

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
 Data File : BF113464.D
 Acq On : 1 Apr 2019 14:07
 Operator : JU/SJ
 Sample : K2115-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 01 18:03:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 01 14:33:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	143318	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	377064	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	254778	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	462077	20.00	ng	0.00
76) Chrysene-d12	13.85	240	399725	20.00	ng	0.00
87) Perylene-d12	15.25	264	419963	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	214372	24.46	ng	0.01
7) Phenol-d6	6.36	99	188803	17.03	ng	0.00
23) Nitrobenzene-d5	7.27	82	549253	86.46	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	196115	62.32	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1037712	58.30	ng	0.00
79) Terphenyl-d14	12.80	244	1114870	61.48	ng	0.00

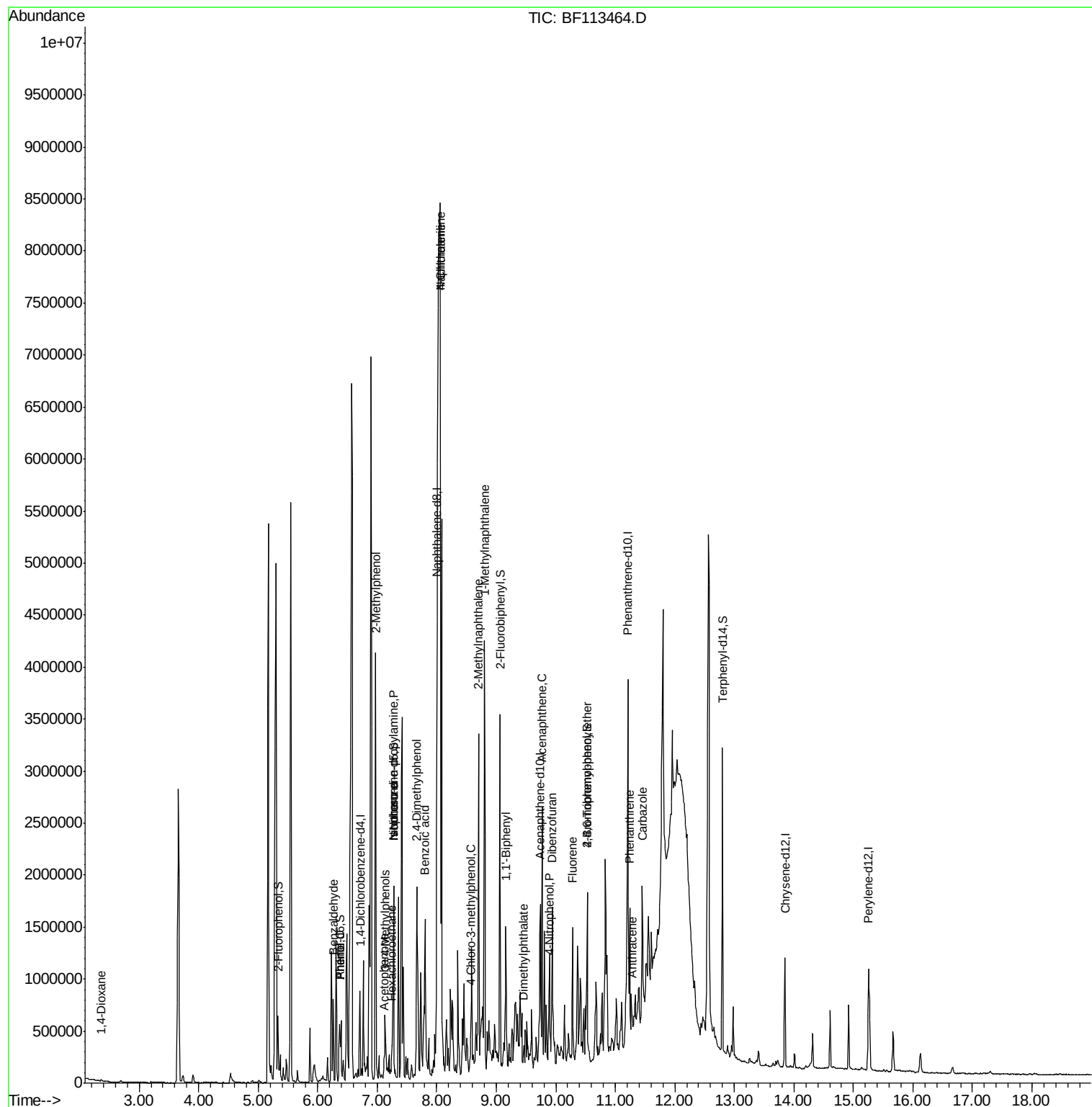
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	12915	2.904	ng	96
6) Aniline	6.37	93	105936	7.845	ng	# 72
9) Benzaldehyde	6.26	77	30494	4.098	ng	# 1
10) Phenol	6.37	94	79053	6.245	ng	79
17) 2-Methylphenol	6.98	107	84392	10.580	ng	93
18) Hexachloroethane	7.25	117	21523	5.657	ng	# 1
19) n-Nitroso-di-n-propylamine	7.27	70	70720	10.154	ng	# 75
20) 3+4-Methylphenols	7.13	107	201198	17.361	ng	# 84
22) Acetophenone	7.12	105	62784	7.301	ng	# 98
25) Isophorone	7.27	82	515156	41.844	ng	# 65
27) 2,4-Dimethylphenol	7.67	122	491167	97.443	ng	99
31) Naphthalene	8.05	128	11590443	629.019	ng	95
32) Benzoic acid	7.80	122	365397	90.057	ng	# 15
33) 4-Chloroaniline	8.05	127	1764430	245.563	ng	# 34
36) 4-Chloro-3-methylphenol	8.57	107	11474	2.088	ng	# 22
37) 2-Methylnaphthalene	8.70	142	812475	70.666	ng	98
38) 1-Methylnaphthalene	8.80	142	1094101	98.935	ng	99
46) 1,1'-Biphenyl	9.16	154	325961	15.318	ng	97
50) Dimethylnaphthalate	9.46	163	72347	3.832	ng	# 90
52) Acenaphthene	9.77	154	547143	36.676	ng	99
55) Dibenzofuran	9.95	168	630710	28.122	ng	98
56) 4-Nitrophenol	9.88	139	11943	3.487	ng	# 47
58) Fluorene	10.28	166	348533	20.005	ng	98
67) 4-Bromophenyl-phenylether	10.53	248	10754	2.135	ng	# 1
71) Phenanthrene	11.24	178	438892	19.126	ng	99
72) Anthracene	11.29	178	53918	2.313	ng	99
73) Carbazole	11.45	167	413383	18.587	ng	99

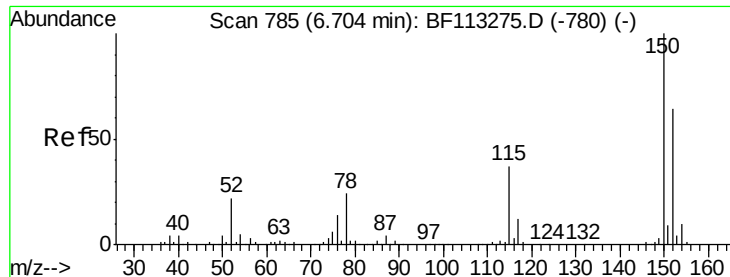
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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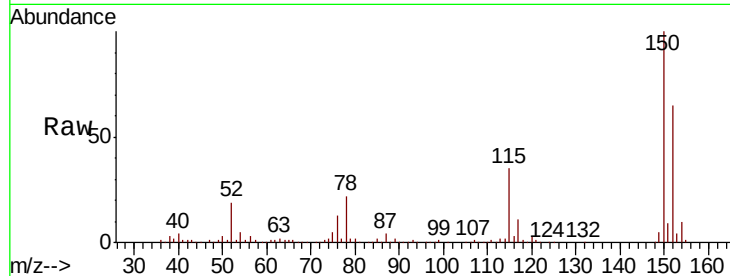


#1

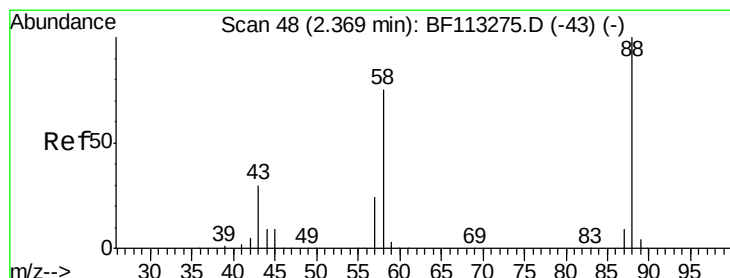
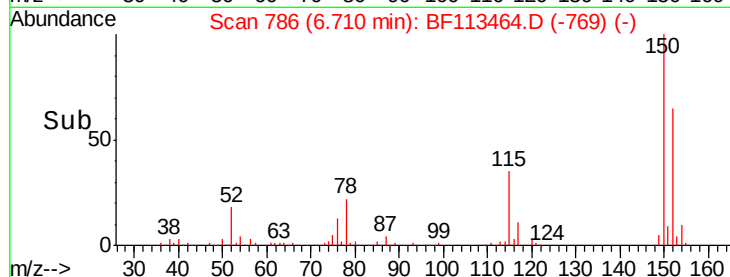
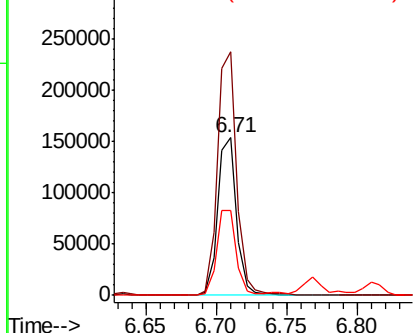
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143318
Ion Ratio Lower Upper
152 100
150 154.5 123.6 185.4
115 53.7 45.8 68.6



