

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113724.D
 Acq On : 11 Apr 2019 17:04
 Operator : JU/SJ
 Sample : K2203-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 01:00:24 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	122006	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	458735	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	220797	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	437618	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	307715	20.00	ng	-0.02
87) Perylene-d12	15.23	264	304648	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	758647	106.03	ng	0.00
7) Phenol-d6	6.33	99	870985	98.77	ng	-0.01
23) Nitrobenzene-d5	7.24	82	677168	86.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	348132	131.26	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1297048	94.57	ng	-0.02
79) Terphenyl-d14	12.77	244	1340358	88.69	ng	-0.02

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.94	42	128	0.034	ng	# 1
6) Aniline	6.45	93	1124	0.105	ng	# 1
9) Benzaldehyde	6.33	77	776	0.148	ng	# 1
10) Phenol	6.45	94	1606	0.159	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	1124	0.143	ng	# 1
15) Benzyl Alcohol	6.83	79	9569	1.605	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.95	45	118	0.010	ng	# 63
18) Hexachloroethane	7.24	117	125	0.038	ng	# 1
19) n-Nitroso-di-n-propylamine	7.24	70	87336	16.061	ng	# 76
22) Acetophenone	7.12	105	673	0.067	ng	# 59
24) Nitrobenzene	7.24	77	1673	0.207	ng	# 36
25) Isophorone	7.24	82	677163	44.886	ng	# 64
31) Naphthalene	7.98	128	2206	0.099	ng	# 68
37) 2-Methylnaphthalene	8.69	142	1280	0.088	ng	# 99
38) 1-Methylnaphthalene	8.78	142	1339	0.095	ng	# 99
46) 1,1'-Biphenyl	9.13	154	2280	0.125	ng	# 90
48) 2-Nitroaniline	9.03	65	1768	0.419	ng	# 1
49) Acenaphthylene	9.57	152	270	0.012	ng	# 60
50) Dimethylphthalate	9.70	163	50460	3.100	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	27532	7.674	ng	# 26
52) Acenaphthene	9.74	154	4075	0.317	ng	# 97
55) Dibenzofuran	9.93	168	2878	0.153	ng	# 81
56) 4-Nitrophenol	9.93	139	671	0.265	ng	# 7
57) 2,4-Dinitrotoluene	9.70	165	27532	6.345	ng	# 23
58) Fluorene	10.26	166	4762	0.320	ng	# 98
60) Diethylphthalate	10.13	149	634	0.040	ng	# 59
63) Azobenzene	10.49	77	1157	0.078	ng	# 5
65) 4,6-Dinitro-2-methylphenol	10.49	198	372	0.161	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	9113	0.678	ng	# 42
67) 4-Bromophenyl-phenylether	10.49	248	19303	3.933	ng	# 1
71) Phenanthrene	11.21	178	27169	1.249	ng	# 97
72) Anthracene	11.21	178	27169	1.228	ng	# 98
73) Carbazole	11.45	167	9449	0.457	ng	# 95
74) Di-n-butylphthalate	11.75	149	2458	0.100	ng	# 78

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Instrument :
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Quant Time: Apr 12 01:00:24 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

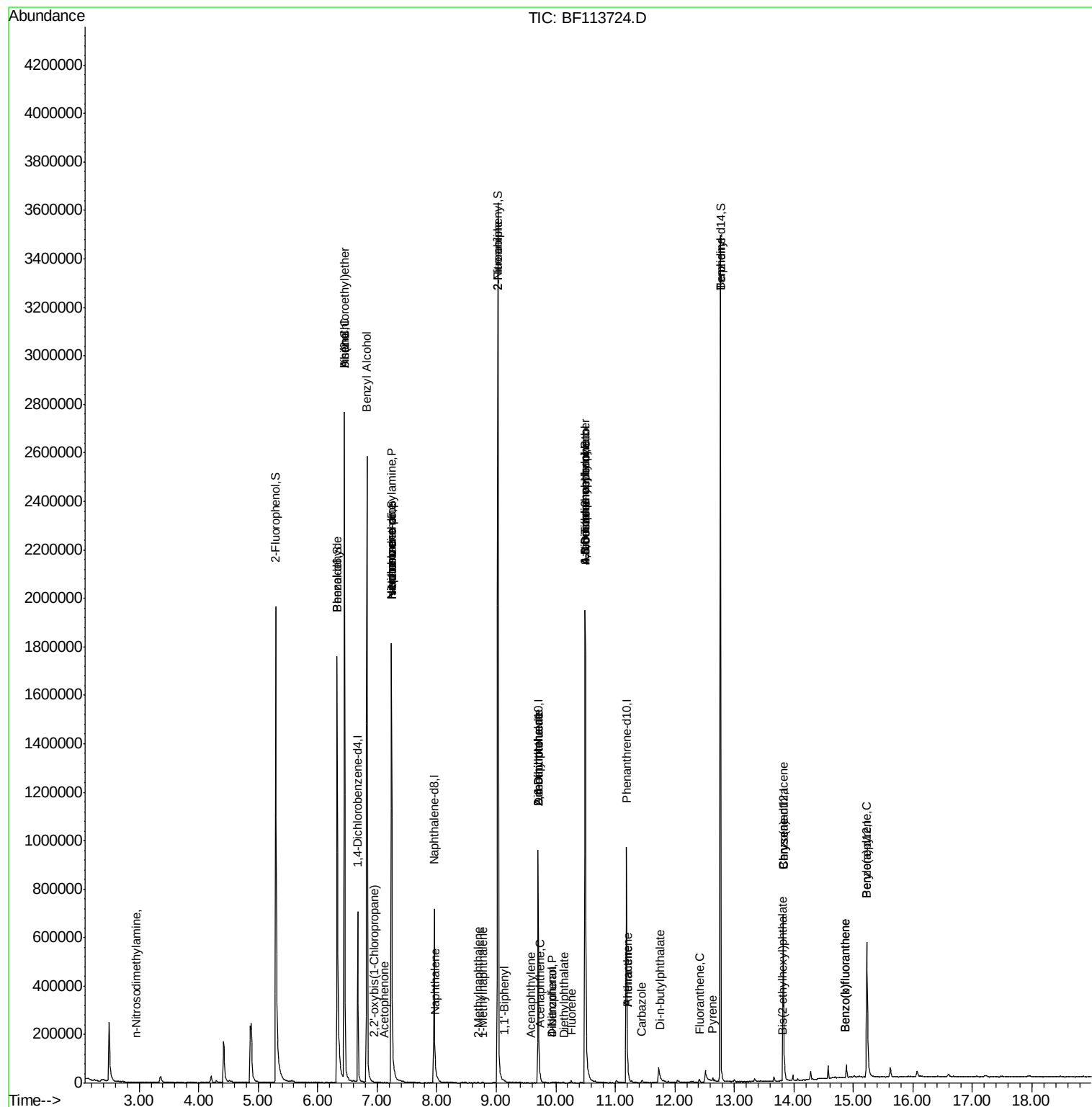
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	12.41	202	8413	0.361	nq	97
77) Benzidine	12.77	184	15535	1.358	nq	97
78) Pyrene	12.64	202	5371	0.229	nq	99
81) Benzo(a)anthracene	13.82	228	1502	0.085	nq	# 51
83) Chrysene	13.82	228	1502	0.083	nq	# 49
84) Bis(2-ethylhexyl)phthalate	13.80	149	590	0.051	nq	# 52
88) Benzo(b)fluoranthene	14.86	252	121	0.006	nq	# 59
89) Benzo(k)fluoranthene	14.86	252	121	0.007	nq	# 60
90) Benzo(a)pyrene	15.23	252	664	0.040	nq	# 1

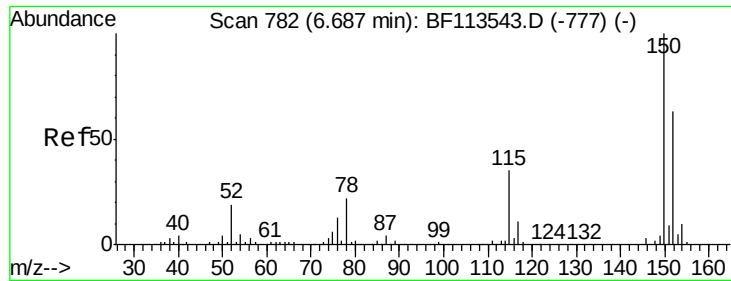
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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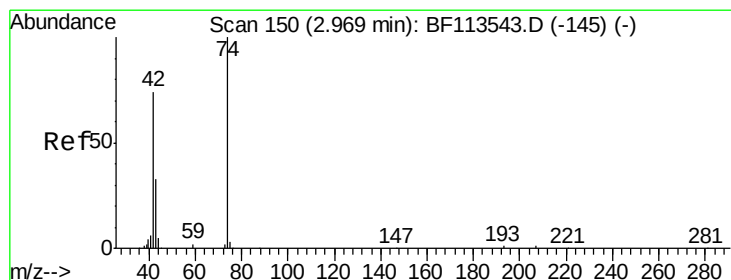
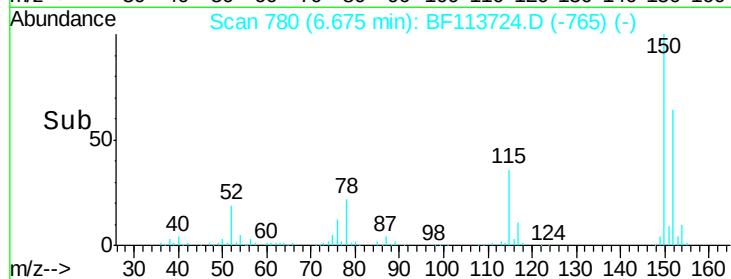
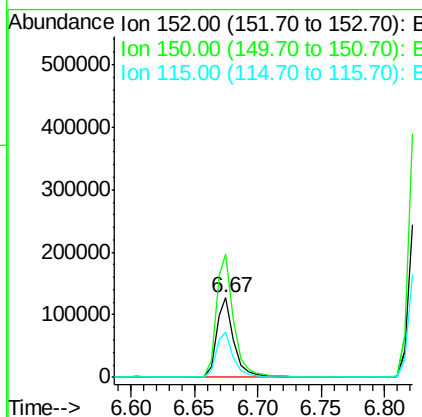
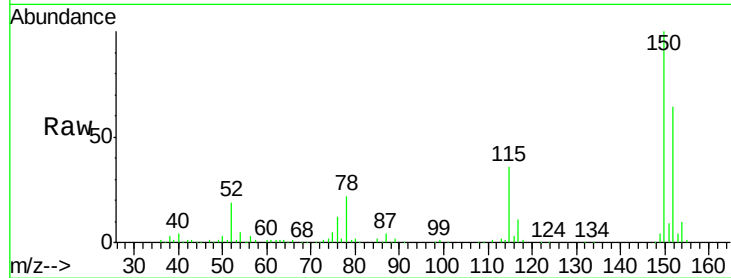


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

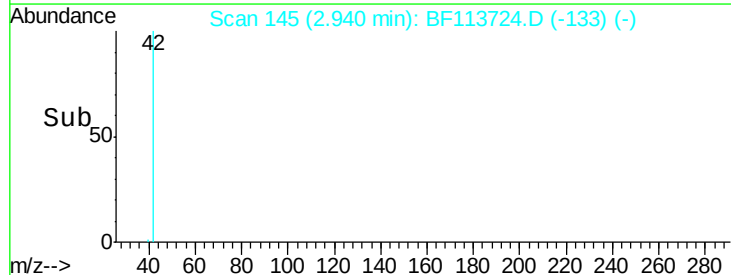
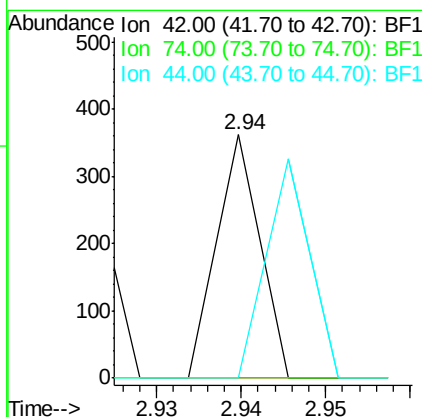
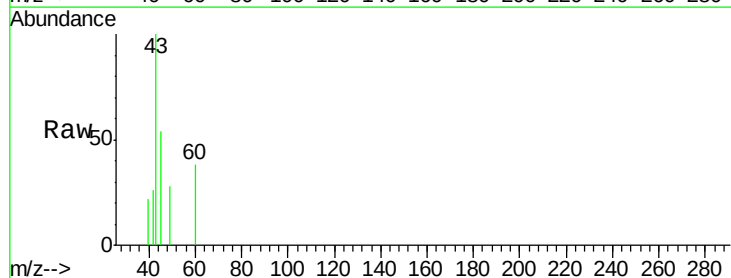
Tot Ion:152 Resp: 122006
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 56.5 46.0 69.0

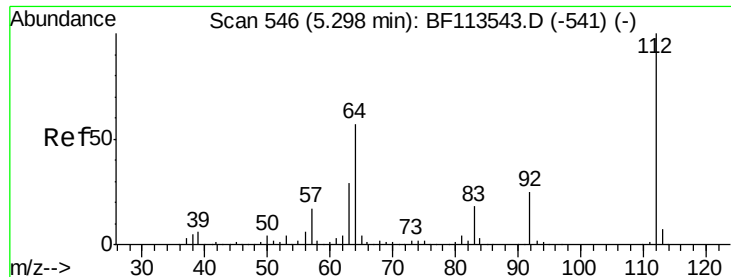


#4

n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 2.94 min Scan# 145
Delta R.T. -0.03 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 42 Resp: 128
Ion Ratio Lower Upper
42 100
74 0.0 102.4 153.6#
44 0.0 5.5 8.3#





#5

2-Fluorophenol

Concen: 106.033 ng

RT: 5.30 min Scan# 546

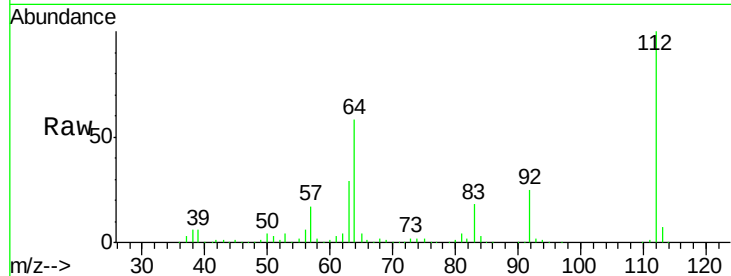
Delta R.T. 0.00 min

Lab File: BF113724.D

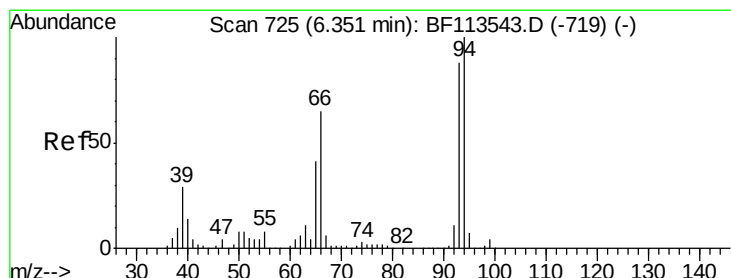
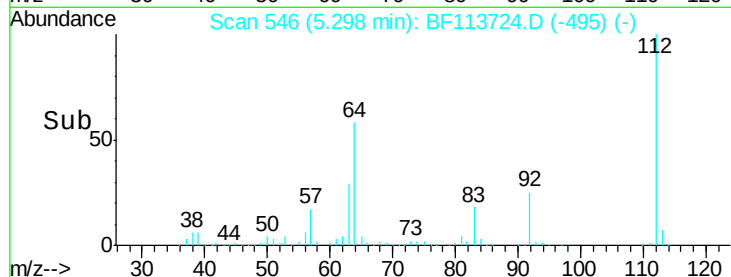
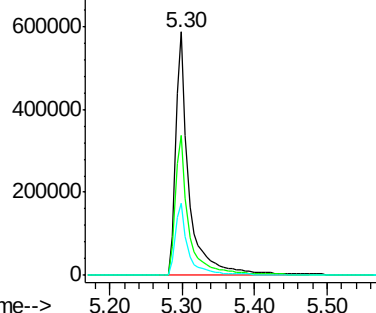
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	758647
Ion	Ratio	Lower	Upper
112	100		
64	57.6	49.2	73.8
63	29.5	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.105 ng

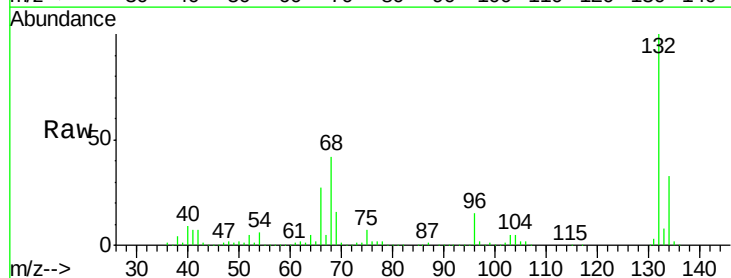
RT: 6.45 min Scan# 741

Delta R.T. 0.09 min

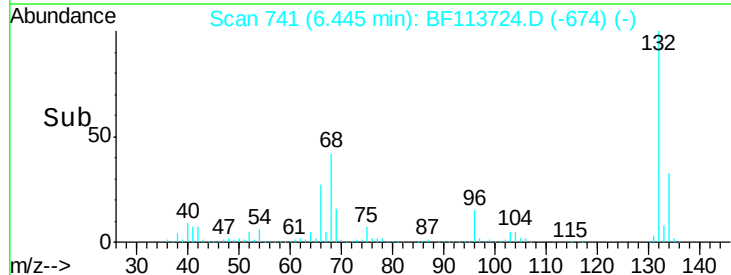
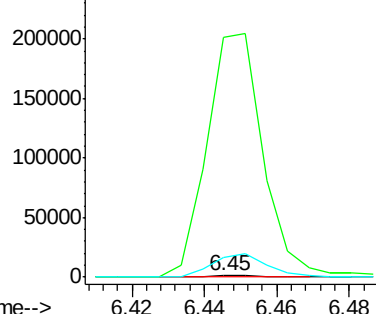
Lab File: BF113724.D

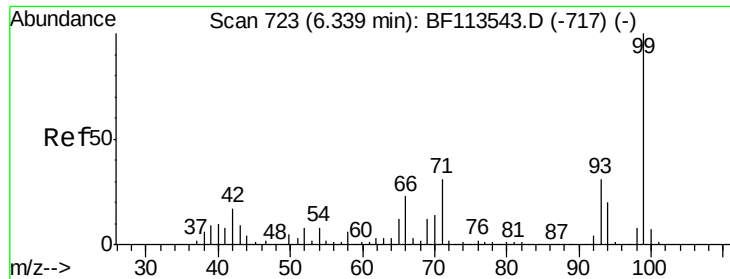
Acq: 11 Apr 2019 17:04

Tgt Ion:	93	Resp:	1124
Ion	Ratio	Lower	Upper
93	100		
66	16893.2	62.1	93.1#
65	1362.8	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: 98.770 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampled :

