

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112720.D
 Acq On : 27 Feb 2019 15:42
 Operator : JU/SJ
 Sample : K1613-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Quant Time: Feb 28 01:59:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	225732	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	829014	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	371344	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	656106	20.00	ng	0.00
76) Chrysene-d12	13.87	240	450792	20.00	ng	0.00
87) Perylene-d12	15.27	264	526306	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1693724	116.72	ng	0.01
7) Phenol-d6	6.37	99	2182682	119.74	ng	0.00
23) Nitrobenzene-d5	7.30	82	1309652	94.53	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	431302	109.40	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1937265	90.36	ng	0.00
79) Terphenyl-d14	12.83	244	1601205	68.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.18	88	108	0.015	ng	# 1
3) Pyridine	3.50	79	116	0.006	ng	# 20
4) n-Nitrosodimethylamine	3.08	42	118	0.014	ng	# 1
6) Aniline	6.39	93	1623	0.065	ng	# 1
8) 2-Chlorophenol	6.52	128	733	0.045	ng	# 1
9) Benzaldehyde	6.28	77	1625	0.124	ng	95
10) Phenol	6.39	94	74368	3.496	ng	88
11) bis(2-Chloroethyl)ether	6.51	93	2708	0.166	ng	# 1
12) 1,3-Dichlorobenzene	6.90	146	114	0.007	ng	# 1
13) 1,4-Dichlorobenzene	6.90	146	114	0.007	ng	# 1
14) 1,2-Dichlorobenzene	6.90	146	114	0.007	ng	# 1
15) Benzyl Alcohol	6.90	79	22884	1.646	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.02	45	173	0.006	ng	71
17) 2-Methylphenol	6.87	107	347	0.026	ng	# 2
18) Hexachloroethane	7.32	117	417	0.065	ng	# 4
19) n-Nitroso-di-n-propylamine	7.30	70	178096	15.426	ng	# 79
20) 3+4-Methylphenols	7.14	107	622	0.042	ng	# 45
22) Acetophenone	7.14	105	1702	0.088	ng	# 88
24) Nitrobenzene	7.30	77	4815	0.312	ng	# 36
25) Isophorone	7.30	82	1304432	43.704	ng	# 66
26) 2-Nitrophenol	7.55	139	466	0.073	ng	# 4
27) 2,4-Dimethylphenol	7.69	122	131	0.011	ng	# 68
28) bis(2-Chloroethoxy)methane	7.62	93	195	0.010	ng	# 14
31) Naphthalene	8.04	128	4169	0.101	ng	97
32) Benzoic acid	7.73	122	381	0.046	ng	# 54
33) 4-Chloroaniline	8.04	127	633	0.036	ng	# 59
35) Caprolactam	8.46	113	236	0.058	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	134	0.010	ng	# 20
37) 2-Methylnaphthalene	8.73	142	1868	0.070	ng	96
38) 1-Methylnaphthalene	8.83	142	1374	0.053	ng	# 79
46) 1,1'-Biphenyl	9.19	154	4748	0.157	ng	96
47) 2-Chloronaphthalene	9.49	162	1191	0.050	ng	# 1
48) 2-Nitroaniline	9.33	65	111	0.015	ng	# 4
49) Acenaphthylene	9.63	152	5536	0.138	ng	98

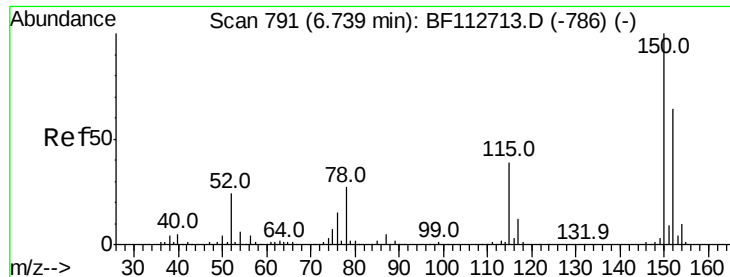
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112720.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Dimethylphthalate	9.49	163	157259	5.743	nq	98
51) 2,6-Dinitrotoluene	9.49	165	1697	0.298	nq #	21
52) Acenaphthene	9.80	154	1821	0.078	nq	92
53) 3-Nitroaniline	9.76	138	109	0.016	nq #	1
55) Dibenzofuran	9.97	168	1615	0.047	nq #	76
56) 4-Nitrophenol	9.86	139	128	0.023	nq #	67
57) 2,4-Dinitrotoluene	9.77	165	46879	6.614	nq #	18
58) Fluorene	10.31	166	2376	0.098	nq #	82
60) Diethylphthalate	10.19	149	4122	0.143	nq #	91
62) 4-Nitroaniline	10.29	138	107	0.017	nq #	20
63) Azobenzene	10.48	77	1137	0.038	nq #	2
65) 4,6-Dinitro-2-methylphenol	10.55	198	872	4.905	nq #	1
66) n-Nitrosodiphenylamine	10.43	169	1279	0.061	nq #	24
67) 4-Bromophenyl-phenylether	10.55	248	25130	3.636	nq #	1
71) Phenanthrene	11.27	178	34267	1.050	nq	100
72) Anthracene	11.27	178	34267	1.003	nq	98
73) Carbazole	11.46	167	4495	0.135	nq #	80
74) Di-n-butylphthalate	11.82	149	27072	0.677	nq #	96
75) Fluoranthene	12.45	202	49875	1.426	nq	96
77) Benzidine	12.59	184	2308	0.099	nq #	1
78) Pyrene	12.67	202	90988	2.394	nq	98
80) Butylbenzylphthalate	13.30	149	2420	0.144	nq	99
81) Benzo(a)anthracene	13.86	228	51444	1.647	nq	97
82) 3,3'-Dichlorobenzidine	13.83	252	341	0.029	nq #	1
83) Chrysene	13.89	228	47213	1.543	nq	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	183467	9.325	nq	98
85) Di-n-octyl phthalate	14.48	149	1862	0.055	nq #	74
86) Indeno(1,2,3-cd)pyrene	16.61	276	42329	1.622	nq	94
88) Benzo(b)fluoranthene	14.87	252	101695	2.987	nq #	92
89) Benzo(k)fluoranthene	14.87	252	101695	3.298	nq #	91
90) Benzo(a)pyrene	15.21	252	55177	1.832	nq #	90
91) Dibenzo(a,h)anthracene	16.62	278	12935	0.503	nq #	64
92) Benzo(a,h,i)perylene	17.01	276	45331	1.757	nq	93

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

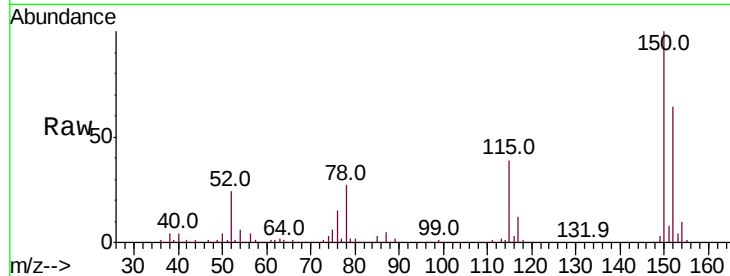


#1

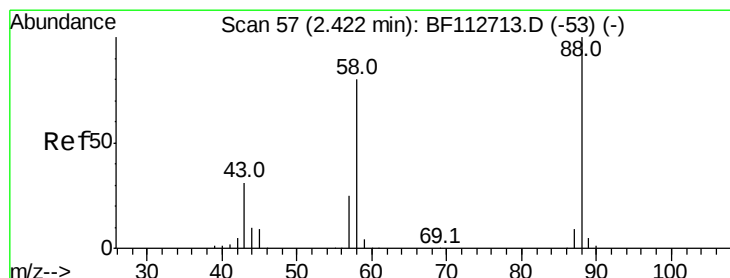
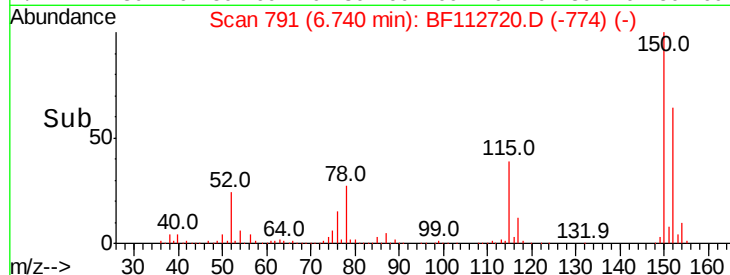
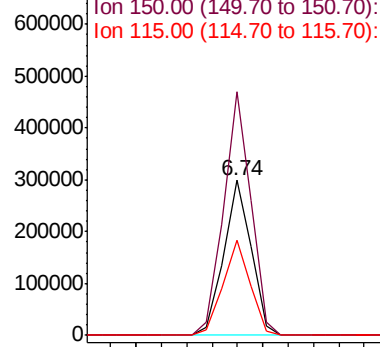
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampled :
R-1

Tot Ion:152 Resp: 225732
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 61.2 48.2 72.4



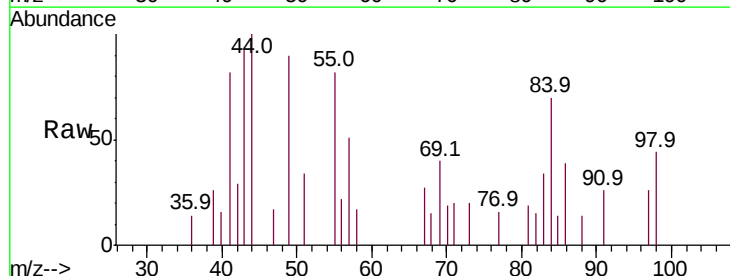
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



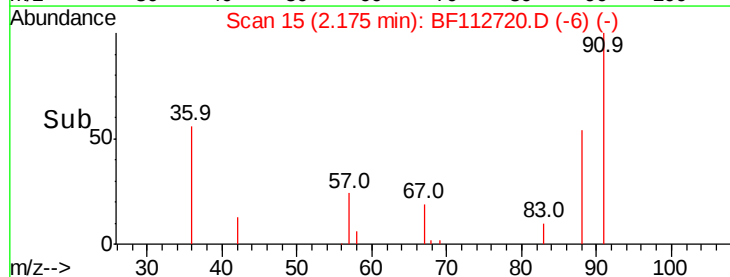
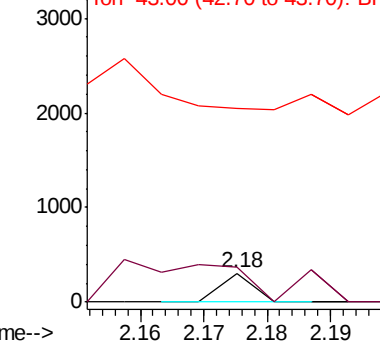
#2

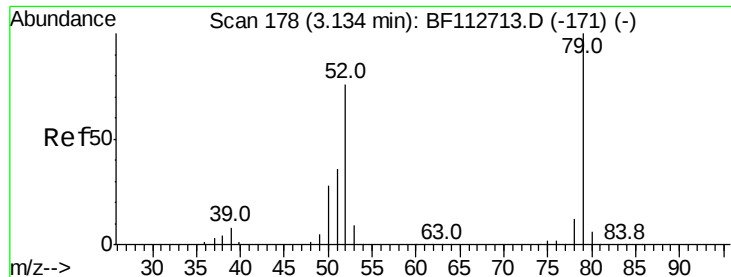
1,4-Dioxane
Concen: 0.015 ng
RT: 2.18 min Scan# 15
Delta R.T. -0.25 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion: 88 Resp: 108
Ion Ratio Lower Upper
88 100
58 616.7 63.1 94.7#
43 0.0 24.3 36.5#



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: 0.006 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.36 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

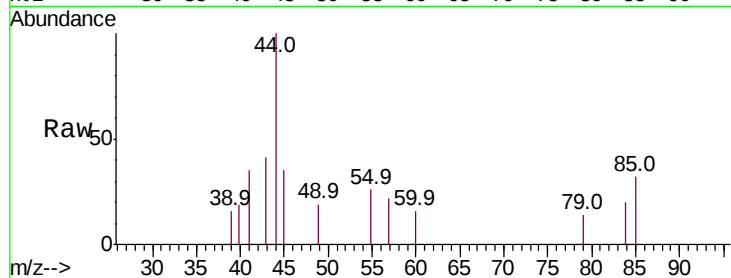
Tot Ion: 79 Resp: 116

Ion Ratio Lower Upper

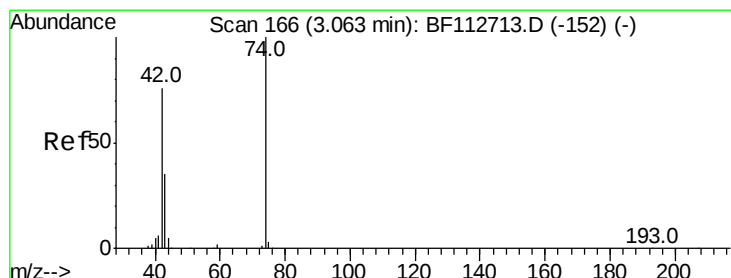
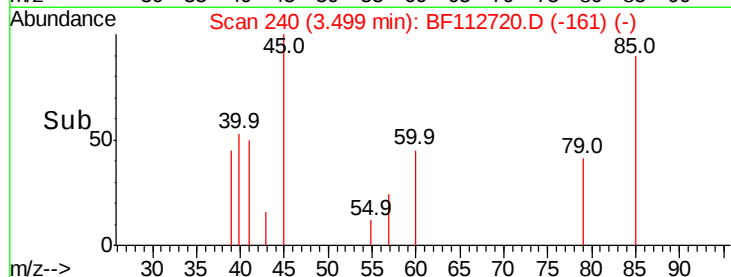
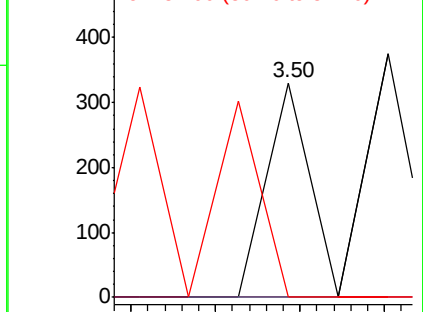
79 100

52 0.0 60.5 90.7#

51 0.0 28.8 43.2#



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: 0.014 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.02 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

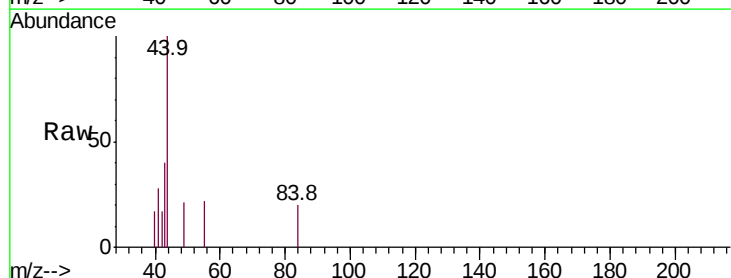
Tgt Ion: 42 Resp: 118

Ion Ratio Lower Upper

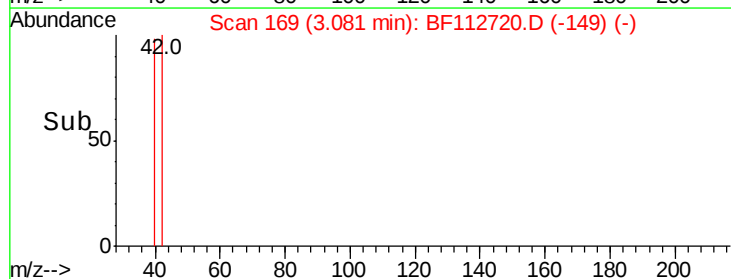
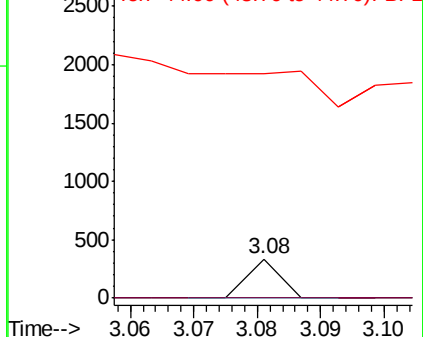
42 100

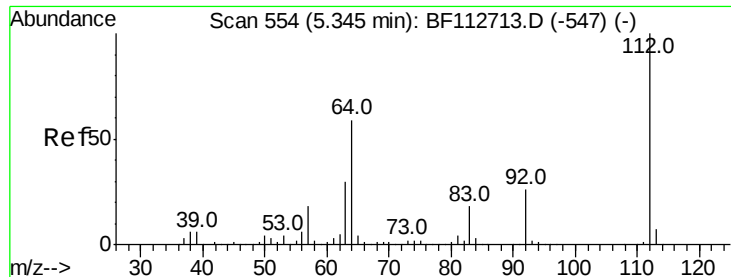
74 0.0 105.8 158.8#

44 572.2 6.2 9.2#



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: 116.716 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampled :
R-1

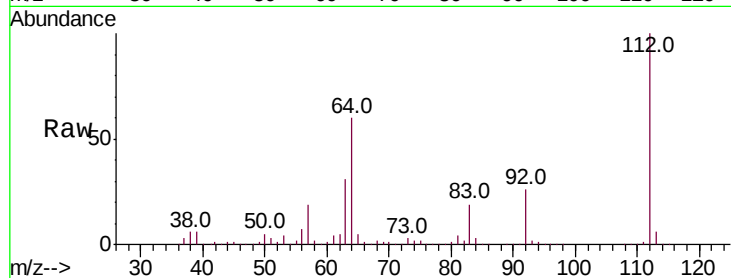
Tot Ion:112 Resp: 1693724

Ion Ratio Lower Upper

112 100

64 60.1 47.6 71.4

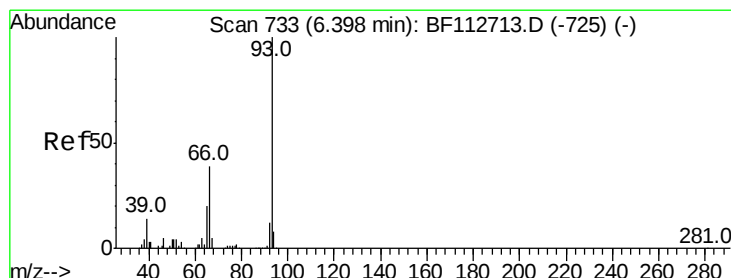
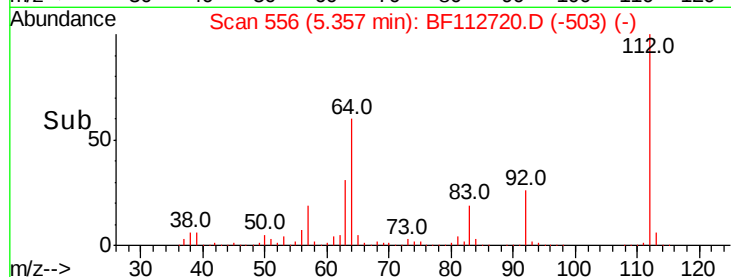
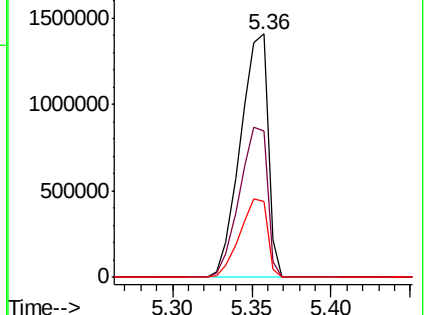
63 31.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.065 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

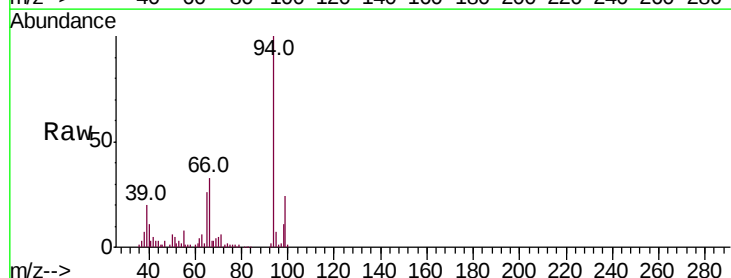
Tgt Ion: 93 Resp: 1623

Ion Ratio Lower Upper

93 100

66 1743.4 32.2 48.2#

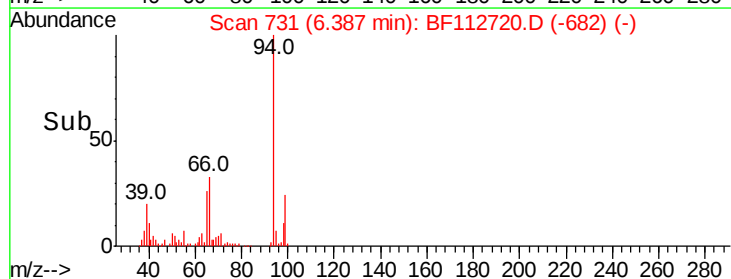
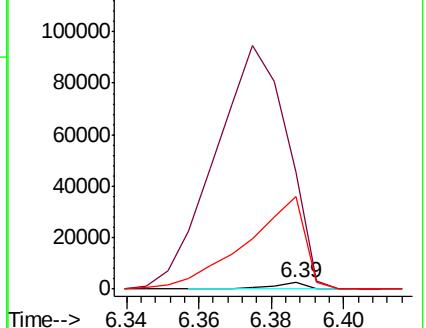
65 1384.1 16.2 24.4#

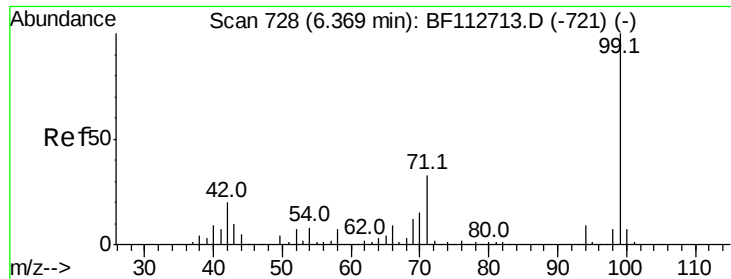


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.738 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

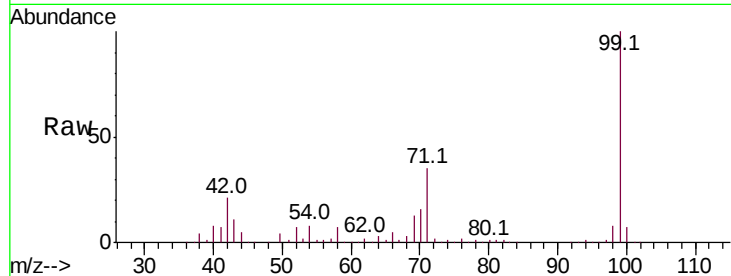
Tot Ion: 99 Resp: 2182682

Ion Ratio Lower Upper

99 100

42 21.0 16.3 24.5

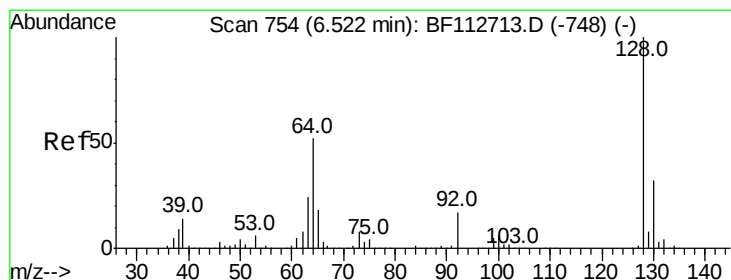
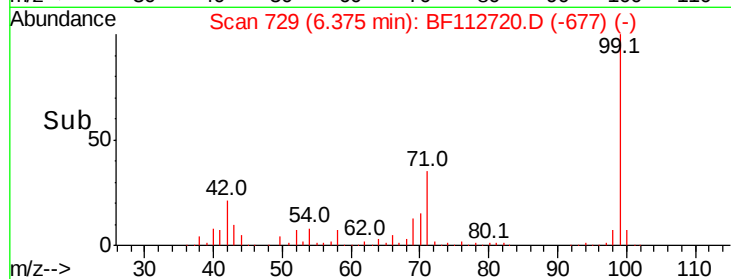
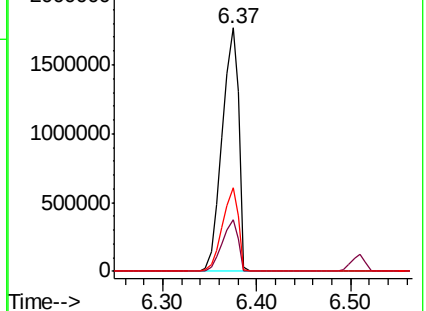
71 34.6 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.045 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

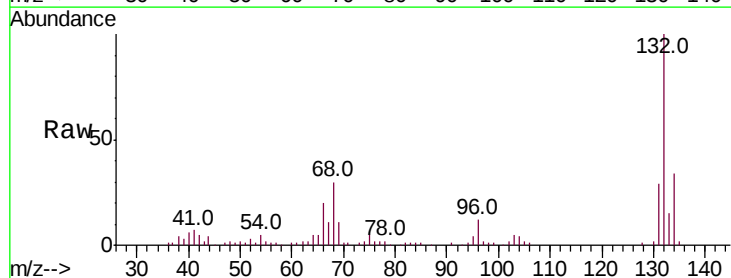
Tgt Ion:128 Resp: 733

Ion Ratio Lower Upper

128 100

130 179.3 12.4 52.4#

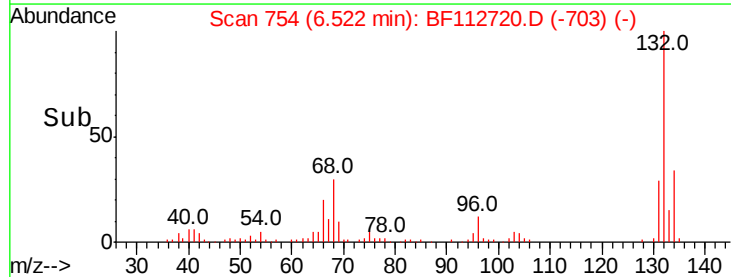
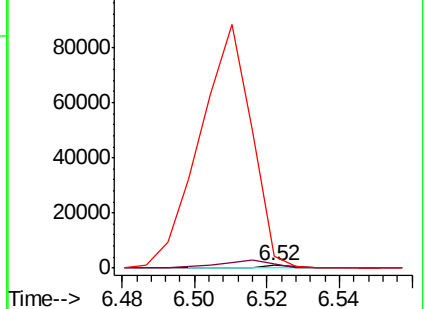
64 471.0 32.2 72.2#

