

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113721.D
 Acq On : 11 Apr 2019 15:37
 Operator : JU/SJ
 Sample : K2343-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:59:45 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	113585	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	422587	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	201168	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	389189	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	262998	20.00	ng	-0.02
87) Perylene-d12	15.23	264	281883	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	790641	118.70	ng	0.00
7) Phenol-d6	6.33	99	916179	111.60	ng	-0.01
23) Nitrobenzene-d5	7.24	82	693032	96.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	335244	138.73	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1291247	103.33	ng	-0.02
79) Terphenyl-d14	12.77	244	1233320	95.48	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.15	88	106	0.034	ng	# 1
4) n-Nitrosodimethylamine	3.02	42	112	0.032	ng	# 1
6) Aniline	6.45	93	1096	0.110	ng	# 1
9) Benzaldehyde	6.33	77	882	0.181	ng	# 1
10) Phenol	6.45	94	1754	0.187	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	1096	0.150	ng	# 1
15) Benzyl Alcohol	6.83	79	9957	1.794	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	6.93	45	133	0.012	ng	# 63
19) n-Nitroso-di-n-propylamine	7.24	70	88863	17.553	ng	# 77
22) Acetophenone	7.12	105	588	0.063	ng	# 51
24) Nitrobenzene	7.24	77	1633	0.220	ng	# 39
25) Isophorone	7.24	82	693028	49.867	ng	# 64
31) Naphthalene	7.97	128	1476	0.072	ng	# 68
37) 2-Methylnaphthalene	8.69	142	540	0.040	ng	# 69
38) 1-Methylnaphthalene	8.78	142	392	0.030	ng	# 7
46) 1,1'-Biphenyl	9.13	154	2250	0.136	ng	# 84
48) 2-Nitroaniline	9.03	65	1632	0.424	ng	# 1
49) Acenaphthylene	9.73	152	645	0.032	ng	# 1
50) Dimethylphthalate	9.70	163	46558	3.140	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	25746	7.877	ng	# 26
52) Acenaphthene	9.74	154	955	0.082	ng	# 95
55) Dibenzofuran	9.94	168	868	0.051	ng	# 45
57) 2,4-Dinitrotoluene	9.70	165	25746	6.513	ng	# 23
58) Fluorene	10.26	166	1006	0.074	ng	# 85
63) Azobenzene	10.49	77	988	0.073	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.49	198	325	0.159	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	8589	0.719	ng	# 45
67) 4-Bromophenyl-phenylether	10.49	248	17932	4.108	ng	# 1
71) Phenanthrene	11.21	178	3585	0.185	ng	# 91
72) Anthracene	11.21	178	3585	0.182	ng	# 92
74) Di-n-butylphthalate	11.75	149	1234	0.056	ng	# 78
75) Fluoranthene	12.42	202	860	0.041	ng	# 64
77) Benzidine	12.77	184	14176	1.449	ng	# 96
78) Pyrene	12.64	202	345	0.017	ng	# 57

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113721.D
Acq On : 11 Apr 2019 15:37
Operator : JU/SJ
Sample : K2343-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 00:59:45 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

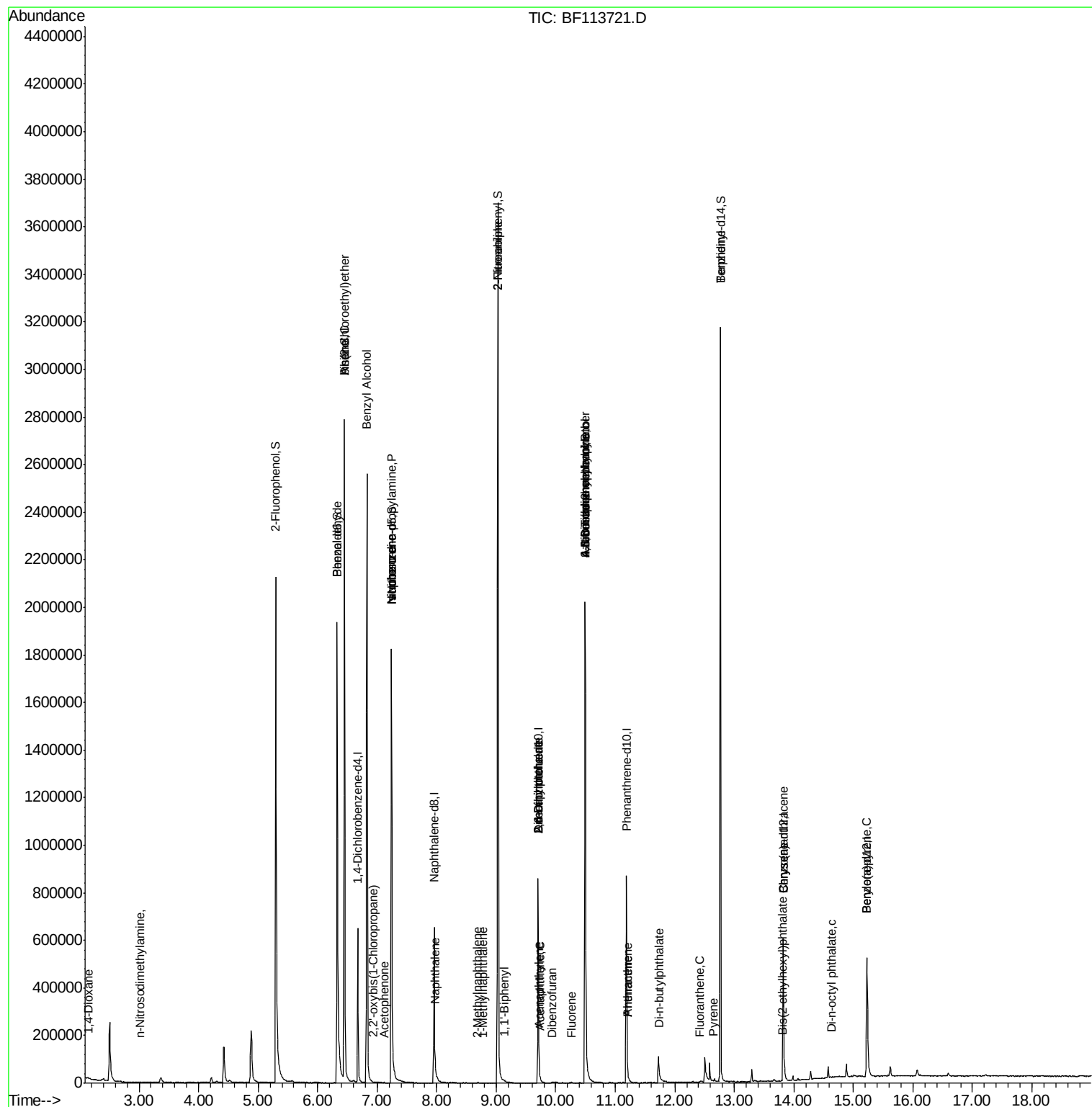
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	13.82	228	523	0.034	ng	# 51
83) Chrysene	13.82	228	523	0.034	ng	# 49
84) Bis(2-ethylhexyl)phthalate	13.80	149	315	0.032	ng	# 52
85) Di-n-octyl phthalate	14.64	149	113	0.007	ng	# 77
90) Benzo(a)pyrene	15.23	252	710	0.046	ng	# 12

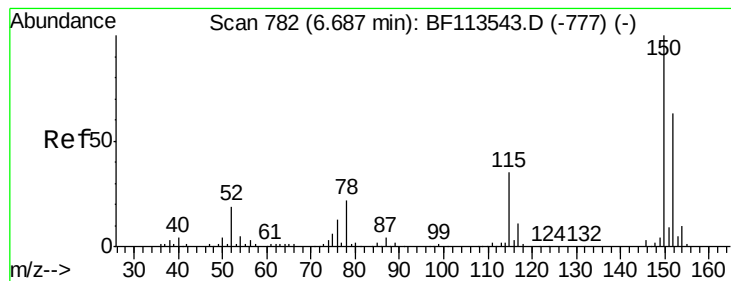
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113721.D
Acq On : 11 Apr 2019 15:37
Operator : JU/SJ
Sample : K2343-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 00:59:45 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampled :

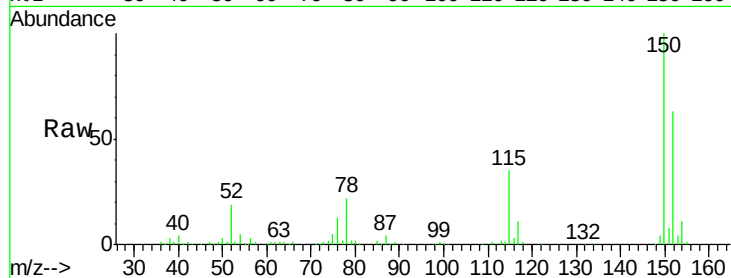
Tot Ion:152 Resp: 113585

Ion Ratio Lower Upper

152 100

150 157.6 124.7 187.1

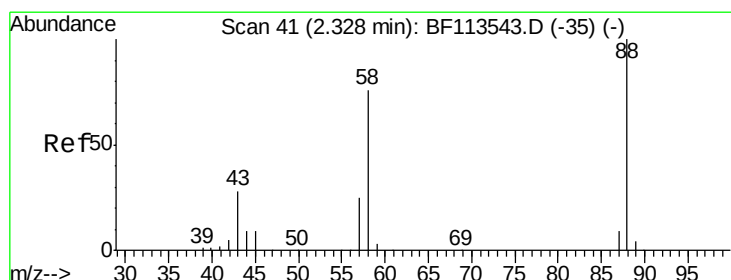
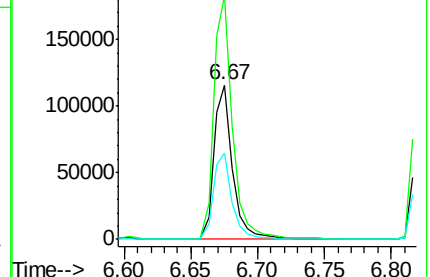
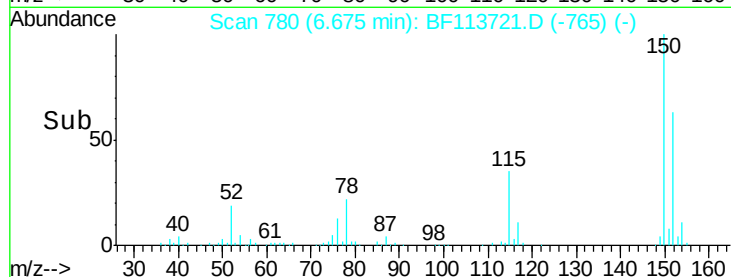
115 55.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.034 ng

RT: 2.15 min Scan# 11

Delta R.T. -0.18 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

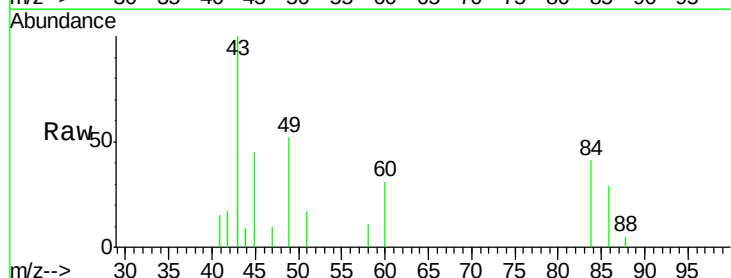
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

58 238.7 61.9 92.9#

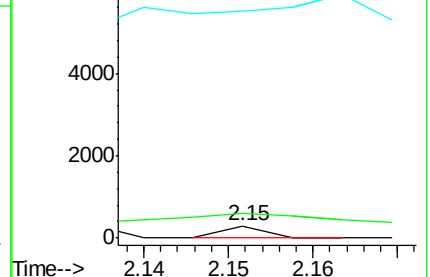
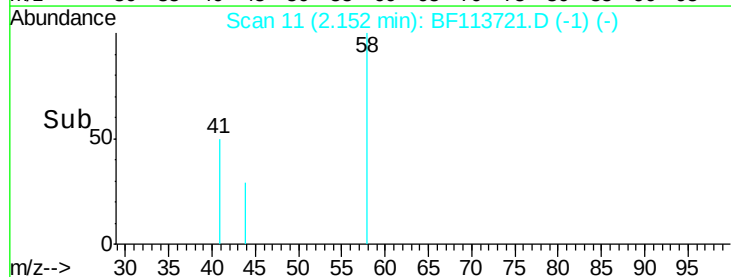
43 0.0 24.2 36.4#

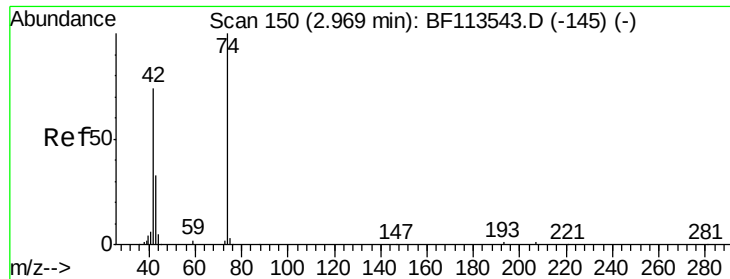


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



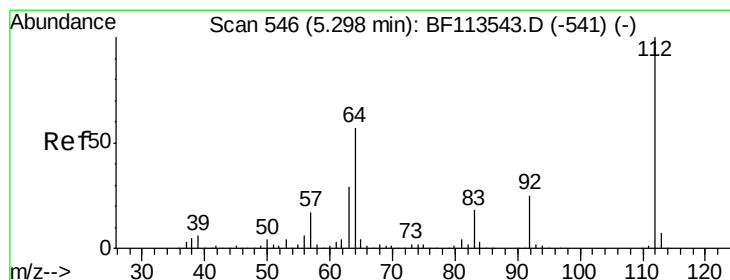
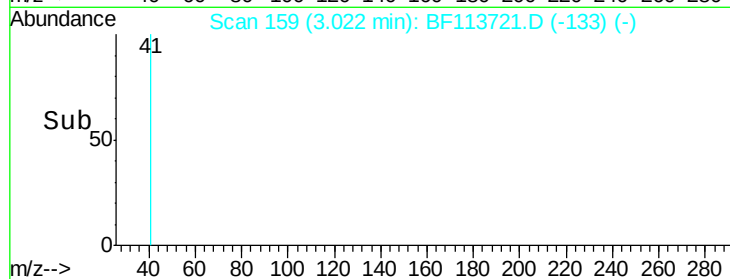
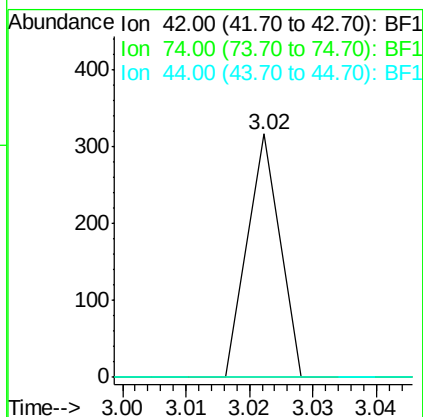
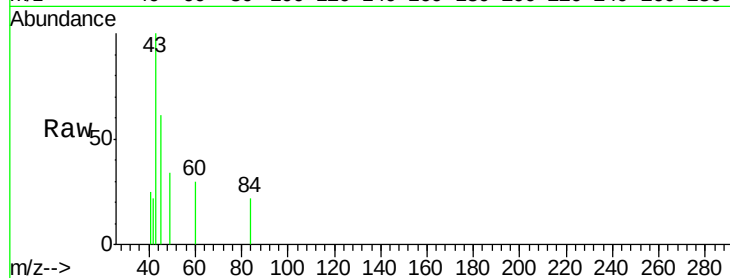


#4

n-Nitrosodimethylamine
 Concen: 0.032 ng
 RT: 3.02 min Scan# 159
 Delta R.T. 0.05 min
 Lab File: BF113721.D
 Acq: 11 Apr 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

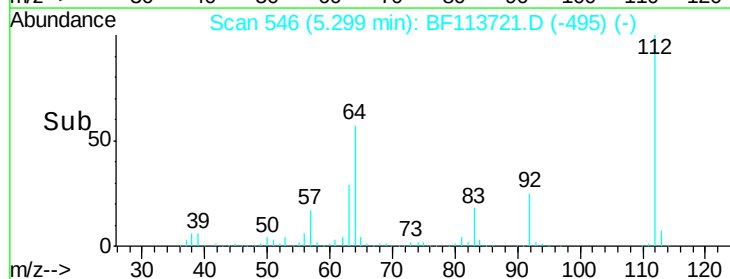
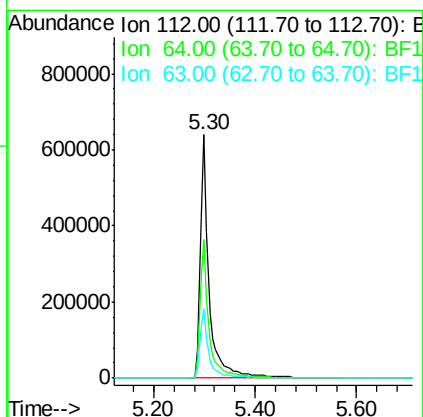
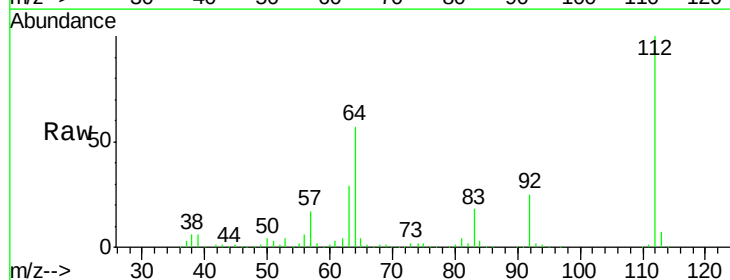
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.4	153.6#
44	0.0	5.5	8.3#

