

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113722.D
 Acq On : 11 Apr 2019 16:06
 Operator : JU/SJ
 Sample : K2343-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:59:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113117	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	422482	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	204567	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	425199	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	344810	20.00	ng	-0.02
87) Perylene-d12	15.23	264	314075	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	774364	116.73	ng	0.00
7) Phenol-d6	6.33	99	901785	110.30	ng	-0.01
23) Nitrobenzene-d5	7.24	82	678655	94.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	357179	145.35	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1275736	100.40	ng	-0.02
79) Terphenyl-d14	12.77	244	1476300	87.17	ng	-0.02

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	2.96	42	108	0.031	ng	# 1
6) Aniline	6.45	93	1081	0.109	ng	# 1
8) 2-Chlorophenol	6.46	128	107	0.014	ng	# 1
9) Benzaldehyde	6.33	77	845	0.174	ng	# 1
10) Phenol	6.45	94	1637	0.175	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	1081	0.149	ng	# 1
15) Benzyl Alcohol	6.83	79	9728	1.760	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1018	0.090	ng	# 63
19) n-Nitroso-di-n-propylamine	7.24	70	86293	17.116	ng	# 78
22) Acetophenone	7.12	105	655	0.071	ng	# 51
24) Nitrobenzene	7.24	77	1503	0.202	ng	# 29
25) Isophorone	7.24	82	678866	48.860	ng	# 64
31) Naphthalene	7.97	128	633	0.031	ng	# 68
38) 1-Methylnaphthalene	9.03	142	391	0.030	ng	# 49
46) 1,1'-Biphenyl	9.13	154	1966	0.116	ng	# 91
48) 2-Nitroaniline	9.03	65	1749	0.447	ng	# 1
50) Dimethylphthalate	9.70	163	47733	3.165	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	25118	7.557	ng	# 27
52) Acenaphthene	9.70	154	588	0.049	ng	# 5
57) 2,4-Dinitrotoluene	9.70	165	25118	6.248	ng	# 24
58) Fluorene	10.49	166	13473	0.976	ng	# 88
63) Azobenzene	10.49	77	1076	0.078	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.49	198	509	0.227	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	8976	0.688	ng	# 42
67) 4-Bromophenyl-phenylether	10.49	248	19831	4.159	ng	# 1
71) Phenanthrene	11.21	178	844	0.040	ng	# 59
72) Anthracene	11.21	178	844	0.039	ng	# 60
74) Di-n-butylphthalate	11.75	149	1856	0.078	ng	# 78
75) Fluoranthene	12.64	202	120	0.005	ng	# 64
77) Benzidine	12.77	184	17423	1.359	ng	# 96
78) Pyrene	12.76	202	4329	0.165	ng	# 67
81) Benzo(a)anthracene	13.82	228	658	0.033	ng	# 51
83) Chrysene	13.82	228	658	0.033	ng	# 49
84) Bis(2-ethylhexyl)phthalate	13.80	149	481	0.037	ng	# 52

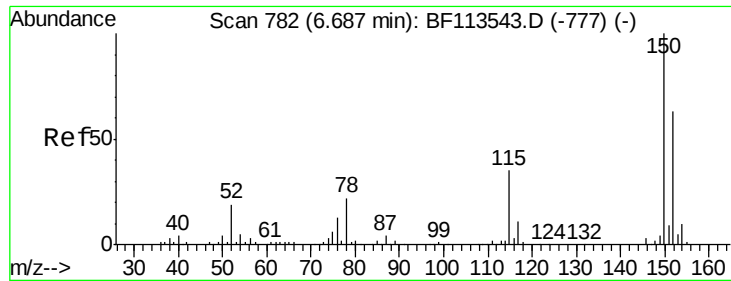
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113722.D
Acq On : 11 Apr 2019 16:06
Operator : JU/SJ
Sample : K2343-08
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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	14.44	149	123	0.006	ng	# 77
90) Benzo(a)pyrene	15.23	252	766	0.045	ng	# 6

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

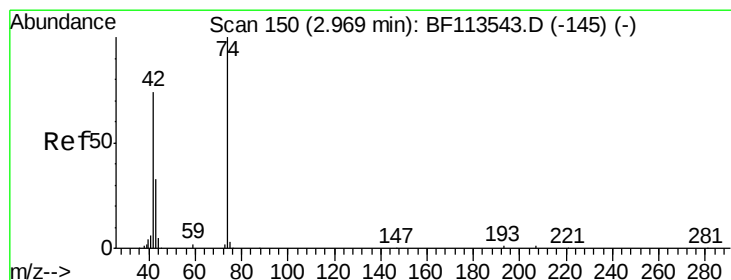
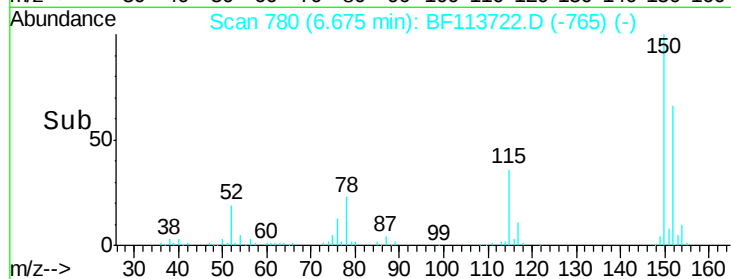
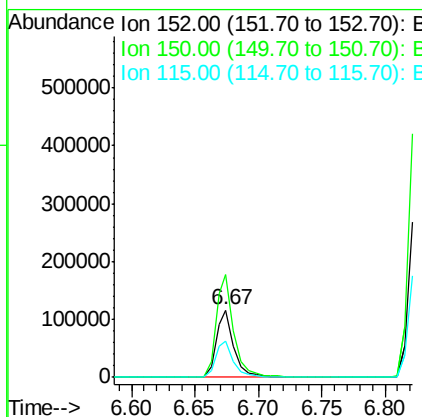
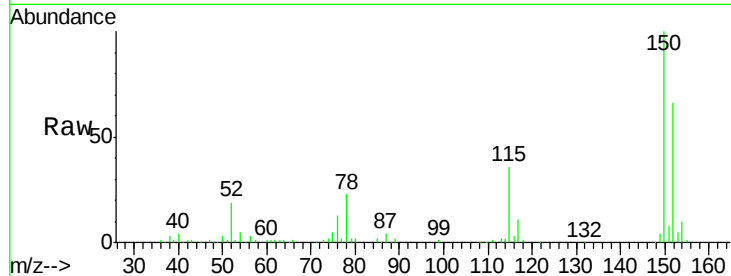


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Instrument :
BNA_F
ClientSampleId :

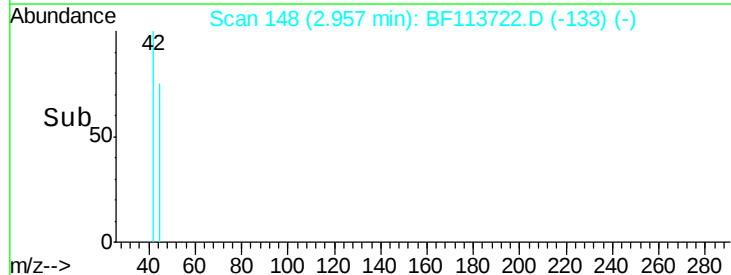
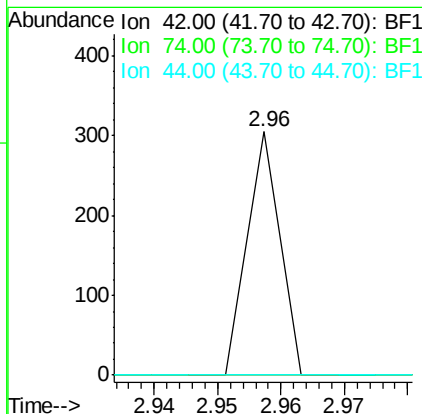
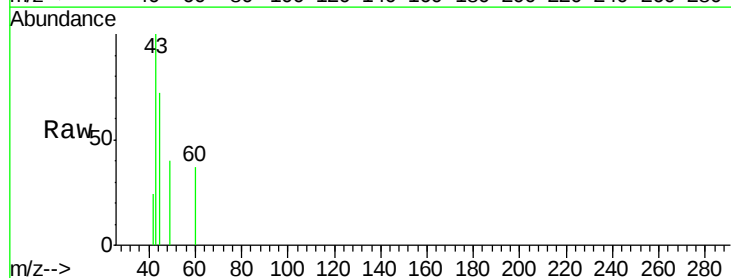
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.7	187.1
115	54.1	46.0	69.0

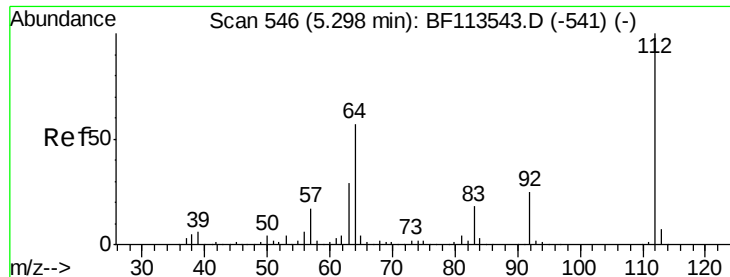


#4

n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 2.96 min Scan# 148
Delta R.T. -0.01 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.4	153.6#
44	0.0	5.5	8.3#





#5

2-Fluorophenol

Concen: 116.735 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

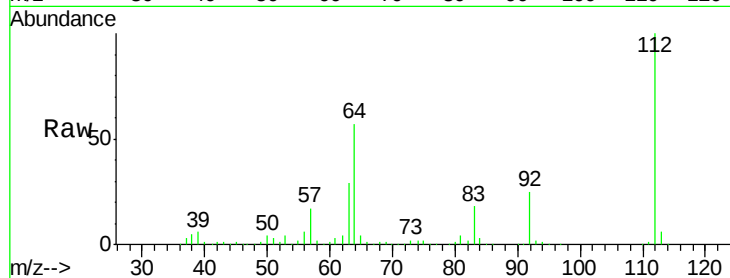
Tot Ion:112 Resp: 774364

Ion Ratio Lower Upper

112 100

64 56.5 49.2 73.8

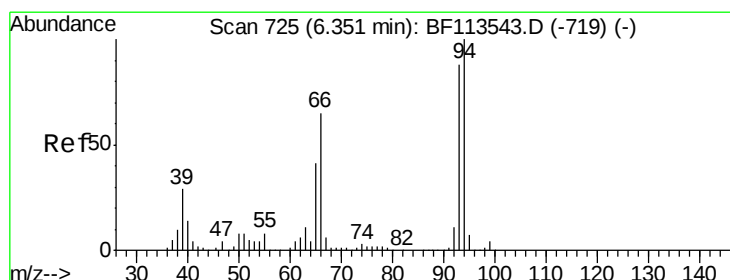
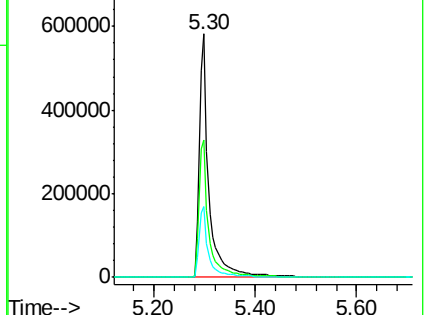
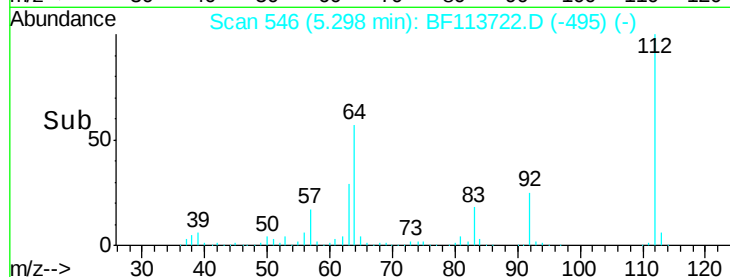
63 28.9 24.9 37.3



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: 0.109 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.10 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

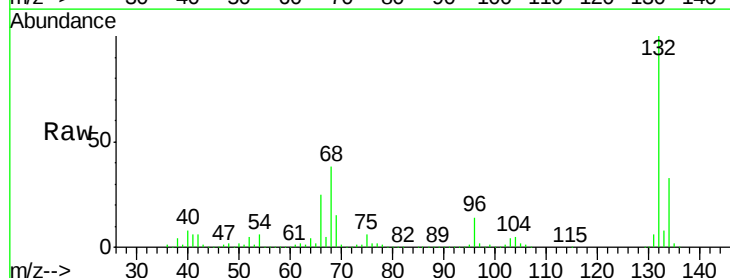
Tgt Ion: 93 Resp: 1081

Ion Ratio Lower Upper

93 100

66 18607.4 62.1 93.1#

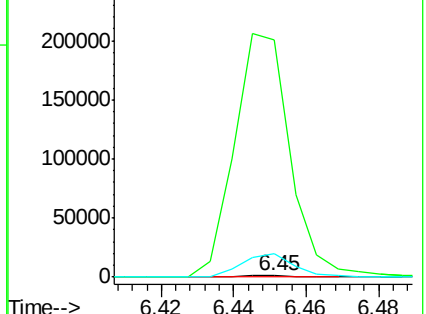
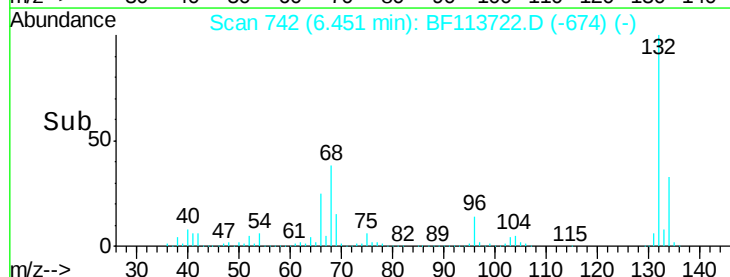
65 1803.7 38.7 58.1#

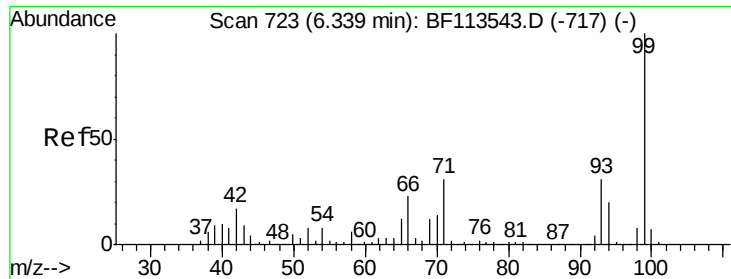


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.298 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

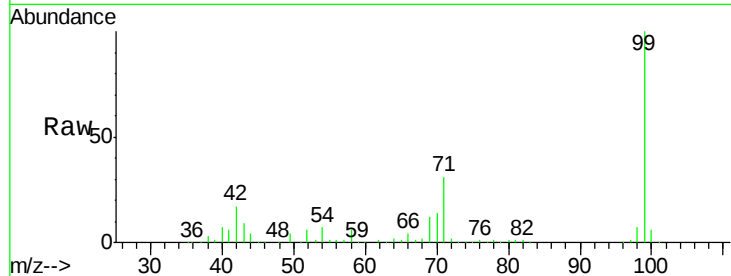
Tot Ion: 99 Resp: 901785

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

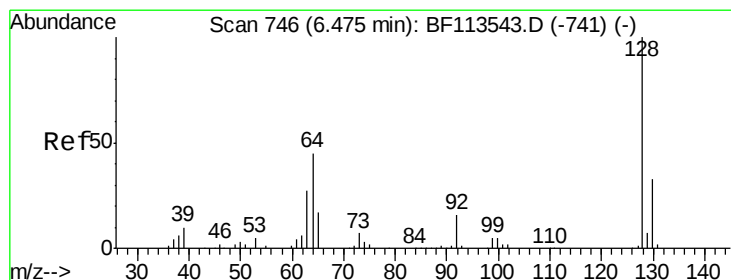
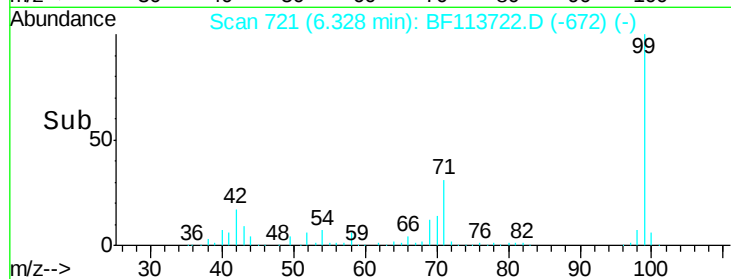
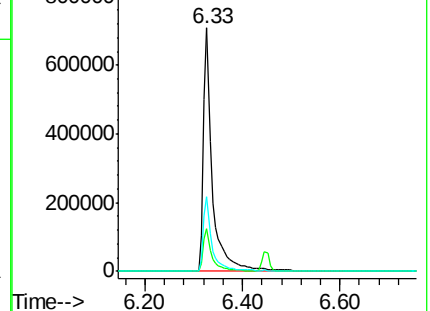
71 30.7 24.9 37.3



