

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
 Data File : BF113726.D
 Acq On : 11 Apr 2019 18:02
 Operator : JU/SJ
 Sample : K2346-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 01:00:56 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	122910	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	457880	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	219122	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	434922	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	297951	20.00	ng	-0.02
87) Perylene-d12	15.23	264	278894	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	808794	112.21	ng	0.00
7) Phenol-d6	6.33	99	913139	102.79	ng	-0.01
23) Nitrobenzene-d5	7.24	82	728849	93.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	356158	135.31	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1387075	101.91	ng	-0.02
79) Terphenyl-d14	12.77	244	1393033	95.19	ng	-0.02

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.02	42	216	0.057	ng	# 1
6) Aniline	6.45	93	995	0.092	ng	# 1
9) Benzaldehyde	6.33	77	875	0.166	ng	# 1
10) Phenol	6.45	94	1826	0.180	ng	# 1
11) bis(2-Chloroethyl)ether	6.45	93	995	0.126	ng	# 1
15) Benzyl Alcohol	6.83	79	11051	1.840	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	6.95	45	452	0.037	ng	# 63
19) n-Nitroso-di-n-propylamine	7.24	70	94089	17.176	ng	# 77
22) Acetophenone	7.12	105	901	0.090	ng	# 49
24) Nitrobenzene	7.24	77	1897	0.236	ng	# 29
25) Isophorone	7.24	82	728844	48.401	ng	# 64
31) Naphthalene	7.98	128	4358	0.196	ng	# 80
33) 4-Chloroaniline	7.97	127	231	0.026	ng	# 21
37) 2-Methylnaphthalene	8.69	142	1515	0.104	ng	# 96
38) 1-Methylnaphthalene	8.78	142	1282	0.091	ng	# 84
46) 1,1'-Biphenyl	9.14	154	2516	0.139	ng	# 87
48) 2-Nitroaniline	9.03	65	1882	0.449	ng	# 2
49) Acenaphthylene	9.73	152	719	0.032	ng	# 1
50) Dimethylphthalate	9.70	163	51763	3.205	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	27742	7.792	ng	# 26
52) Acenaphthene	9.73	154	1240	0.097	ng	# 96
55) Dibenzofuran	9.94	168	110	0.006	ng	# 45
57) 2,4-Dinitrotoluene	9.70	165	27742	6.443	ng	# 23
58) Fluorene	10.27	166	897	0.061	ng	# 83
60) Diethylphthalate	10.13	149	149	0.010	ng	# 59
63) Azobenzene	10.49	77	1252	0.085	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.49	198	500	0.218	ng	# 1
66) n-Nitrosodiphenylamine	10.49	169	9301	0.697	ng	# 34
67) 4-Bromophenyl-phenylether	10.50	248	19635	4.025	ng	# 1
71) Phenanthrene	11.21	178	2498	0.116	ng	# 94
72) Anthracene	11.21	178	2498	0.114	ng	# 95
74) Di-n-butylphthalate	11.75	149	1964	0.080	ng	# 78
75) Fluoranthene	12.42	202	255	0.011	ng	# 64
77) Benzidine	12.77	184	16153	1.458	ng	# 97

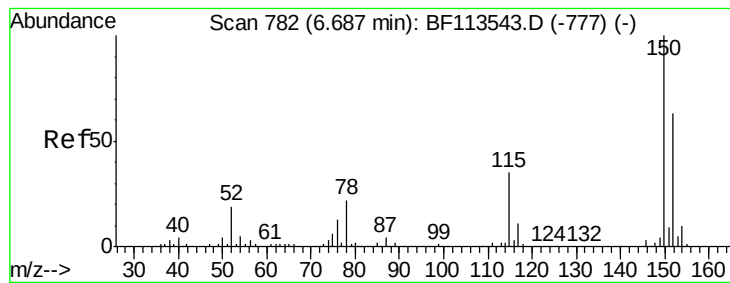
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113726.D
Acq On : 11 Apr 2019 18:02
Operator : JU/SJ
Sample : K2346-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.77	202	3998	0.176	ng	# 66
81) Benzo(a)anthracene	13.82	228	540	0.031	ng	# 51
83) Chrysene	13.82	228	540	0.031	ng	# 49
84) Bis(2-ethylhexyl)phthalate	13.80	149	304	0.027	ng	# 52
85) Di-n-octyl phthalate	14.40	149	113	0.006	ng	# 1
90) Benzo(a)pyrene	15.23	252	798	0.053	ng	# 20

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

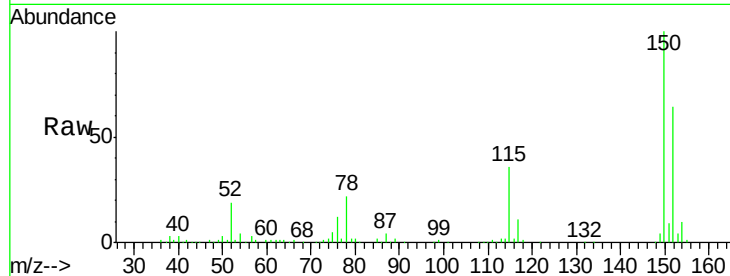


#1

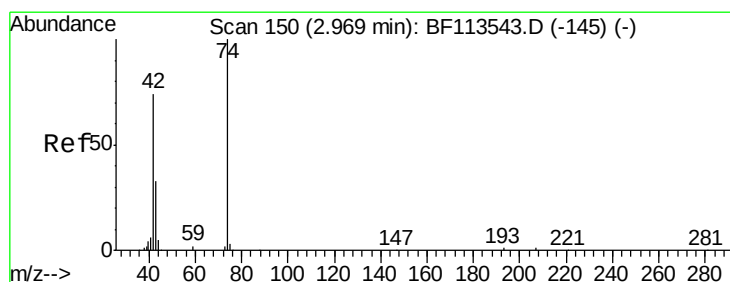
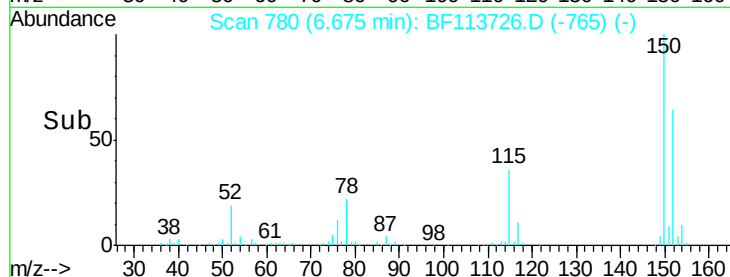
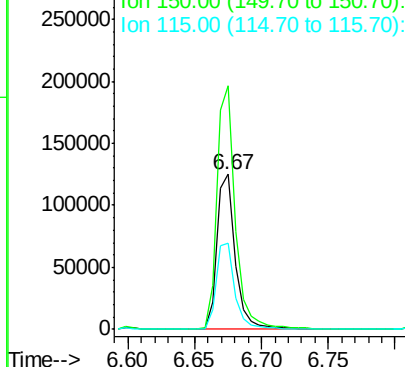
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 122910
Ion Ratio Lower Upper
152 100
150 157.1 124.7 187.1
115 56.0 46.0 69.0



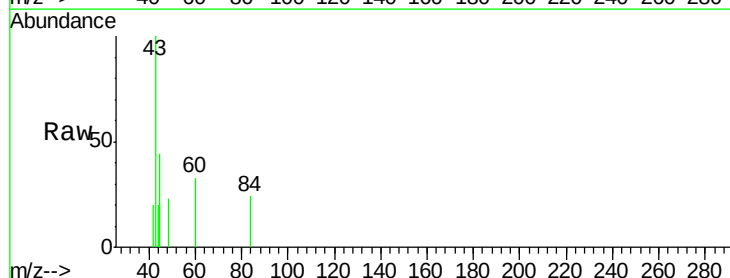
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



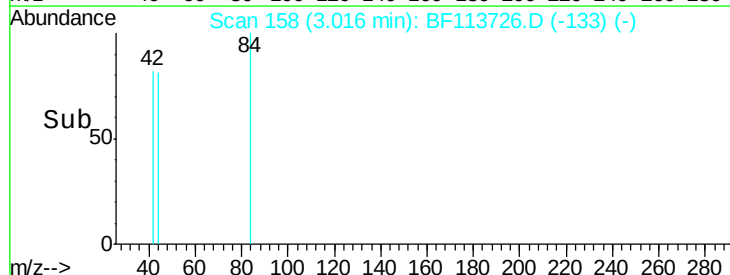
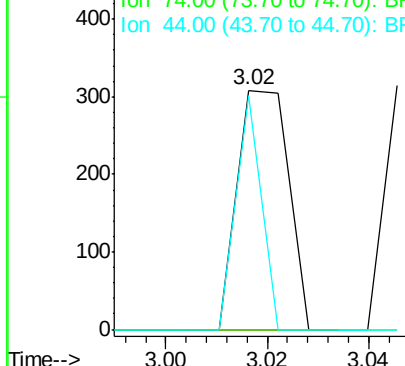
#4

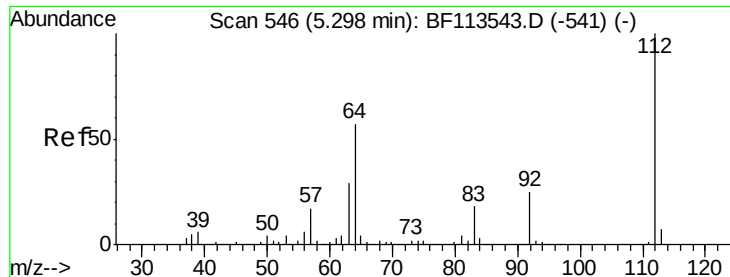
n-Nitrosodimethylamine
Concen: 0.057 ng
RT: 3.02 min Scan# 158
Delta R.T. 0.05 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Tgt Ion: 42 Resp: 216
Ion Ratio Lower Upper
42 100
74 0.0 102.4 153.6#
44 98.1 5.5 8.3#



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





#5

2-Fluorophenol

Concen: 112.211 ng

RT: 5.30 min Scan# 546

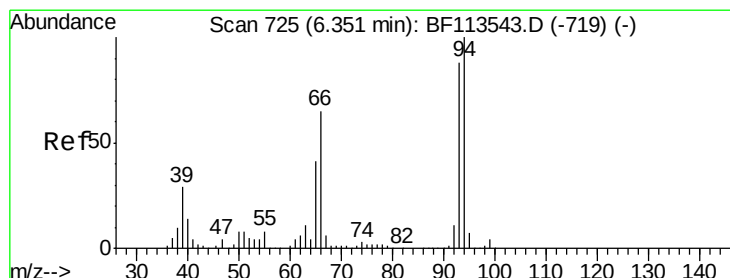
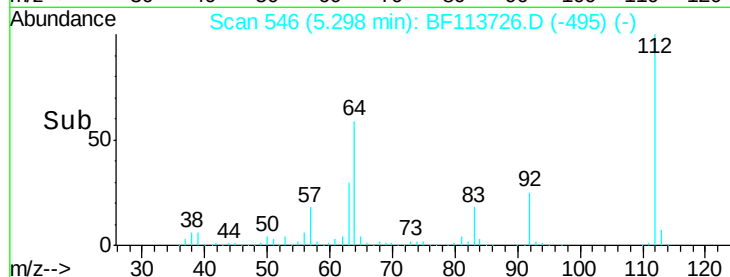
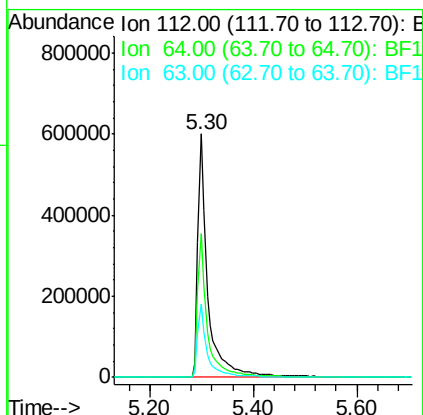
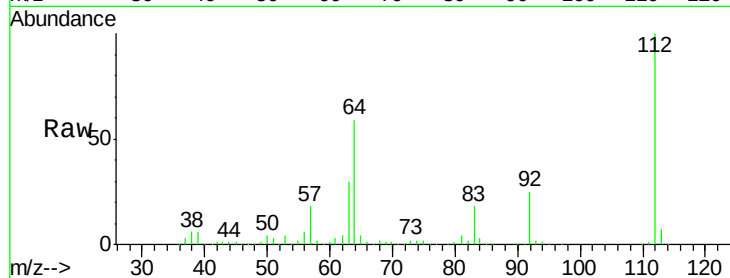
Delta R.T. 0.00 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	808794
Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.2	73.8
63	29.9	24.9	37.3



#6

Aniline

Concen: 0.092 ng

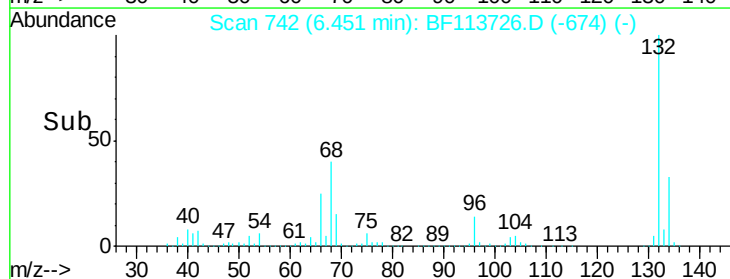
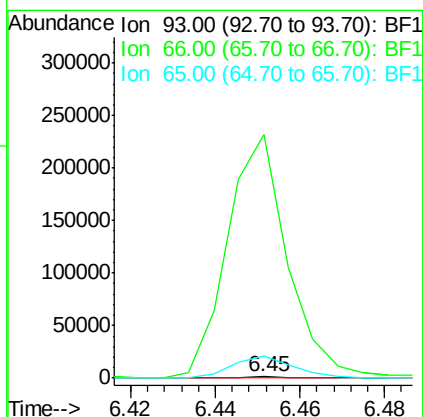
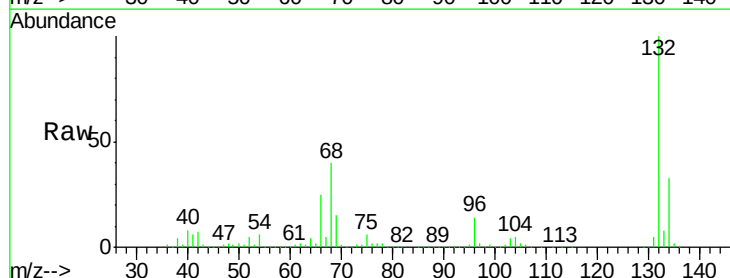
RT: 6.45 min Scan# 742

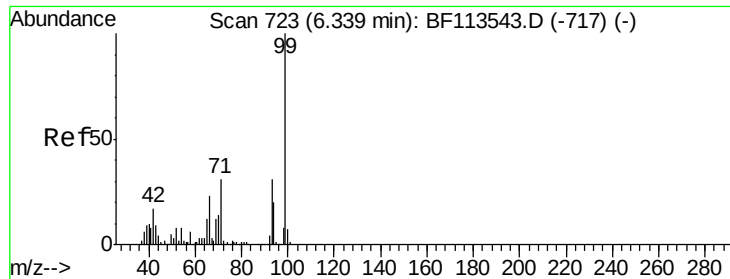
Delta R.T. 0.10 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Tgt Ion:	93	Resp:	995
Ion	Ratio	Lower	Upper
93	100		
66	19807.2	62.1	93.1#
65	1788.0	38.7	58.1#





#7

Phenol-d6

Concen: 102.788 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

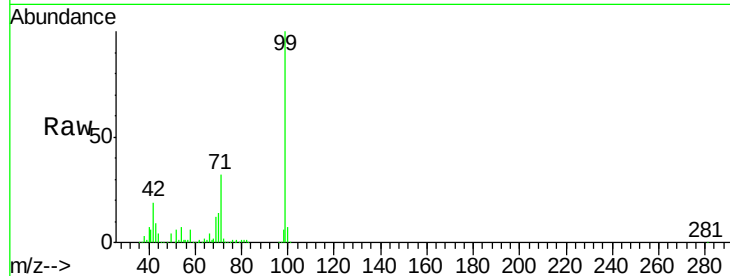
Tot Ion: 99 Resp: 913139

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

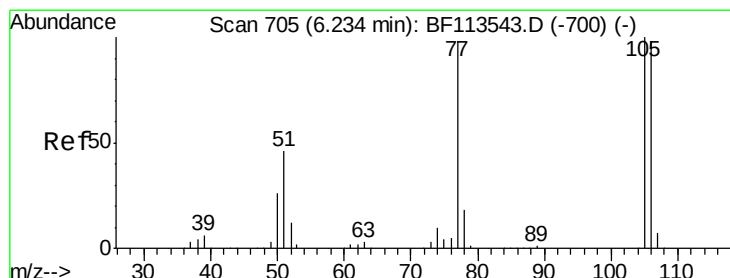
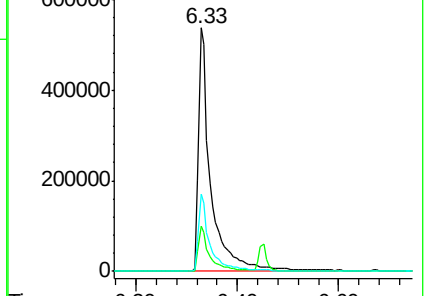
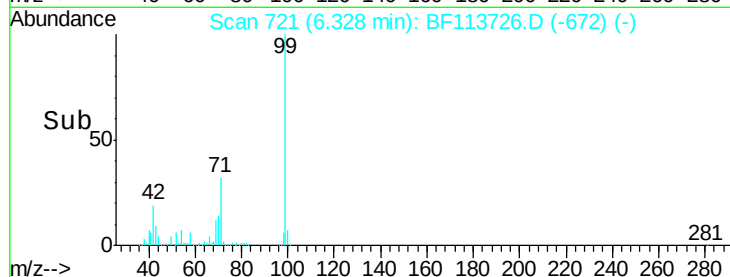
71 31.7 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 0.166 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.10 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