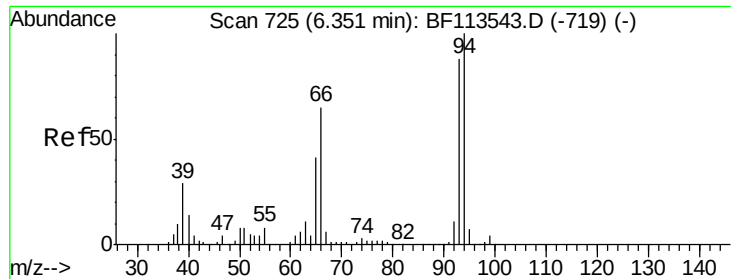


#5

2-Fluorophenol
 Concen: 118.697 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113721.D
 Acq: 11 Apr 2019 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	49.2	73.8
63	28.7	24.9	37.3





#6

Aniline

Concen: 0.110 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.10 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

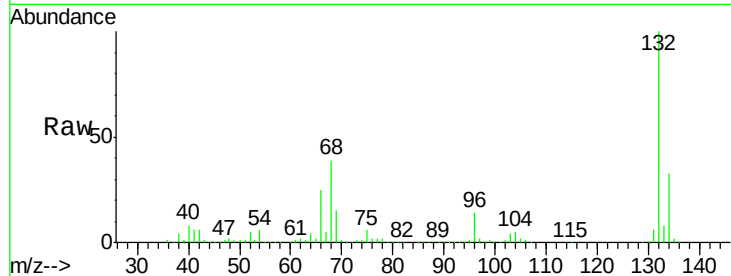
Tot Ion: 93 Resp: 1096

Ion Ratio Lower Upper

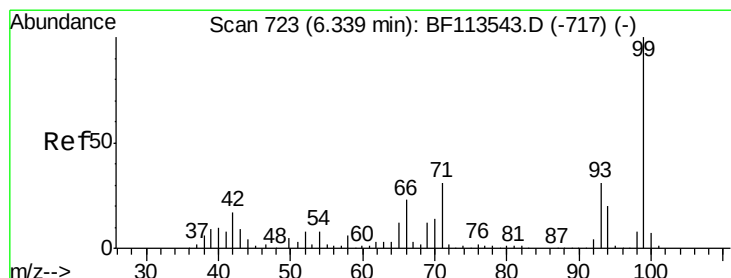
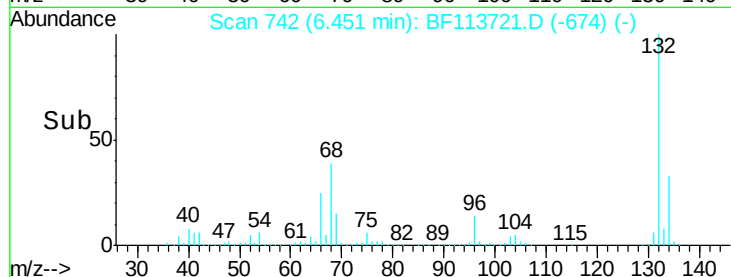
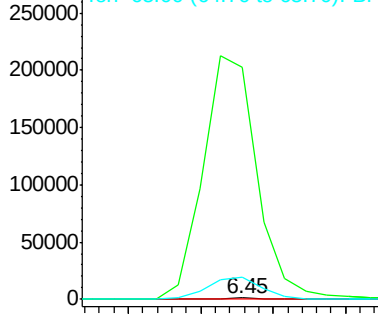
93 100

66 16676.9 62.1 93.1#

65 1638.8 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: 111.597 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

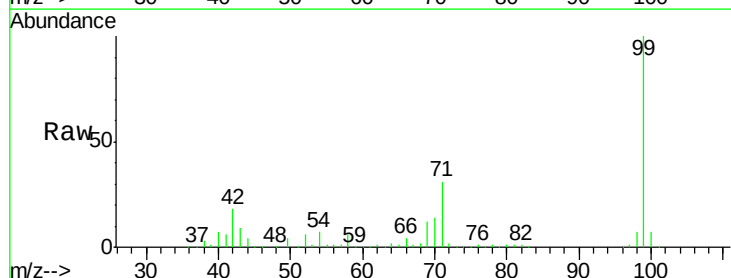
Tgt Ion: 99 Resp: 916179

Ion Ratio Lower Upper

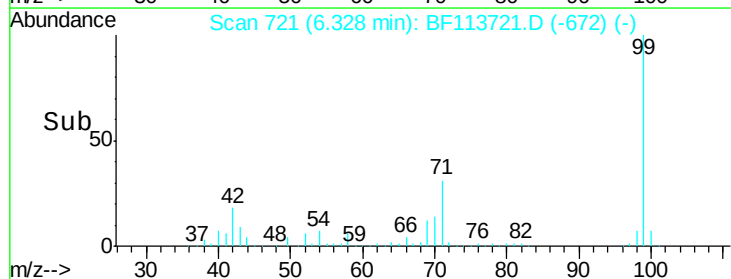
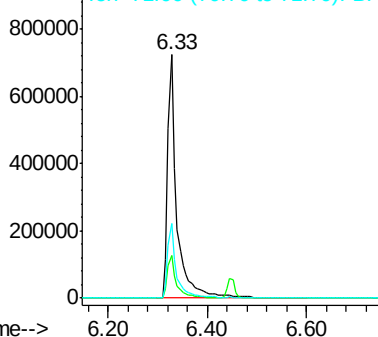
99 100

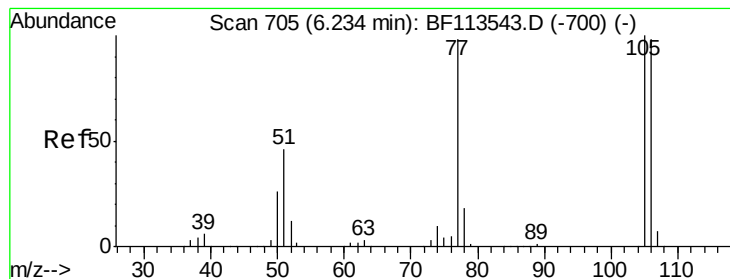
42 17.7 14.8 22.2

71 30.9 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: 0.181 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.09 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampled :

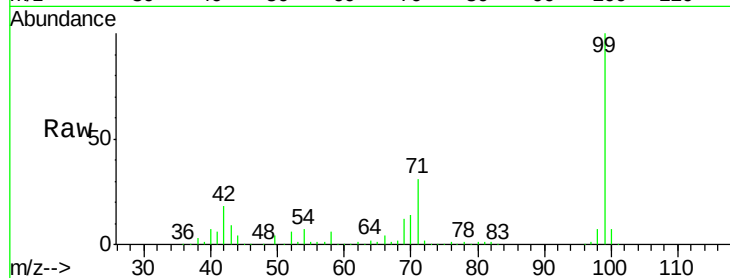
Tot Ion: 77 Resp: 882

Ion Ratio Lower Upper

77 100

105 0.0 80.9 120.9#

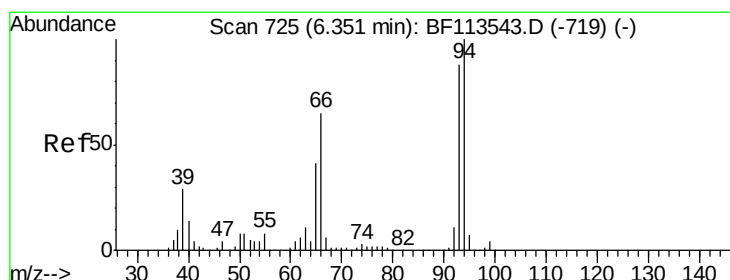
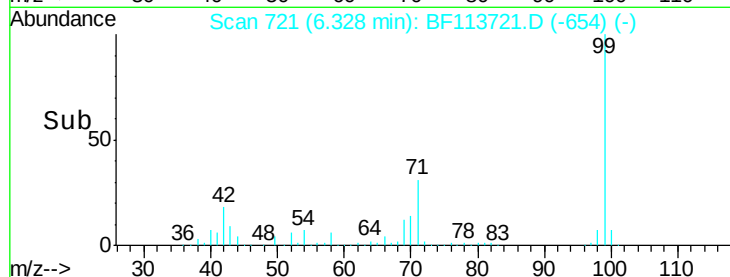
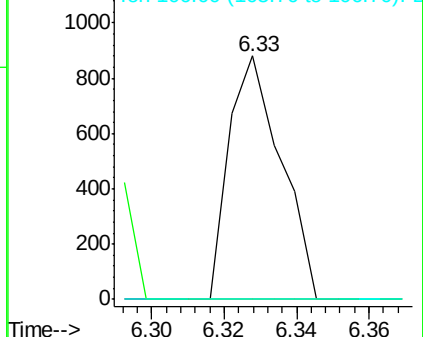
106 0.0 77.8 117.8#



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: 0.187 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.10 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

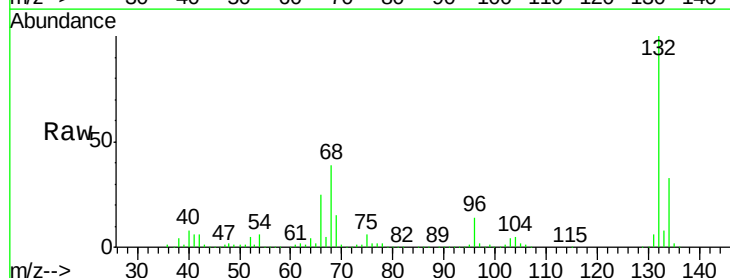
Tgt Ion: 94 Resp: 1754

Ion Ratio Lower Upper

94 100

65 1056.9 21.4 61.4#

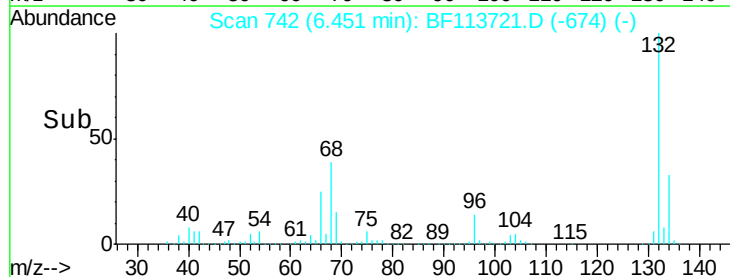
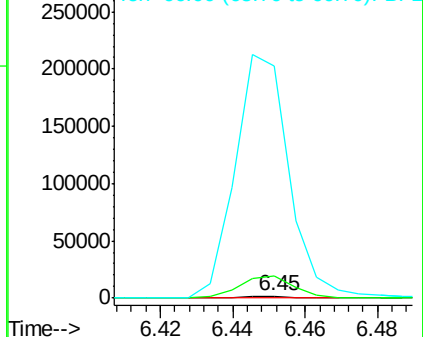
66 10755.0 46.4 86.4#

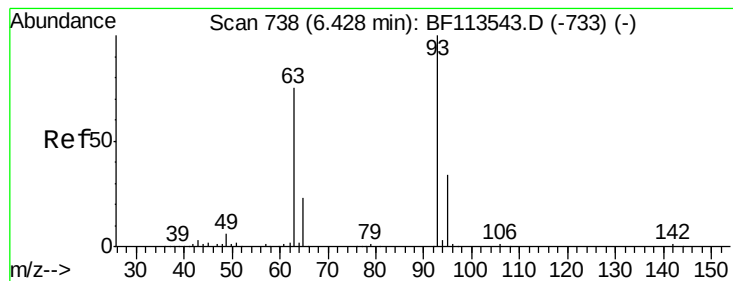


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.150 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampled :

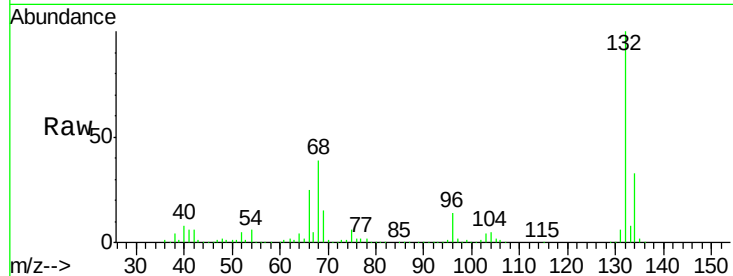
Tot Ion: 93 Resp: 1096

Ion Ratio Lower Upper

93 100

63 651.9 56.1 96.1#

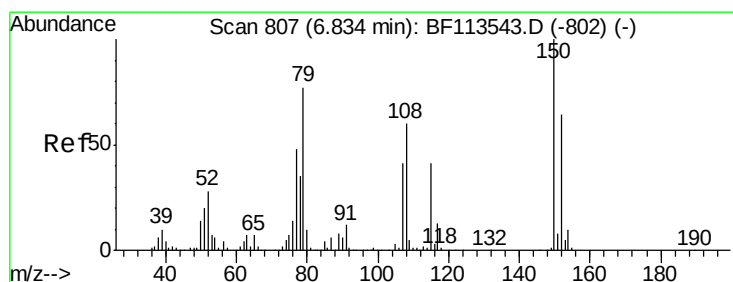
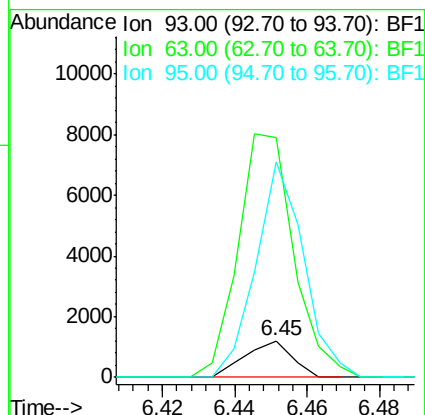
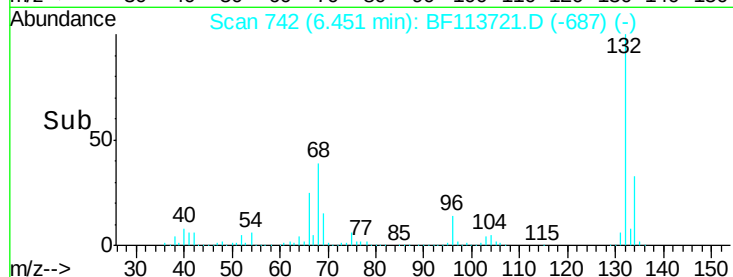
95 585.3 12.8 52.8#



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: 1.794 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

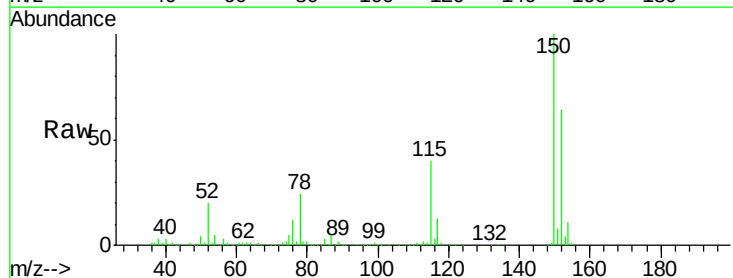
Tgt Ion: 79 Resp: 9957

Ion Ratio Lower Upper

79 100

108 31.3 62.0 93.0#

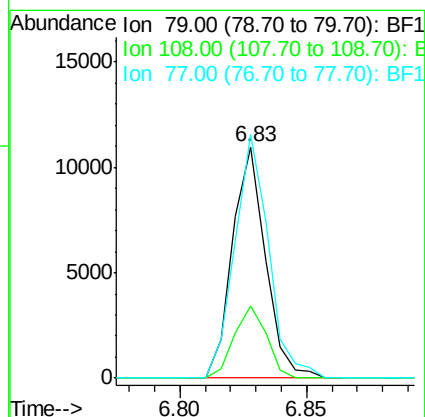
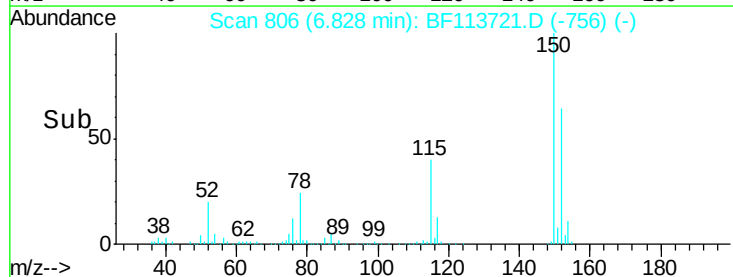
77 105.5 49.9 74.9#