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: 0.014 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

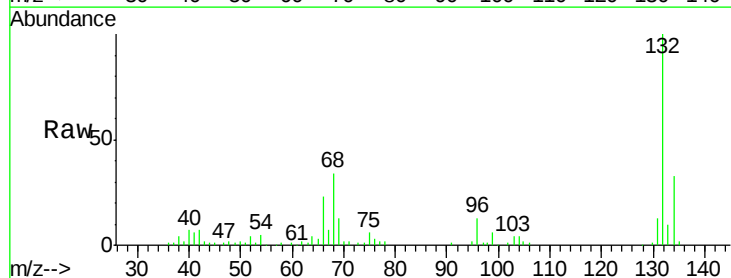
Tgt Ion: 128 Resp: 107

Ion Ratio Lower Upper

128 100

130 170.9 12.6 52.6#

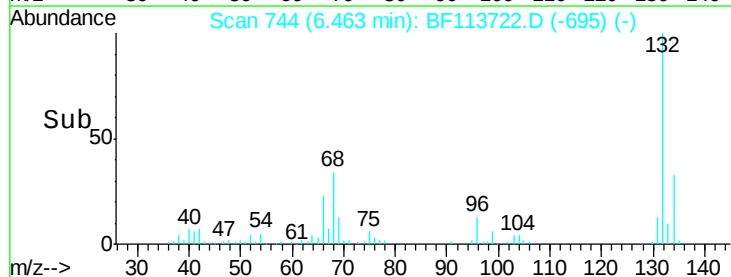
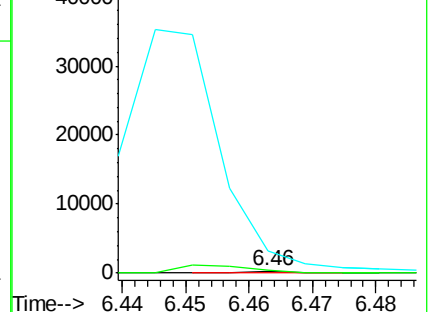
64 1075.8 29.4 69.4#

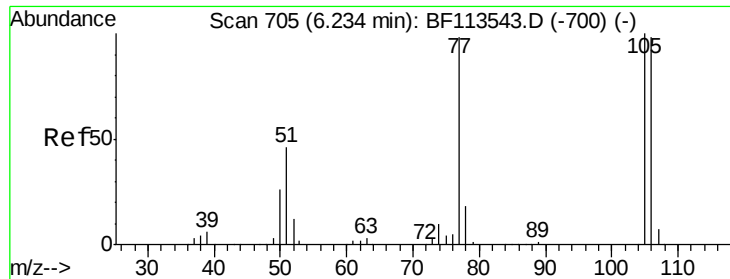


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.174 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.09 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampled :

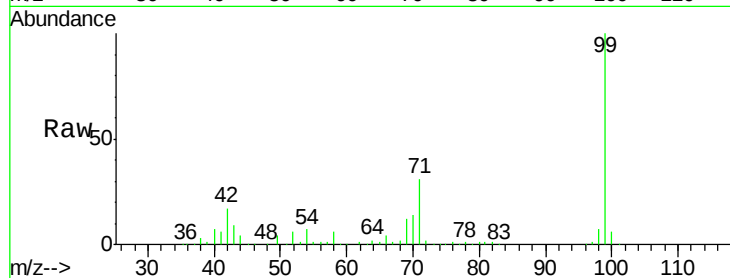
Tot Ion: 77 Resp: 845

Ion Ratio Lower Upper

77 100

105 0.0 80.9 120.9#

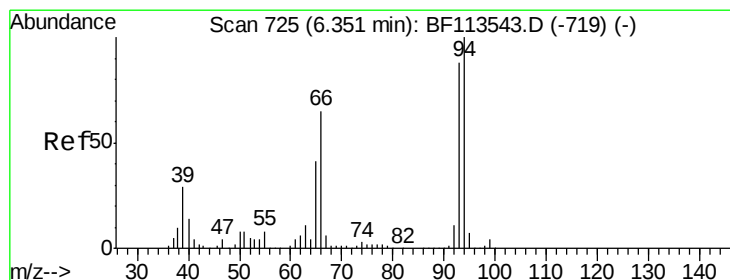
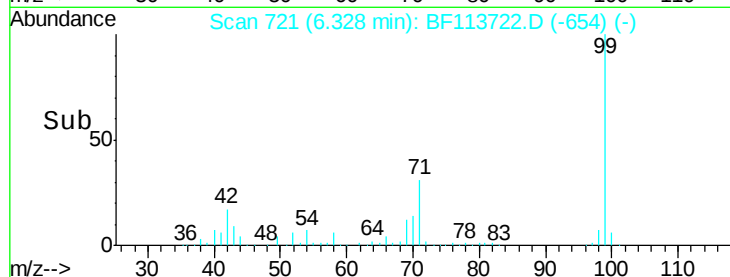
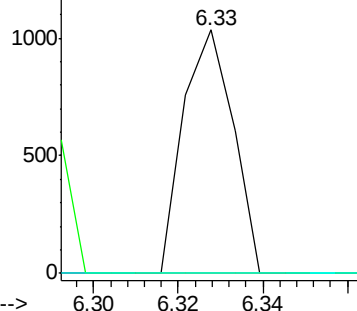
106 0.0 77.8 117.8#



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: 0.175 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.09 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

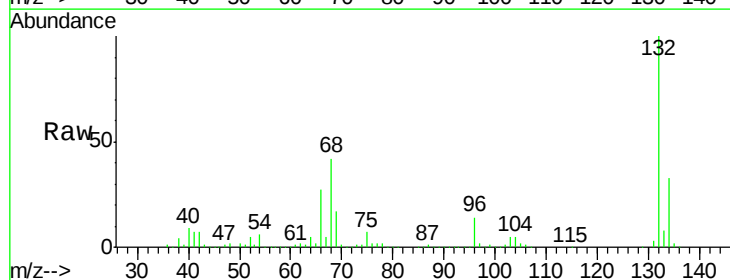
Tgt Ion: 94 Resp: 1637

Ion Ratio Lower Upper

94 100

65 1046.8 21.4 61.4#

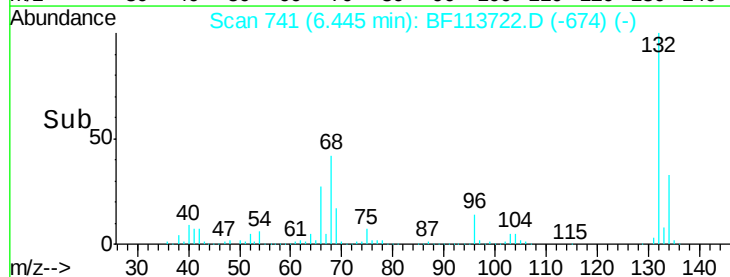
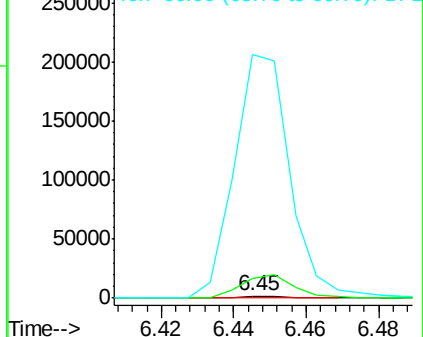
66 12588.9 46.4 86.4#

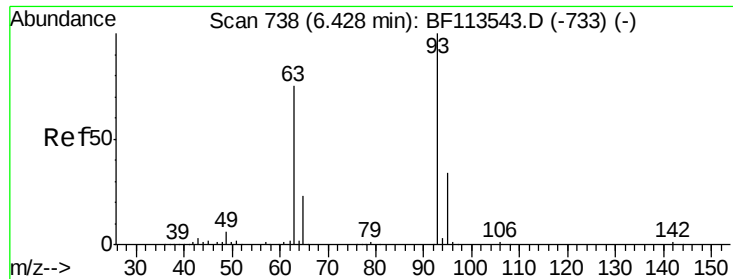


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

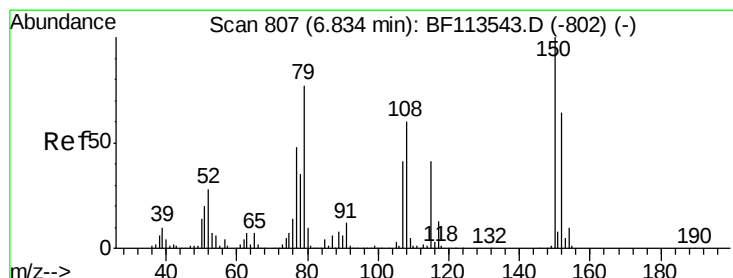
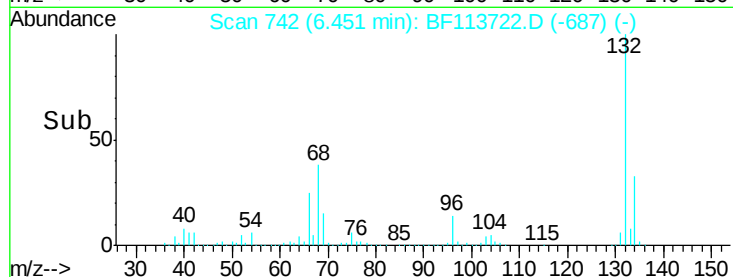
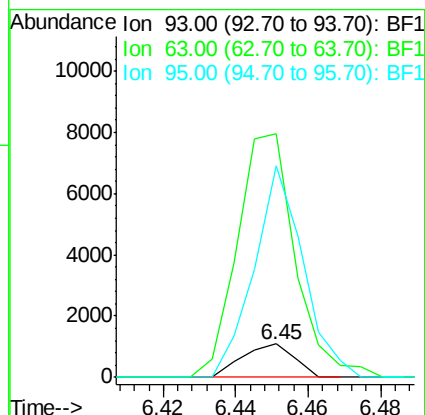
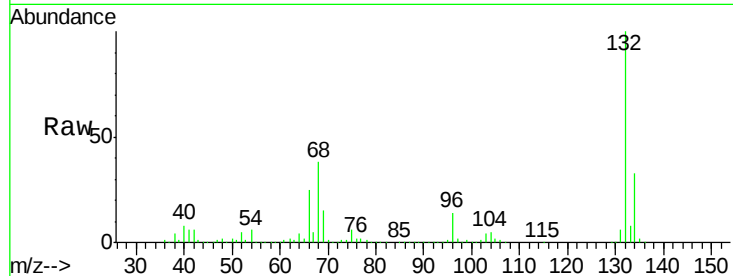




#11
bis(2-Chloroethyl)ether
Concen: 0.149 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

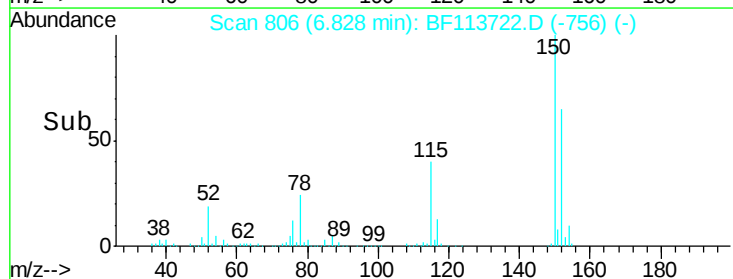
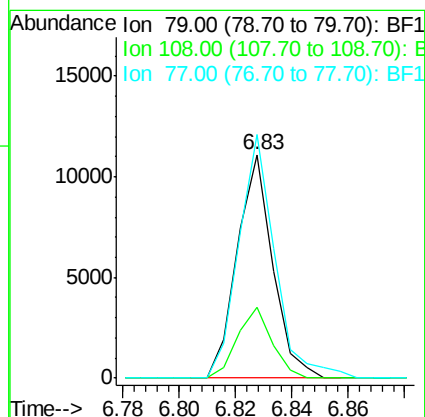
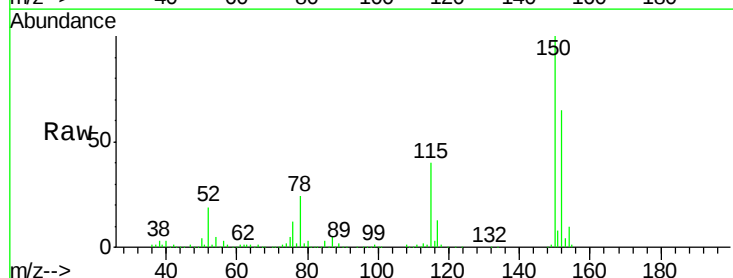
Instrument :
BNA_F
ClientSampleId :

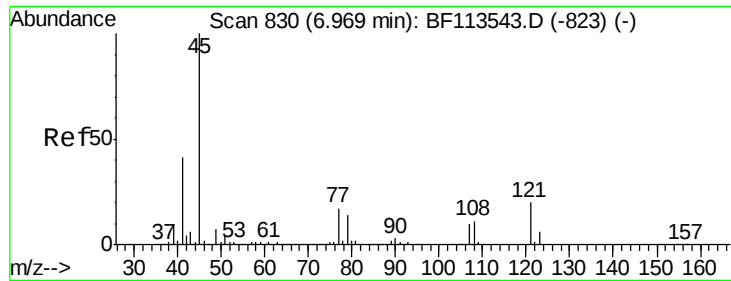
Tot Ion: 93 Resp: 1081
Ion Ratio Lower Upper
93 100
63 736.5 56.1 96.1#
95 638.7 12.8 52.8#



#15
Benzyl Alcohol
Concen: 1.760 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion: 79 Resp: 9728
Ion Ratio Lower Upper
79 100
108 31.7 62.0 93.0#
77 108.9 49.9 74.9#

