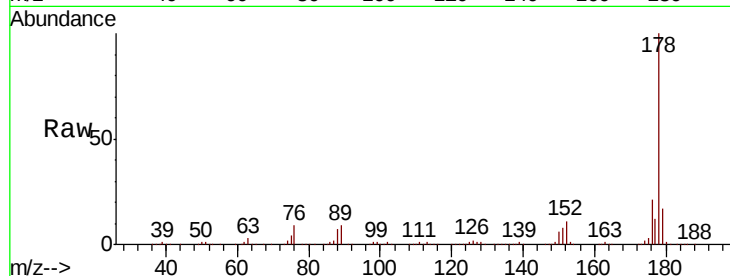




#71
Phenanthrene
Concen: 40.073 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

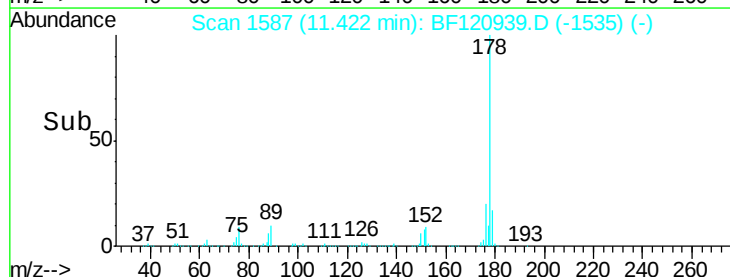
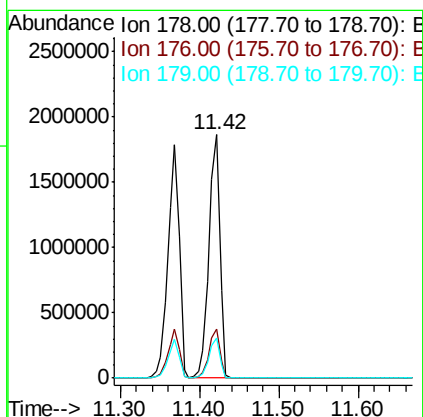
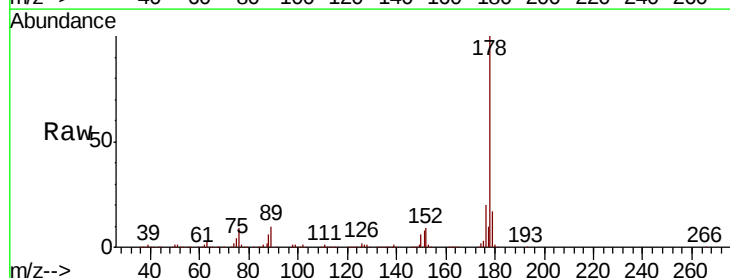
Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:178 Resp: 1783220
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.6 12.8 19.2



#72
Anthracene
Concen: 40.485 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:178 Resp: 1809010
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.5 12.8 19.2

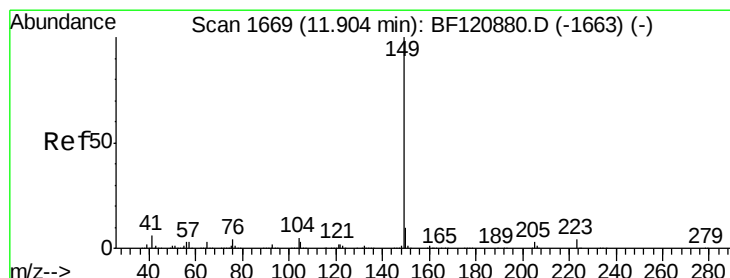
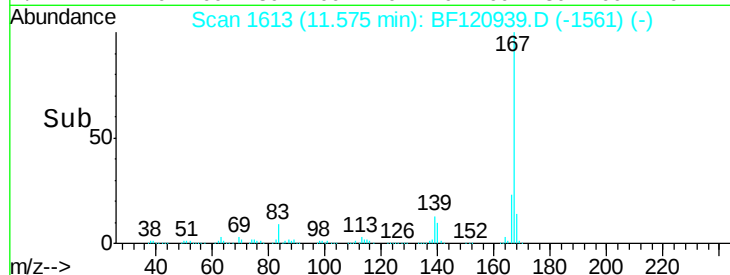
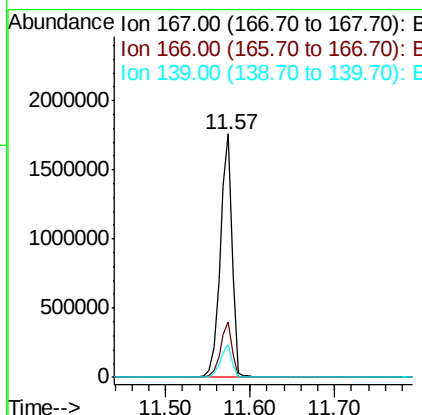
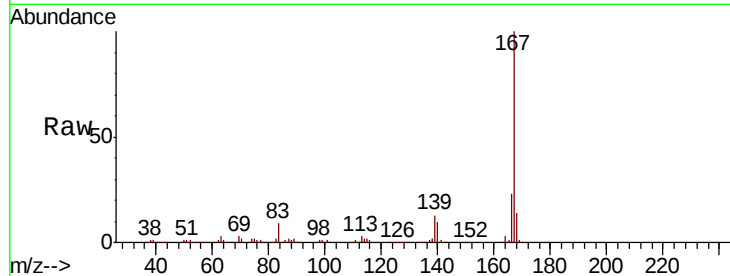




#73
 Carbazole
 Concen: 39.316 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