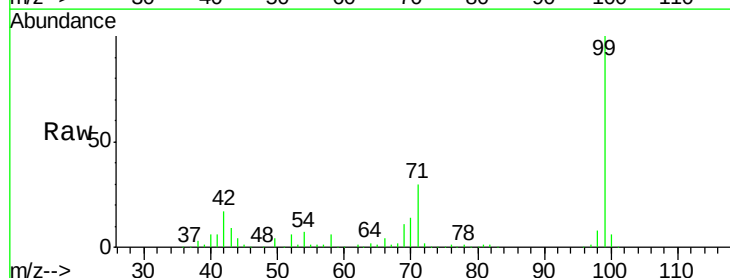
Tgt Ion: 77 Resp: 875

Ion Ratio Lower Upper

77 100

105 0.0 80.9 120.9#

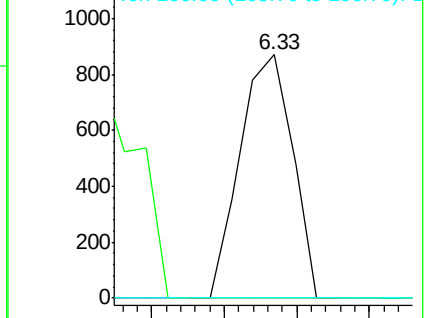
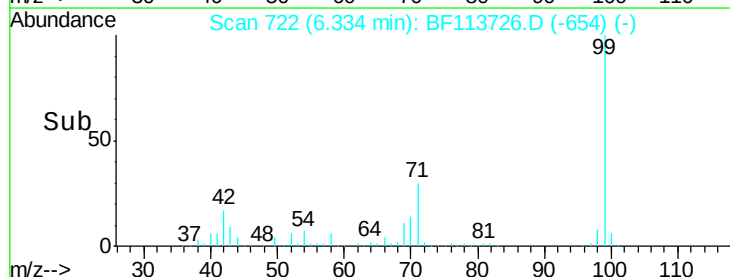
106 0.0 77.8 117.8#

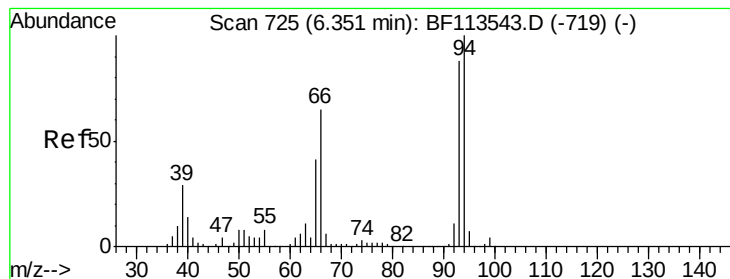


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 0.180 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.10 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

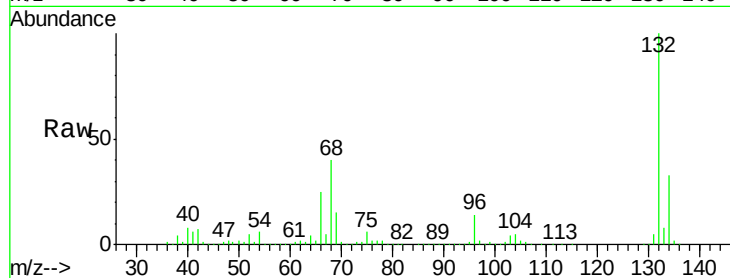
Tot Ion: 94 Resp: 1826

Ion Ratio Lower Upper

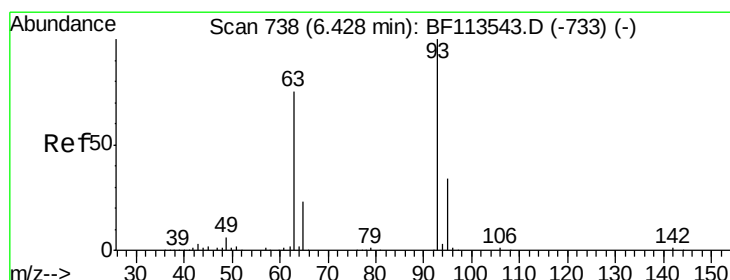
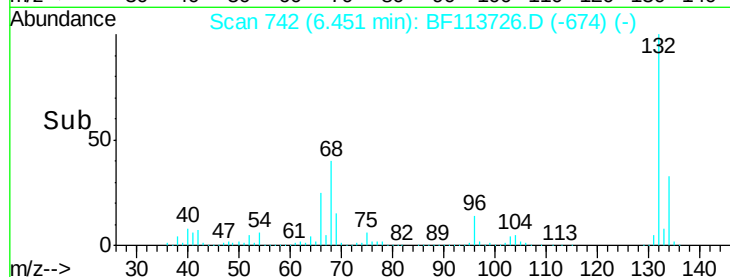
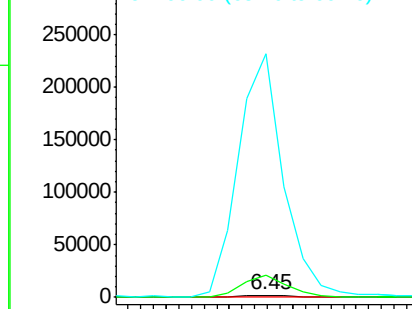
94 100

65 1098.7 21.4 61.4#

66 12171.4 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: 0.126 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

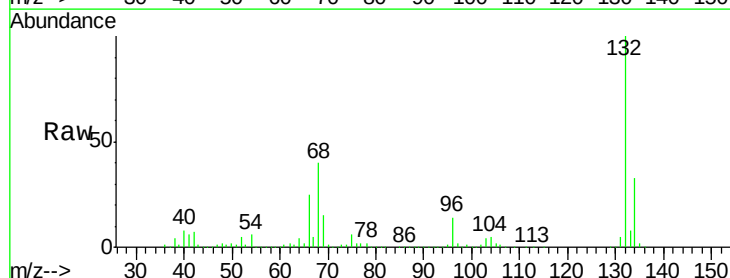
Tgt Ion: 93 Resp: 995

Ion Ratio Lower Upper

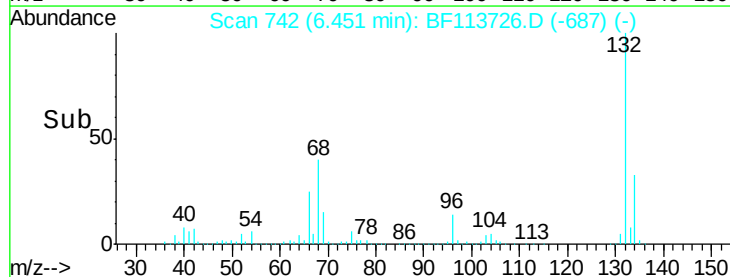
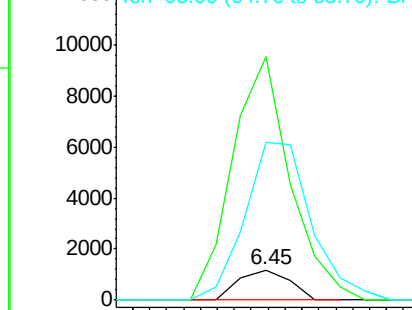
93 100

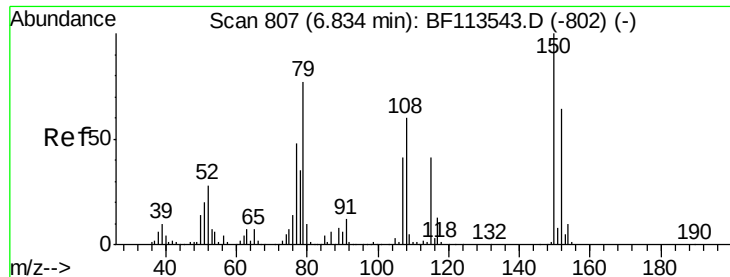
63 815.6 56.1 96.1#

95 528.2 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: 1.840 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

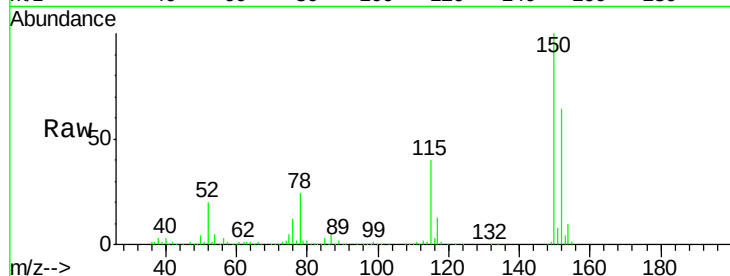
Tot Ion: 79 Resp: 11051

Ion Ratio Lower Upper

79 100

108 29.7 62.0 93.0#

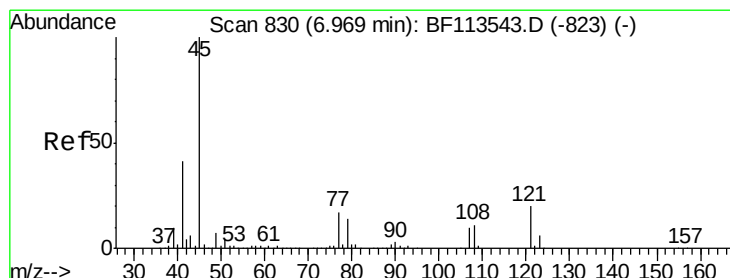
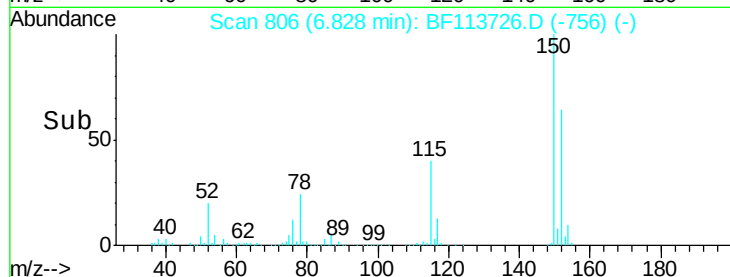
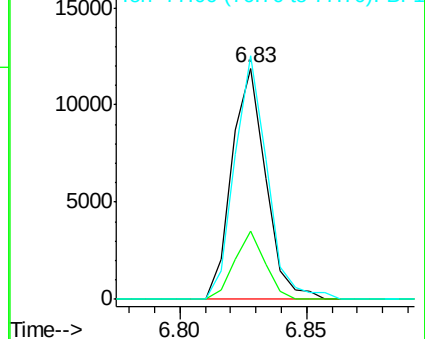
77 105.2 49.9 74.9#



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'-oxybis(1-Chloropropane)

Concen: 0.037 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

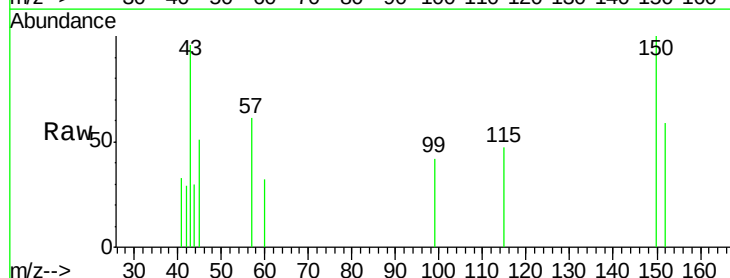
Tgt Ion: 45 Resp: 452

Ion Ratio Lower Upper

45 100

77 0.0 0.0 36.6

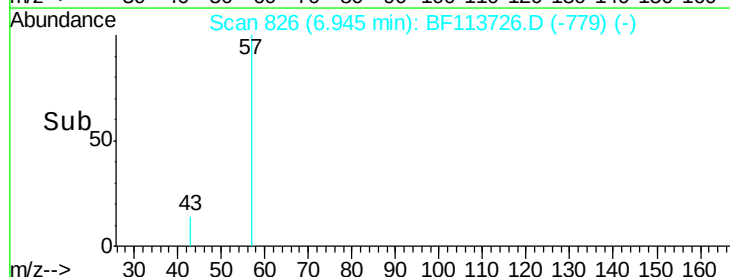
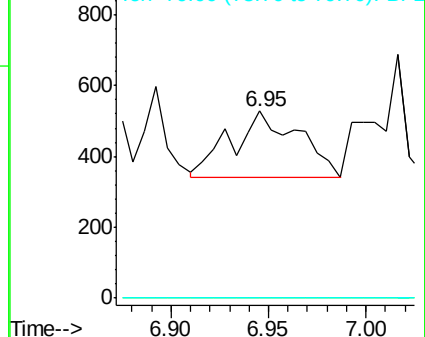
79 0.0 0.0 34.0

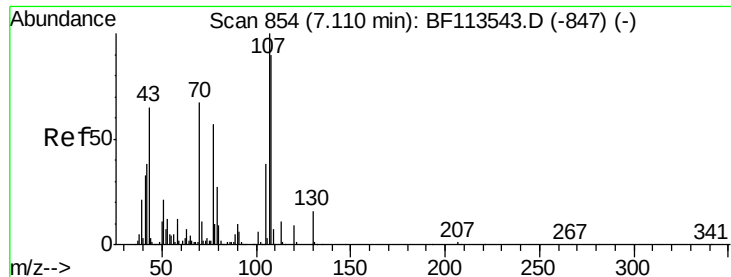


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

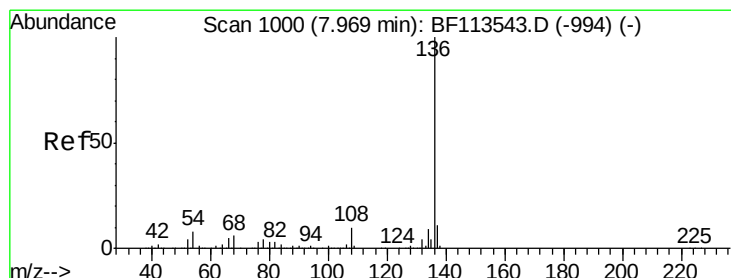
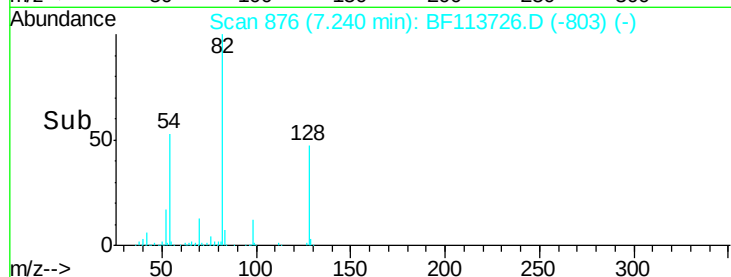
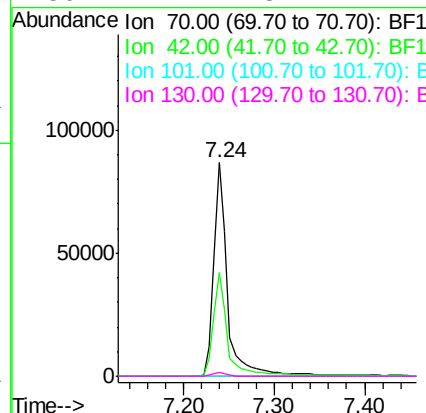
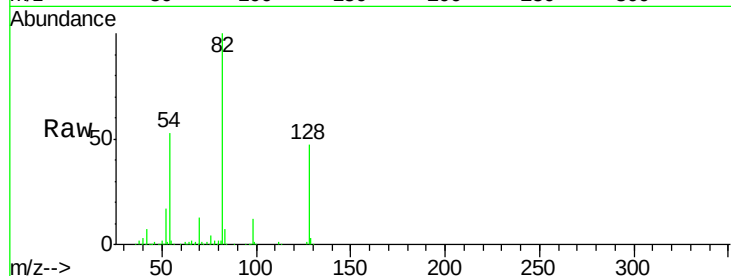




#19
n-Nitroso-di-n-propylamine
Concen: 17.176 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.13 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

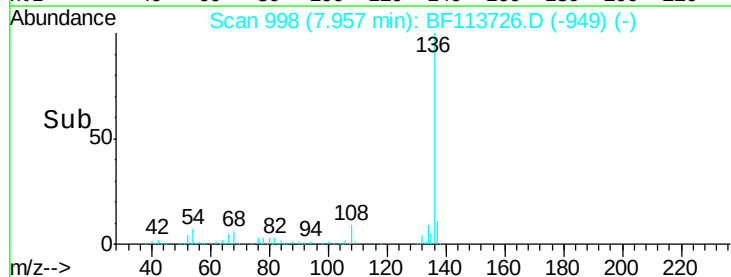
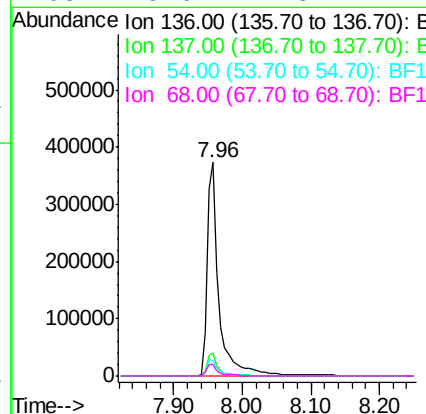
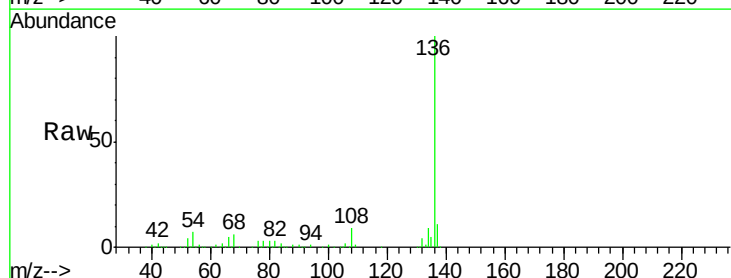
Instrument :
BNA_F
ClientSampleId :