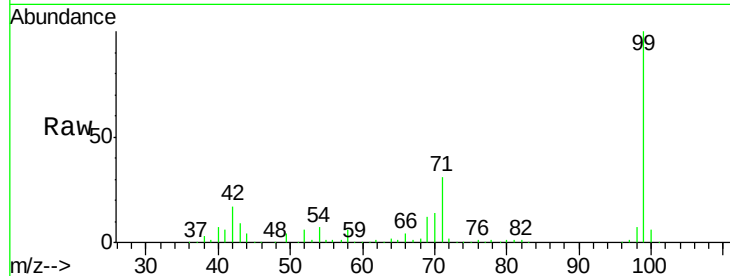
Tot Ion: 99 Resp: 870985

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

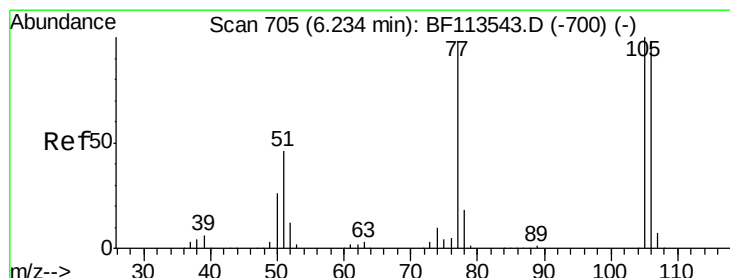
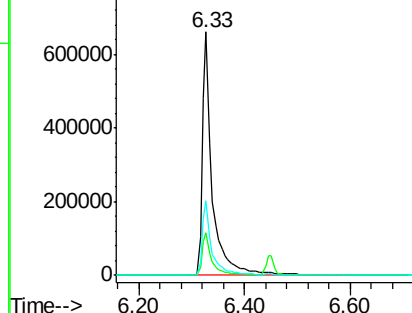
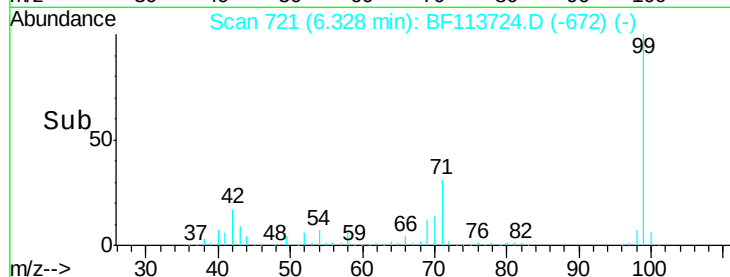
71 30.6 24.9 37.3



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



#9

Benzaldehyde

Concen: 0.148 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.09 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

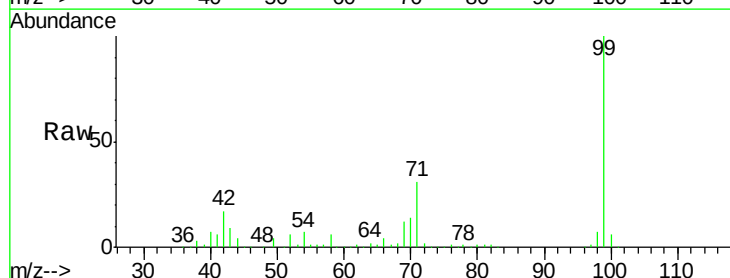
Tgt Ion: 77 Resp: 776

Ion Ratio Lower Upper

77 100

105 0.0 80.9 120.9#

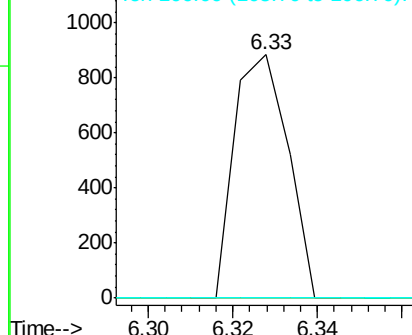
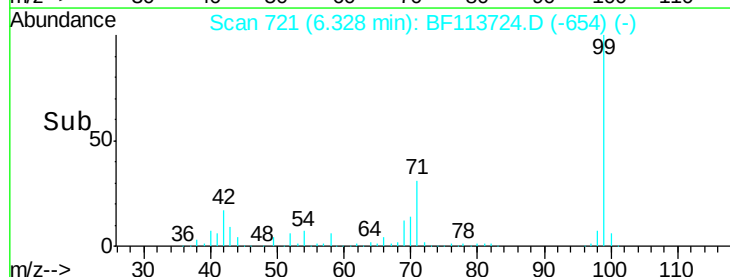
106 0.0 77.8 117.8#

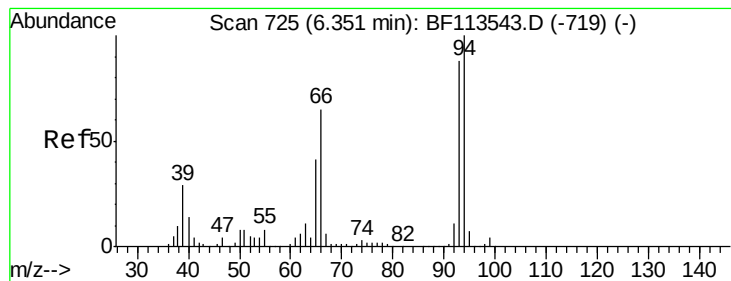


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.159 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.10 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampled :

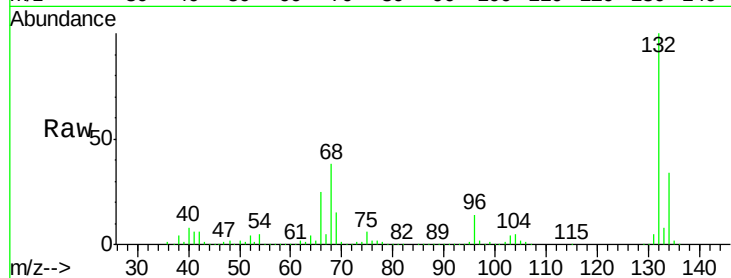
Tot Ion: 94 Resp: 1606

Ion Ratio Lower Upper

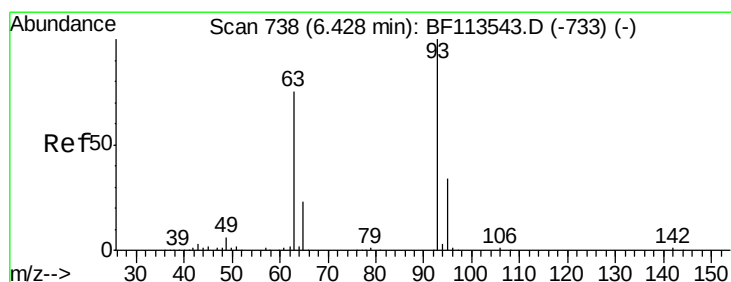
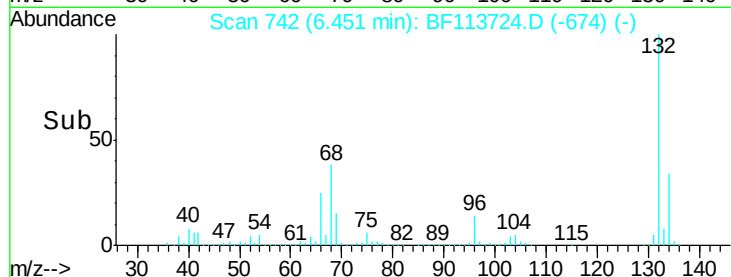
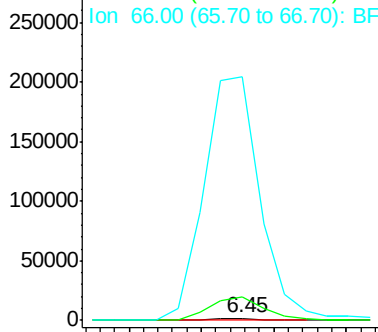
94 100

65 1203.2 21.4 61.4#

66 12614.4 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: 0.143 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

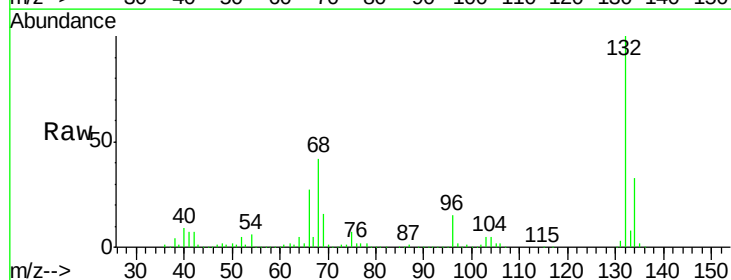
Tgt Ion: 93 Resp: 1124

Ion Ratio Lower Upper

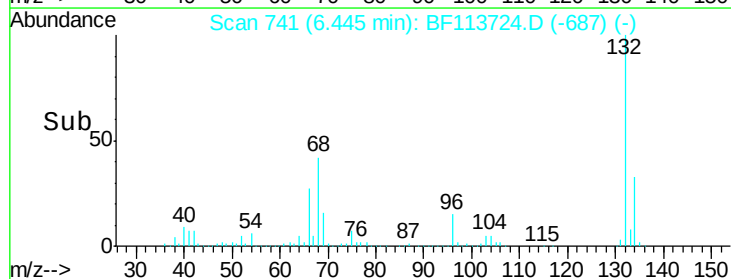
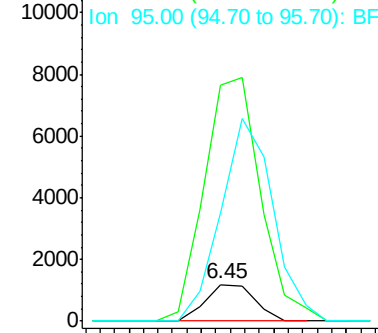
93 100

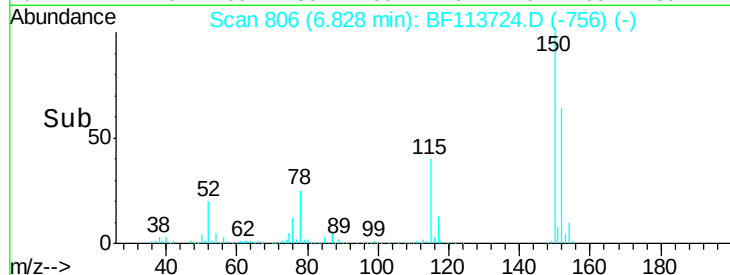
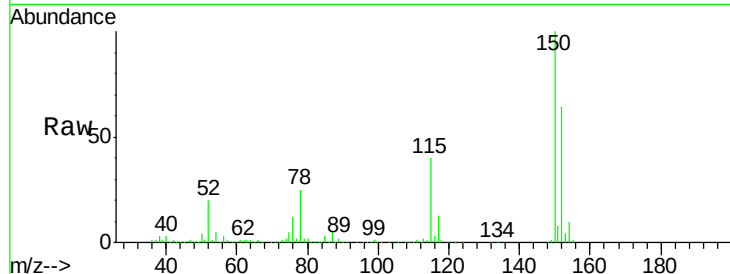
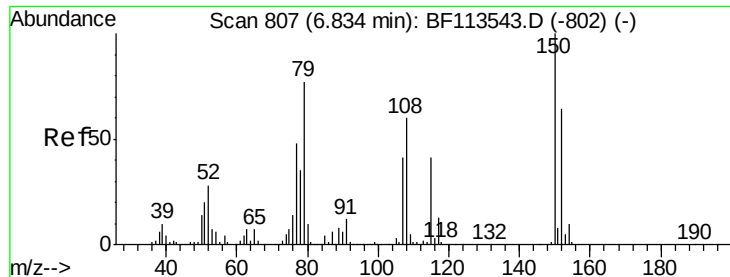
63 642.2 56.1 96.1#

95 294.0 12.8 52.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#15

Benzyl Alcohol

Concen: 1.605 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

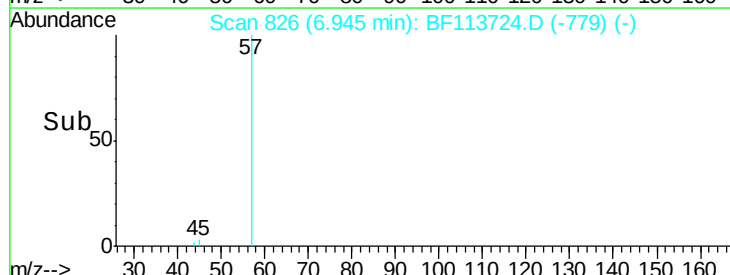
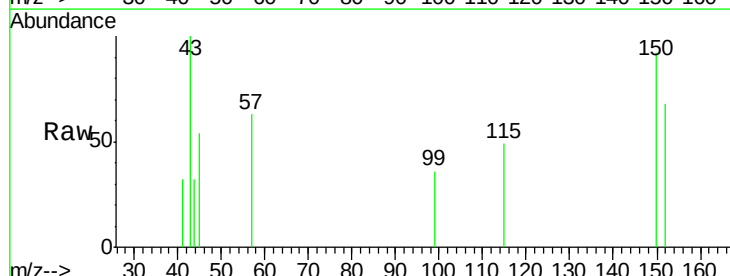
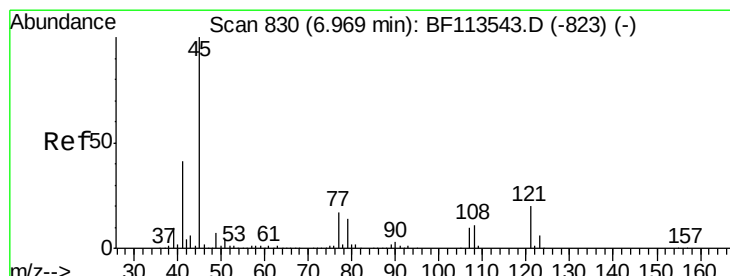
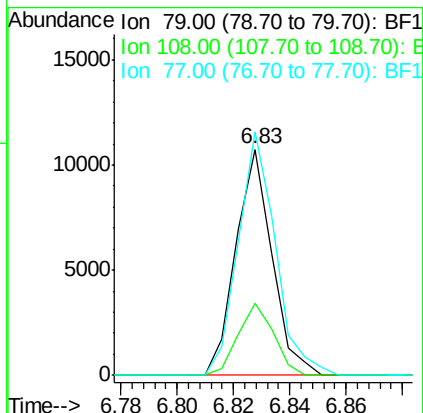
Tot Ion: 79 Resp: 9569

Ion Ratio Lower Upper

79 100

108 31.8 62.0 93.0#

77 107.7 49.9 74.9#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.010 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

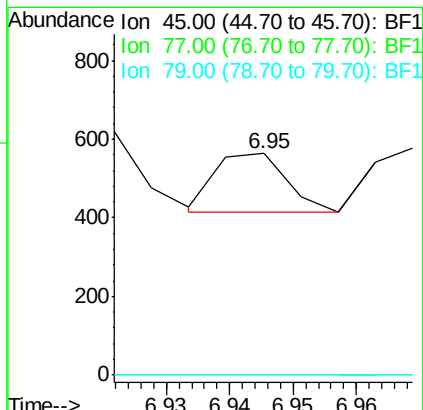
Tgt Ion: 45 Resp: 118

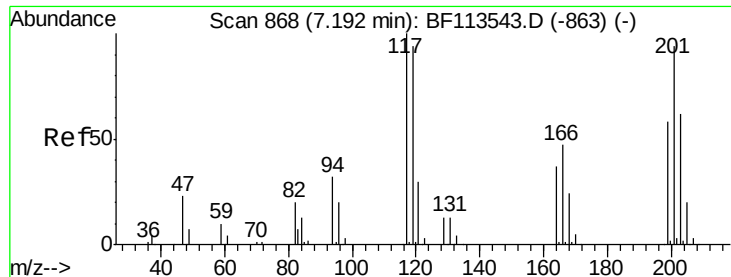
Ion Ratio Lower Upper

45 100

77 0.0 0.0 36.6

79 0.0 0.0 34.0

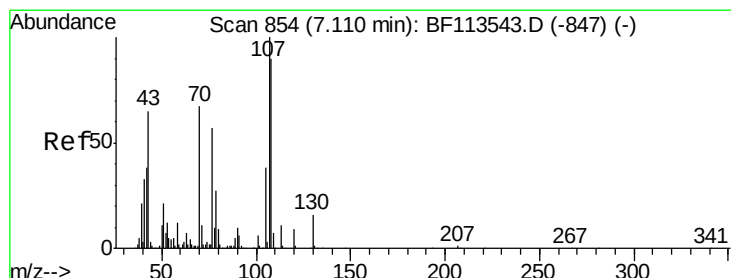
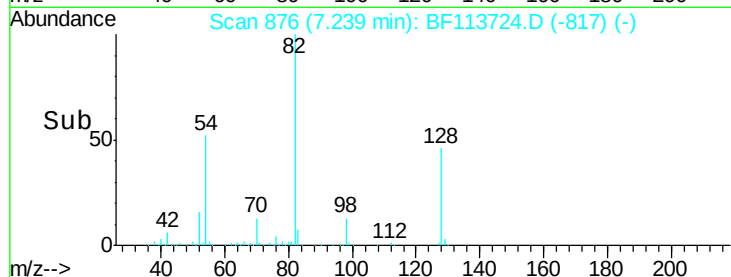
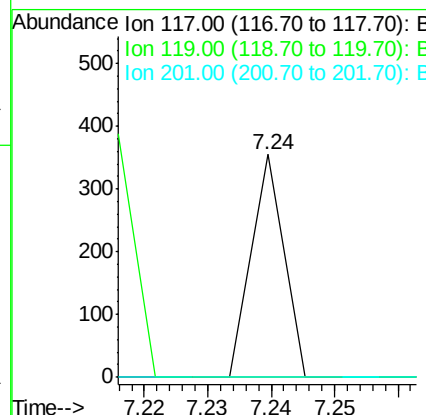
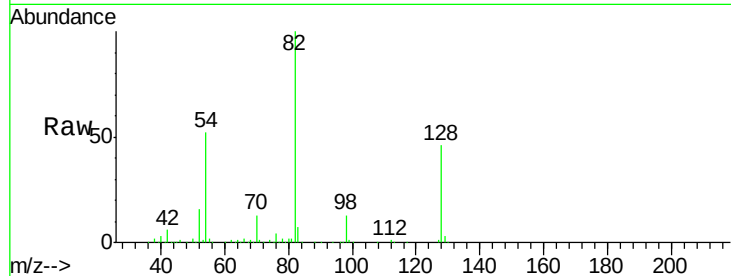




#18
Hexachloroethane
Concen: 0.038 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.05 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