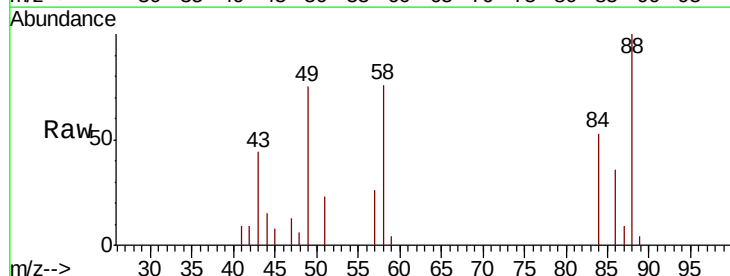
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



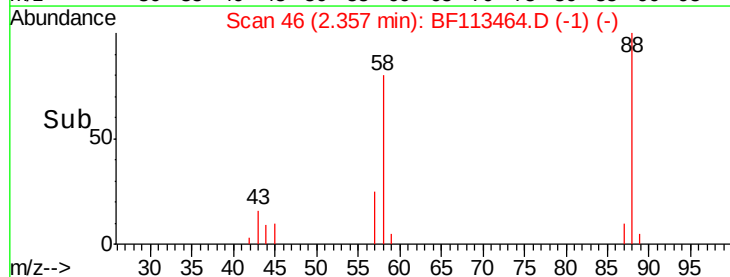
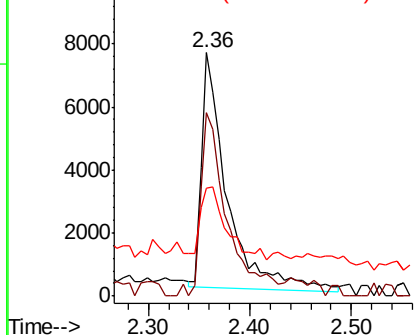
#2

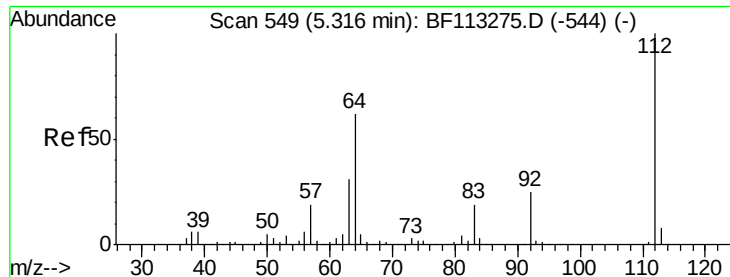
1,4-Dioxane
Concen: 2.904 ng
RT: 2.36 min Scan# 46
Delta R.T. 0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Tgt Ion: 88 Resp: 12915
Ion Ratio Lower Upper
88 100
58 81.7 62.7 94.1
43 31.5 23.2 34.8



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





#5

2-Fluorophenol

Concen: 24.458 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

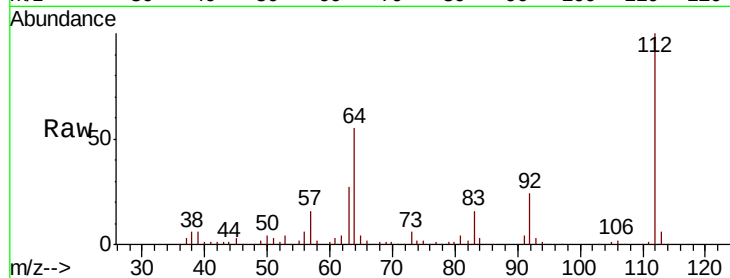
Tot Ion:112 Resp: 214372

Ion Ratio Lower Upper

112 100

64 55.2 47.7 71.5

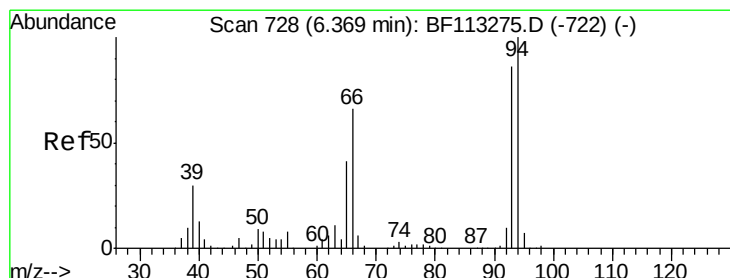
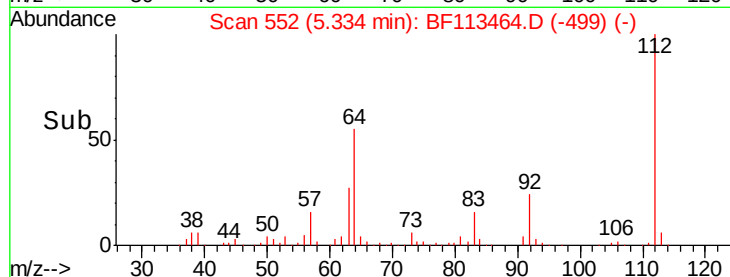
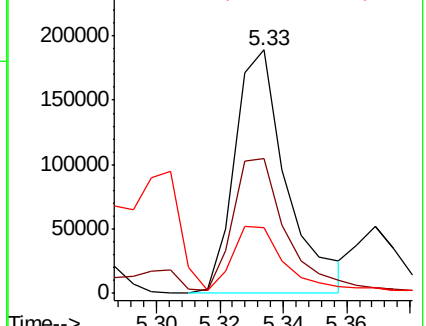
63 27.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.845 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

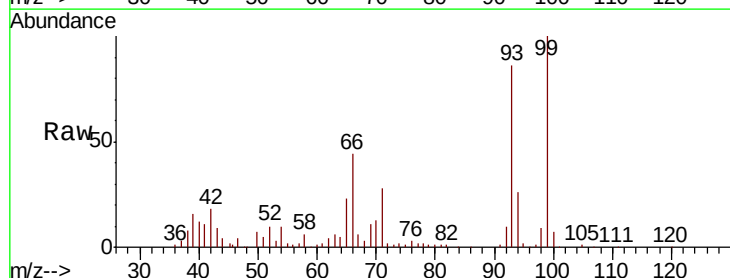
Tgt Ion: 93 Resp: 105936

Ion Ratio Lower Upper

93 100

66 51.2 59.8 89.6#

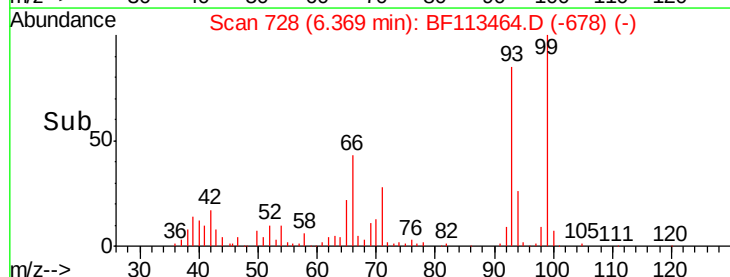
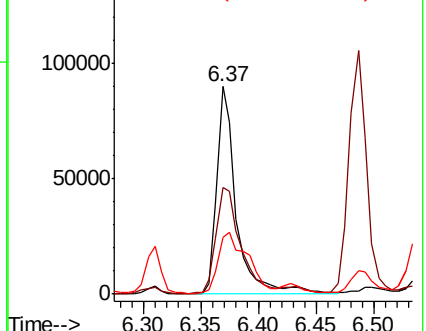
65 27.1 37.4 56.2#

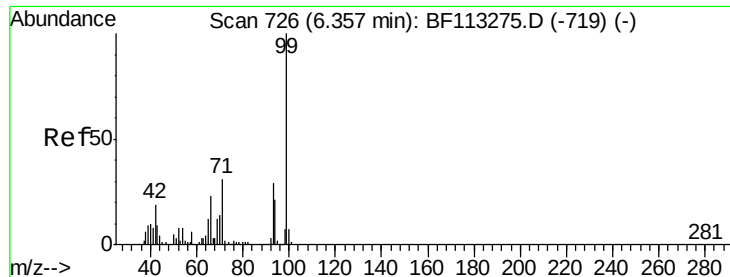


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 17.027 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

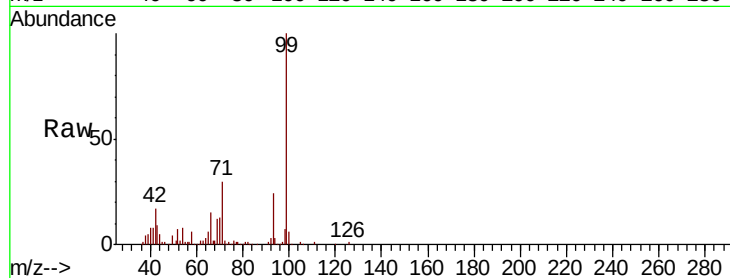
Tot Ion: 99 Resp: 188803

Ion Ratio Lower Upper

99 100

42 16.8 14.4 21.6

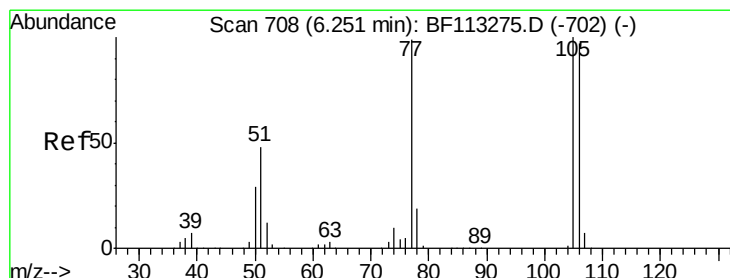
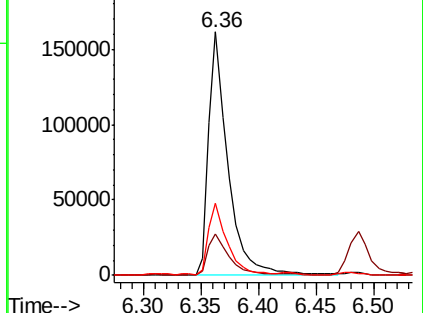
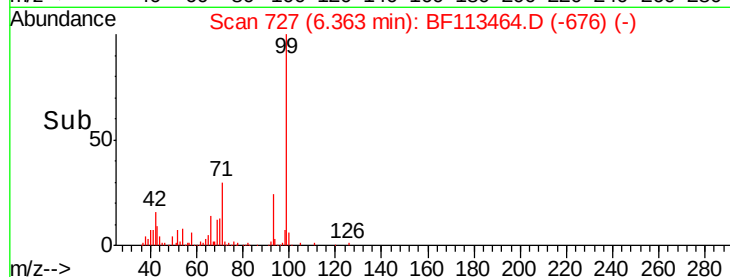
71 29.8 25.0 37.6