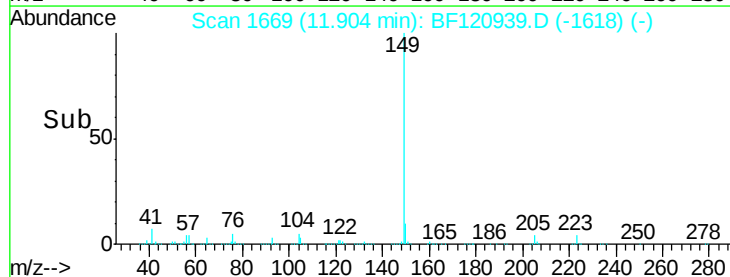
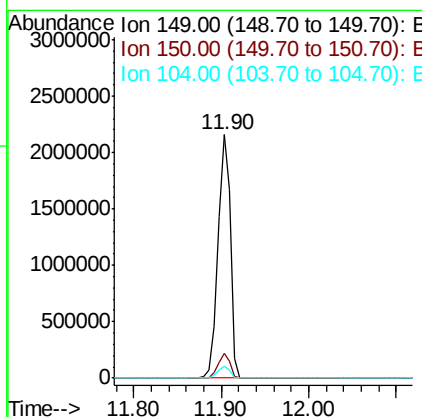
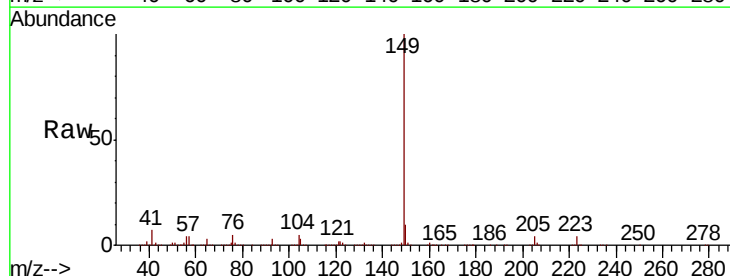
Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

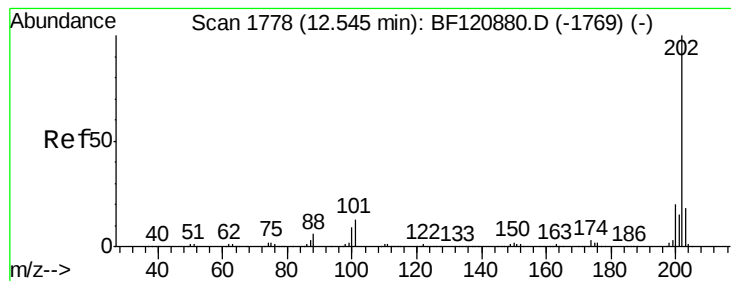
Tot Ion:167 Resp: 1743438
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 41.406 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:149 Resp: 2118910
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.6
 104 5.1 3.8 5.6





#75

Fluoranthene

Concen: 40.061 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

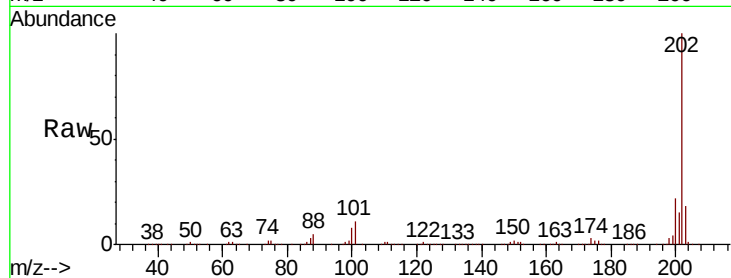
Tot Ion:202 Resp: 1975986

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.7

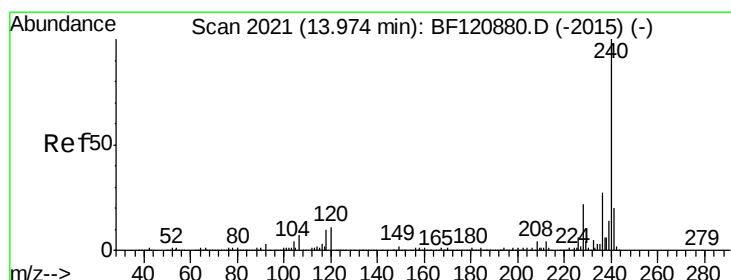
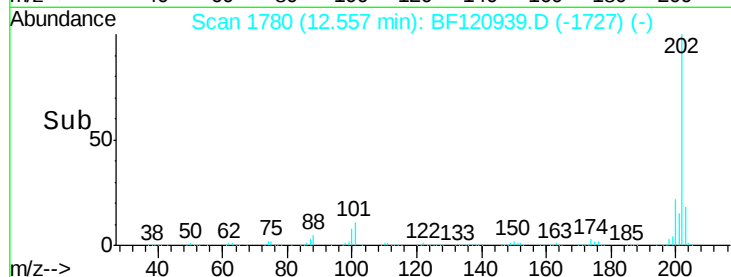
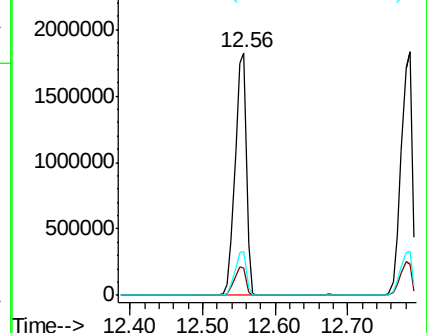
203 18.2 0.0 38.0



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: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

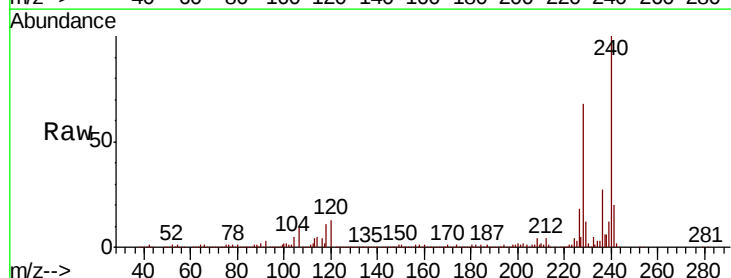
Tgt Ion:240 Resp: 642333

Ion Ratio Lower Upper

240 100

120 12.8 9.0 13.4

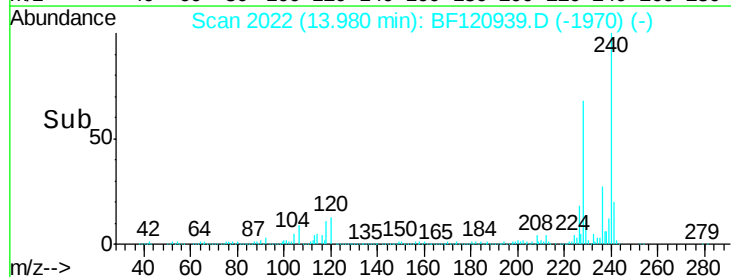
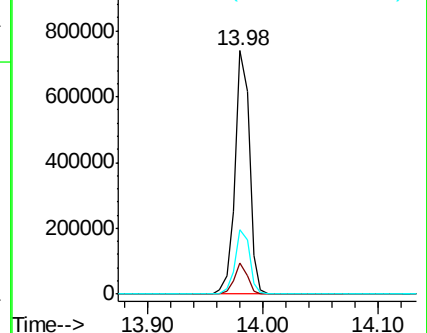
236 26.7 21.7 32.5