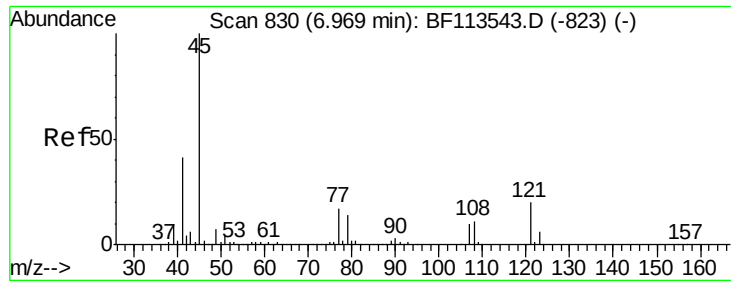


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

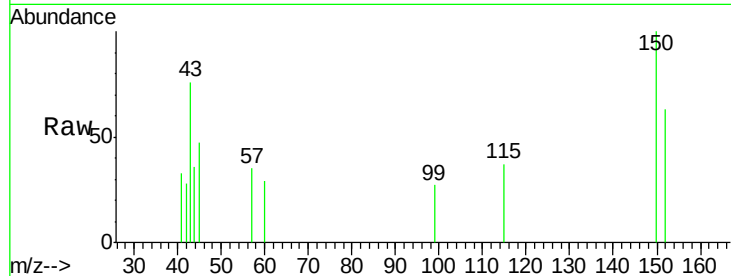




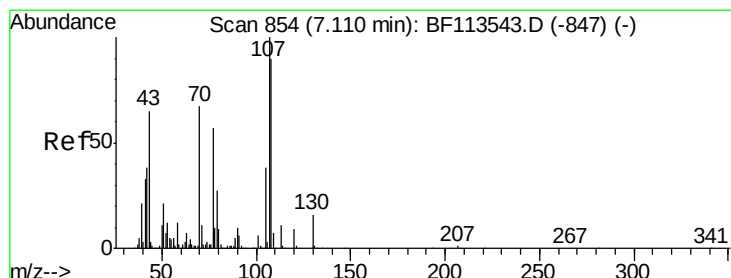
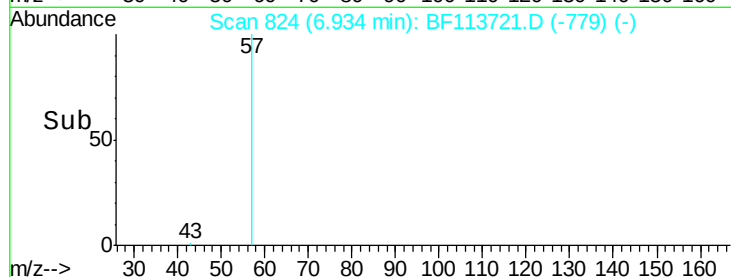
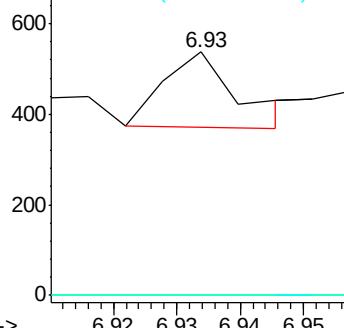
#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.012 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.04 min
 Lab File: BF113721.D
 Acq: 11 Apr 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 45 Resp: 133
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 36.6
 79 0.0 0.0 34.0

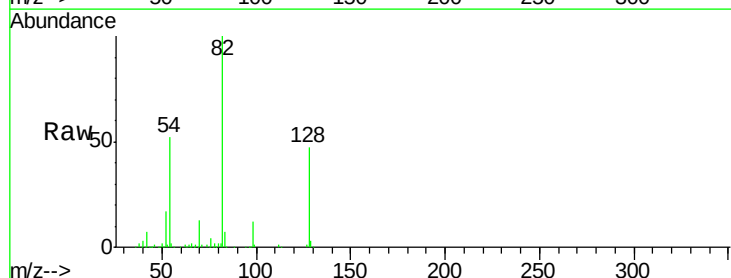


Abundance Ion 45.00 (44.70 to 45.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1
 Ion 79.00 (78.70 to 79.70): BF1

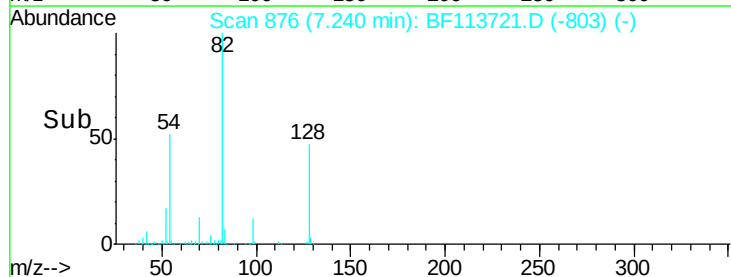
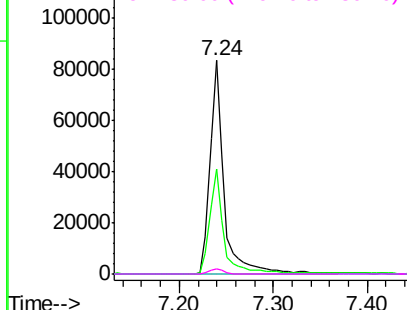


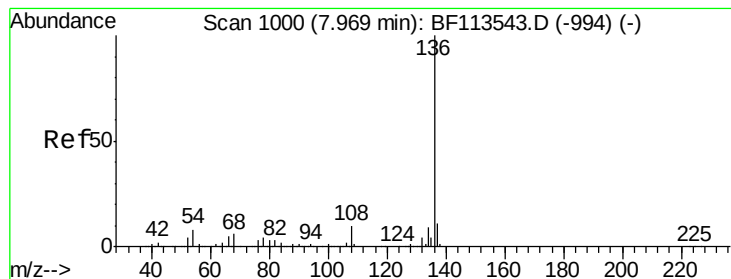
#19
 n-Nitroso-di-n-propylamine
 Concen: 17.553 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.13 min
 Lab File: BF113721.D
 Acq: 11 Apr 2019 15:37

Tgt Ion: 70 Resp: 88863
 Ion Ratio Lower Upper
 70 100
 42 49.1 48.4 72.6
 101 0.0 7.8 11.8#
 130 2.5 18.2 27.4#



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

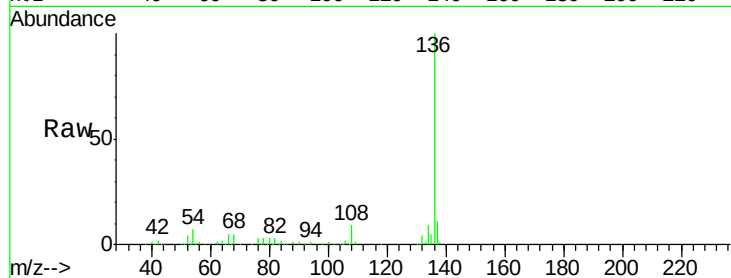




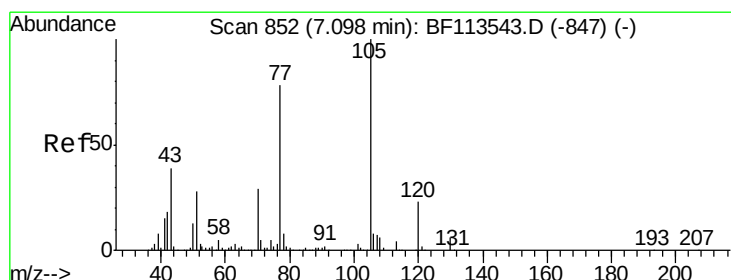
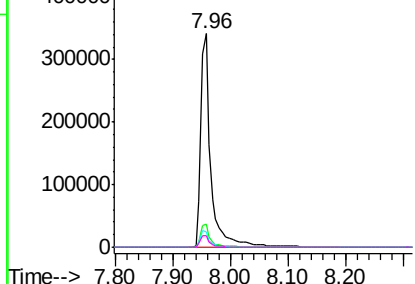
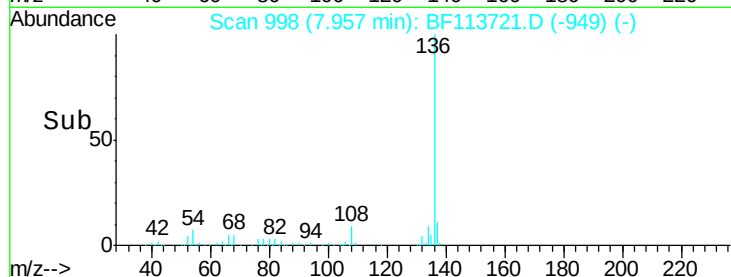
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	422587
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.3	7.0 10.6
68	5.4	4.8 7.2

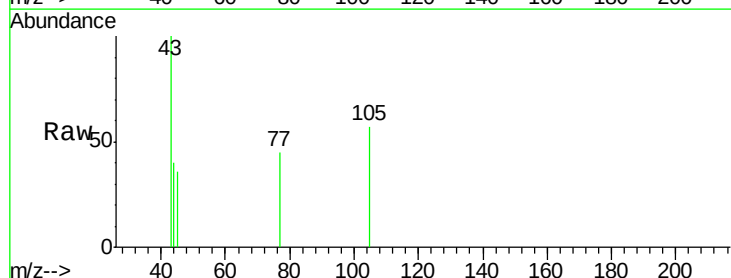


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

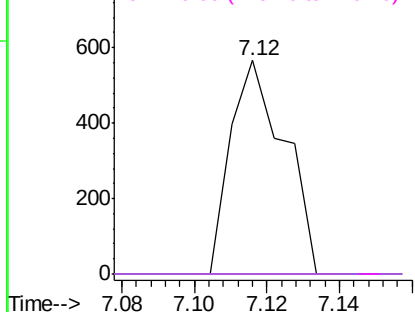
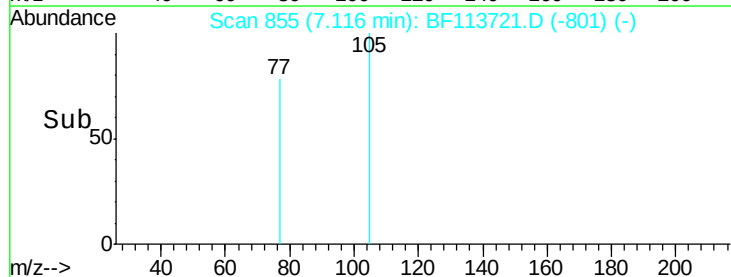


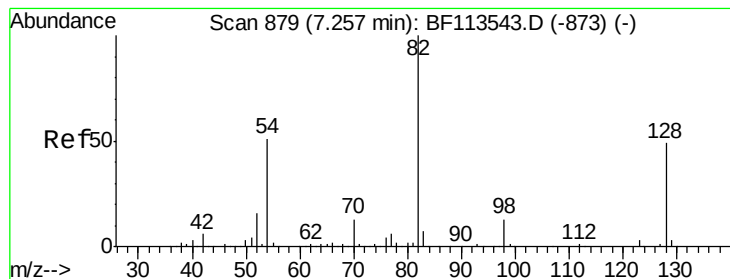
#22
Acetophenone
Concen: 0.063 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.02 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Tgt Ion:105	Resp:	588
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: 96.062 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampled :

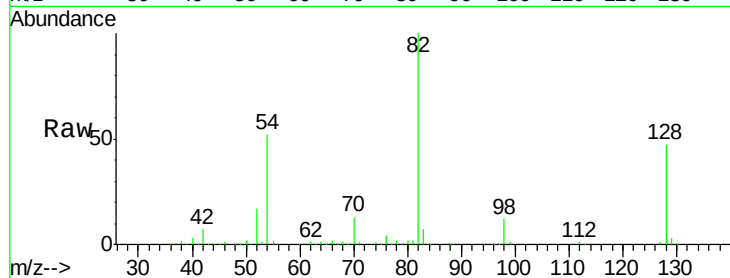
Tot Ion: 82 Resp: 693032

Ion Ratio Lower Upper

82 100

128 46.8 36.5 54.7

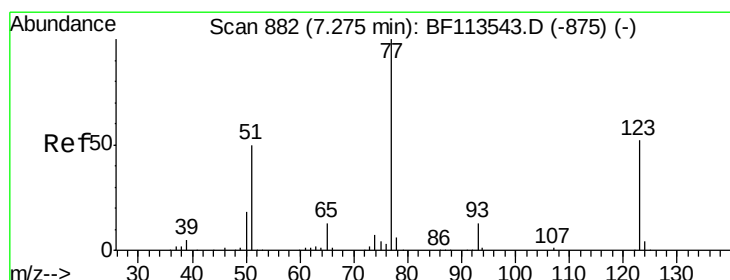
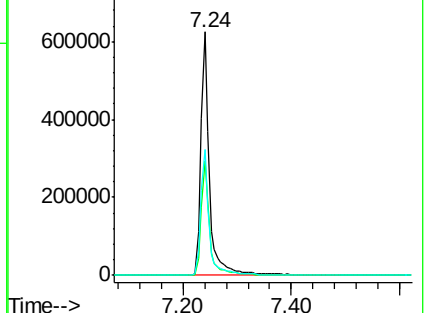
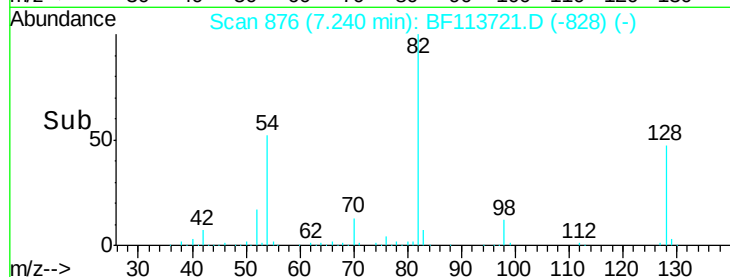
54 51.9 42.2 63.2



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: 0.220 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

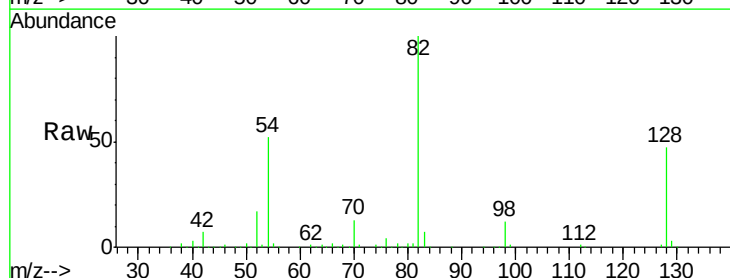
Tgt Ion: 77 Resp: 1633

Ion Ratio Lower Upper

77 100

123 0.0 40.8 61.2#

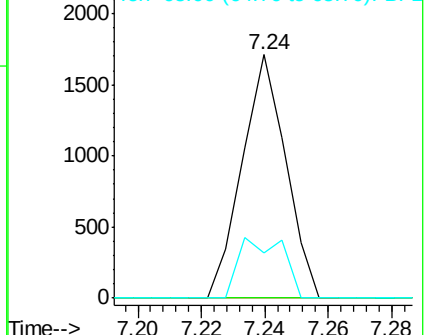
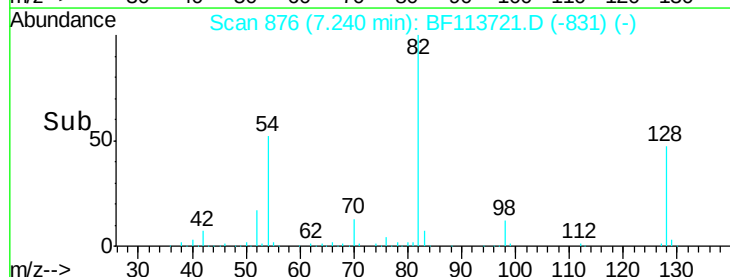
65 18.6 10.6 16.0#

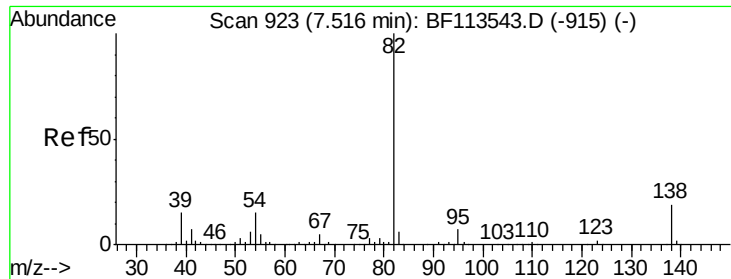


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.867 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

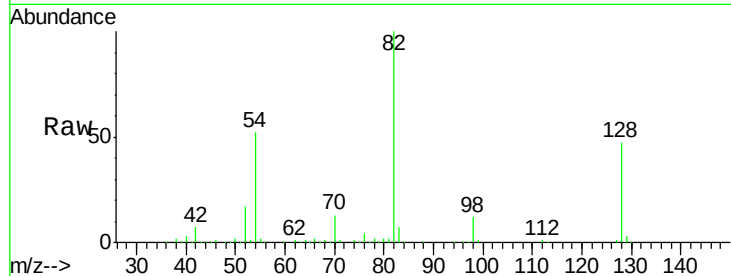
Tot Ion: 82 Resp: 693028

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

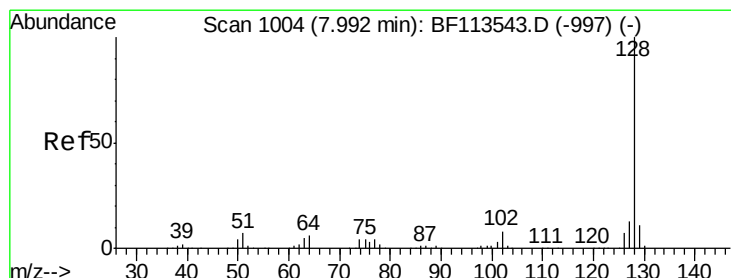
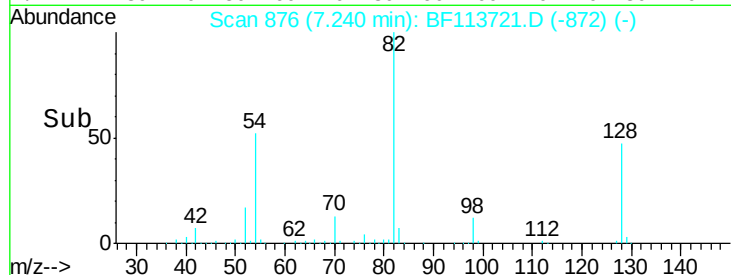
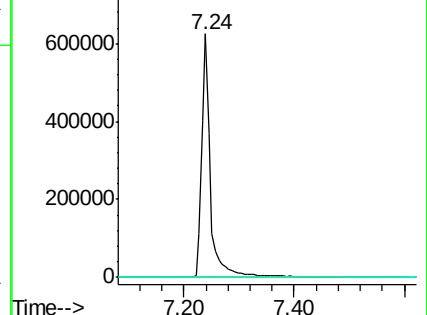
138 0.0 15.2 22.8#