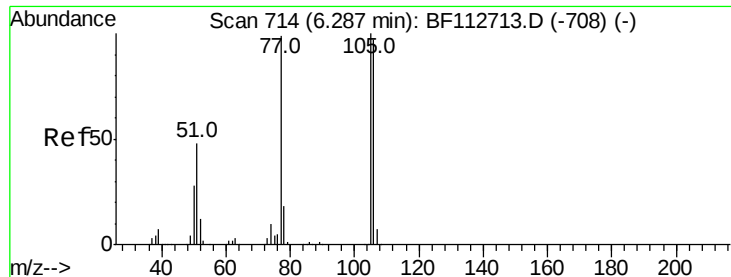


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.124 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

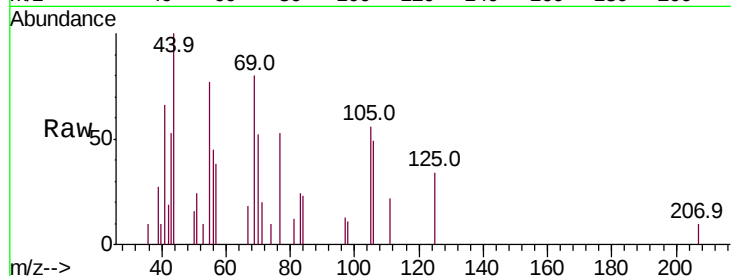
Tot Ion: 77 Resp: 1625

Ion Ratio Lower Upper

77 100

105 106.6 81.4 121.4

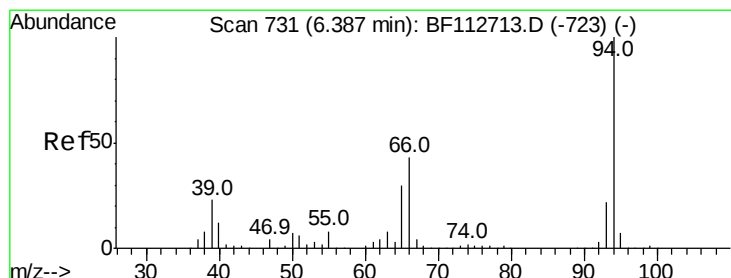
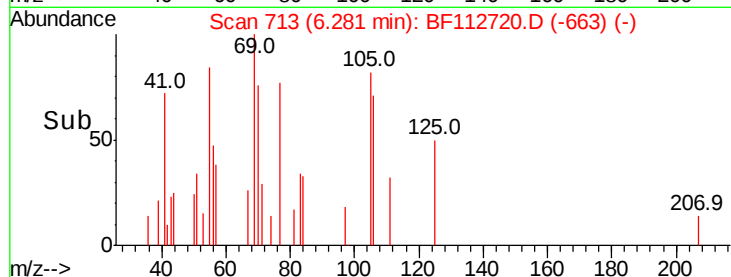
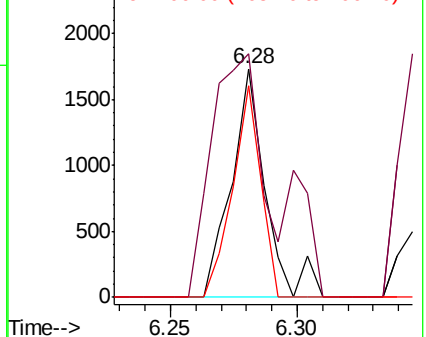
106 92.9 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 3.496 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

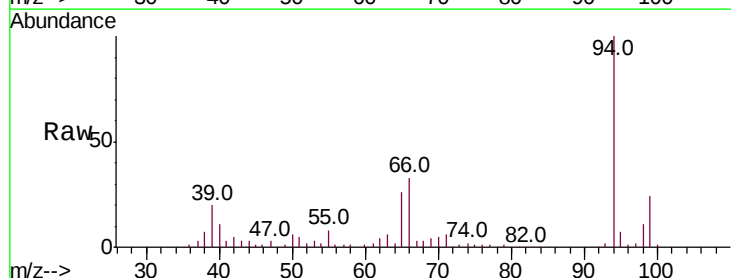
Tgt Ion: 94 Resp: 74368

Ion Ratio Lower Upper

94 100

65 26.4 10.5 50.5

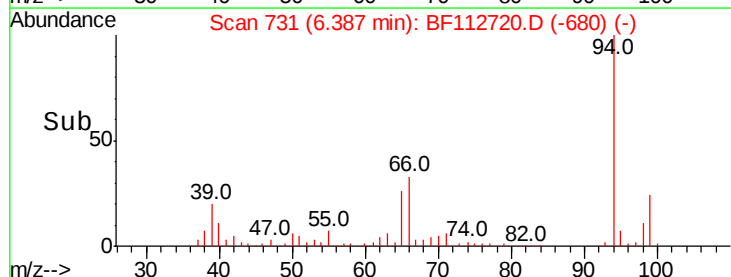
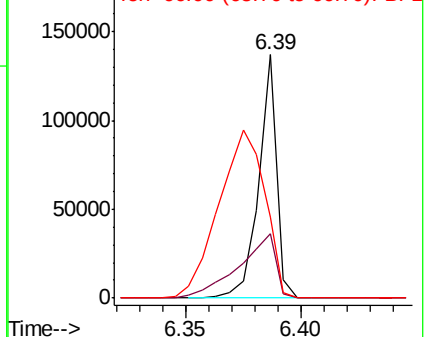
66 33.3 22.6 62.6

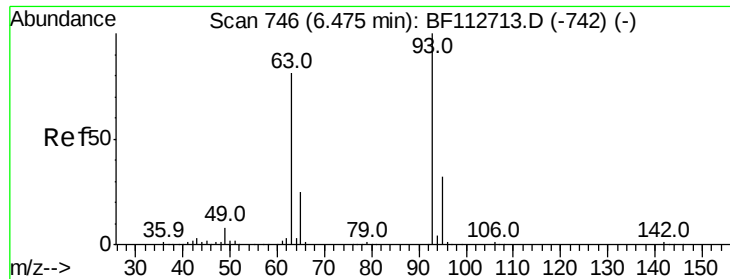


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

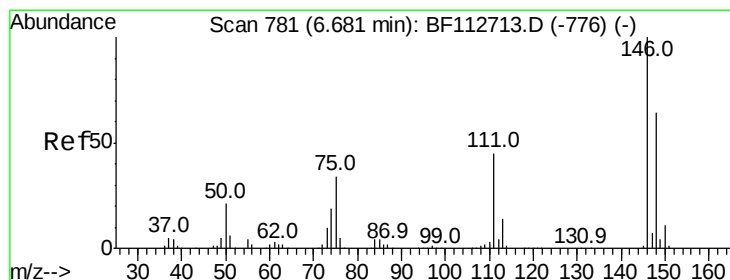
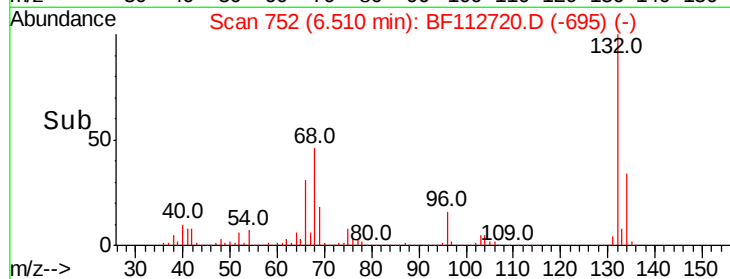
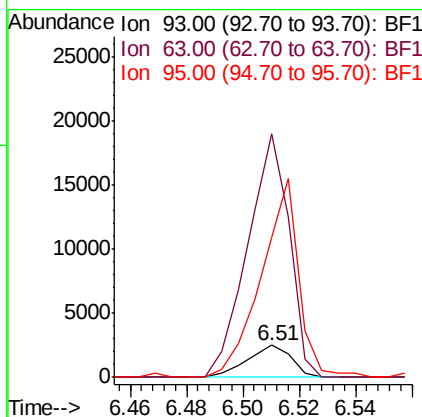
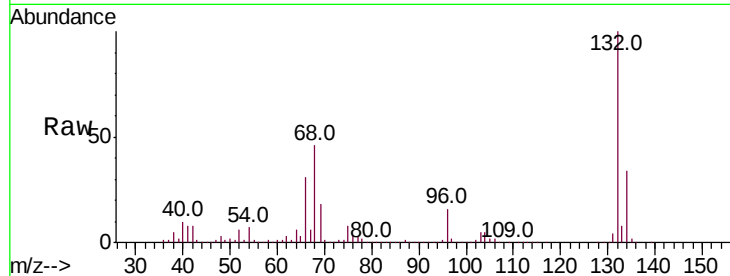




#11
 bis(2-Chloroethyl)ether
 Concen: 0.166 ng
 RT: 6.51 min Scan# 752
 Delta R.T. 0.04 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

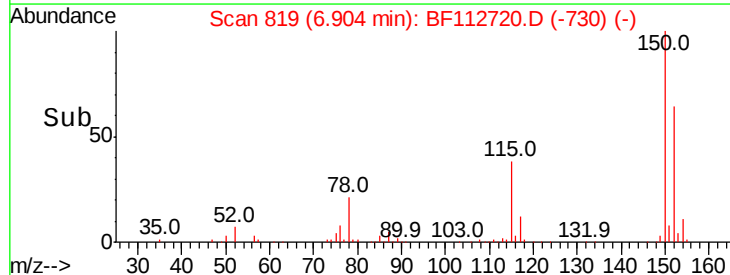
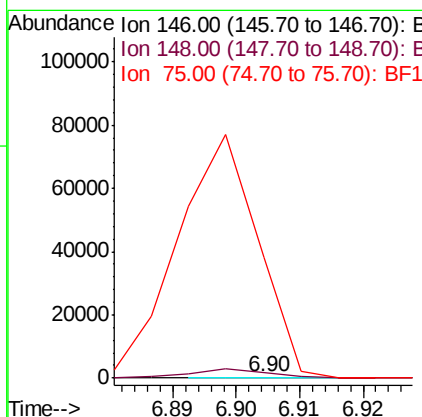
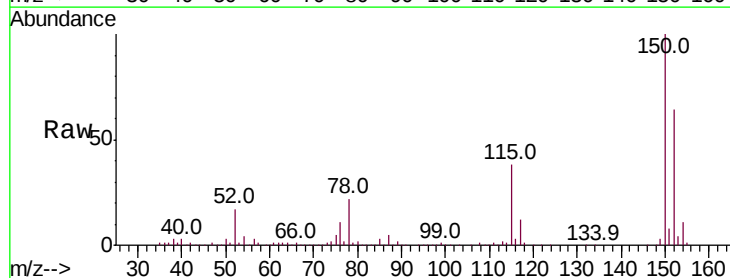
Instrument :
 BNA_F
 ClientSampled :
 R-1

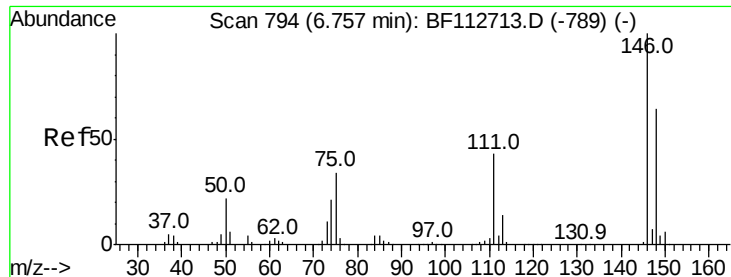
Tot Ion: 93 Resp: 2708
 Ion Ratio Lower Upper
 93 100
 63 761.3 60.5 100.5#
 95 439.0 12.1 52.1#



#12
 1,3-Dichlorobenzene
 Concen: 0.007 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.22 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Tgt Ion: 146 Resp: 114
 Ion Ratio Lower Upper
 146 100
 148 597.8 50.9 76.3#
 75 11725.9 26.9 40.3#





#13

1,4-Dichlorobenzene

Concen: 0.007 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.15 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

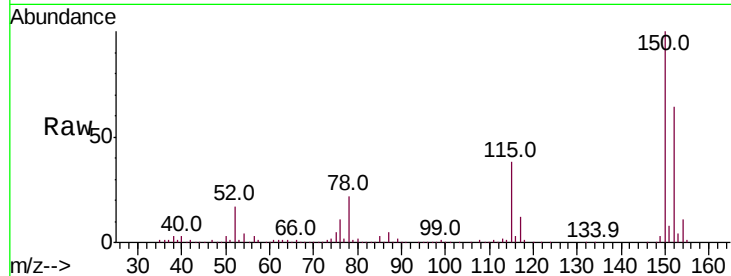
Tot Ion:146 Resp: 114

Ion Ratio Lower Upper

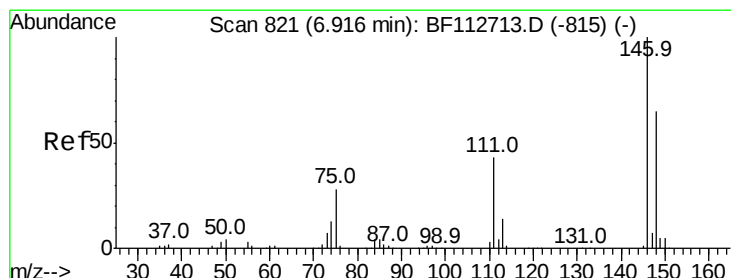
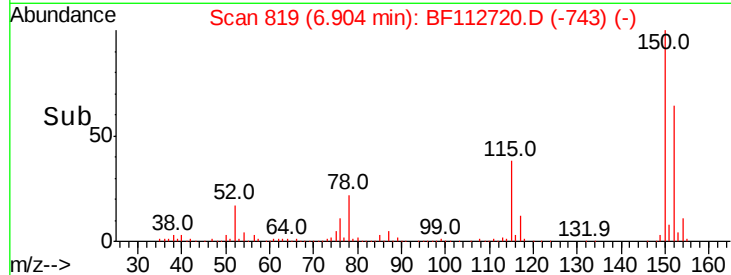
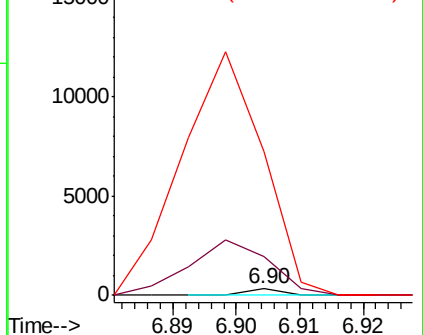
146 100

148 597.8 51.0 76.4#

111 2244.1 34.5 51.7#



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



#14

1,2-Dichlorobenzene

Concen: 0.007 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

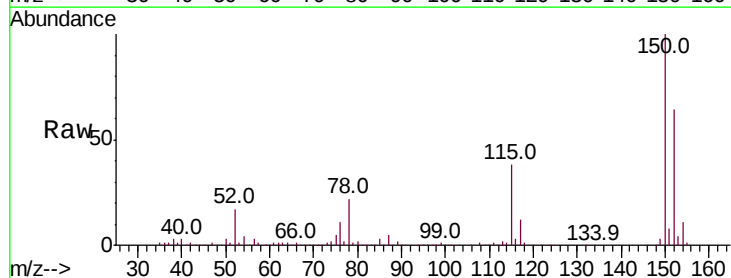
Tgt Ion:146 Resp: 114

Ion Ratio Lower Upper

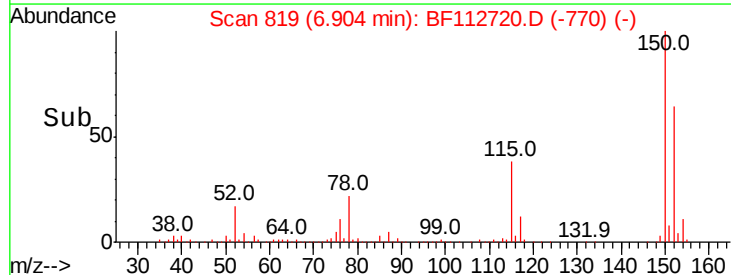
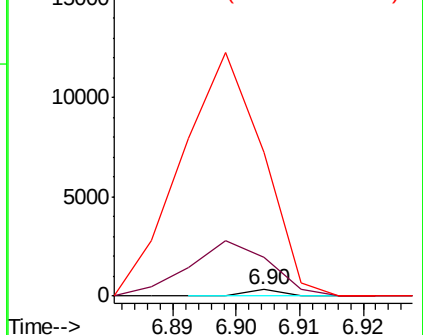
146 100

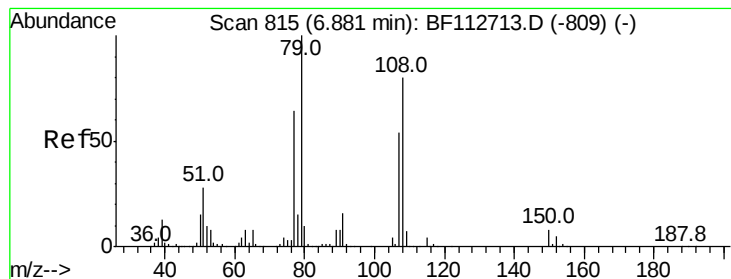
148 597.8 52.0 78.0#

111 2244.1 34.8 52.2#



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





#15

Benzyl Alcohol

Concen: 1.646 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.02 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

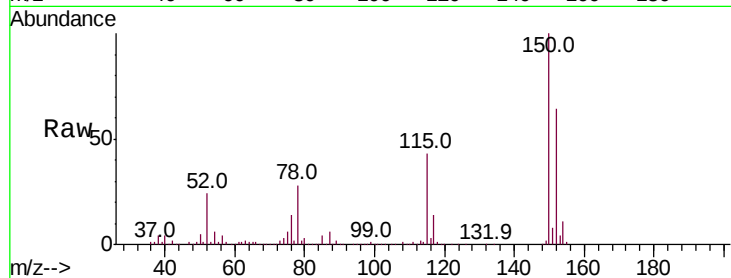
Tot Ion: 79 Resp: 22884

Ion Ratio Lower Upper

79 100

108 29.5 64.2 96.4#

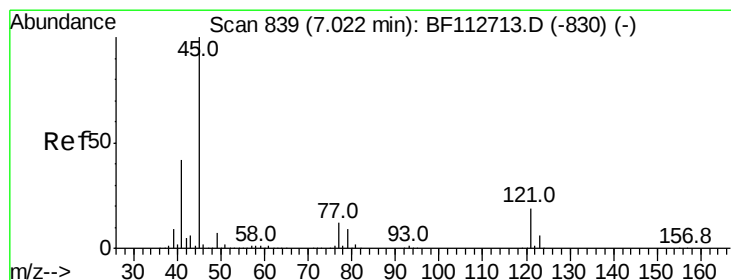
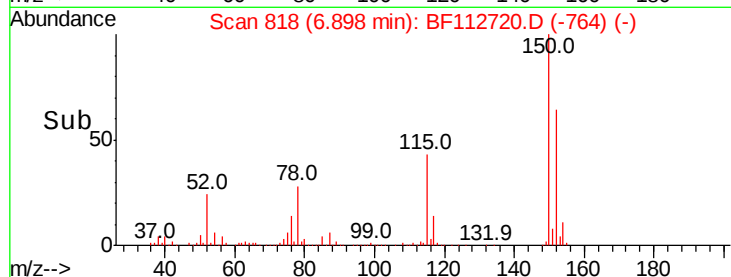
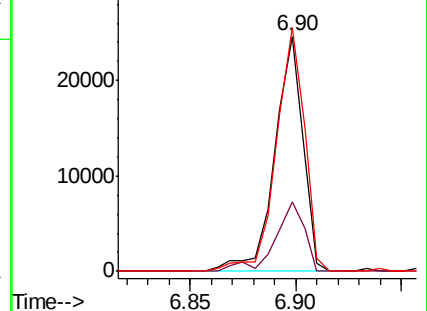
77 103.6 51.1 76.7#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.006 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

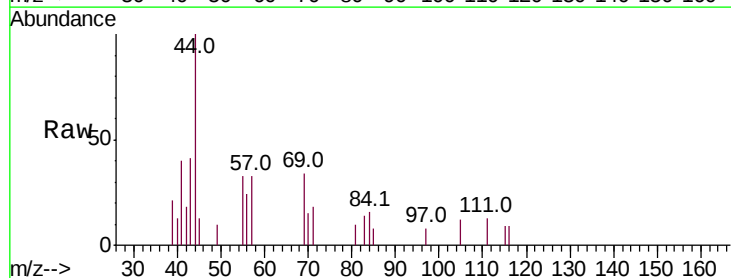
Tgt Ion: 45 Resp: 173

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.1

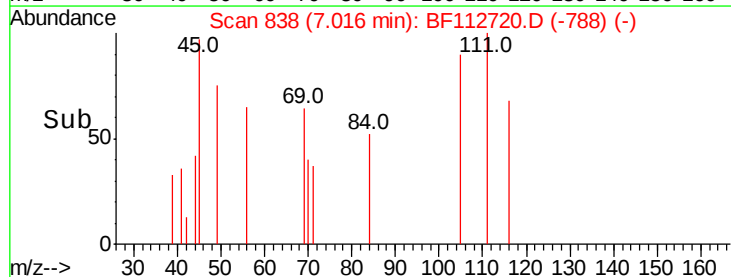
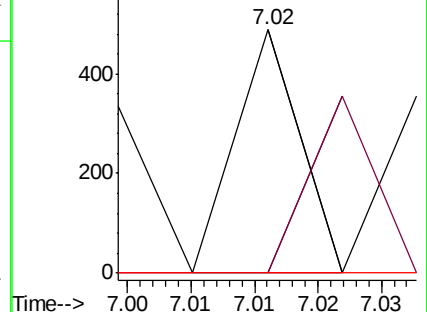
79 0.0 0.0 29.4

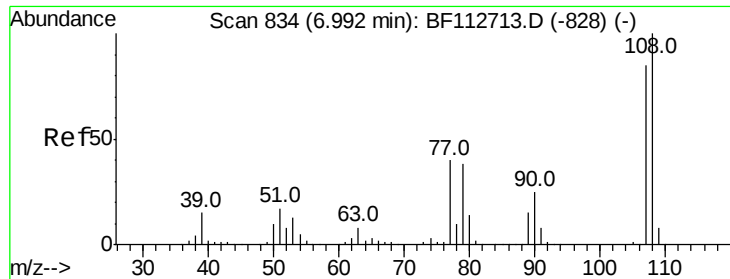


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

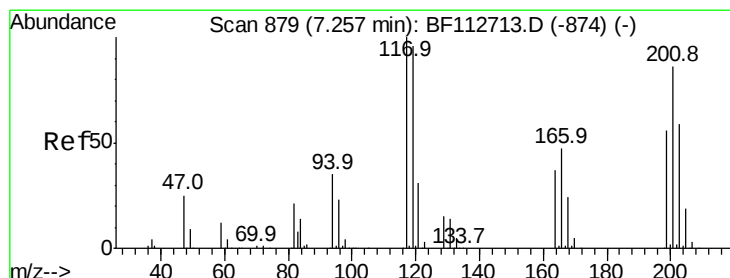
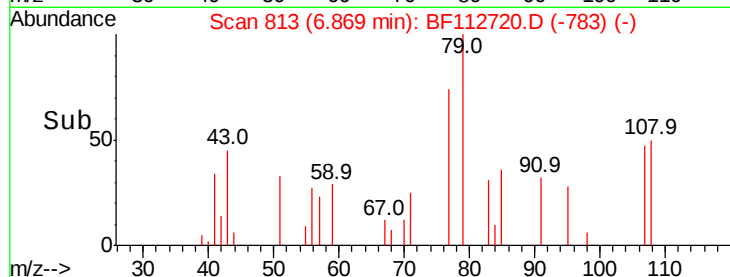
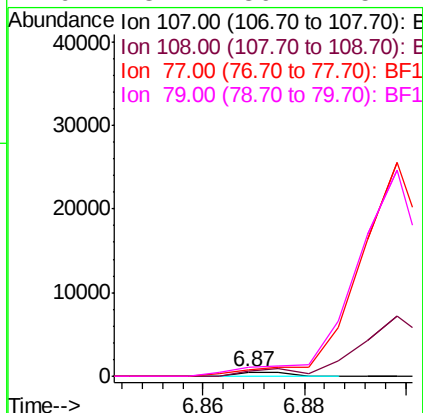
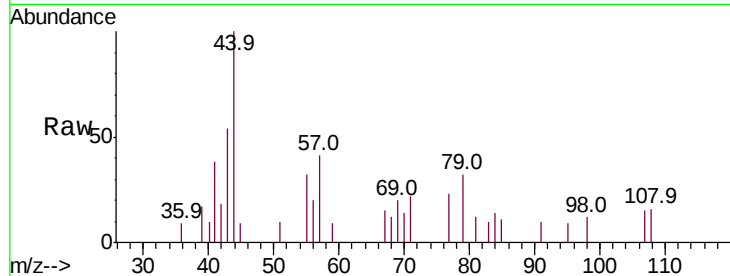




#17
2-Methylphenol
Concen: 0.026 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.12 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

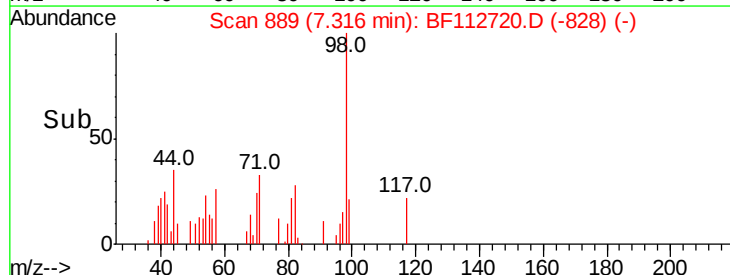
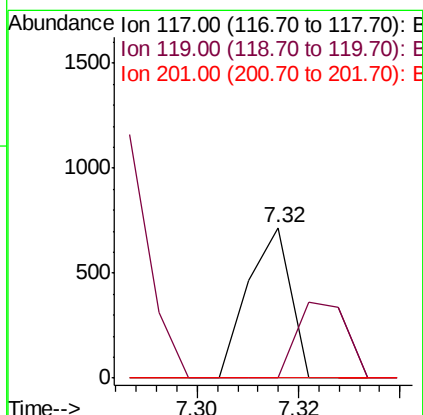
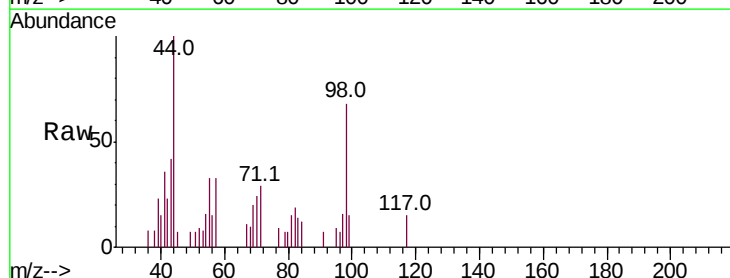
Instrument :
BNA_F
ClientSampleId :
R-1