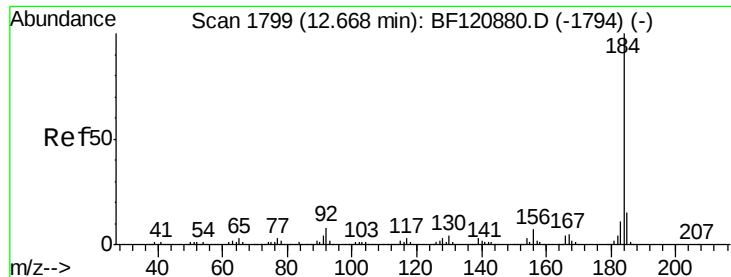


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.952 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

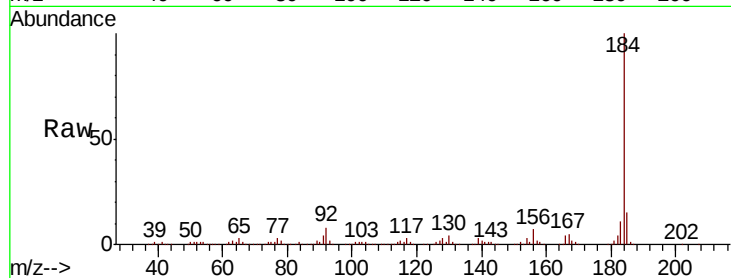
BNA_F

ClientSampleId :

PB130317BS

Tot Ion:184 Resp: 1046254

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.2	8.5	12.7

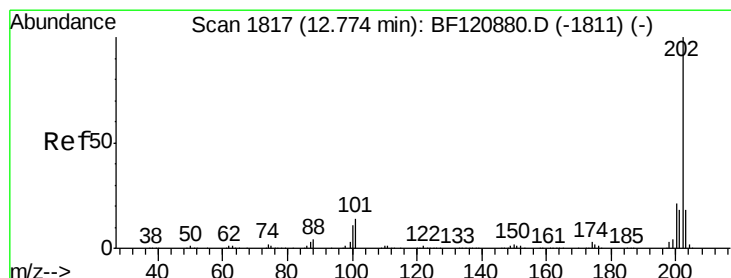
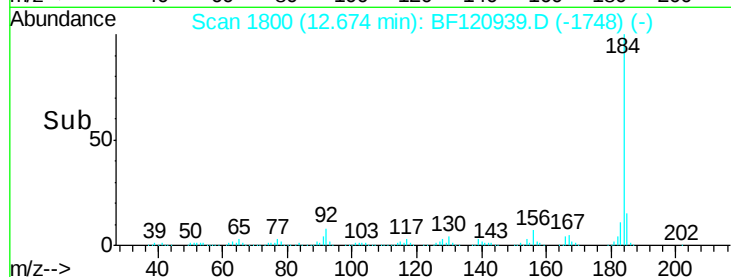
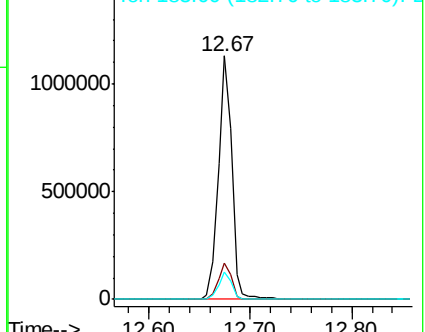


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.972 ng

RT: 12.79 min Scan# 1819

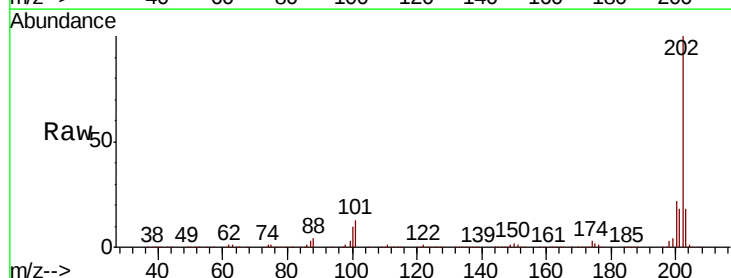
Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Tgt Ion:202 Resp: 1996898

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	18.2	14.4	21.6

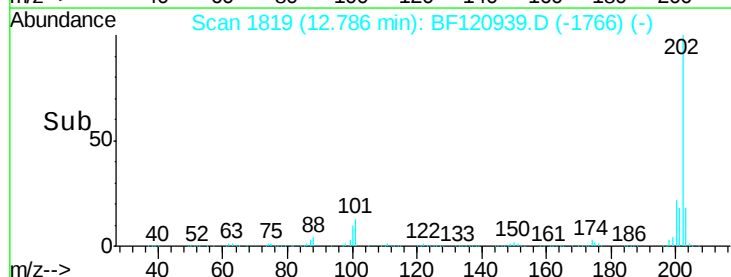
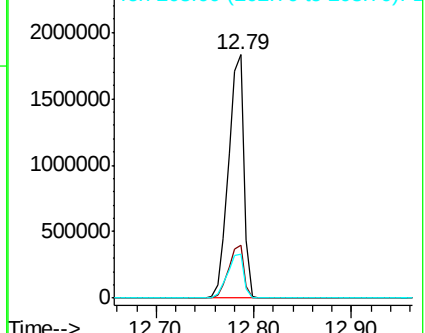


Abundance

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: 86.684 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