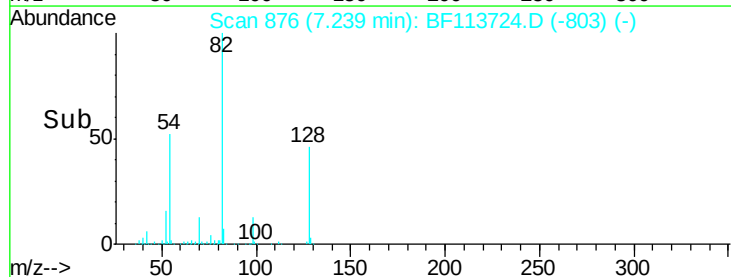
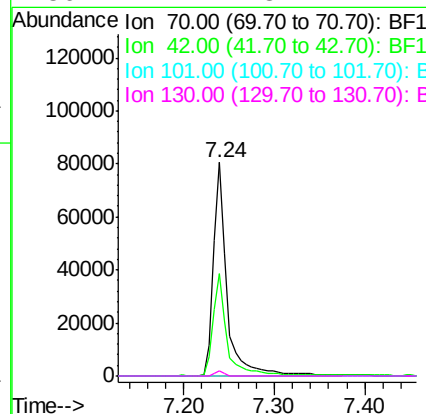
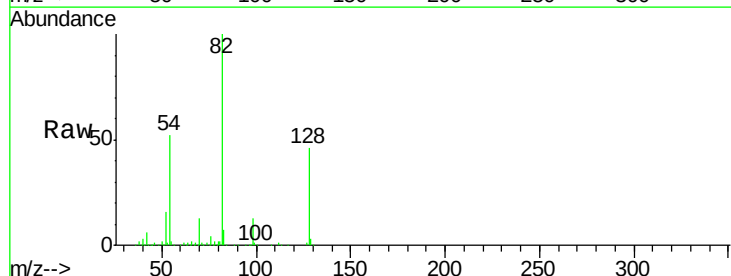
Instrument :
BNA_F
ClientSampleId :

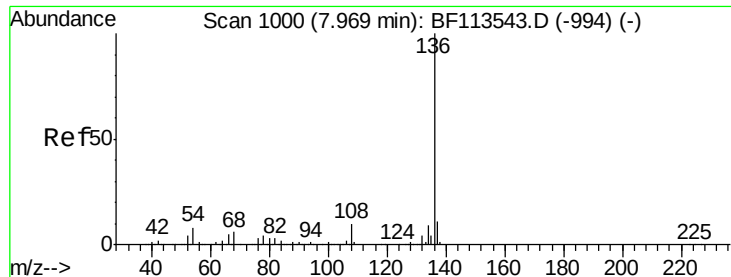
Tot Ion:117 Resp: 125
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
201 0.0 78.7 118.1#



#19
n-Nitroso-di-n-propylamine
Concen: 16.061 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 70 Resp: 87336
Ion Ratio Lower Upper
70 100
42 48.2 48.4 72.6#
101 0.0 7.8 11.8#
130 2.2 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: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 458735

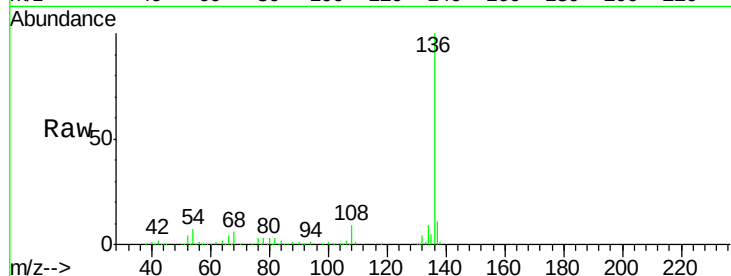
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.5 7.0 10.6

68 5.7 4.8 7.2

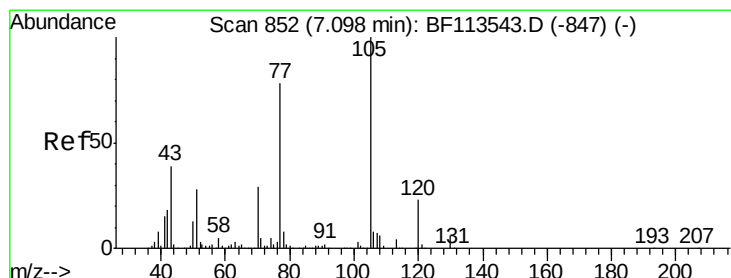
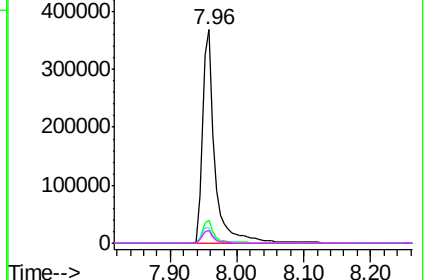
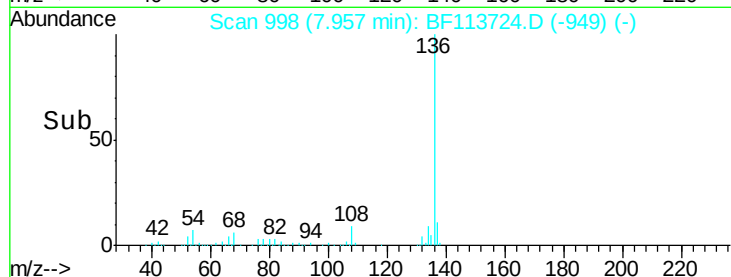


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.067 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Tgt Ion:105 Resp: 673

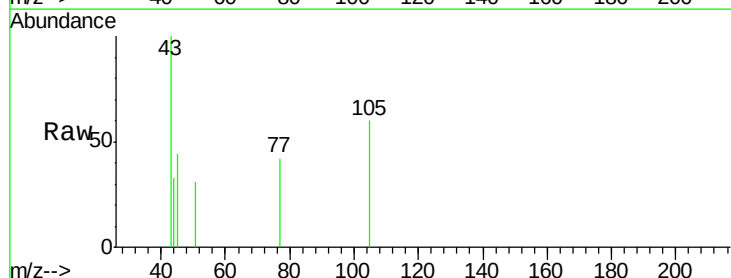
Ion Ratio Lower Upper

105 100

71 0.0 3.3 4.9#

51 51.7 24.2 36.2#

120 0.0 18.1 27.1#

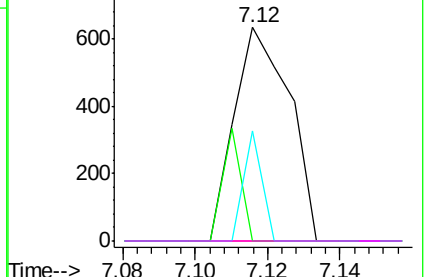
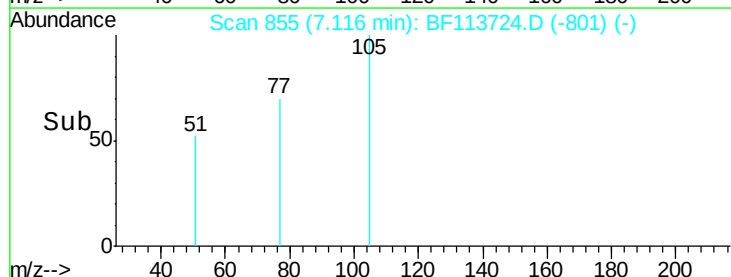


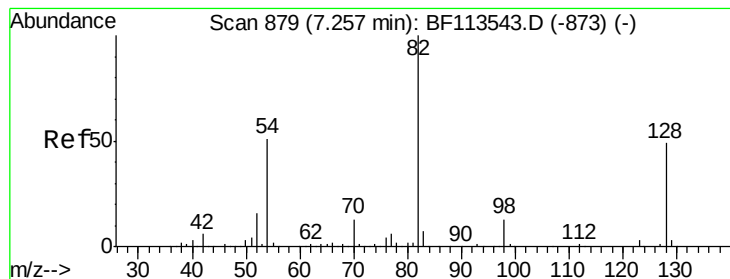
Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.467 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampled :

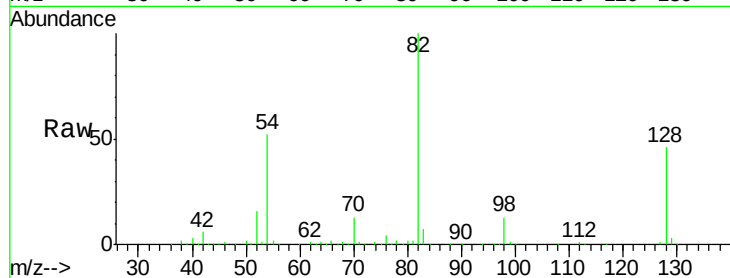
Tot Ion: 82 Resp: 677168

Ion Ratio Lower Upper

82 100

128 46.5 36.5 54.7

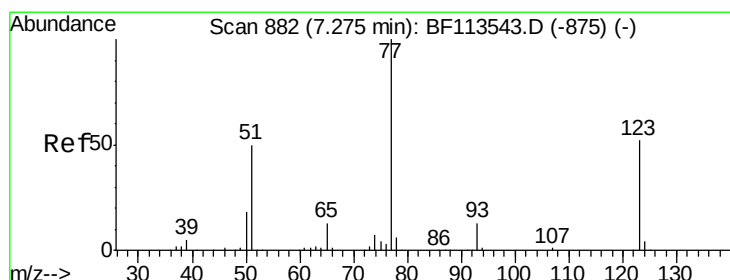
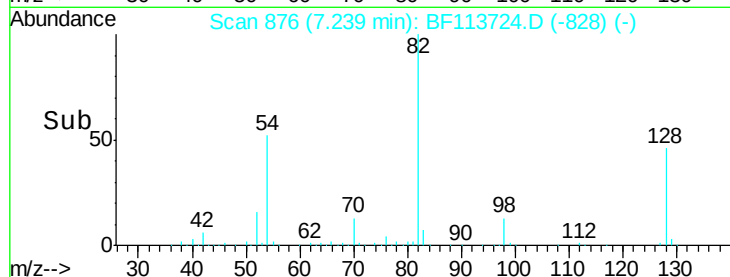
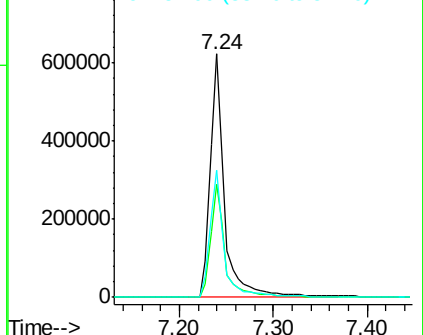
54 52.1 42.2 63.2



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: 0.207 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

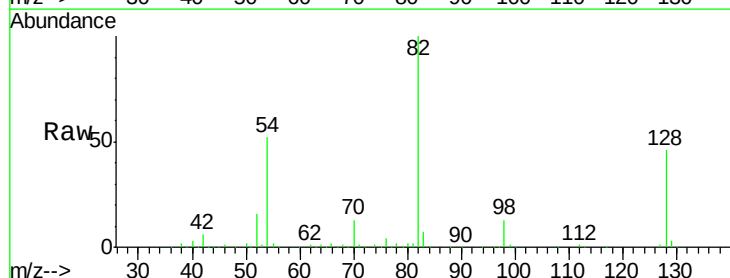
Tgt Ion: 77 Resp: 1673

Ion Ratio Lower Upper

77 100

123 0.0 40.8 61.2#

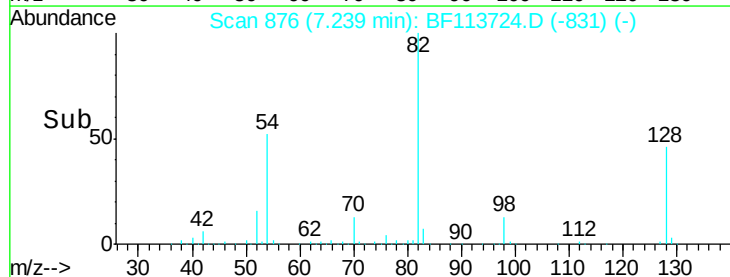
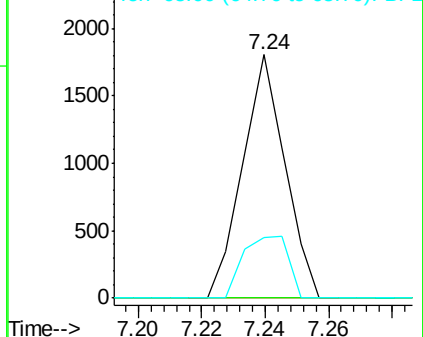
65 24.7 10.6 16.0#

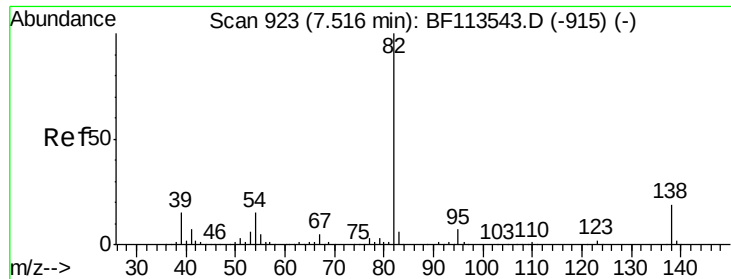


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.886 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

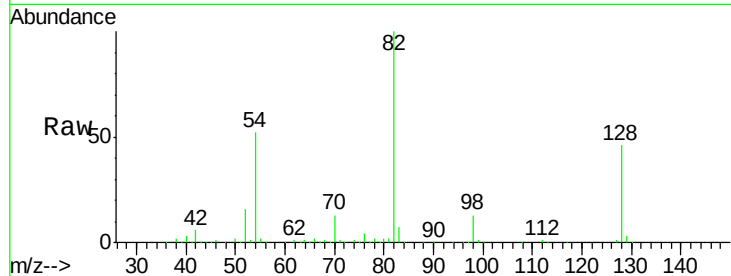
Tot Ion: 82 Resp: 677163

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

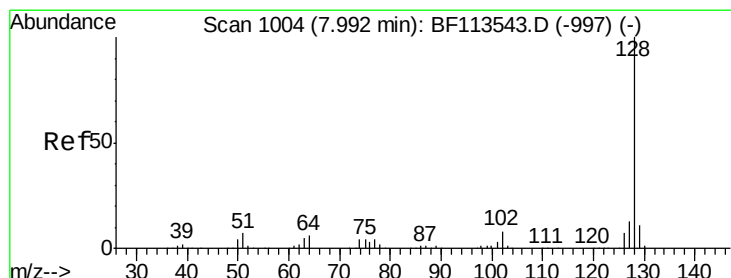
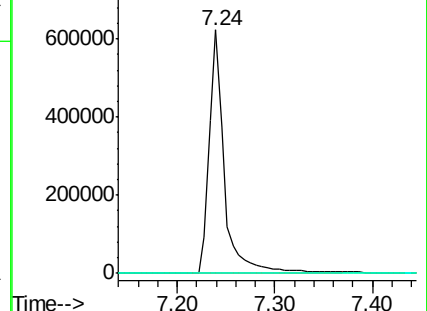
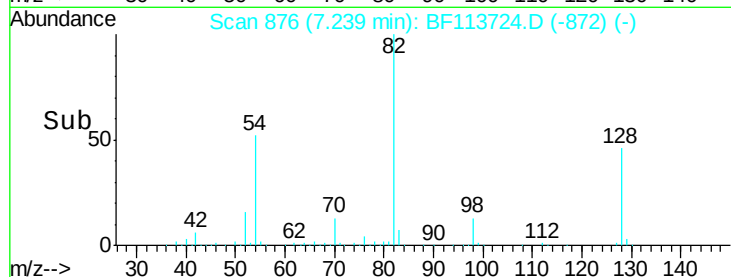
138 0.0 15.2 22.8#



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: 0.099 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

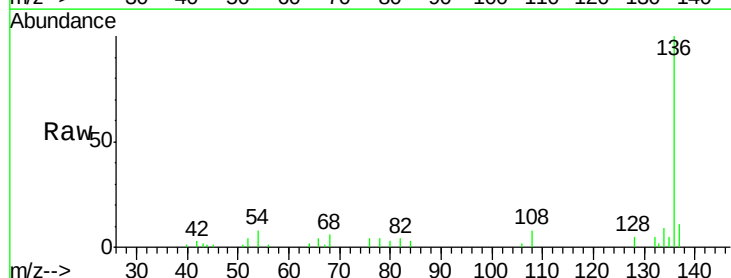
Tgt Ion: 128 Resp: 2206

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

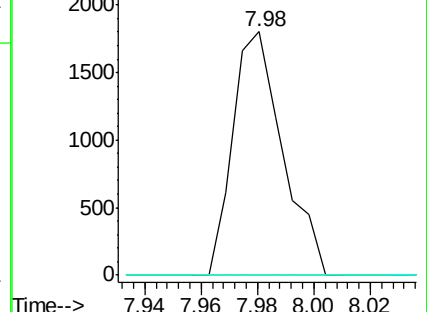
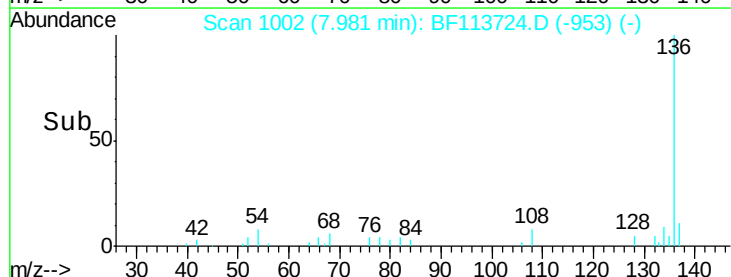
127 0.0 10.9 16.3#