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: 0.072 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

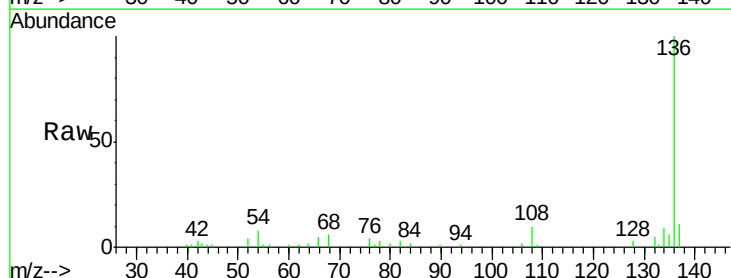
Tgt Ion: 128 Resp: 1476

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

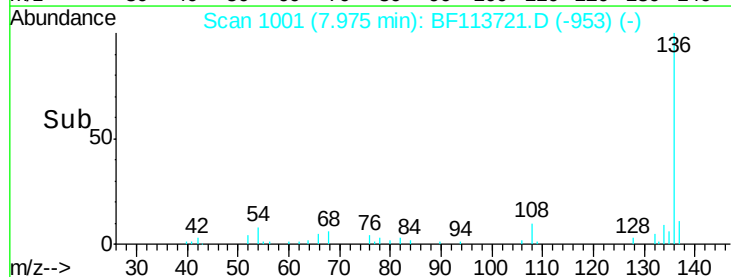
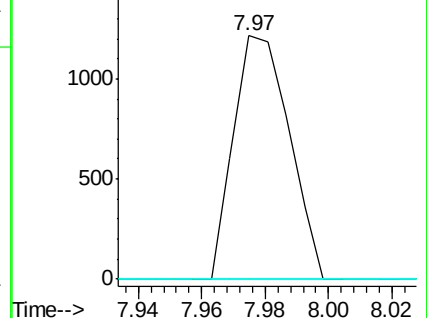
127 0.0 10.9 16.3#

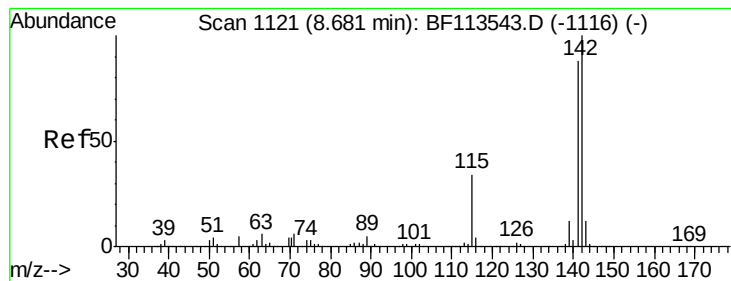


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

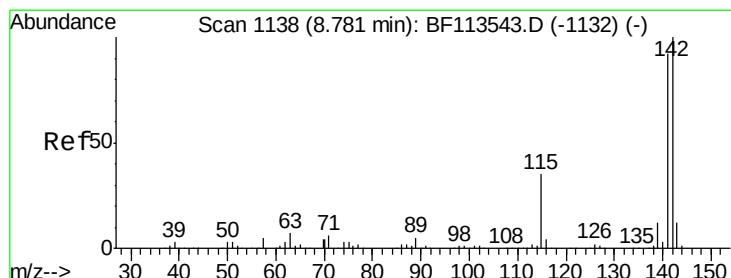
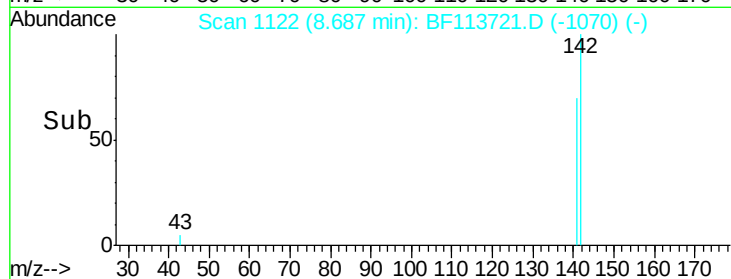
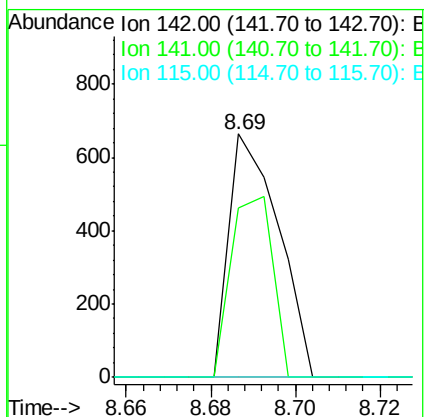
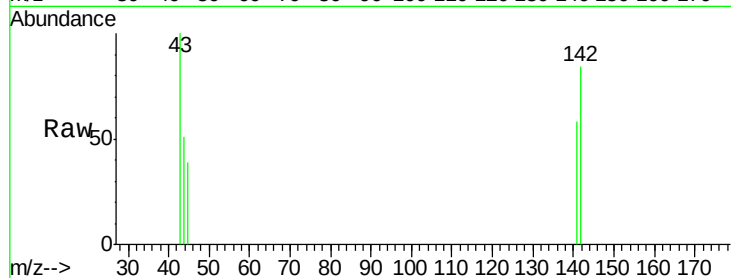




#37
2-Methylnaphthalene
Concen: 0.040 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

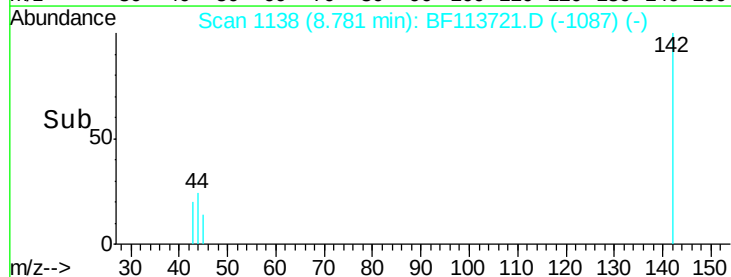
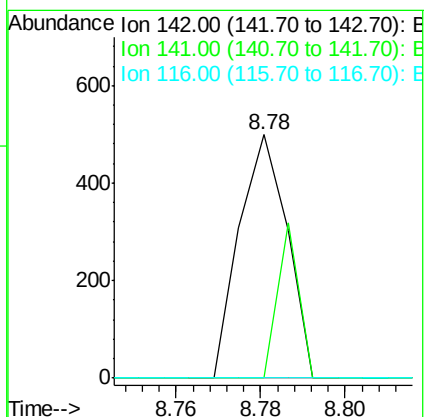
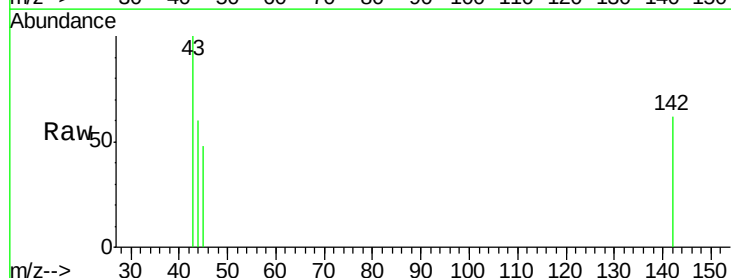
Instrument :
BNA_F
ClientSampleId :

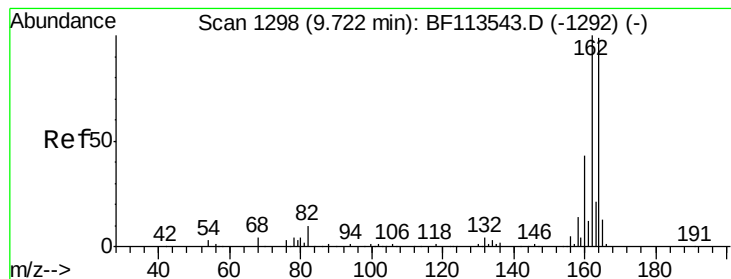
Tot Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
141 69.7 71.0 106.6#
115 0.0 26.6 39.8#



#38
1-Methylnaphthalene
Concen: 0.030 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Tgt Ion:142 Resp: 392
Ion Ratio Lower Upper
142 100
141 0.0 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: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

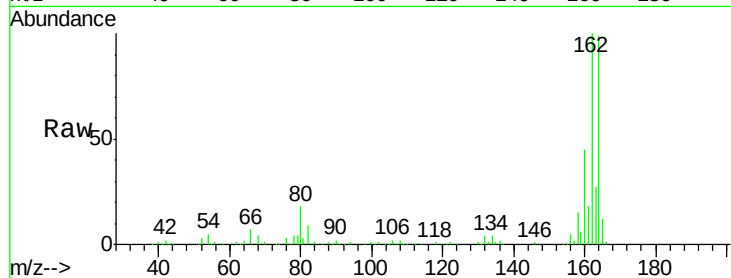
Tot Ion:164 Resp: 201168

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

160 45.1 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

250000

200000

150000

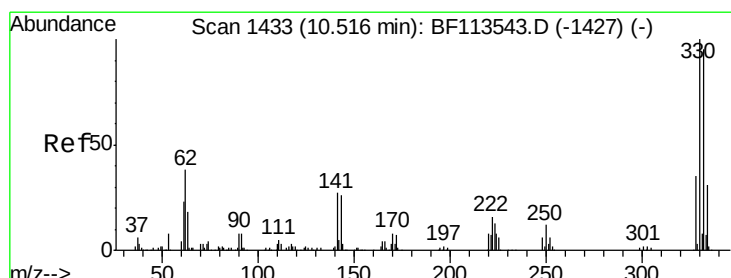
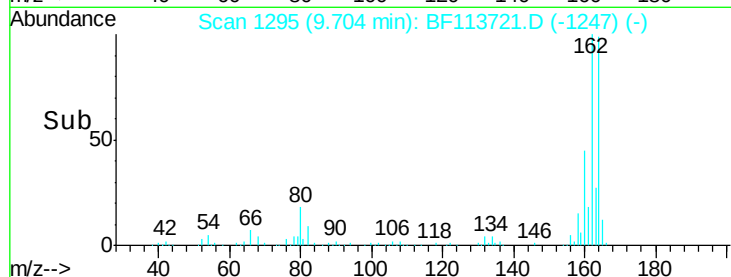
100000

50000

0

9.70

Time-->



#42

2,4,6-Tribromophenol

Concen: 138.730 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

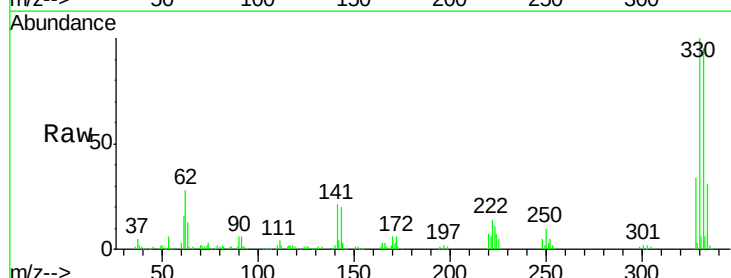
Tgt Ion:330 Resp: 335244

Ion Ratio Lower Upper

330 100

332 95.4 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

300000

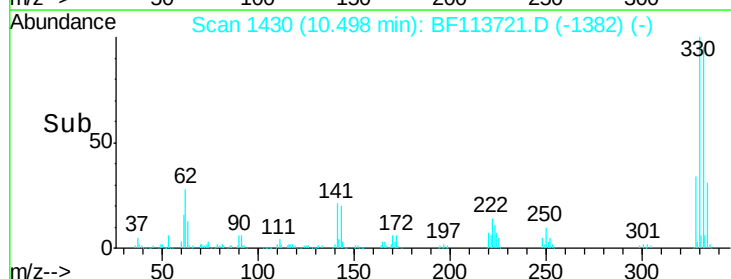
200000

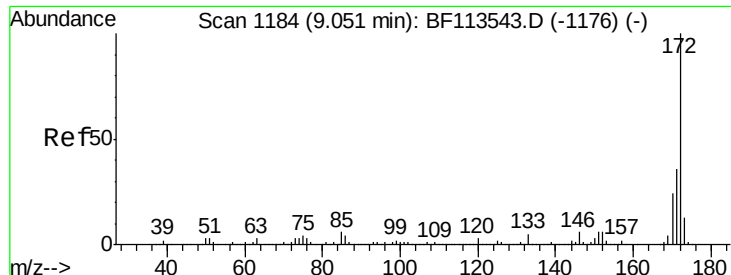
100000

0

10.50

Time-->

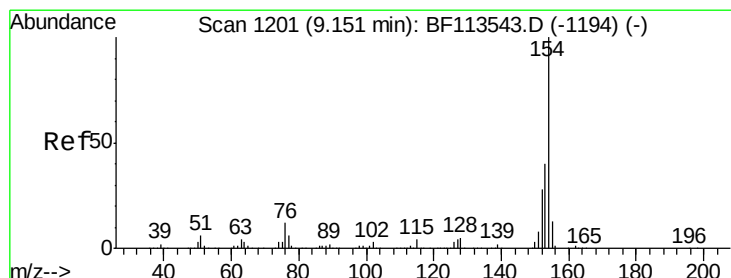
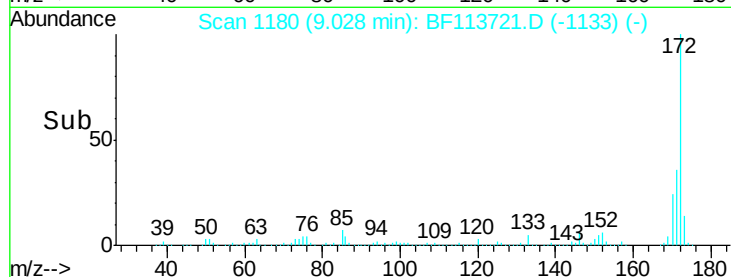
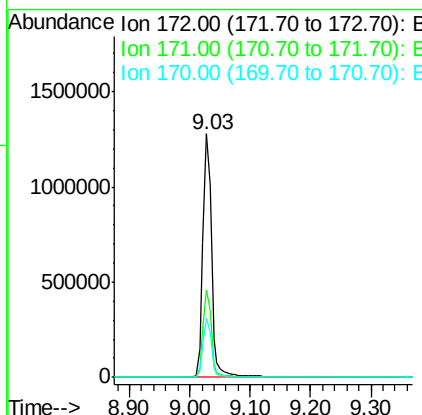
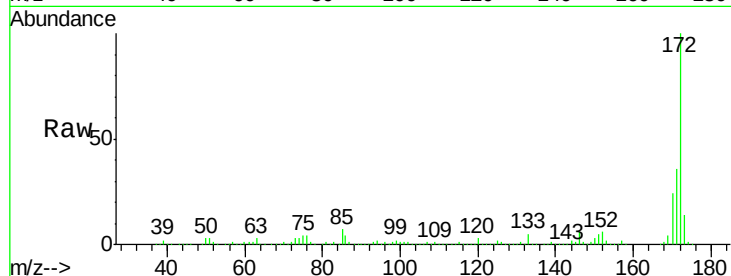




#45
2-Fluorobiphenyl
Concen: 103.335 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

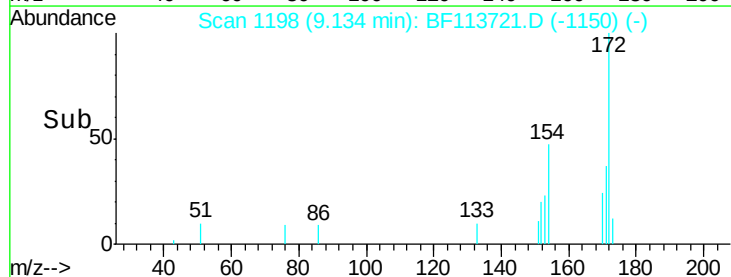
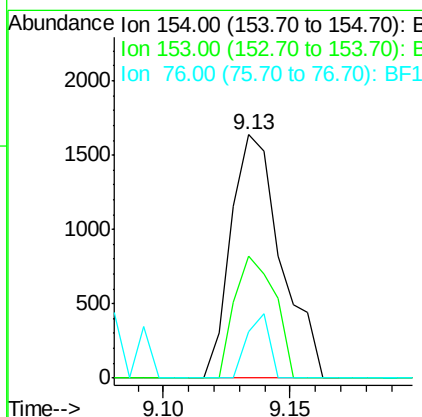
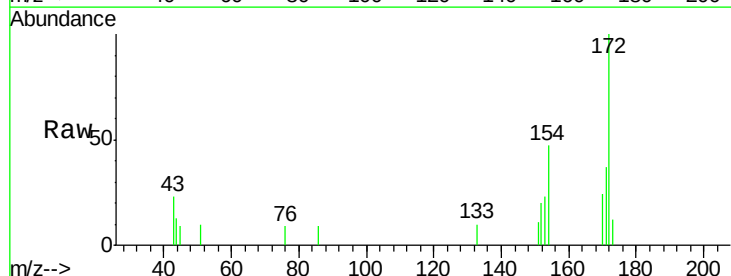
Instrument :
BNA_F
ClientSampleId :