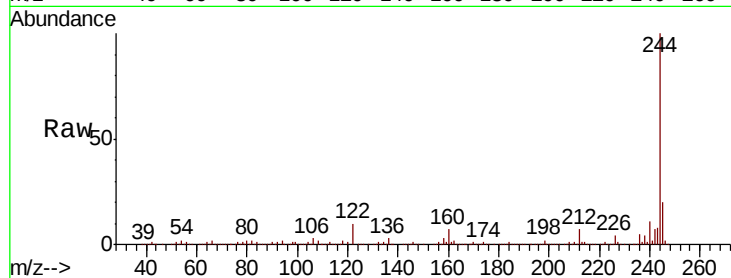
Tot Ion:244 Resp: 2561429

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

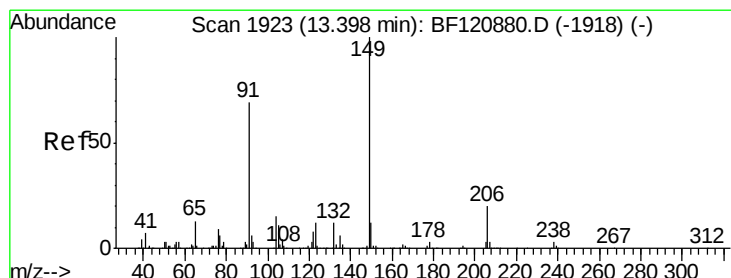
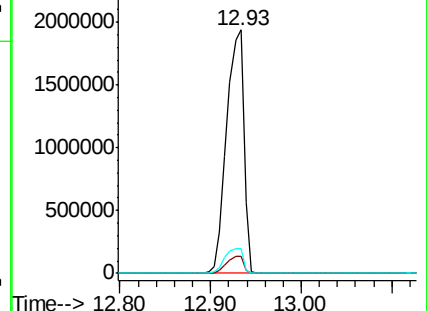
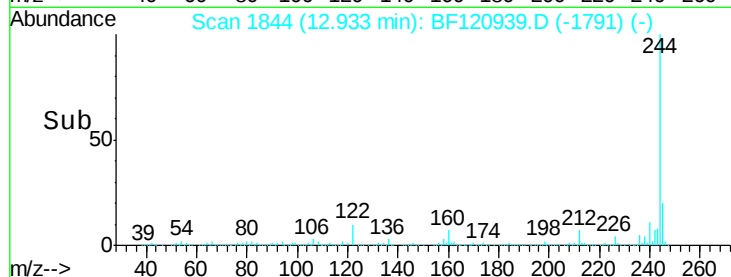
122 10.0 8.9 13.3



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: 45.845 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

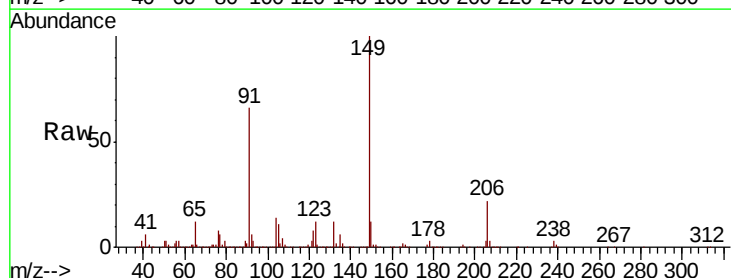
Tgt Ion:149 Resp: 928118

Ion Ratio Lower Upper

149 100

91 66.0 55.1 82.7

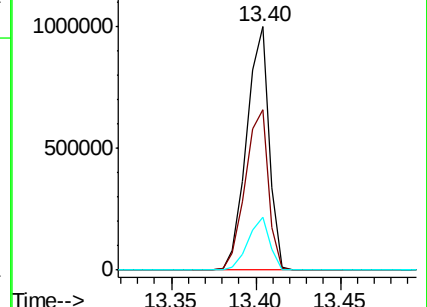
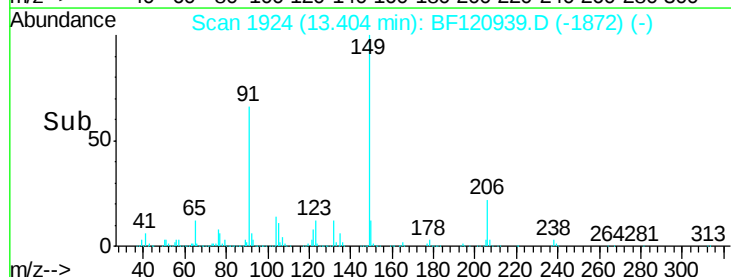
206 21.8 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.897 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

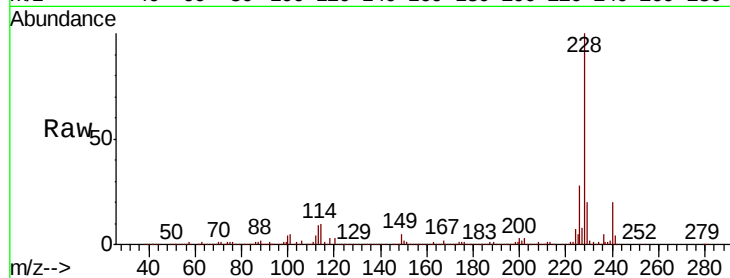
Tot Ion:228 Resp: 1551851

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

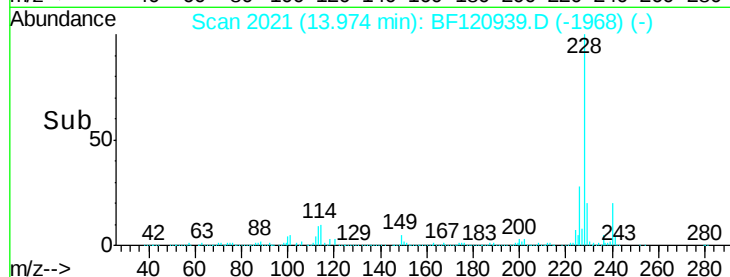
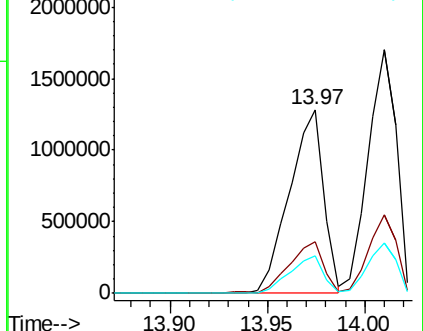
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.636 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