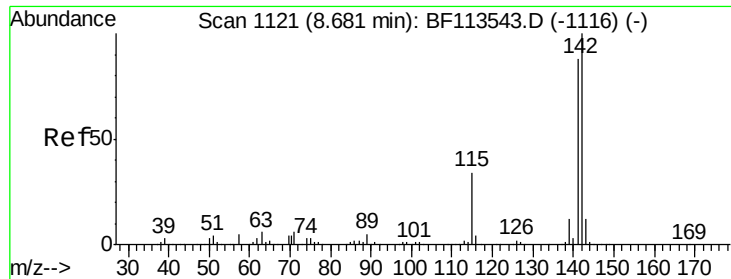


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

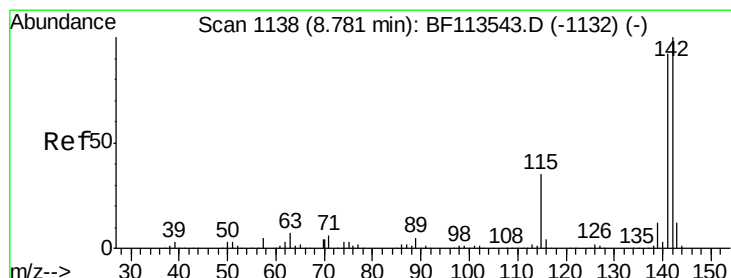
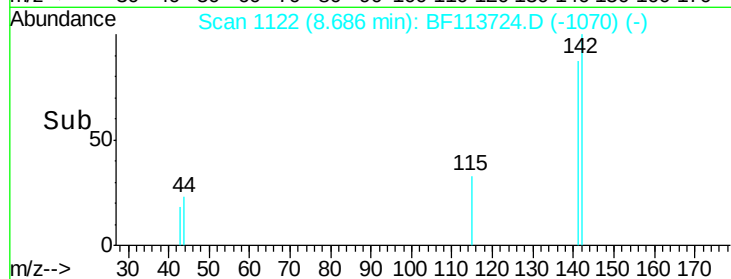
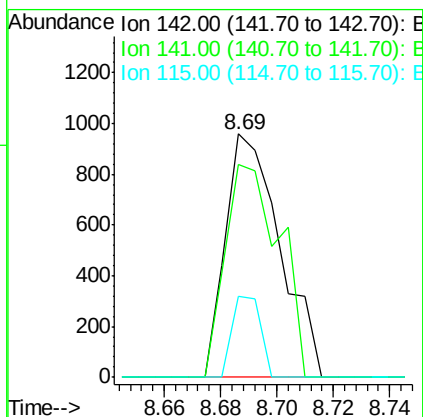
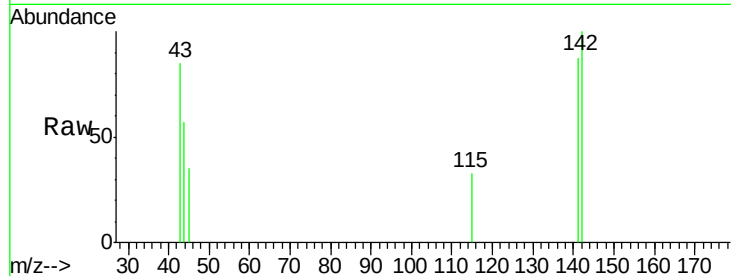




#37
 2-Methylnaphthalene
 Concen: 0.088 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

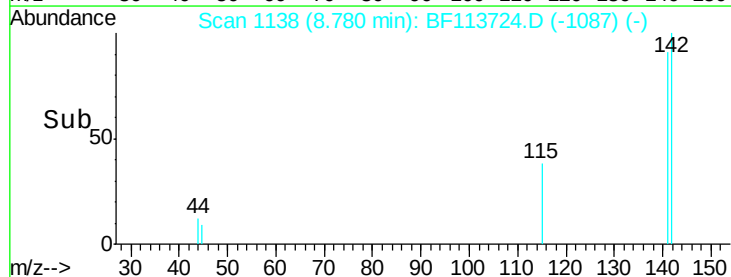
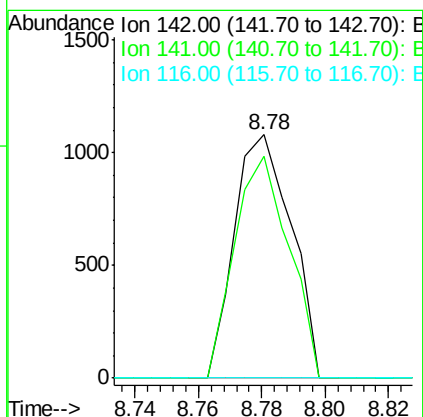
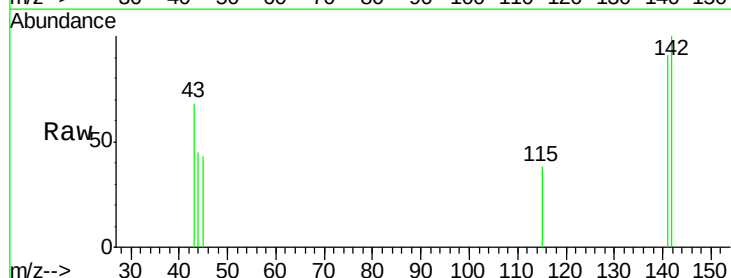
Instrument :
 BNA_F
 ClientSampleId :

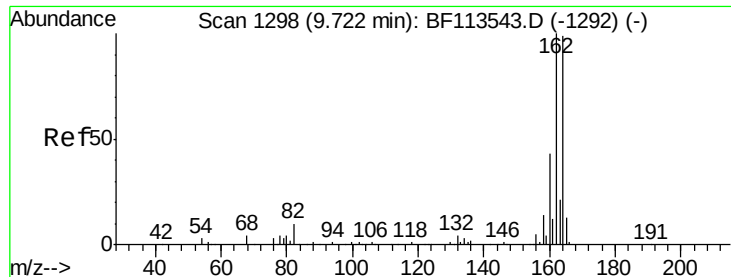
Tot Ion:142 Resp: 1280
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.0 106.6
 115 33.4 26.6 39.8



#38
 1-Methylnaphthalene
 Concen: 0.095 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Tgt Ion:142 Resp: 1339
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.2 109.8
 116 0.0 3.0 4.4#

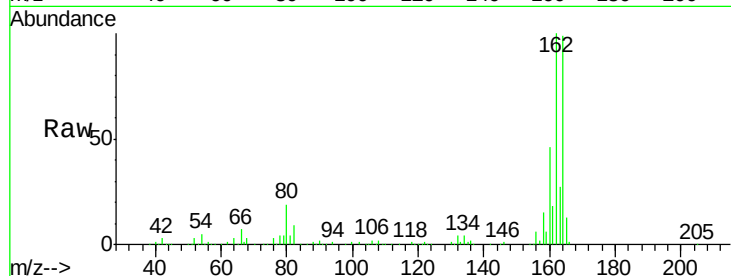




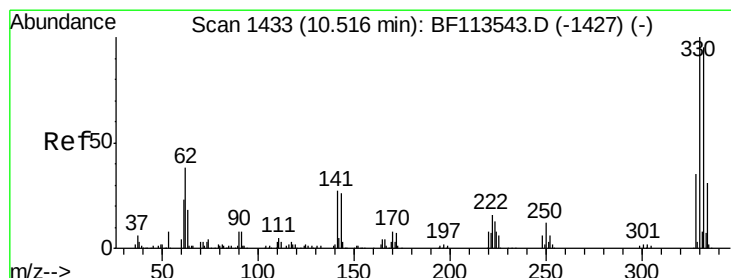
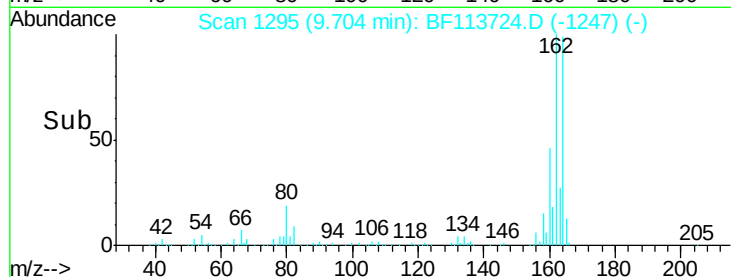
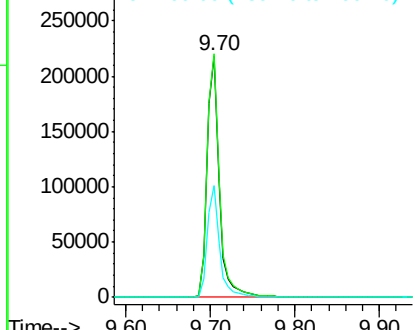
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	46.3	36.4	54.6

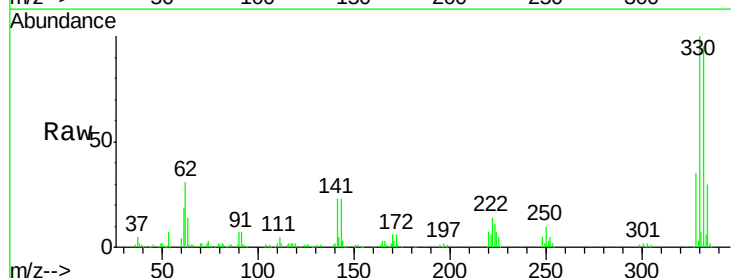


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

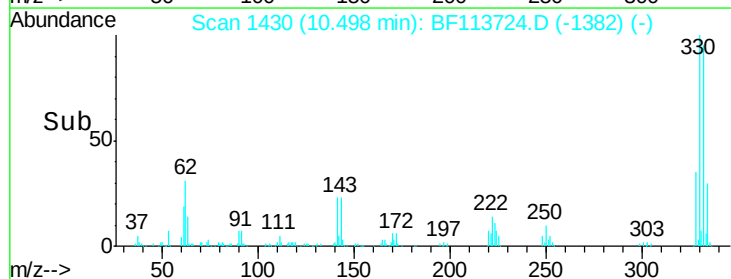
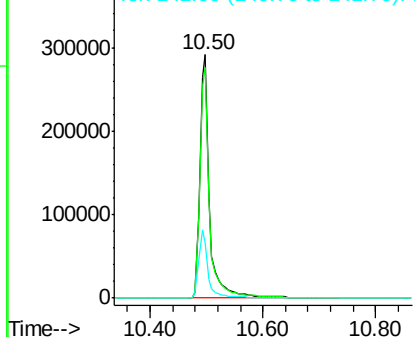


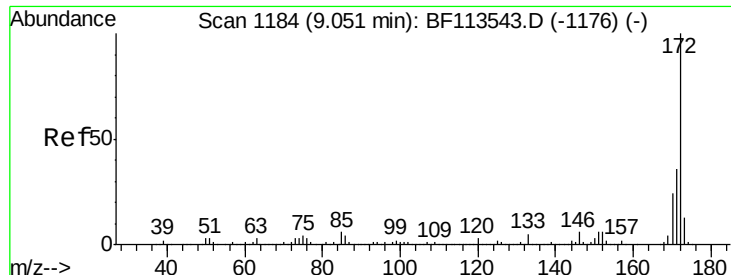
#42
 2,4,6-Tribromophenol
 Concen: 131.256 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	27.4	22.7	34.1



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

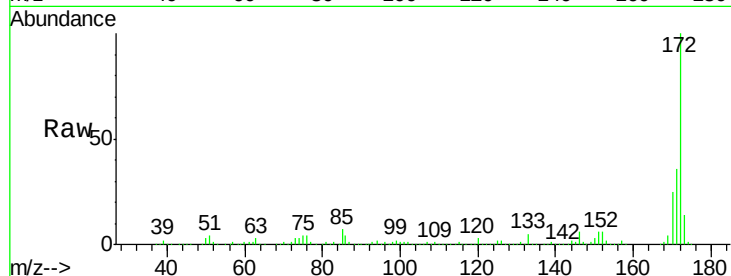




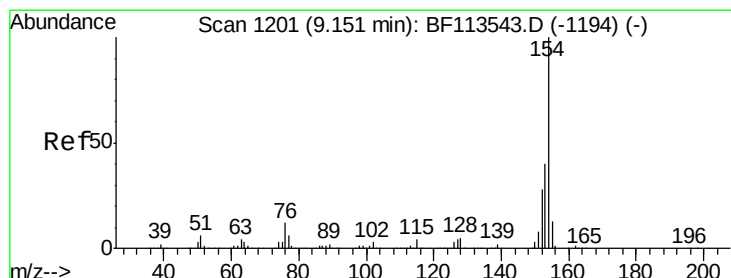
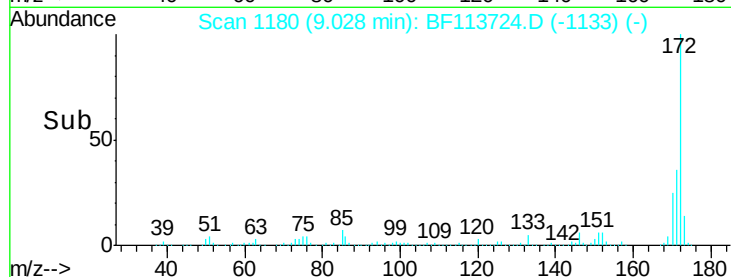
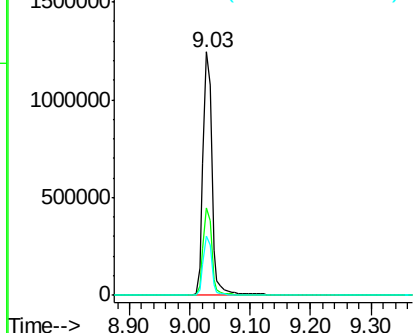
#45
2-Fluorobiphenyl
Concen: 94.571 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1297048
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.6 19.5 29.3

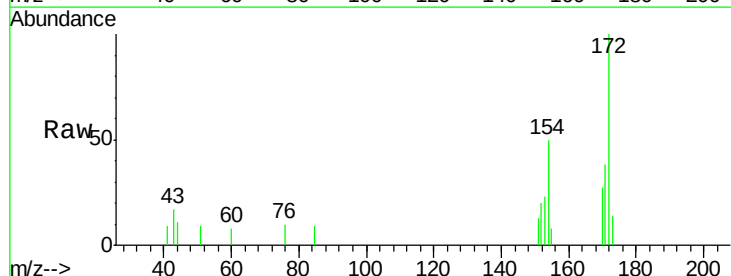


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

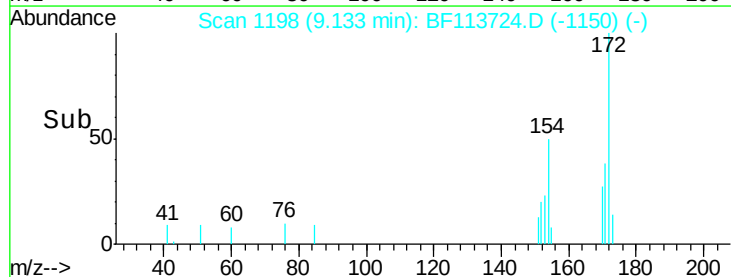
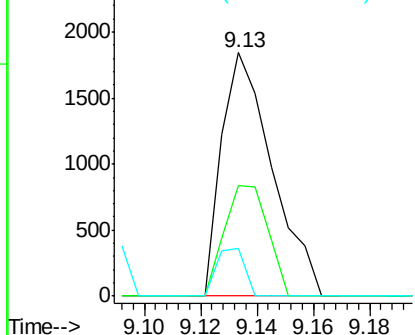


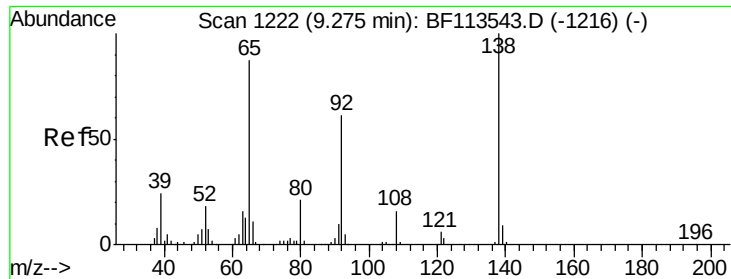
#46
1,1'-Biphenyl
Concen: 0.125 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:154 Resp: 2280
Ion Ratio Lower Upper
154 100
153 45.2 20.8 60.8
76 19.7 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

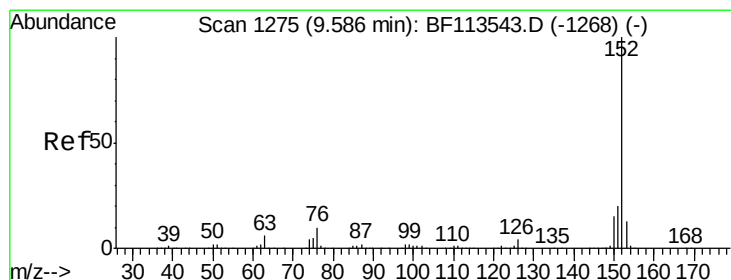
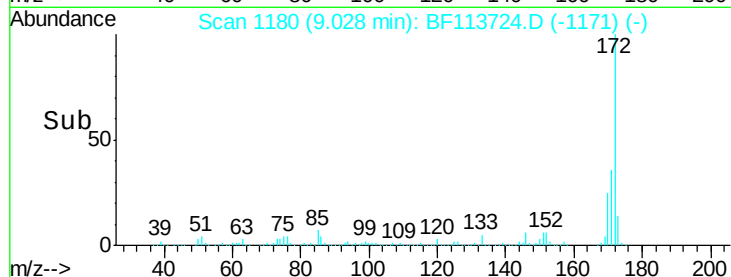
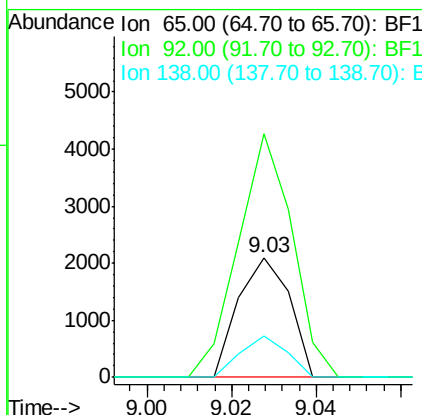
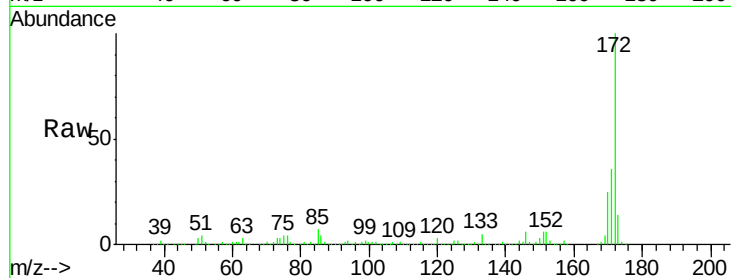




#48
2-Nitroaniline
Concen: 0.419 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.25 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