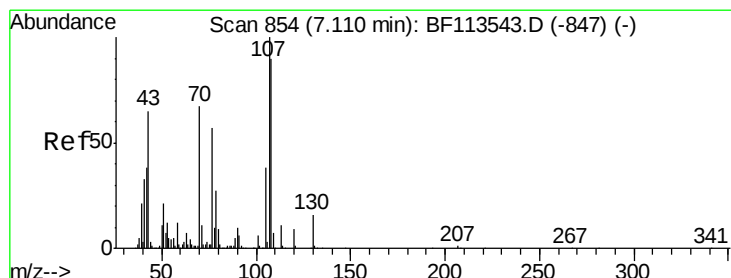
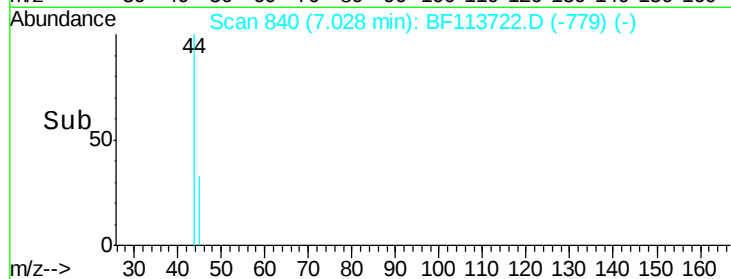
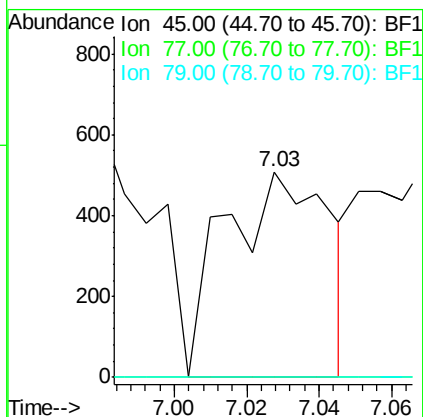
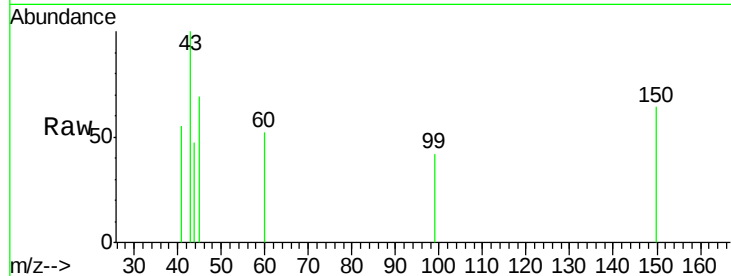




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.090 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.06 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

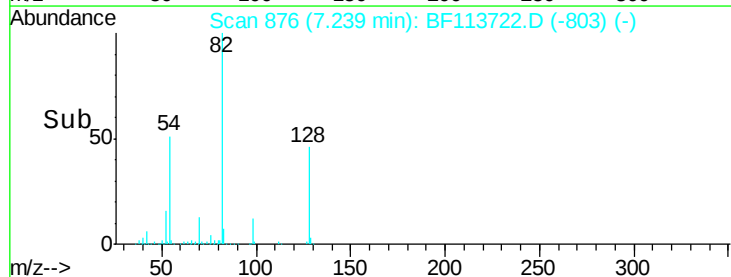
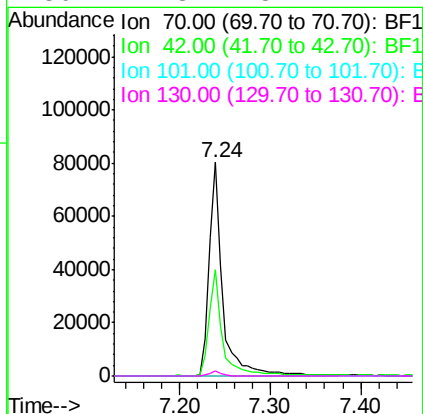
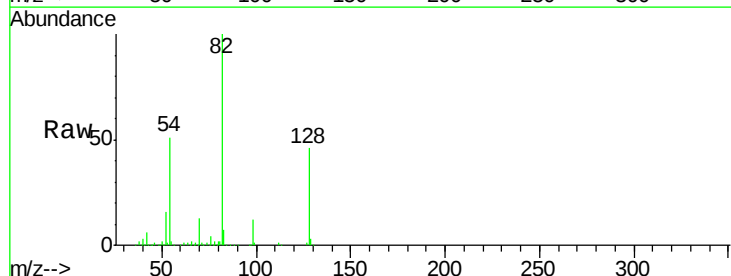
Instrument :
BNA_F
ClientSampleId :

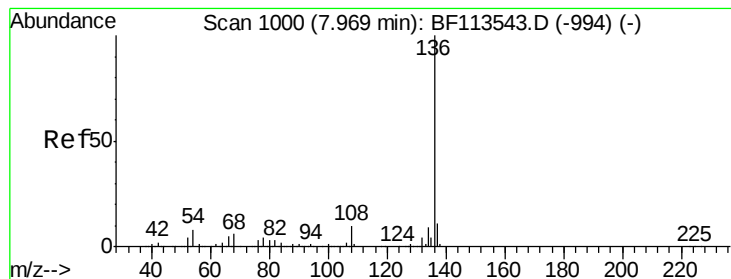
Tot Ion: 45 Resp: 1018
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.6
79 0.0 0.0 34.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.116 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion: 70 Resp: 86293
Ion Ratio Lower Upper
70 100
42 50.0 48.4 72.6
101 0.0 7.8 11.8#
130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 422482

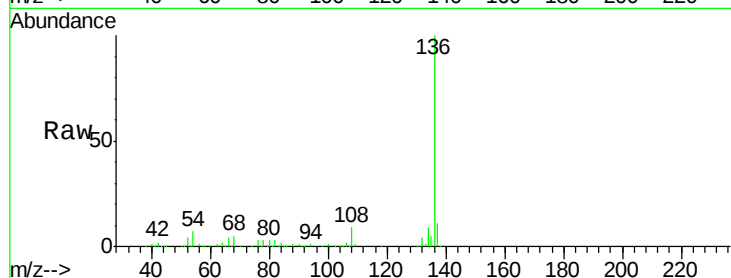
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 7.0 10.6

68 5.3 4.8 7.2

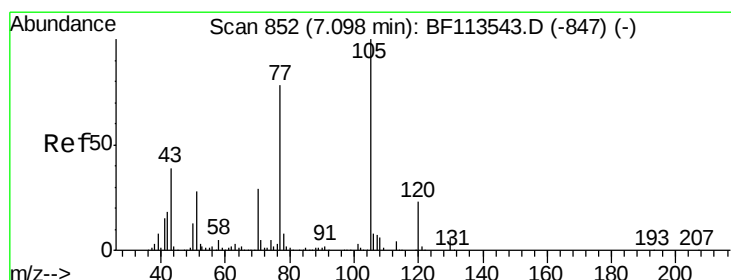
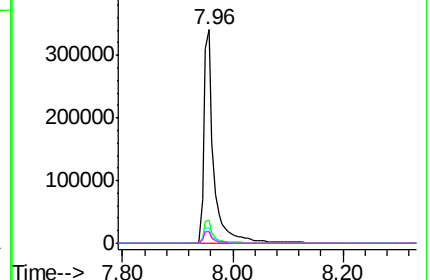
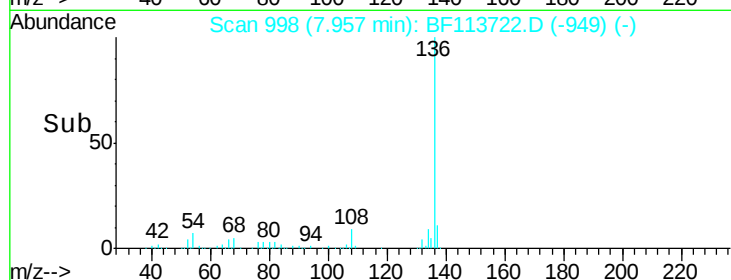


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.071 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.02 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Tgt Ion:105 Resp: 655

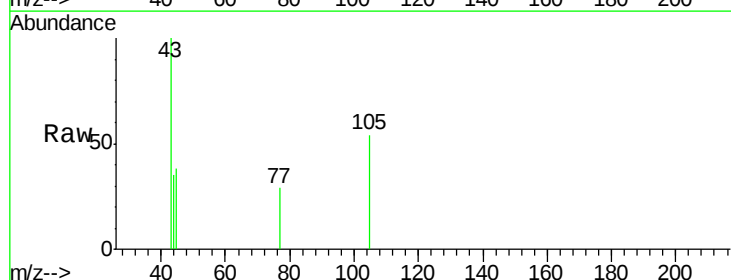
Ion Ratio Lower Upper

105 100

71 0.0 3.3 4.9#

51 0.0 24.2 36.2#

120 0.0 18.1 27.1#

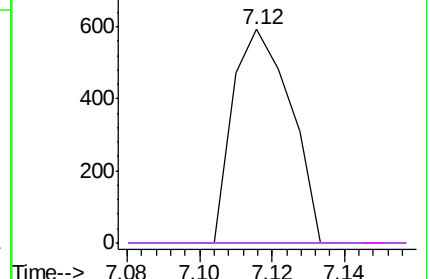
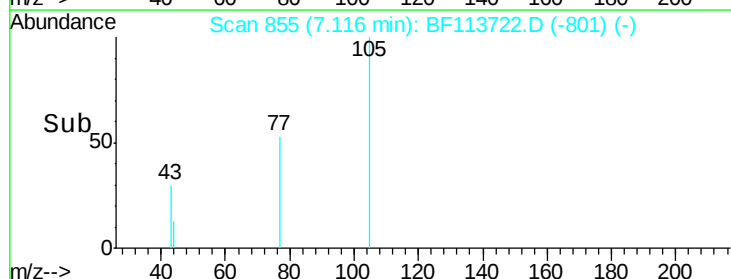


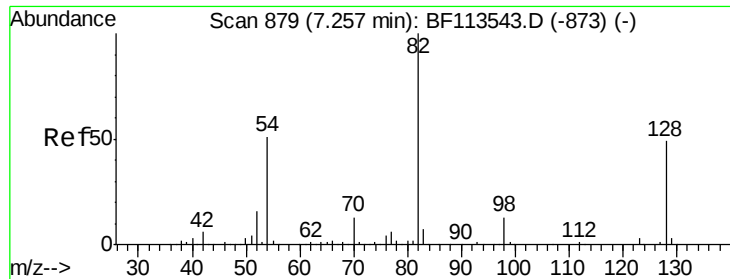
Abundance Ion 105.00 (104.70 to 105.70): E

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

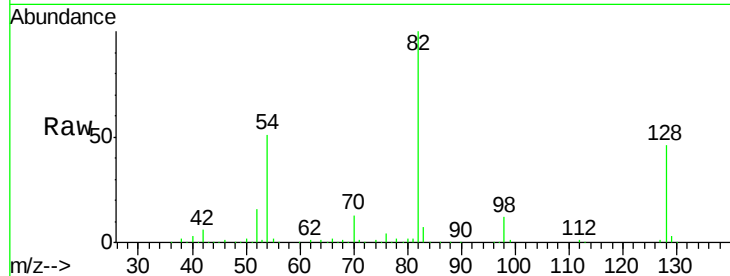




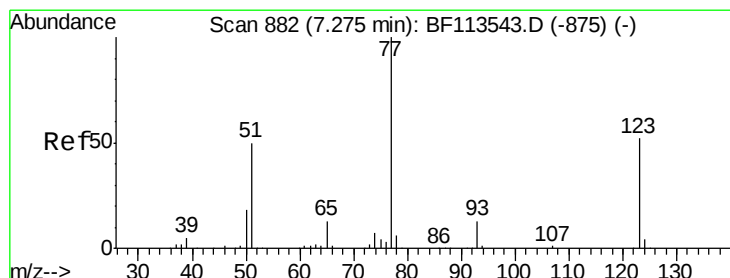
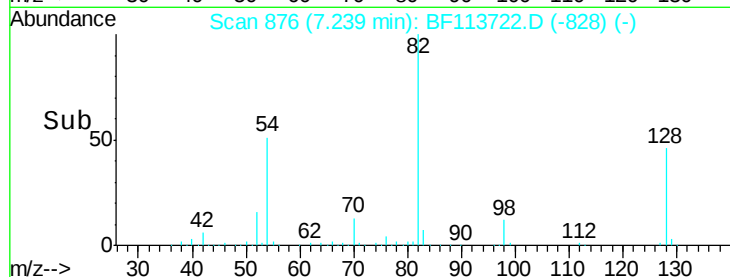
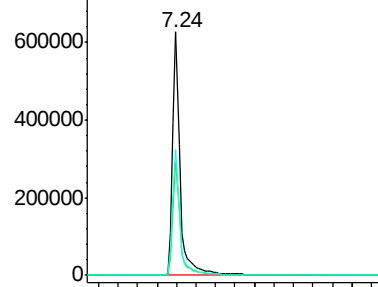
#23
 Nitrobenzene-d5
 Concen: 94.092 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 678655
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.5 54.7
 54 51.5 42.2 63.2

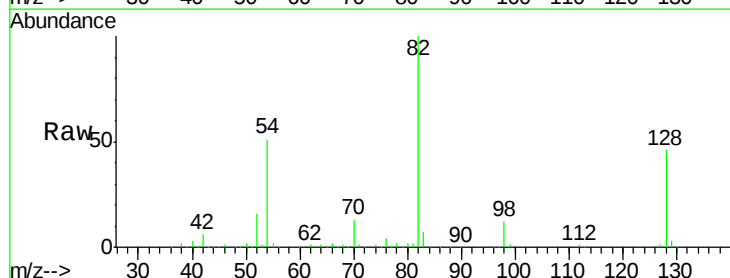


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

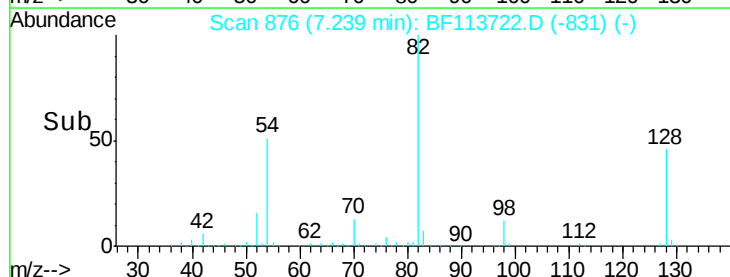
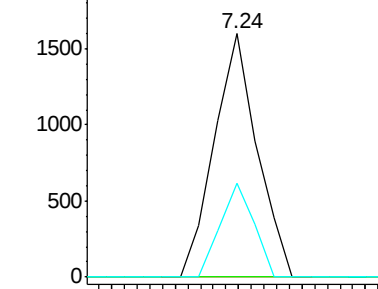


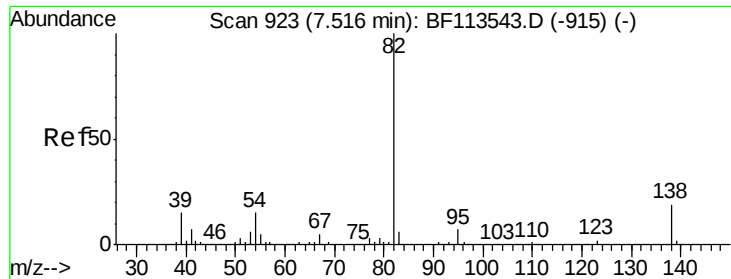
#24
 Nitrobenzene
 Concen: 0.202 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.04 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion: 77 Resp: 1503
 Ion Ratio Lower Upper
 77 100
 123 0.0 40.8 61.2#
 65 38.7 10.6 16.0#



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: 48.860 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