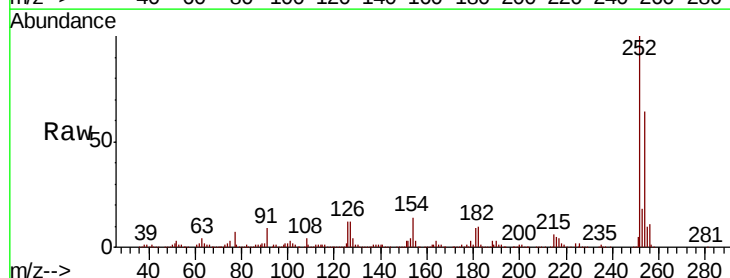
Tgt Ion:252 Resp: 596309

Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

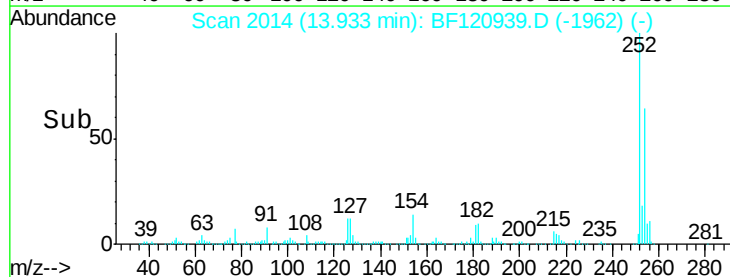
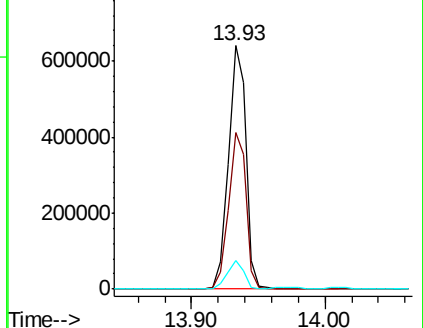
126 11.9 8.7 13.1



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: 42.121 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

Instrument :

BNA_F

ClientSampleId :

PB130317BS

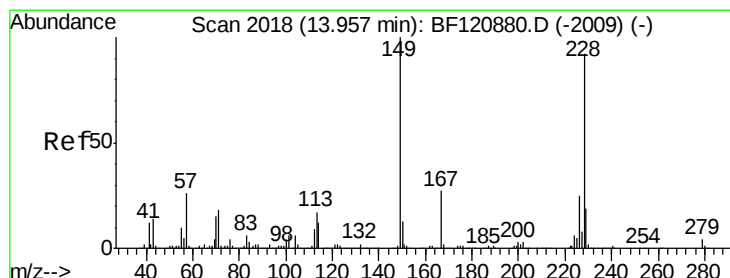
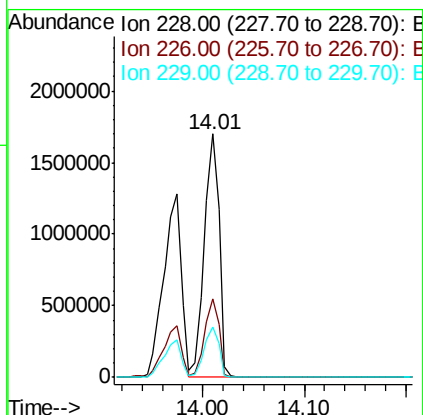
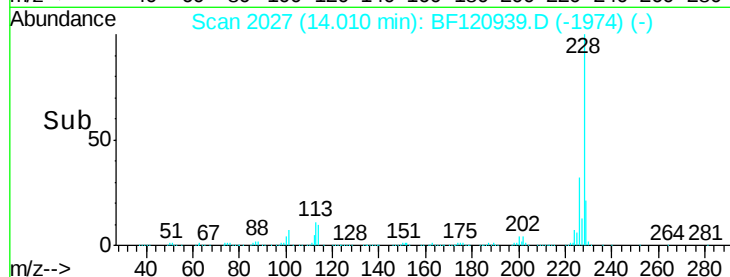
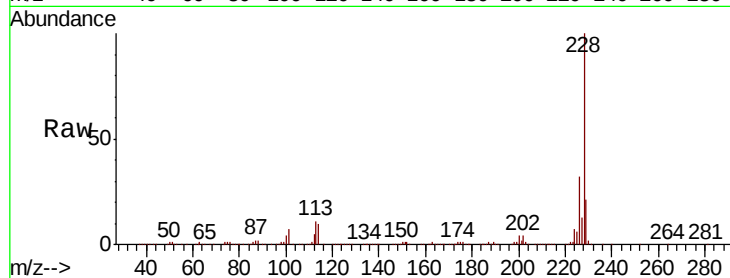
Tot Ion:228 Resp: 1721758

Ion Ratio Lower Upper

228 100

226 32.4 25.6 38.4

229 20.8 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.903 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120939.D

Acq: 20 Jul 2020 18:13

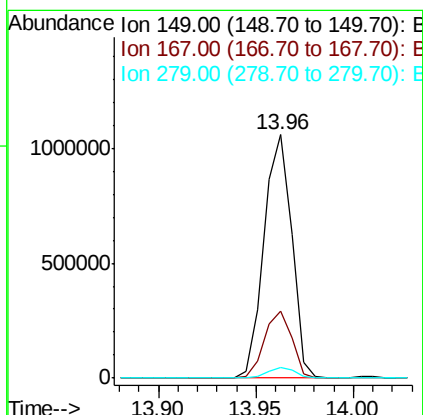
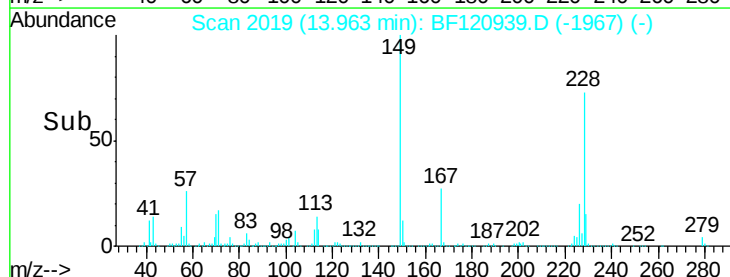
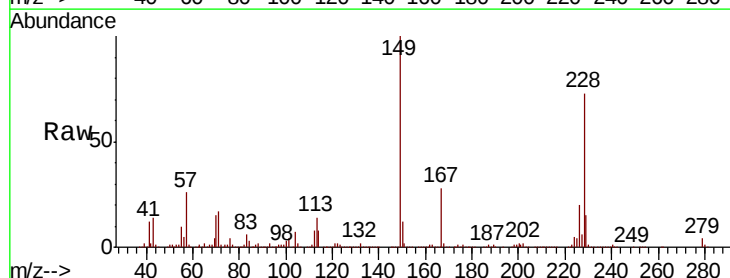
Tgt Ion:149 Resp: 1046061