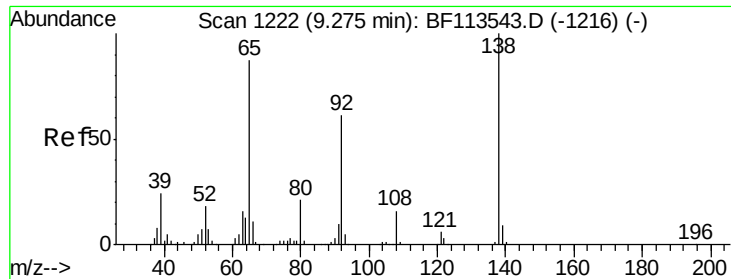
Tot Ion:172 Resp: 1291247
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 24.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 0.136 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Tgt Ion:154 Resp: 2250
Ion Ratio Lower Upper
154 100
153 49.9 20.8 60.8
76 19.2 0.0 31.9

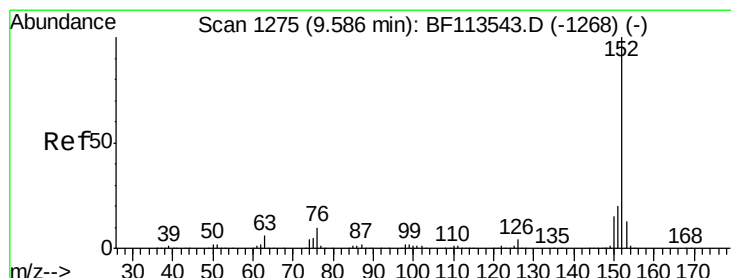
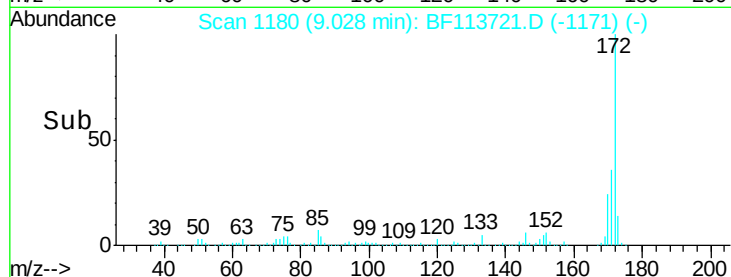
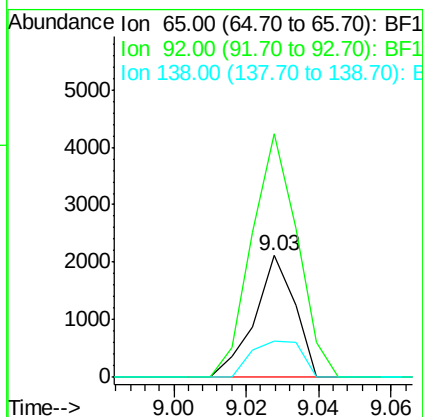
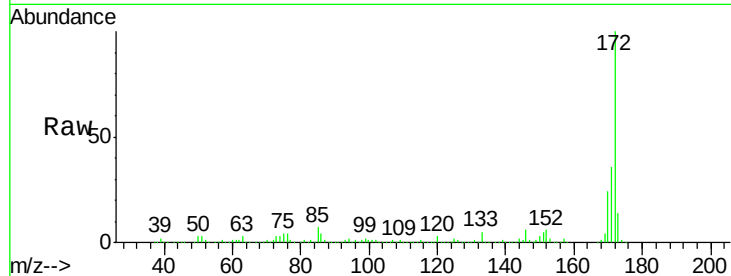




#48
2-Nitroaniline
Concen: 0.424 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.25 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

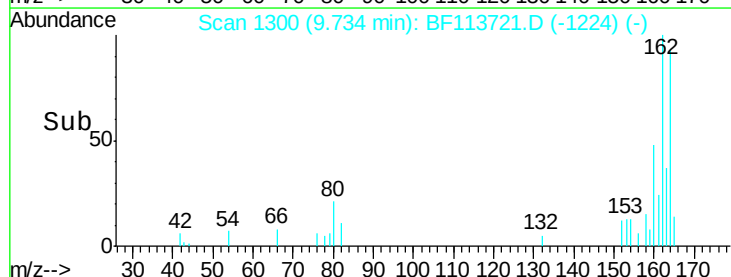
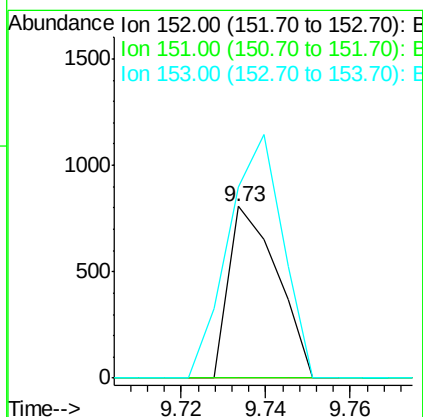
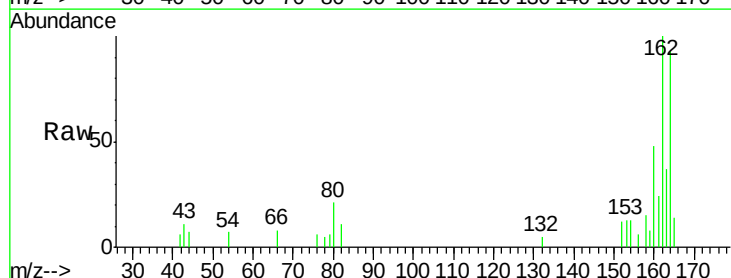
Instrument :
BNA_F
ClientSampled :

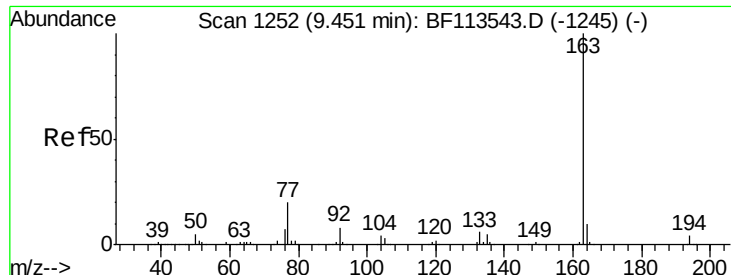
Tot Ion: 65 Resp: 1632
Ion Ratio Lower Upper
65 100
92 200.1 56.8 85.2#
138 29.9 92.3 138.5#



#49
Acenaphthylene
Concen: 0.032 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.15 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Tgt Ion: 152 Resp: 645
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.4#
153 111.4 11.0 16.6#





#50

Dimethylphthalate

Concen: 3.140 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.25 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampled :

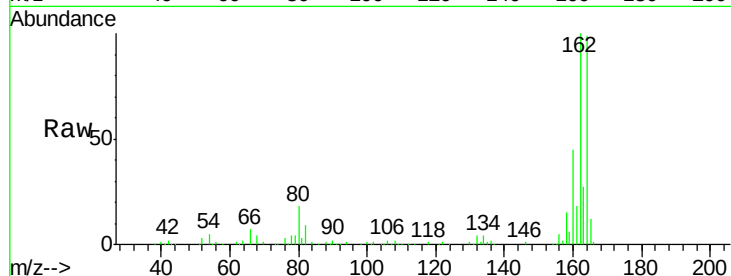
Tot Ion:163 Resp: 46558

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

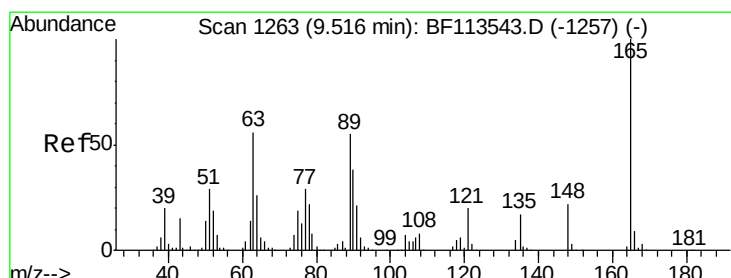
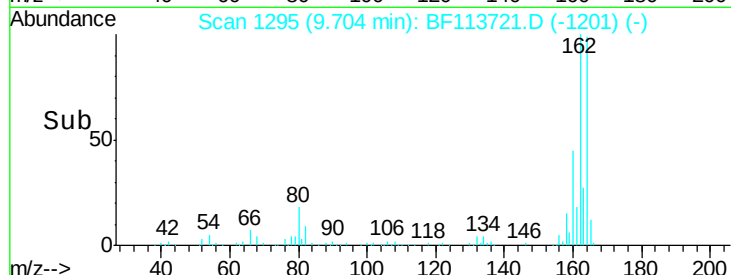
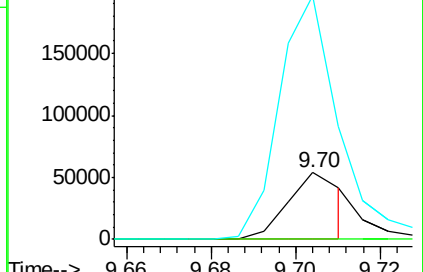
164 366.4 8.1 12.1#



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: 7.877 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

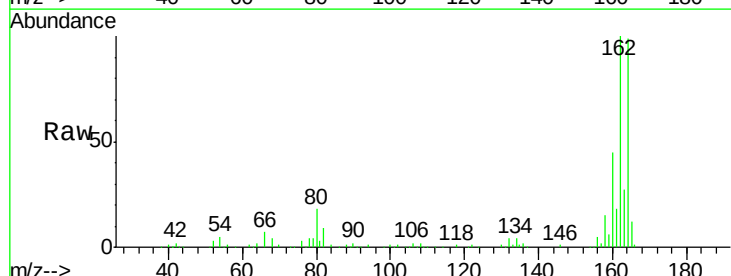
Tgt Ion:165 Resp: 25746

Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

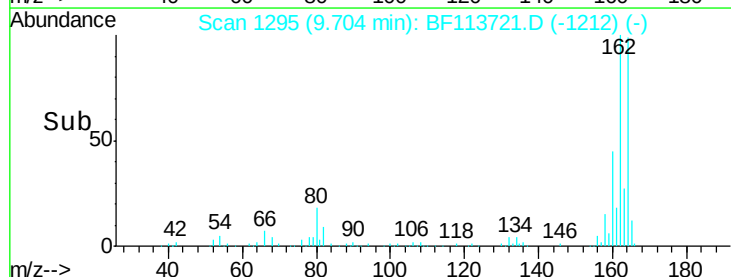
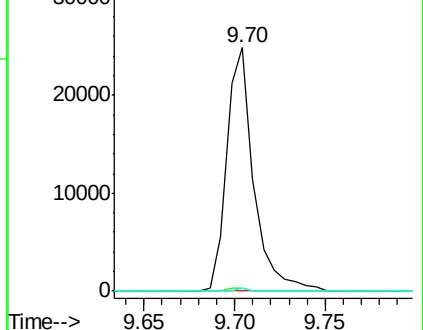
89 1.4 43.1 64.7#

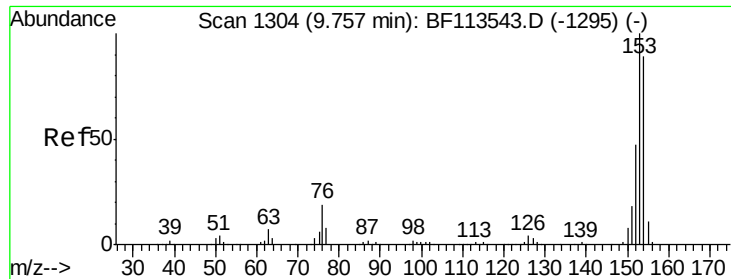


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.082 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

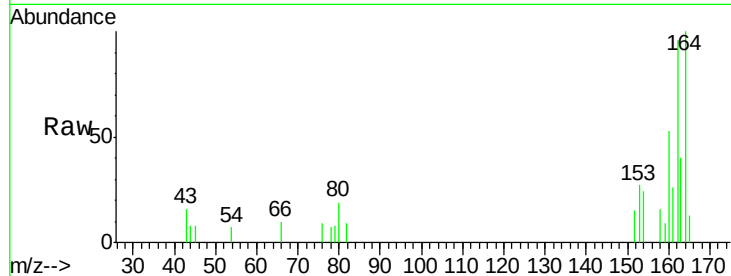
Tot Ion:154 Resp: 955

Ion Ratio Lower Upper

154 100

153 111.4 89.5 134.3

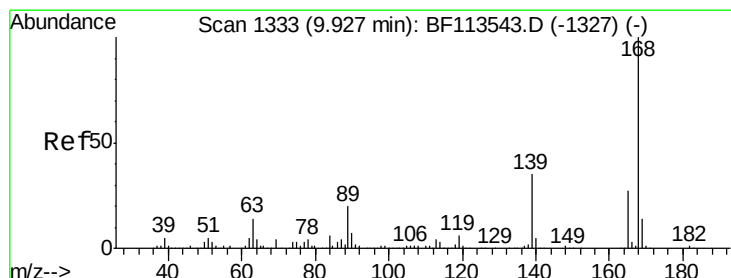
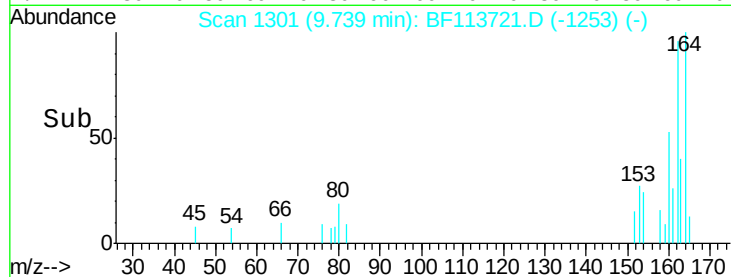
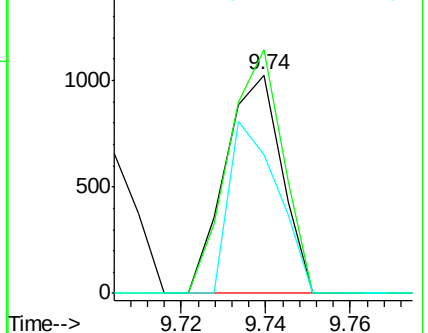
152 63.4 43.3 64.9



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: 0.051 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

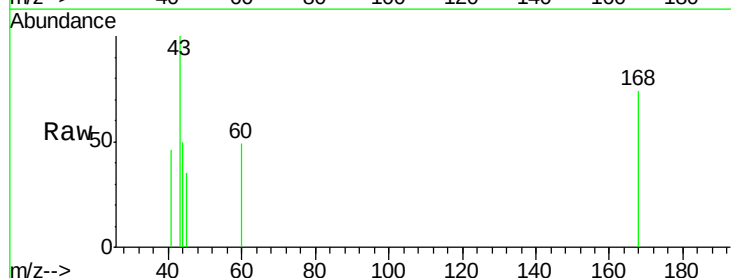
Tgt Ion:168 Resp: 868

Ion Ratio Lower Upper

168 100

139 0.0 29.7 44.5#

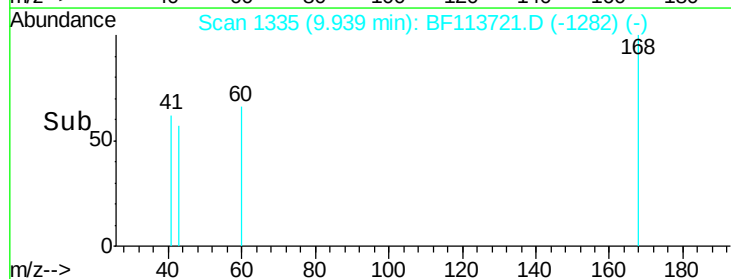
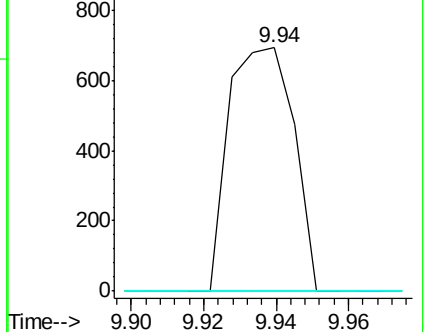
169 0.0 10.7 16.1#