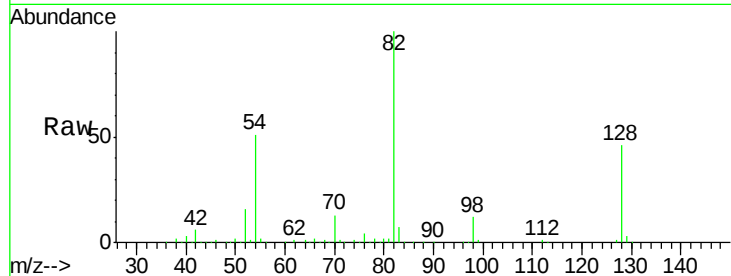
Tot Ion: 82 Resp: 678866

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

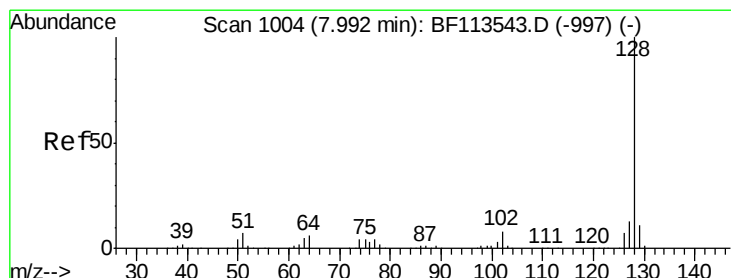
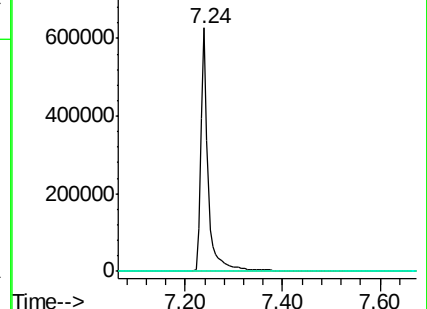
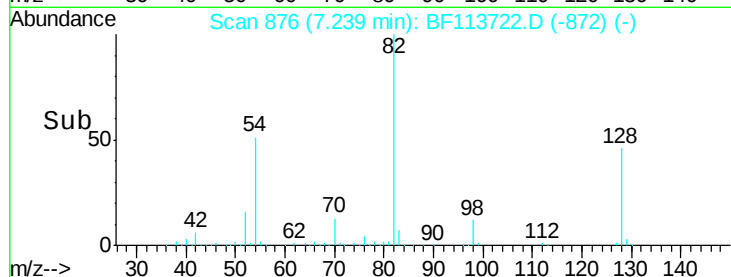
138 0.0 15.2 22.8#



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



#31

Naphthalene

Concen: 0.031 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

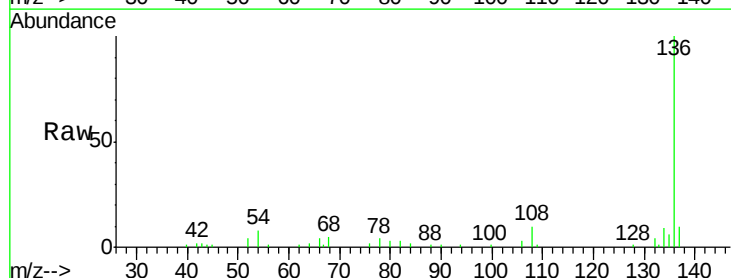
Tgt Ion: 128 Resp: 633

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

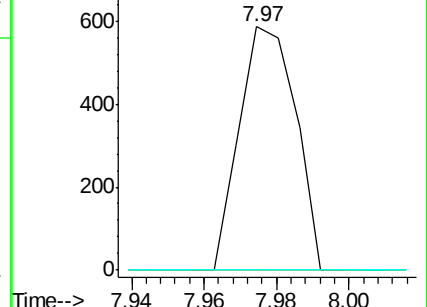
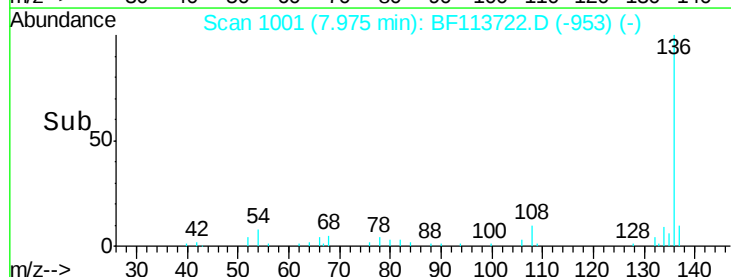
127 0.0 10.9 16.3#

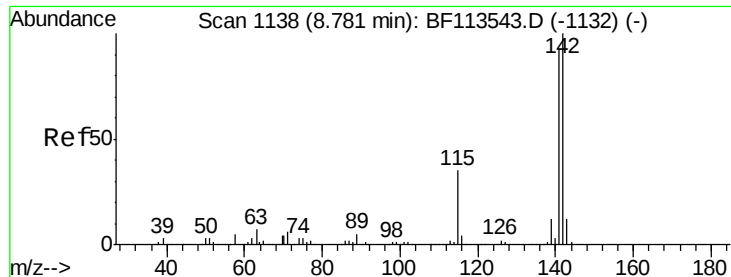


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

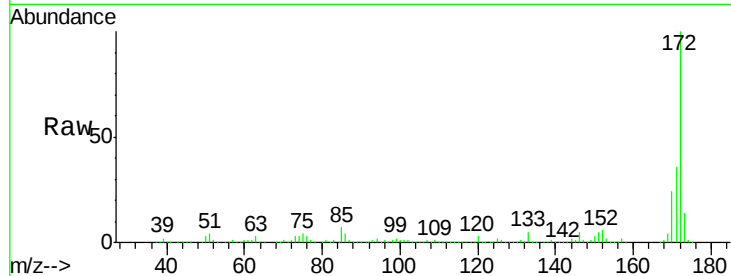




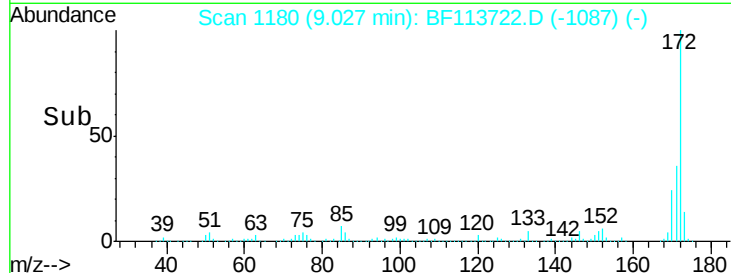
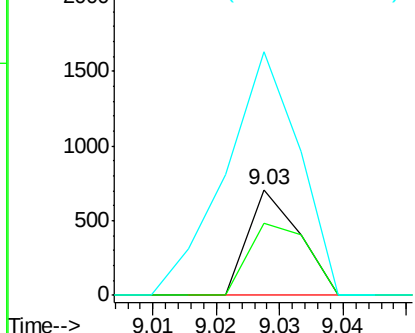
#38
 1-Methylnaphthalene
 Concen: 0.030 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.25 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 391
 Ion Ratio Lower Upper
 142 100
 141 68.1 73.2 109.8#
 116 231.1 3.0 4.4#

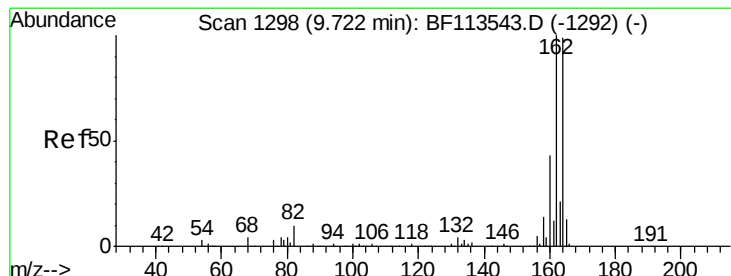


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

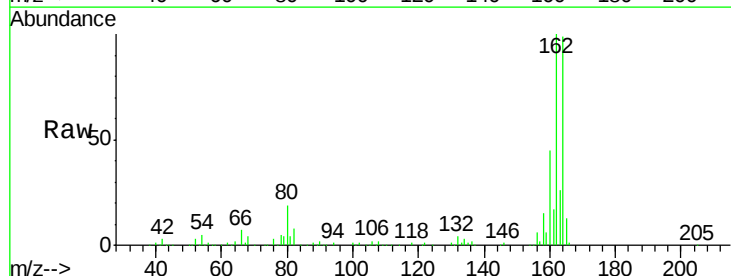
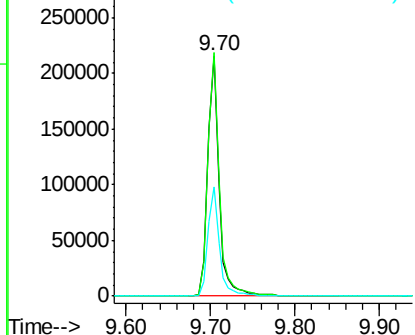


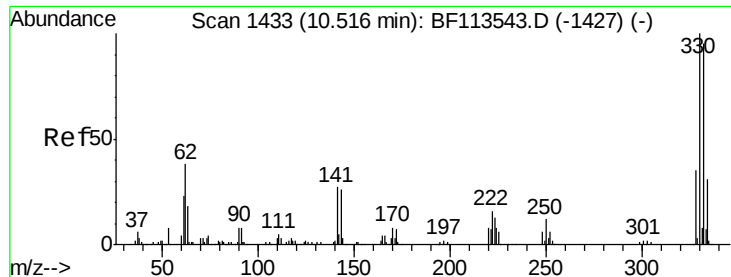
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion:164 Resp: 204567
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.8 122.6
 160 45.4 36.4 54.6



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

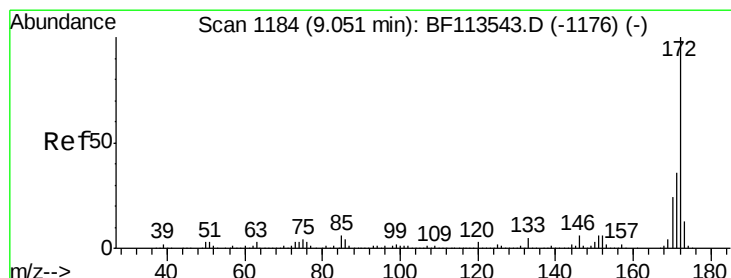
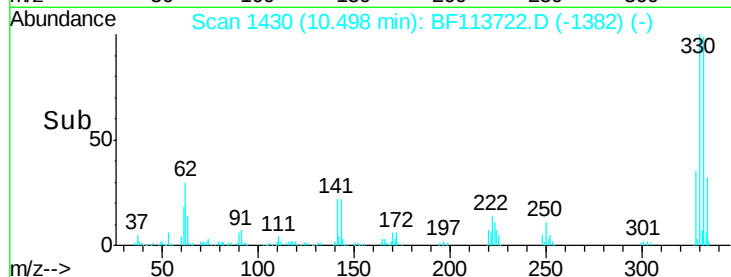
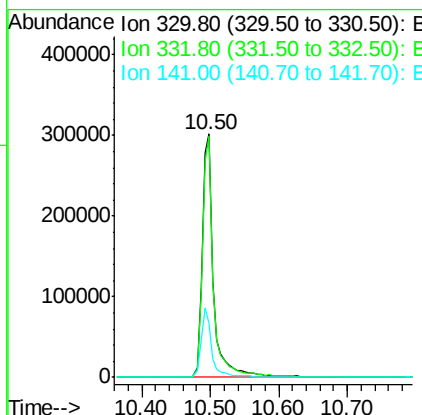
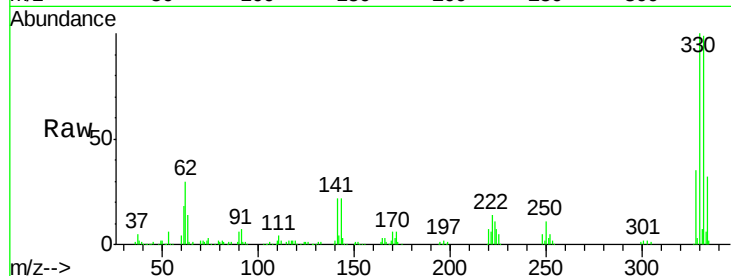




#42
 2,4,6-Tribromophenol
 Concen: 145.351 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

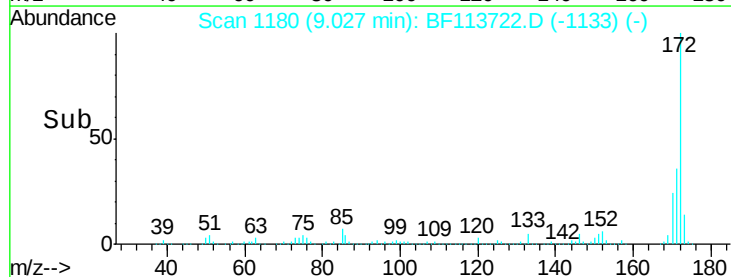
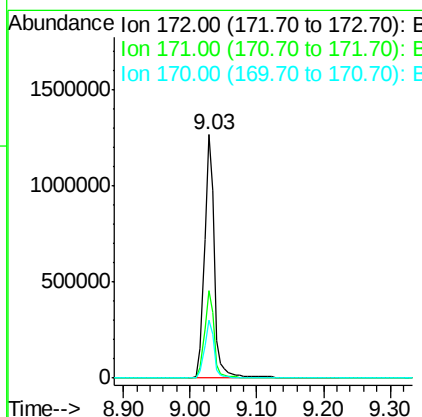
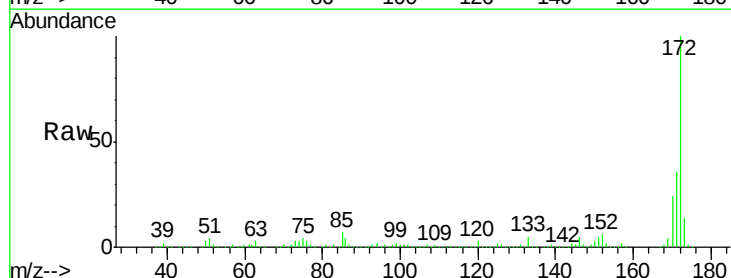
Instrument :
 BNA_F
 ClientSampleId :

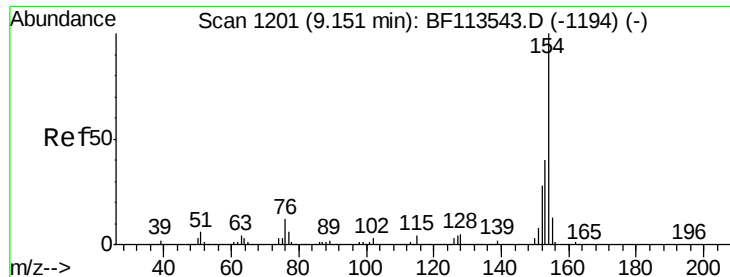
Tot Ion:330 Resp: 357179
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.8 116.6
 141 27.4 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 100.397 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion:172 Resp: 1275736
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.1 19.5 29.3

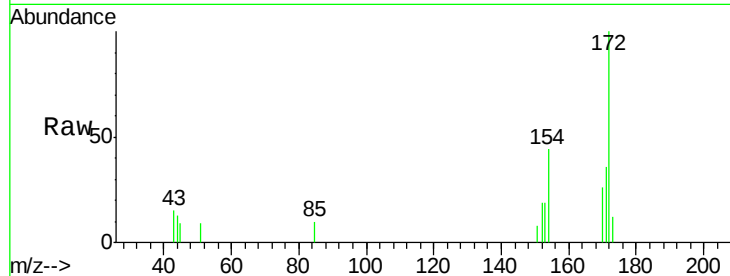




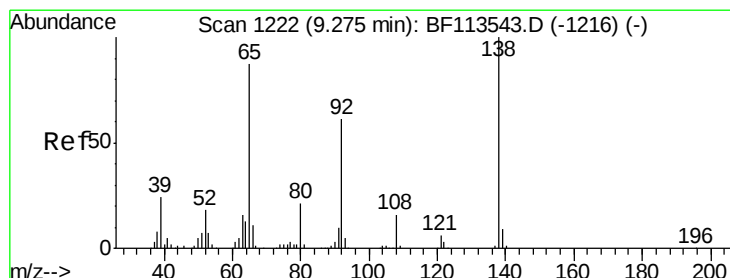
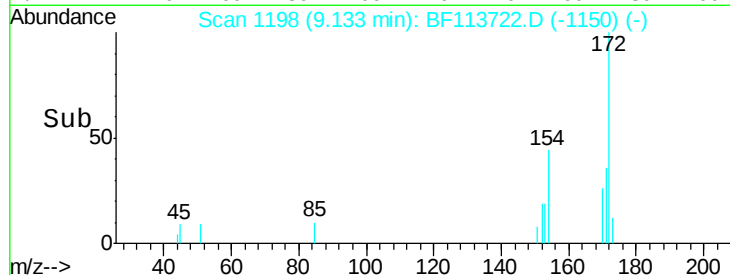
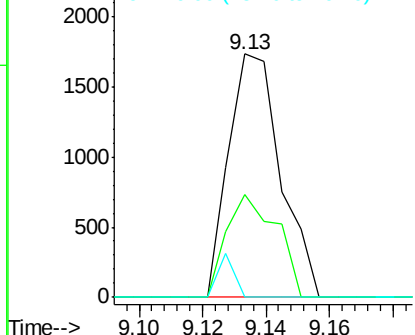
#46
 1,1'-Biphenyl
 Concen: 0.116 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1966
 Ion Ratio Lower Upper
 154 100
 153 42.3 20.8 60.8
 76 0.0 0.0 31.9