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 4.4 3.0 4.4#

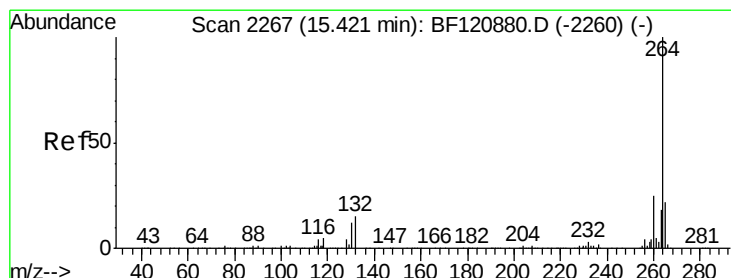
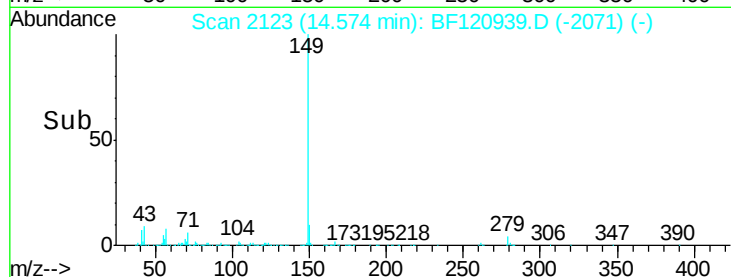
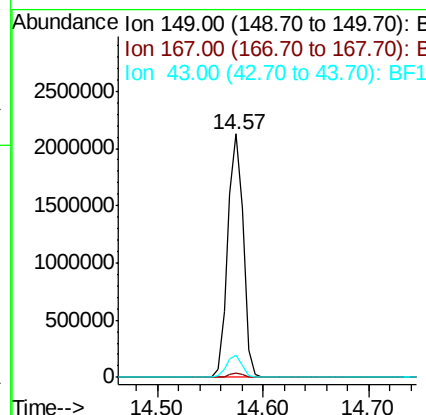
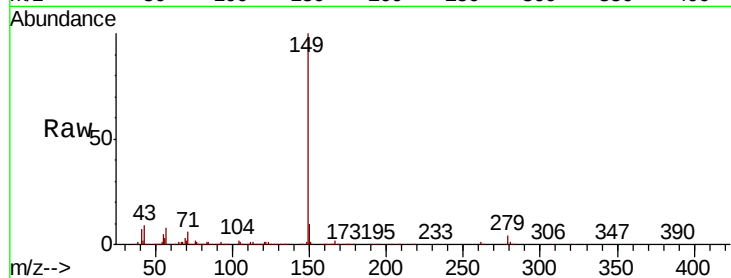




#85
Di-n-octyl phthalate
Concen: 43.667 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

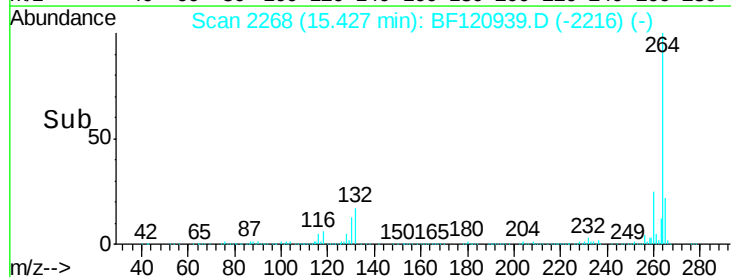
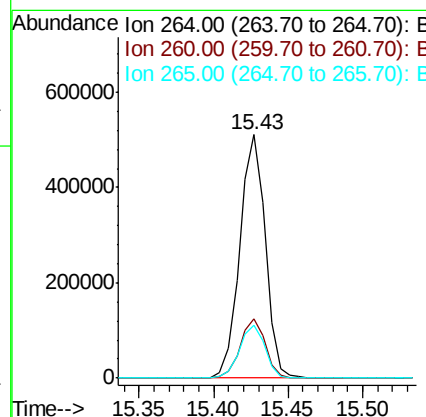
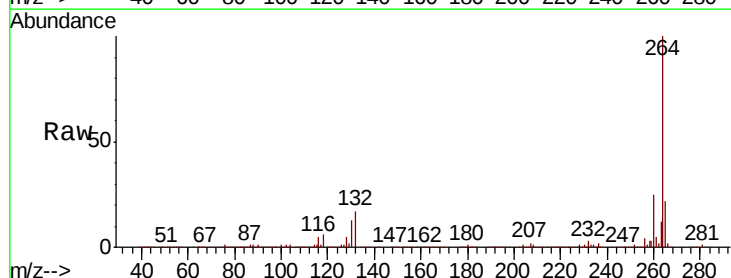
Instrument :
BNA_F
ClientSampleId :
PB130317BS

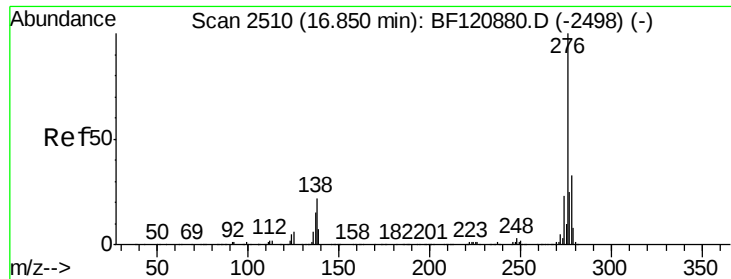
Tot Ion:149 Resp: 2168770
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:264 Resp: 611054
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 21.8 17.4 26.2