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: 4.098 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

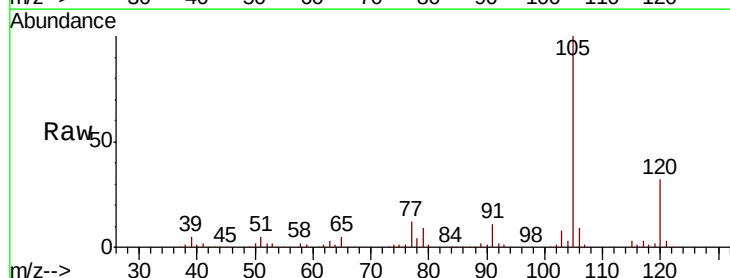
Tgt Ion: 77 Resp: 30494

Ion Ratio Lower Upper

77 100

105 850.1 81.1 121.1#

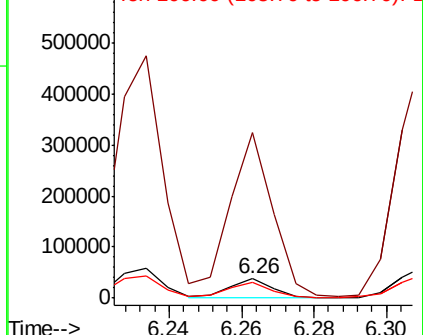
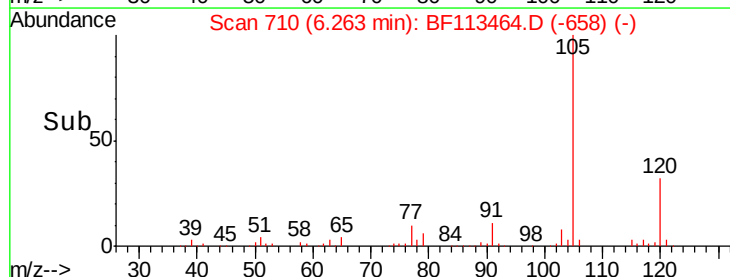
106 79.2 76.9 116.9

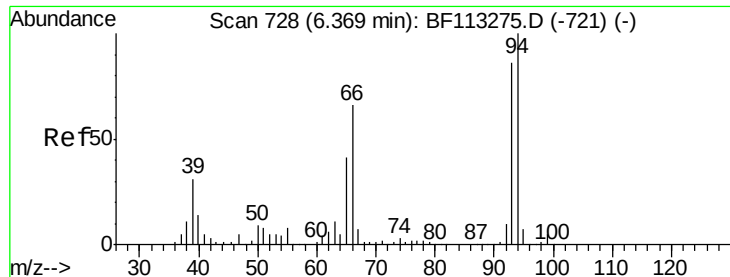


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.245 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

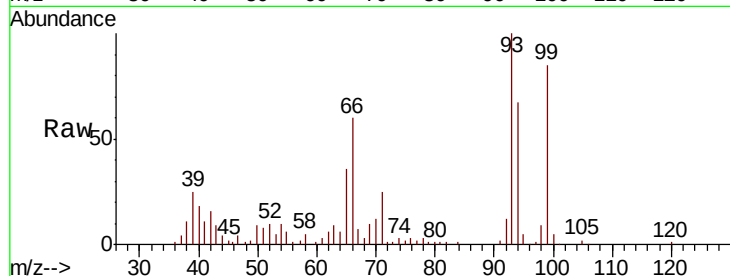
Tot Ion: 94 Resp: 79053

Ion Ratio Lower Upper

94 100

65 53.3 23.7 63.7

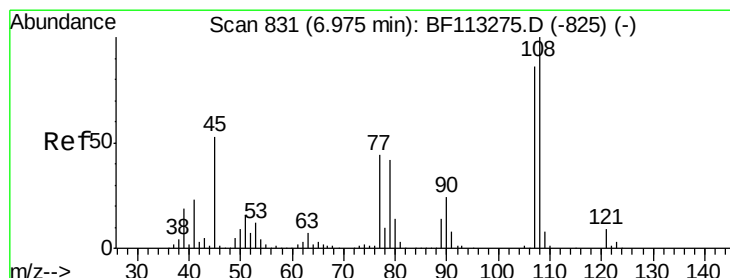
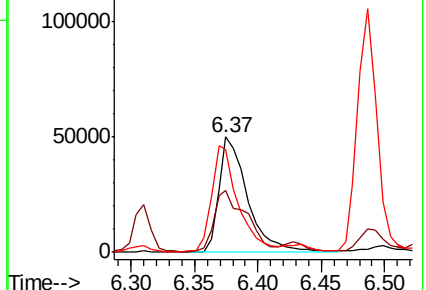
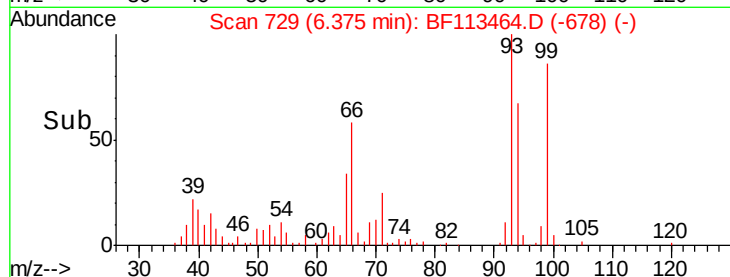
66 89.7 49.7 89.7



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



#17

2-Methylphenol

Concen: 10.580 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Tgt Ion:107 Resp: 84392

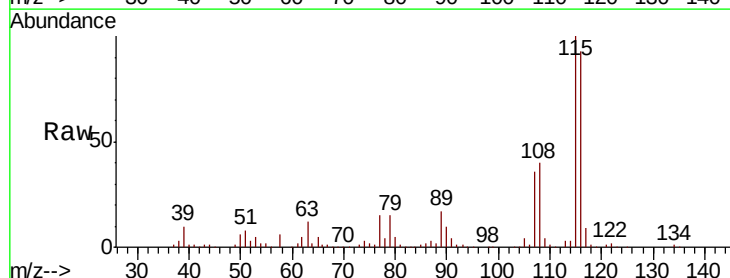
Ion Ratio Lower Upper

107 100

108 112.5 91.8 137.6

77 41.7 41.4 62.2

79 41.5 39.0 58.6

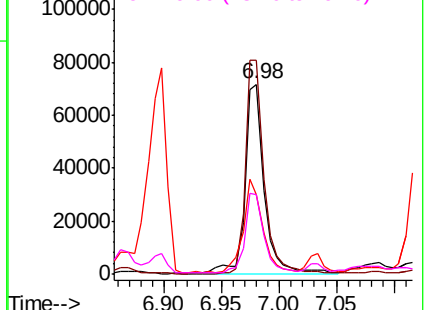
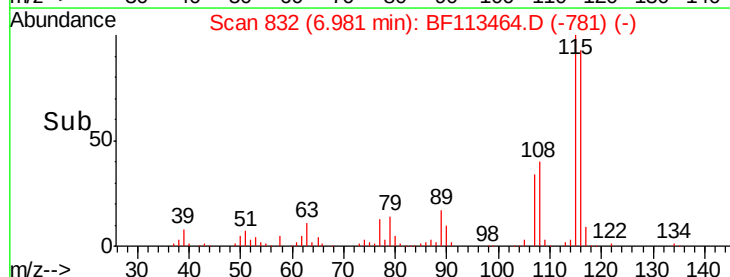


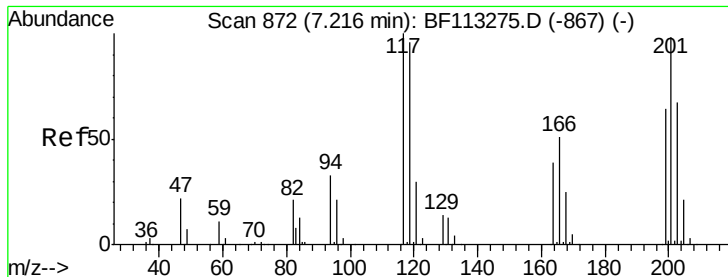
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