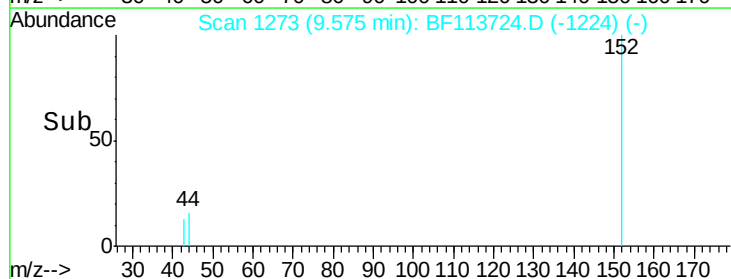
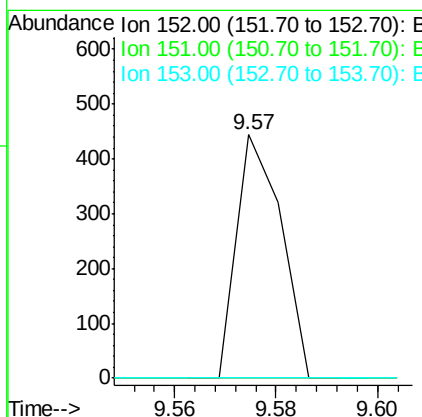
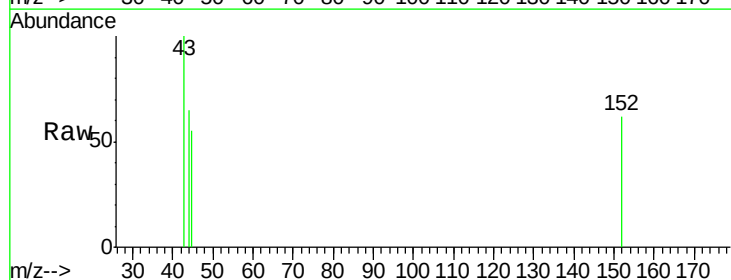
Instrument :
BNA_F
ClientSampleId :

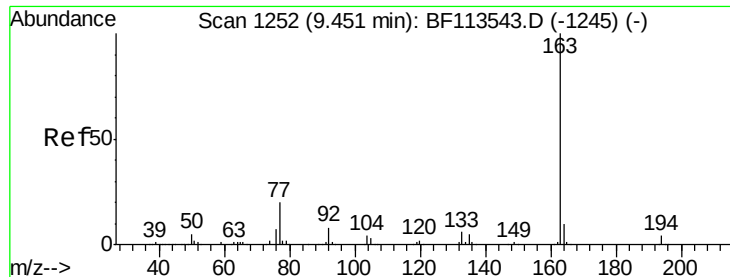
Tot Ion: 65 Resp: 1768
Ion Ratio Lower Upper
65 100
92 203.2 56.8 85.2#
138 34.3 92.3 138.5#



#49
Acenaphthylene
Concen: 0.012 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion: 152 Resp: 270
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.4#
153 0.0 11.0 16.6#

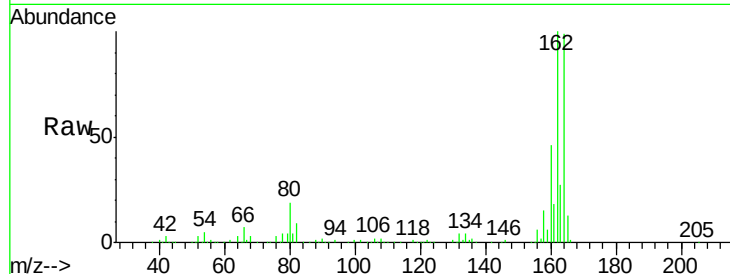




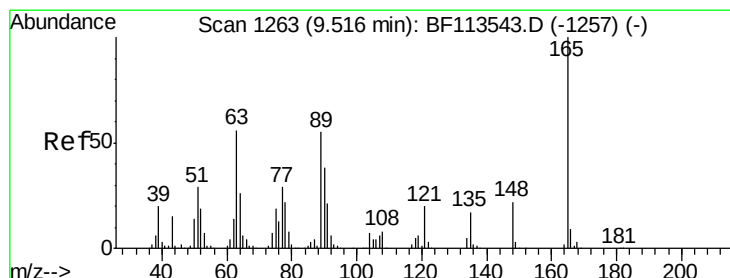
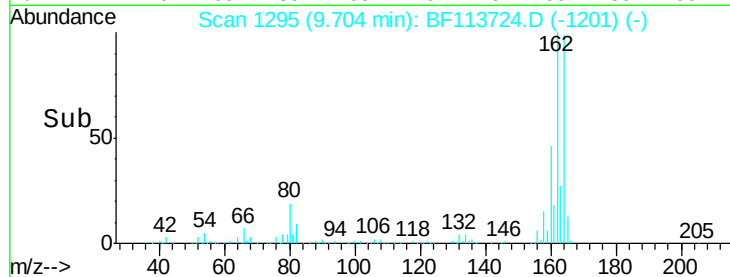
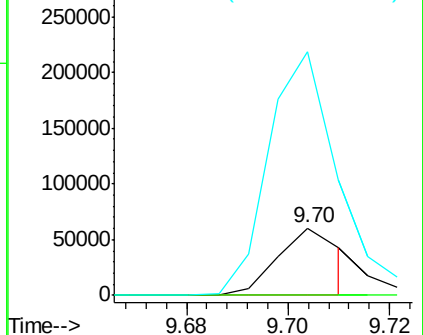
#50
Dimethylphthalate
Concen: 3.100 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.25 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 50460
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 361.8 8.1 12.1#

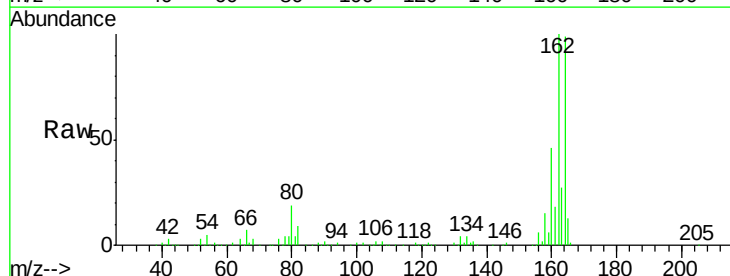


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

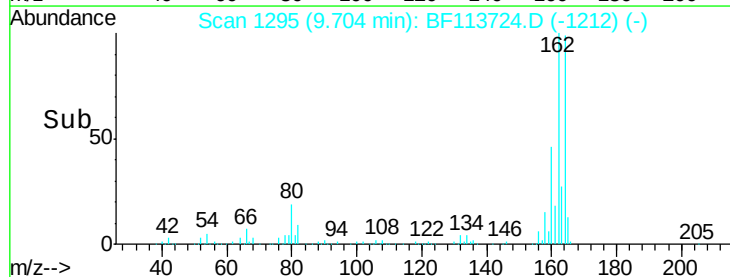
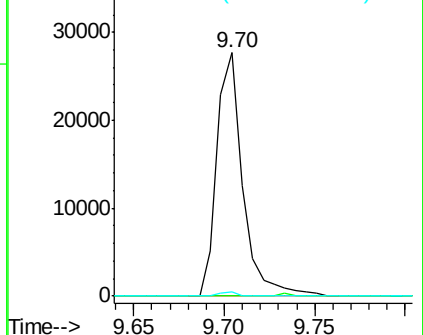


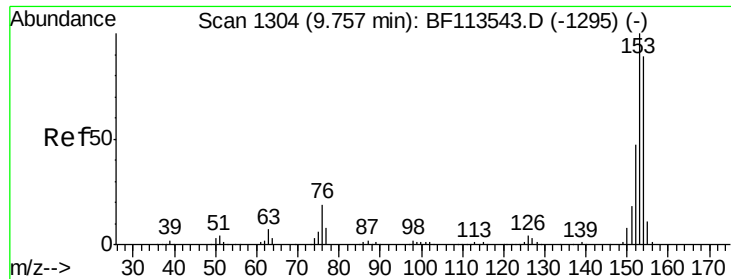
#51
2,6-Dinitrotoluene
Concen: 7.674 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:165 Resp: 27532
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.5 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: 0.317 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampled :

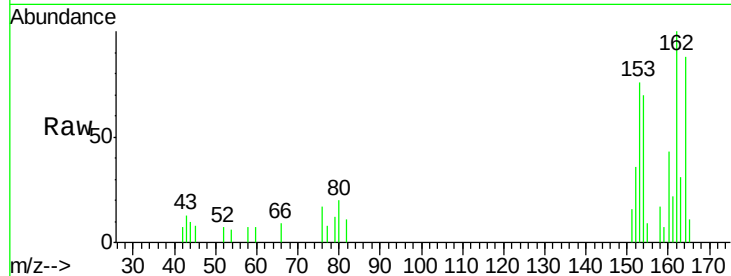
Tot Ion:154 Resp: 4075

Ion Ratio Lower Upper

154 100

153 108.6 89.5 134.3

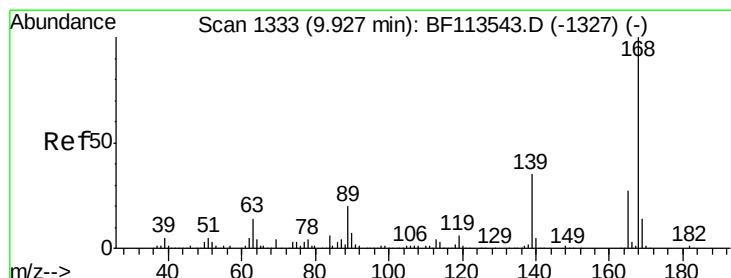
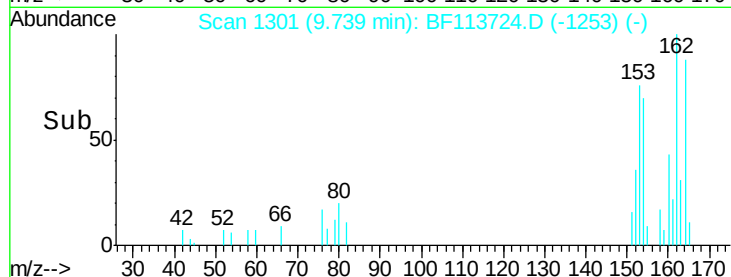
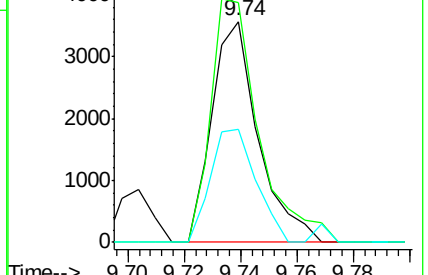
152 51.5 43.3 64.9



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



#55

Dibenzofuran

Concen: 0.153 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

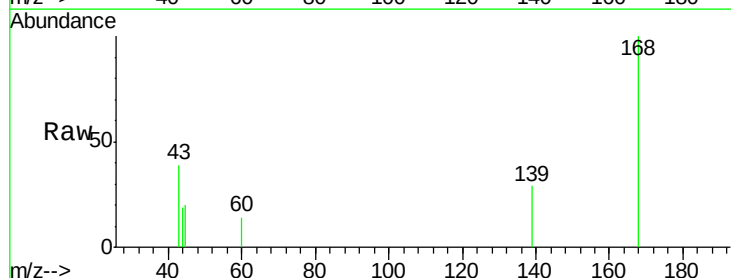
Tgt Ion:168 Resp: 2878

Ion Ratio Lower Upper

168 100

139 29.3 29.7 44.5#

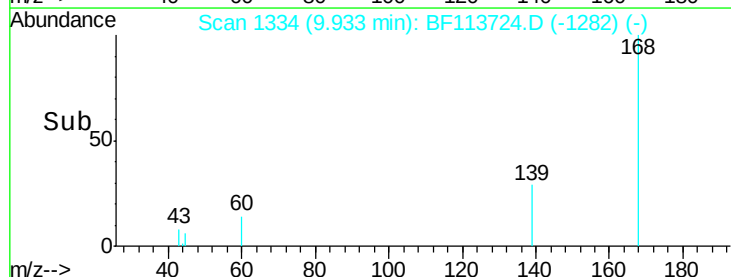
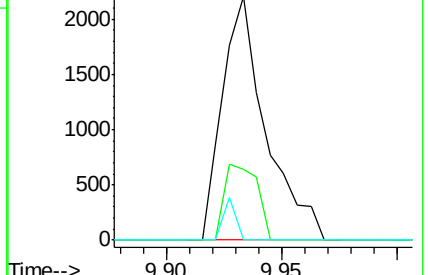
169 0.0 10.7 16.1#

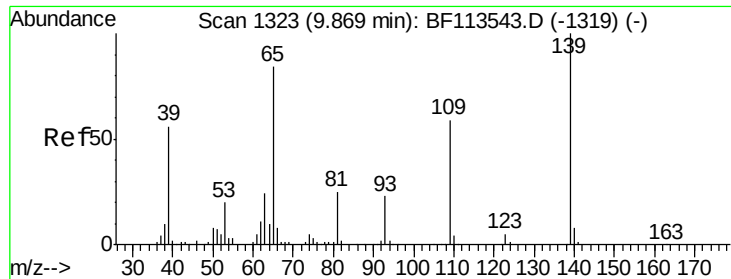


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

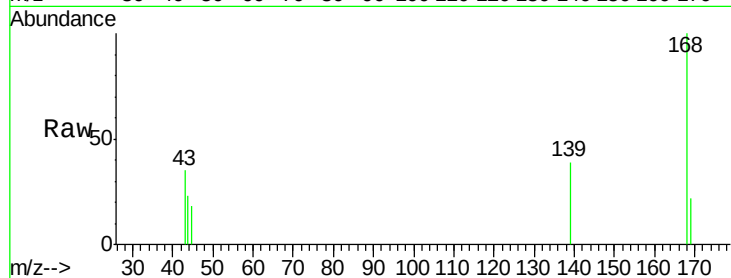




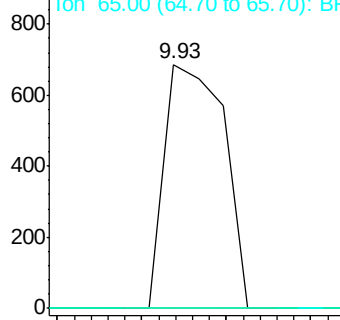
#56
4-Nitrophenol
Concen: 0.265 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.06 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

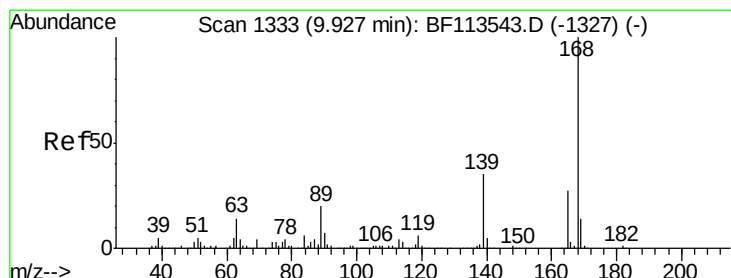
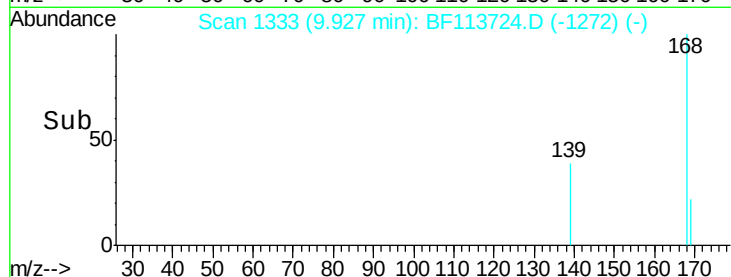
Tot Ion:139 Resp: 671
Ion Ratio Lower Upper
139 100
109 0.0 46.9 86.9#
65 0.0 77.2 117.2#



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

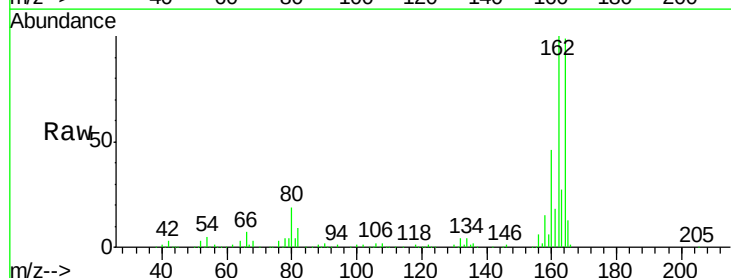


Time--> 9.90 9.92 9.94 9.96

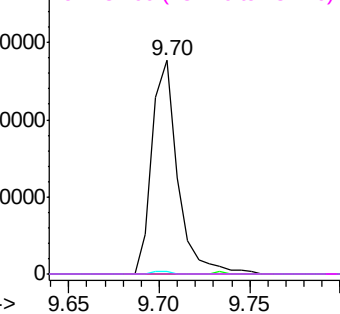


#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

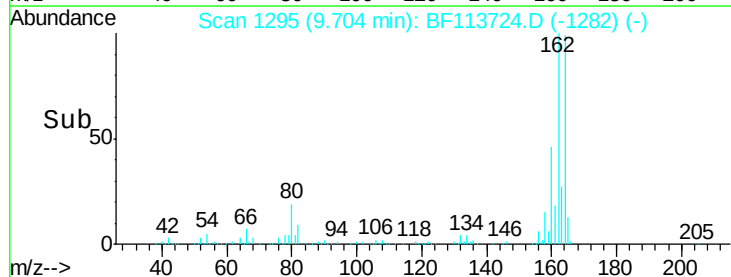
Tgt Ion:165 Resp: 27532
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 1.5 57.4 86.2#
182 0.0 2.0 3.0#

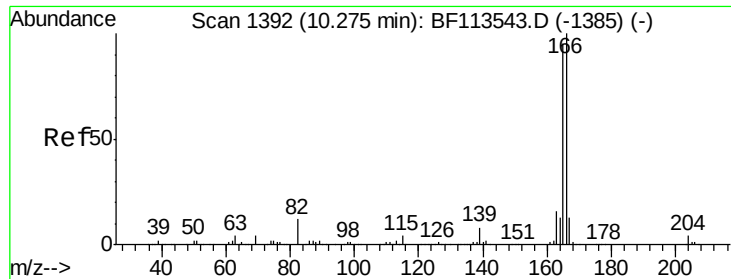


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



Time--> 9.65 9.70 9.75





#58

Fluorene

Concen: 0.320 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampled :