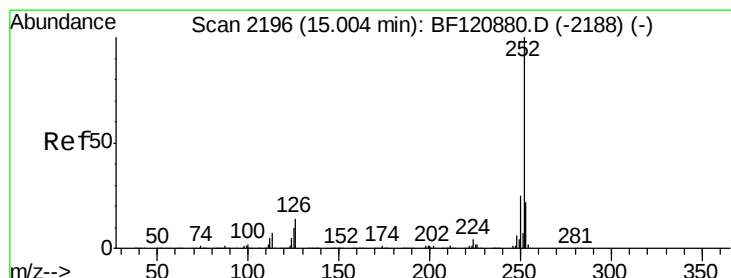
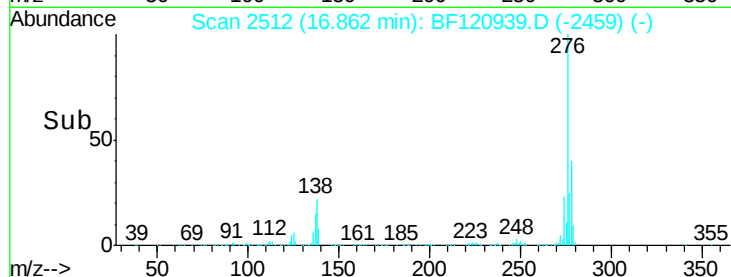
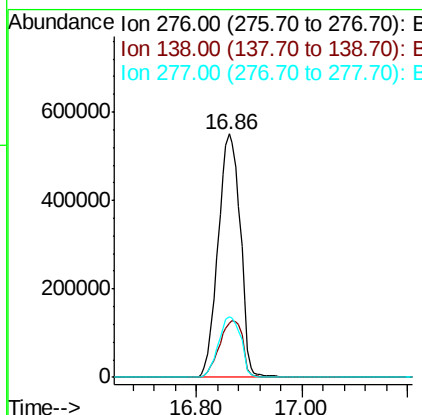
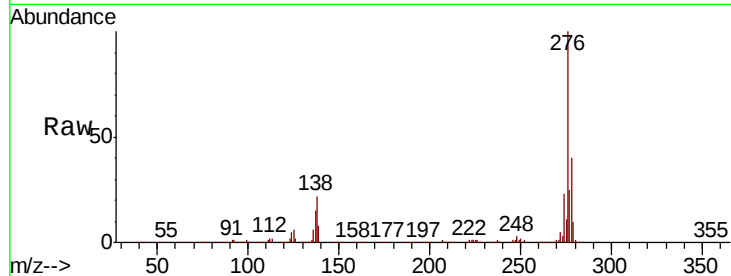




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.772 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

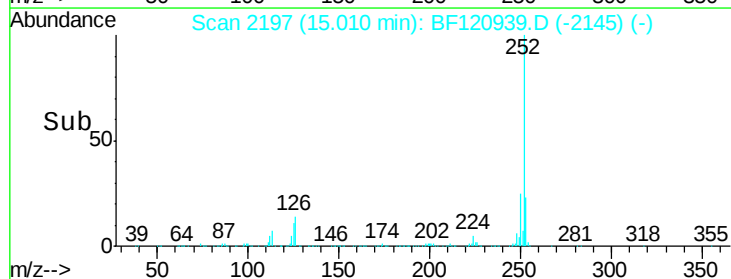
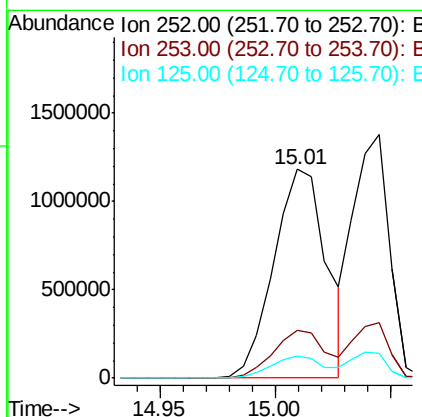
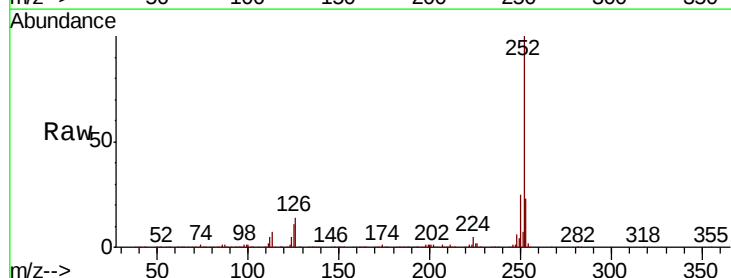
Instrument :
 BNA_F
 ClientSampleId :
 PB130317BS

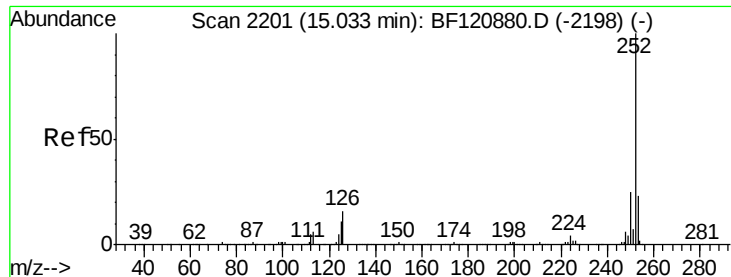
Tot Ion:276 Resp: 1605191
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 25.5 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.749 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120939.D
 Acq: 20 Jul 2020 18:13

Tgt Ion:252 Resp: 1874474
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.0 27.0
 125 10.6 8.3 12.5