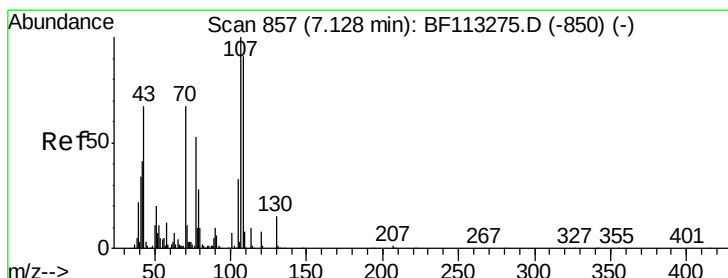
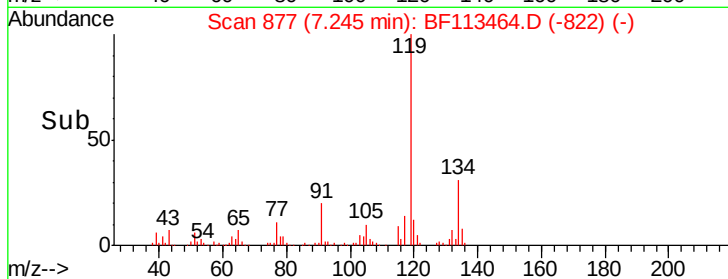
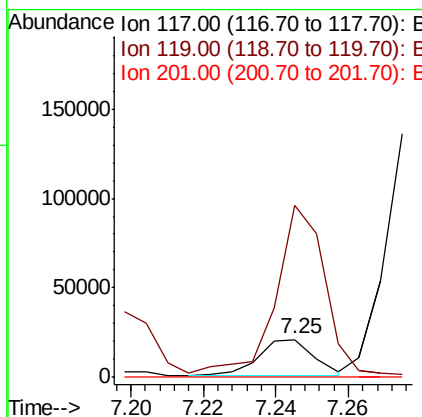
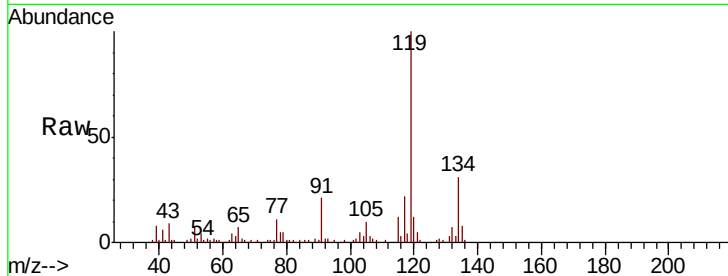




#18
Hexachloroethane
Concen: 5.657 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

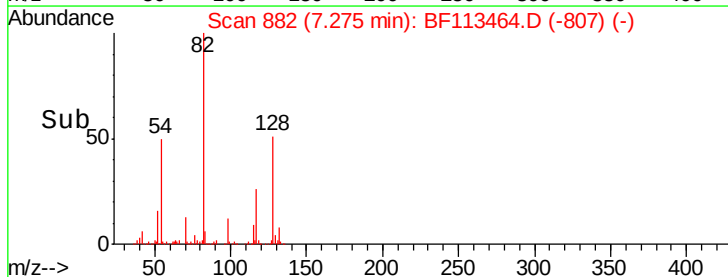
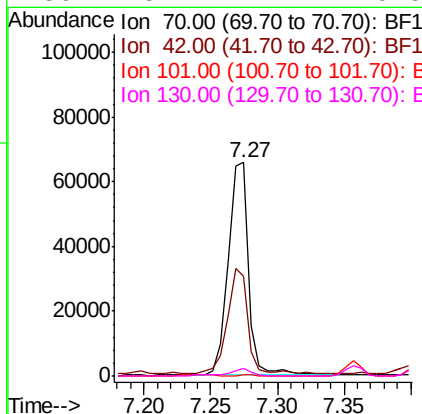
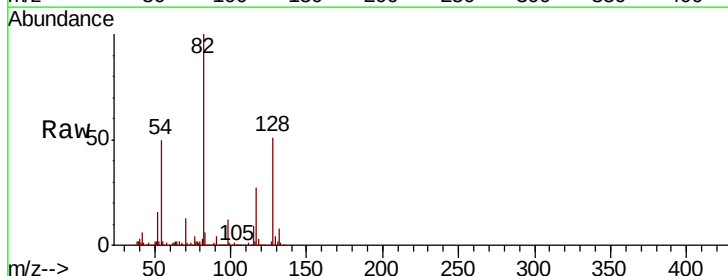
Instrument :
BNA_F
ClientSampleId :

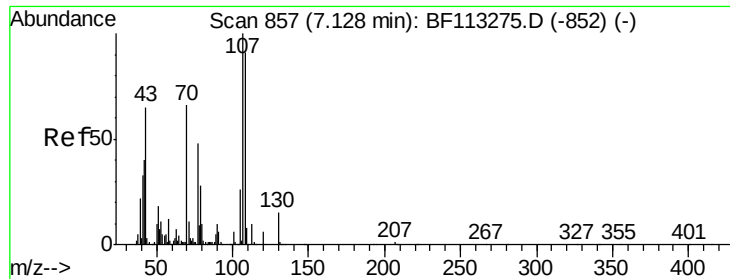
Tot Ion:117 Resp: 21523
Ion Ratio Lower Upper
117 100
119 452.4 77.8 116.6#
201 0.0 79.4 119.0#



#19
n-Nitroso-di-n-propylamine
Concen: 10.154 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Tgt Ion: 70 Resp: 70720
Ion Ratio Lower Upper
70 100
42 46.5 49.4 74.0#
101 0.9 7.6 11.4#
130 3.7 17.7 26.5#

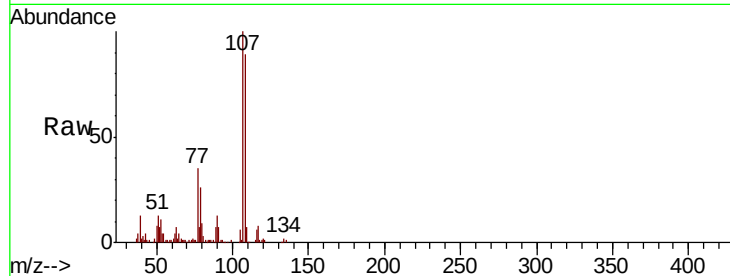




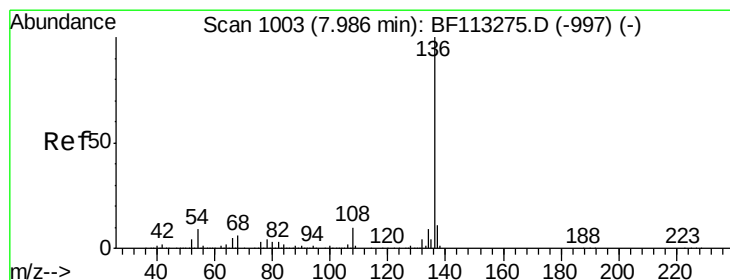
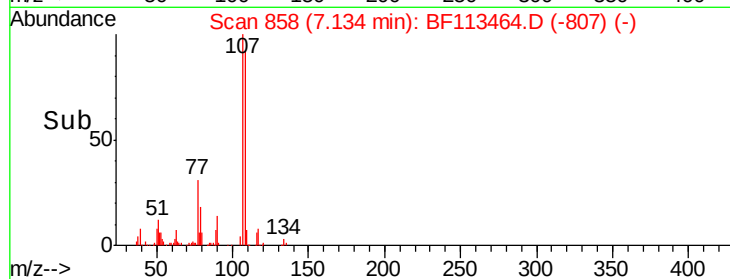
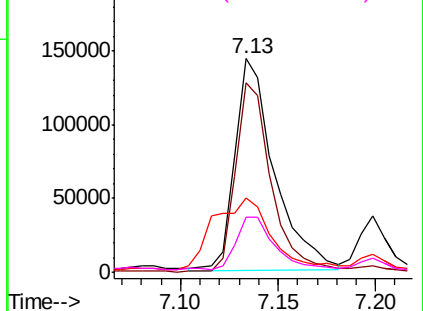
#20
3+4-Methylphenols
Concen: 17.361 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	201198
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.7	108.7
77	34.9	49.3	89.3#
79	25.6	6.5	46.5

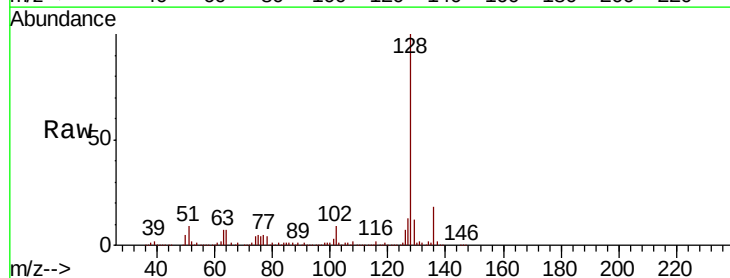


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

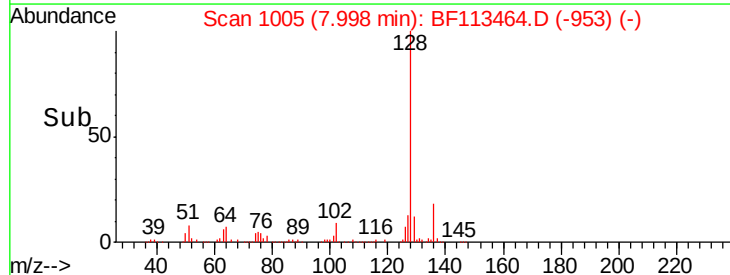
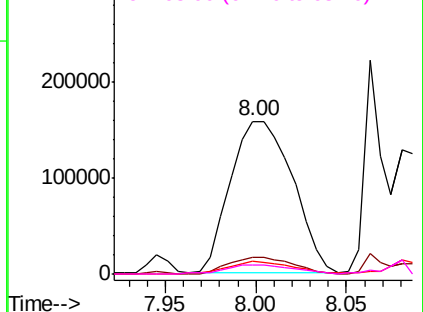