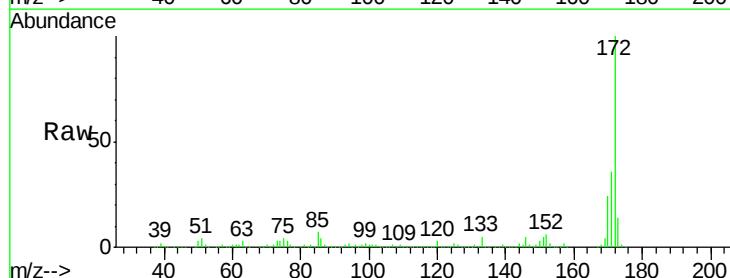


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

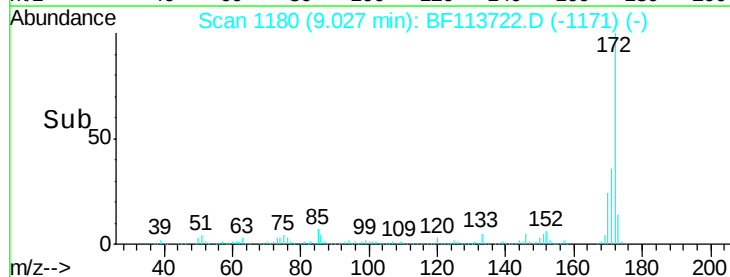
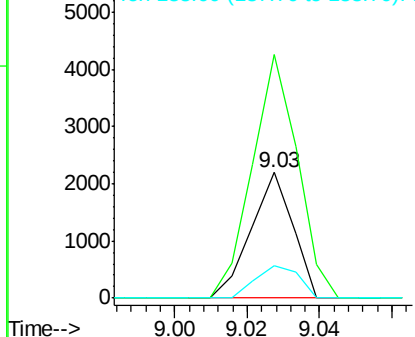


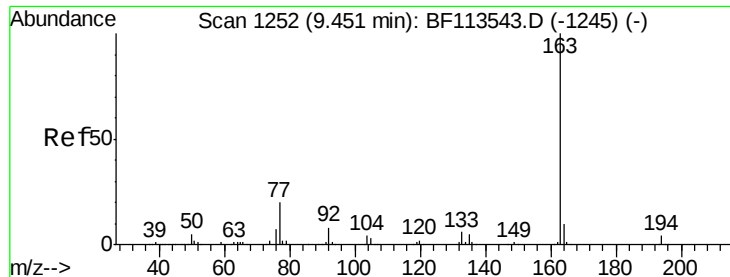
#48
 2-Nitroaniline
 Concen: 0.447 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.25 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion: 65 Resp: 1749
 Ion Ratio Lower Upper
 65 100
 92 194.1 56.8 85.2#
 138 25.5 92.3 138.5#



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

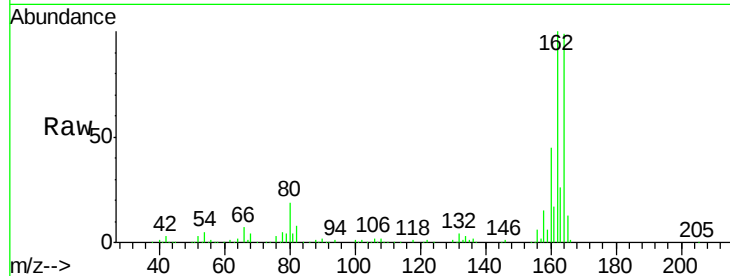




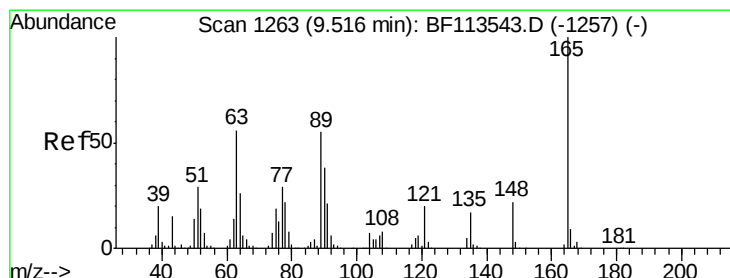
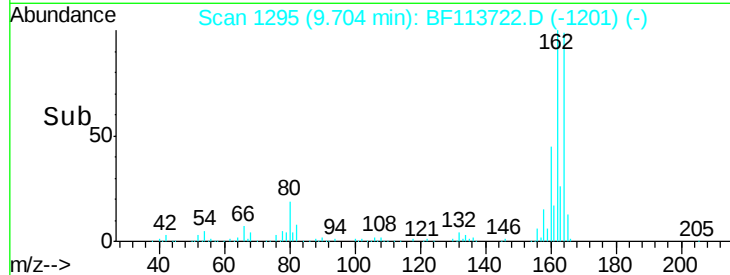
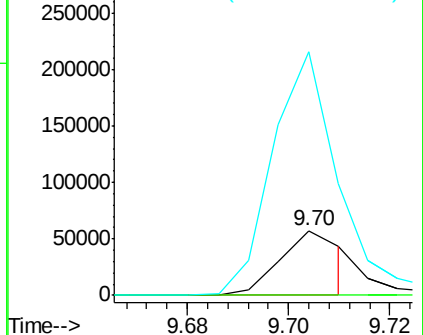
#50
Dimethylphthalate
Concen: 3.165 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.25 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 47733
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 374.9 8.1 12.1#

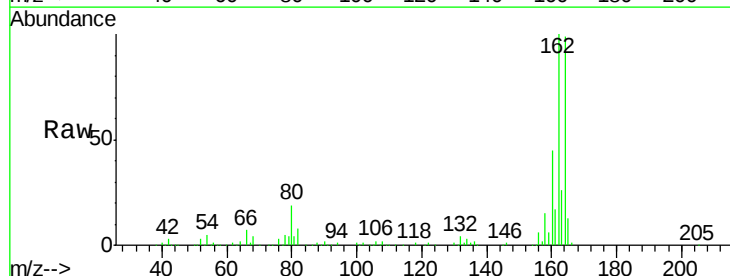


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

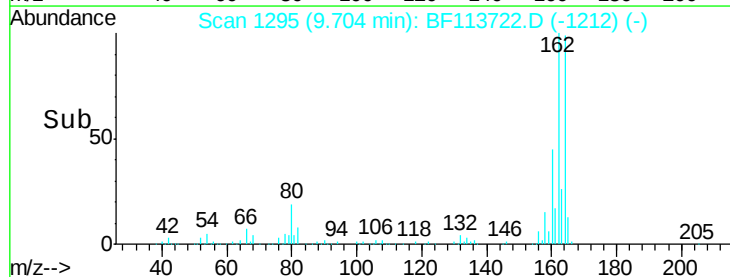
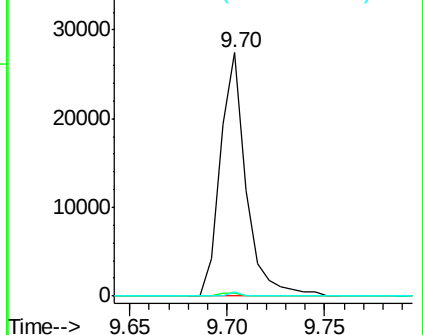


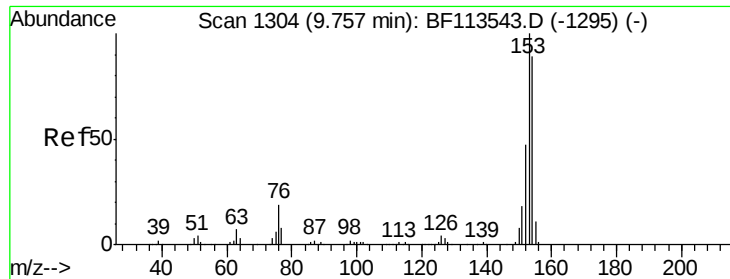
#51
2,6-Dinitrotoluene
Concen: 7.557 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion:165 Resp: 25118
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 1.9 43.1 64.7#



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: 0.049 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.05 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

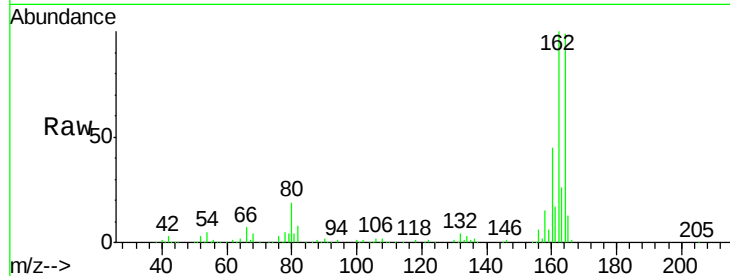
Tot Ion:154 Resp: 588

Ion Ratio Lower Upper

154 100

153 0.0 89.5 134.3#

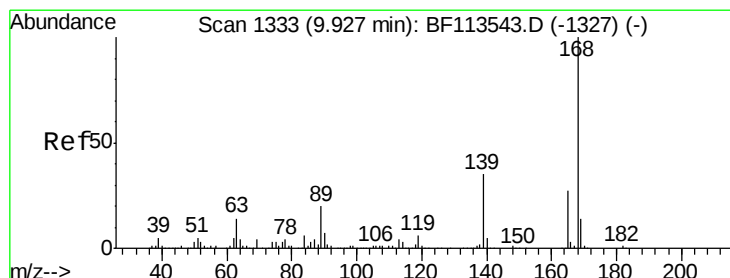
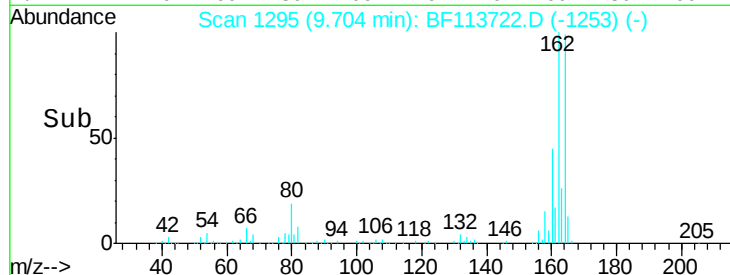
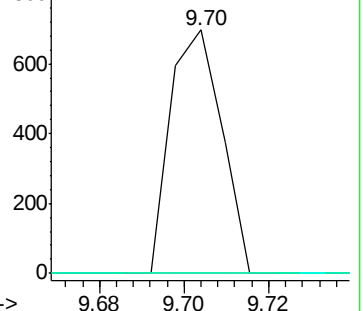
152 0.0 43.3 64.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 6.248 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Tgt Ion:165 Resp: 25118

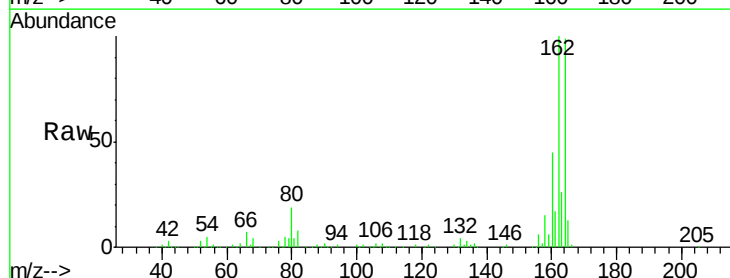
Ion Ratio Lower Upper

165 100

63 1.4 37.5 56.3#

89 1.9 57.4 86.2#

182 0.0 2.0 3.0#

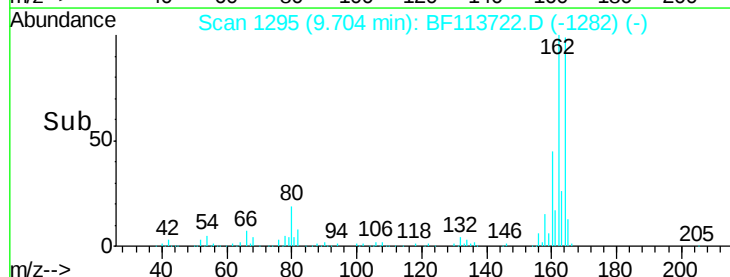
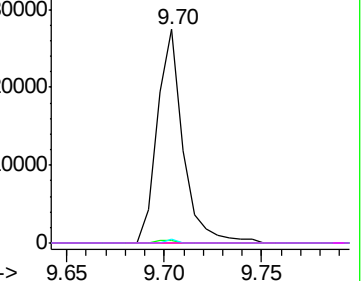


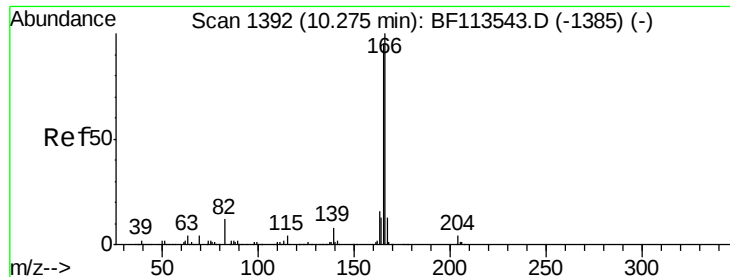
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.976 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.22 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

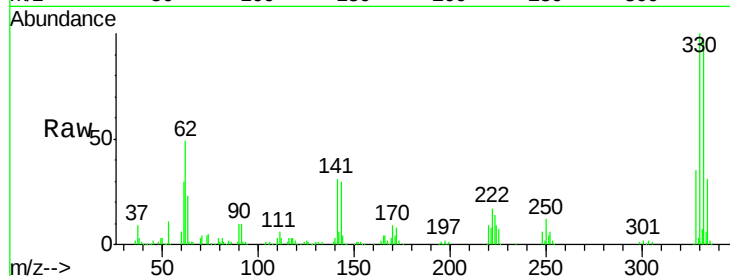
Tot Ion:166 Resp: 13473

Ion Ratio Lower Upper

166 100

165 100.4 76.2 114.2

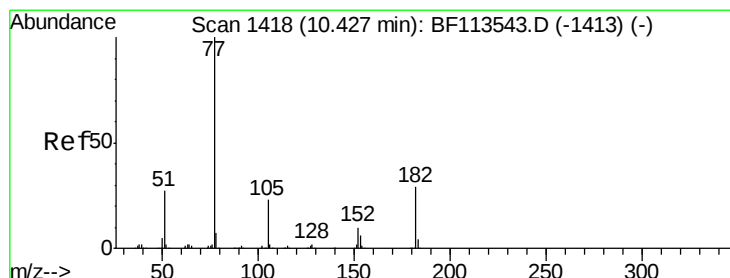
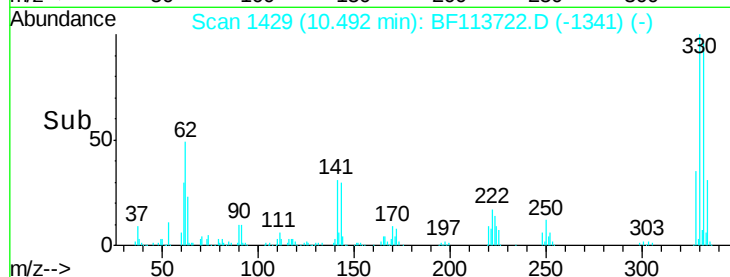
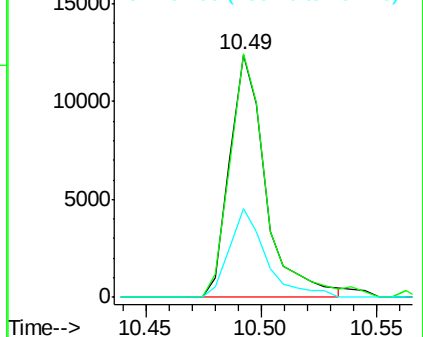
167 36.5 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.078 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.06 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Tgt Ion: 77 Resp: 1076