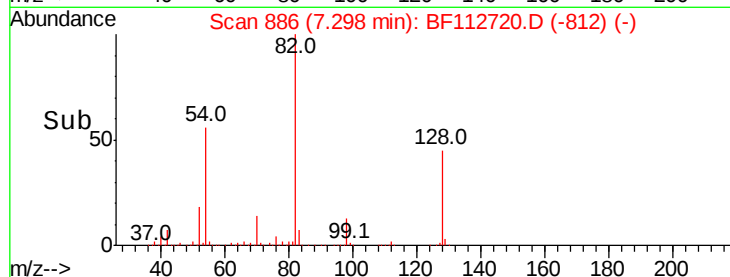
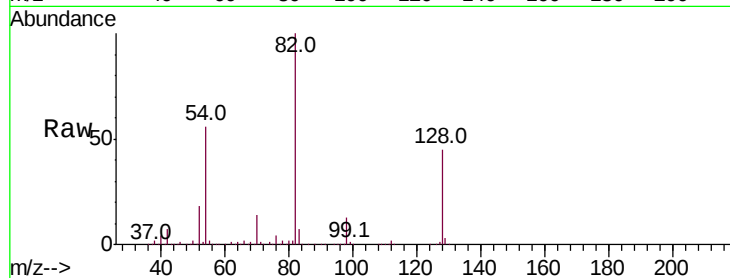
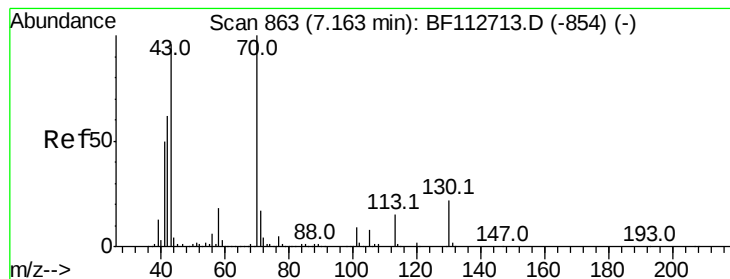
Tot Ion	Ratio	Lower	Upper
107	100		
108	105.9	94.6	142.0
77	156.9	37.8	56.8#
79	213.4	36.2	54.2#



#18
Hexachloroethane
Concen: 0.065 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.06 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
201	0.0	68.9	103.3#





#19

n-Nitroso-di-n-propylamine

Concen: 15.426 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

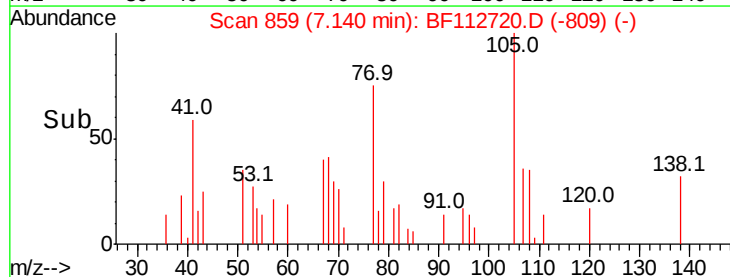
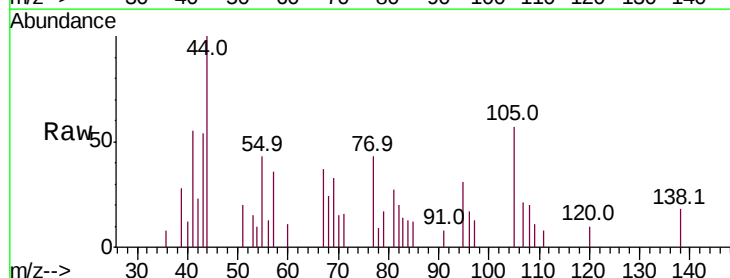
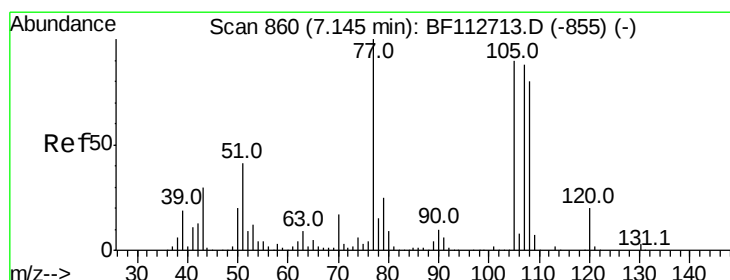
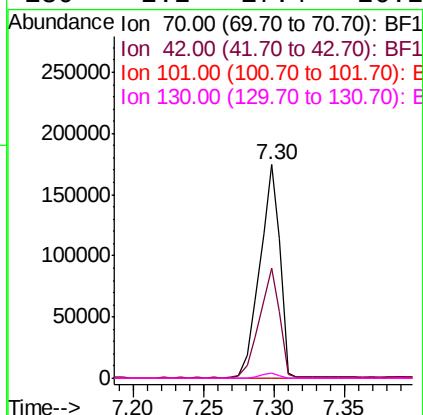
ClientSampleId :

R-1

Tot Ion: 70 Resp: 178096

Ion Ratio Lower Upper

70	100		
42	51.8	49.9	74.9
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



#20

3+4-Methylphenols

Concen: 0.042 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

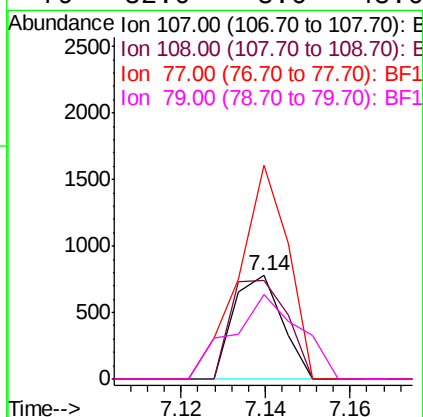
Lab File: BF112720.D

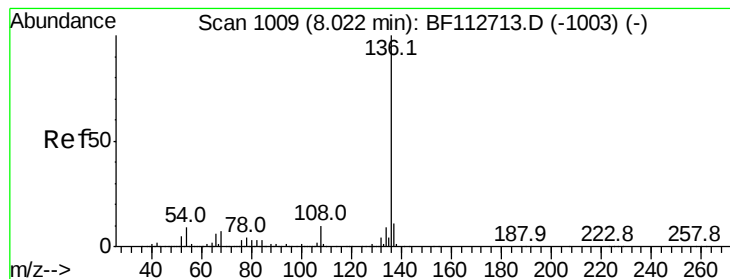
Acq: 27 Feb 2019 15:42

Tgt Ion:107 Resp: 622

Ion Ratio Lower Upper

107	100		
108	95.3	71.4	111.4
77	206.2	94.1	134.1#
79	82.0	8.6	48.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

Tot Ion:136 Resp: 829014

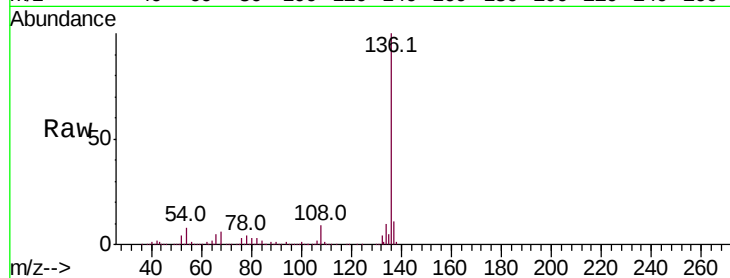
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 7.3 10.9

68 6.0 5.4 8.2

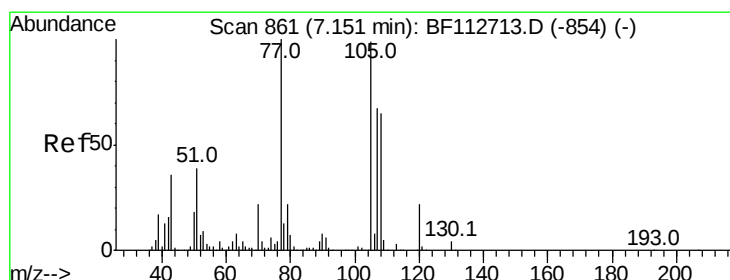
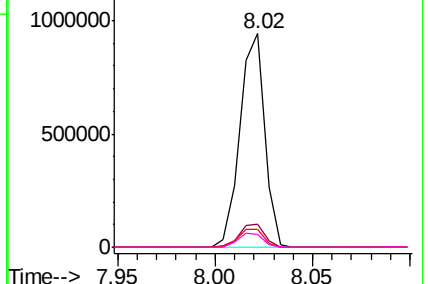
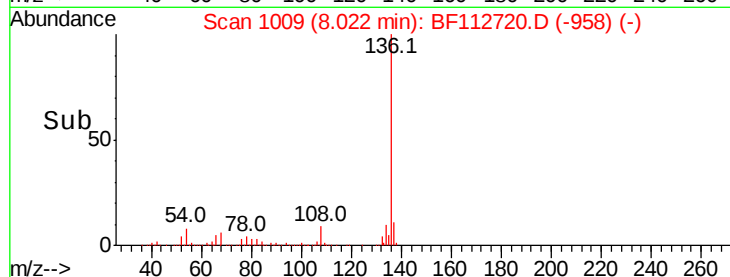


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.088 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Tgt Ion:105 Resp: 1702

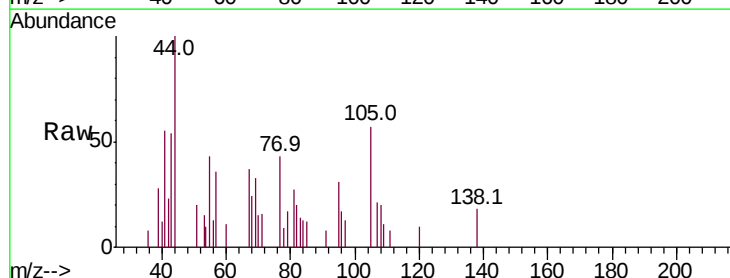
Ion Ratio Lower Upper

105 100

71 28.1 3.0 4.4#

51 35.2 31.5 47.3

120 17.1 18.1 27.1#

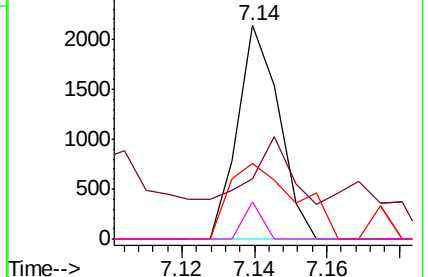
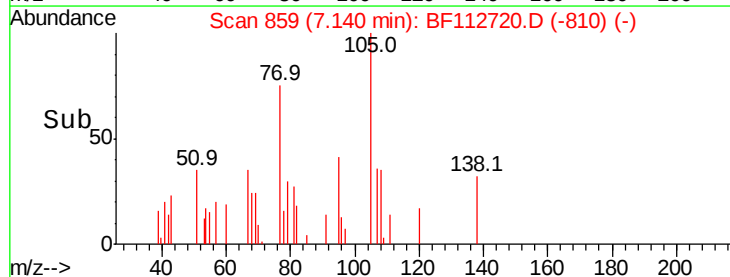


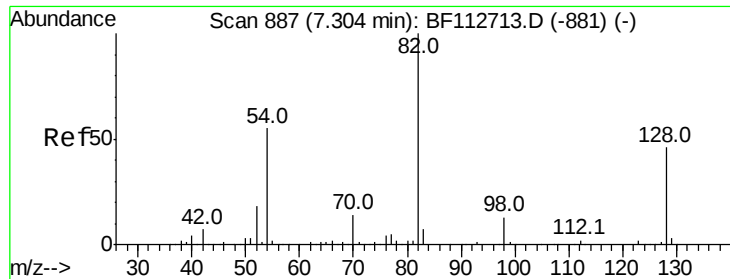
Abundance Ion 105.00 (104.70 to 105.70): E

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: 94.530 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

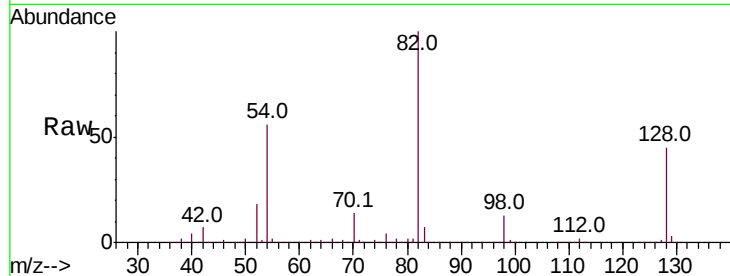
Tot Ion: 82 Resp: 1309652

Ion Ratio Lower Upper

82 100

128 44.6 36.3 54.5

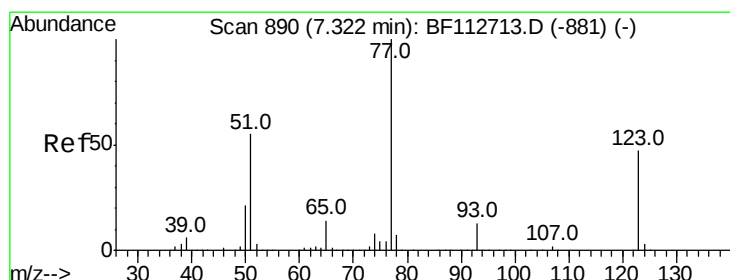
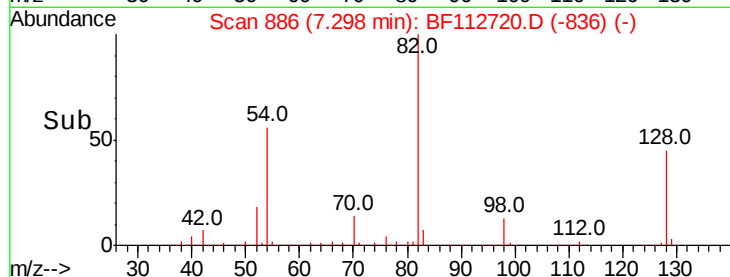
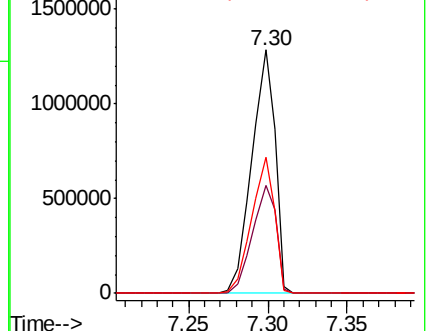
54 55.8 43.7 65.5



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: 0.312 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

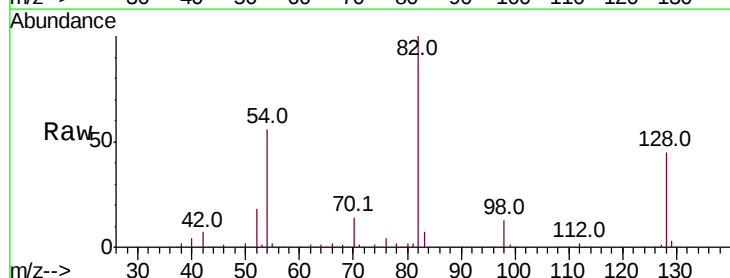
Tgt Ion: 77 Resp: 4815

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

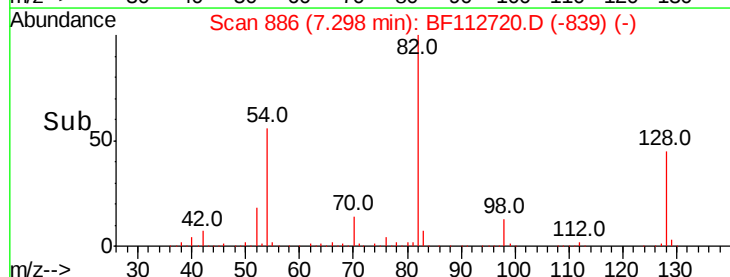
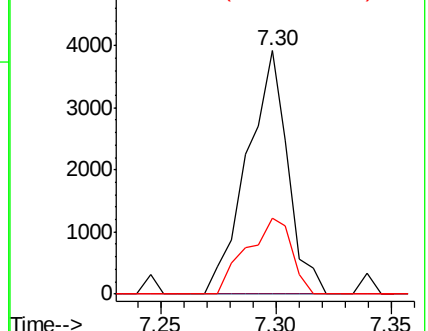
65 31.0 11.1 16.7#

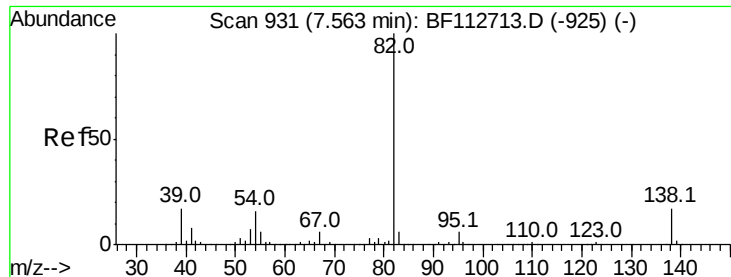


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.704 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

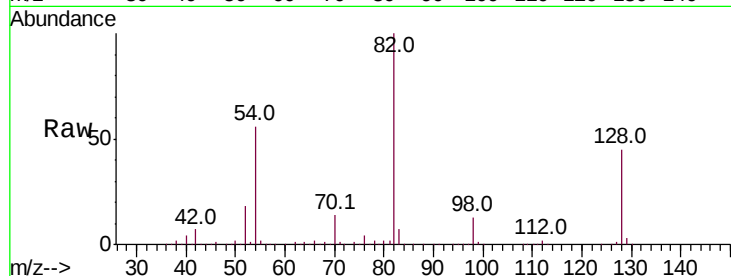
Tot Ion: 82 Resp: 1304432

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

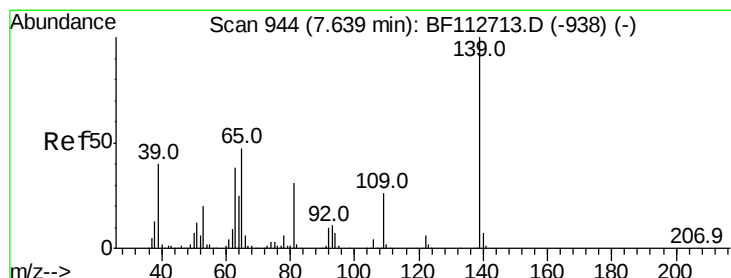
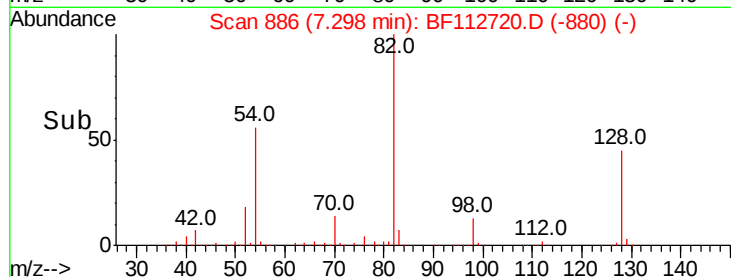
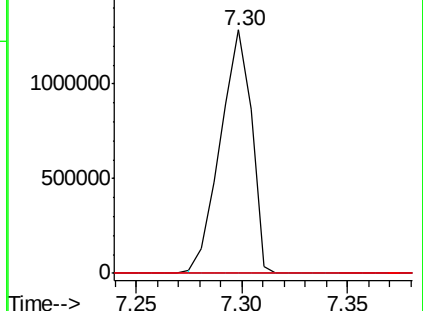
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.073 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

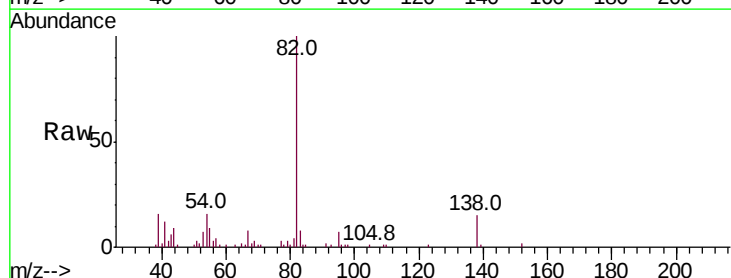
Tgt Ion: 139 Resp: 466

Ion Ratio Lower Upper

139 100

109 72.4 20.6 31.0#

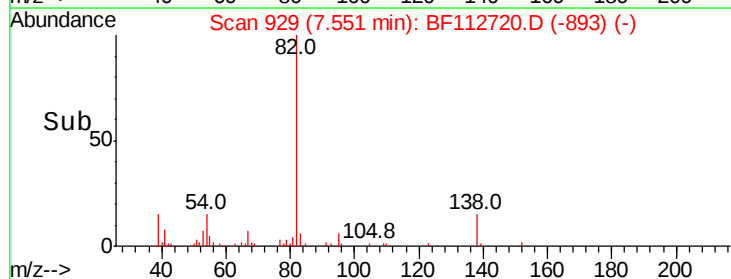
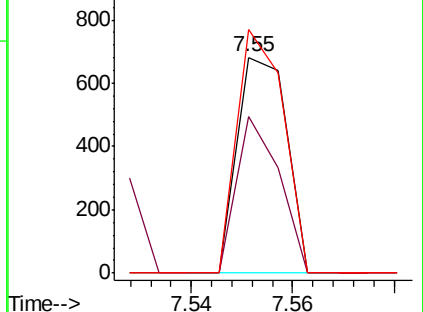
65 112.9 37.9 56.9#

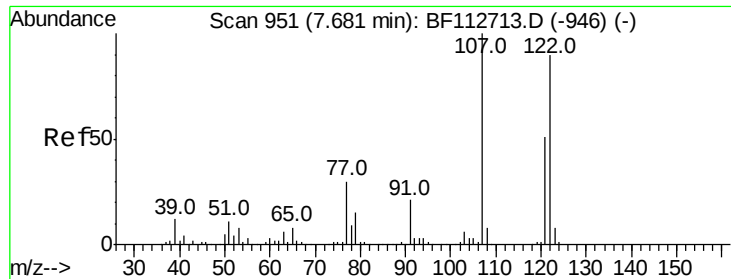


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.011 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

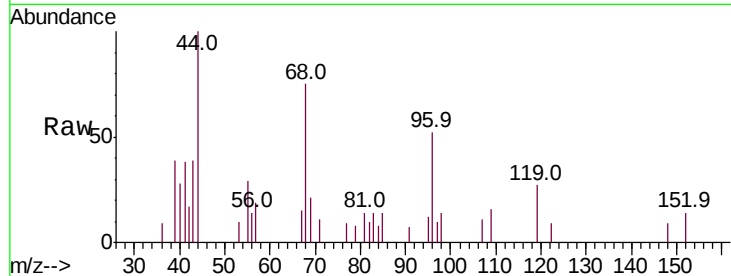
Tot Ion:122 Resp: 131

Ion Ratio Lower Upper

122 100

107 121.0 89.4 134.0

121 0.0 45.5 68.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

600

500

400

300

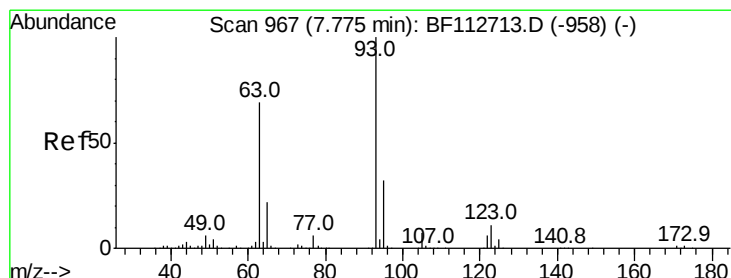
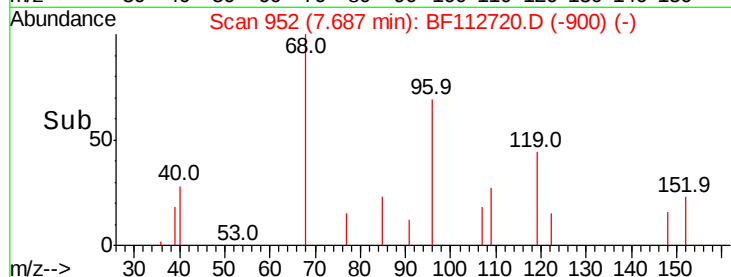
200

100

0

7.67 7.68 7.69 7.70

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.010 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.15 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