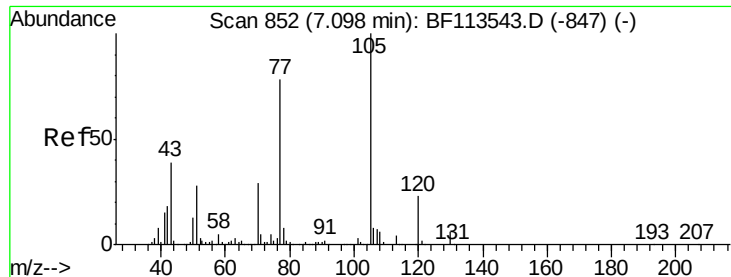
Tot Ion: 70 Resp: 94089
Ion Ratio Lower Upper
70 100
42 48.6 48.4 72.6
101 0.0 7.8 11.8#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Tgt Ion: 136 Resp: 457880
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 7.0 10.6
68 5.6 4.8 7.2

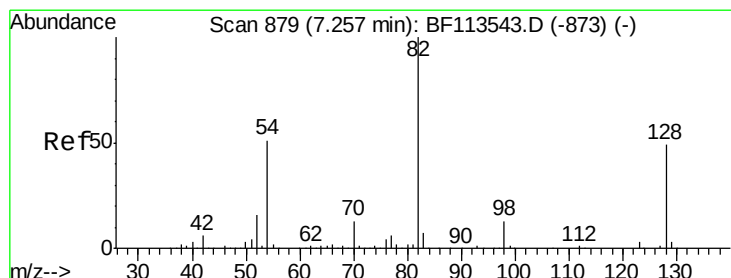
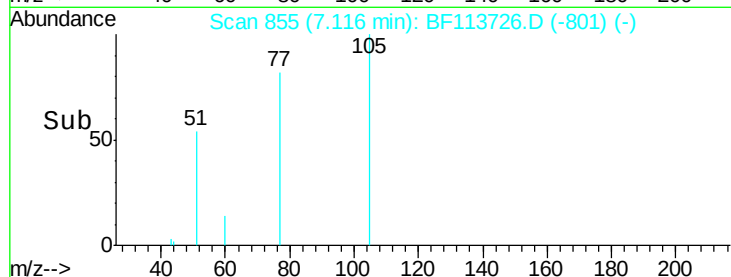
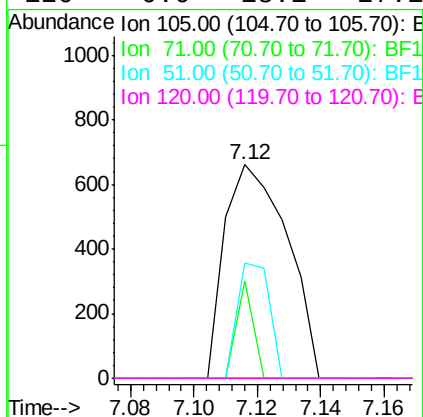
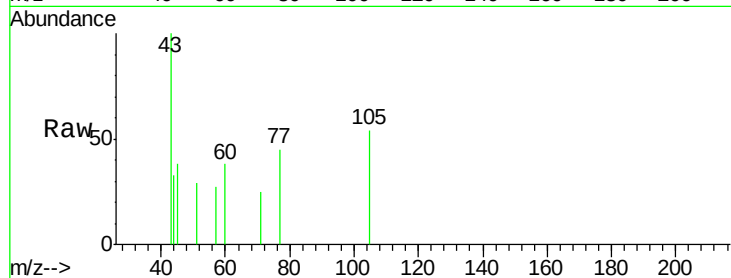




#22
Acetophenone
Concen: 0.090 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.02 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

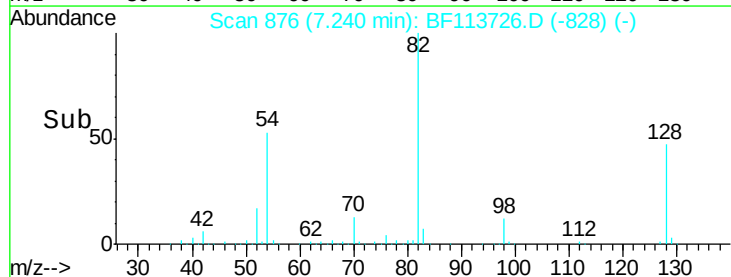
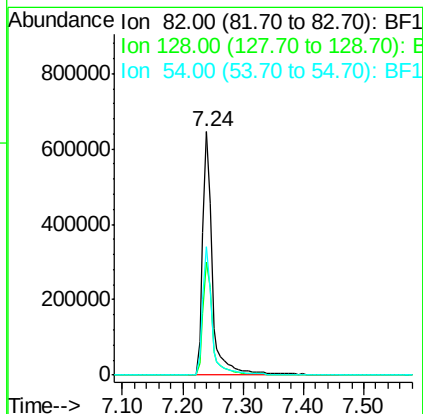
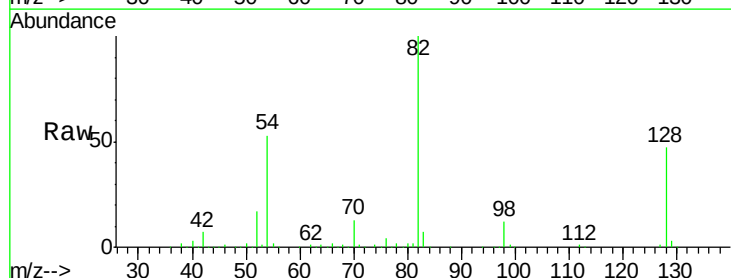
Instrument :
BNA_F
ClientSampled :

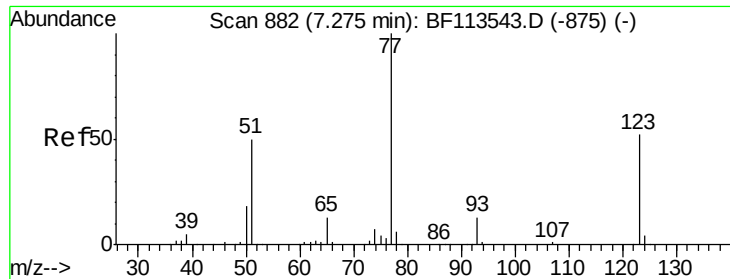
Tot Ion: 105 Resp: 901
Ion Ratio Lower Upper
105 100
71 45.7 3.3 4.9#
51 53.9 24.2 36.2#
120 0.0 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 93.240 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Tgt Ion: 82 Resp: 728849
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 52.9 42.2 63.2





#24

Nitrobenzene

Concen: 0.236 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampled :

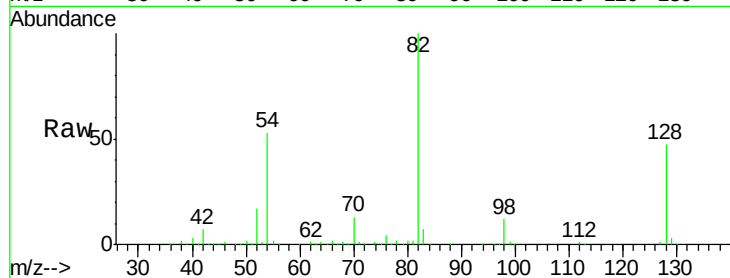
Tot Ion: 77 Resp: 1897

Ion Ratio Lower Upper

77 100

123 0.0 40.8 61.2#

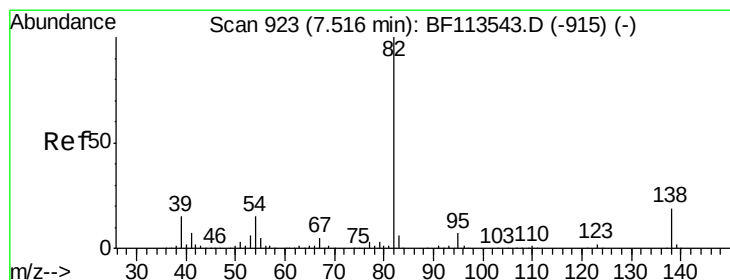
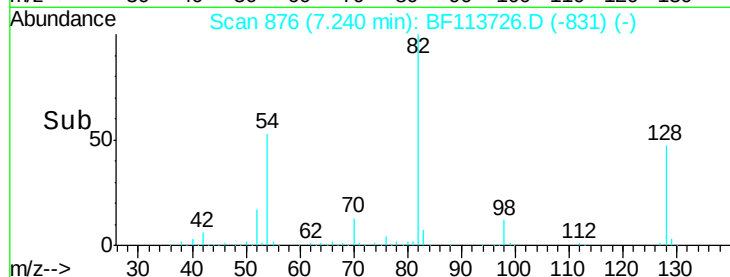
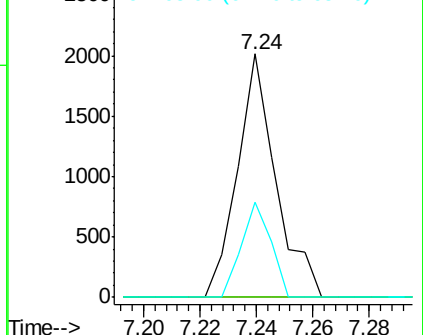
65 38.8 10.6 16.0#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 48.401 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

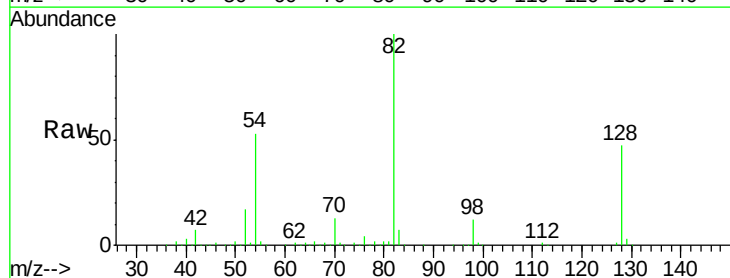
Tgt Ion: 82 Resp: 728844

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

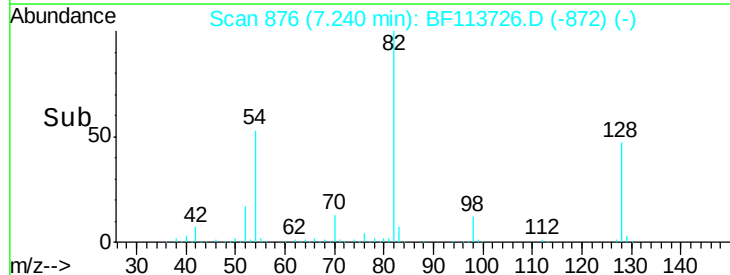
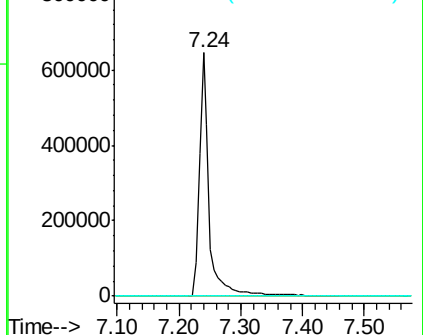
138 0.0 15.2 22.8#

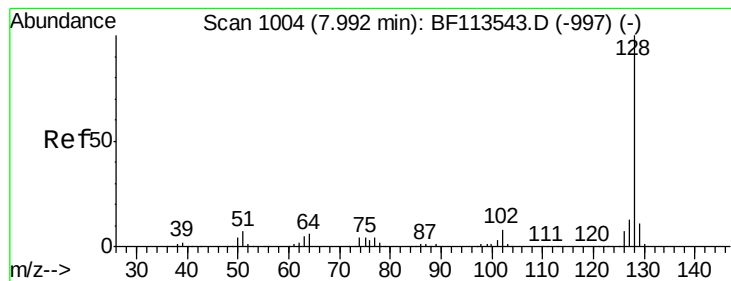


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 0.196 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

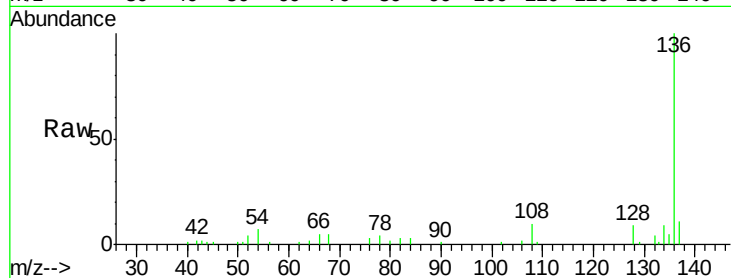
Tot Ion:128 Resp: 4358

Ion Ratio Lower Upper

128 100

129 10.0 9.3 13.9

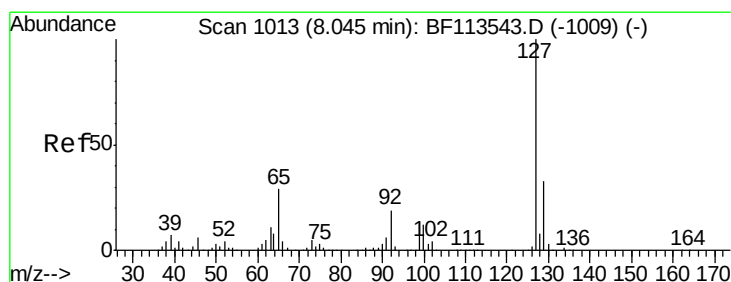
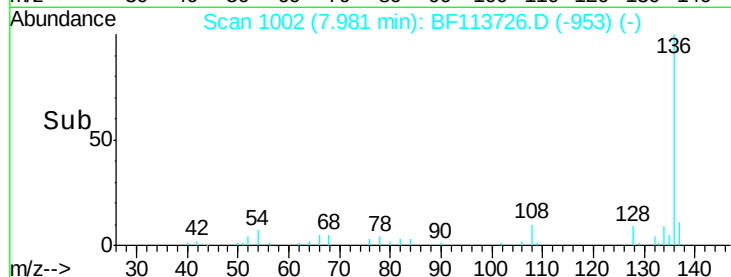
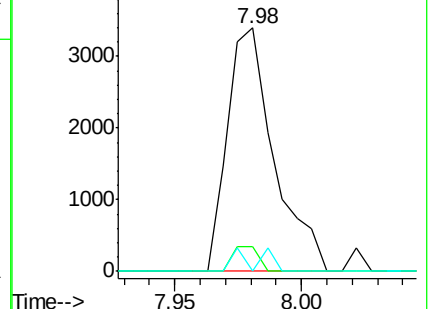
127 0.0 10.9 16.3#



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



#33

4-Chloroaniline

Concen: 0.026 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.07 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Tgt Ion:127 Resp: 231

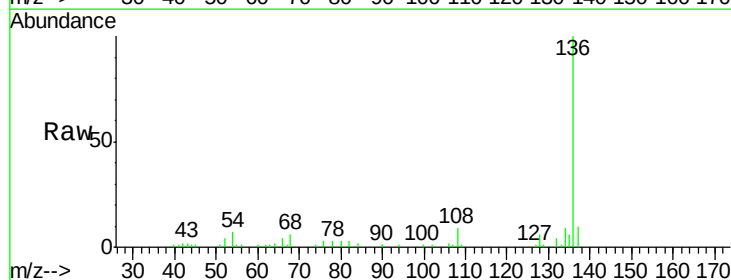
Ion Ratio Lower Upper

127 100

129 101.2 26.3 39.5#

65 0.0 24.2 36.4#

92 0.0 15.0 22.6#

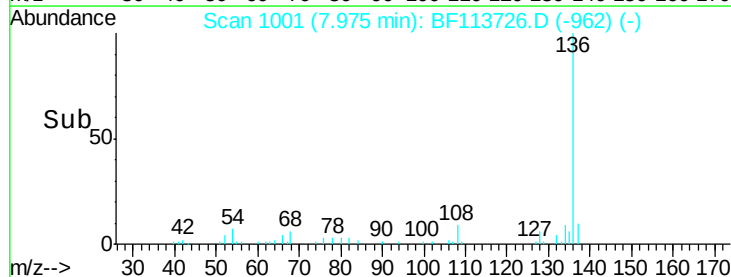
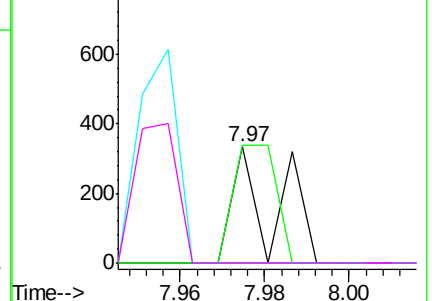