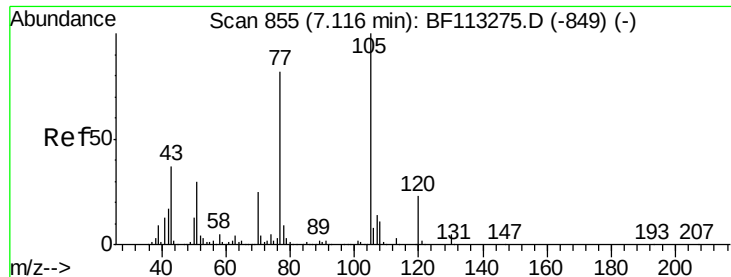
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Tgt Ion:	136	Resp:	377064
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.0	6.9	10.3
68	6.1	5.1	7.7



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

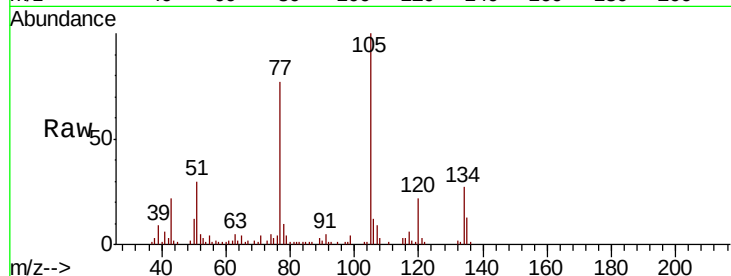




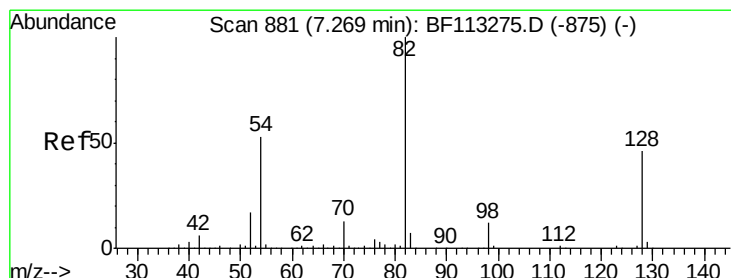
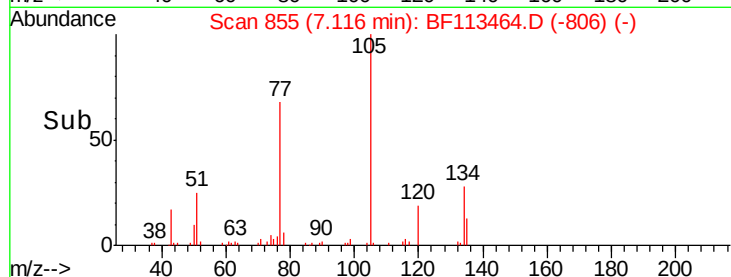
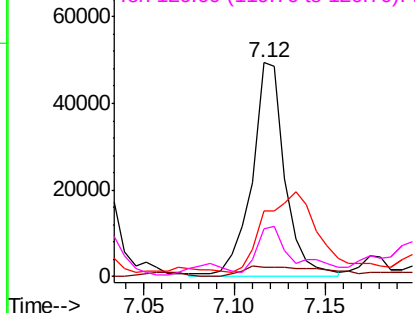
#22
Acetophenone
Concen: 7.301 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 62784
Ion Ratio Lower Upper
105 100
71 4.5 4.6 6.8#
51 30.4 23.0 34.6
120 22.3 18.3 27.5

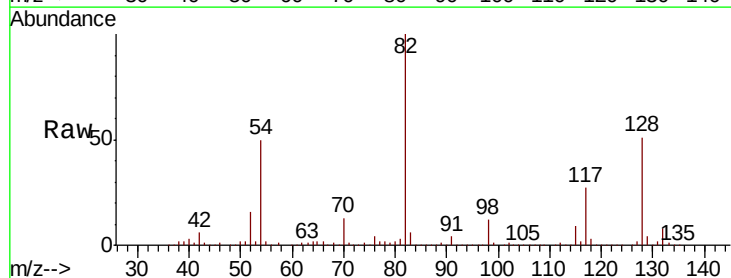


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

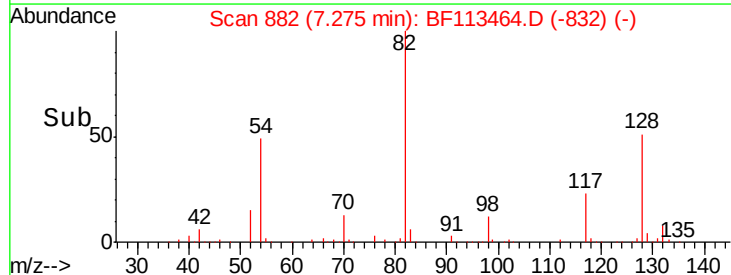
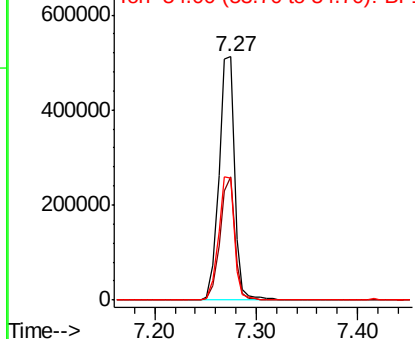


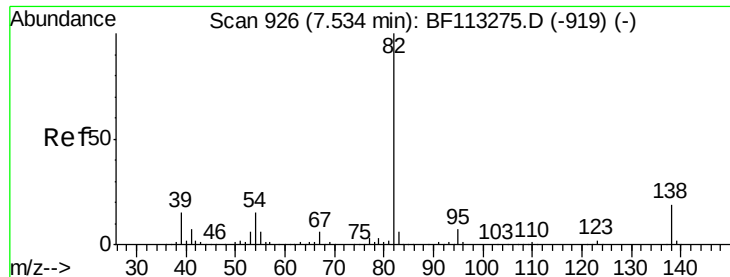
#23
Nitrobenzene-d5
Concen: 86.458 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Tgt Ion: 82 Resp: 549253
Ion Ratio Lower Upper
82 100
128 50.8 37.9 56.9
54 50.0 41.9 62.9



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

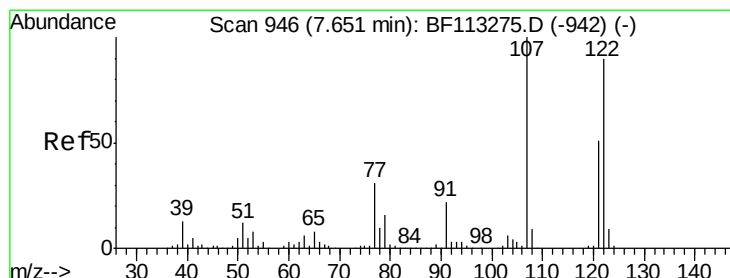
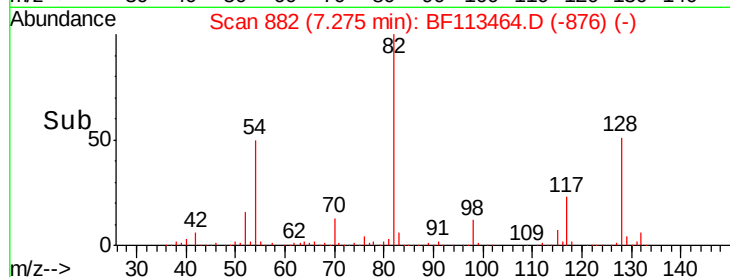
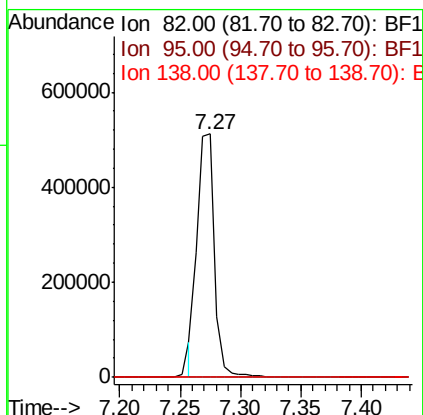
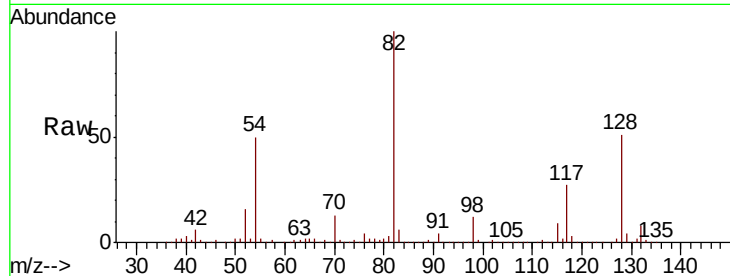




#25
Isophorone
Concen: 41.844 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

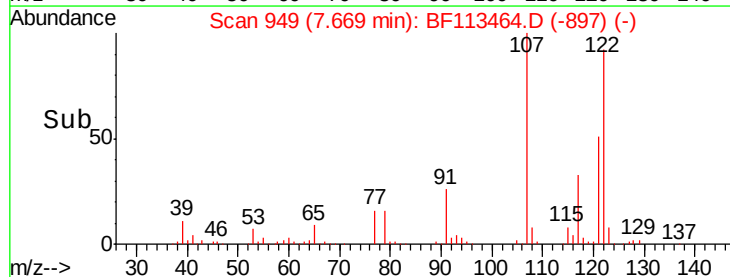
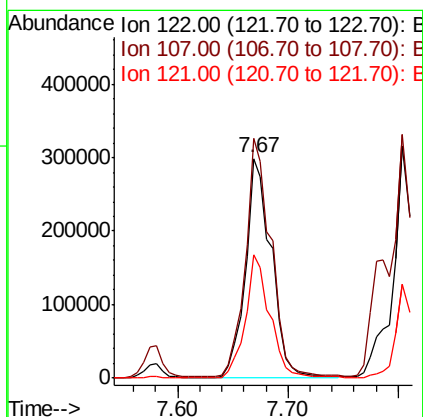
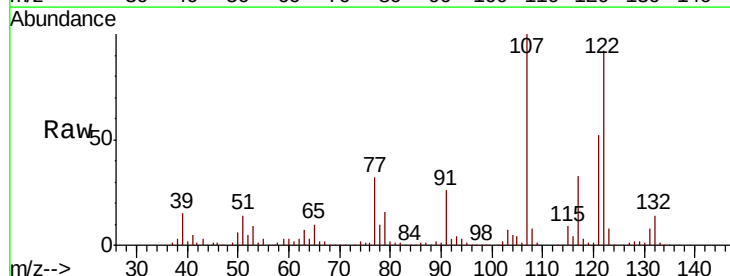
Instrument :
BNA_F
ClientSampleId :