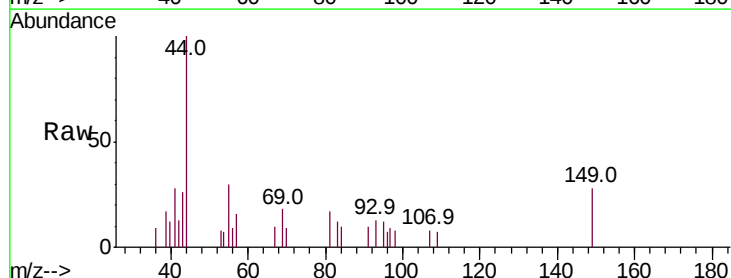
Tgt Ion: 93 Resp: 195

Ion Ratio Lower Upper

93 100

95 91.7 26.0 39.0#

123 0.0 9.3 13.9#



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

800

600

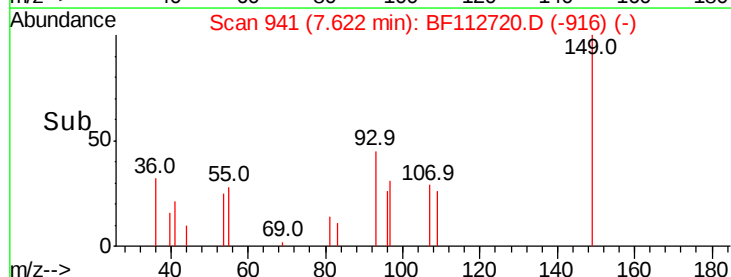
400

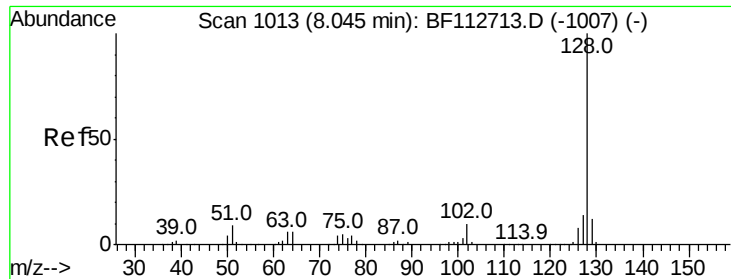
200

0

7.60 7.61 7.62 7.63 7.64

Time-->

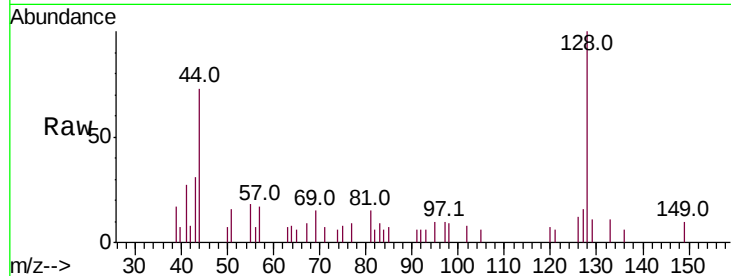




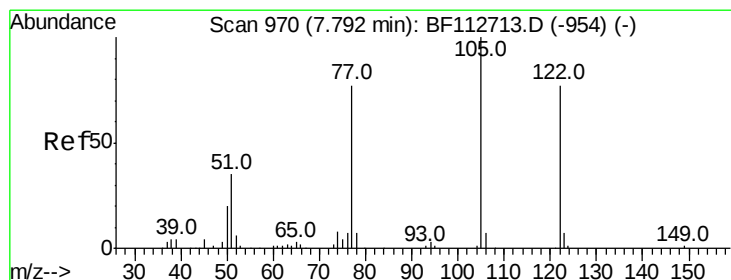
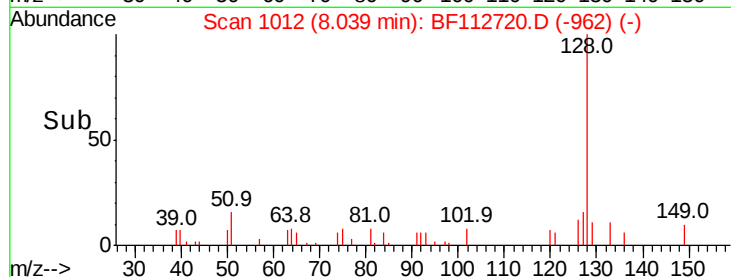
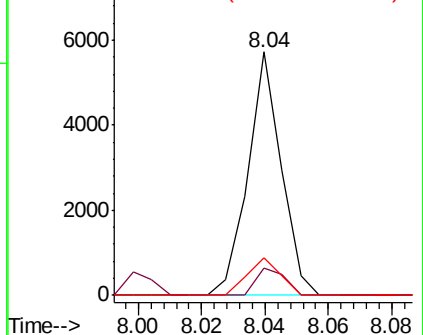
#31
Naphthalene
Concen: 0.101 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampleId :
R-1

Tot Ion:128 Resp: 4169
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 15.6 10.9 16.3

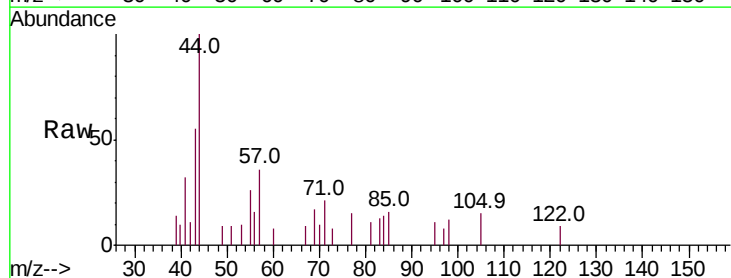


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

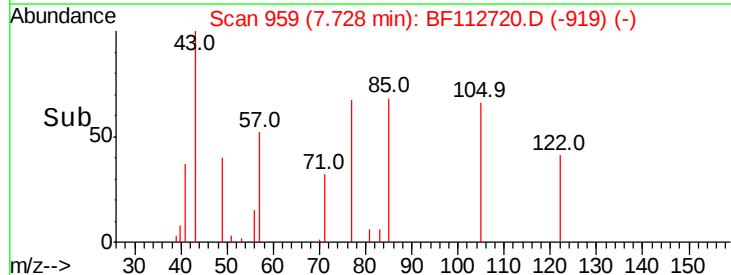
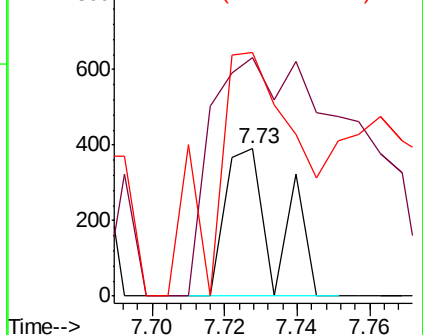


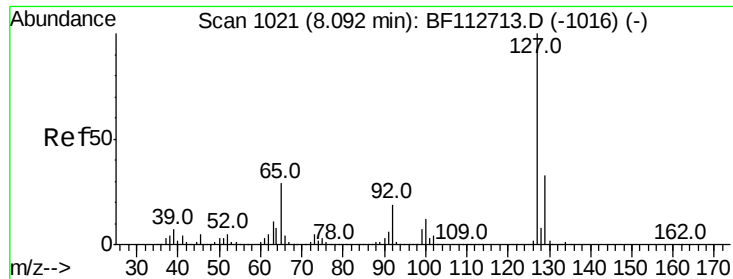
#32
Benzoic acid
Concen: 0.046 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:122 Resp: 381
Ion Ratio Lower Upper
122 100
105 161.6 106.8 146.8#
77 165.0 79.4 119.4#



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

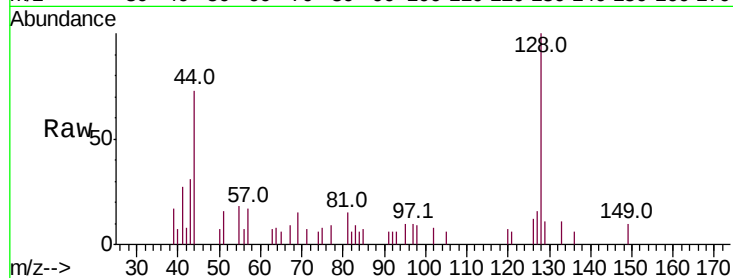




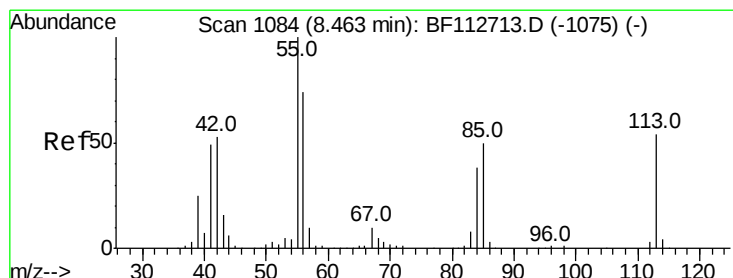
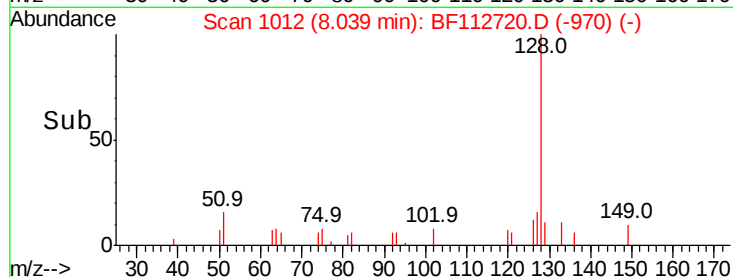
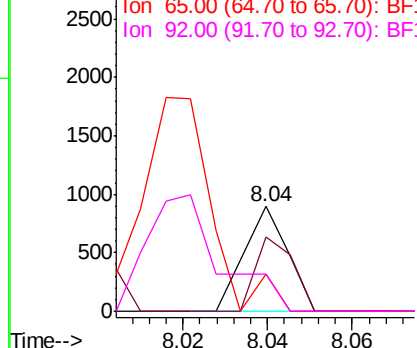
#33
4-Chloroaniline
Concen: 0.036 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampleId :
R-1

Tot Ion:127 Resp: 633
Ion Ratio Lower Upper
127 100
129 71.0 26.4 39.6#
65 35.9 23.1 34.7#
92 35.7 14.9 22.3#

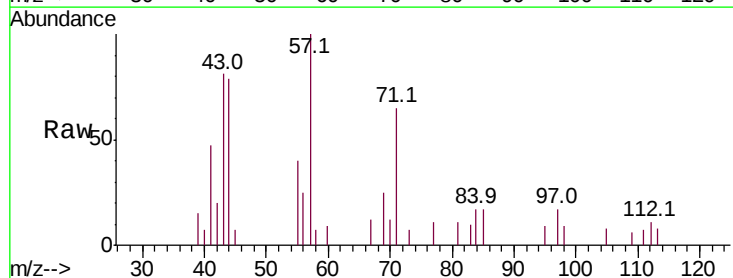


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

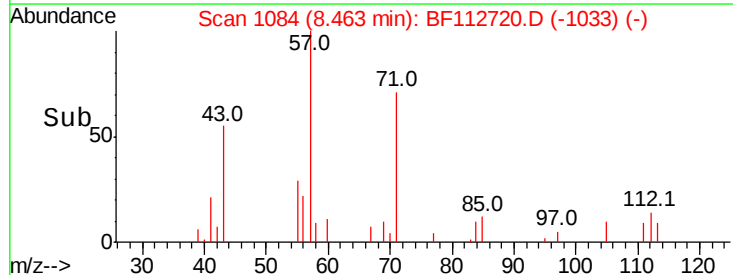
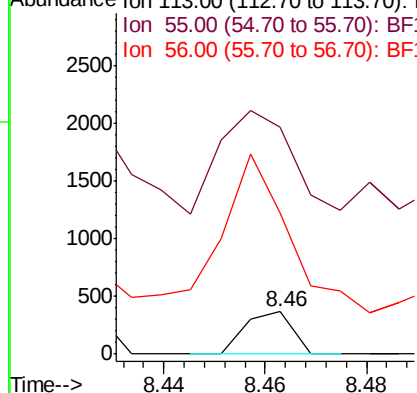


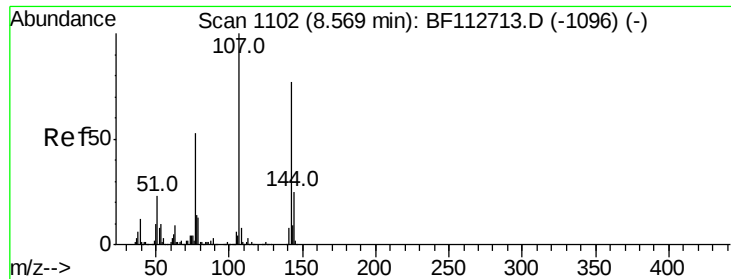
#35
Caprolactam
Concen: 0.058 ng
RT: 8.46 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:113 Resp: 236
Ion Ratio Lower Upper
113 100
55 535.9 163.5 203.5#
56 333.2 115.3 155.3#



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

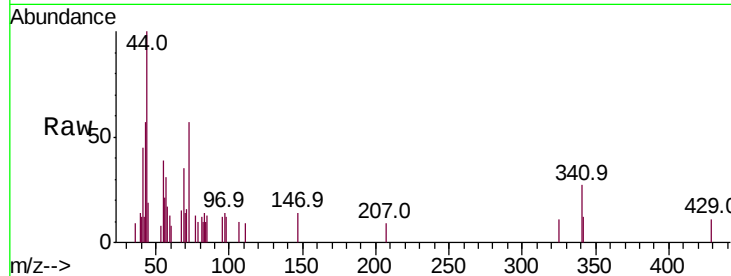




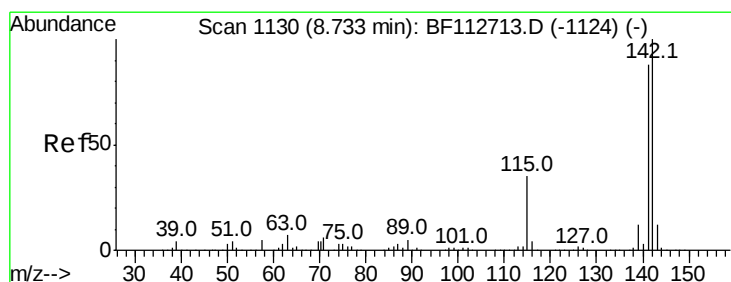
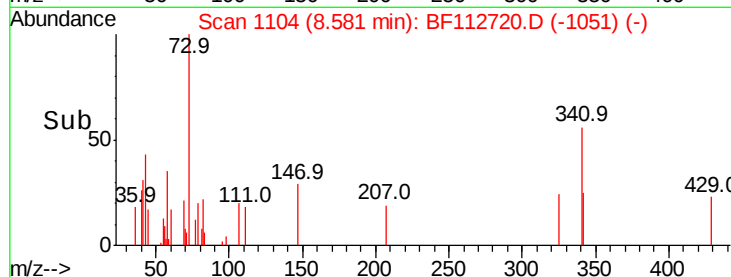
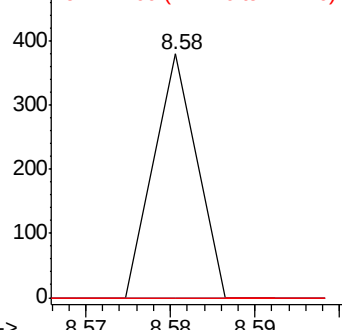
#36
4-Chloro-3-methylphenol
Concen: 0.010 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampled :
R-1

Tot Ion:107 Resp: 134
Ion Ratio Lower Upper
107 100
144 0.0 20.1 30.1#
142 0.0 61.9 92.9#

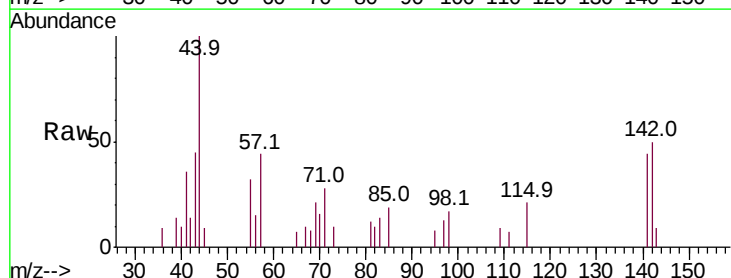


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

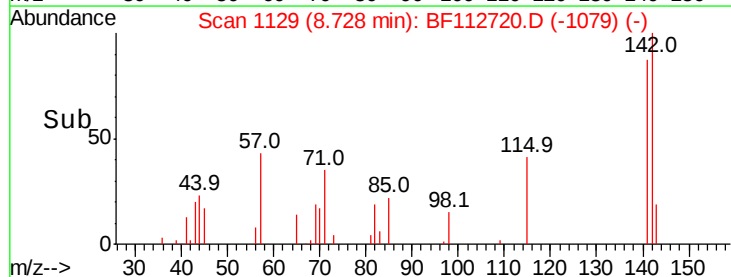
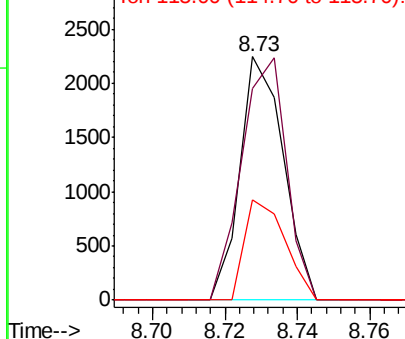


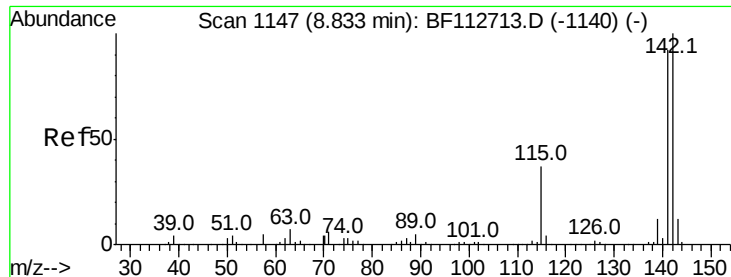
#37
2-Methylnaphthalene
Concen: 0.070 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:142 Resp: 1868
Ion Ratio Lower Upper
142 100
141 86.9 70.3 105.5
115 41.0 27.8 41.6



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

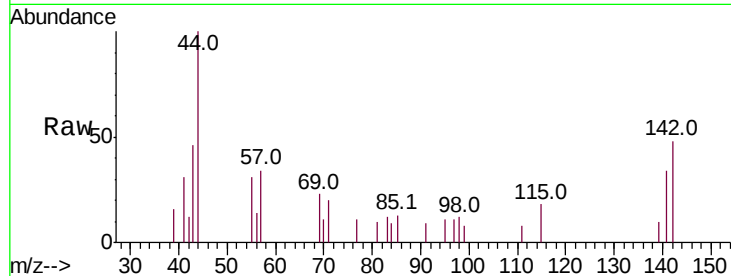




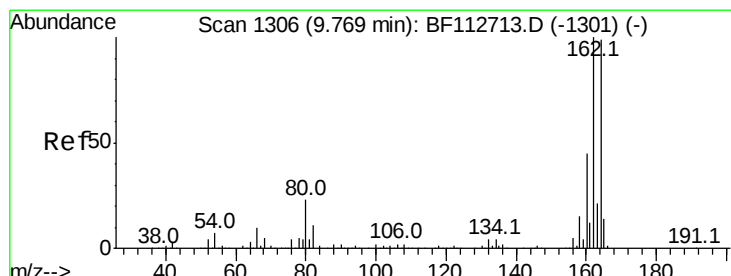
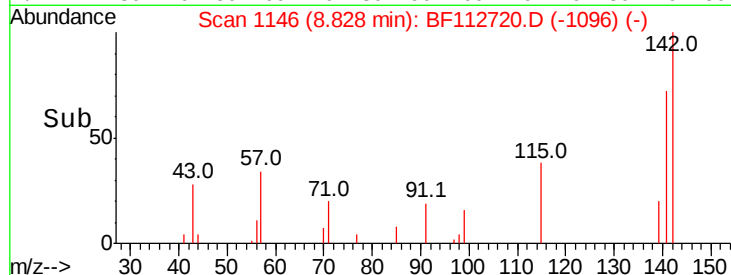
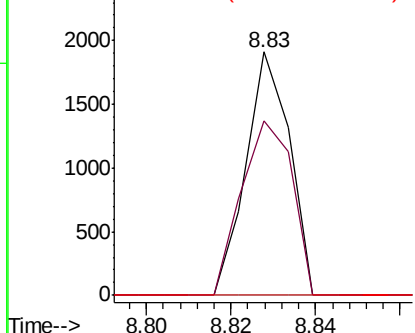
#38
1-Methylnaphthalene
Concen: 0.053 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampled :
R-1

Tot Ion:142 Resp: 1374
Ion Ratio Lower Upper
142 100
141 71.7 73.7 110.5#
116 0.0 3.1 4.7#

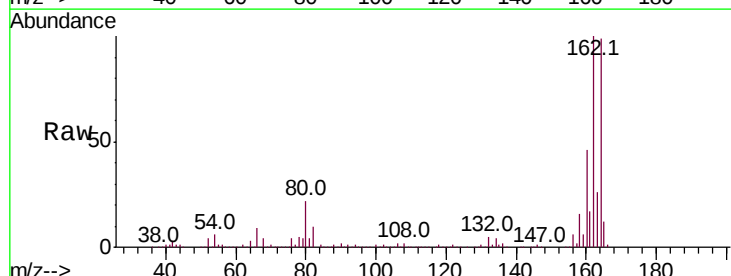


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

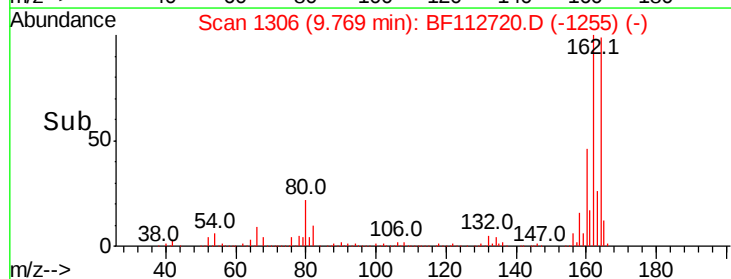
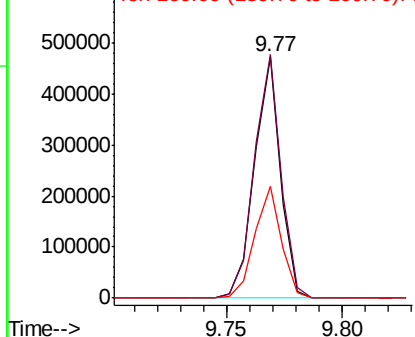


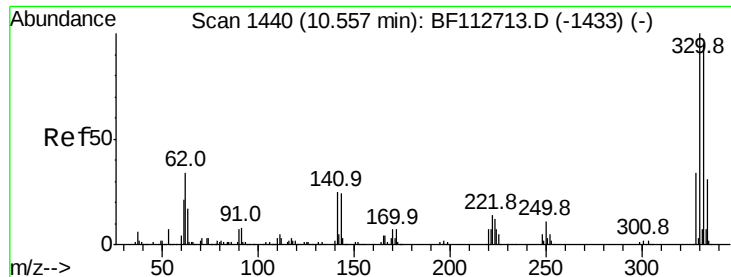
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:164 Resp: 371344
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 46.2 36.0 54.0



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

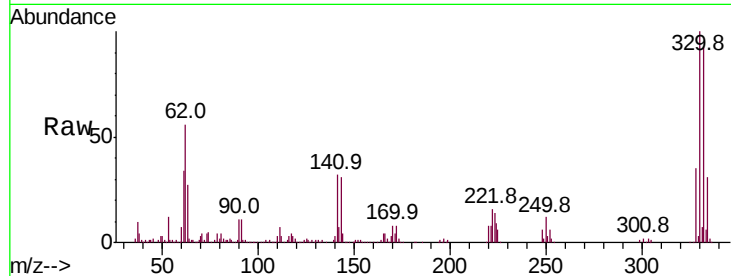




#42
 2,4,6-Tribromophenol
 Concen: 109.404 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	33.2	27.0	40.6

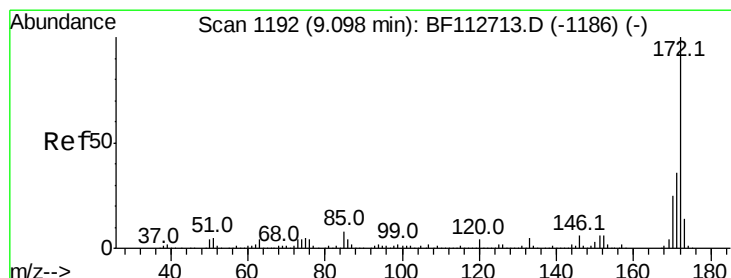
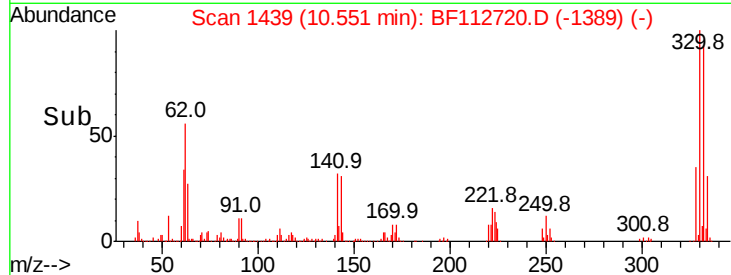
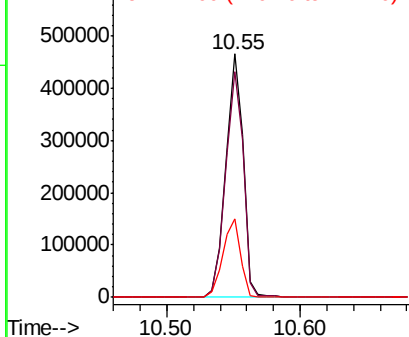


Abundance

Ion 329.80 (329.50 to 330.50): E

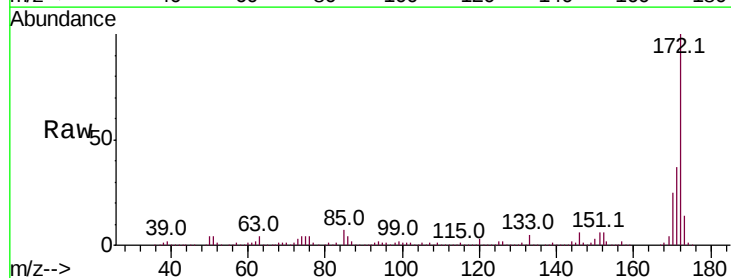
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.360 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.4
170	25.3	20.0	30.0

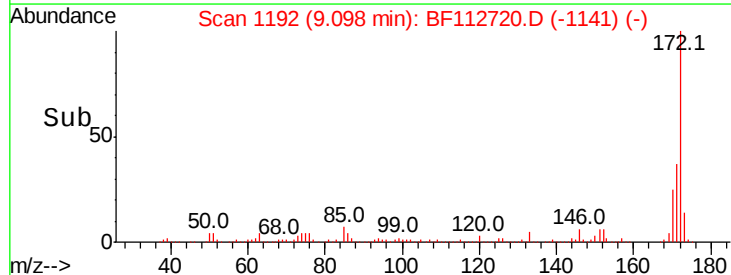
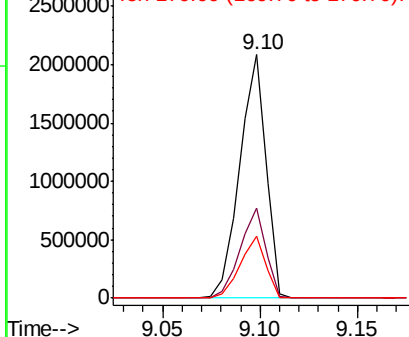