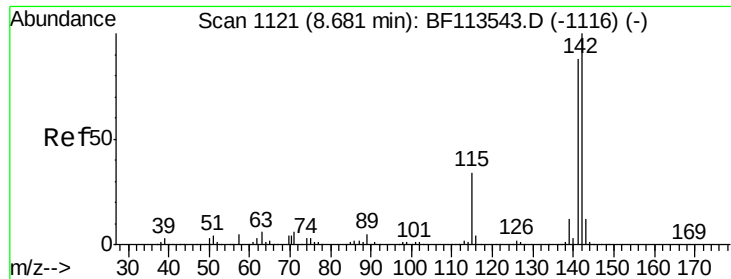
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

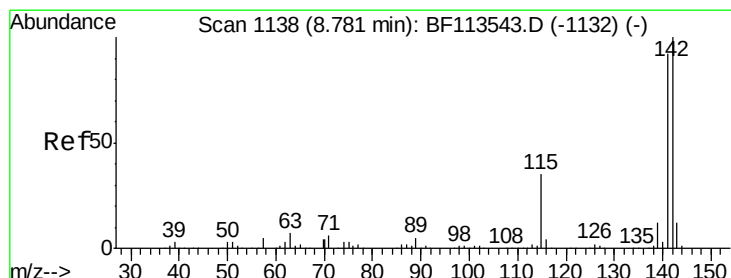
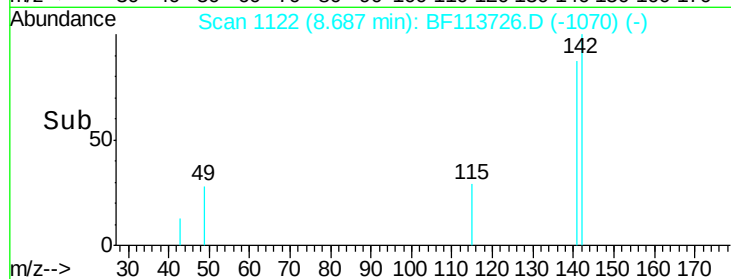
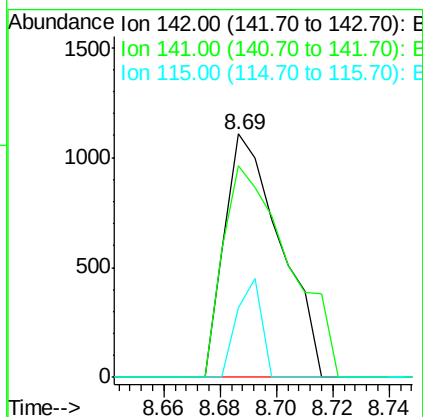
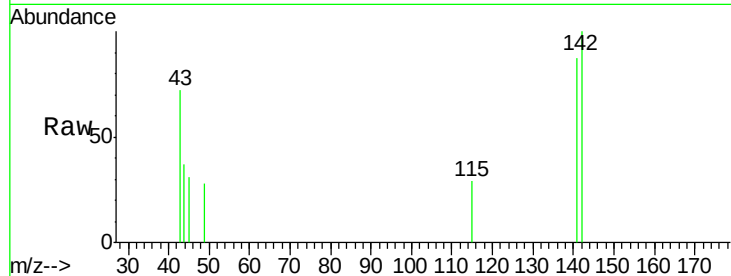




#37
 2-Methylnaphthalene
 Concen: 0.104 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

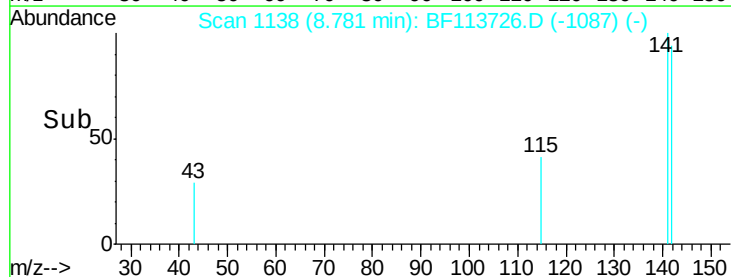
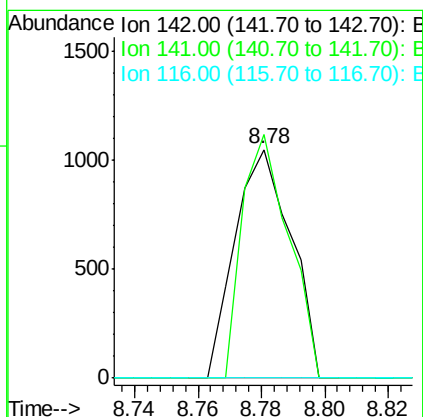
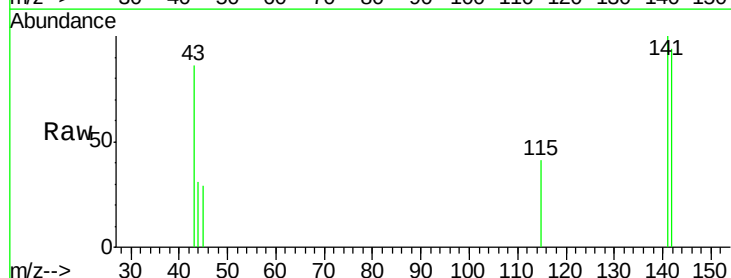
Instrument :
 BNA_F
 ClientSampleId :

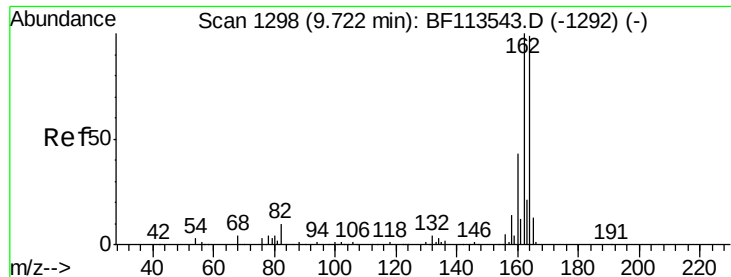
Tot Ion:142 Resp: 1515
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.0 106.6
 115 28.8 26.6 39.8



#38
 1-Methylnaphthalene
 Concen: 0.091 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

Tgt Ion:142 Resp: 1282
 Ion Ratio Lower Upper
 142 100
 141 106.7 73.2 109.8
 116 0.0 3.0 4.4#

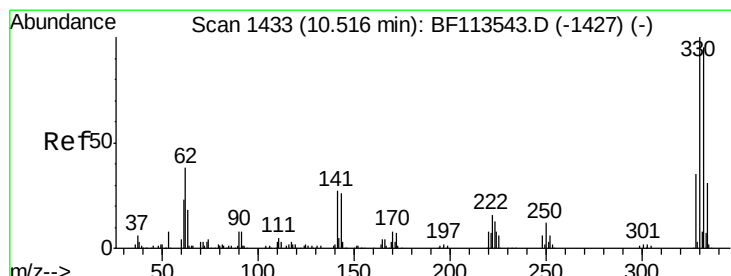
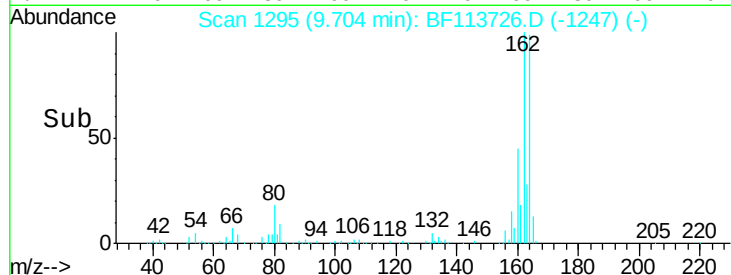
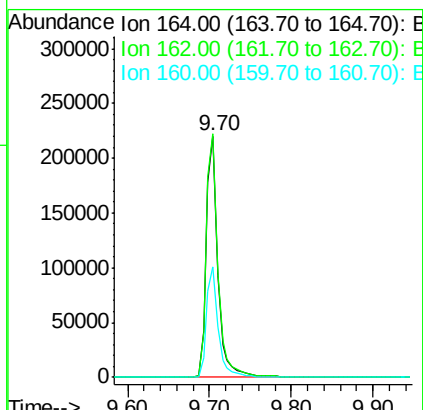
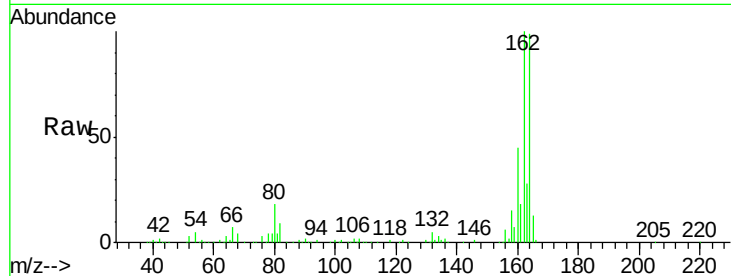




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

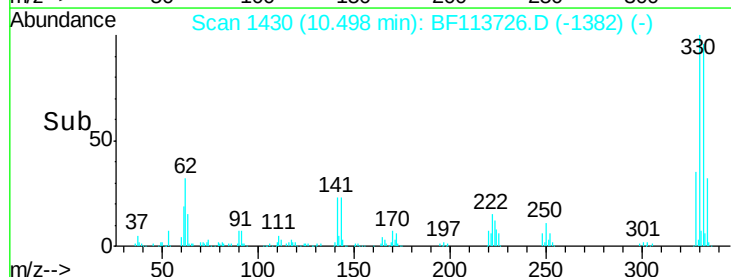
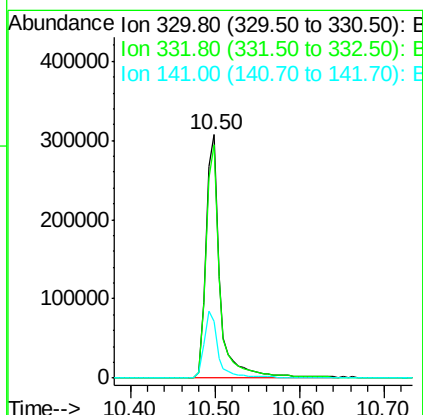
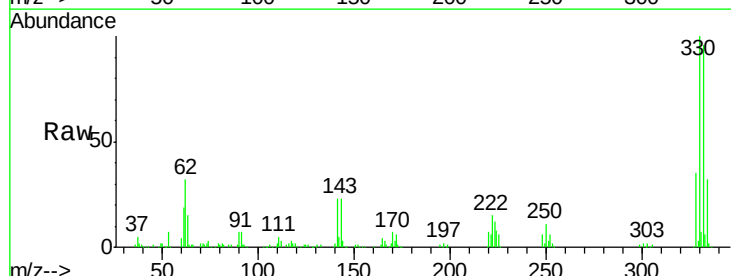
Instrument :
 BNA_F
 ClientSampleId :

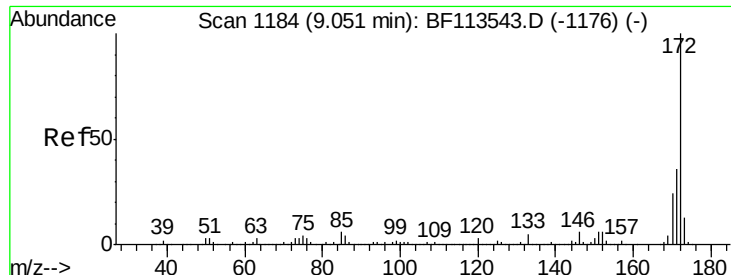
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	45.6	36.4	54.6



#42
 2,4,6-Tribromophenol
 Concen: 135.309 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	28.0	22.7	34.1

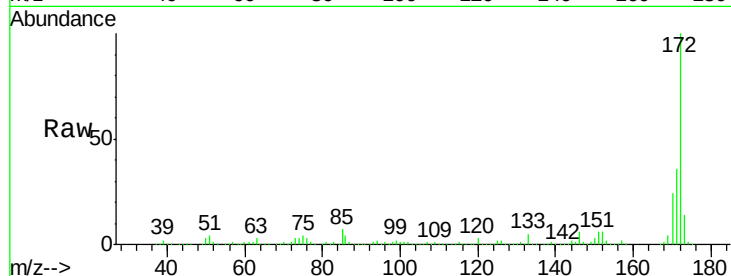




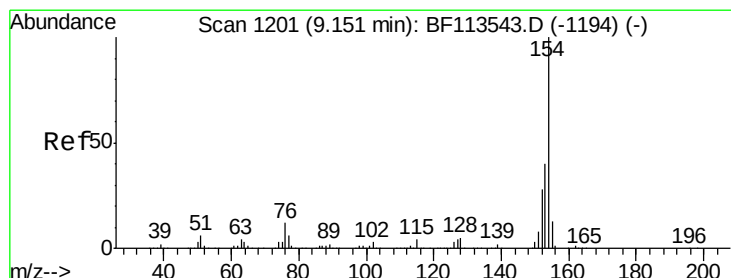
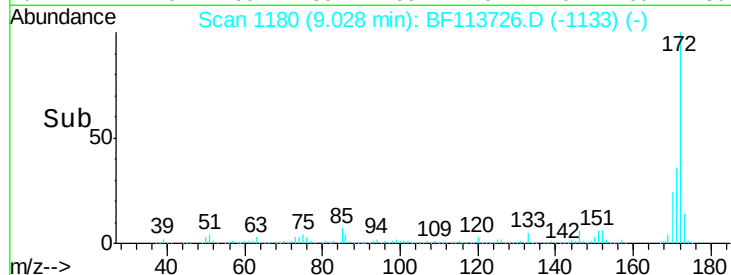
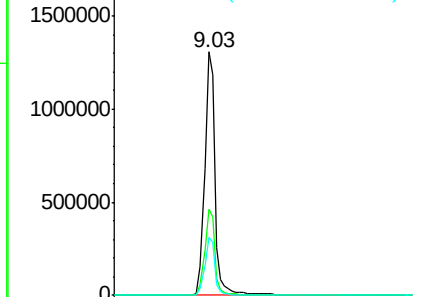
#45
2-Fluorobiphenyl
Concen: 101.909 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1387075
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 24.1 19.5 29.3

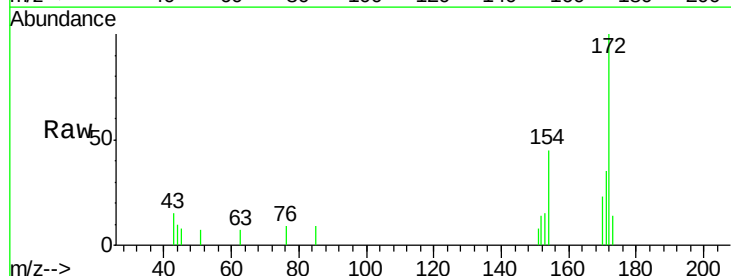


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

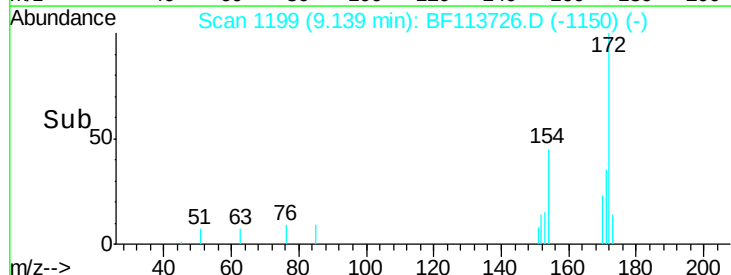
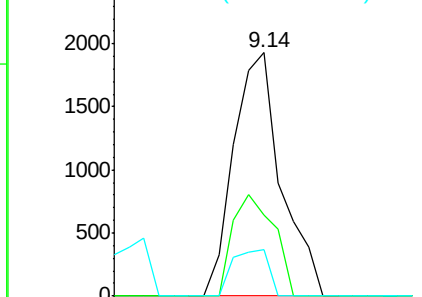


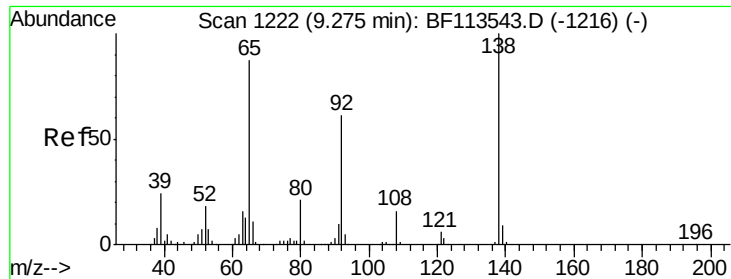
#46
1,1'-Biphenyl
Concen: 0.139 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Tgt Ion:154 Resp: 2516
Ion Ratio Lower Upper
154 100
153 33.5 20.8 60.8
76 19.3 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: 0.449 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.25 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampled :