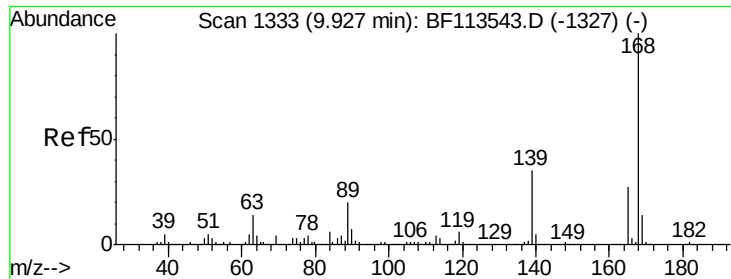


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

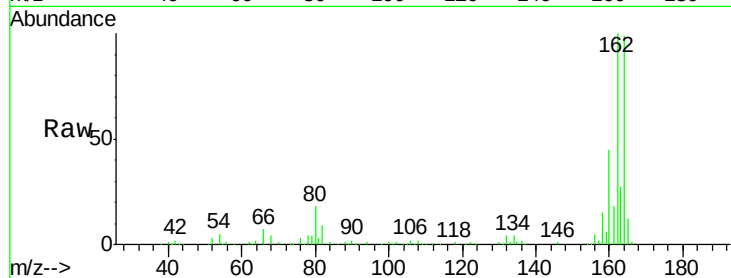




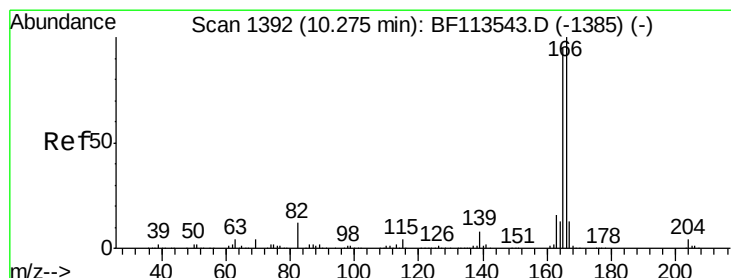
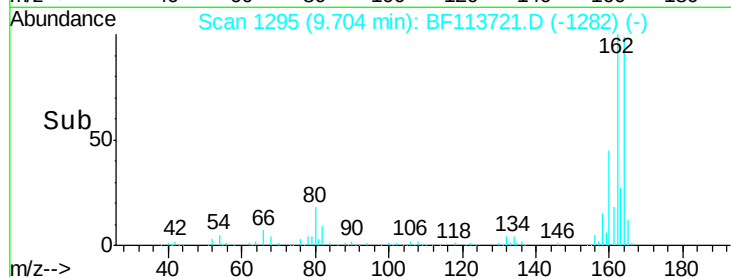
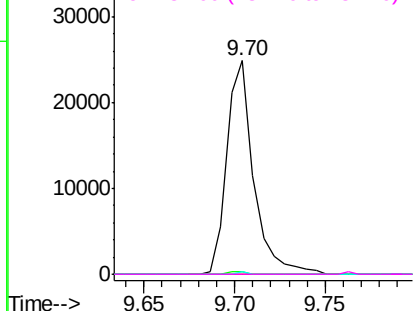
#57
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.22 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 25746
Ion Ratio Lower Upper
165 100
63 1.2 37.5 56.3#
89 1.4 57.4 86.2#
182 0.0 2.0 3.0#

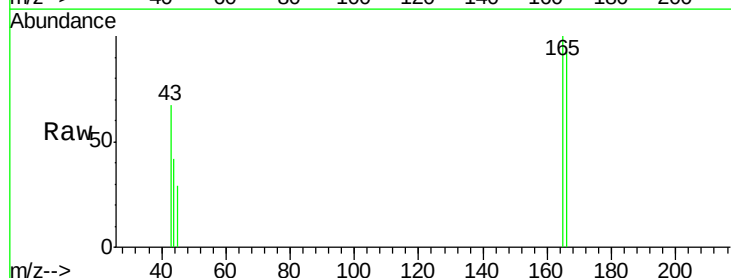


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

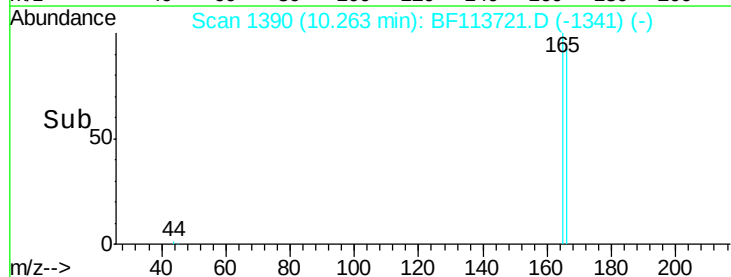
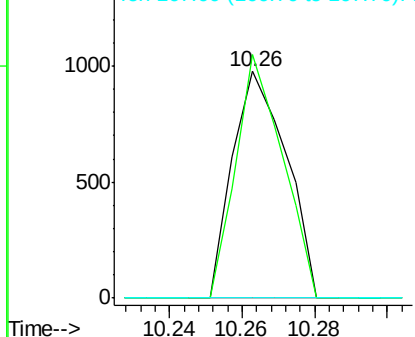


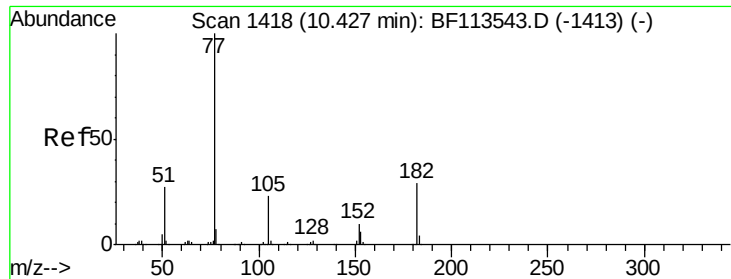
#58
Fluorene
Concen: 0.074 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Tgt Ion:166 Resp: 1006
Ion Ratio Lower Upper
166 100
165 107.4 76.2 114.2
167 0.0 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





#63

Azobenzene

Concen: 0.073 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.06 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 988

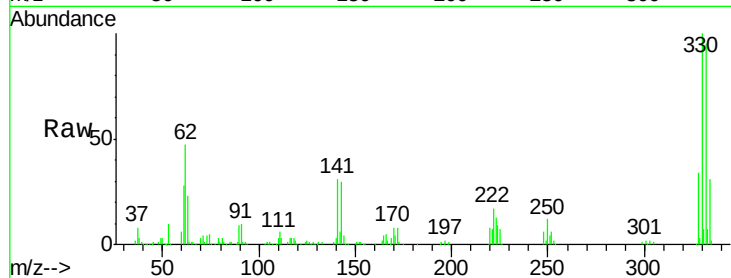
Ion Ratio Lower Upper

77 100

182 25.8 8.7 48.7

105 86.9 2.9 42.9#

51 90.6 8.8 48.8#

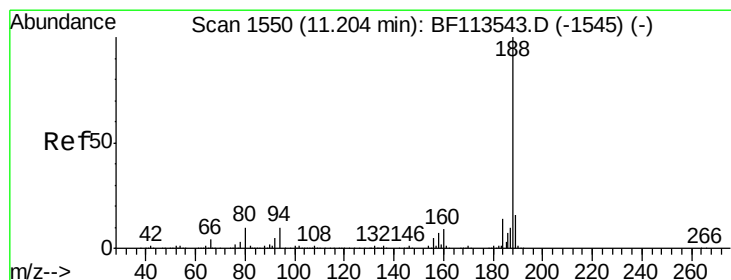
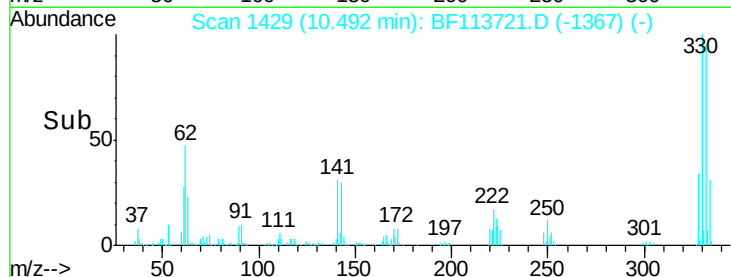
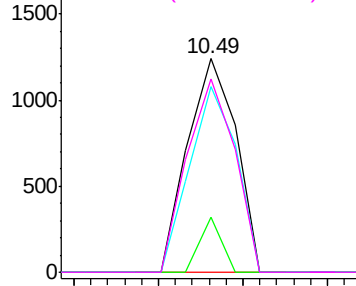


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113721.D

Acq: 11 Apr 2019 15:37

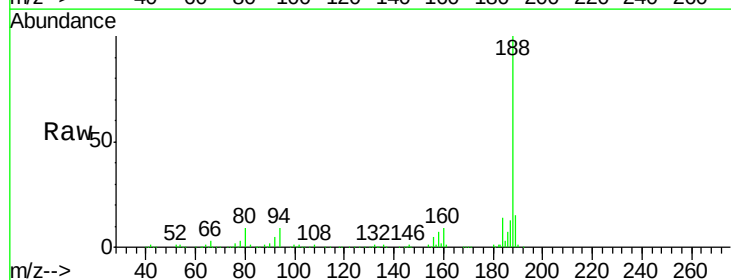
Tgt Ion: 188 Resp: 389189

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

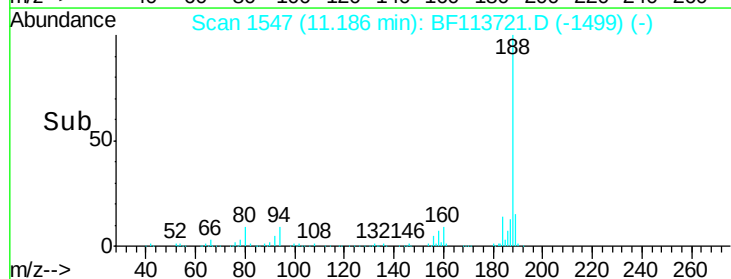
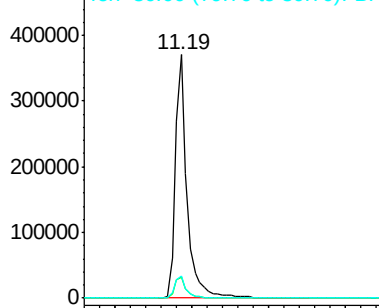
80 9.3 7.7 11.5

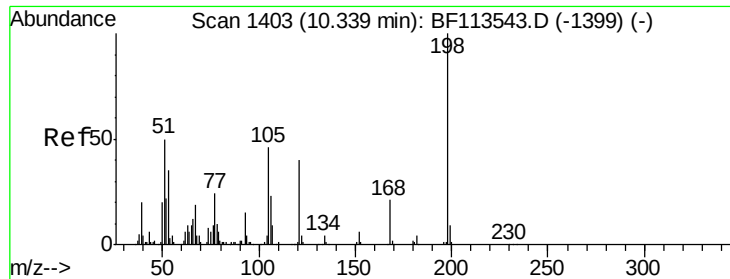


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

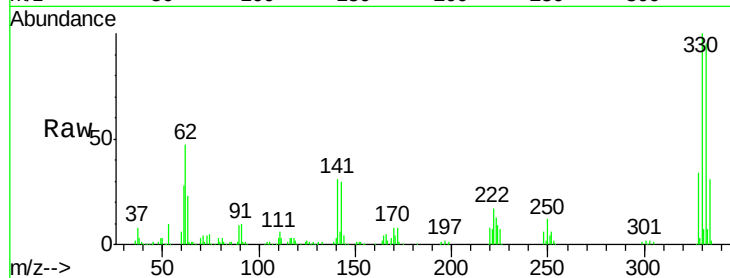




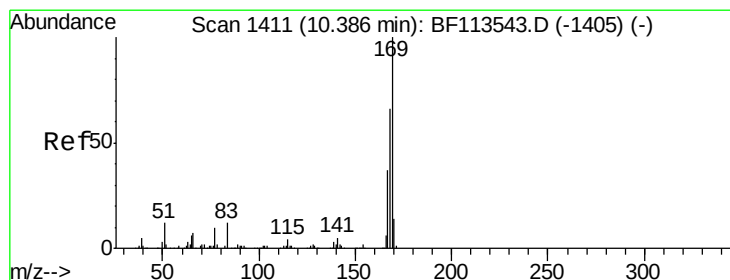
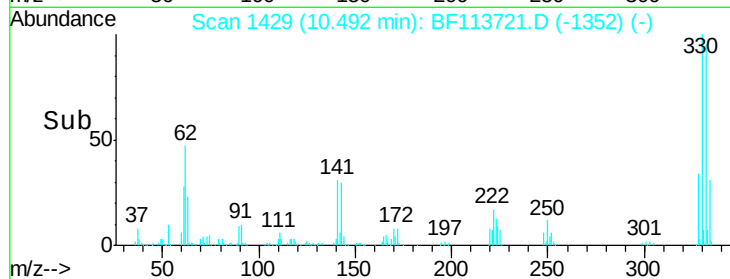
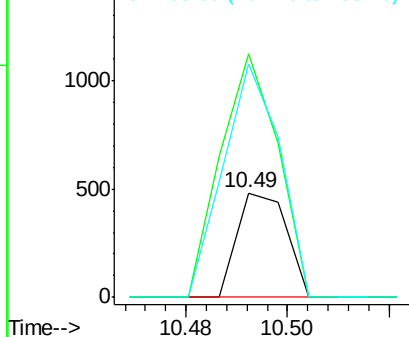
#65
4,6-Dinitro-2-methylphenol
Concen: 0.159 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.15 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 325
Ion Ratio Lower Upper
198 100
51 232.7 21.6 61.6#
105 223.2 20.6 60.6#

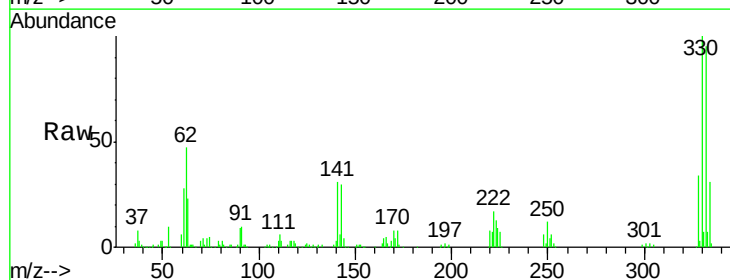


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

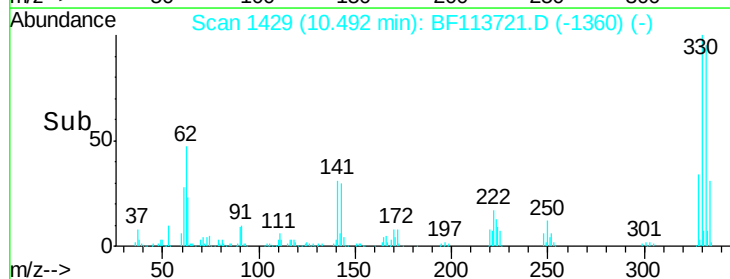
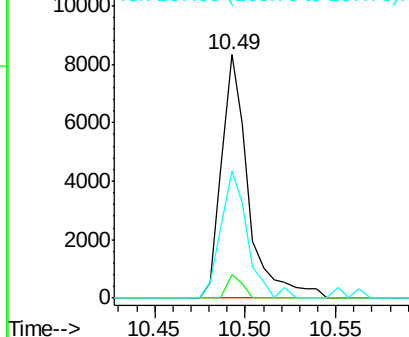


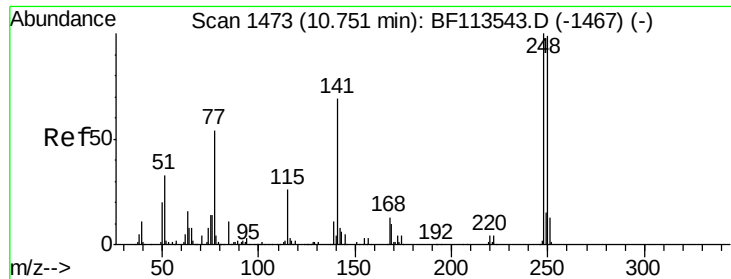
#66
n-Nitrosodiphenylamine
Concen: 0.719 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.11 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Tgt Ion:169 Resp: 8589
Ion Ratio Lower Upper
169 100
168 9.4 53.7 80.5#
167 52.1 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

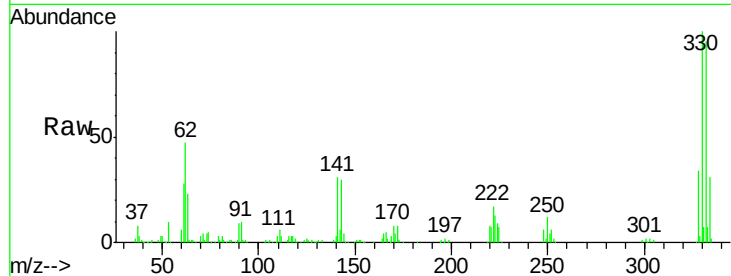




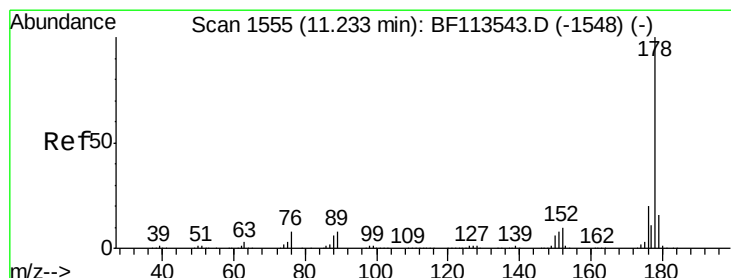
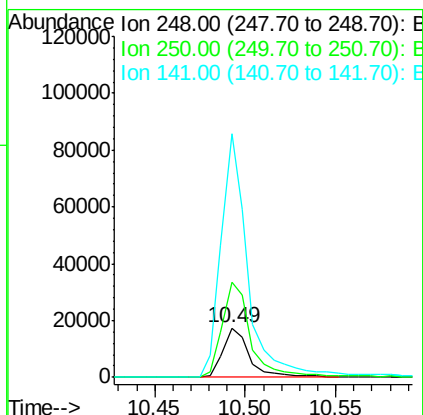
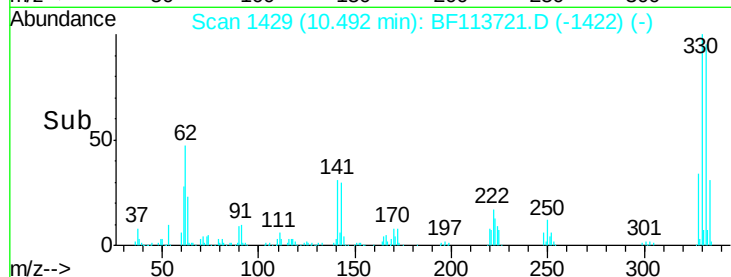
#67
 4-Bromophenyl-phenylether
 Concen: 4.108 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.26 min
 Lab File: BF113721.D
 Acq: 11 Apr 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17932
 Ion Ratio Lower Upper
 248 100
 250 192.5 78.3 117.5#
 141 493.6 56.2 84.4#