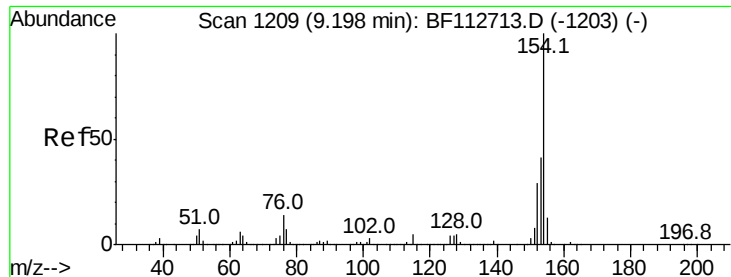
Abundance

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

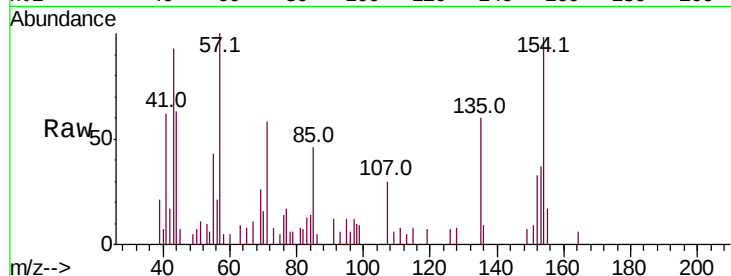




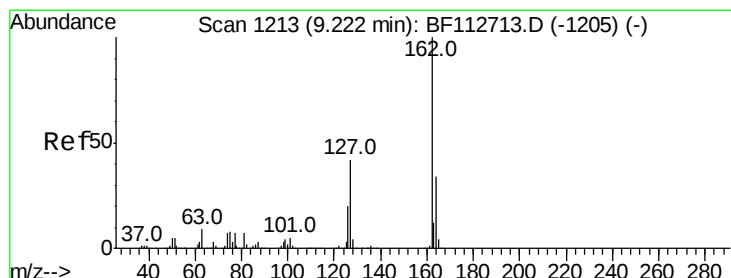
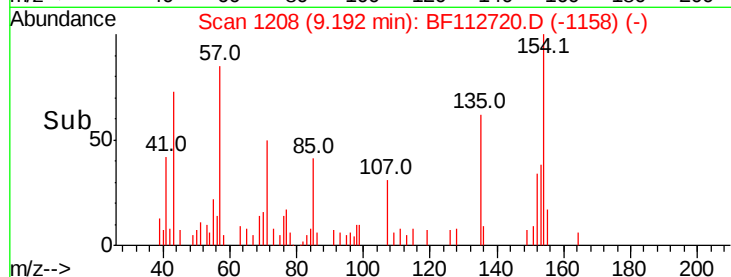
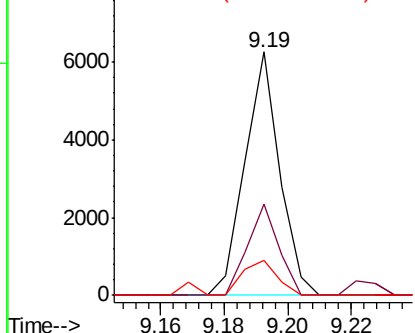
#46
 1,1'-Biphenyl
 Concen: 0.157 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tot Ion:154 Resp: 4748
 Ion Ratio Lower Upper
 154 100
 153 37.7 20.8 60.8
 76 14.4 0.0 33.8

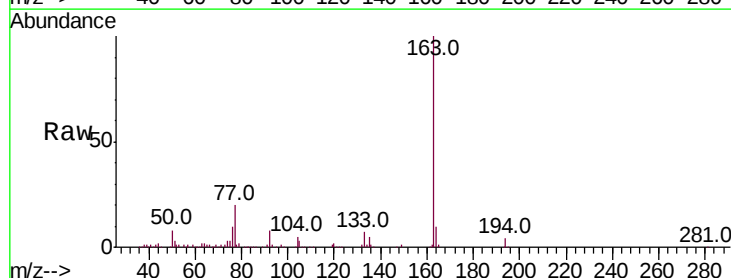


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

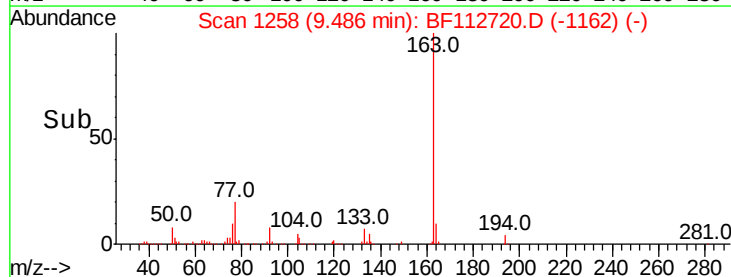
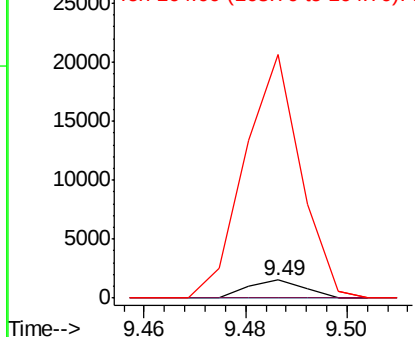


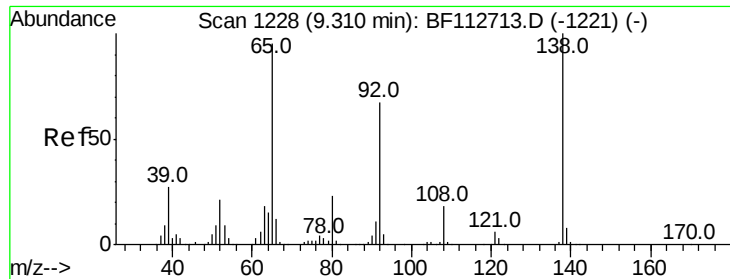
#47
 2-Chloronaphthalene
 Concen: 0.050 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.26 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Tgt Ion:162 Resp: 1191
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.4 50.2#
 164 1336.4 26.9 40.3#



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

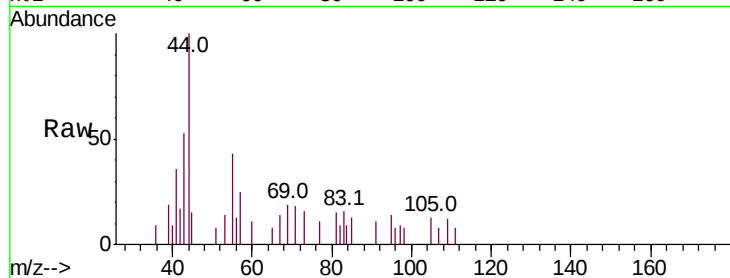




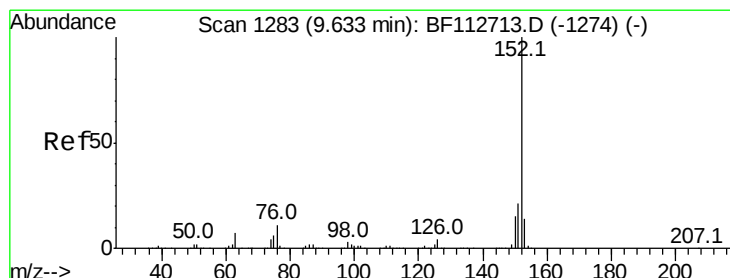
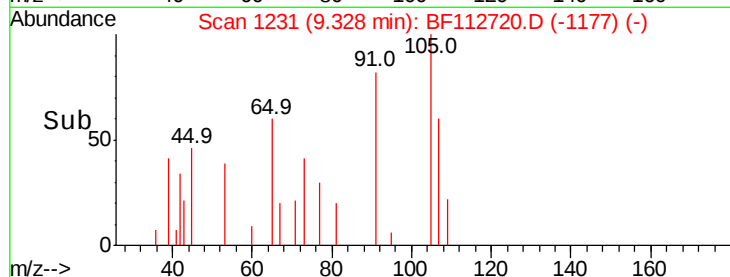
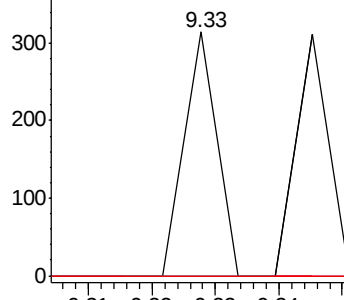
#48
2-Nitroaniline
Concen: 0.015 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.02 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampleId :
R-1

Tot Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 0.0 56.4 84.6#
138 0.0 84.6 126.8#

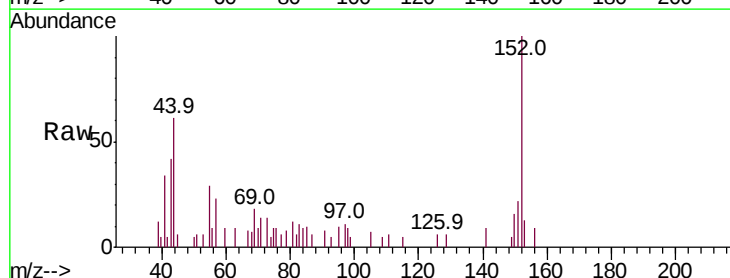


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

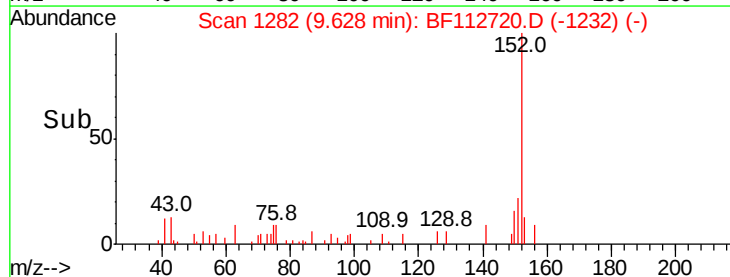
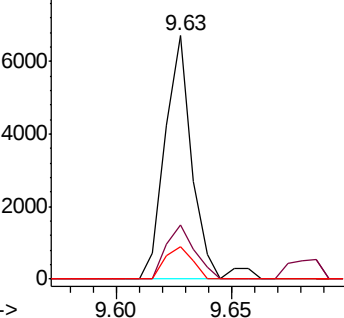


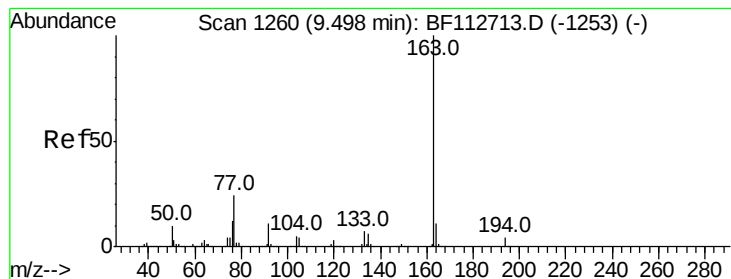
#49
Acenaphthylene
Concen: 0.138 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion: 152 Resp: 5536
Ion Ratio Lower Upper
152 100
151 22.3 16.9 25.3
153 13.3 11.0 16.6



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: 5.743 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

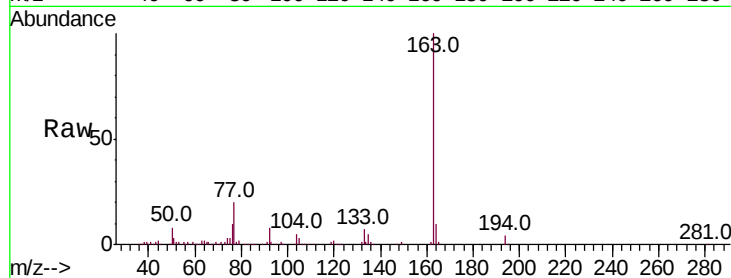
Tot Ion:163 Resp: 157259

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

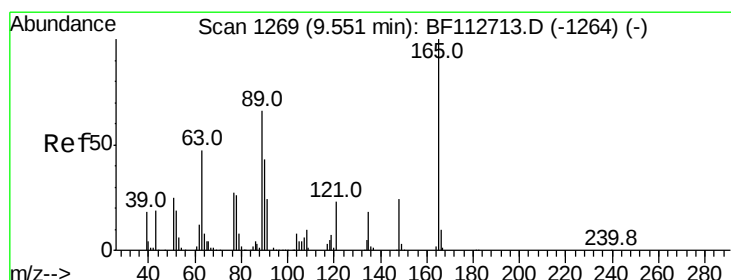
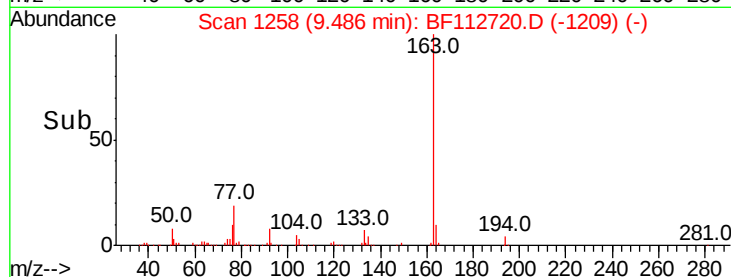
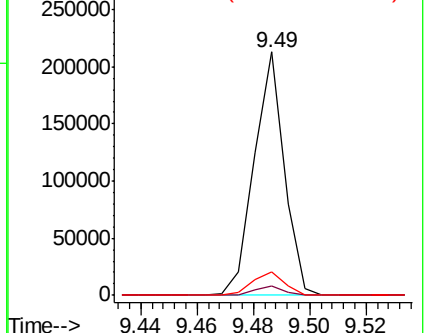
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 0.298 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.06 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

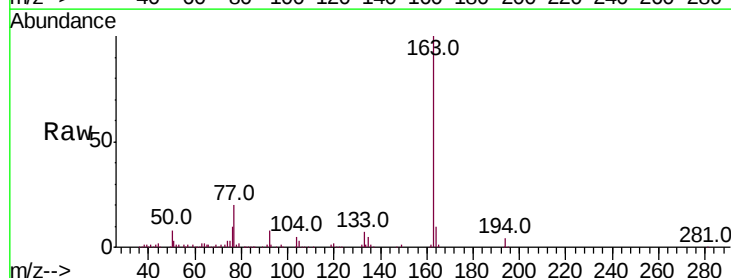
Tgt Ion:165 Resp: 1697

Ion Ratio Lower Upper

165 100

63 150.4 54.1 81.1#

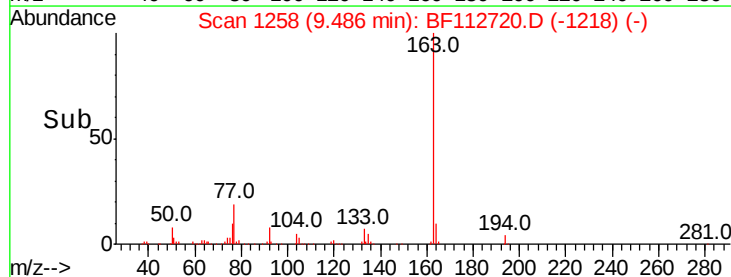
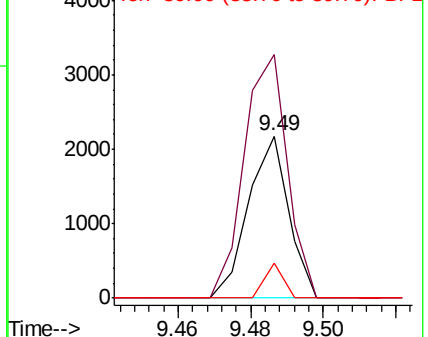
89 21.8 52.8 79.2#

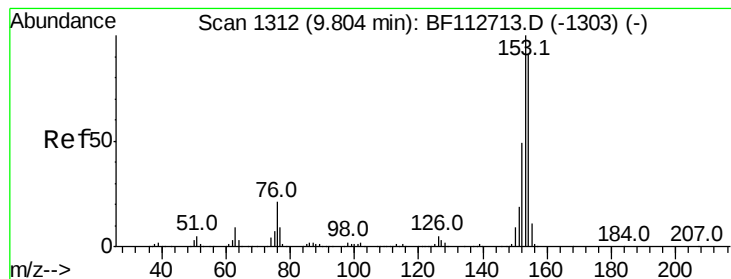


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.078 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

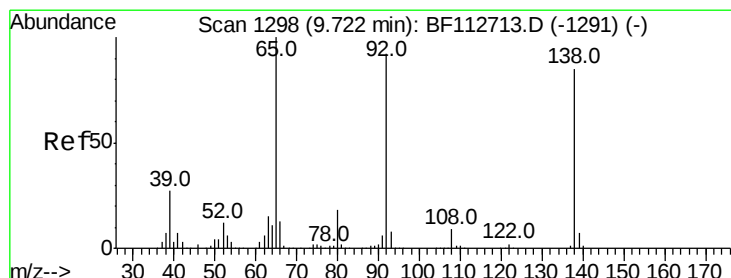
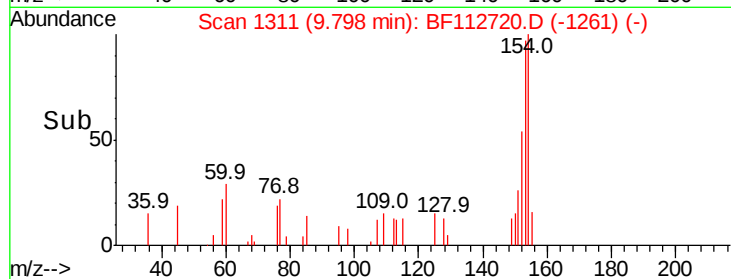
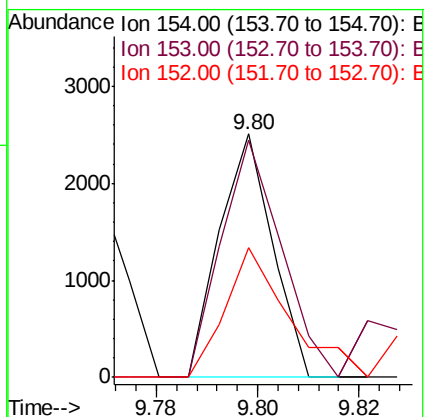
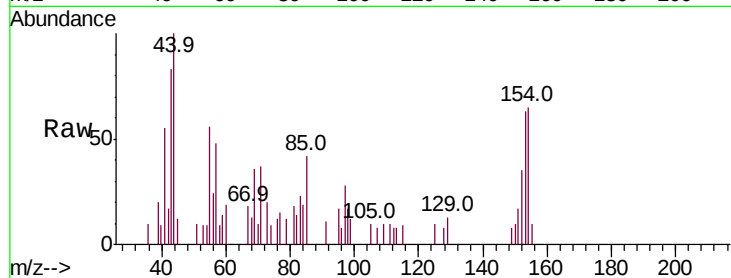
Tot Ion:154 Resp: 1821

Ion Ratio Lower Upper

154 100

153 97.5 87.8 131.8

152 53.5 43.0 64.6



#53

3-Nitroaniline

Concen: 0.016 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.04 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

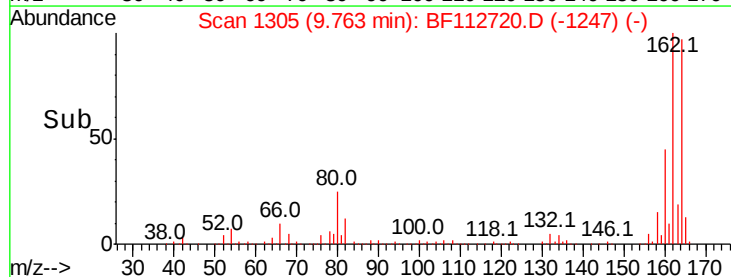
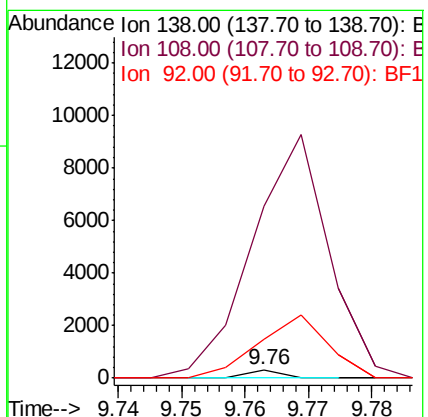
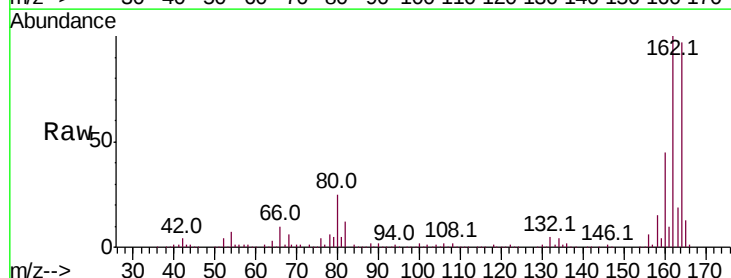
Tgt Ion:138 Resp: 109

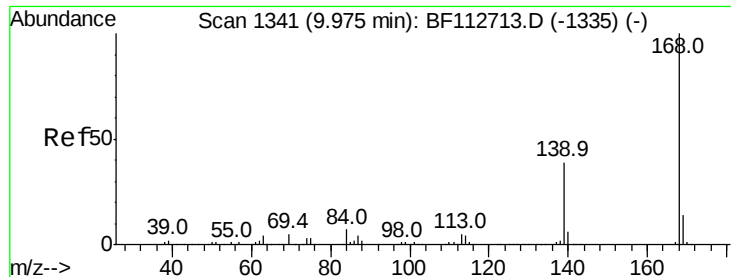
Ion Ratio Lower Upper

138 100

108 2108.7 8.6 13.0#

92 473.9 86.6 129.8#





#55

Dibenzofuran

Concen: 0.047 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

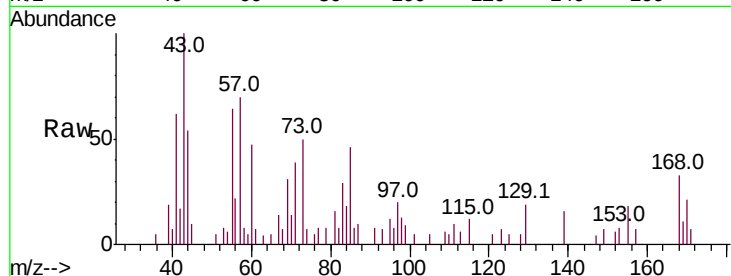
Tot Ion:168 Resp: 1615

Ion Ratio Lower Upper

168 100

139 49.1 31.3 46.9#

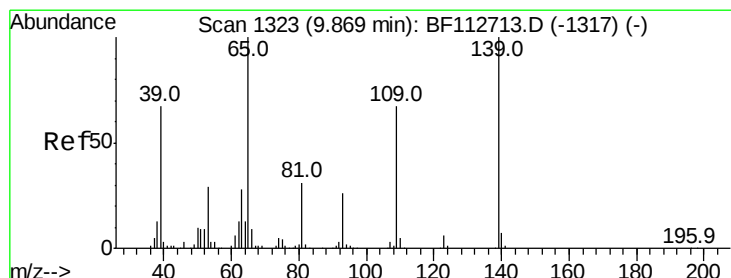
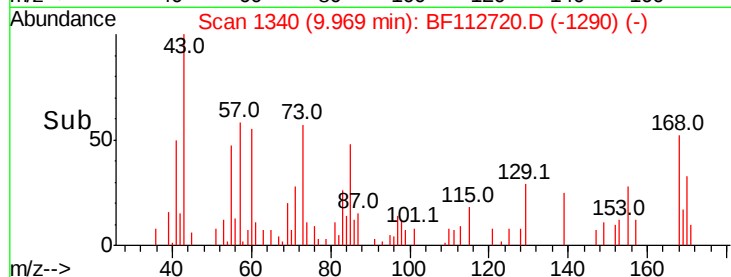
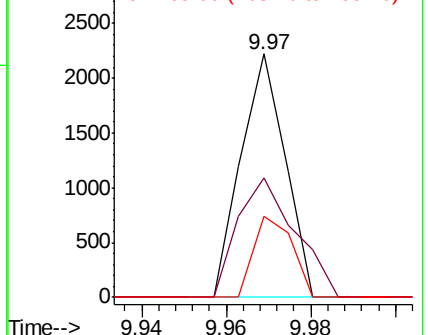
169 33.1 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.023 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

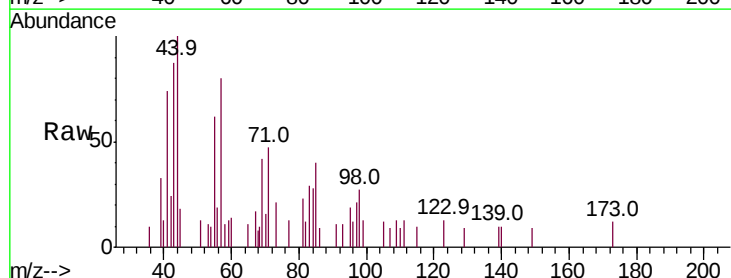
Tgt Ion:139 Resp: 128

Ion Ratio Lower Upper

139 100

109 125.4 46.8 86.8#

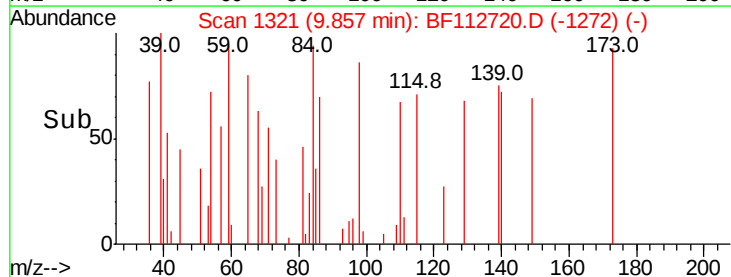
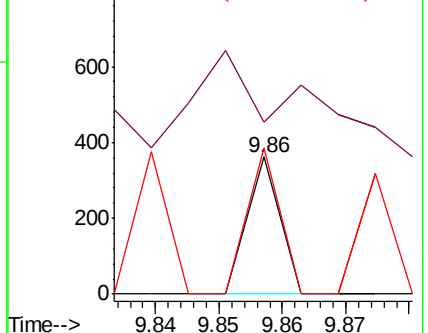
65 106.4 80.7 120.7