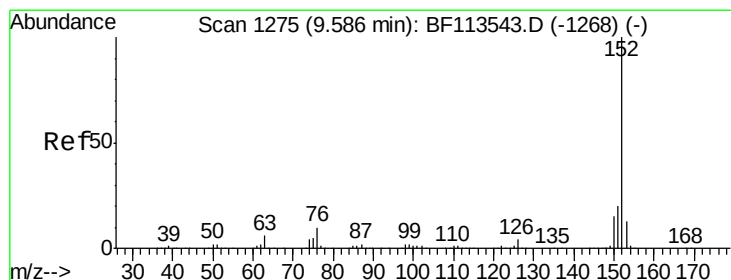
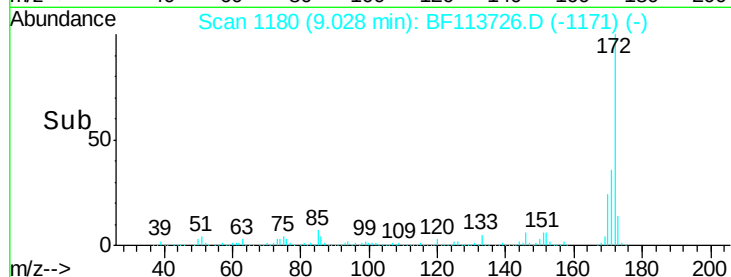
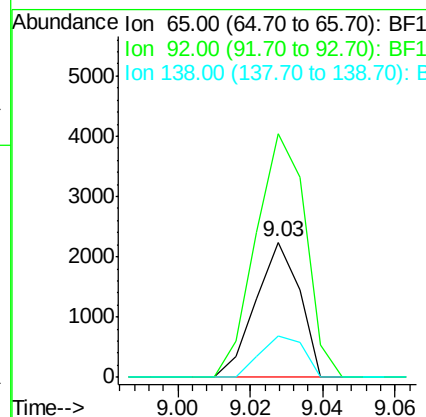
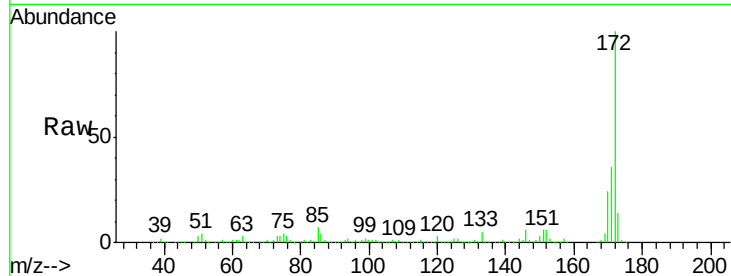
Tot Ion: 65 Resp: 1882

Ion Ratio Lower Upper

65 100

92 180.1 56.8 85.2#

138 31.1 92.3 138.5#



#49

Acenaphthylene

Concen: 0.032 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.15 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

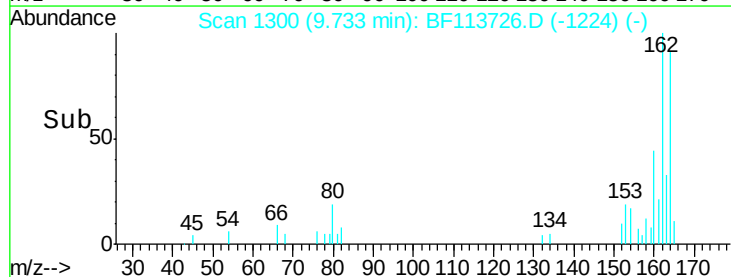
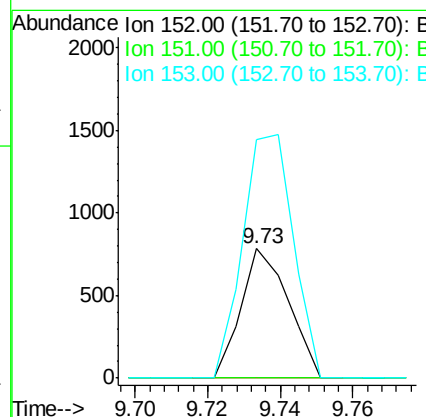
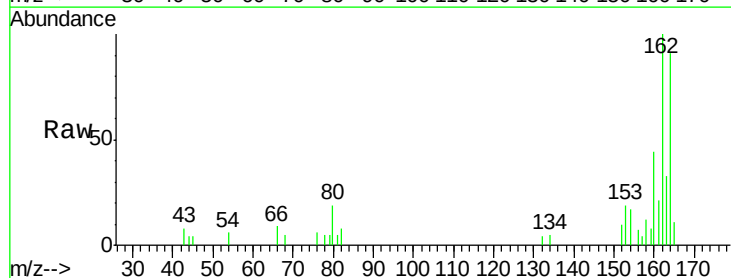
Tgt Ion: 152 Resp: 719

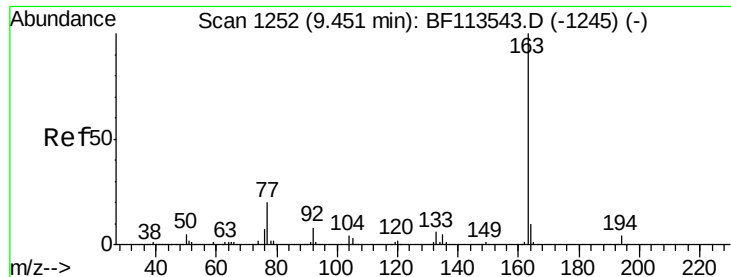
Ion Ratio Lower Upper

152 100

151 0.0 16.2 24.4#

153 183.9 11.0 16.6#





#50

Dimethylphthalate

Concen: 3.205 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.25 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

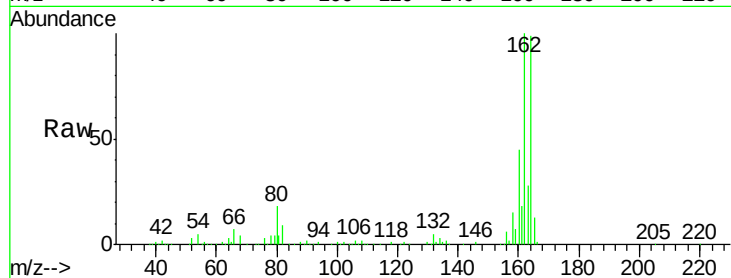
Tot Ion:163 Resp: 51763

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

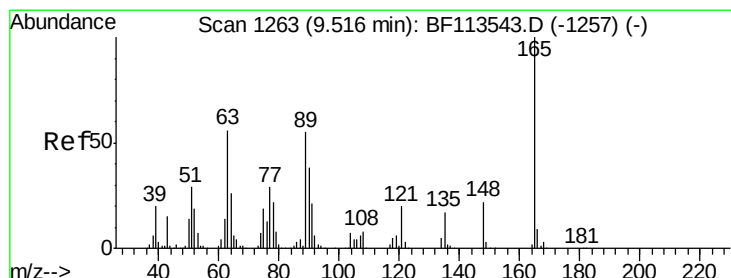
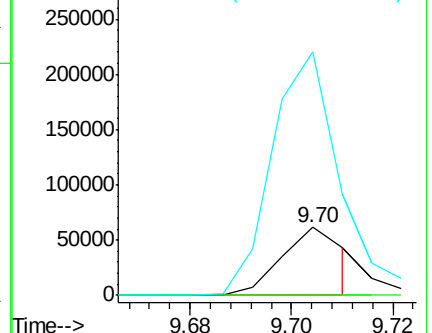
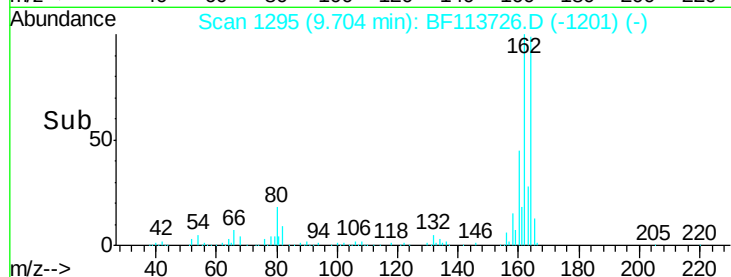
164 359.7 8.1 12.1#



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: 7.792 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

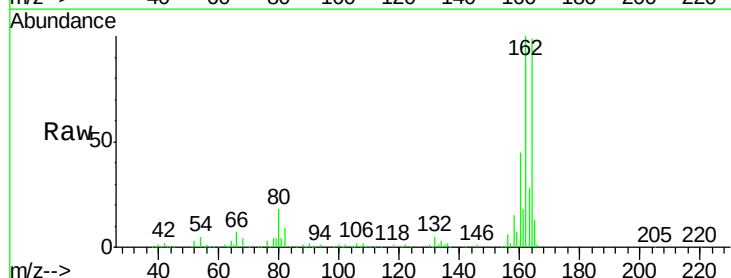
Tgt Ion:165 Resp: 27742

Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

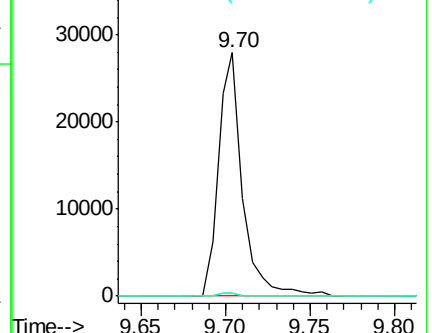
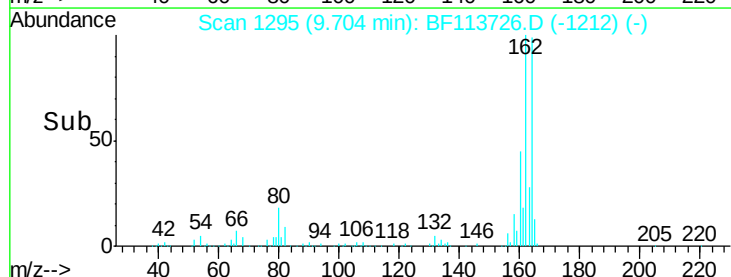
89 1.3 43.1 64.7#

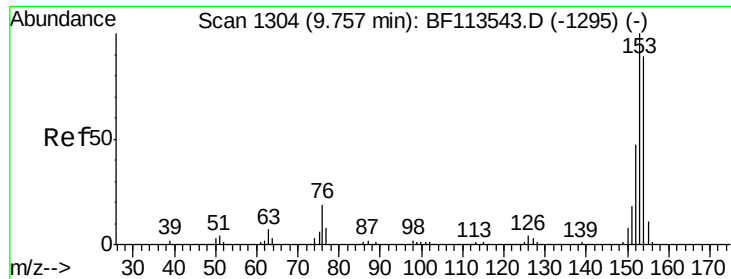


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.097 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

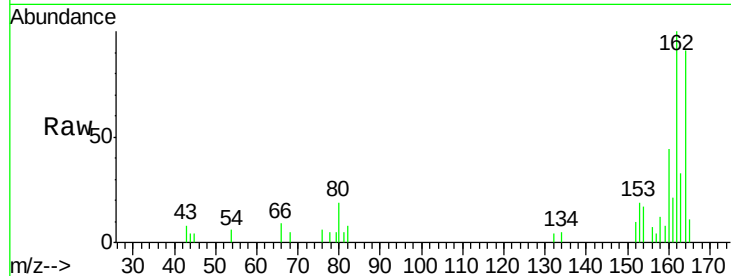
Tot Ion:154 Resp: 1240

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

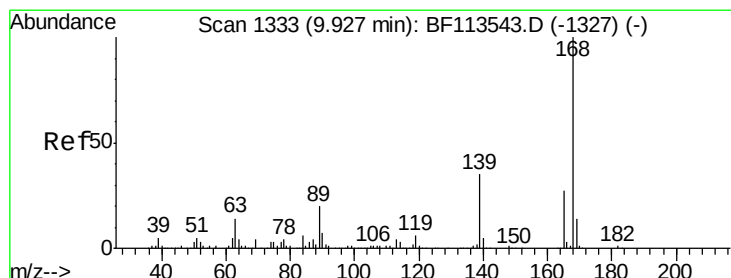
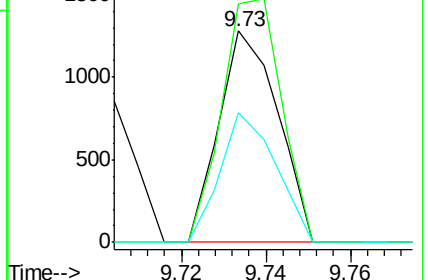
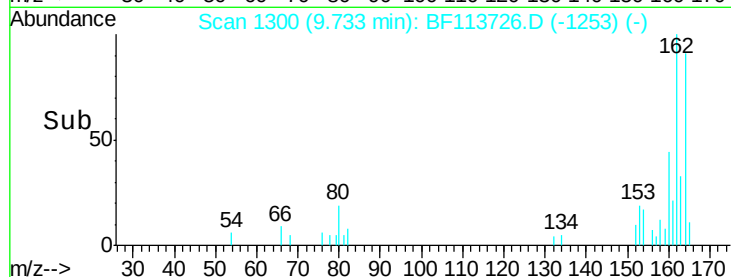
152 61.3 43.3 64.9



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: 0.006 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

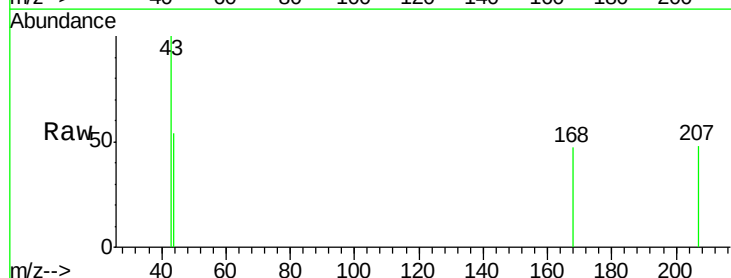
Tgt Ion:168 Resp: 110

Ion Ratio Lower Upper

168 100

139 0.0 29.7 44.5#

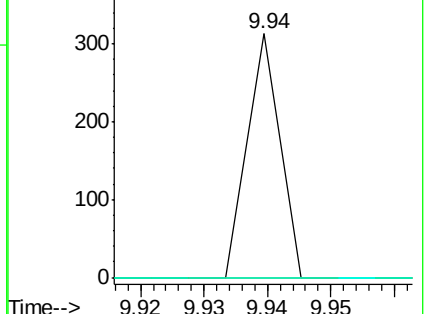
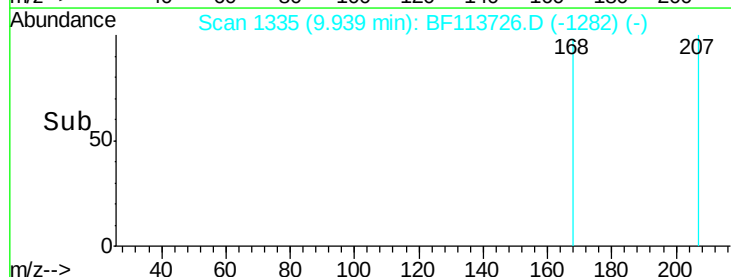
169 0.0 10.7 16.1#

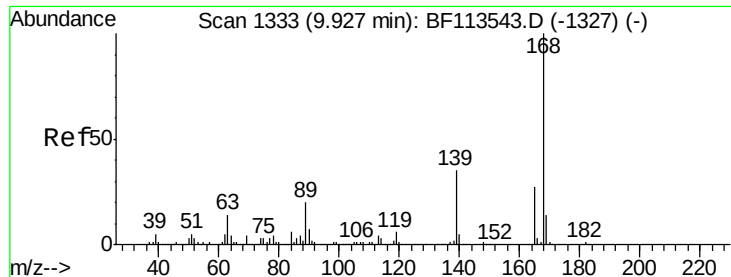


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

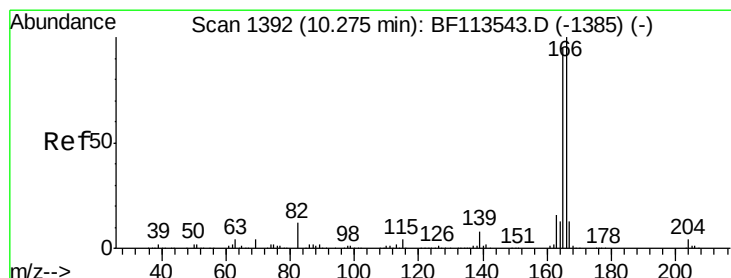
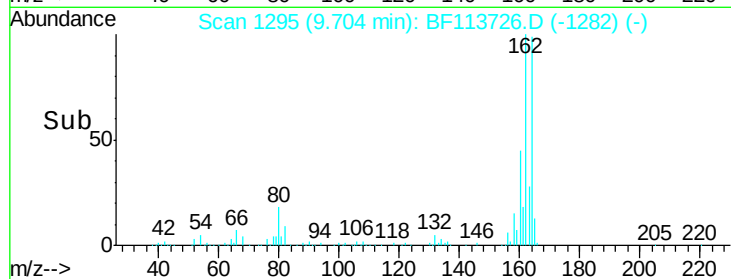
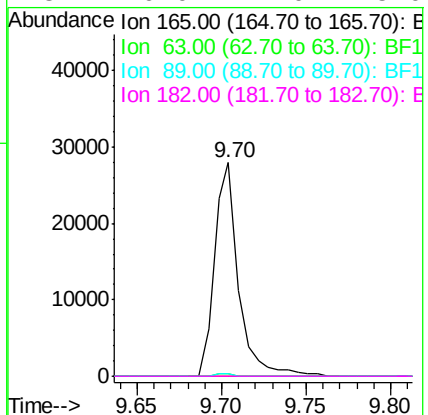
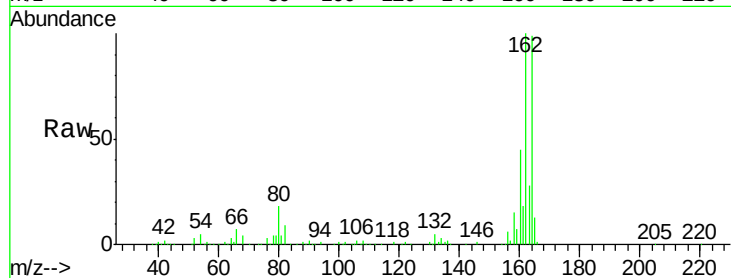