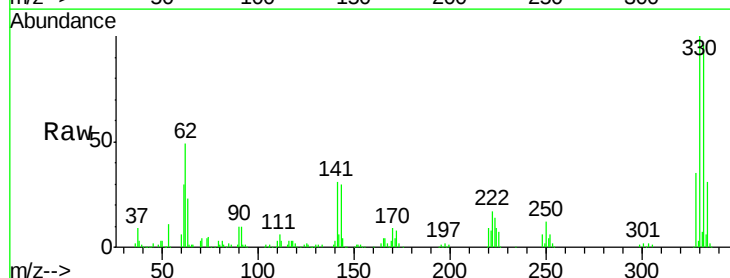
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 81.7 2.9 42.9#

51 95.5 8.8 48.8#

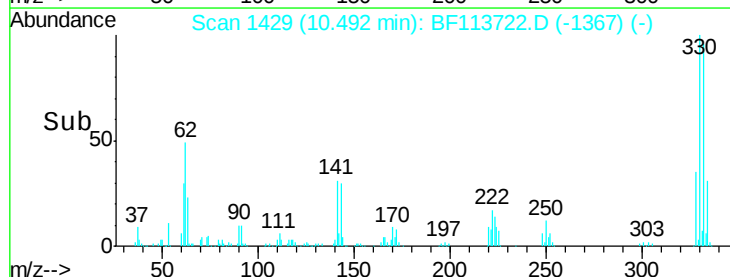
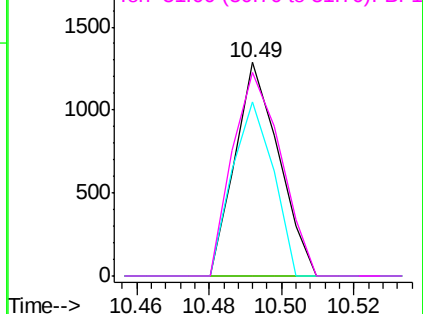


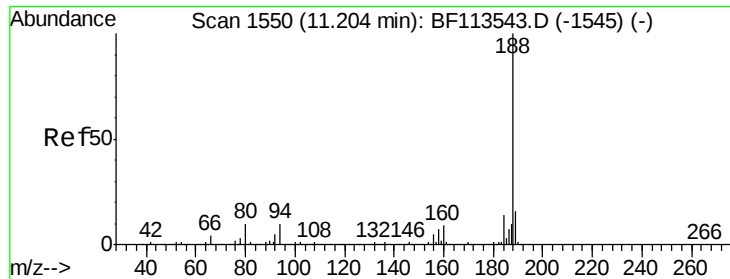
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

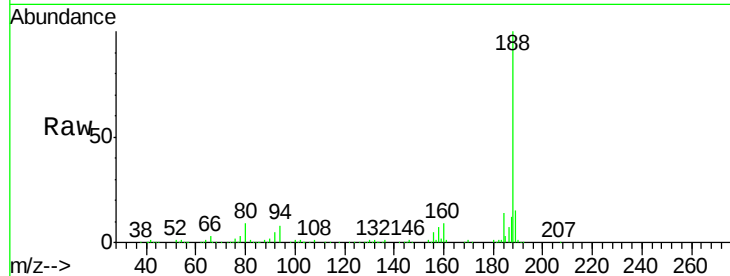
Tot Ion:188 Resp: 425199

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.2 7.7 11.5

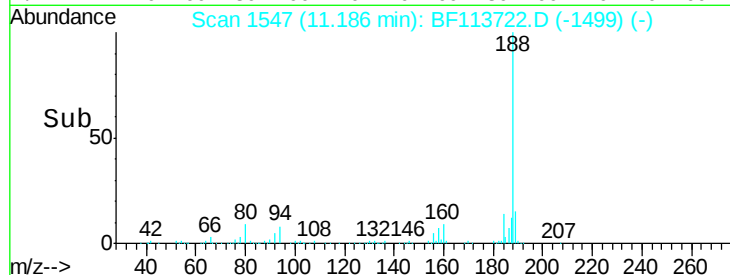


Abundance Ion 188.00 (187.70 to 188.70): E

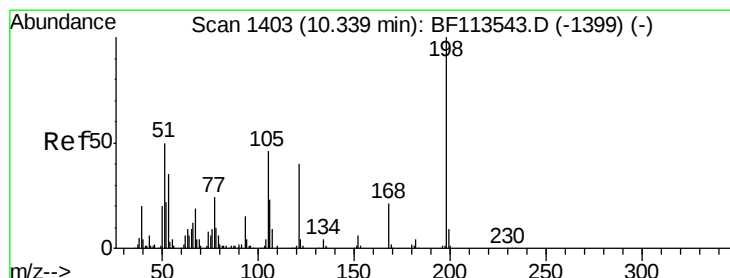
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 0.227 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.15 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

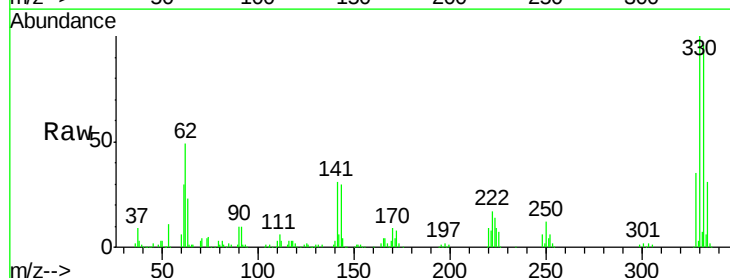
Tgt Ion:198 Resp: 509

Ion Ratio Lower Upper

198 100

51 214.1 21.6 61.6#

105 183.3 20.6 60.6#

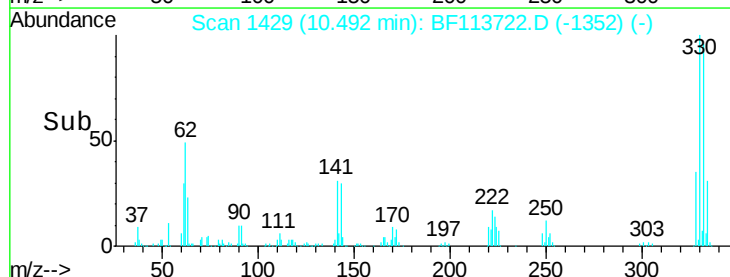


Abundance Ion 198.00 (197.70 to 198.70): E

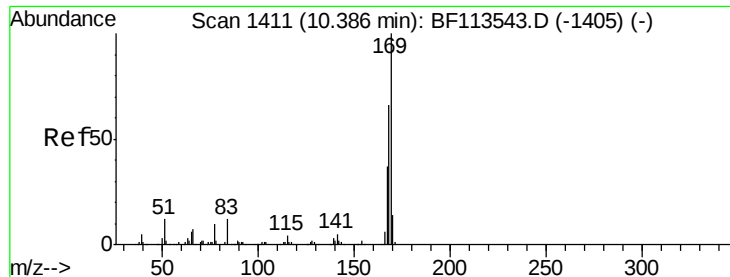
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



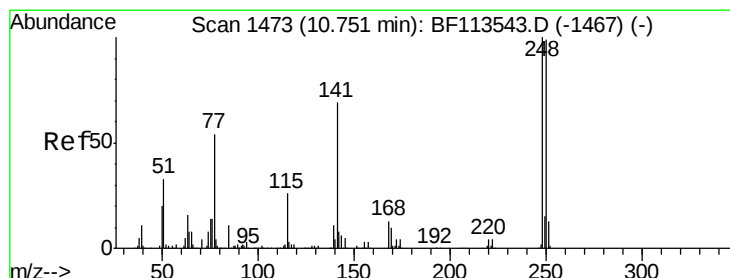
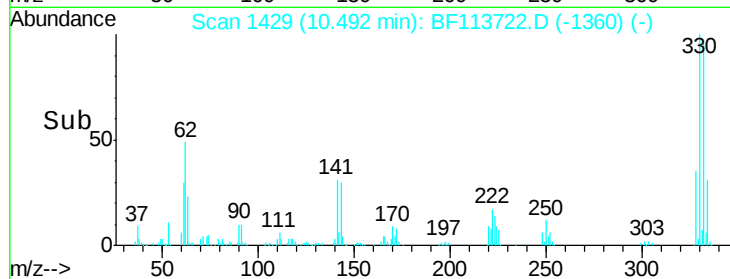
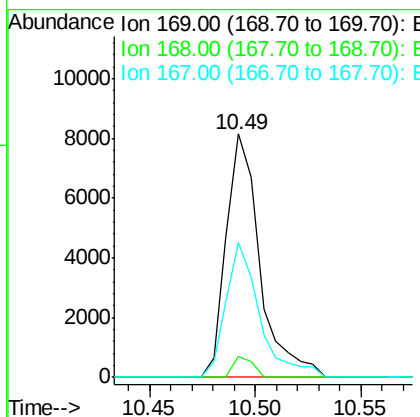
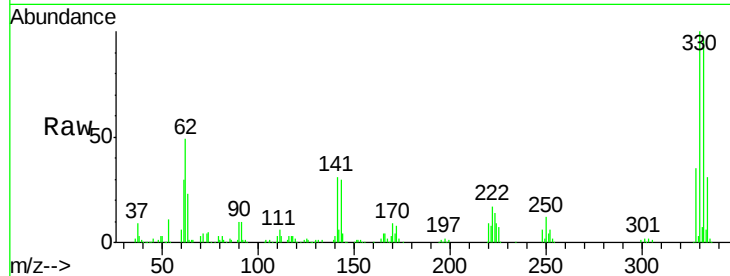
Time-->



#66
 n-Nitrosodiphenylamine
 Concen: 0.688 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.11 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

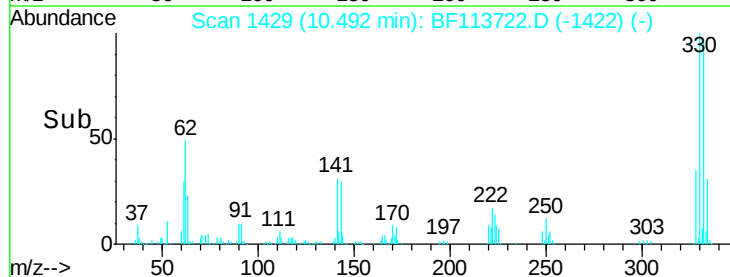
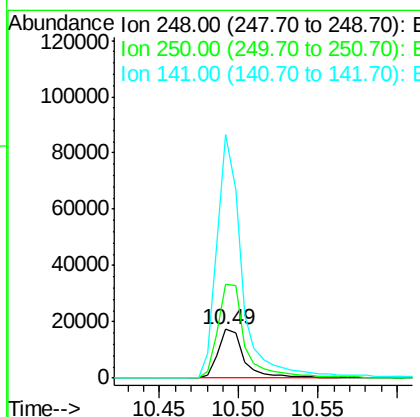
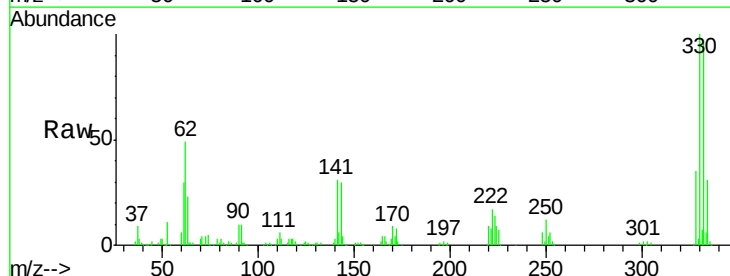
Instrument :
 BNA_F
 ClientSampleId :

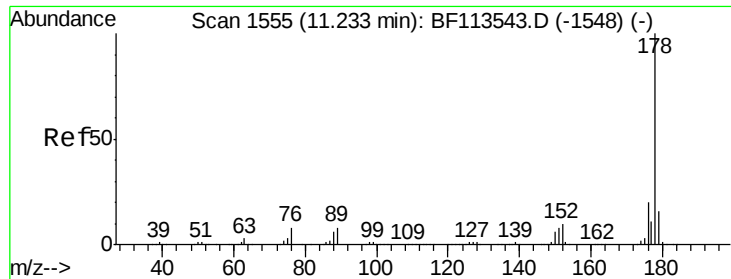
Tot Ion:169 Resp: 8976
 Ion Ratio Lower Upper
 169 100
 168 8.4 53.7 80.5#
 167 55.5 29.5 44.3#



#67
 4-Bromophenyl-phenylether
 Concen: 4.159 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.26 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion:248 Resp: 19831
 Ion Ratio Lower Upper
 248 100
 250 192.0 78.3 117.5#
 141 500.3 56.2 84.4#

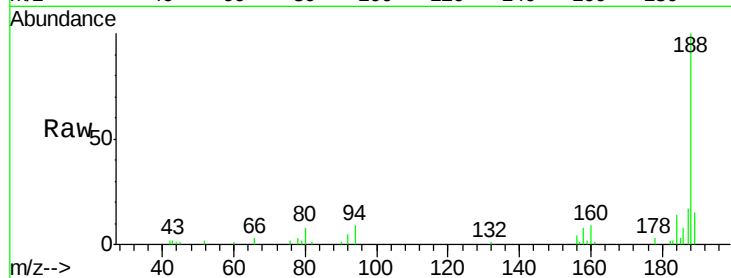




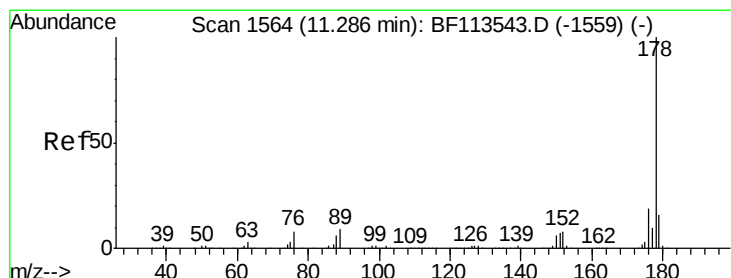
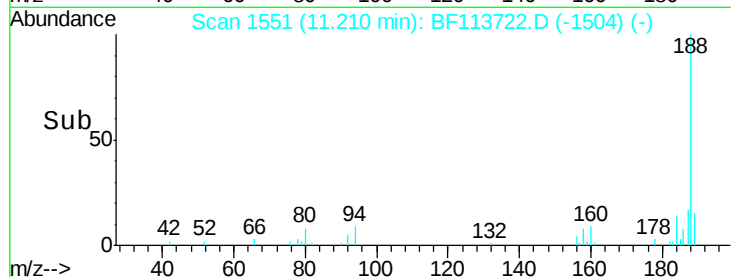
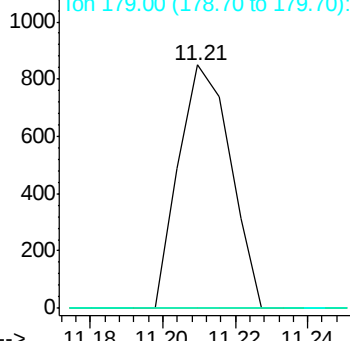
#71
 Phenanthrene
 Concen: 0.040 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 844
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.2#
 179 0.0 12.7 19.1#