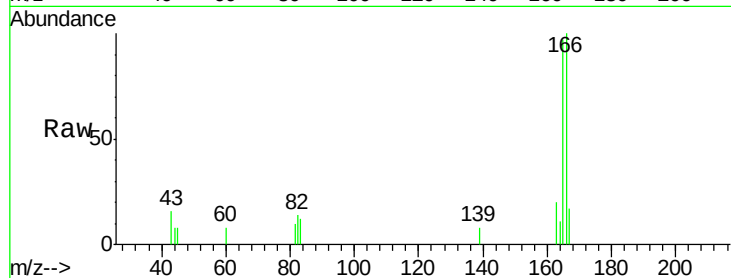
Tot Ion:166 Resp: 4762

Ion Ratio Lower Upper

166 100

165 96.7 76.2 114.2

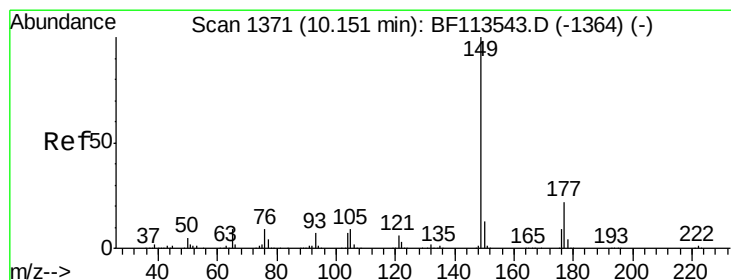
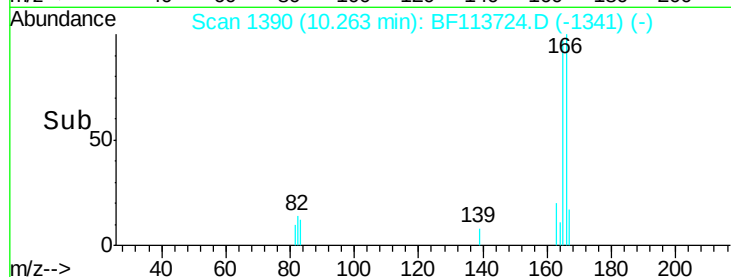
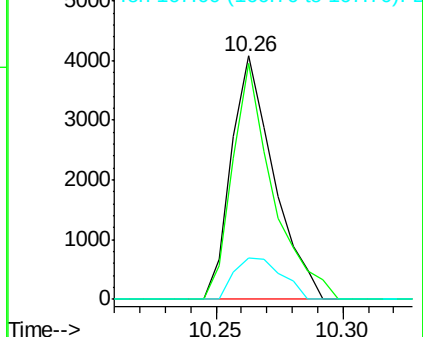
167 17.0 10.7 16.1#



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



#60

Diethylphthalate

Concen: 0.040 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

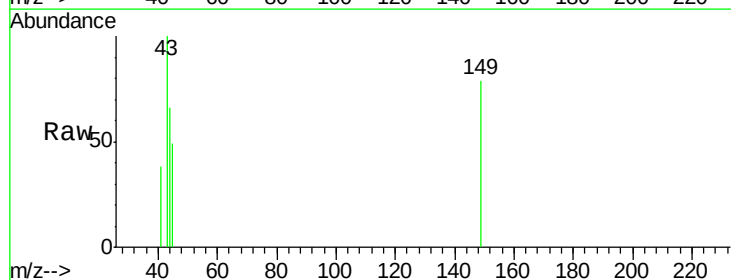
Tgt Ion:149 Resp: 634

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.0#

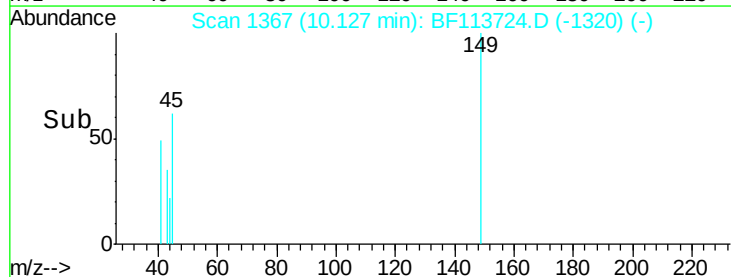
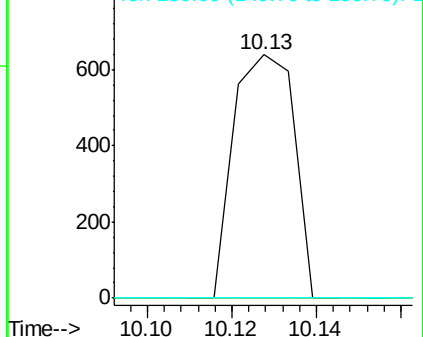
150 0.0 10.0 15.0#

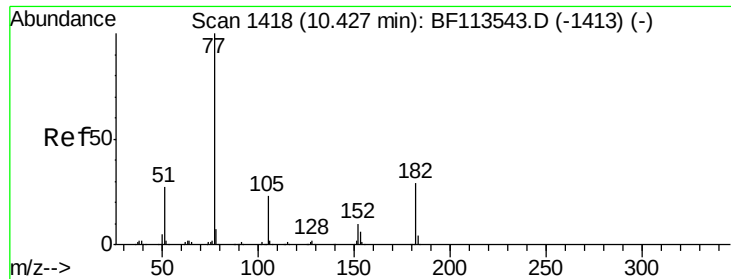


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.078 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.06 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1157

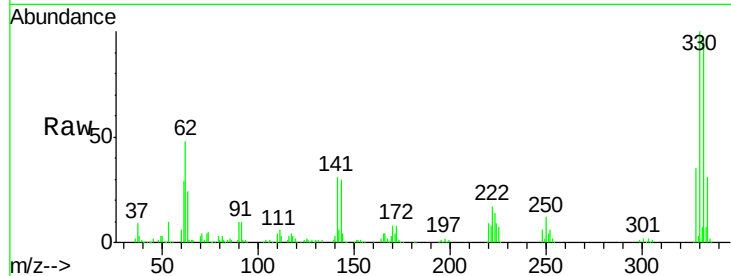
Ion Ratio Lower Upper

77 100

182 38.9 8.7 48.7

105 97.9 2.9 42.9#

51 94.8 8.8 48.8#

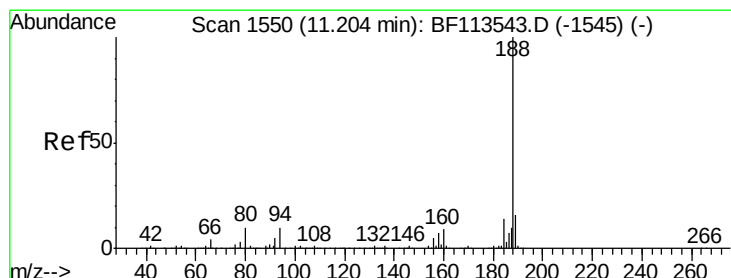
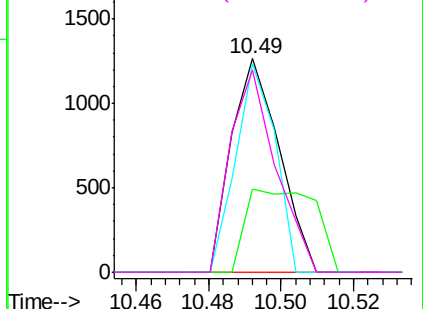
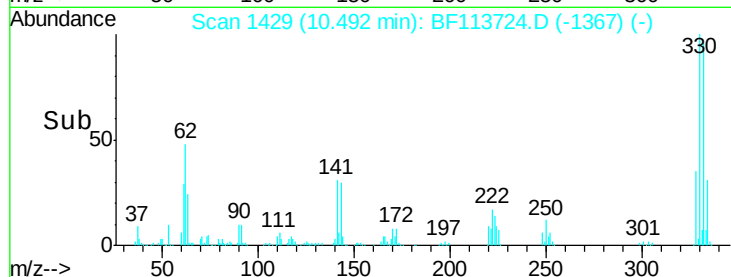


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113724.D

Acq: 11 Apr 2019 17:04

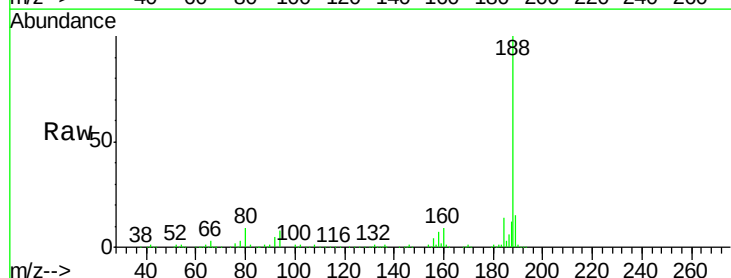
Tgt Ion: 188 Resp: 437618

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

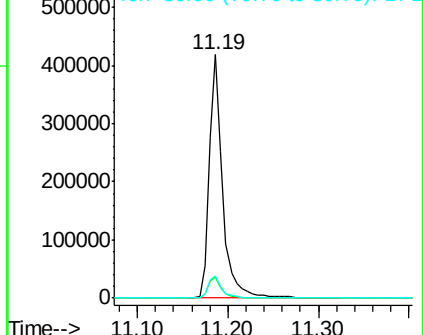
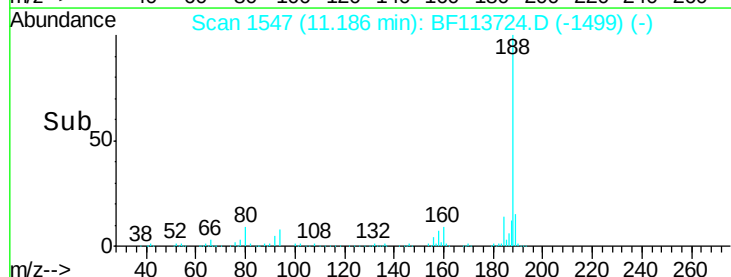
80 9.2 7.7 11.5

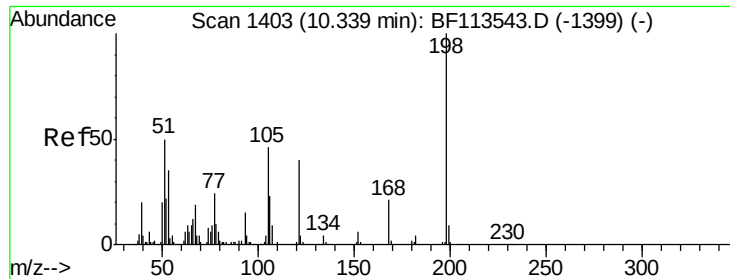


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

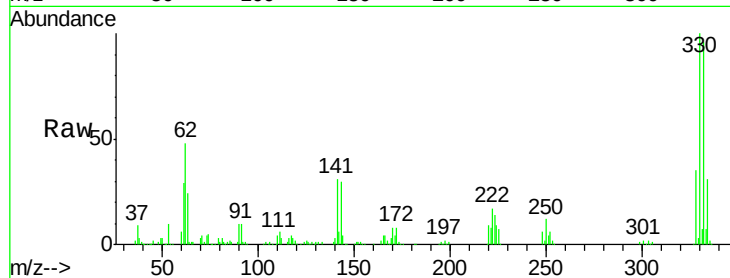




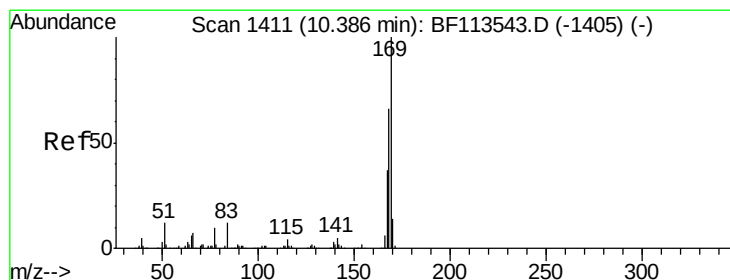
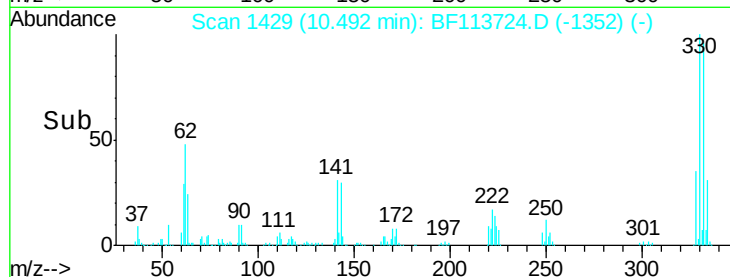
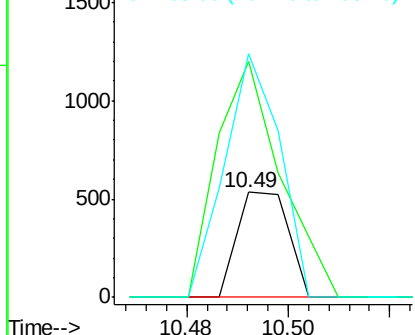
#65
4,6-Dinitro-2-methylphenol
Concen: 0.161 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.15 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 372
Ion Ratio Lower Upper
198 100
51 225.0 21.6 61.6#
105 232.3 20.6 60.6#

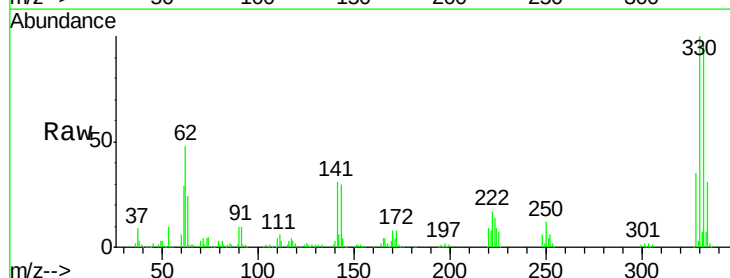


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

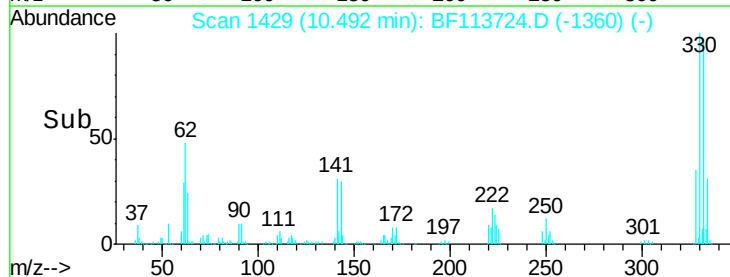
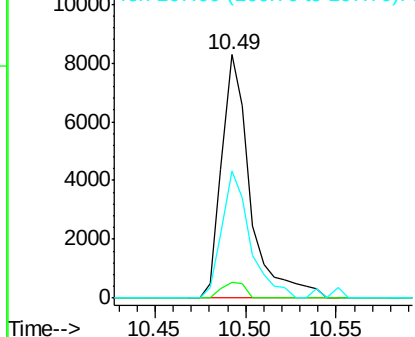


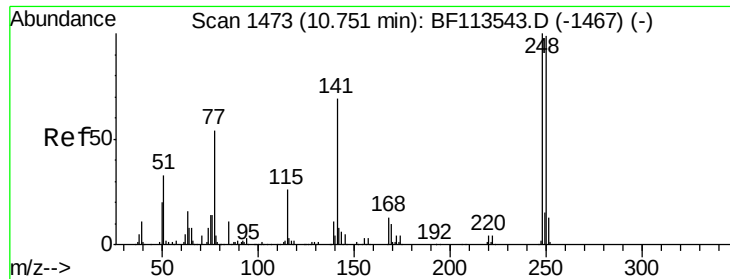
#66
n-Nitrosodiphenylamine
Concen: 0.678 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.11 min
Lab File: BF113724.D
Acq: 11 Apr 2019 17:04

Tgt Ion:169 Resp: 9113
Ion Ratio Lower Upper
169 100
168 6.7 53.7 80.5#
167 52.3 29.5 44.3#



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

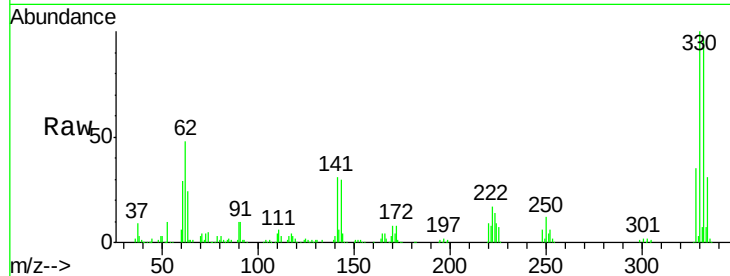




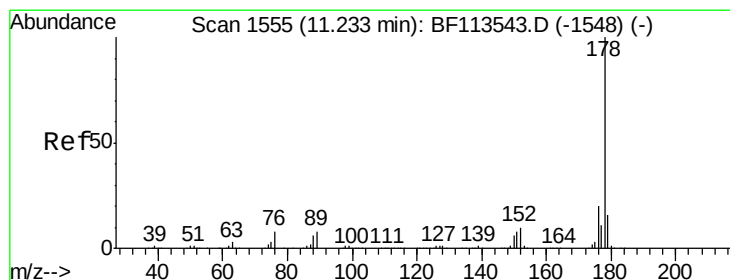
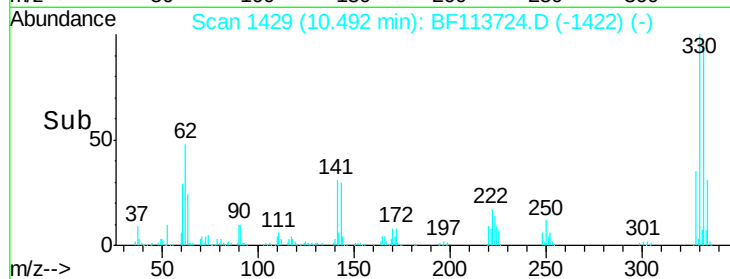
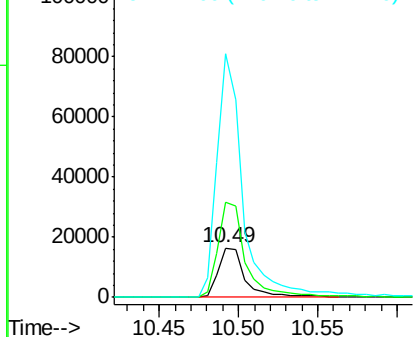
#67
 4-Bromophenyl-phenylether
 Concen: 3.933 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.26 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 19303
 Ion Ratio Lower Upper
 248 100
 250 192.5 78.3 117.5#
 141 494.1 56.2 84.4#

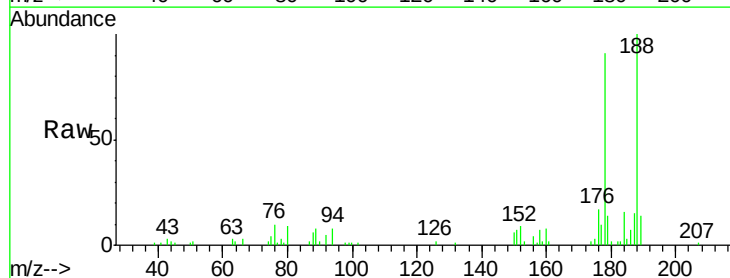


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

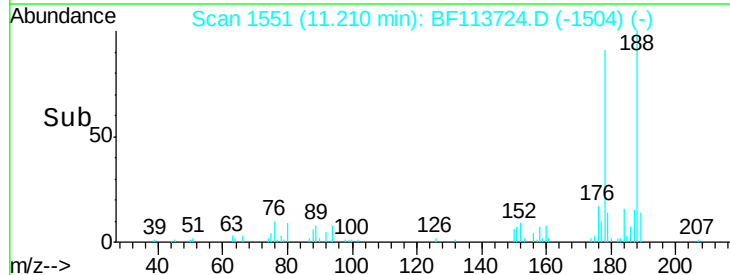
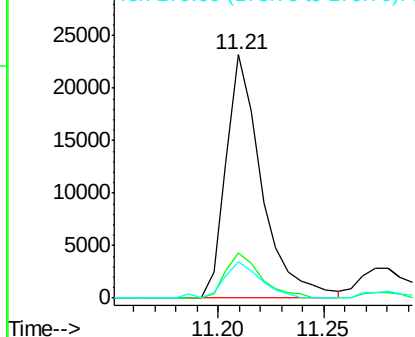