#57
 2,4-Dinitrotoluene
 Concen: 6.443 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

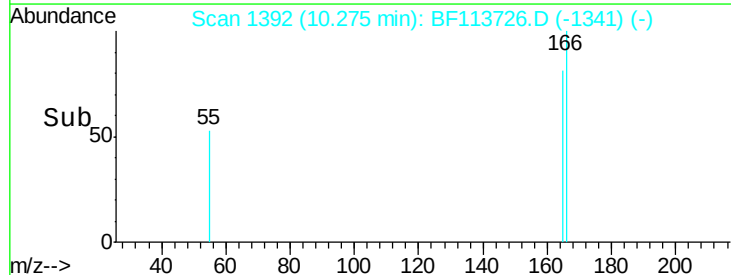
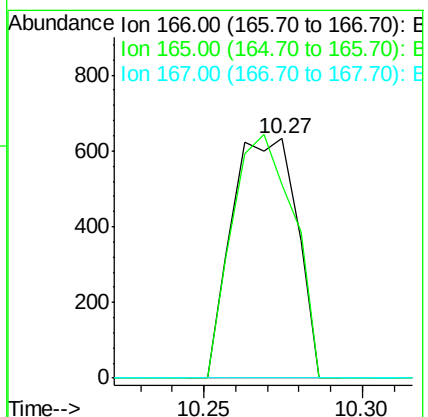
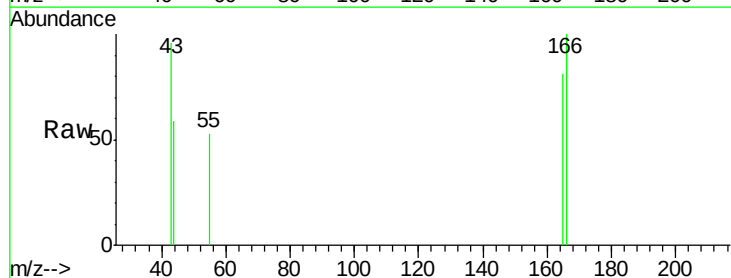
Instrument :
 BNA_F
 ClientSampleId :

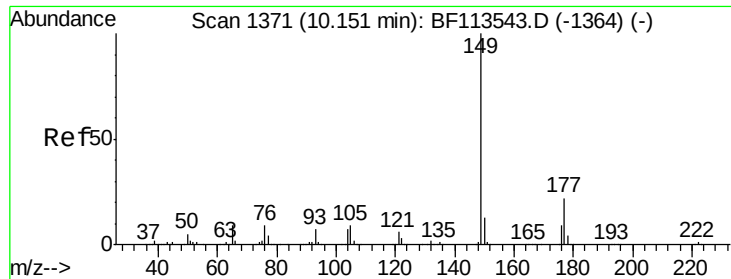
Tot Ion:165 Resp: 27742
 Ion Ratio Lower Upper
 165 100
 63 1.3 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#



#58
 Fluorene
 Concen: 0.061 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

Tgt Ion:166 Resp: 897
 Ion Ratio Lower Upper
 166 100
 165 80.7 76.2 114.2
 167 0.0 10.7 16.1#





#60

Diethylphthalate

Concen: 0.010 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.02 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

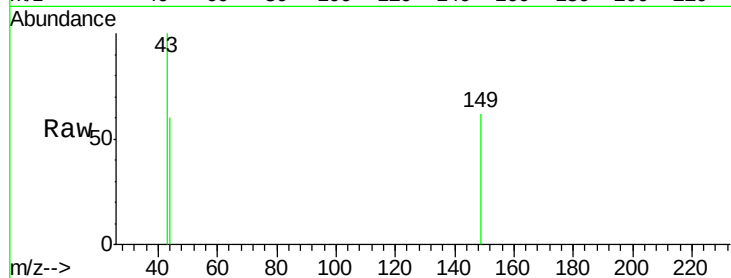
Tot Ion:149 Resp: 149

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

10.13

400

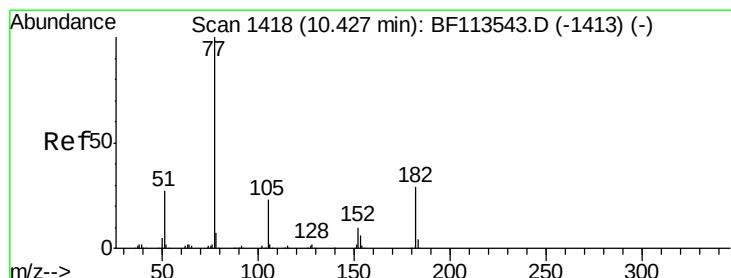
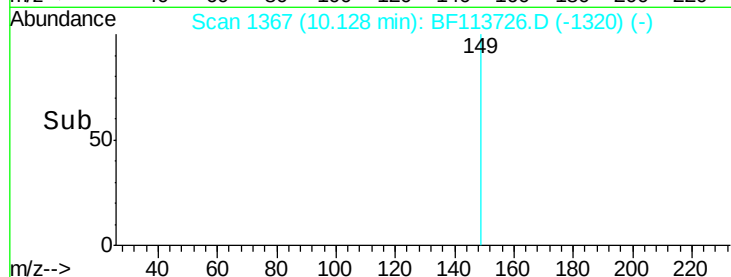
300

200

100

0

Time-->



#63

Azobenzene

Concen: 0.085 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.06 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Tgt Ion: 77 Resp: 1252

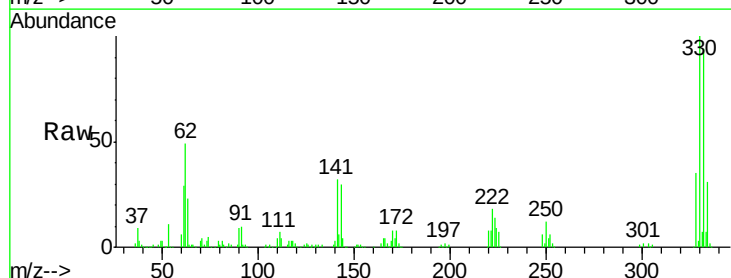
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 98.3 2.9 42.9#

51 100.4 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

10.49

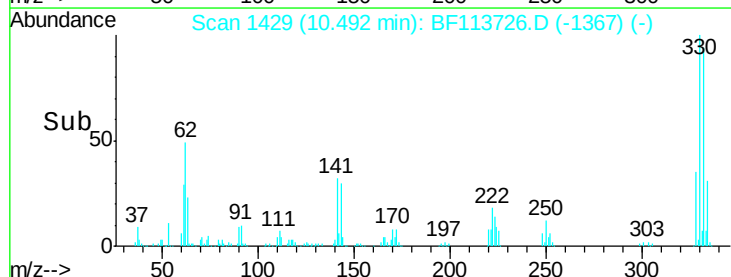
1500

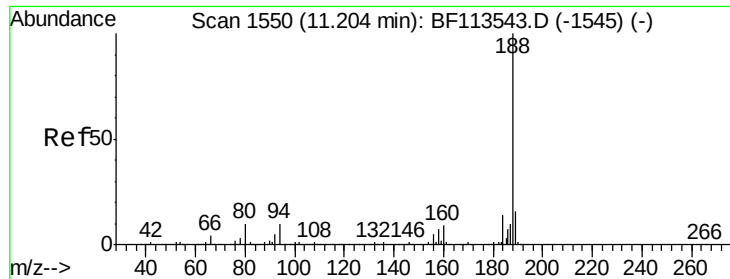
1000

500

0

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampled :

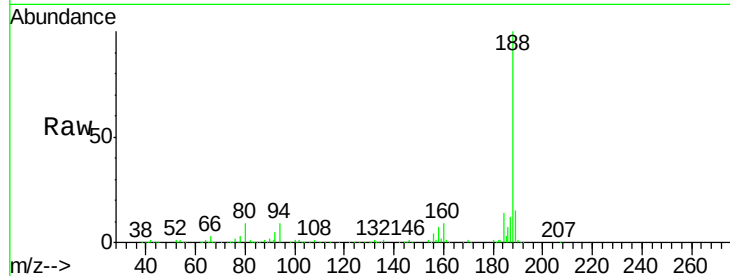
Tot Ion:188 Resp: 434922

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

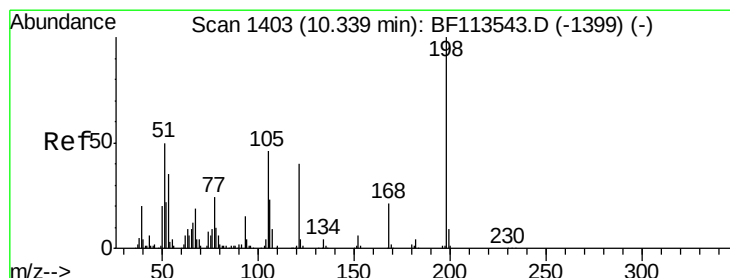
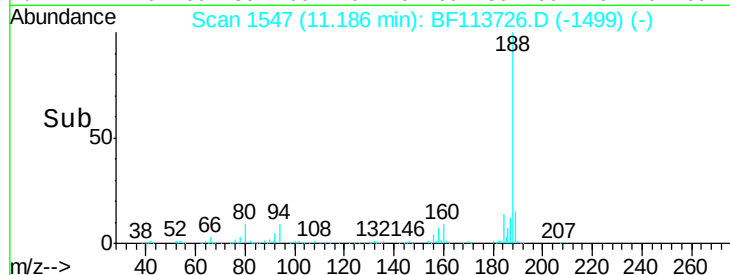
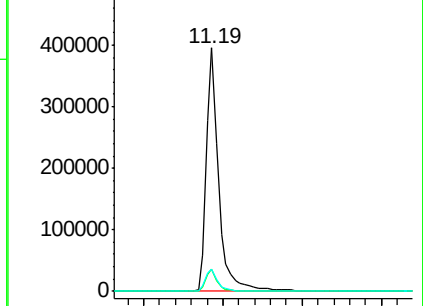
80 9.2 7.7 11.5



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: 0.218 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.15 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

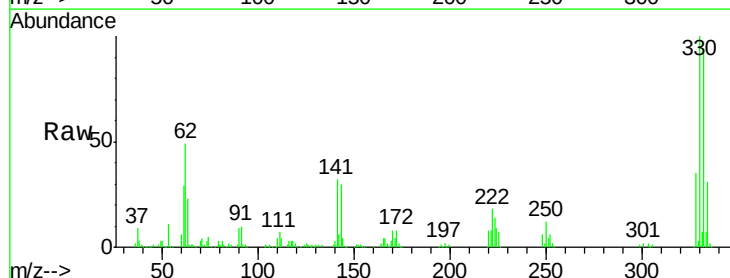
Tgt Ion:198 Resp: 500

Ion Ratio Lower Upper

198 100

51 200.4 21.6 61.6#

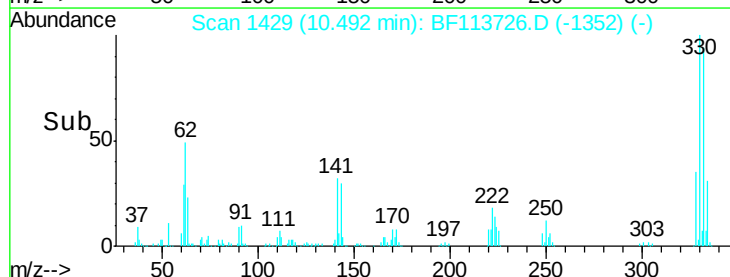
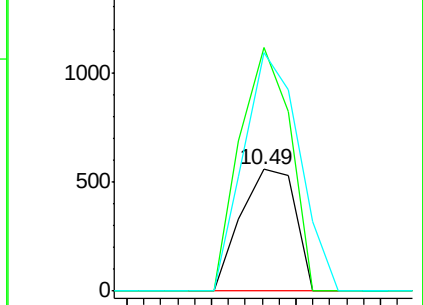
105 196.2 20.6 60.6#

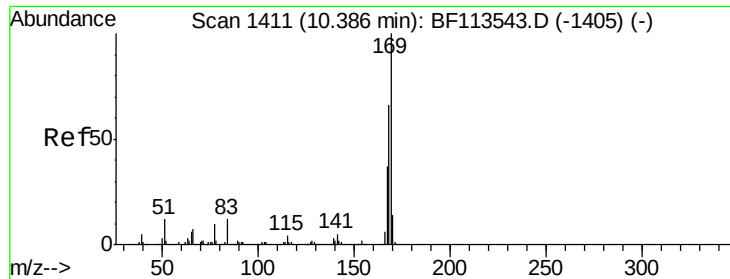


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

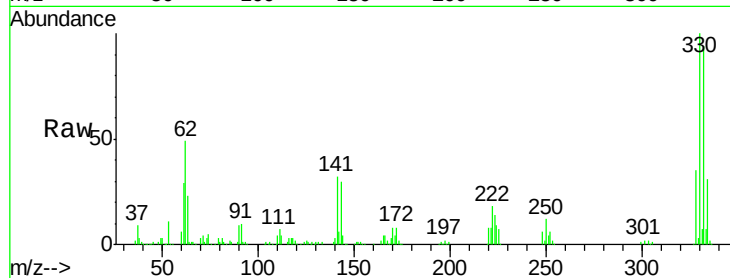




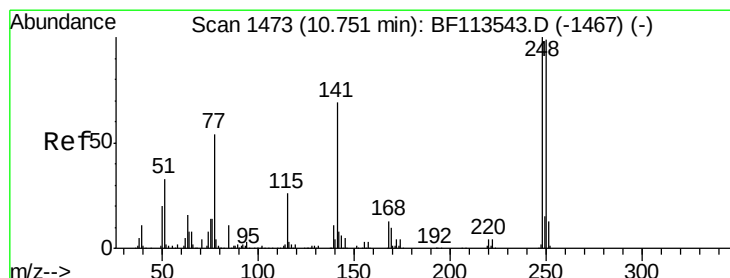
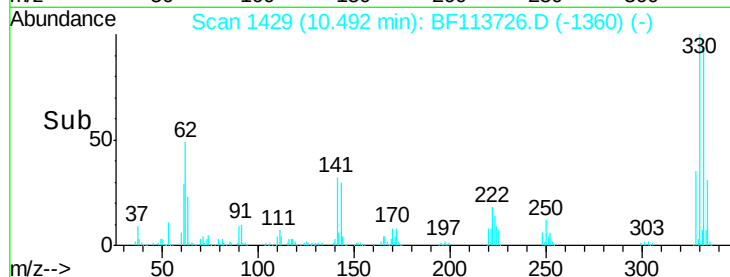
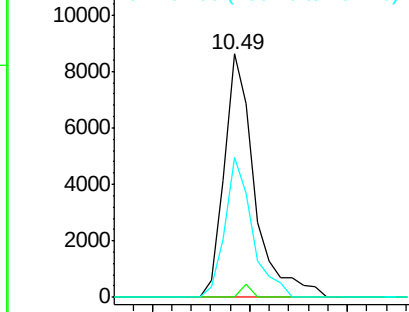
#66
 n-Nitrosodiphenylamine
 Concen: 0.697 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.11 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 9301
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.7 80.5#
 167 57.3 29.5 44.3#

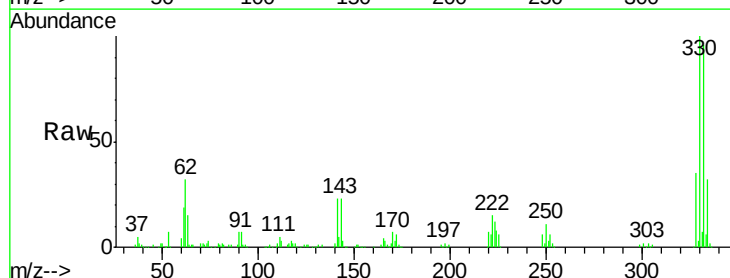


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

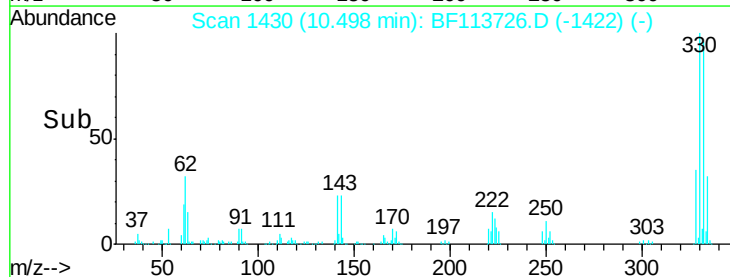
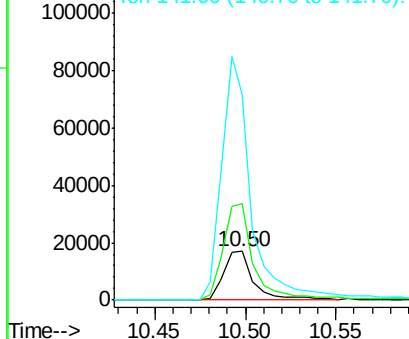


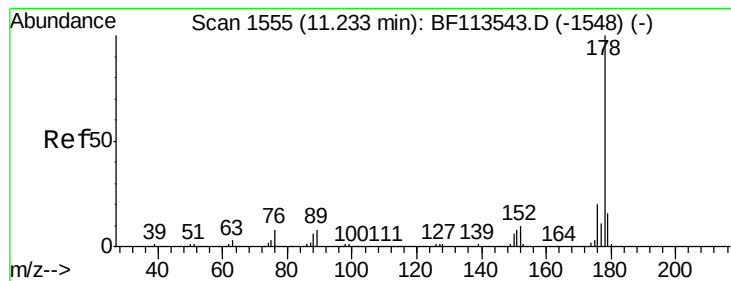
#67
 4-Bromophenyl-phenylether
 Concen: 4.025 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