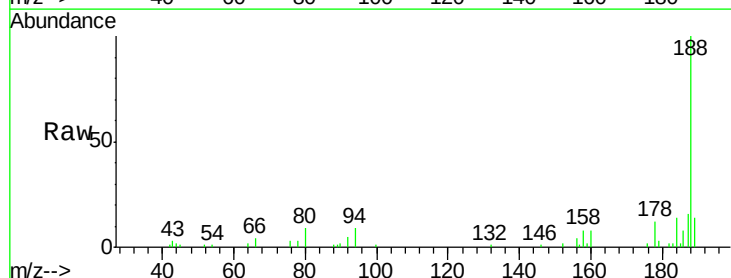


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

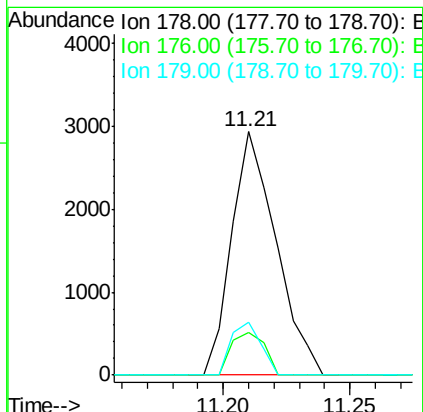
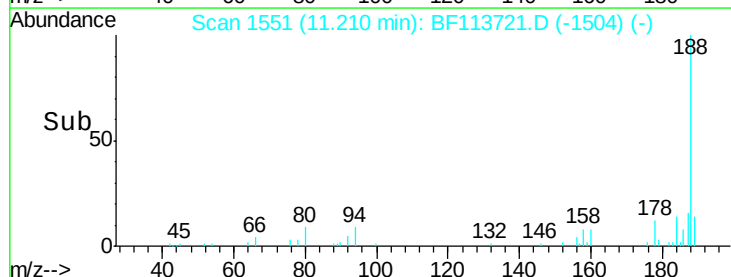


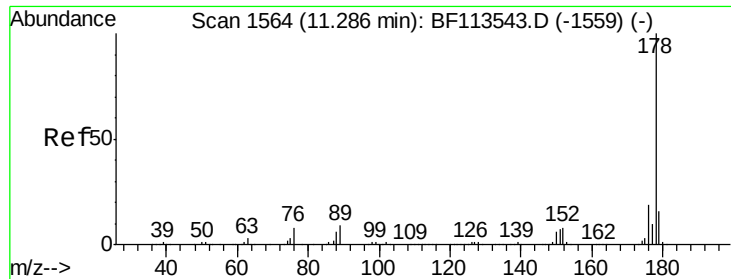
#71
 Phenanthrene
 Concen: 0.185 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF113721.D
 Acq: 11 Apr 2019 15:37

Tgt Ion:178 Resp: 3585
 Ion Ratio Lower Upper
 178 100
 176 17.6 16.2 24.2
 179 21.7 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: 0.182 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.08 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

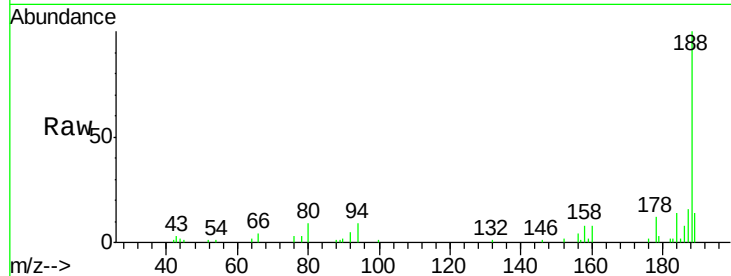
Tot Ion:178 Resp: 3585

Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.2

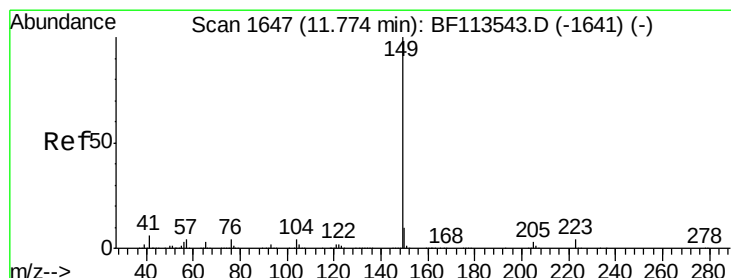
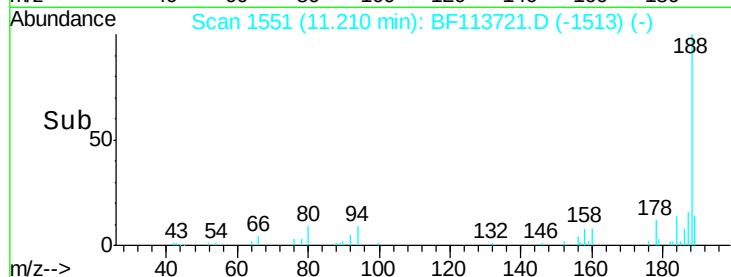
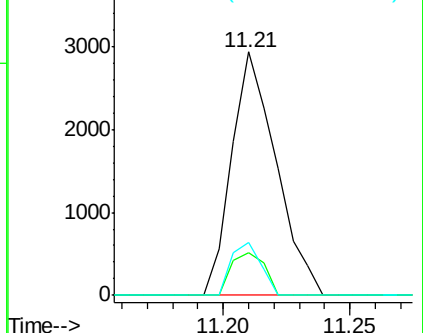
179 21.7 12.8 19.2#



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: 0.056 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

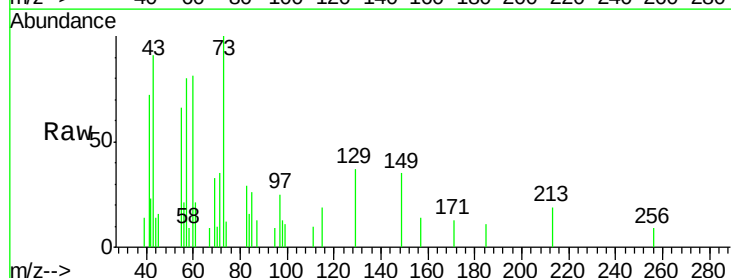
Tgt Ion:149 Resp: 1234

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

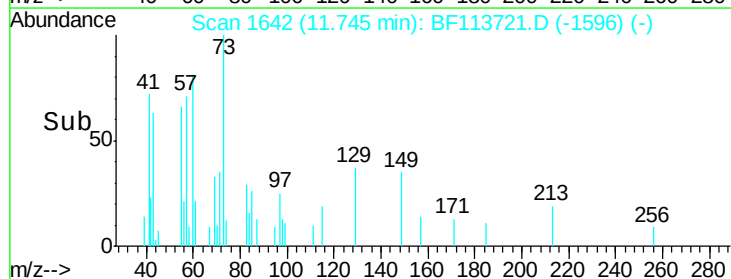
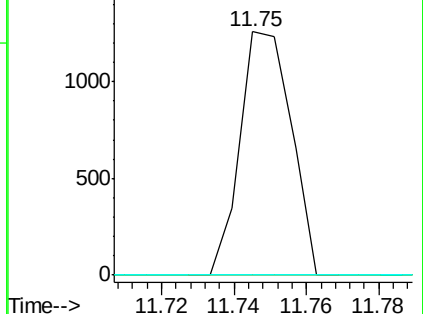
104 0.0 3.7 5.5#

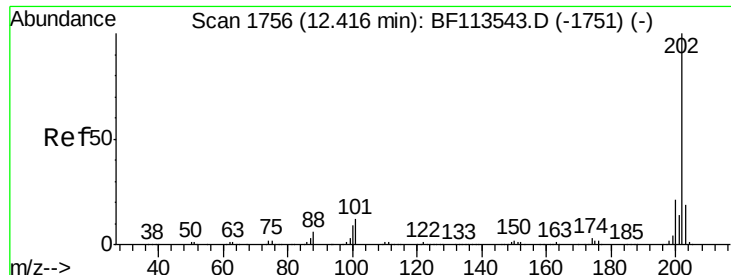


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

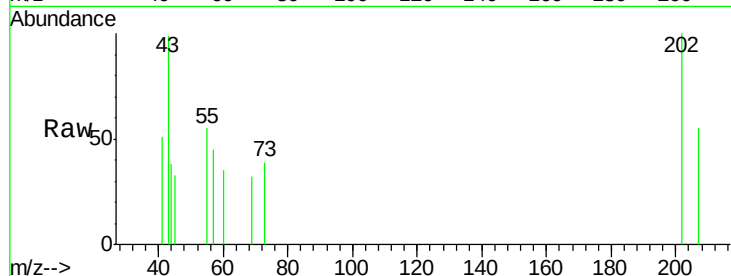




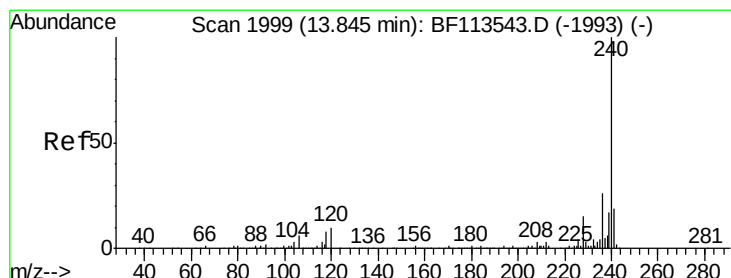
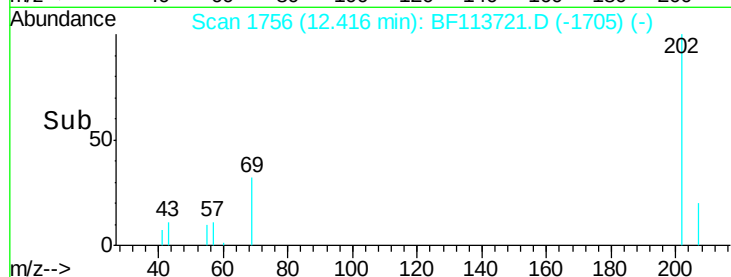
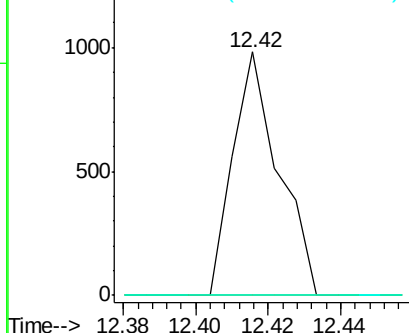
#75
Fluoranthene
Concen: 0.041 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.4
203	0.0	0.0	38.0

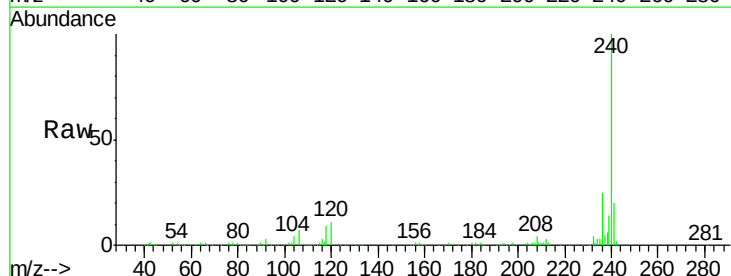


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

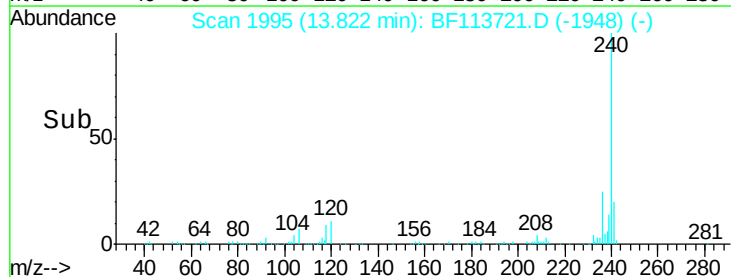
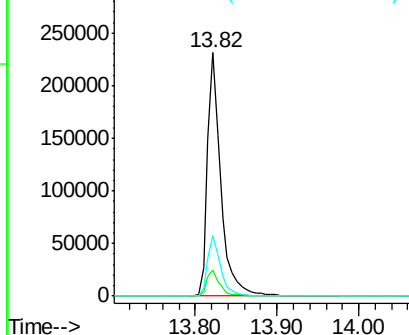


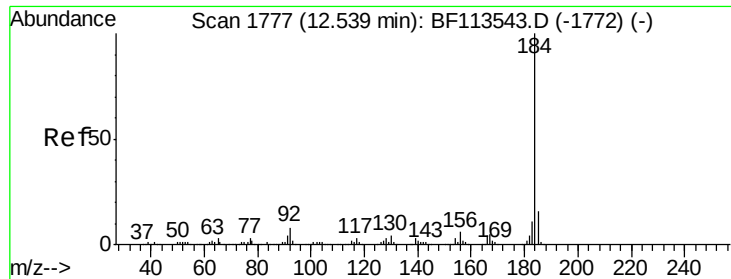
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113721.D
Acq: 11 Apr 2019 15:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.8	13.2
236	24.7	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: 1.449 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.23 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

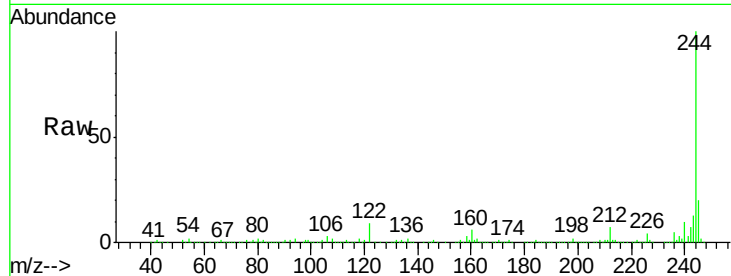
Tot Ion:184 Resp: 14176

Ion Ratio Lower Upper

184 100

185 17.0 13.0 19.6

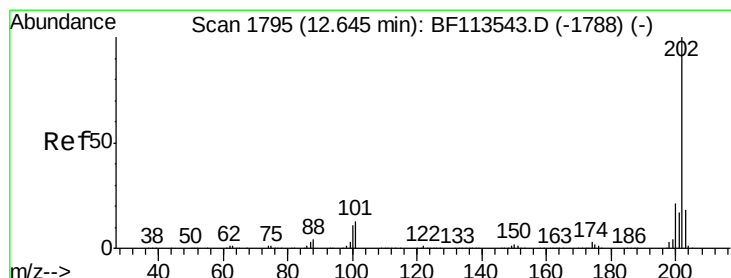
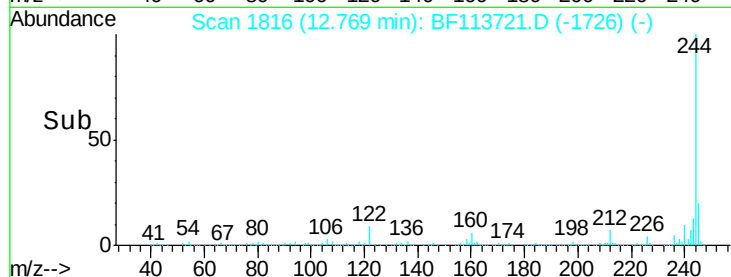
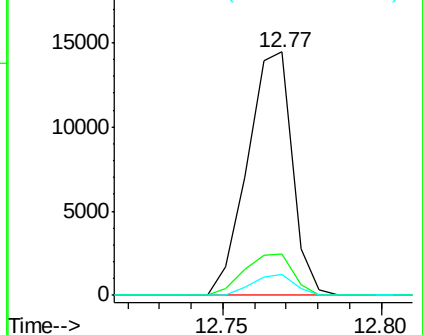
183 8.6 9.0 13.4#



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

Pyrene

Concen: 0.017 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

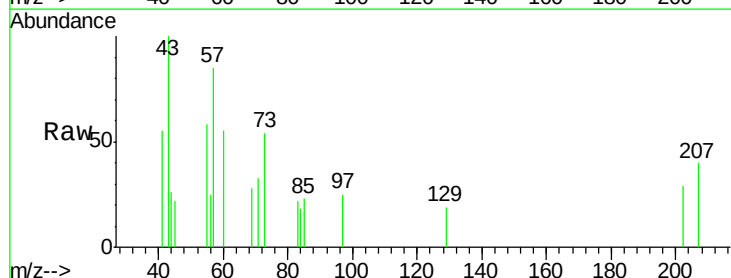
Tgt Ion:202 Resp: 345

Ion Ratio Lower Upper

202 100

200 0.0 16.8 25.2#

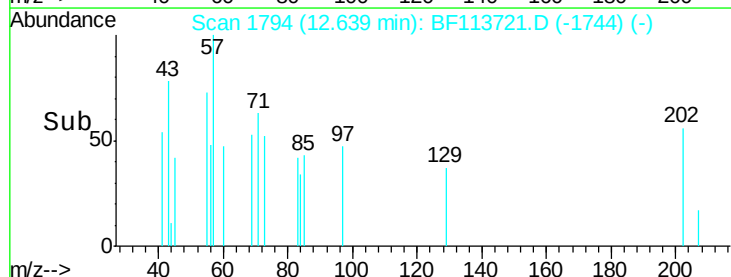
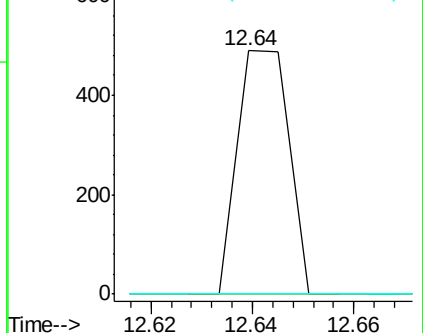
203 0.0 14.4 21.6#