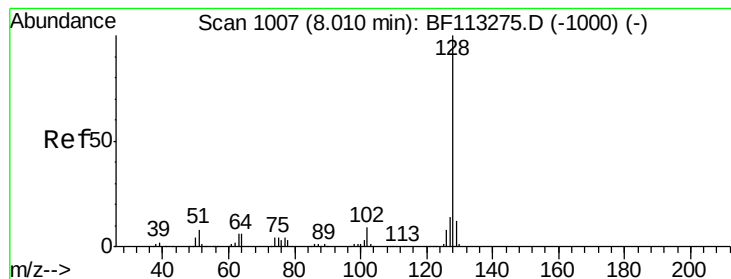
Tot Ion: 82 Resp: 515156
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 14.7 22.1#



#27
2,4-Dimethylphenol
Concen: 97.443 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Tgt Ion:122 Resp: 491167
Ion Ratio Lower Upper
122 100
107 108.9 86.3 129.5
121 56.1 45.6 68.4





#31

Naphthalene

Concen: 629.019 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.04 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

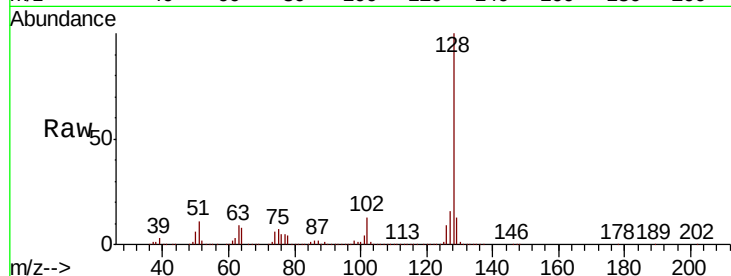
Tot Ion:128 Resp:11590443

Ion Ratio Lower Upper

128 100

129 13.3 9.4 14.0

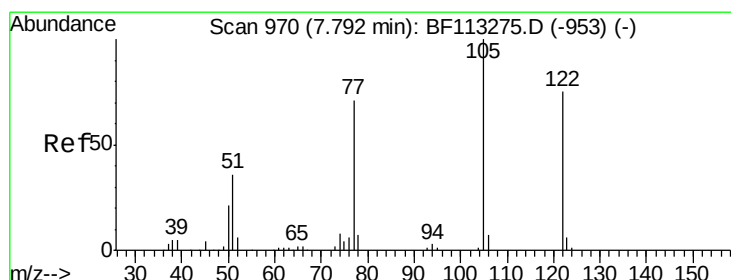
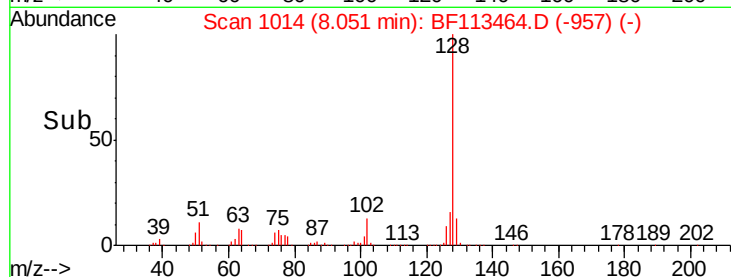
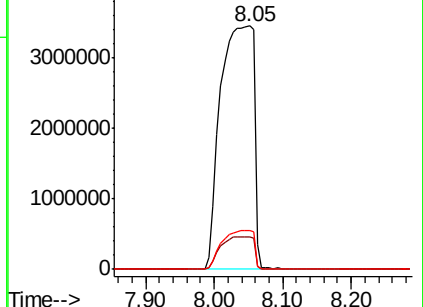
127 16.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 90.057 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

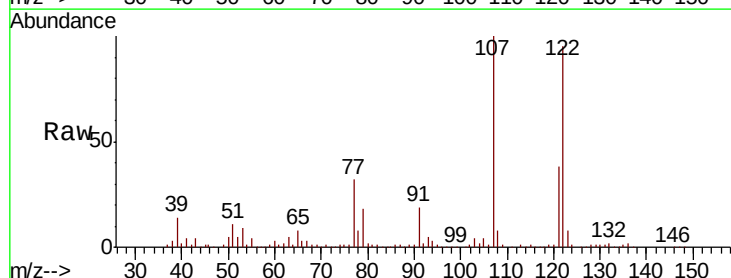
Tgt Ion:122 Resp: 365397

Ion Ratio Lower Upper

122 100

105 3.7 98.4 138.4#

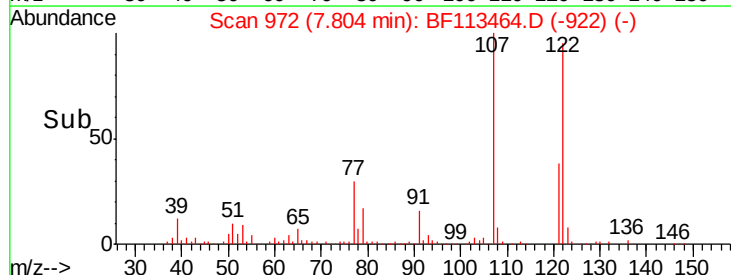
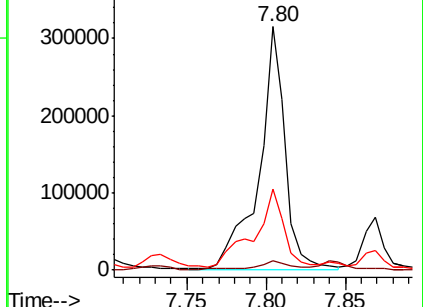
77 33.5 68.0 108.0#

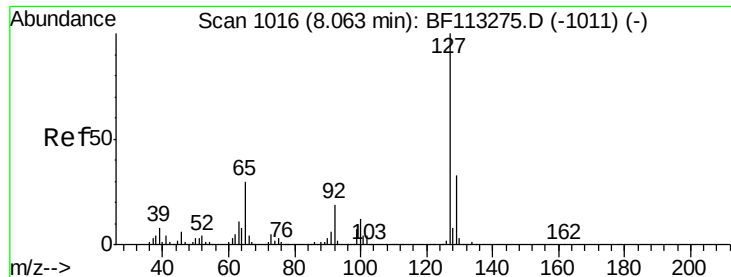


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

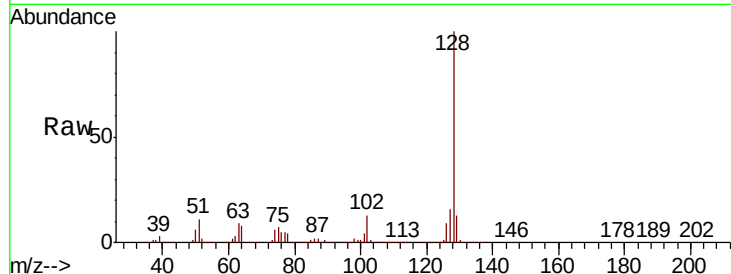




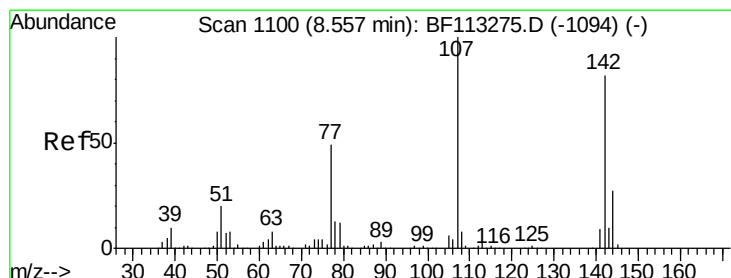
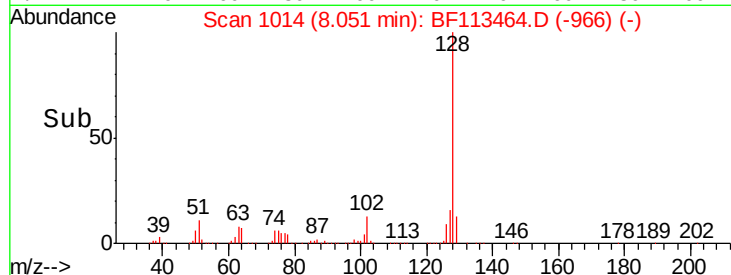
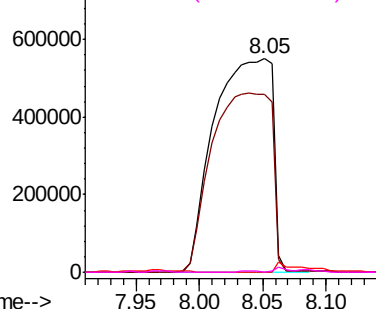
#33
4-Chloroaniline
Concen: 245.563 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1764430
Ion Ratio Lower Upper
127 100
129 83.4 26.2 39.2#
65 0.0 23.7 35.5#
92 0.2 14.7 22.1#