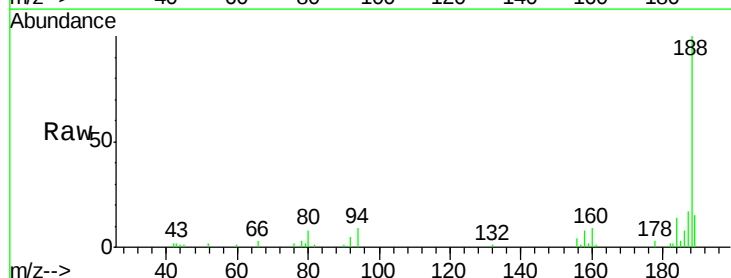


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

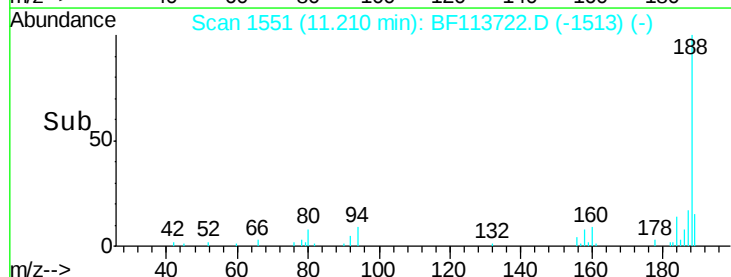
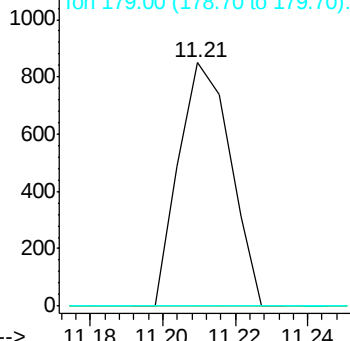


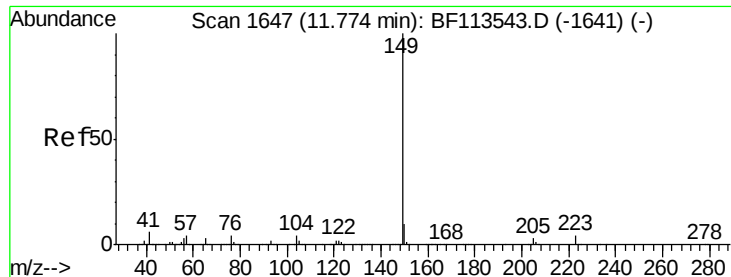
#72
 Anthracene
 Concen: 0.039 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.08 min
 Lab File: BF113722.D
 Acq: 11 Apr 2019 16:06

Tgt Ion:178 Resp: 844
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.4 23.2#
 179 0.0 12.8 19.2#



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





#74

Di-n-butylphthalate

Concen: 0.078 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

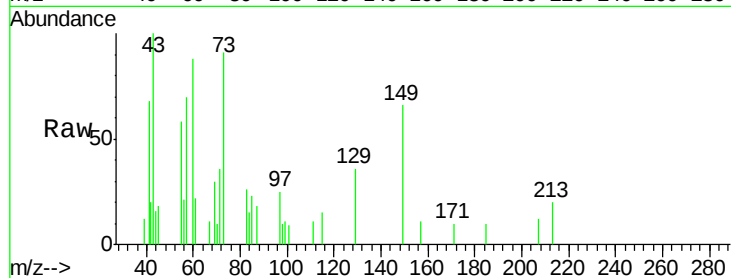
Tot Ion:149 Resp: 1856

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

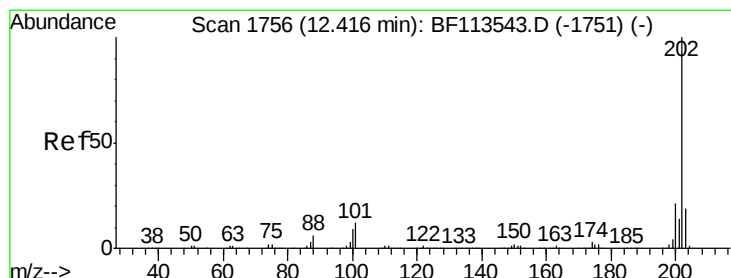
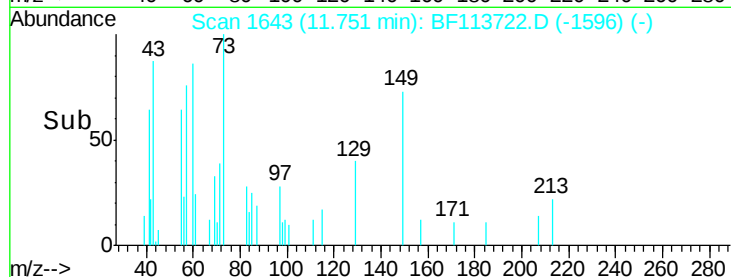
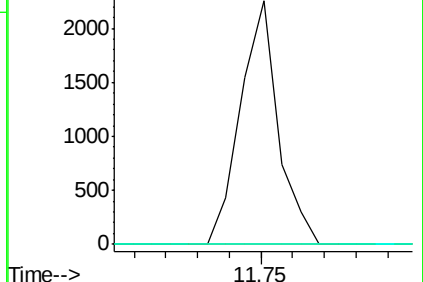
104 0.0 3.7 5.5#



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: 0.005 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.23 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

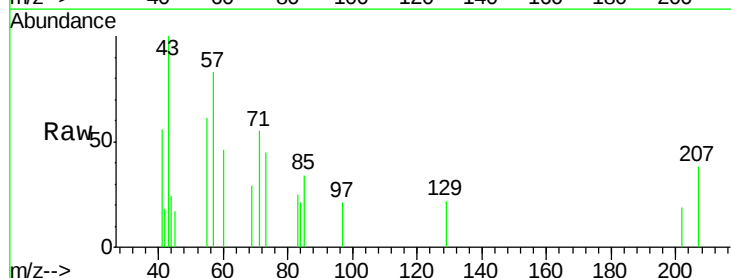
Tgt Ion:202 Resp: 120

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.4

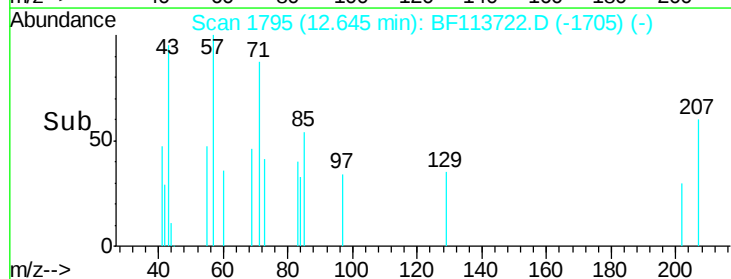
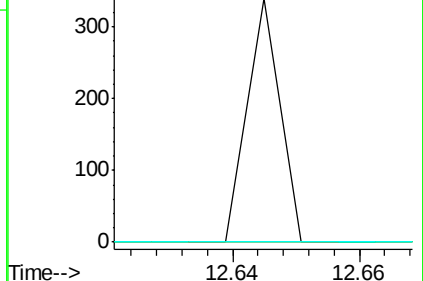
203 0.0 0.0 38.0

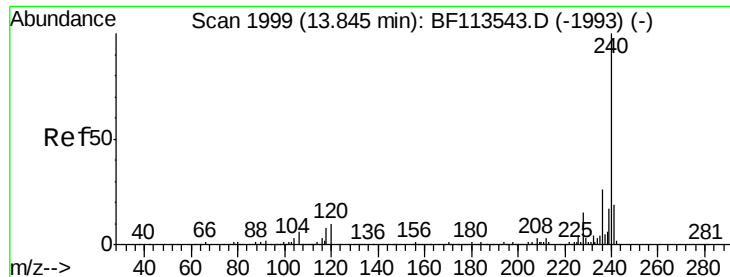


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

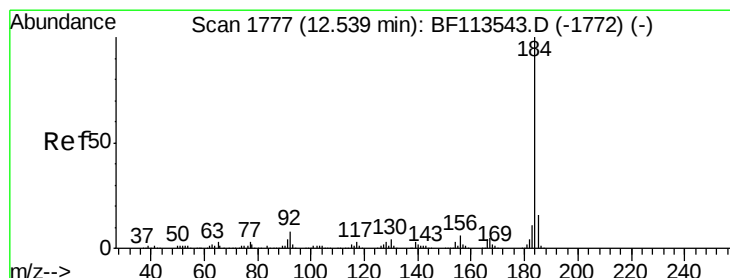
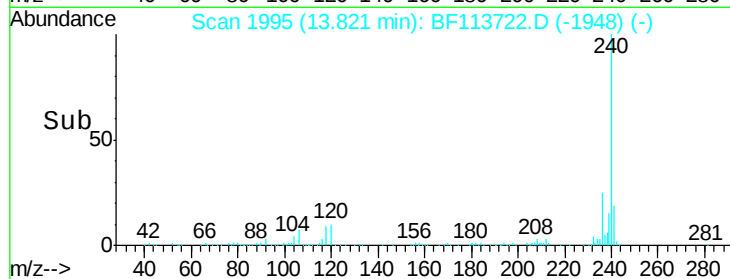
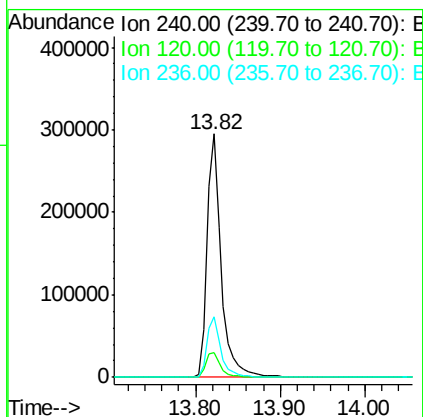
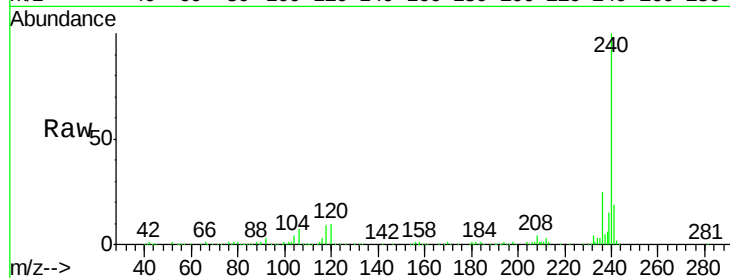




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

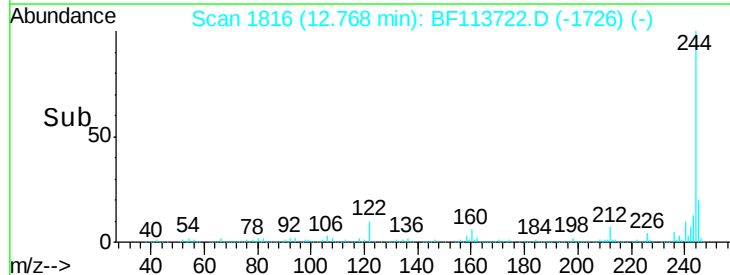
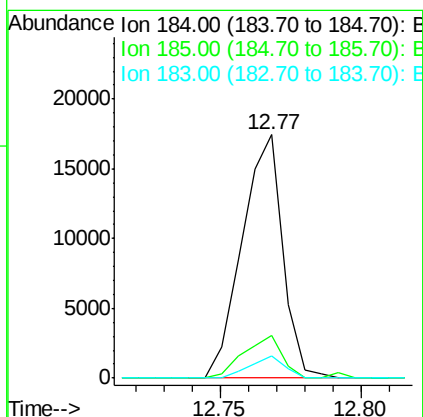
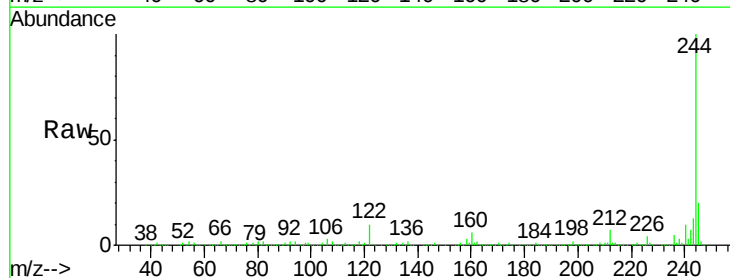
Instrument :
BNA_F
ClientSampleId :

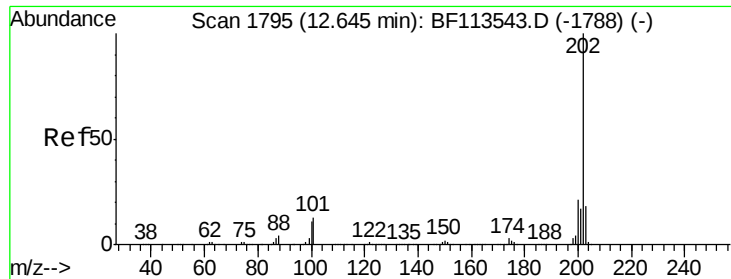
Tot Ion:240 Resp: 344810
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 24.9 20.9 31.3



#77
Benzidine
Concen: 1.359 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.23 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion:184 Resp: 17423
Ion Ratio Lower Upper
184 100
185 17.5 13.0 19.6
183 9.1 9.0 13.4

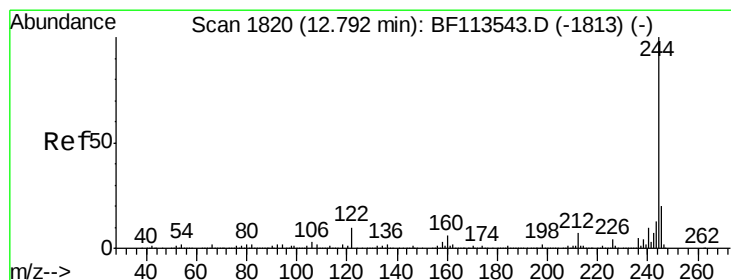
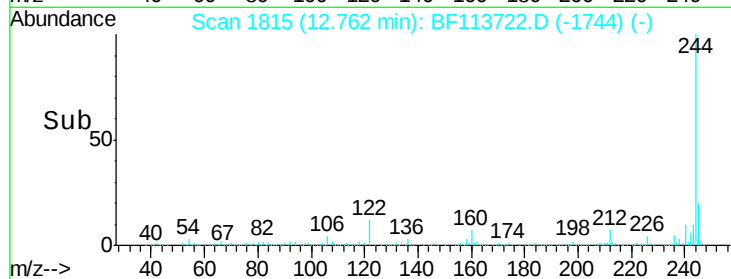
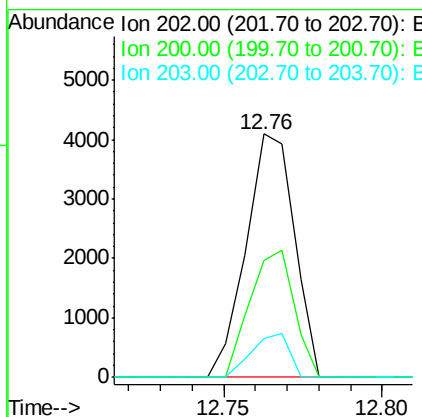
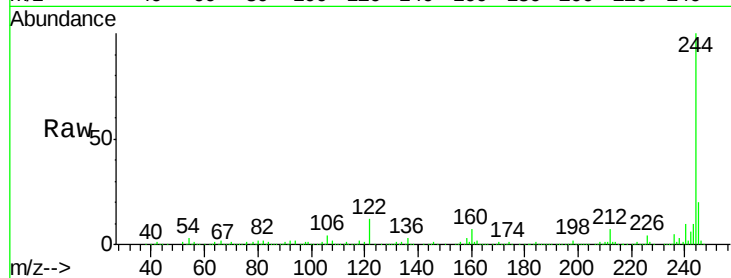




#78
Pvrene
Concen: 0.165 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.12 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