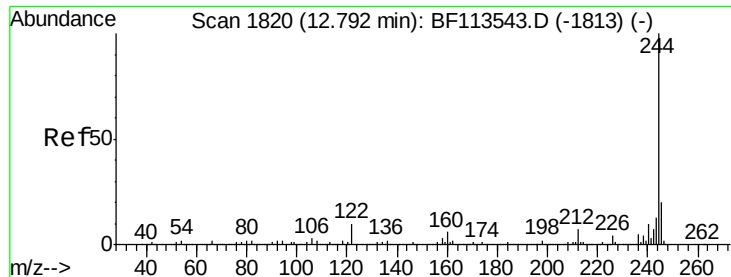


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.478 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

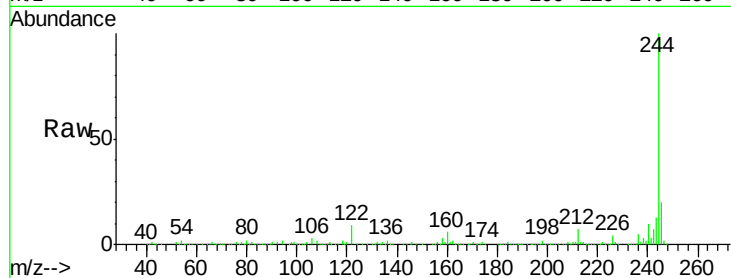
Tot Ion:244 Resp: 1233320

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

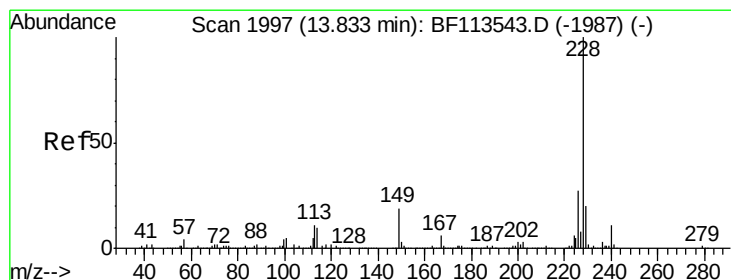
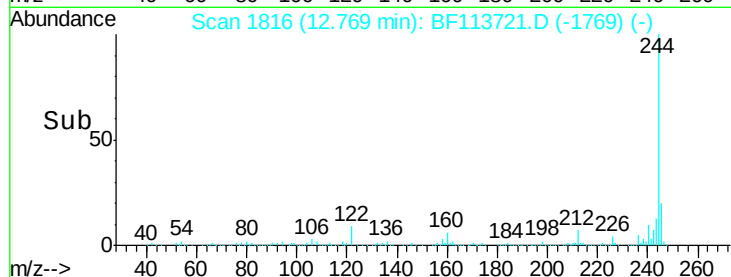
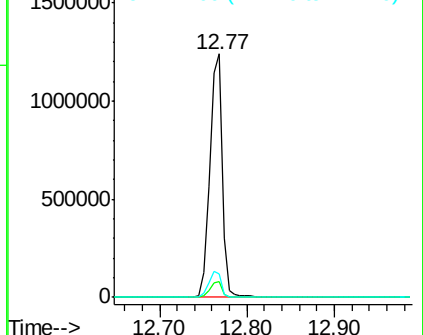
122 9.5 8.6 13.0



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: 0.034 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

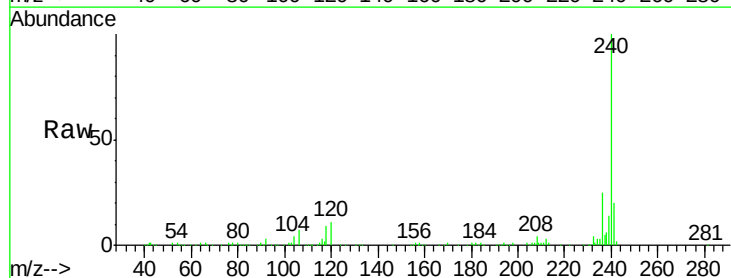
Tgt Ion:228 Resp: 523

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

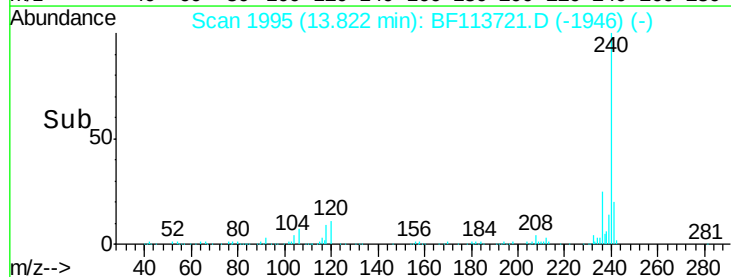
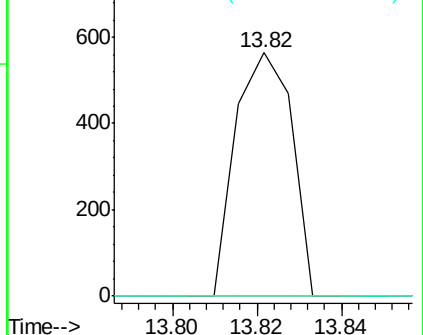
229 0.0 16.2 24.4#

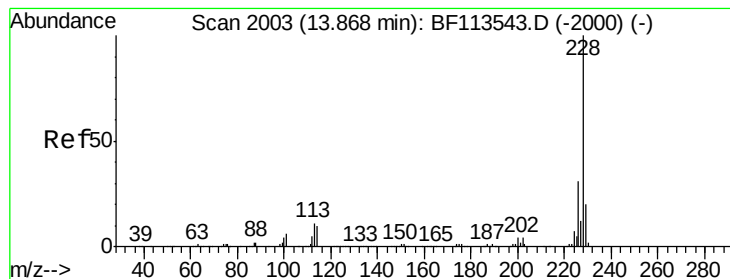


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.034 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.05 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

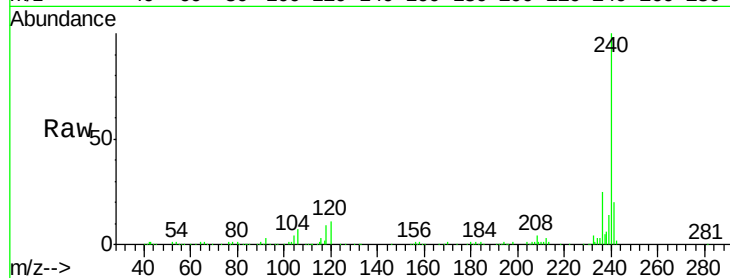
Tot Ion:228 Resp: 523

Ion Ratio Lower Upper

228 100

226 0.0 24.3 36.5#

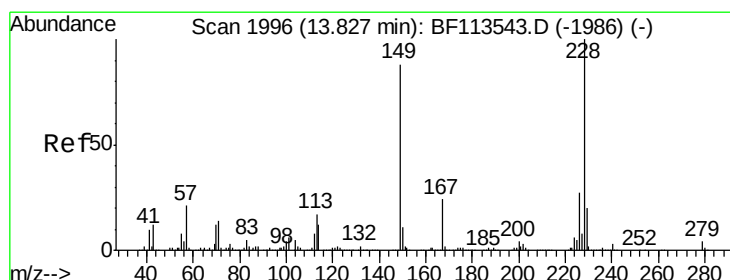
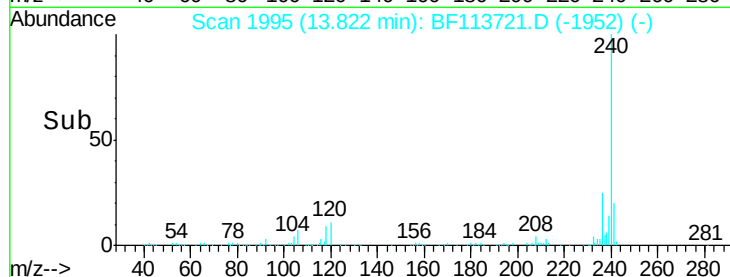
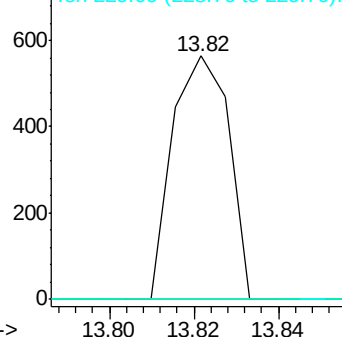
229 0.0 16.3 24.5#



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: 0.032 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

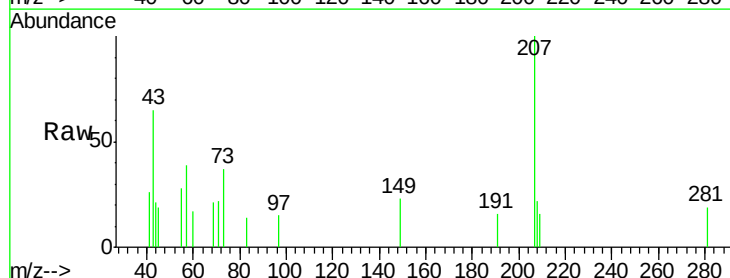
Tgt Ion:149 Resp: 315

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

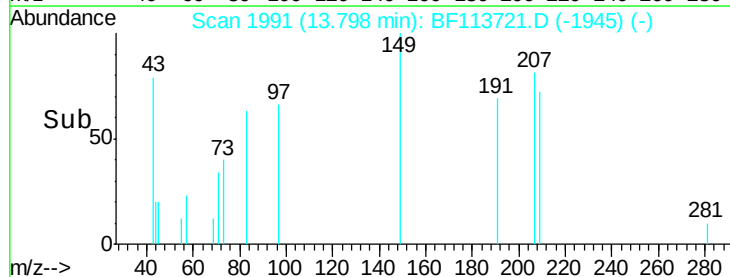
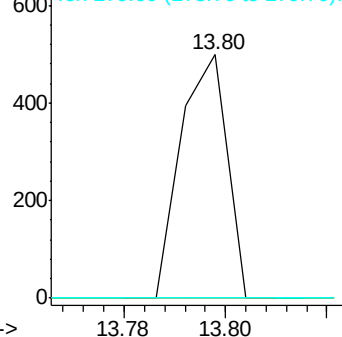
279 0.0 2.9 4.3#

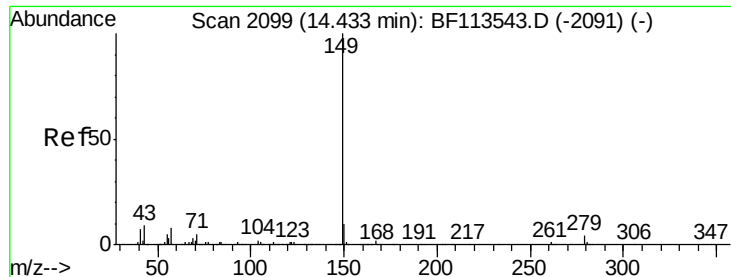


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.21 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

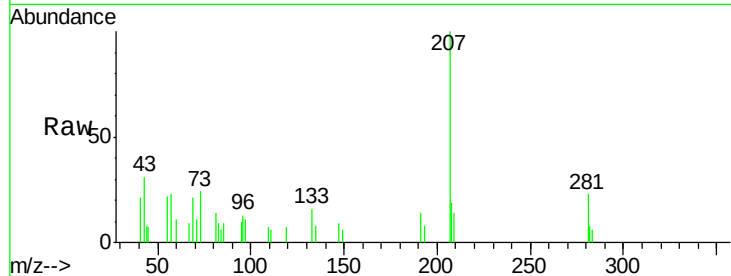
Tot Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

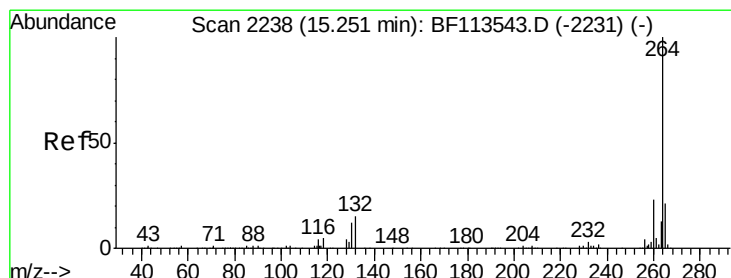
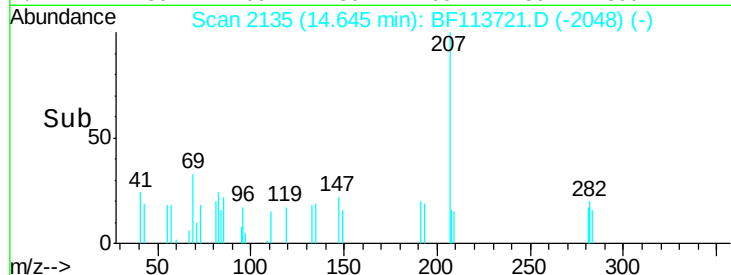
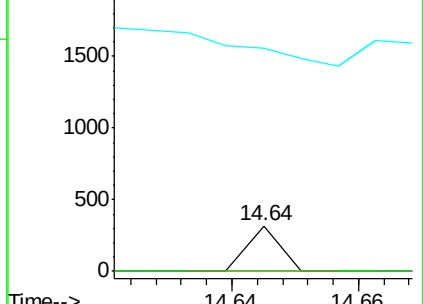
43 0.0 7.7 11.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

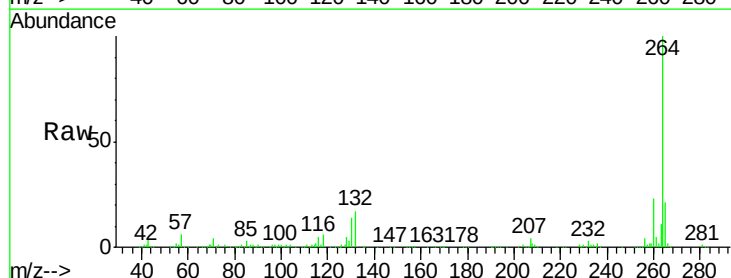
Tgt Ion:264 Resp: 281883

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

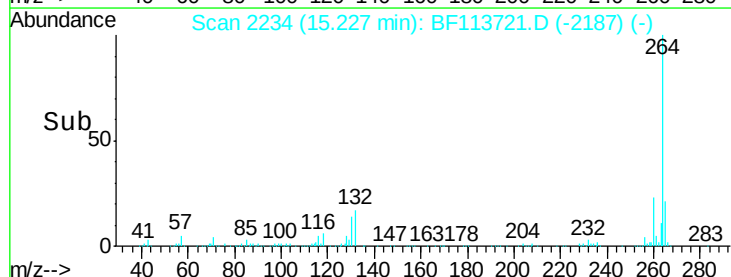
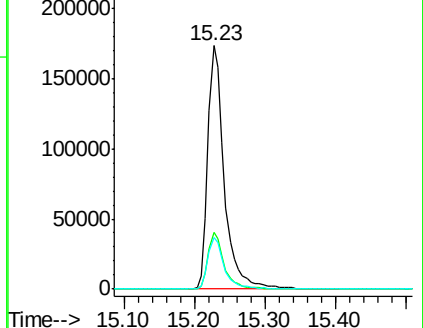
265 21.1 17.1 25.7

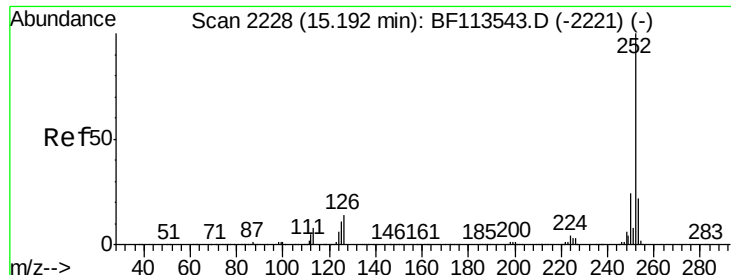


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 0.046 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.04 min

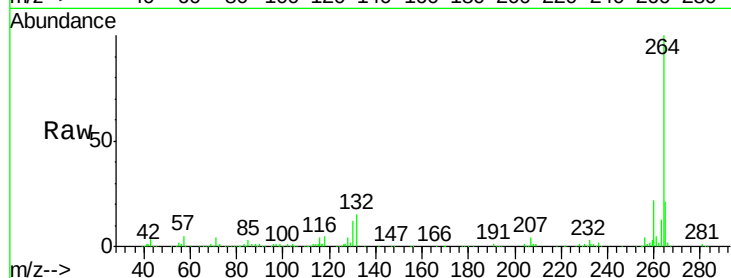
Lab File: BF113721.D

Acq: 11 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	710
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	76.8	8.8	13.2#