Tgt Ion:248 Resp: 19635
 Ion Ratio Lower Upper
 248 100
 250 196.1 78.3 117.5#
 141 418.6 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: 0.116 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

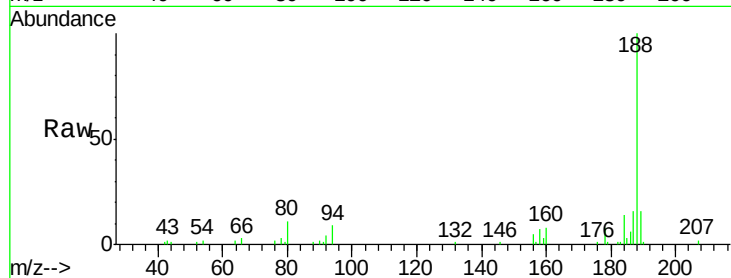
Tot Ion:178 Resp: 2498

Ion Ratio Lower Upper

178 100

176 15.8 16.2 24.2#

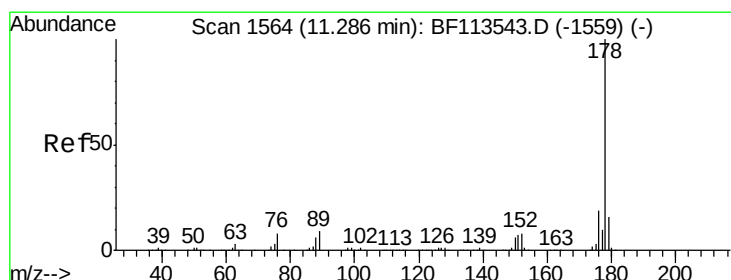
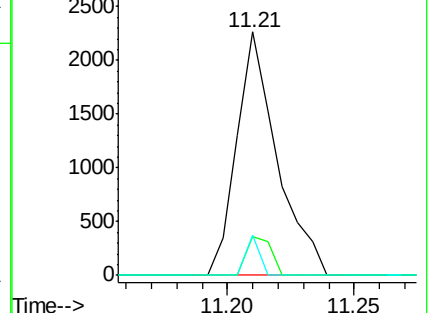
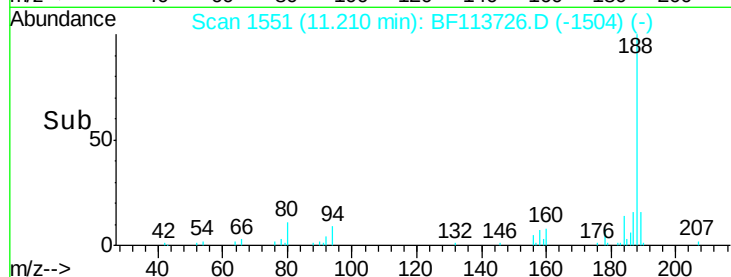
179 16.4 12.7 19.1



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: 0.114 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.08 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

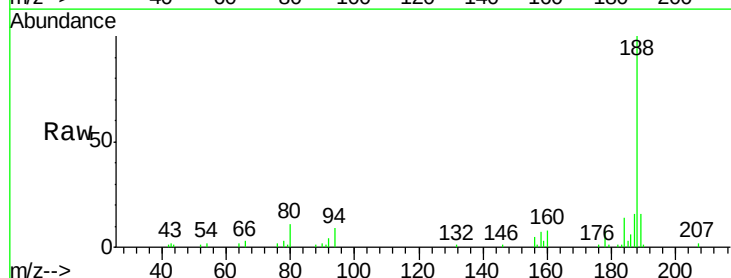
Tgt Ion:178 Resp: 2498

Ion Ratio Lower Upper

178 100

176 15.8 15.4 23.2

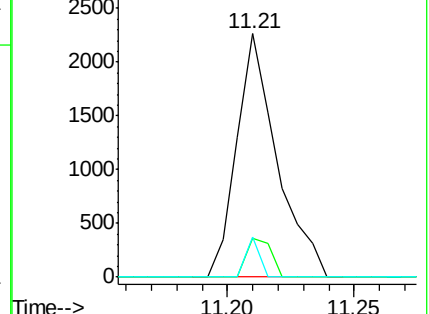
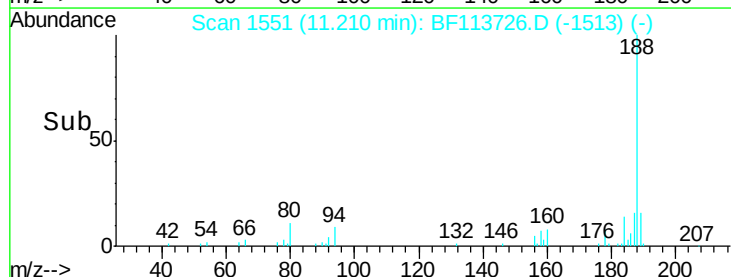
179 16.4 12.8 19.2

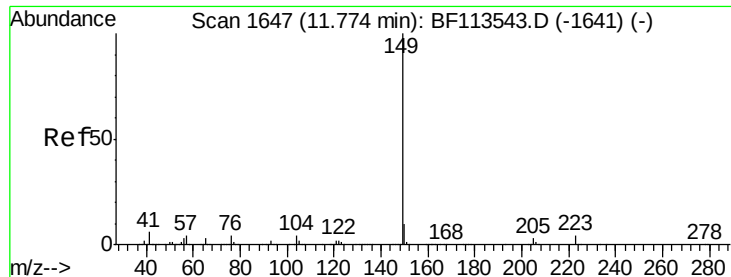


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 0.080 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.03 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

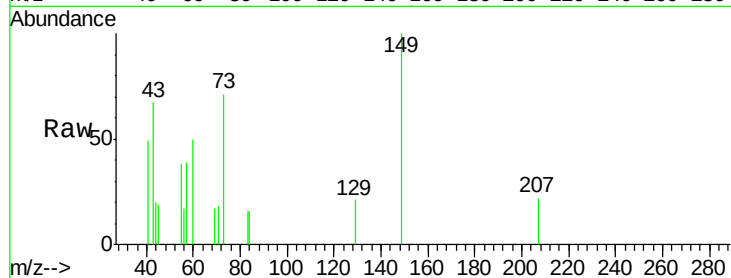
Tot Ion:149 Resp: 1964

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

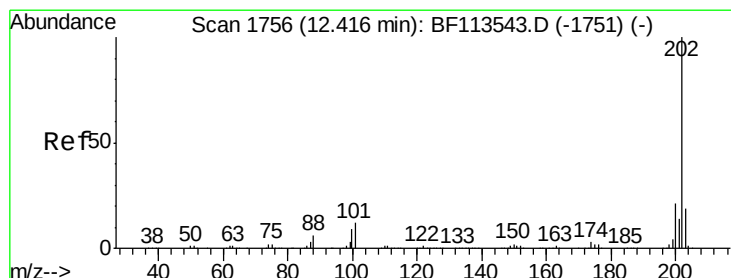
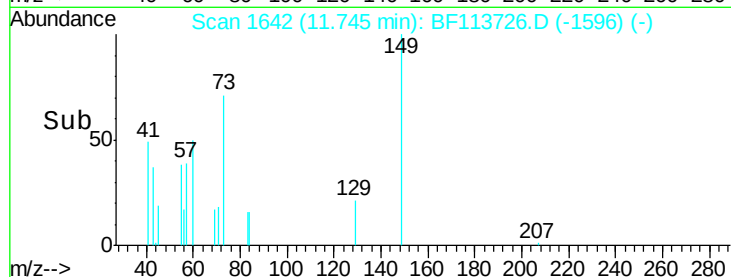
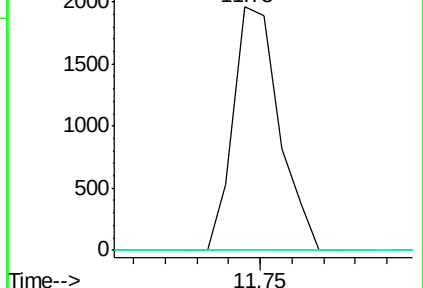
104 0.0 3.7 5.5#



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: 0.011 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

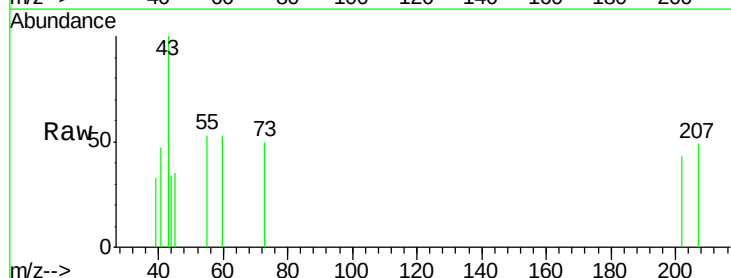
Tgt Ion:202 Resp: 255

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.4

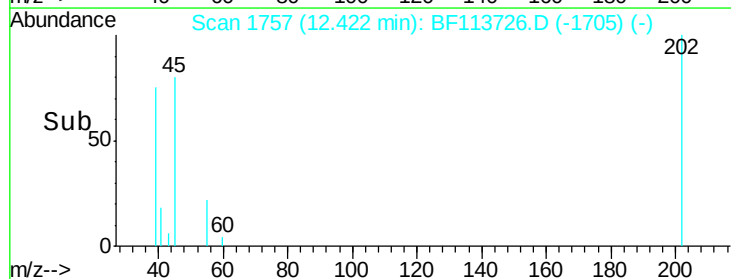
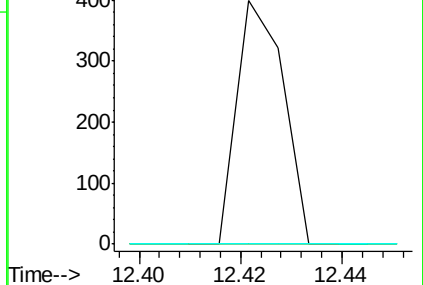
203 0.0 0.0 38.0

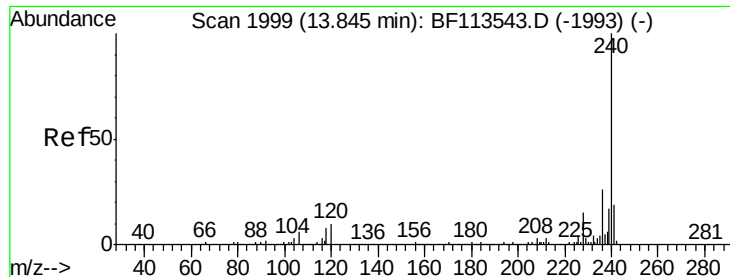


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

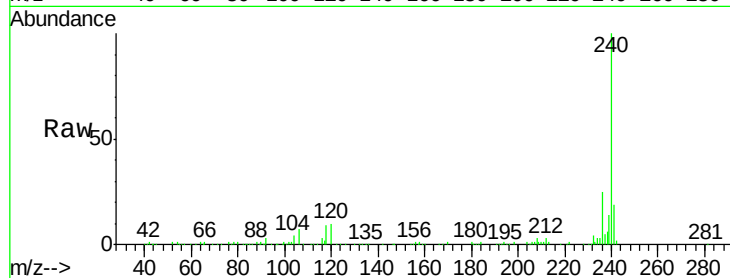
Tot Ion:240 Resp: 297951

Ion Ratio Lower Upper

240 100

120 9.8 8.8 13.2

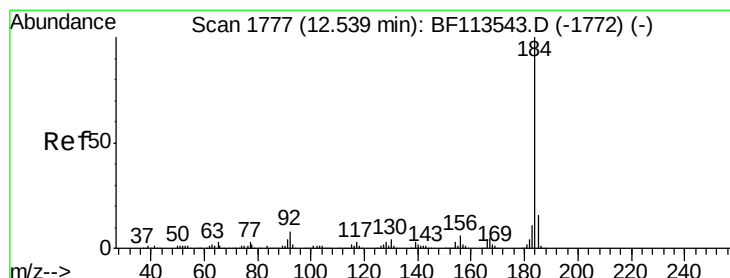
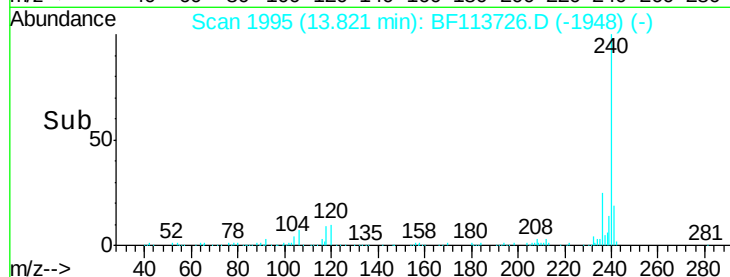
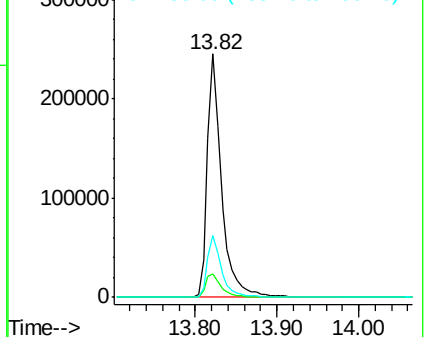
236 25.3 20.9 31.3



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: 1.458 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.23 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

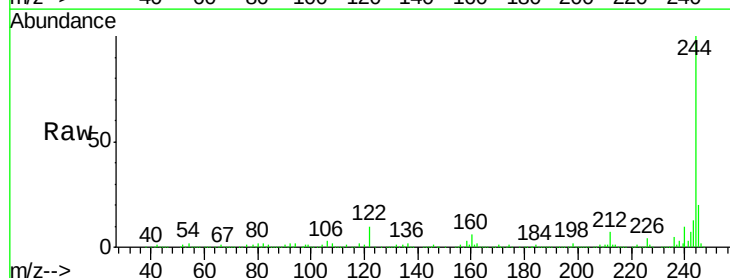
Tgt Ion:184 Resp: 16153

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

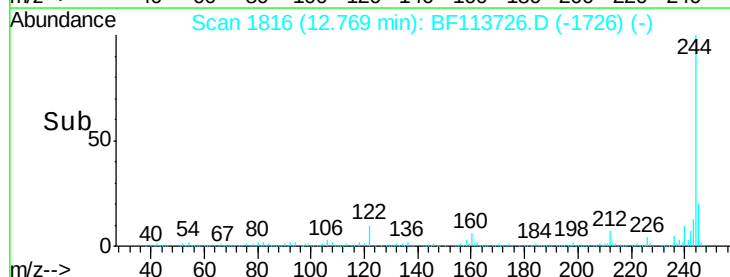
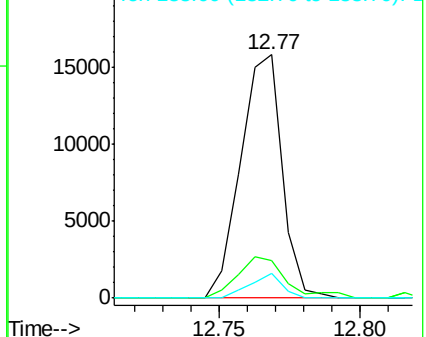
183 10.0 9.0 13.4

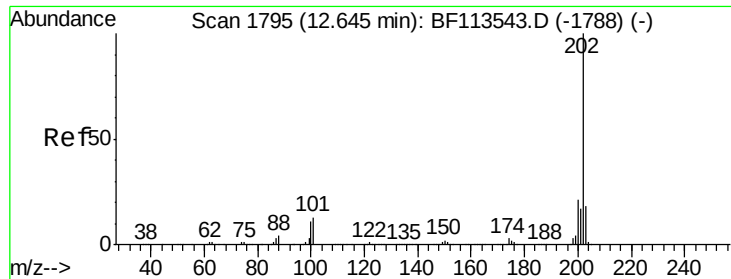


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

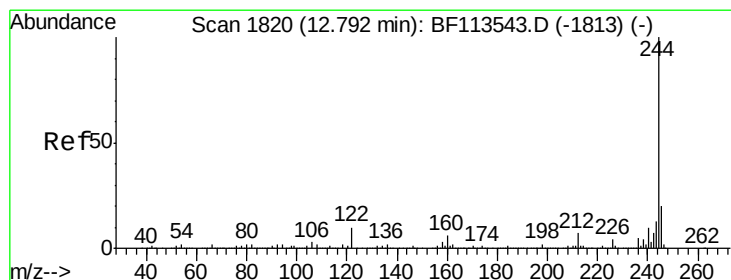
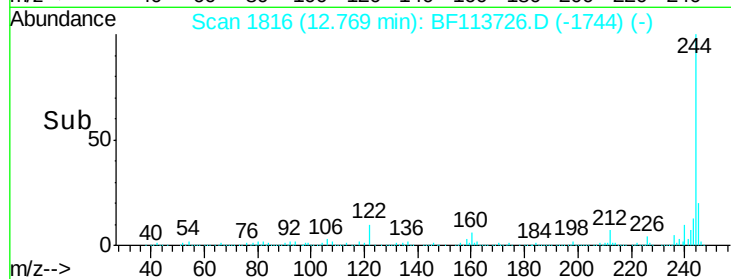
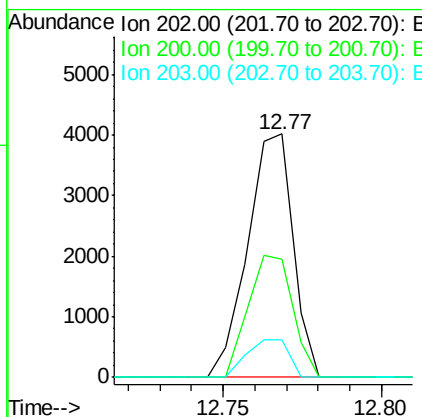
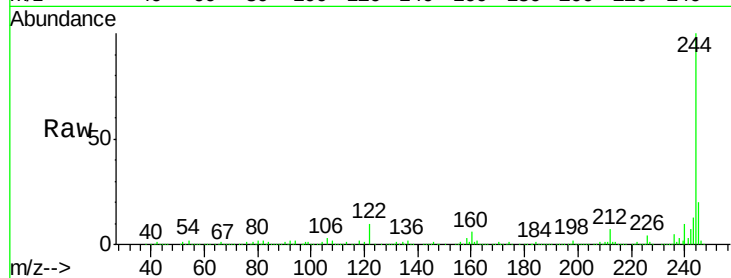