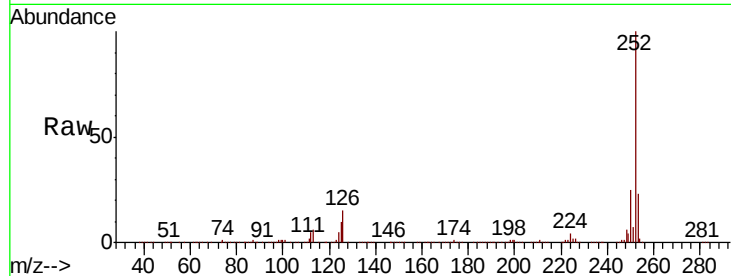




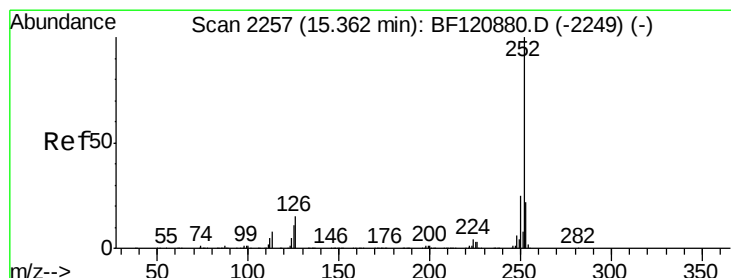
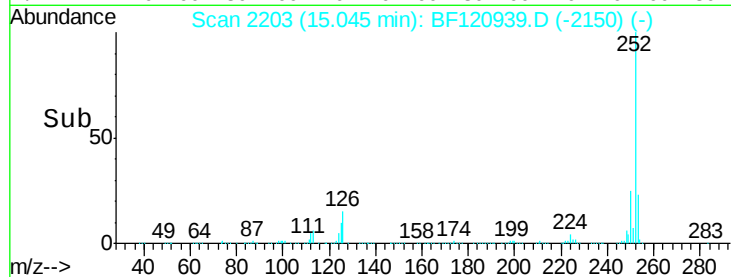
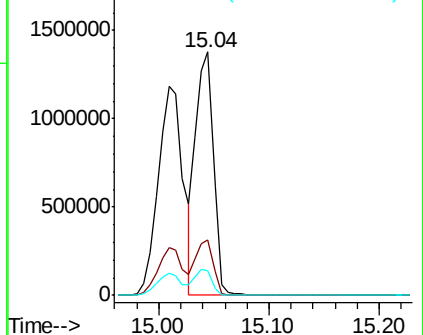
#89
Benzo(k)fluoranthene
Concen: 44.768 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:252 Resp: 1508036
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 10.1 8.4 12.6

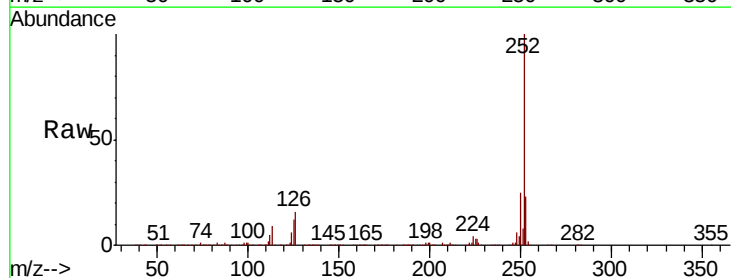


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

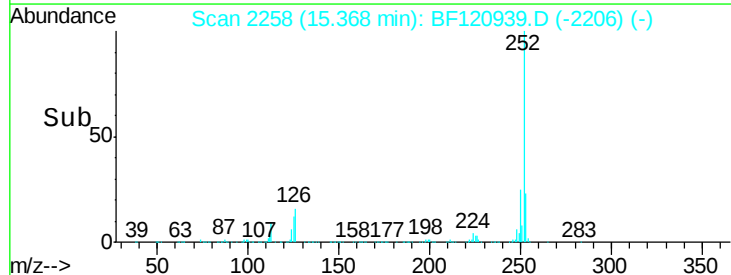
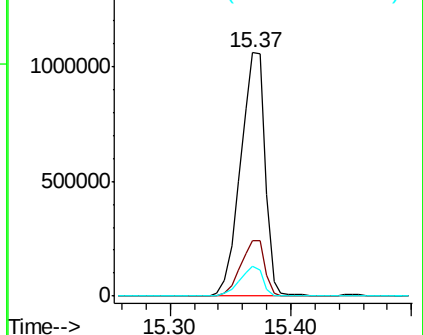


#90
Benzo(a)pyrene
Concen: 44.962 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:252 Resp: 1515170
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 12.0 8.9 13.3



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



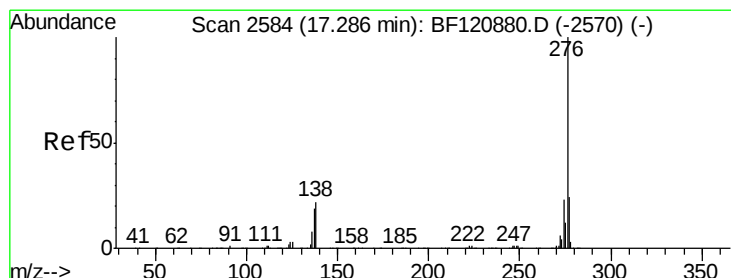
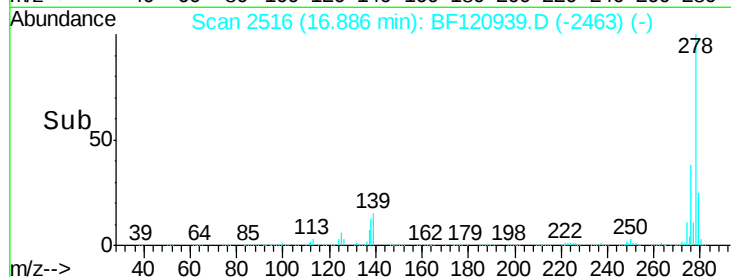
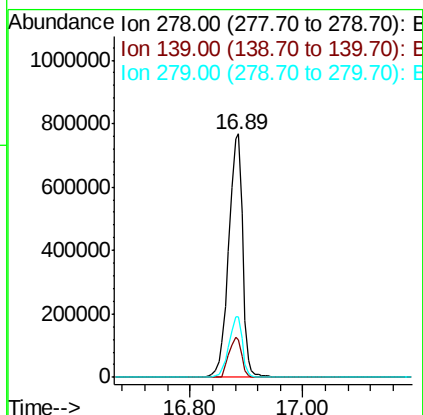
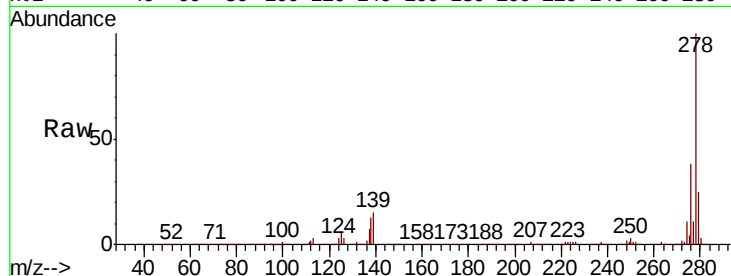


#91
Dibenzo(a,h)anthracene
Concen: 38.380 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Instrument :
BNA_F
ClientSampleId :
PB130317BS

Tot Ion:278 Resp: 1332295

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	24.7	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 37.272 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120939.D
Acq: 20 Jul 2020 18:13

Tgt Ion:276 Resp: 1275703

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	20.8	17.5	26.3