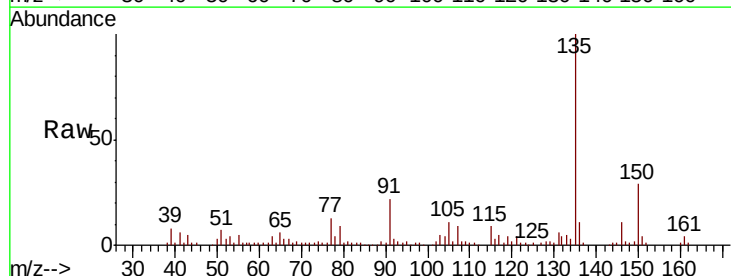


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

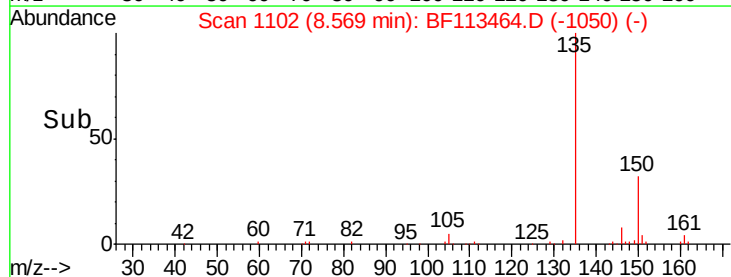
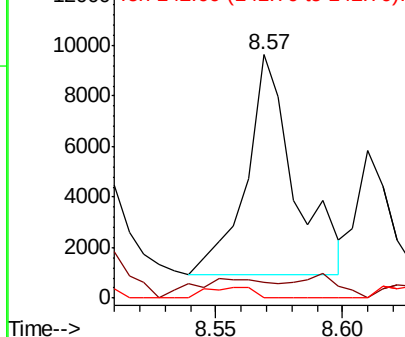


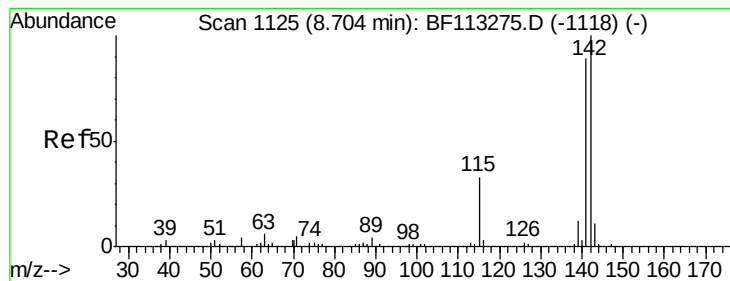
#36
4-Chloro-3-methylphenol
Concen: 2.088 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Tgt Ion:107 Resp: 11474
Ion Ratio Lower Upper
107 100
144 6.5 20.5 30.7#
142 0.0 63.9 95.9#



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





#37

2-Methylnaphthalene

Concen: 70.666 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

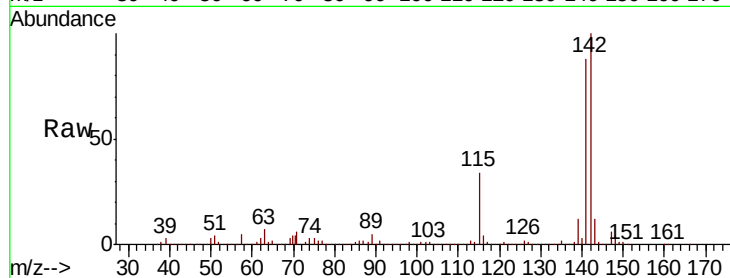
Tot Ion:142 Resp: 812475

Ion Ratio Lower Upper

142 100

141 88.1 69.2 103.8

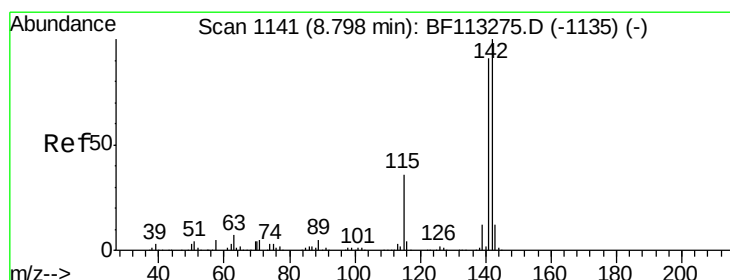
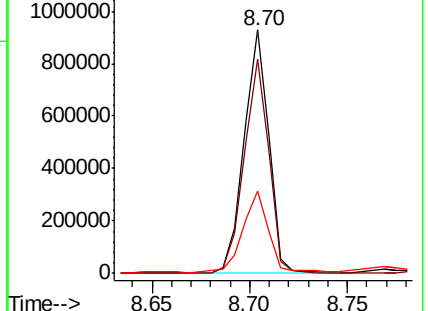
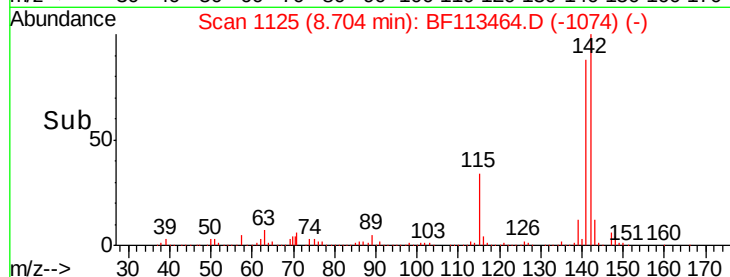
115 34.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 98.935 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

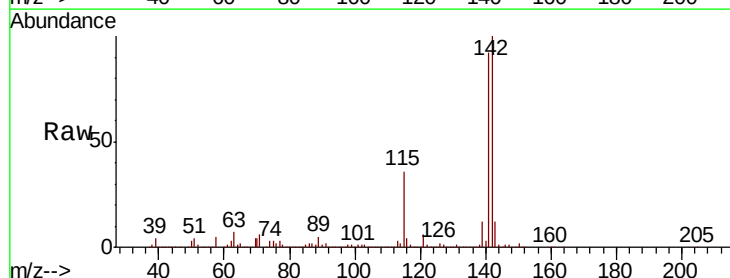
Tgt Ion:142 Resp: 1094101

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.4

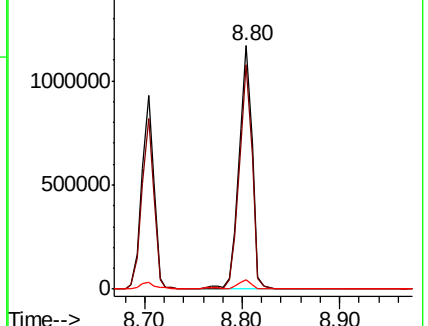
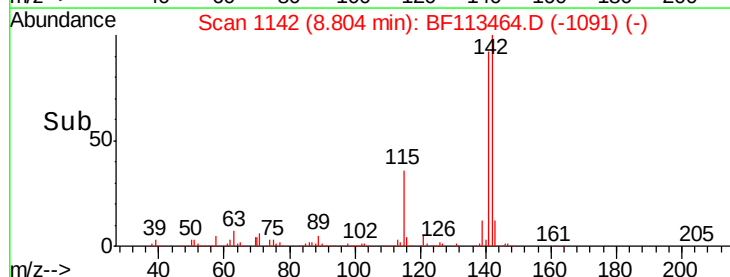
116 3.9 2.8 4.2

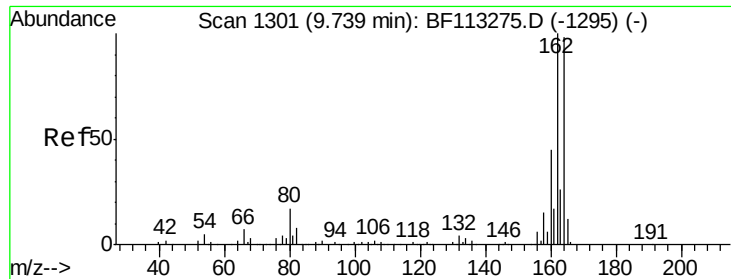


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

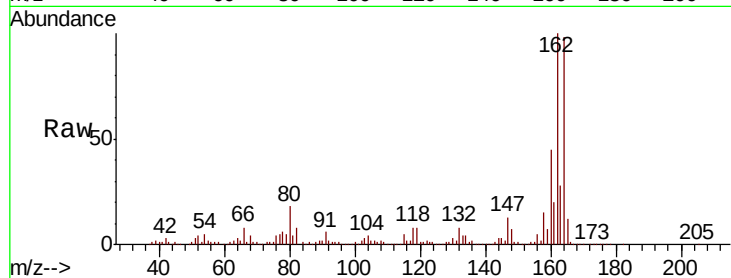




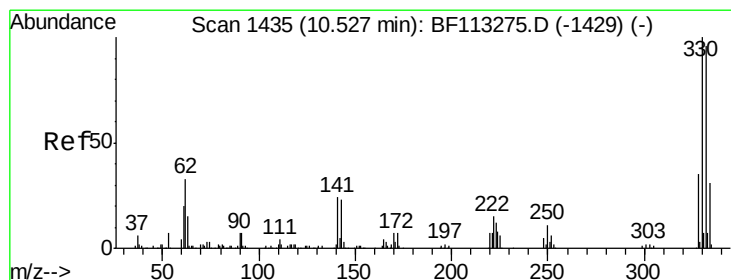
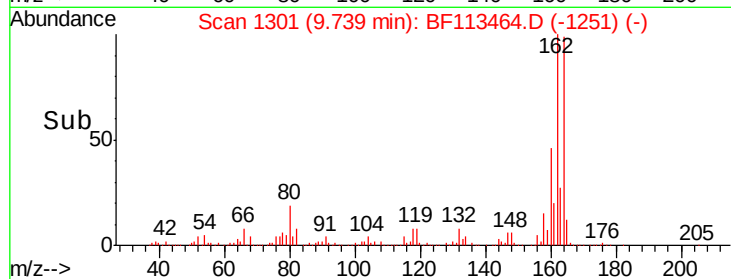
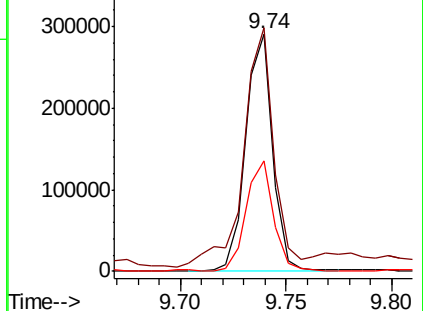
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 254778
 Ion Ratio Lower Upper
 164 100
 162 102.4 79.7 119.5
 160 46.5 35.9 53.9