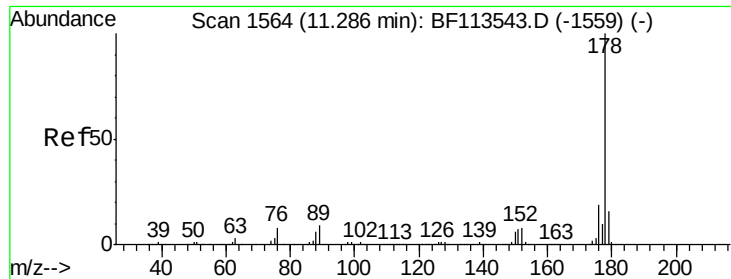
#71
 Phenanthrene
 Concen: 1.249 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Tgt Ion:178 Resp: 27169
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.2
 179 14.9 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: 1.228 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.08 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

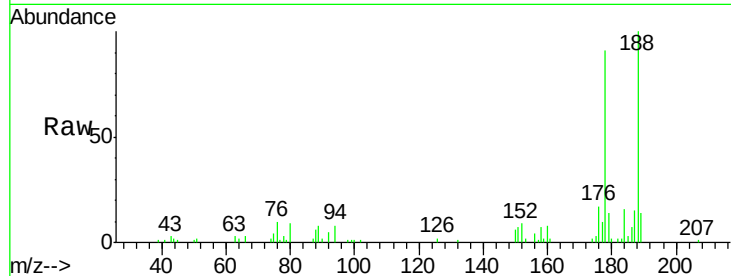
Tot Ion:178 Resp: 27169

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

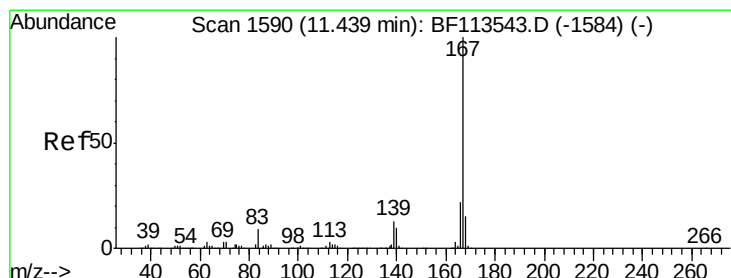
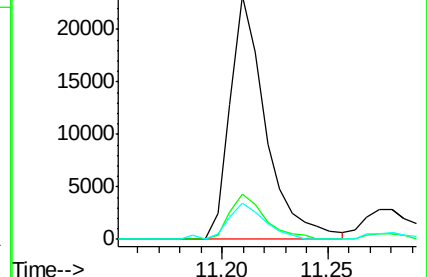
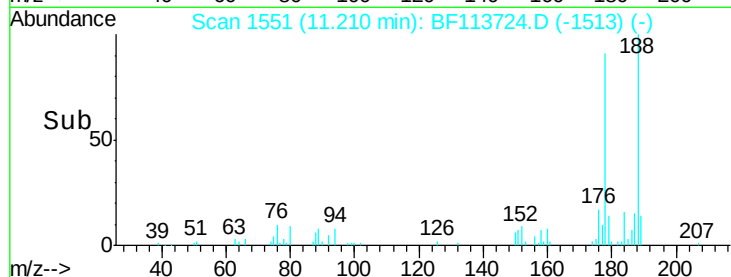
179 14.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.457 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

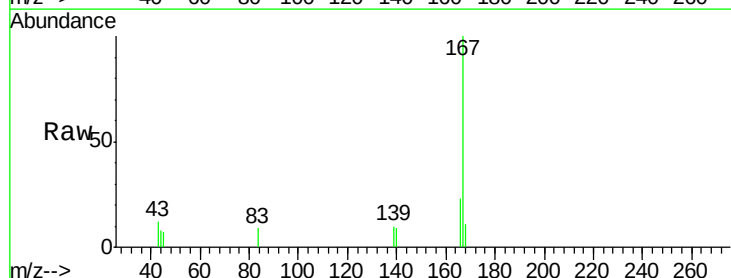
Tgt Ion:167 Resp: 9449

Ion Ratio Lower Upper

167 100

166 23.4 17.4 26.0

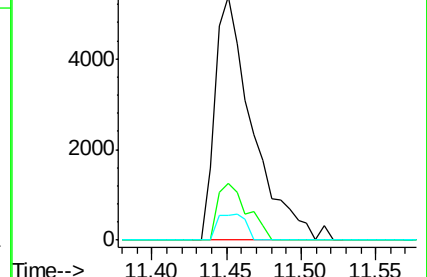
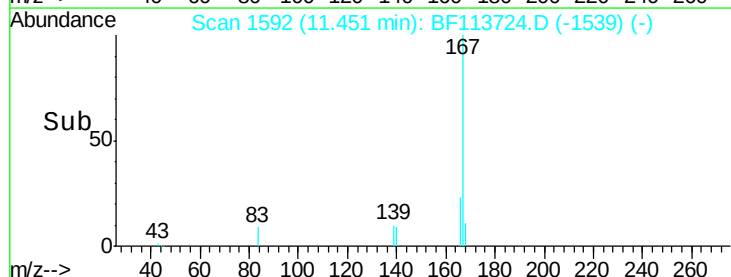
139 10.2 10.4 15.6#

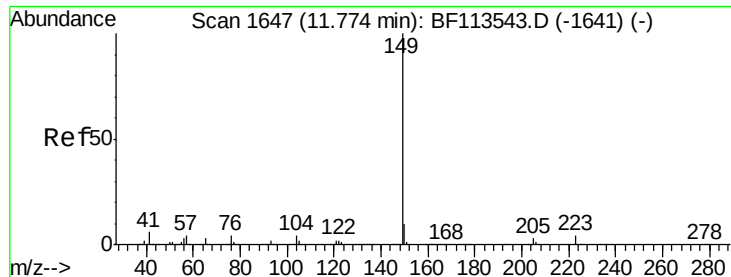


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.100 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

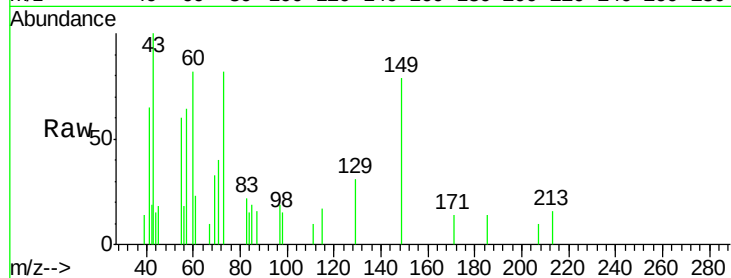
Tot Ion:149 Resp: 2458

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

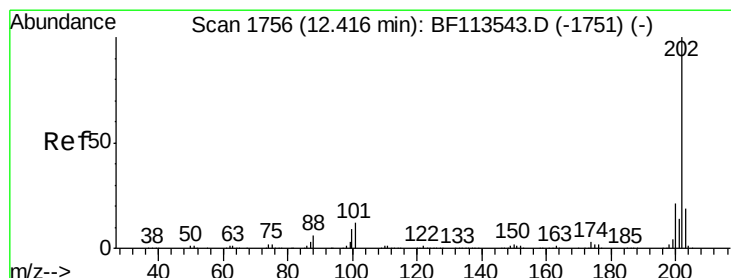
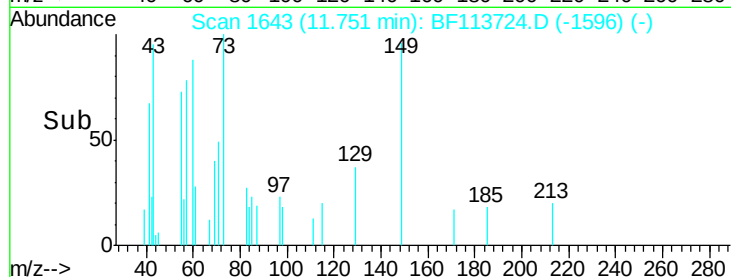
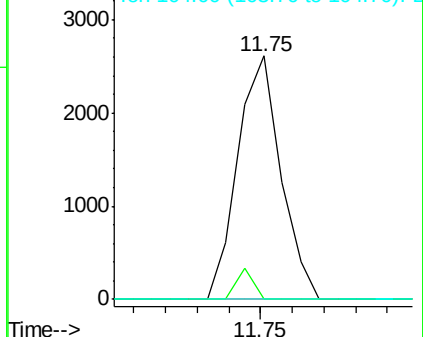
104 0.0 3.7 5.5#



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: 0.361 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

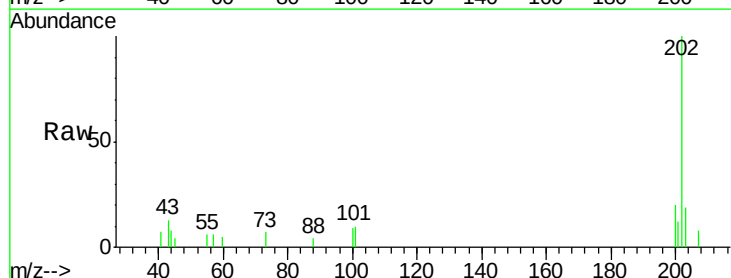
Tgt Ion:202 Resp: 8413

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.4

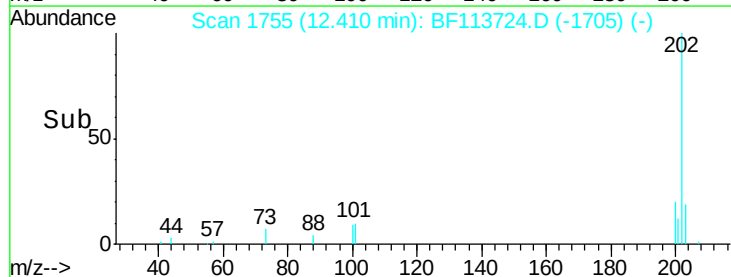
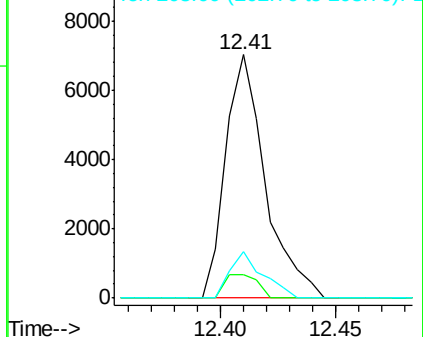
203 18.9 0.0 38.0

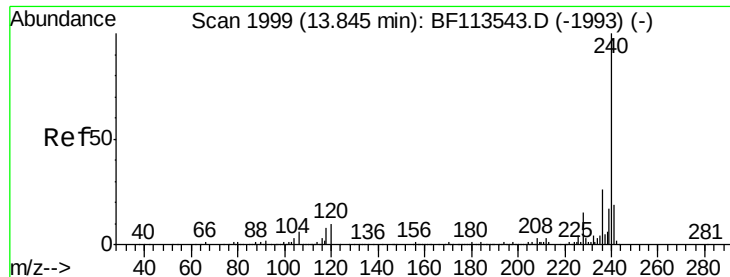


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

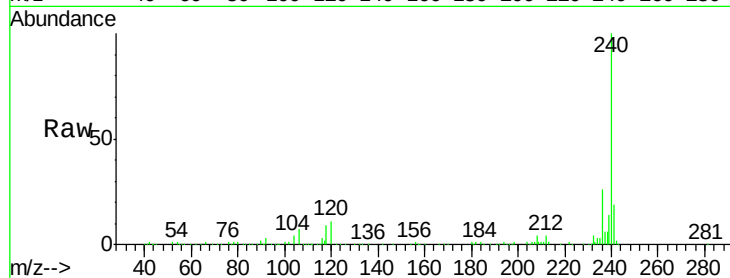
Tot Ion:240 Resp: 307715

Ion Ratio Lower Upper

240 100

120 10.9 8.8 13.2

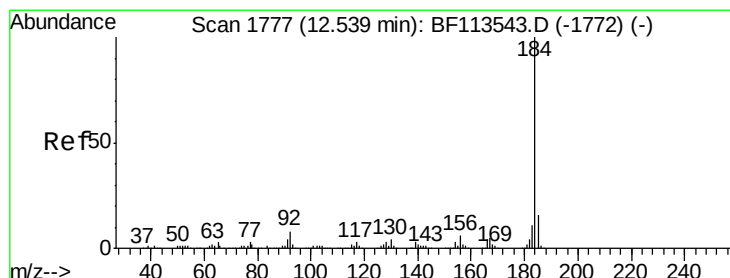
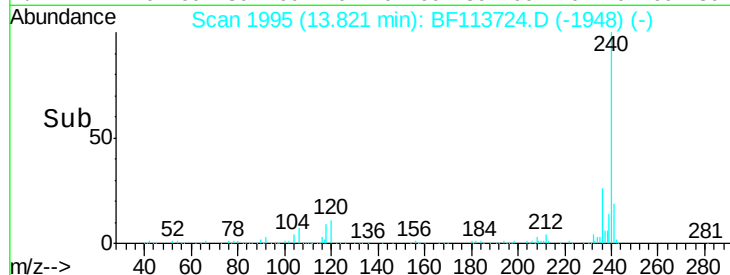
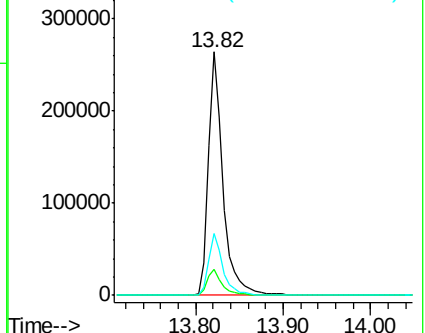
236 25.5 20.9 31.3



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: 1.358 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.23 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

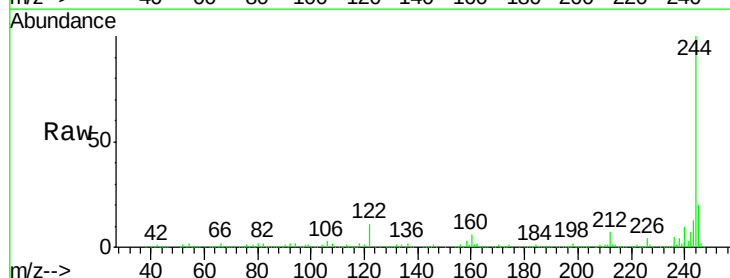
Tgt Ion:184 Resp: 15535

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

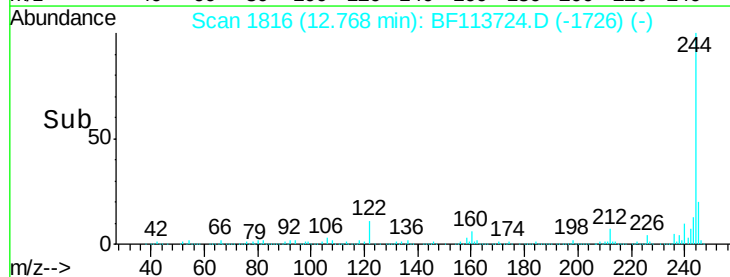
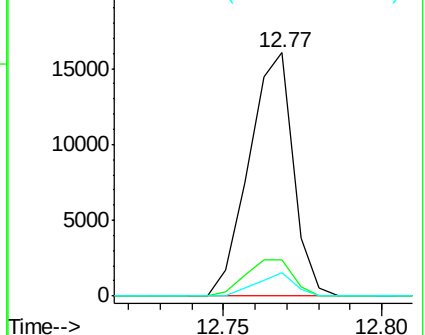
183 9.7 9.0 13.4

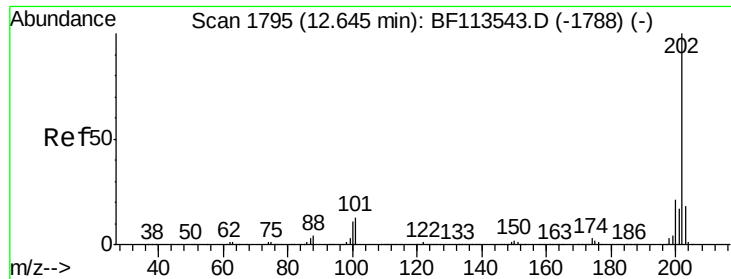


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

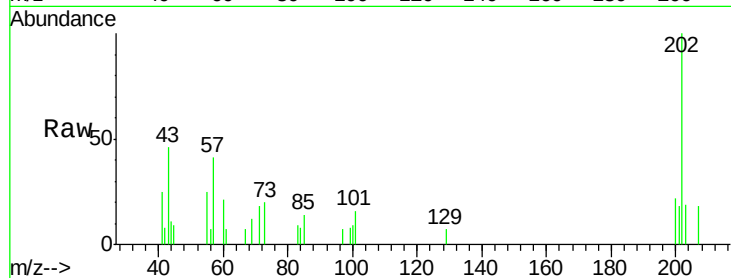




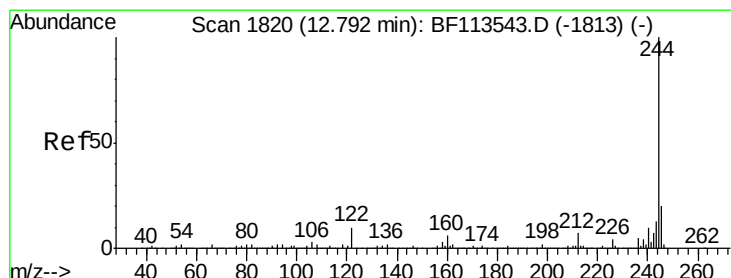
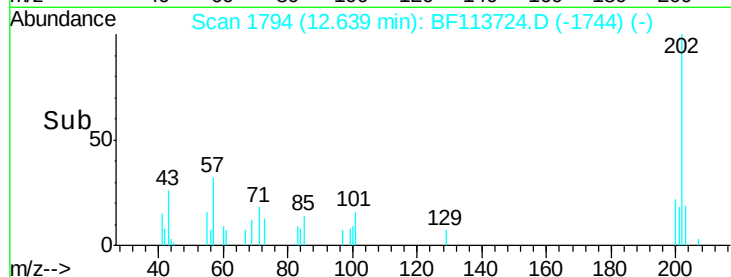
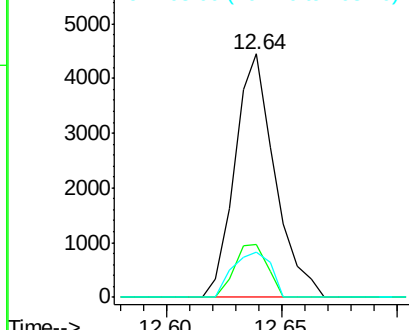
#78
 Pvrene
 Concen: 0.229 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	18.6	14.4	21.6