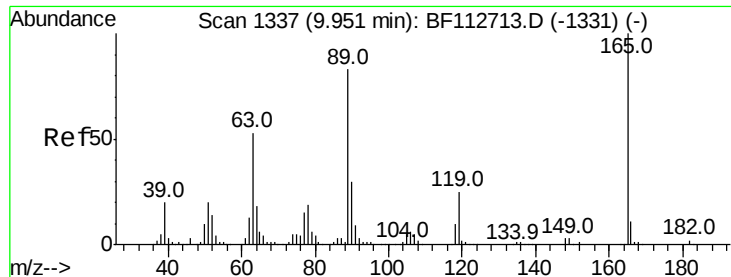


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

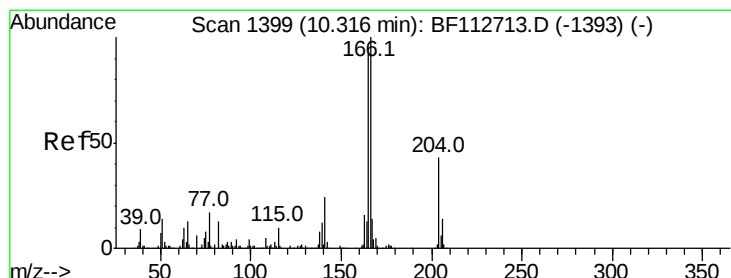
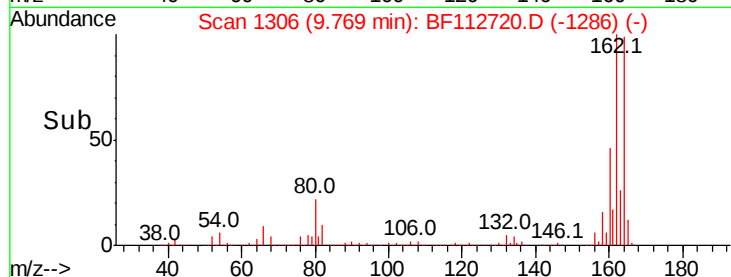
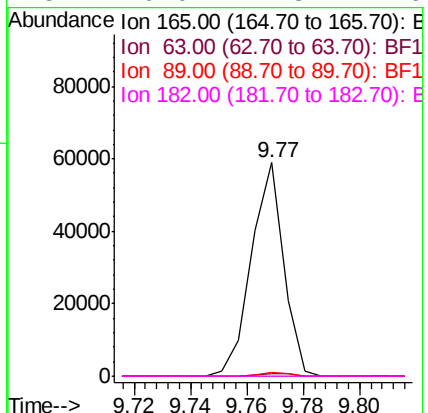
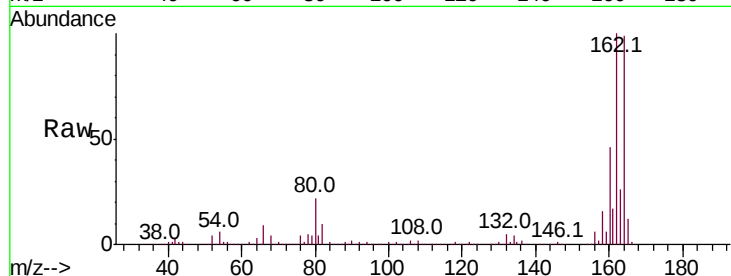




#57
2,4-Dinitrotoluene
Concen: 6.614 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

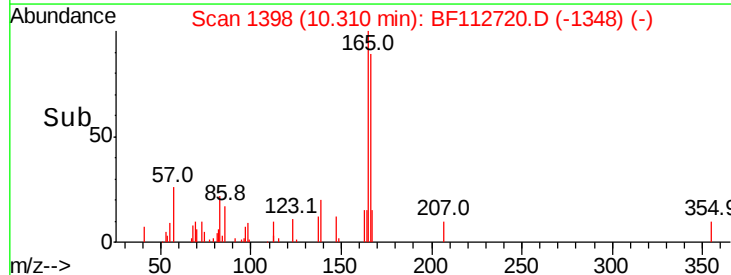
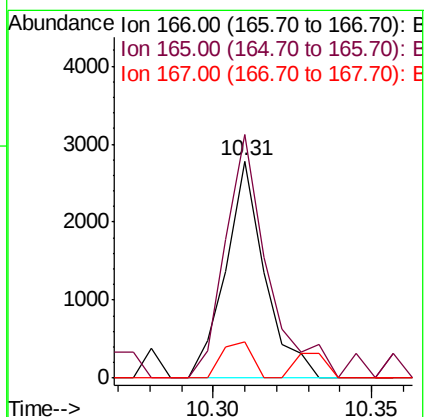
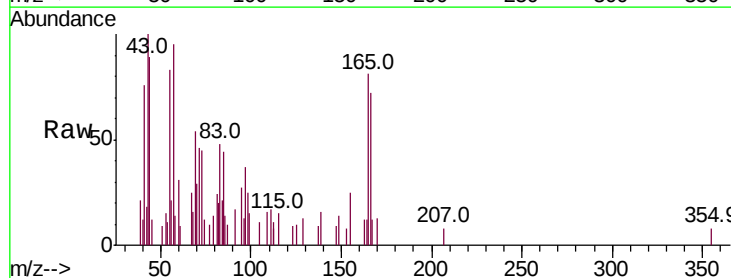
Instrument :
BNA_F
ClientSampleId :
R-1

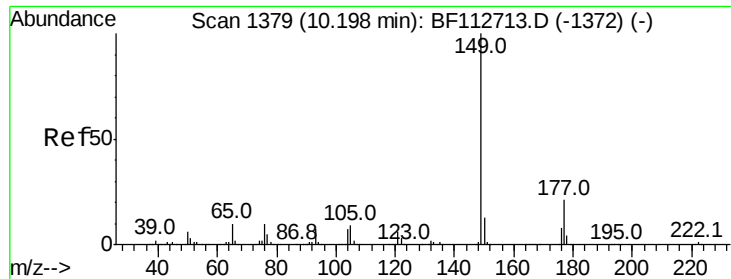
Tot Ion:	165	Resp:	46879
Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#



#58
Fluorene
Concen: 0.098 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:	166	Resp:	2376
Ion	Ratio	Lower	Upper
166	100		
165	112.1	74.7	112.1#
167	16.8	11.0	16.6#

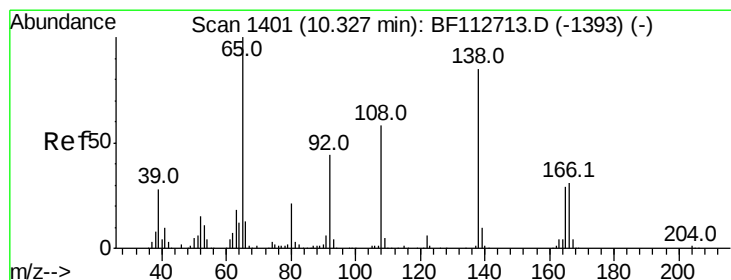
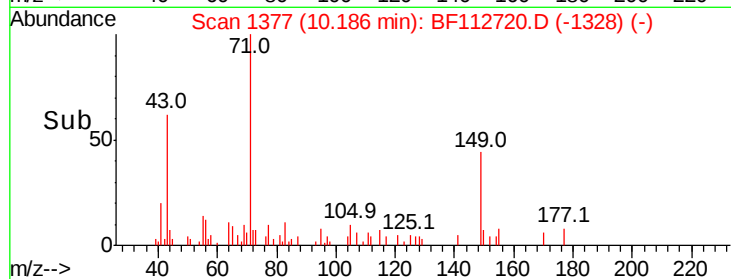
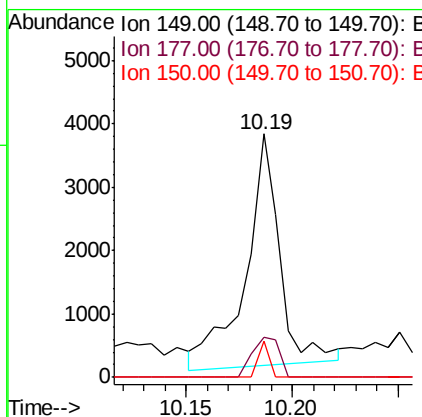
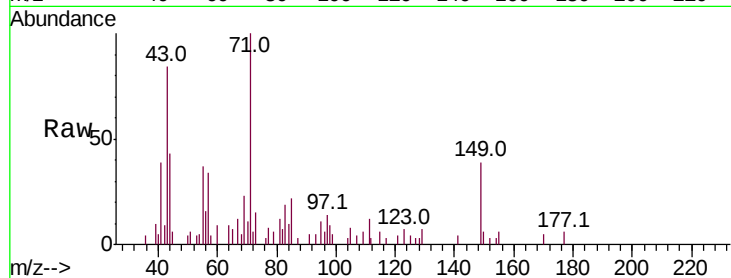




#60
Diethylphthalate
Concen: 0.143 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

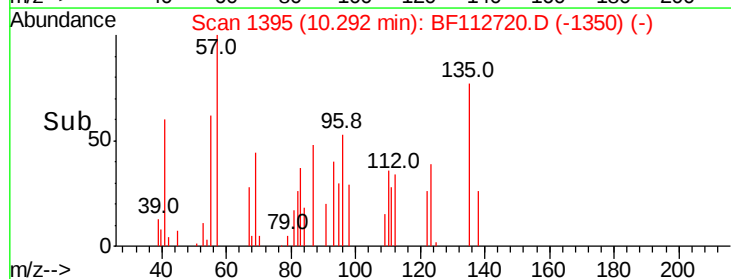
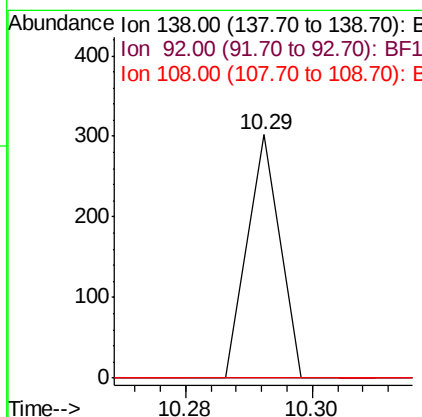
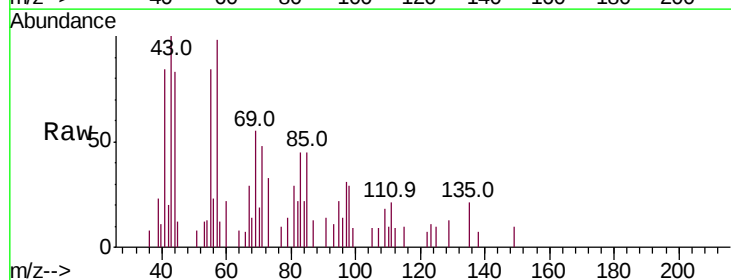
Instrument :
BNA_F
ClientSampled :
R-1

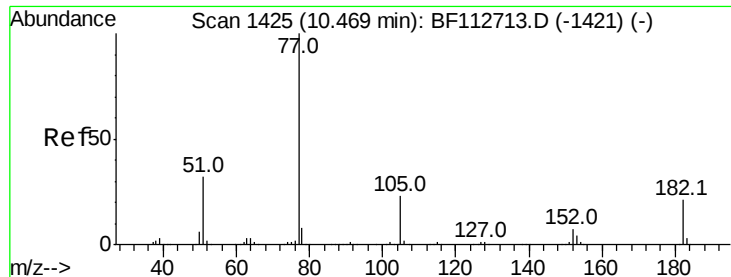
Tot Ion:149 Resp: 4122
Ion Ratio Lower Upper
149 100
177 16.3 17.0 25.6#
150 14.8 10.0 15.0



#62
4-Nitroaniline
Concen: 0.017 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.04 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:138 Resp: 107
Ion Ratio Lower Upper
138 100
92 0.0 31.3 71.3#
108 0.0 48.1 88.1#

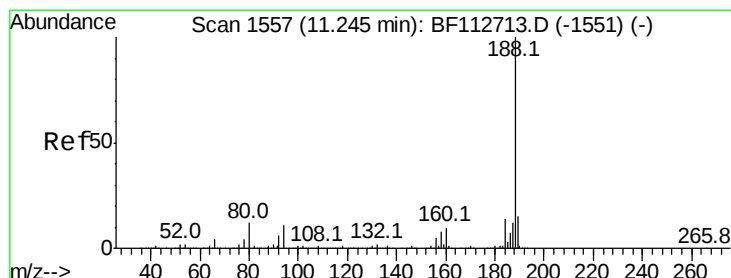
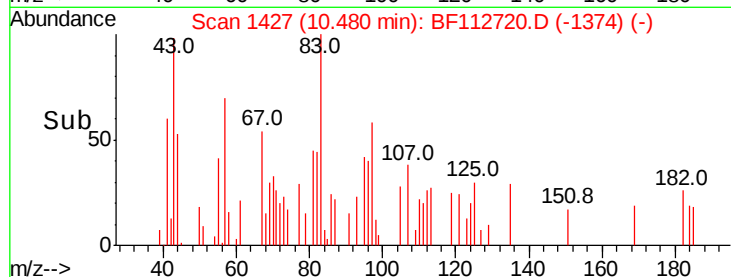
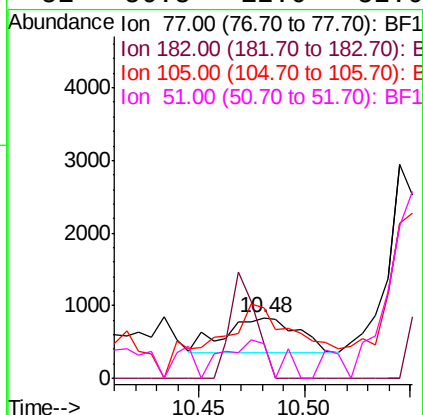
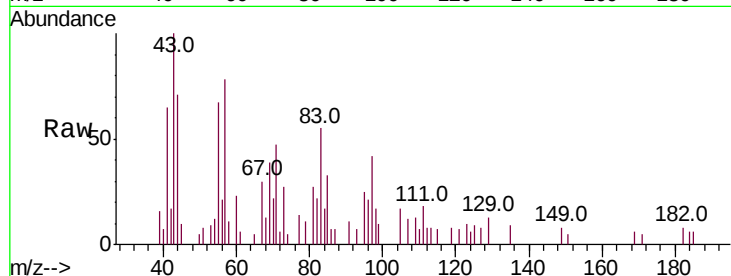




#63
Azobenzene
Concen: 0.038 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

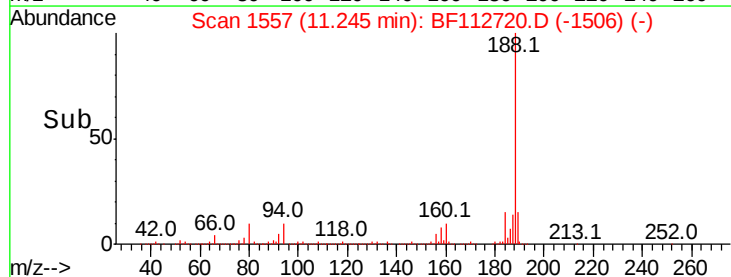
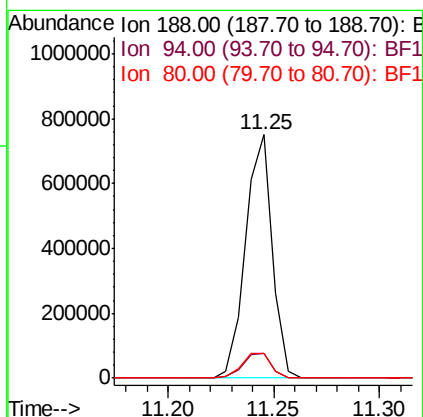
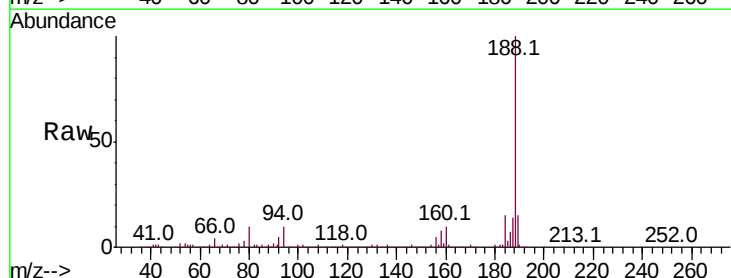
Instrument :
BNA_F
ClientSampled :
R-1

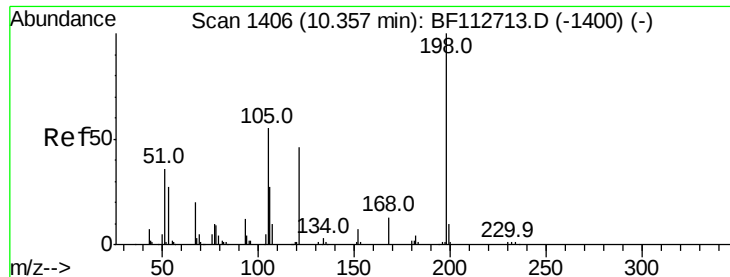
Tot Ion: 77 Resp: 1137
Ion Ratio Lower Upper
77 100
182 57.0 1.4 41.4#
105 117.0 2.6 42.6#
51 56.8 12.0 52.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion: 188 Resp: 656106
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.1 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 4.905 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

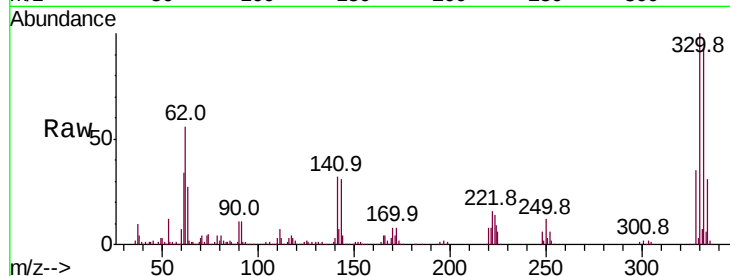
Tot Ion:198 Resp: 872

Ion Ratio Lower Upper

198 100

51 247.4 43.8 83.8#

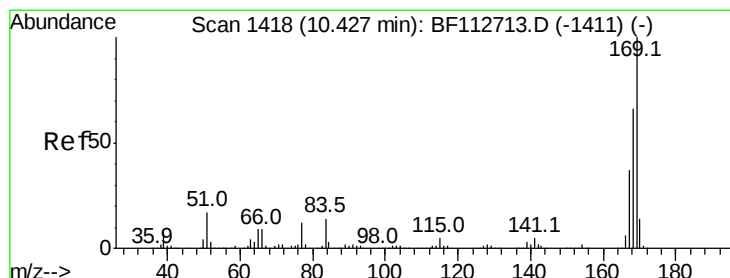
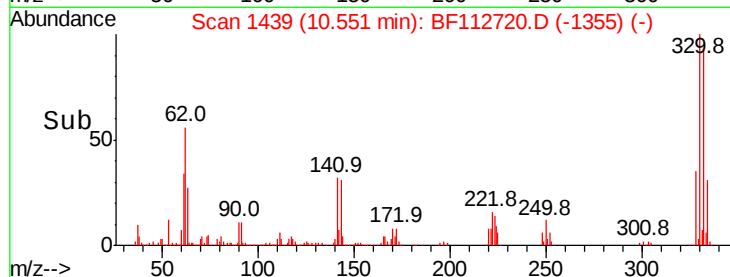
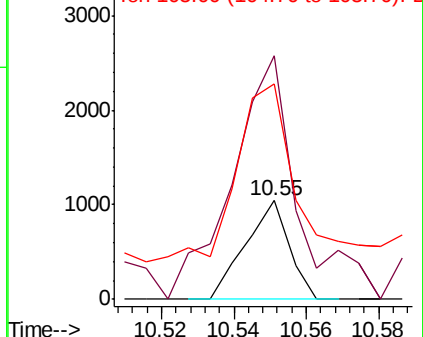
105 218.7 36.5 76.5#



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: 0.061 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

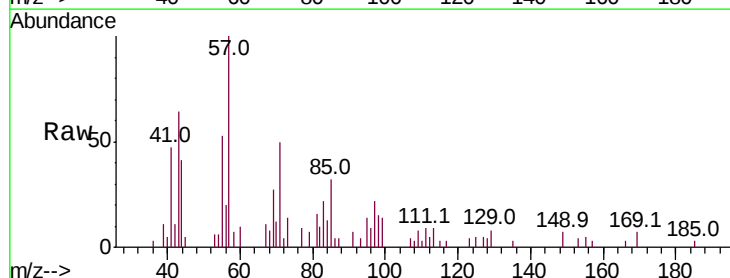
Tgt Ion:169 Resp: 1279

Ion Ratio Lower Upper

169 100

168 0.0 53.0 79.6#

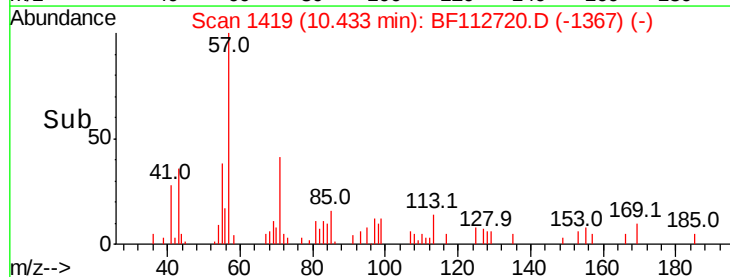
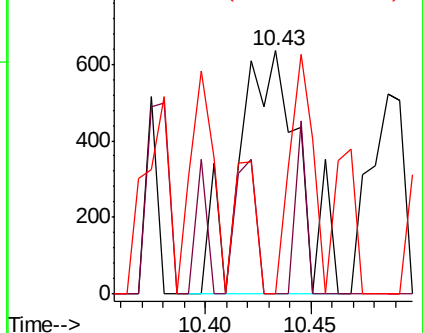
167 0.0 29.3 43.9#

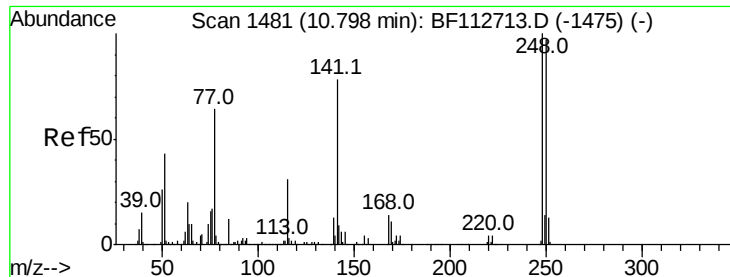


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

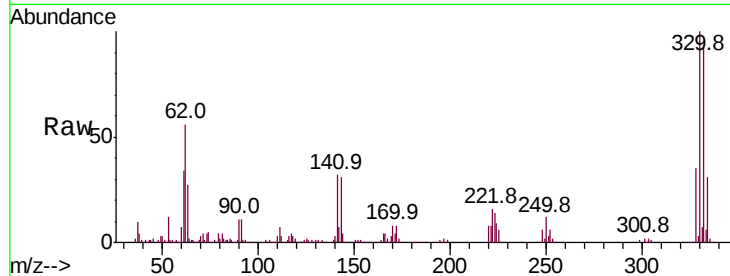




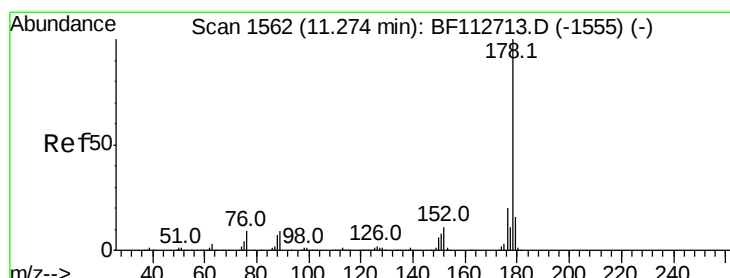
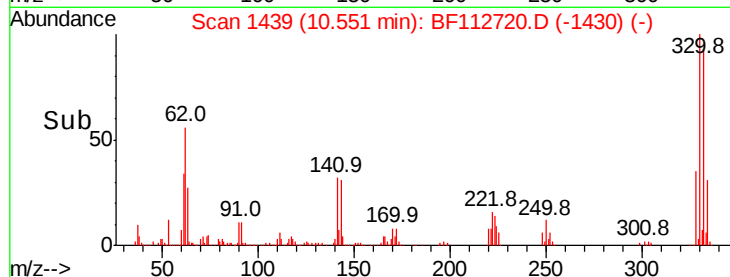
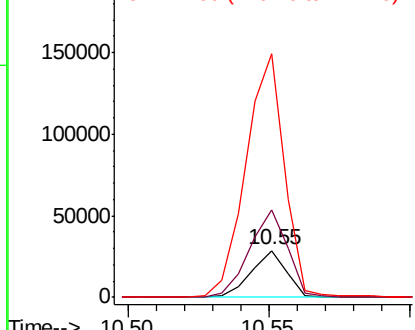
#67
 4-Bromophenyl-phenylether
 Concen: 3.636 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tot Ion:248 Resp: 25130
 Ion Ratio Lower Upper
 248 100
 250 187.7 77.5 116.3#
 141 520.0 62.4 93.6#

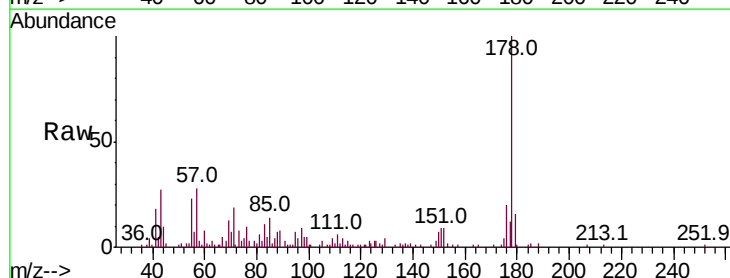


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

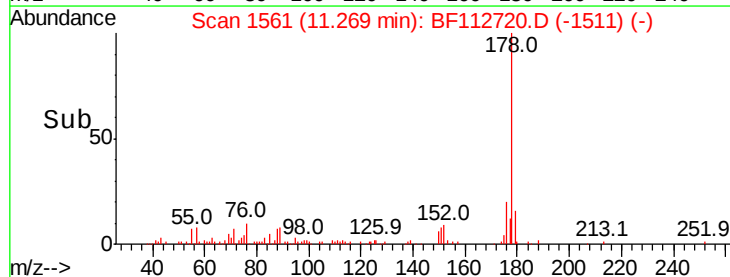
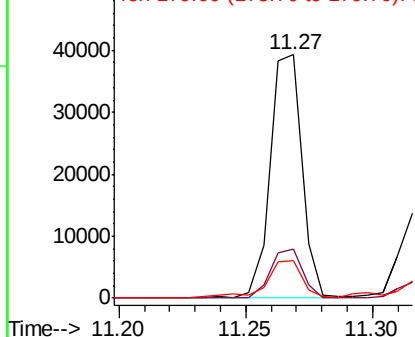