#78
 Pvrene
 Concen: 0.176 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.12 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

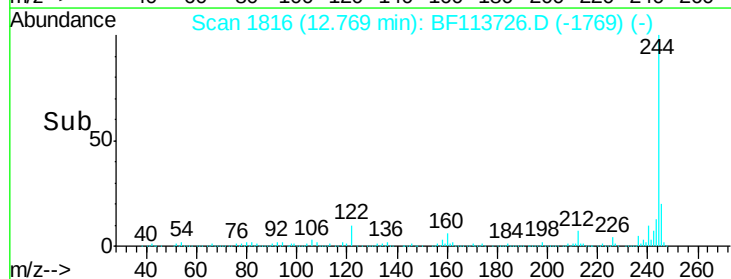
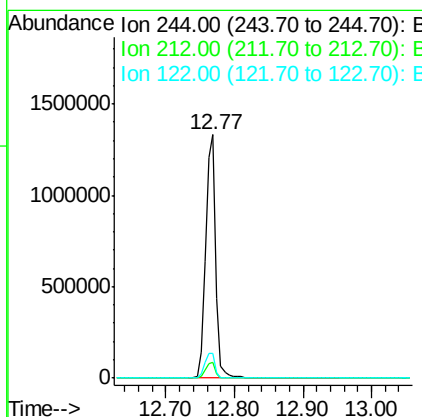
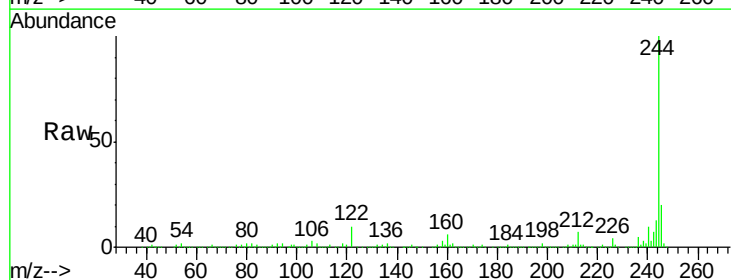
Instrument :
 BNA_F
 ClientSampled :

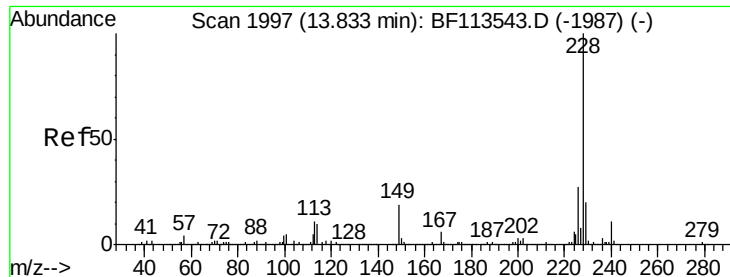
Tot Ion:202 Resp: 3998
 Ion Ratio Lower Upper
 202 100
 200 48.6 16.8 25.2#
 203 15.4 14.4 21.6



#79
 Terphenyl-d14
 Concen: 95.191 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113726.D
 Acq: 11 Apr 2019 18:02

Tgt Ion:244 Resp: 1393033
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.2 8.6 13.0





#81

Benzo(a)anthracene

Concen: 0.031 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113726.D

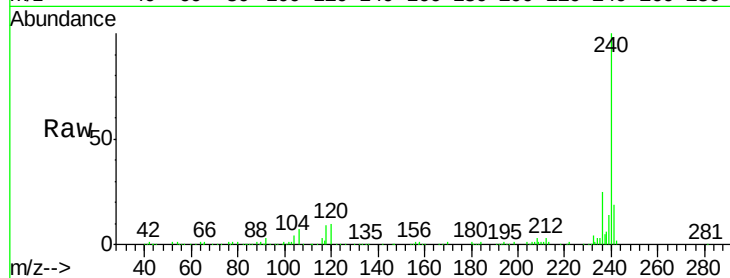
Acq: 11 Apr 2019 18:02

Instrument :

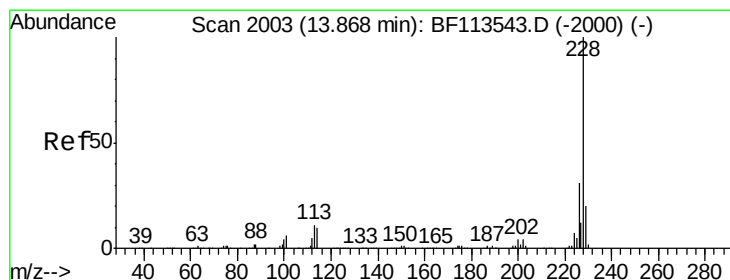
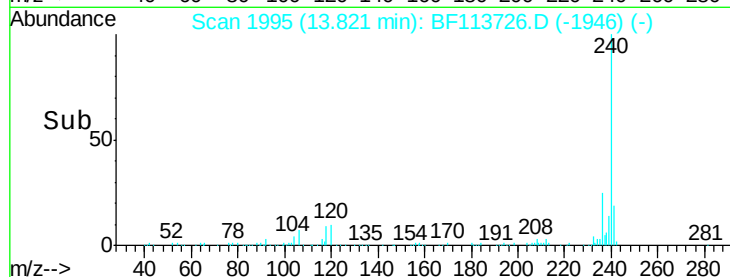
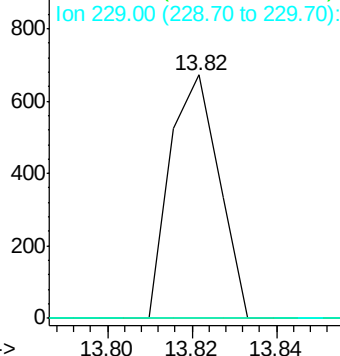
BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	540
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: 0.031 ng

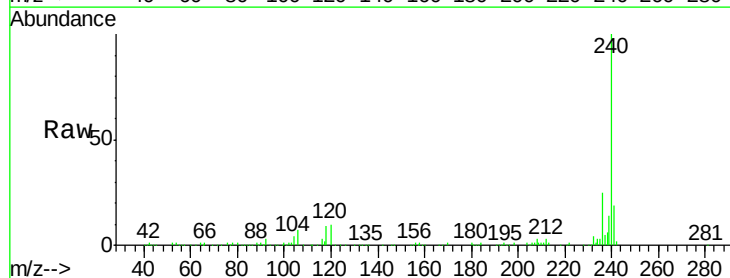
RT: 13.82 min Scan# 1995

Delta R.T. -0.05 min

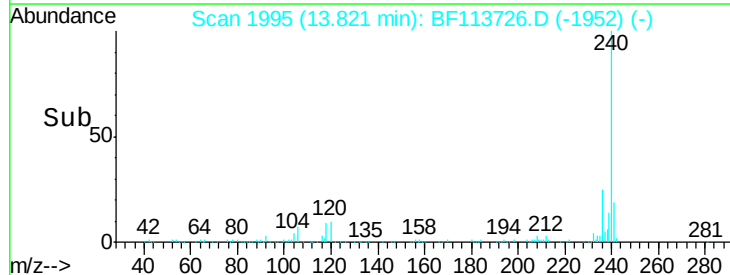
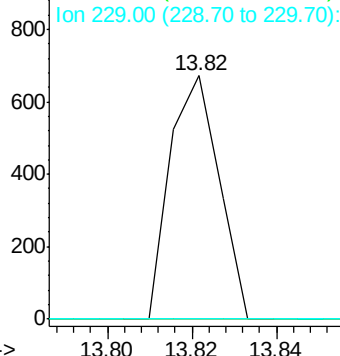
Lab File: BF113726.D

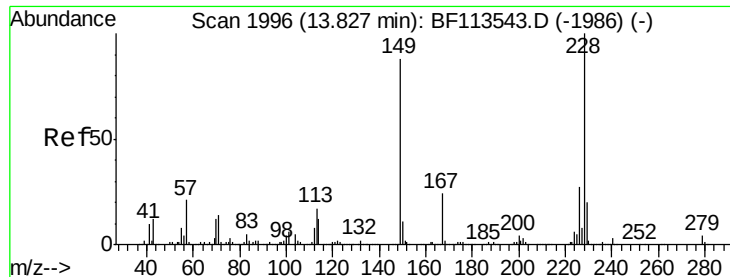
Acq: 11 Apr 2019 18:02

Tgt Ion:	228	Resp:	540
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: 0.027 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

Instrument :

BNA_F

ClientSampleId :

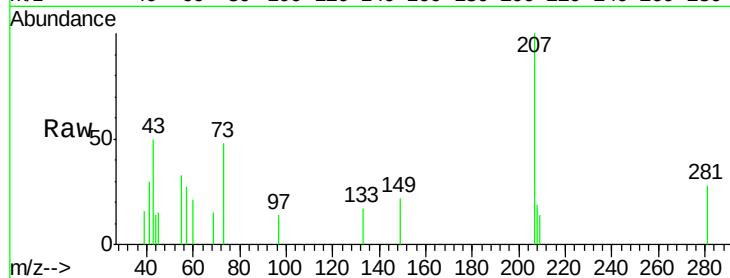
Tot Ion:149 Resp: 304

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

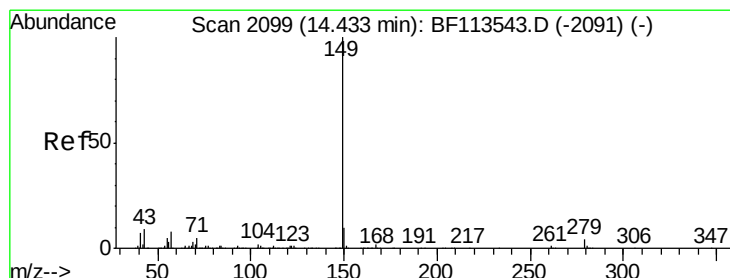
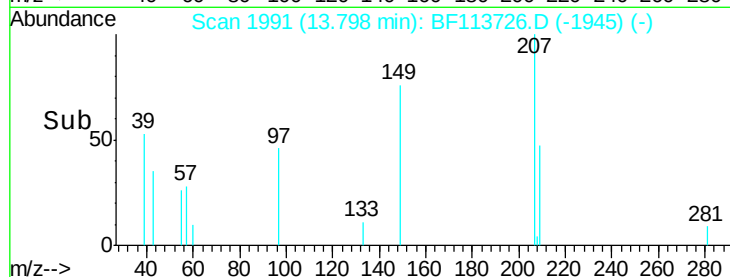
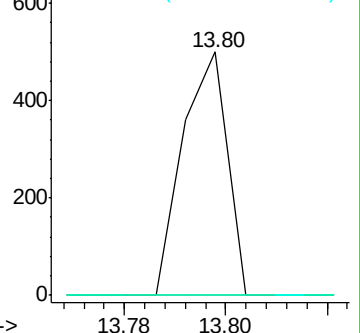
279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 14.40 min Scan# 2094

Delta R.T. -0.03 min

Lab File: BF113726.D

Acq: 11 Apr 2019 18:02

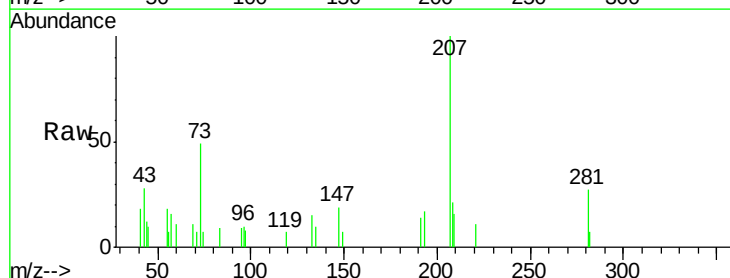
Tgt Ion:149 Resp: 113

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

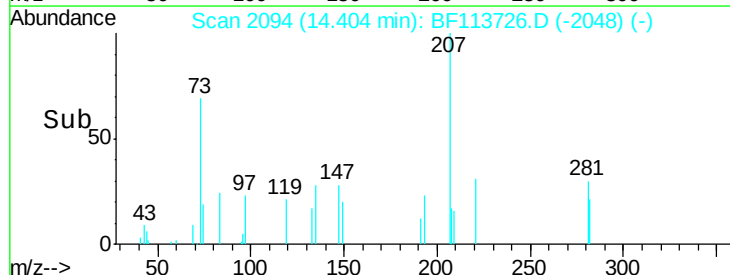
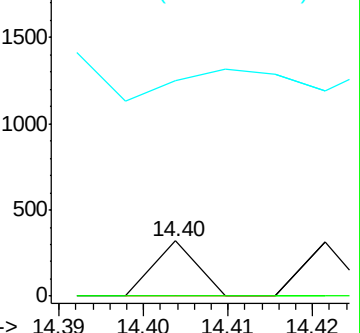
43 109.7 7.7 11.5#

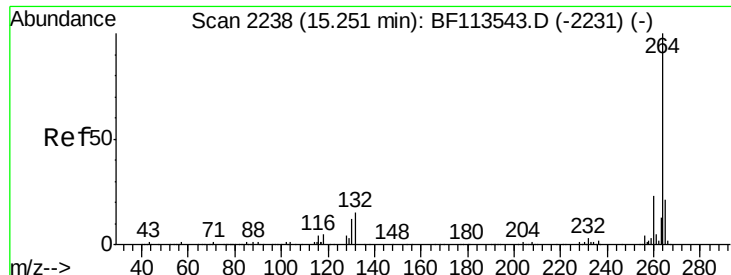


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

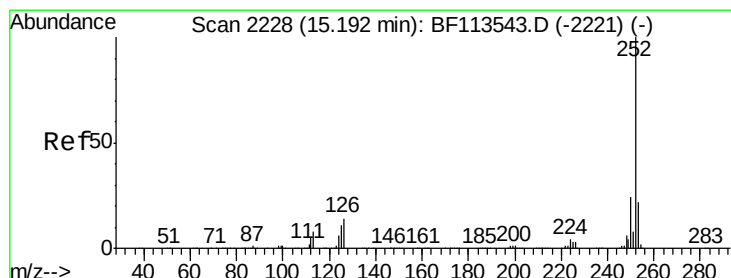
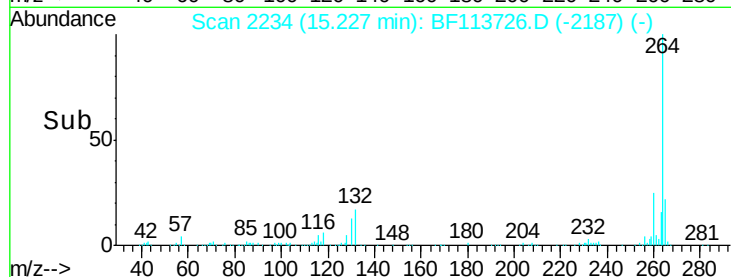
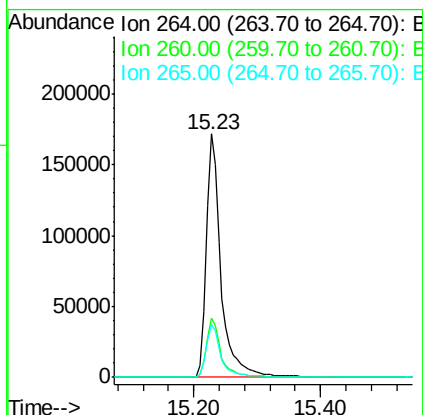
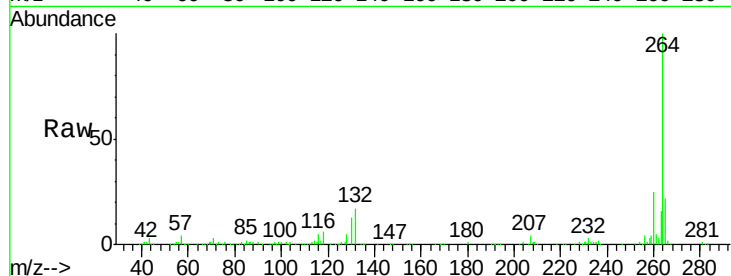




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 278894
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 21.6 17.1 25.7



#90
Benzo(a)pyrene
Concen: 0.053 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.04 min
Lab File: BF113726.D
Acq: 11 Apr 2019 18:02

Tgt Ion:252 Resp: 798
Ion Ratio Lower Upper
252 100
253 0.0 17.9 26.9#
125 67.2 8.8 13.2#