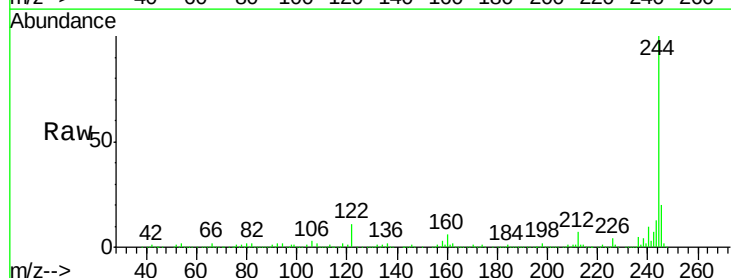


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

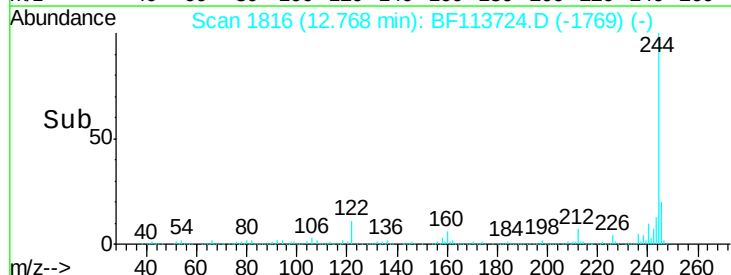
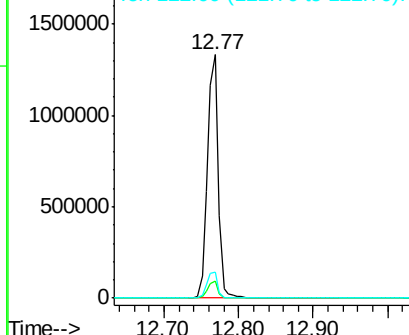


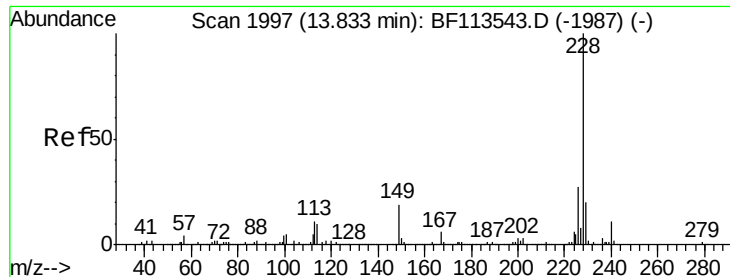
#79
 Terphenyl-d14
 Concen: 88.686 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.5	8.6	13.0



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





#81

Benzo(a)anthracene

Concen: 0.085 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113724.D

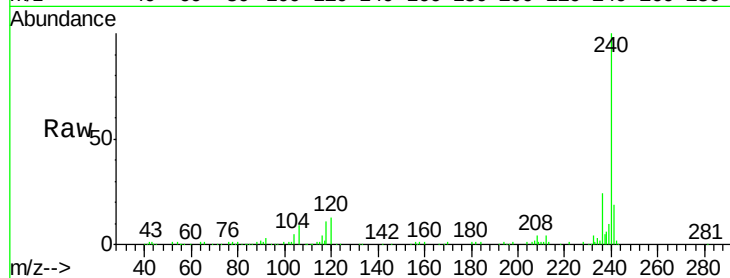
Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampled :

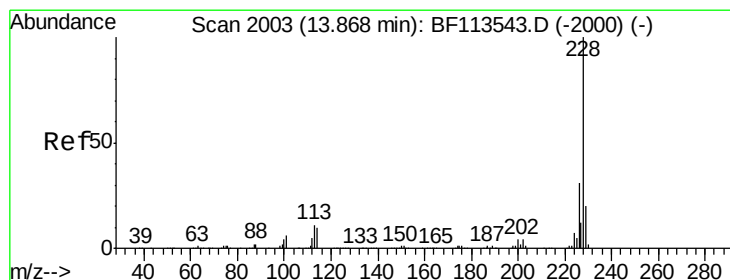
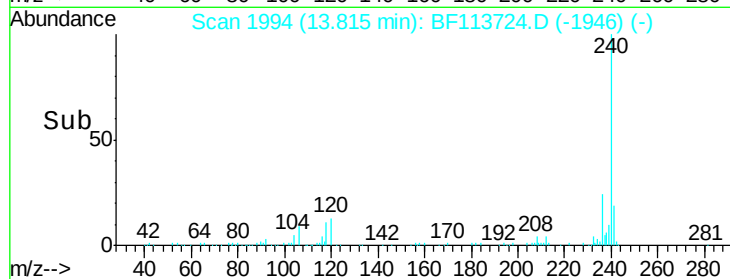
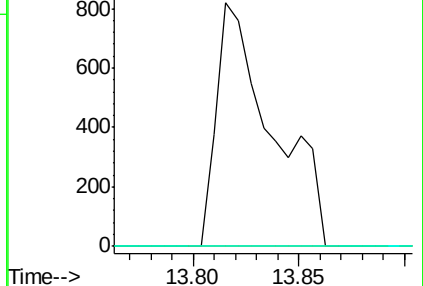
Tot Ion:228	Resp:	1502
Ion Ratio	Lower	Upper
228	100	
226	0.0	21.8 32.8#
229	0.0	16.2 24.4#



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: 0.083 ng

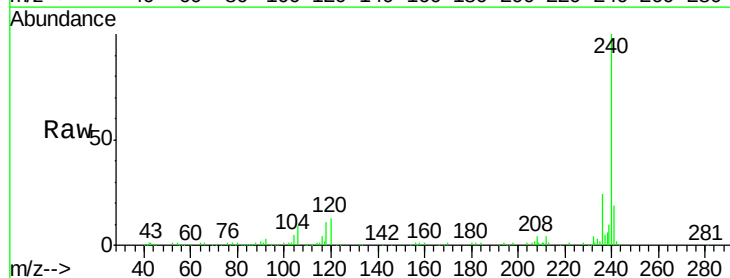
RT: 13.82 min Scan# 1994

Delta R.T. -0.05 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

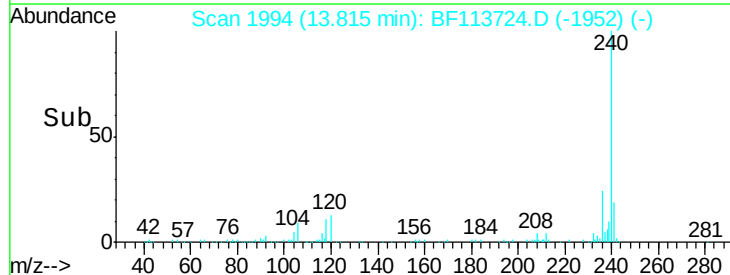
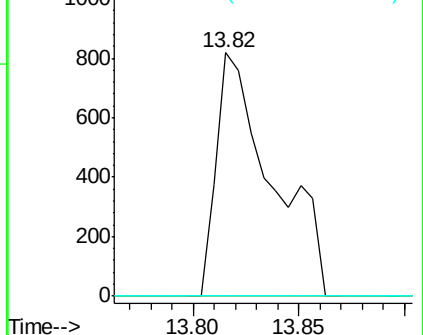
Tgt Ion:228	Resp:	1502
Ion Ratio	Lower	Upper
228	100	
226	0.0	24.3 36.5#
229	0.0	16.3 24.5#

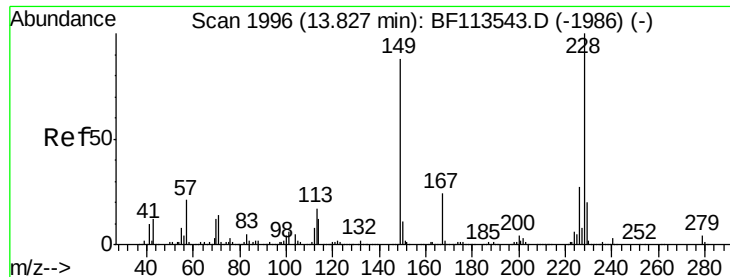


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

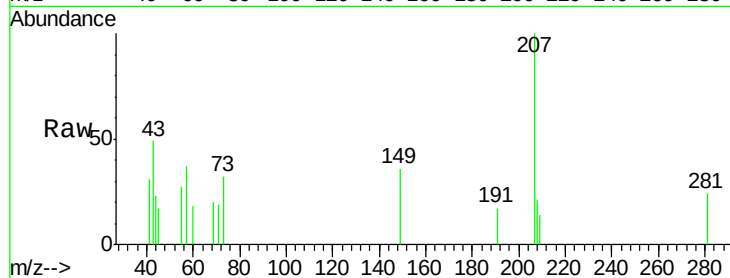
Tot Ion:149 Resp: 590

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

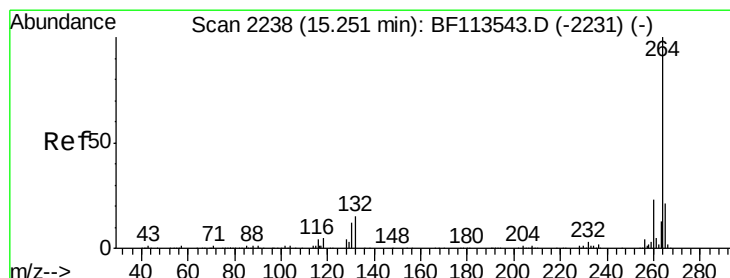
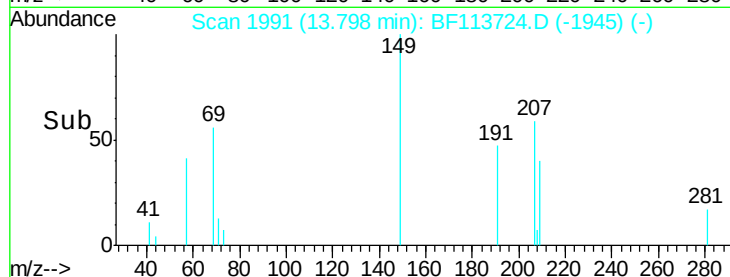
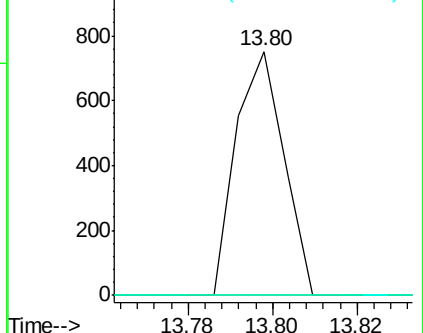
279 0.0 2.9 4.3#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

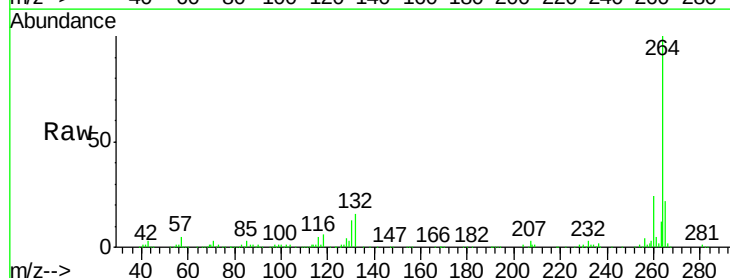
Tgt Ion:264 Resp: 304648

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

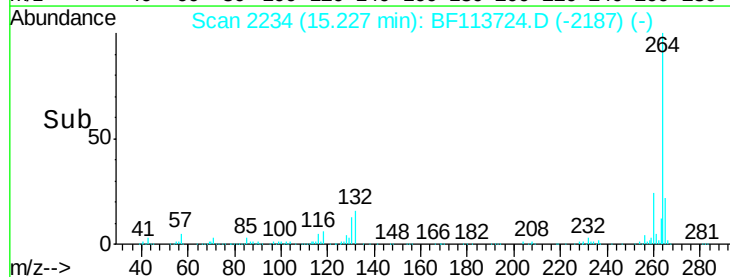
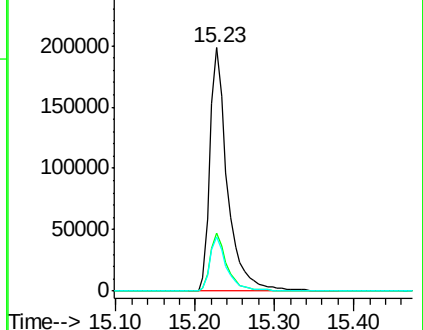
265 22.3 17.1 25.7

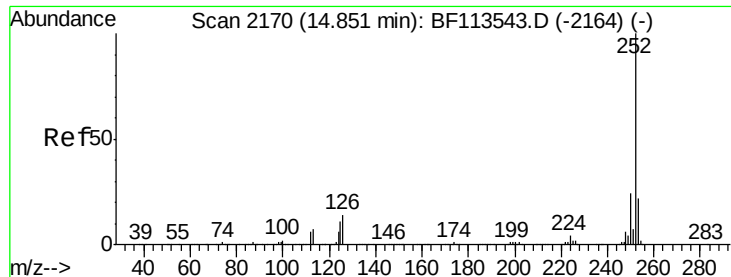


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 14.86 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

Instrument :

BNA_F

ClientSampleId :

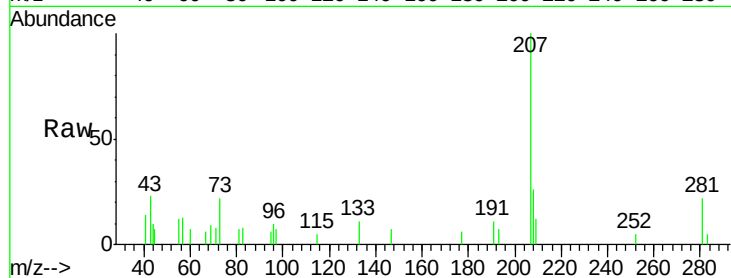
Tot Ion:252 Resp: 121

Ion Ratio Lower Upper

252 100

253 0.0 18.0 27.0#

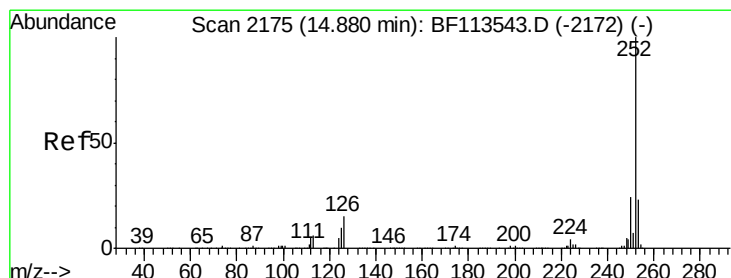
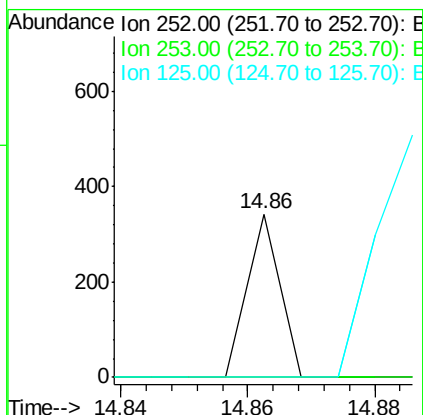
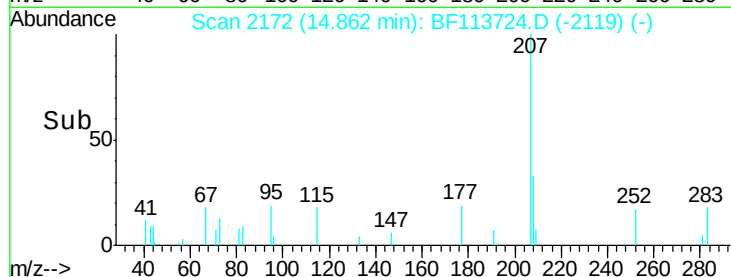
125 0.0 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF113724.D

Acq: 11 Apr 2019 17:04

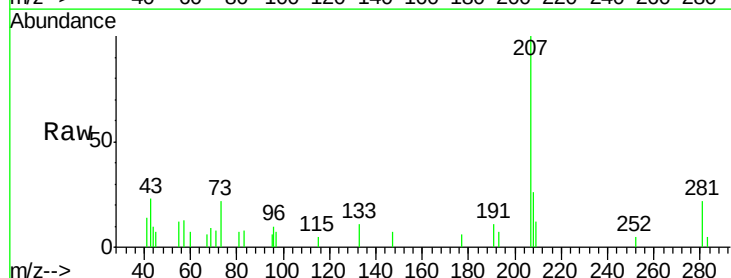
Tgt Ion:252 Resp: 121

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

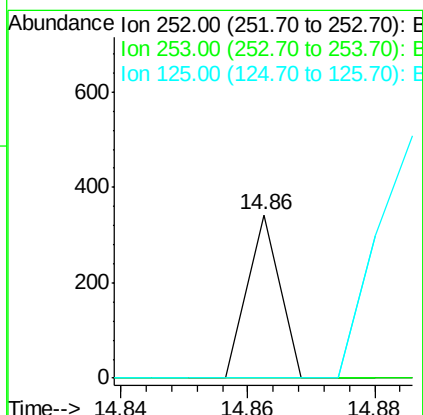
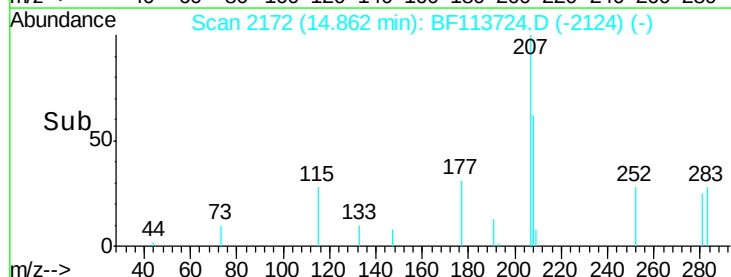
125 0.0 7.3 10.9#

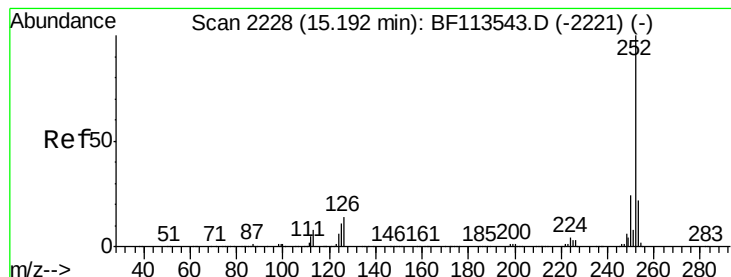


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
 Benzo(a)pyrene
 Concen: 0.040 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.04 min
 Lab File: BF113724.D
 Acq: 11 Apr 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	61.5	17.9	26.9#
125	111.7	8.8	13.2#