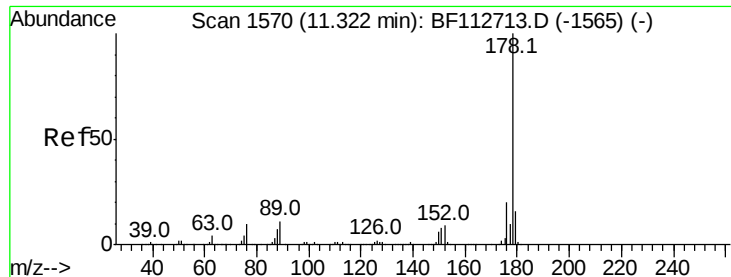
#71
 Phenanthrene
 Concen: 1.050 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Tgt Ion:178 Resp: 34267
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 1.003 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.05 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

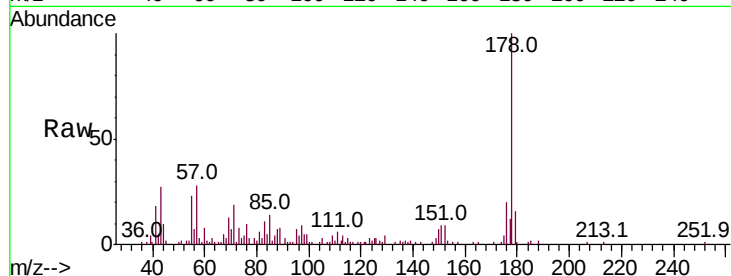
BNA_F

ClientSampleId :

R-1

Tot Ion:178 Resp: 34267

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	15.6	13.0	19.6

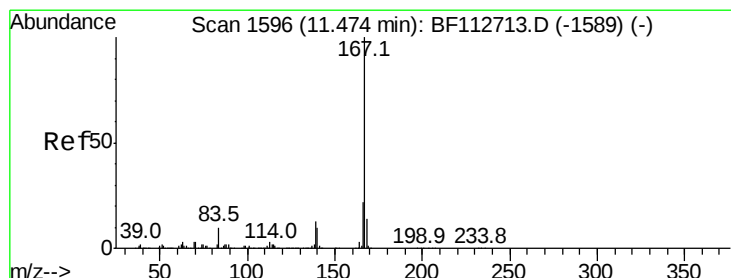
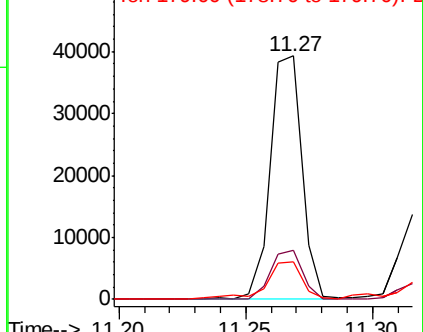
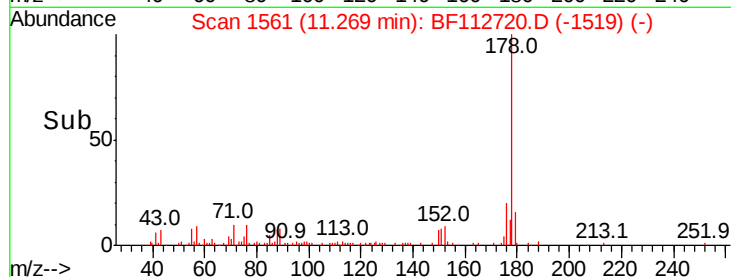


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.135 ng

RT: 11.46 min Scan# 1594

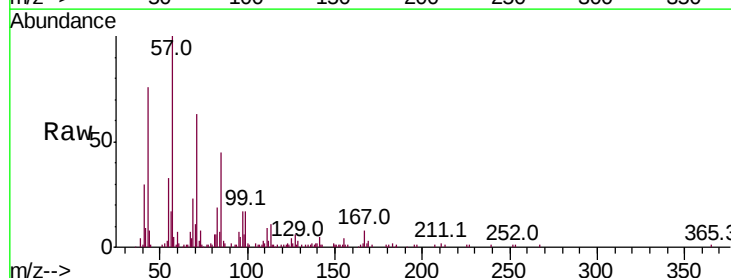
Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Tgt Ion:167 Resp: 4495

Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.5	26.3
139	30.9	10.8	16.2#

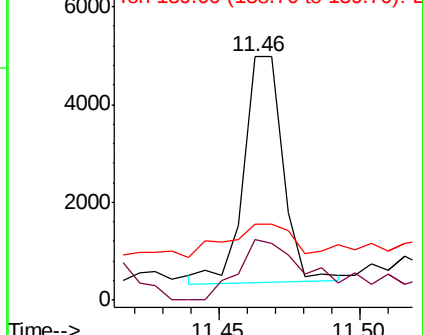
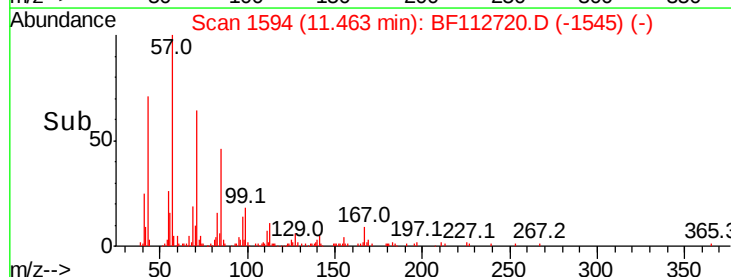


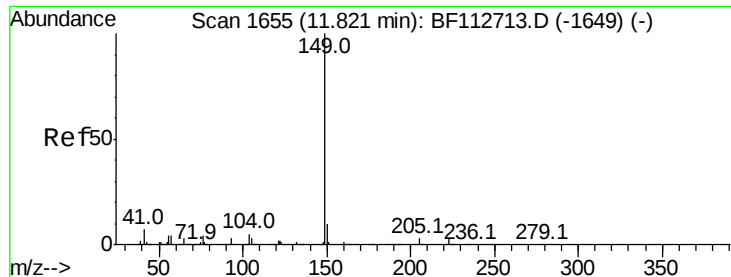
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.677 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

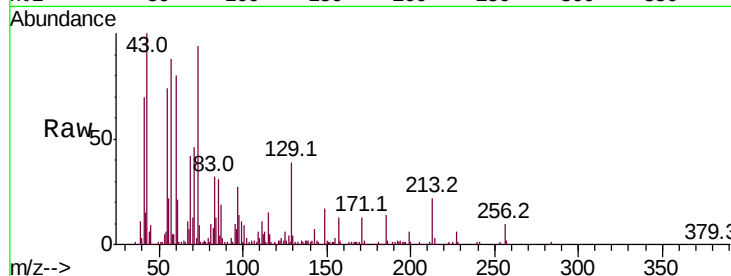
Tot Ion:149 Resp: 27072

Ion Ratio Lower Upper

149 100

150 10.8 7.6 11.4

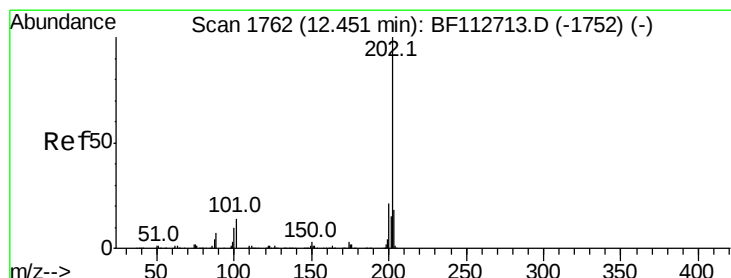
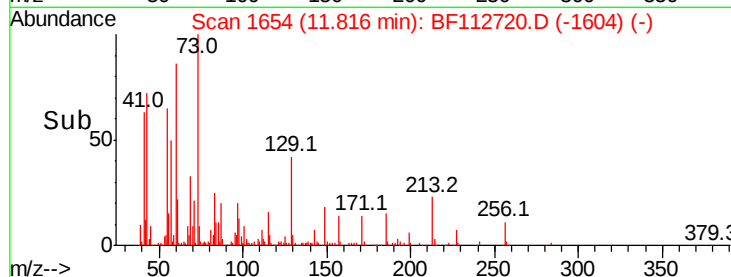
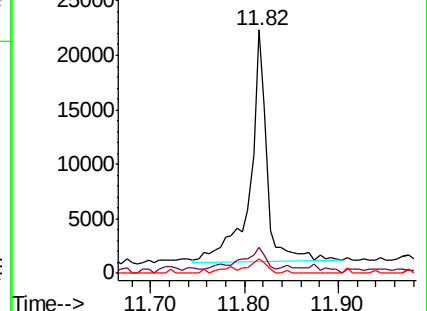
104 6.1 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 1.426 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

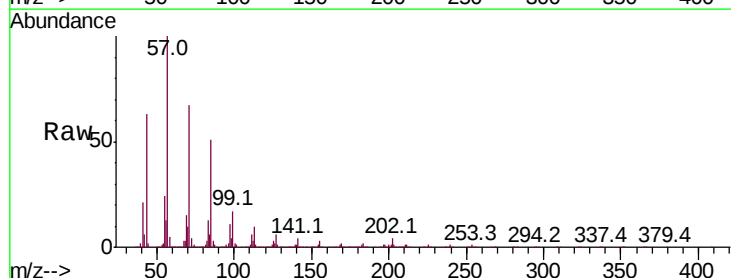
Tgt Ion:202 Resp: 49875

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.8

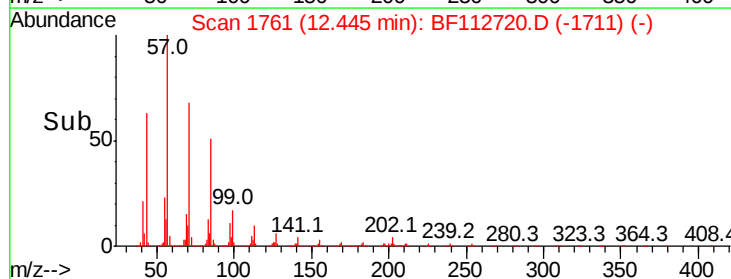
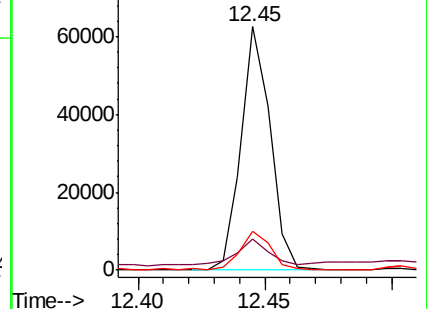
203 16.1 0.0 38.4

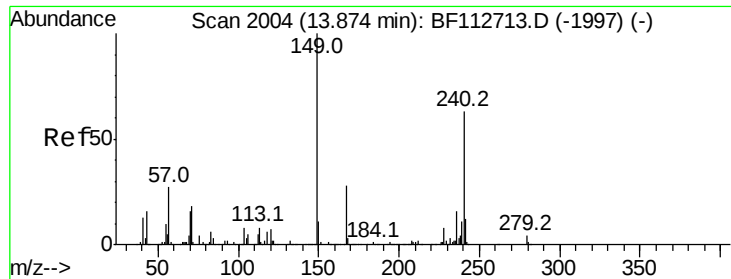


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

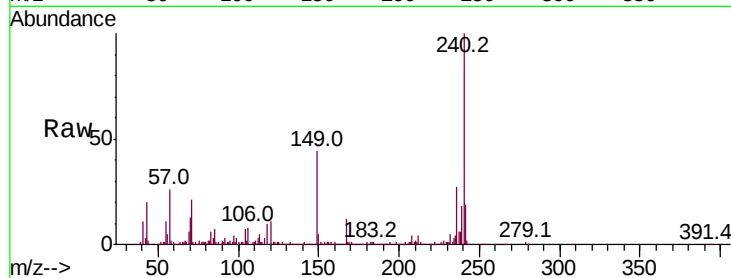




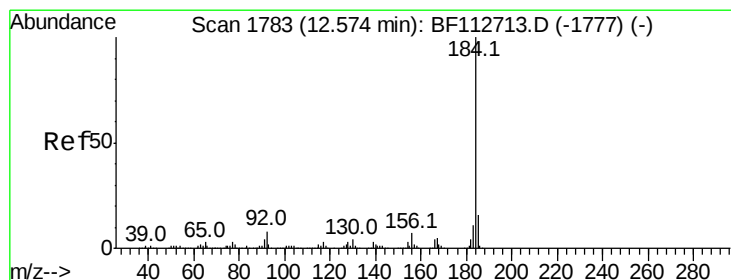
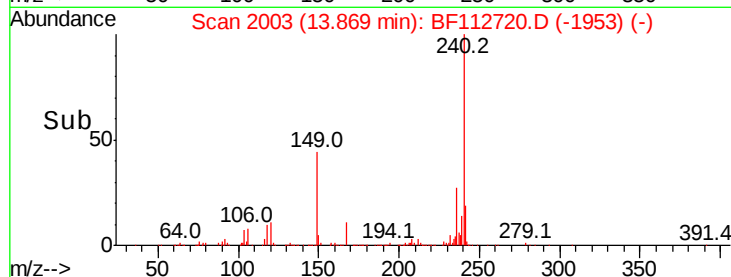
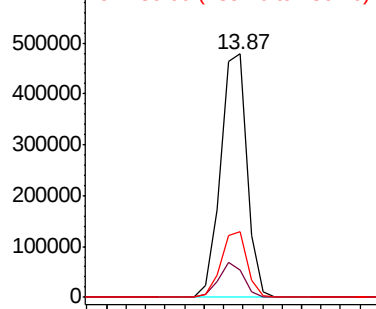
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tot Ion:240 Resp: 450792
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.9 13.3
 236 26.8 20.7 31.1

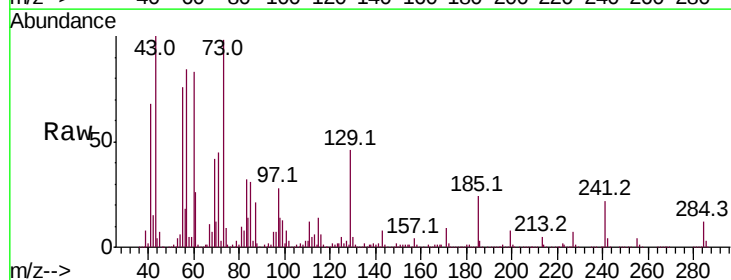


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

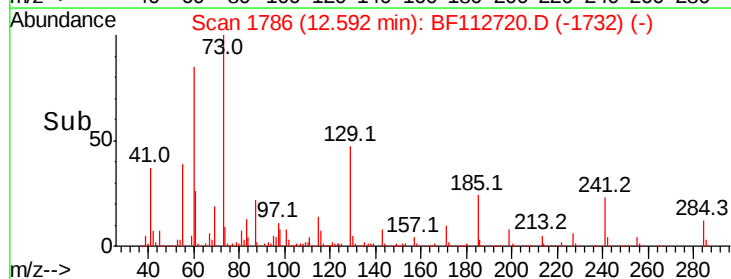
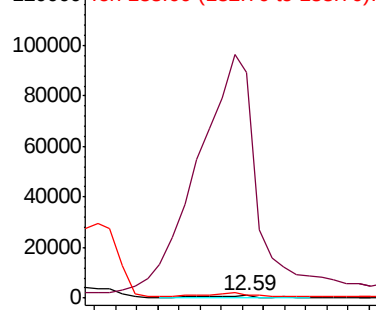


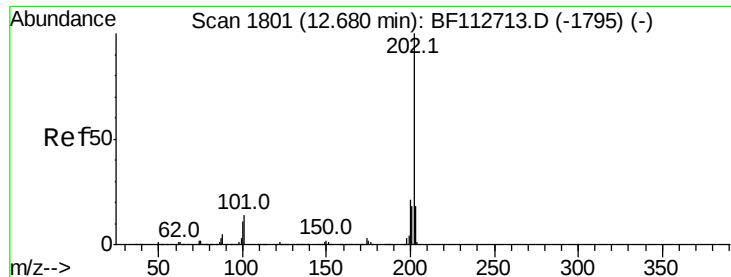
#77
 Benzidine
 Concen: 0.099 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.02 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Tgt Ion:184 Resp: 2308
 Ion Ratio Lower Upper
 184 100
 185 8306.8 12.6 18.8#
 183 126.3 8.6 12.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 2.394 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampled :

R-1

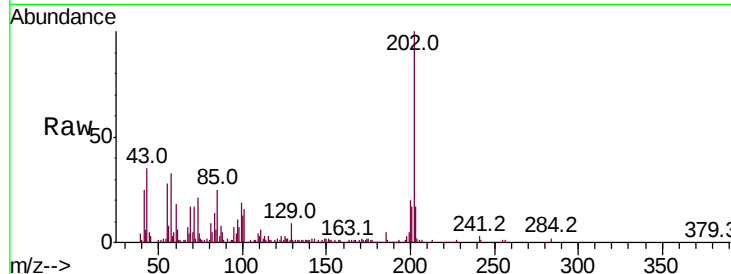
Tot Ion:202 Resp: 90988

Ion Ratio Lower Upper

202 100

200 20.1 17.0 25.4

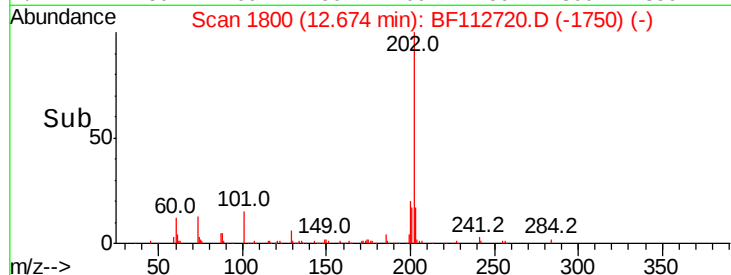
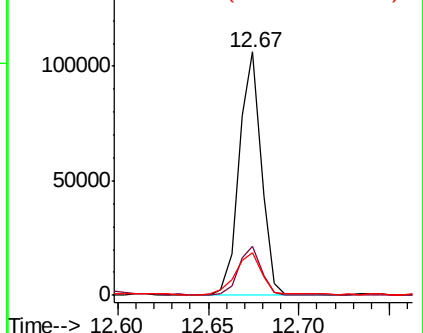
203 17.3 14.4 21.6



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: 68.855 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

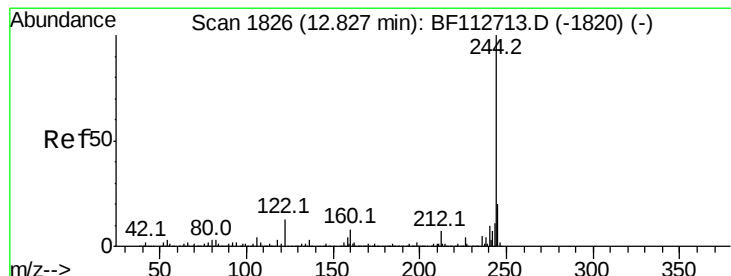
Tgt Ion:244 Resp: 1601205

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

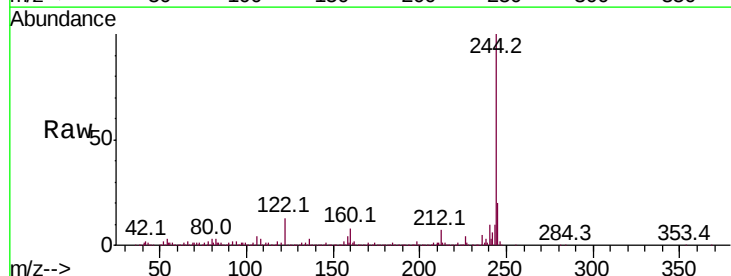
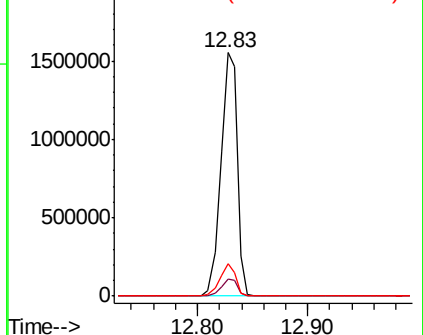
122 13.1 10.5 15.7

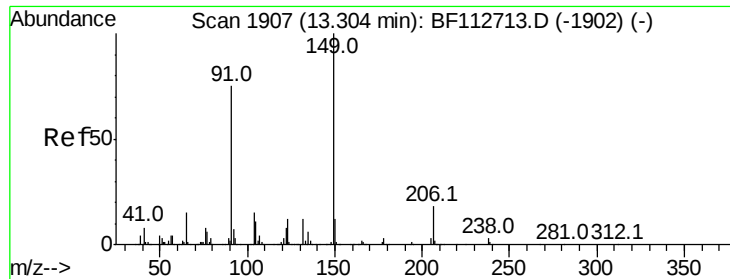


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

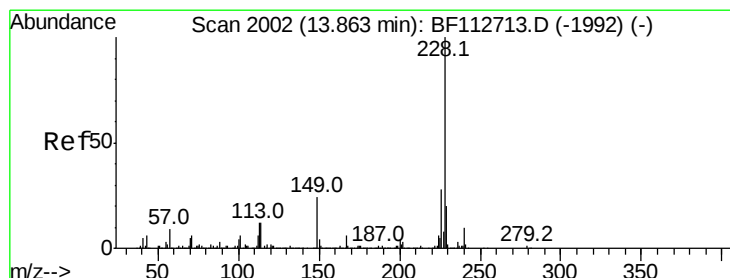
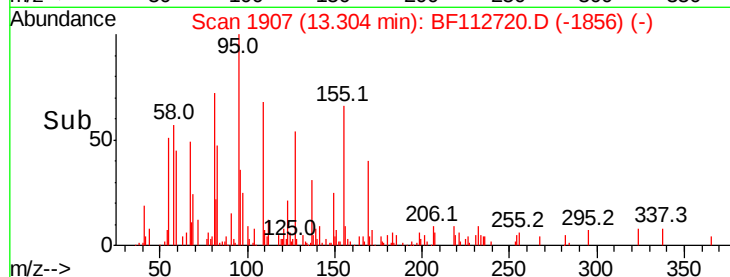
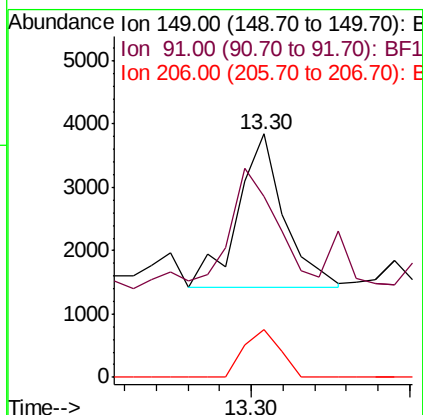
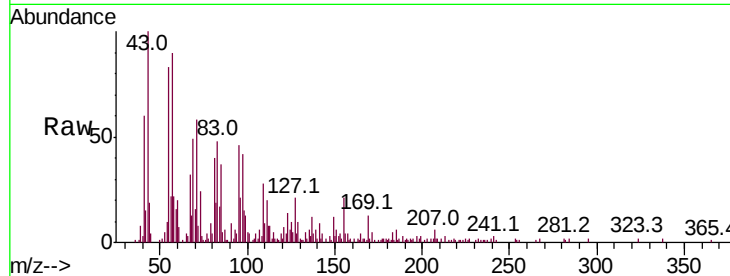




#80
Butylbenzylphthalate
Concen: 0.144 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

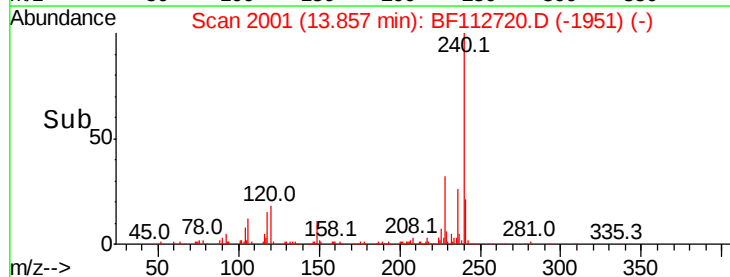
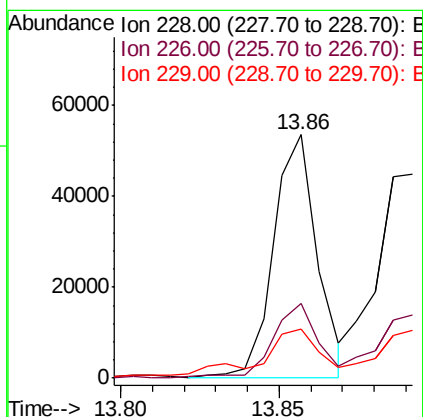
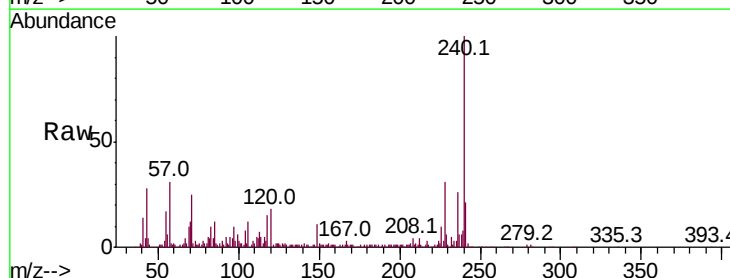
Instrument :
BNA_F
ClientSampled :
R-1

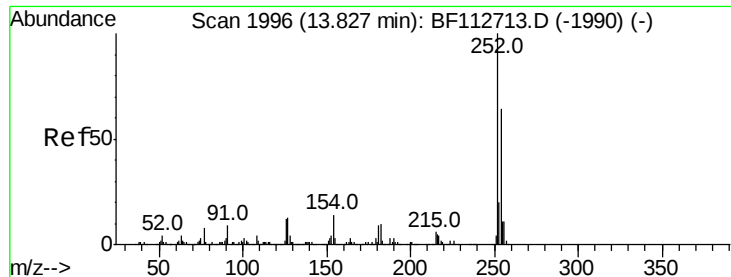
Tot Ion:149 Resp: 2420
Ion Ratio Lower Upper
149 100
91 74.1 59.9 89.9
206 19.4 14.7 22.1



#81
Benzo(a)anthracene
Concen: 1.647 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:228 Resp: 51444
Ion Ratio Lower Upper
228 100
226 30.5 22.2 33.4
229 19.9 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 0.029 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :

BNA_F

ClientSampleId :