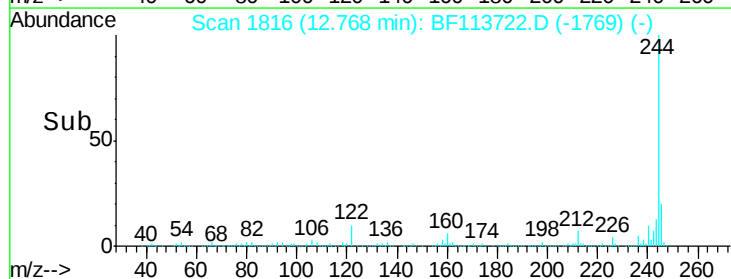
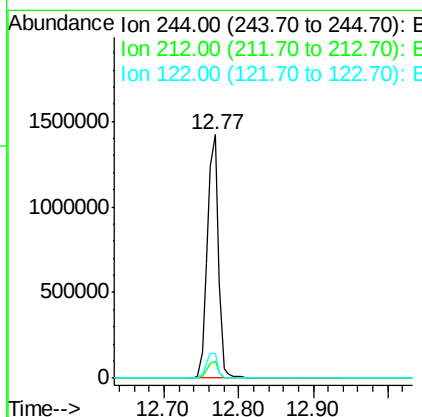
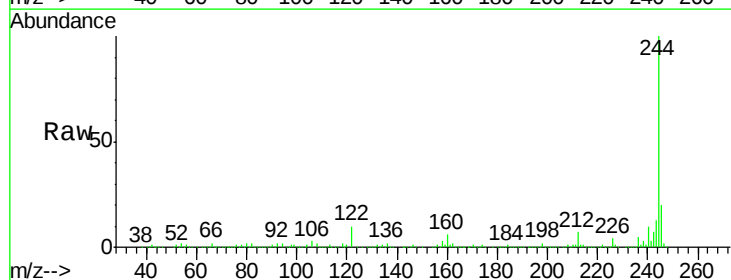
Instrument :
BNA_F
ClientSampleId :

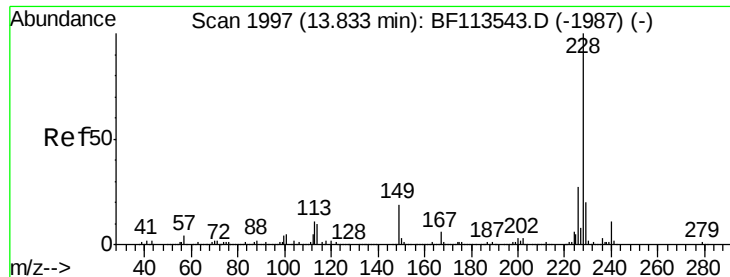
Tot Ion:202 Resp: 4329
Ion Ratio Lower Upper
202 100
200 47.8 16.8 25.2#
203 15.9 14.4 21.6



#79
Terphenyl-d14
Concen: 87.172 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion:244 Resp: 1476300
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 10.3 8.6 13.0





#81

Benzo(a)anthracene

Concen: 0.033 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

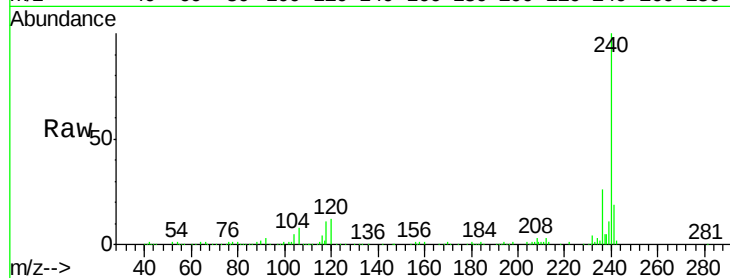
Tot Ion:228 Resp: 658

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

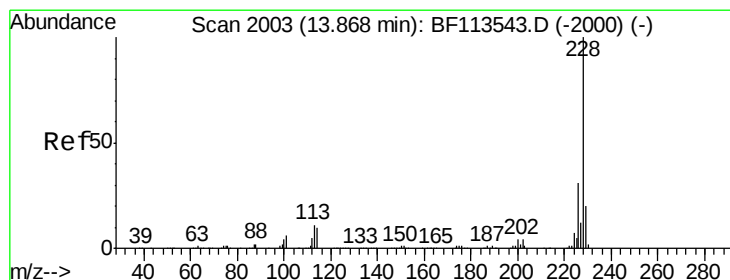
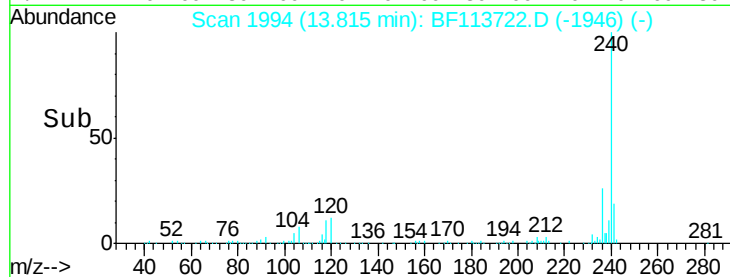
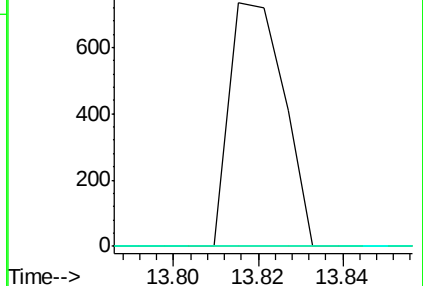
229 0.0 16.2 24.4#



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



#83

Chrysene

Concen: 0.033 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.05 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

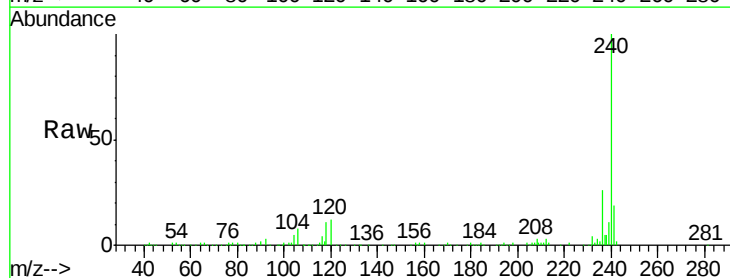
Tgt Ion:228 Resp: 658

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

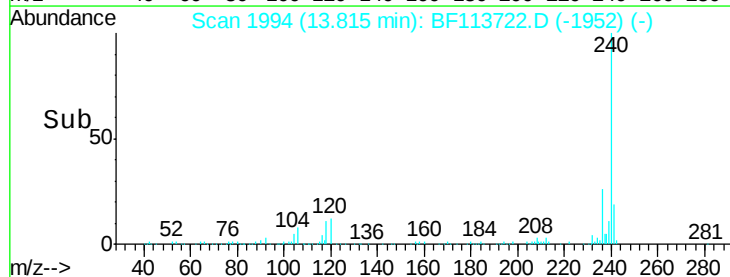
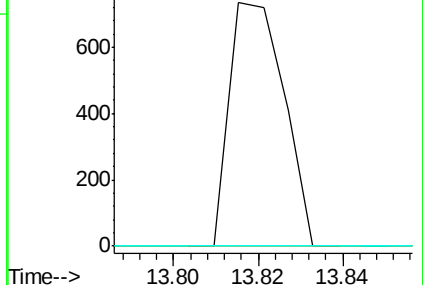
229 0.0 16.3 24.5#

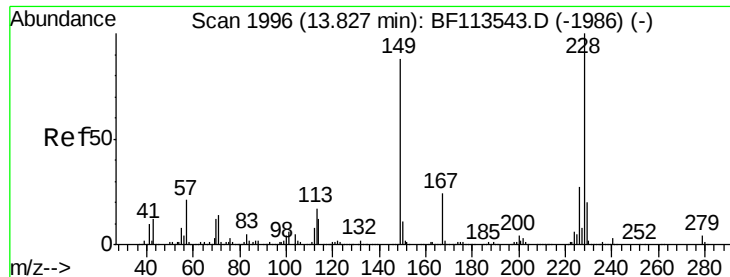


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

Instrument :

BNA_F

ClientSampleId :

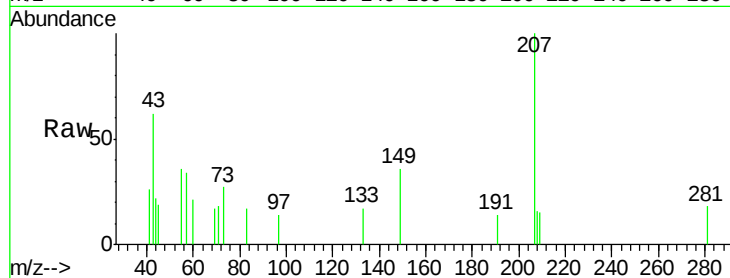
Tot Ion:149 Resp: 481

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

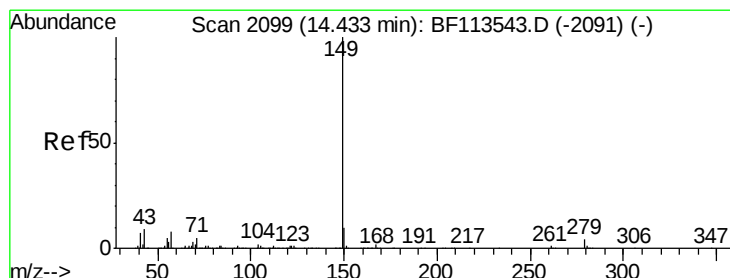
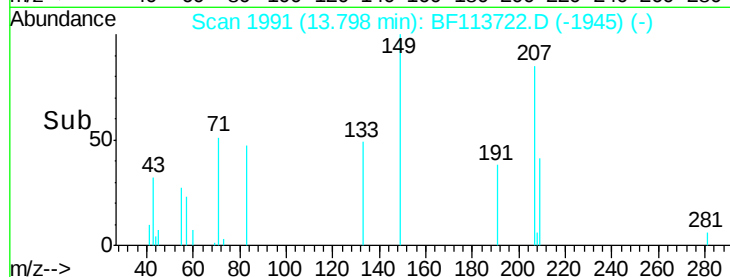
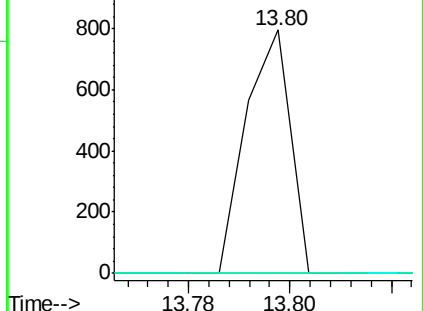
279 0.0 2.9 4.3#



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: 0.006 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BF113722.D

Acq: 11 Apr 2019 16:06

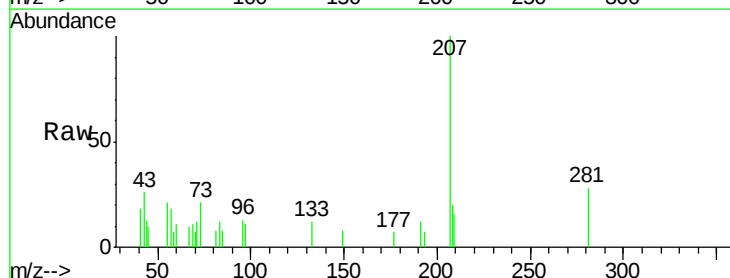
Tgt Ion:149 Resp: 123

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

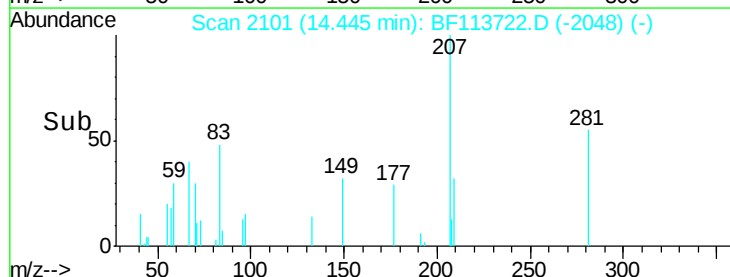
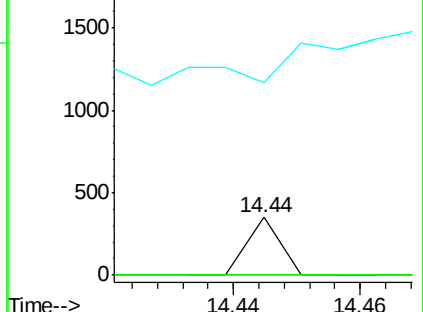
43 0.0 7.7 11.5#

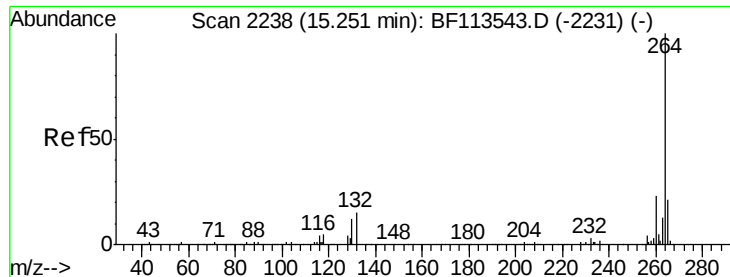


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

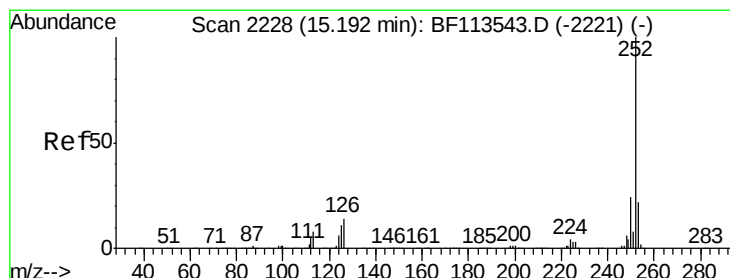
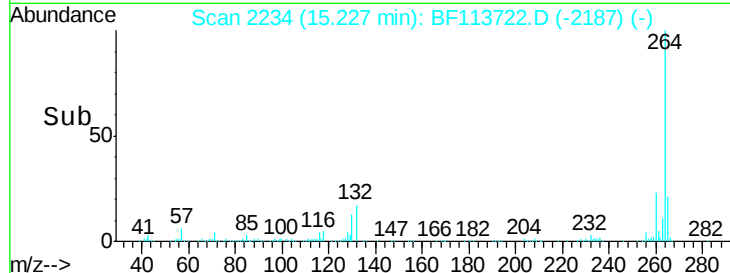
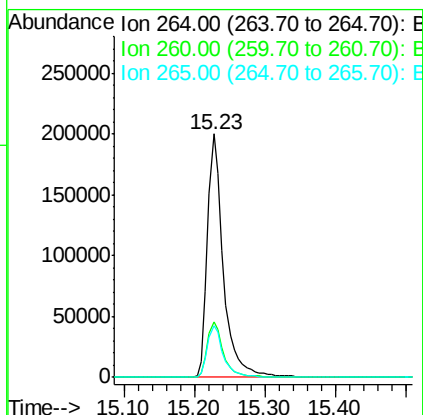
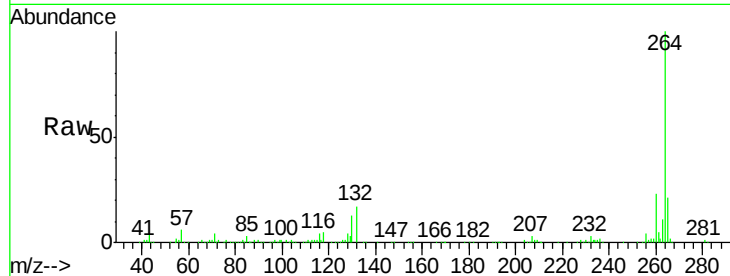




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 314075
Ion Ratio Lower Upper
264 100
260 22.7 19.1 28.7
265 21.1 17.1 25.7



#90
Benzo(a)pyrene
Concen: 0.045 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.04 min
Lab File: BF113722.D
Acq: 11 Apr 2019 16:06

Tgt Ion:252 Resp: 766
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 83.1 8.8 13.2#