R-1

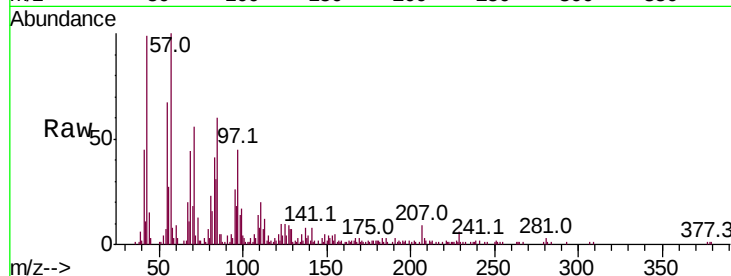
Tot Ion:252 Resp: 341

Ion Ratio Lower Upper

252 100

254 0.0 51.1 76.7#

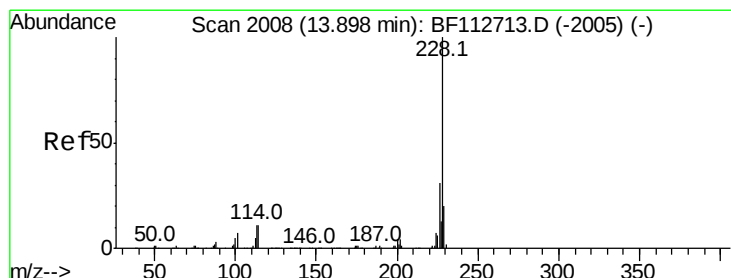
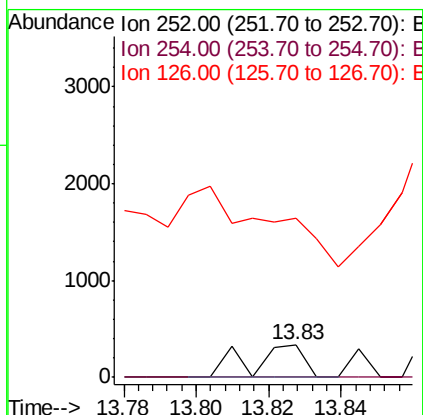
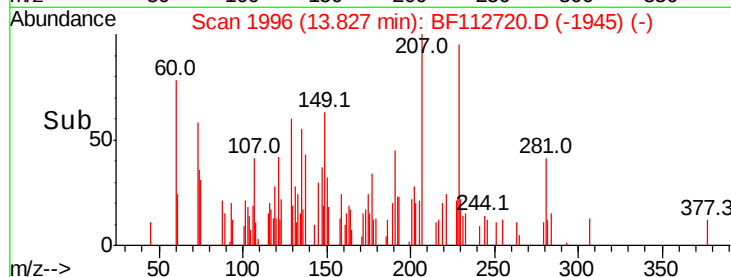
126 483.5 9.9 14.9#



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: 1.543 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

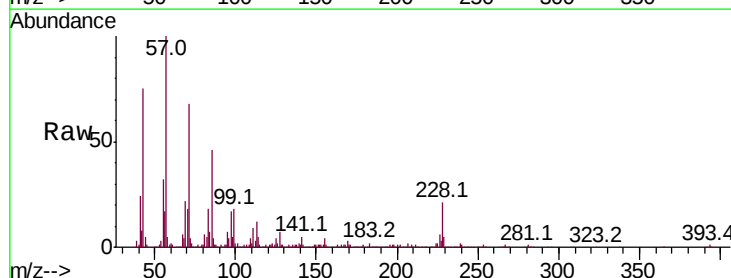
Tgt Ion:228 Resp: 47213

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

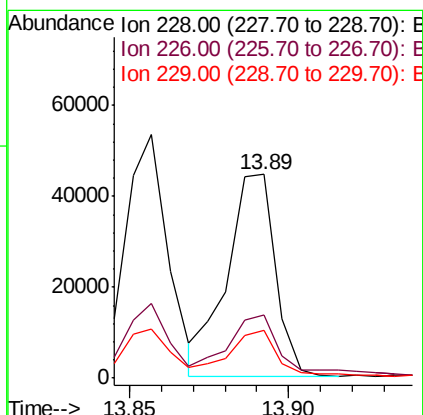
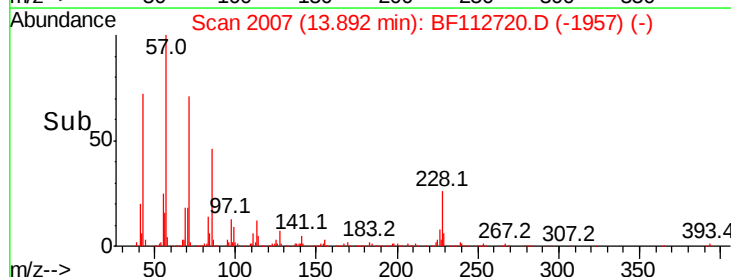
229 23.3 16.3 24.5

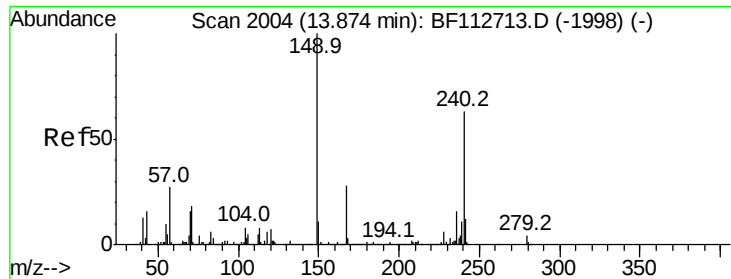


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

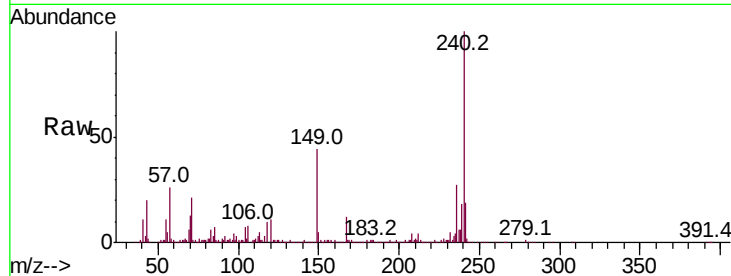




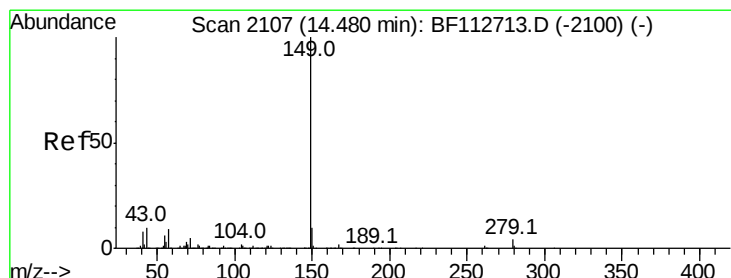
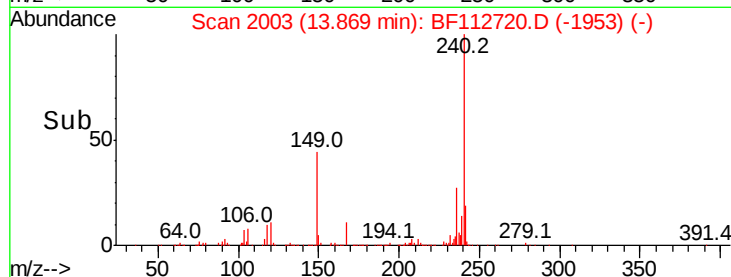
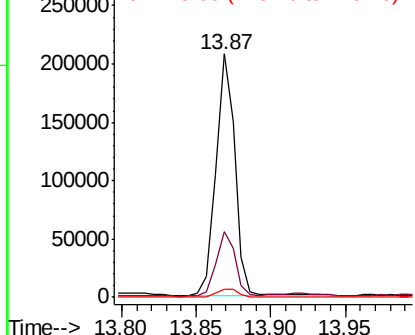
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.325 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tot Ion:149 Resp: 183467
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.4 33.6
 279 3.4 3.3 4.9

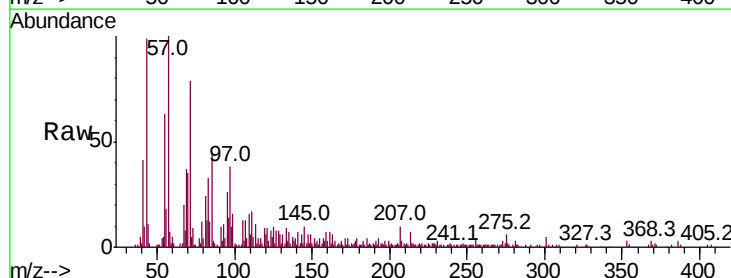


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

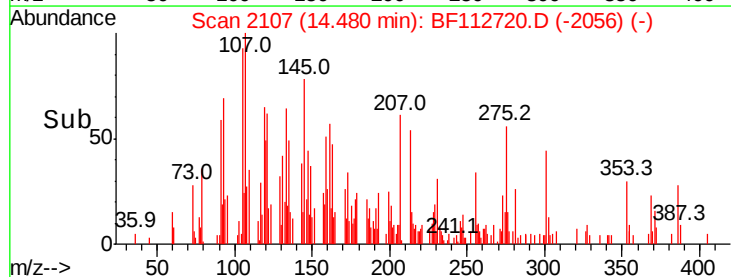
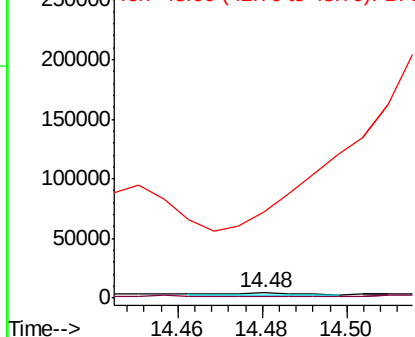


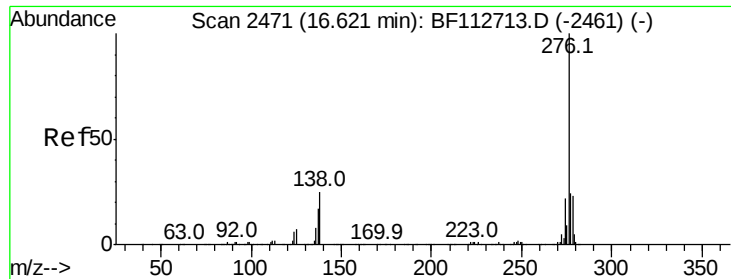
#85
 Di-n-octyl phthalate
 Concen: 0.055 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Tgt Ion:149 Resp: 1862
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 9.0 13.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

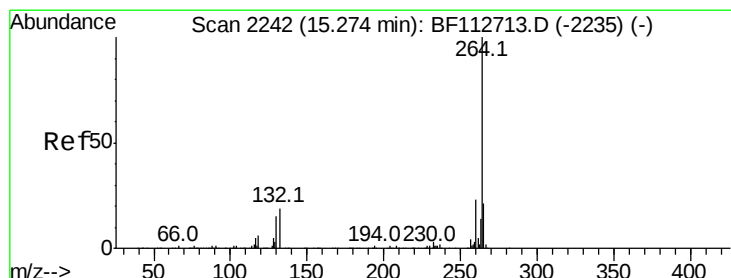
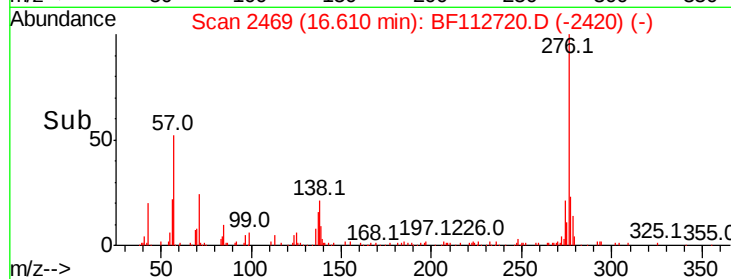
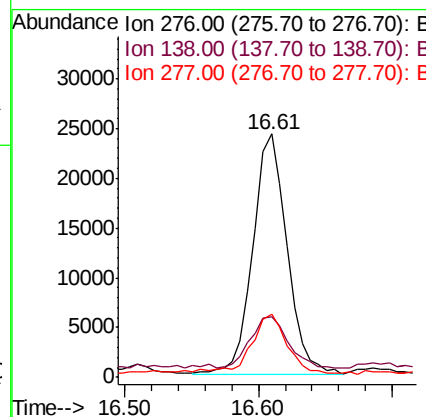
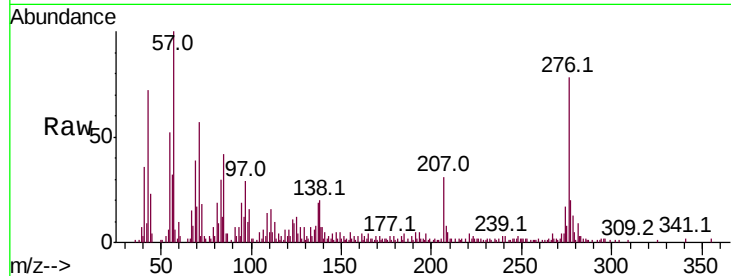




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 1.622 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

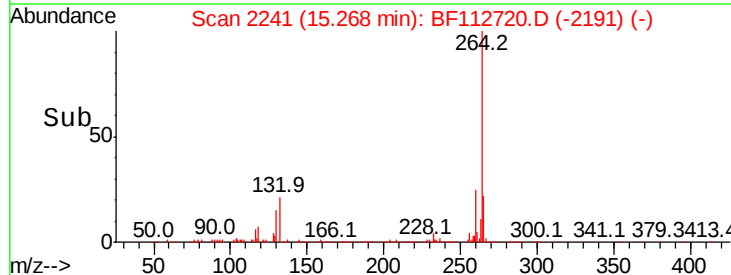
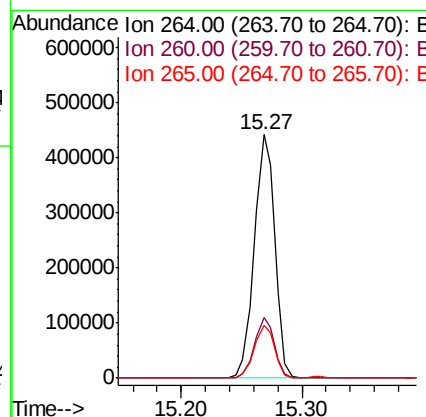
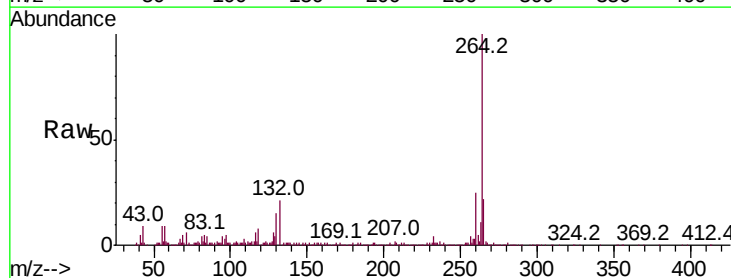
Instrument :
 BNA_F
 ClientSampleId :
 R-1

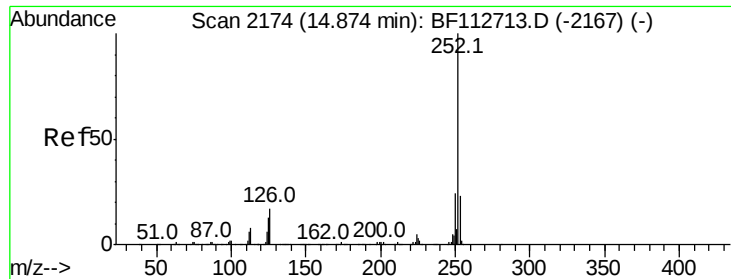
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	23.2	34.8
277	25.9	19.9	29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	21.9	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 2.987 ng

RT: 14.87 min Scan# 2173

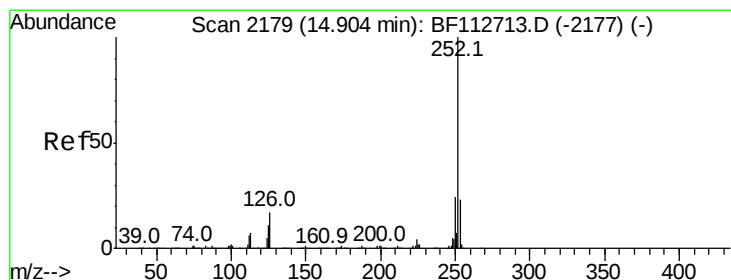
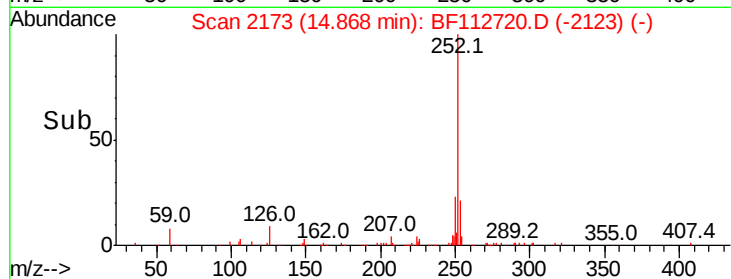
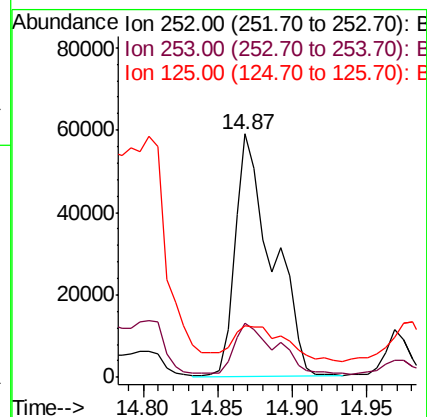
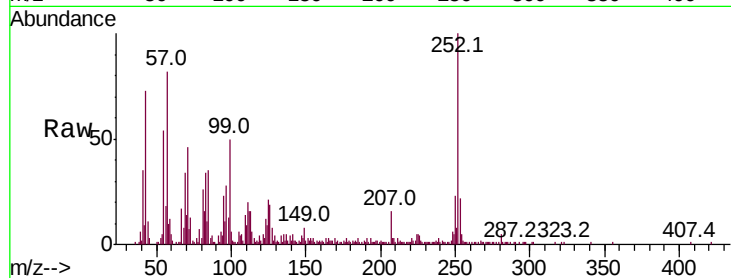
Delta R.T. -0.01 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Instrument :
BNA_F
ClientSampleId :
R-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	21.4	10.2	15.2#



#89

Benzo(k)fluoranthene

Concen: 3.298 ng

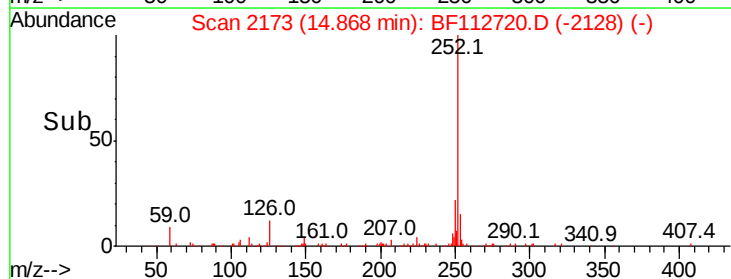
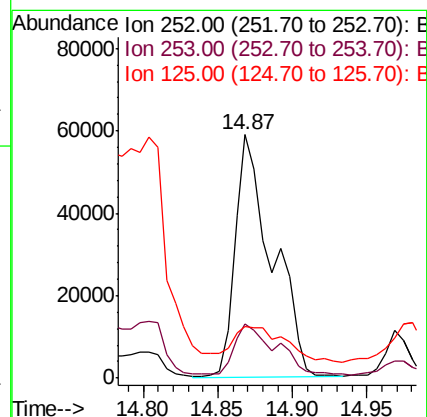
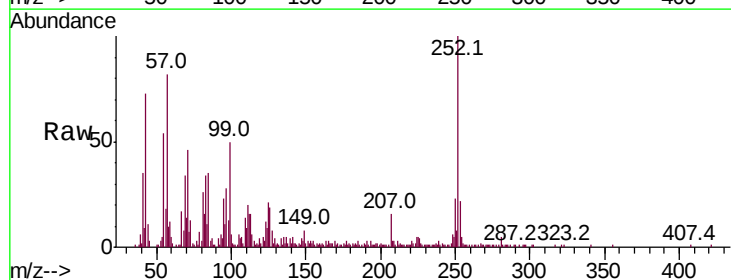
RT: 14.87 min Scan# 2173

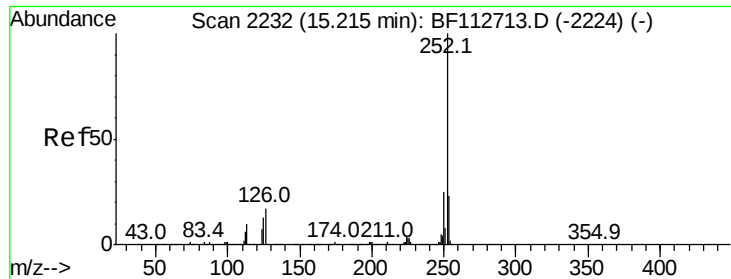
Delta R.T. -0.04 min

Lab File: BF112720.D

Acq: 27 Feb 2019 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	21.4	9.8	14.6#

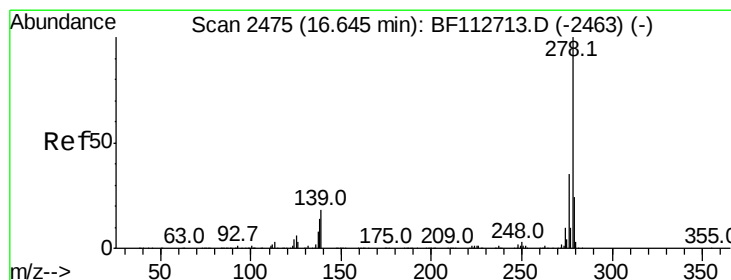
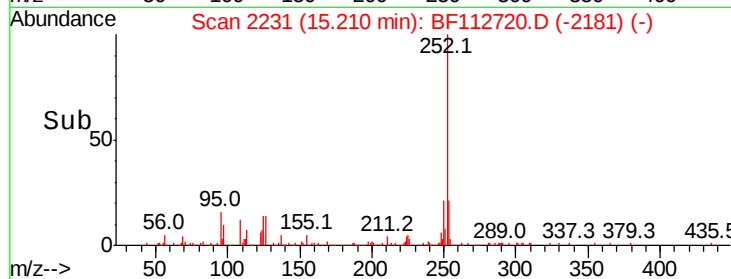
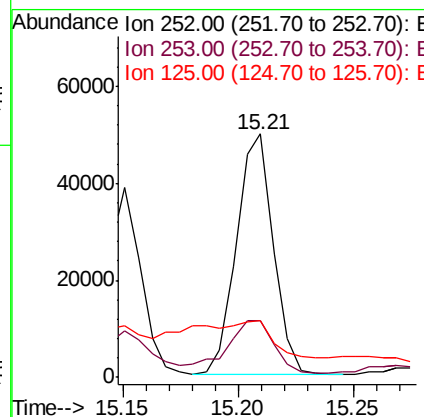
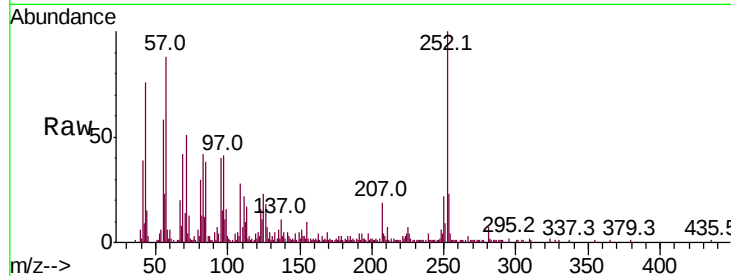




#90
Benzo(a)pyrene
Concen: 1.832 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

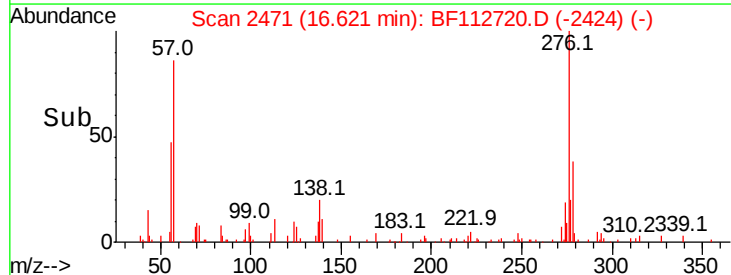
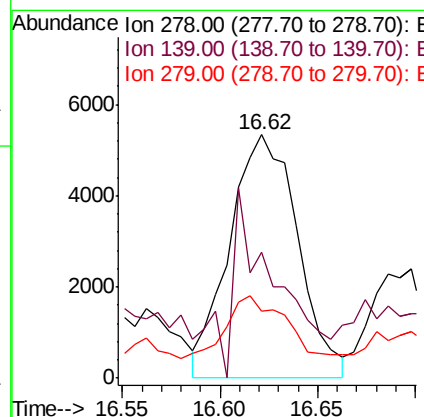
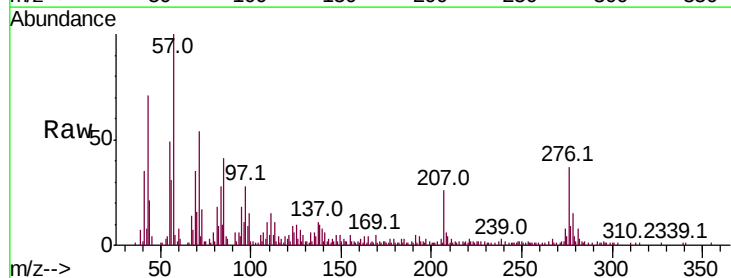
Instrument :
BNA_F
ClientSampleId :
R-1

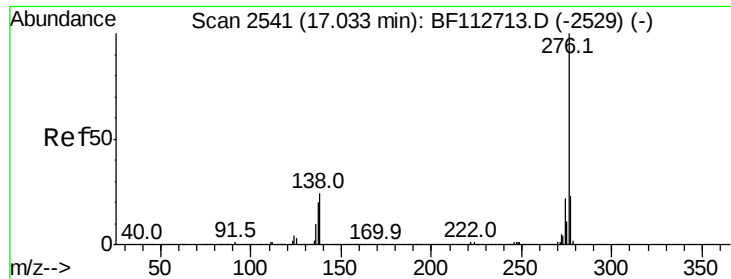
Tot Ion:252 Resp: 55177
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 23.1 10.7 16.1#



#91
Dibenzo(a,h)anthracene
Concen: 0.503 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF112720.D
Acq: 27 Feb 2019 15:42

Tgt Ion:278 Resp: 12935
Ion Ratio Lower Upper
278 100
139 51.8 14.3 21.5#
279 27.4 19.4 29.0





#92
 Benzo(a,h,i)perylene
 Concen: 1.757 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BF112720.D
 Acq: 27 Feb 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :
 R-1

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	27.8	18.6	27.8	
138	26.8	19.4	29.0	