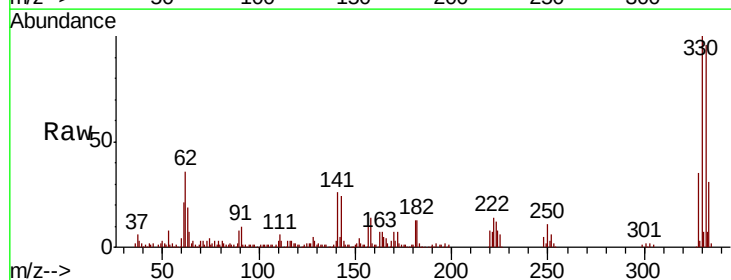


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

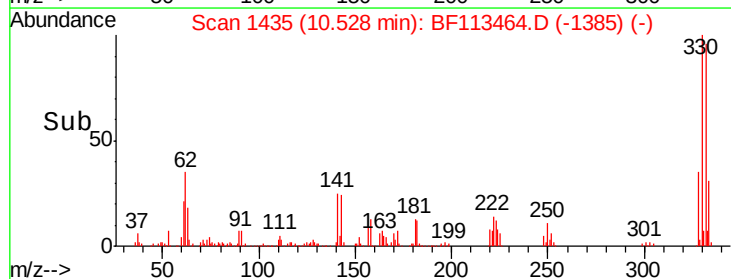
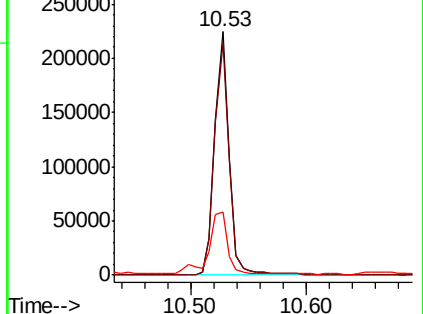


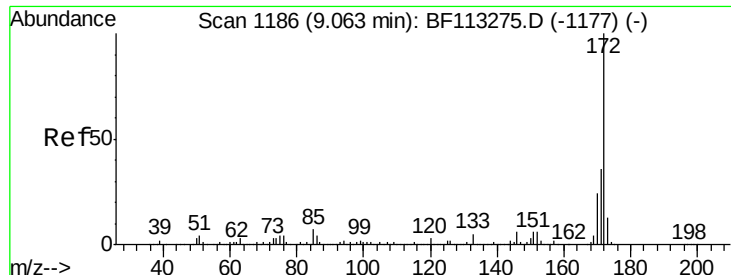
#42
 2,4,6-Tribromophenol
 Concen: 62.316 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

Tgt Ion:330 Resp: 196115
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.7 116.5
 141 33.1 21.4 32.2#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

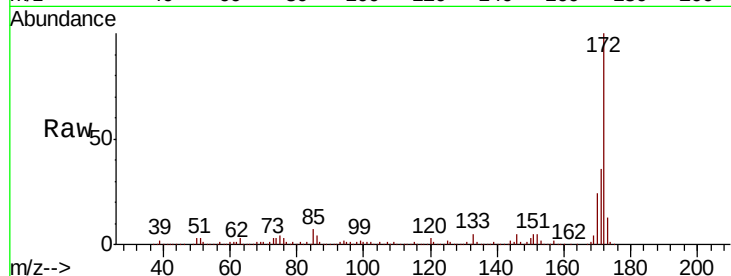




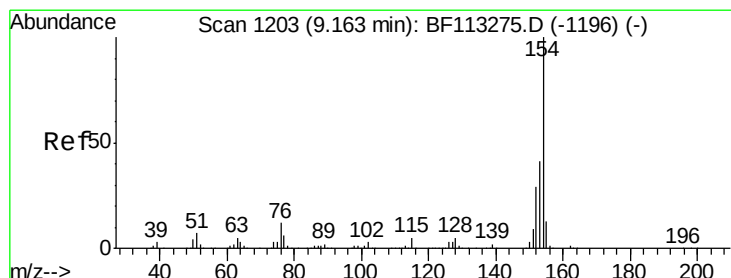
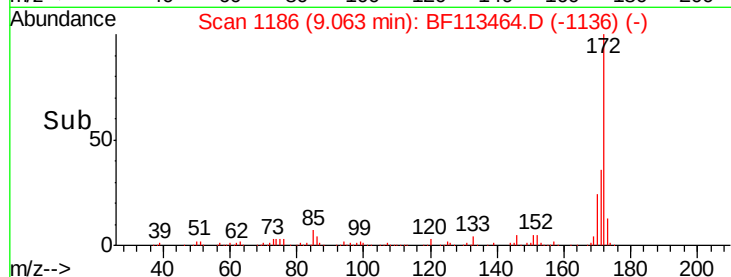
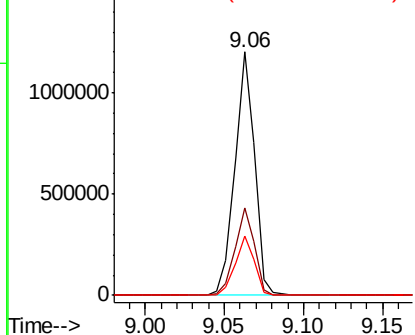
#45
2-Fluorobiphenyl
Concen: 58.298 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1037712
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.2 19.8 29.6

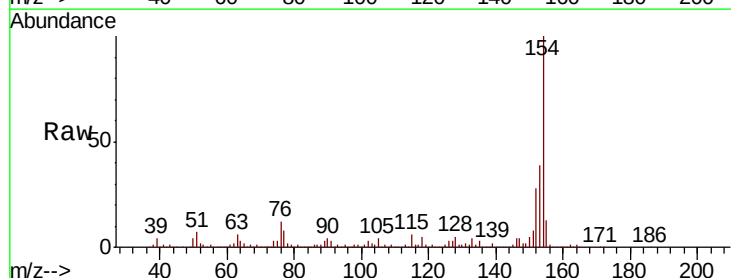


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

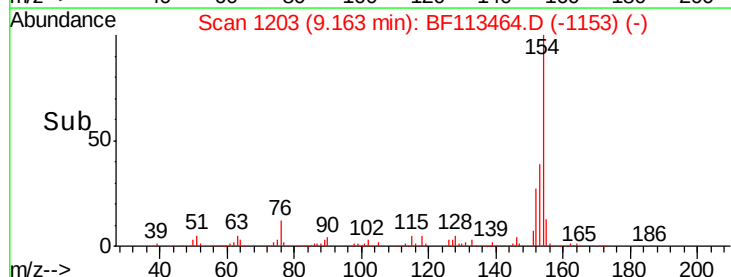
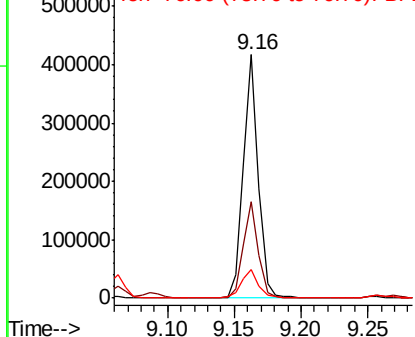


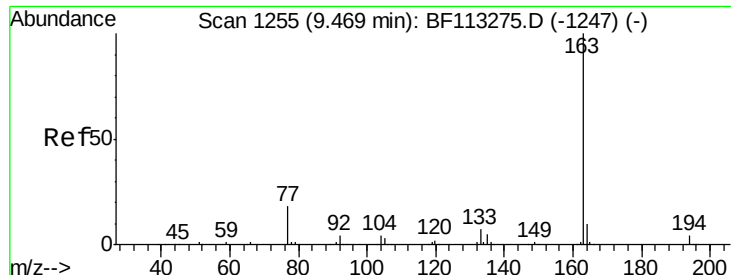
#46
1,1'-Biphenyl
Concen: 15.318 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Tgt Ion:154 Resp: 325961
Ion Ratio Lower Upper
154 100
153 39.4 20.9 60.9
76 11.9 0.0 33.2



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





#50

Dimethylphthalate

Concen: 3.832 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

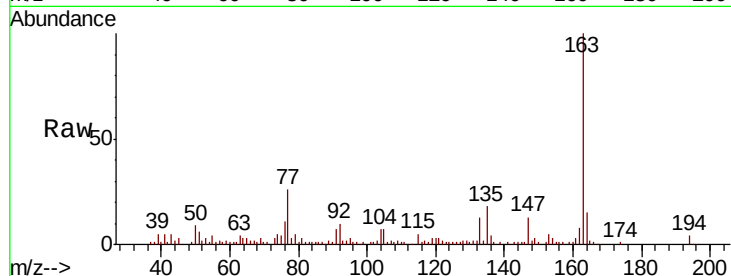
Tot Ion:163 Resp: 72347

Ion Ratio Lower Upper

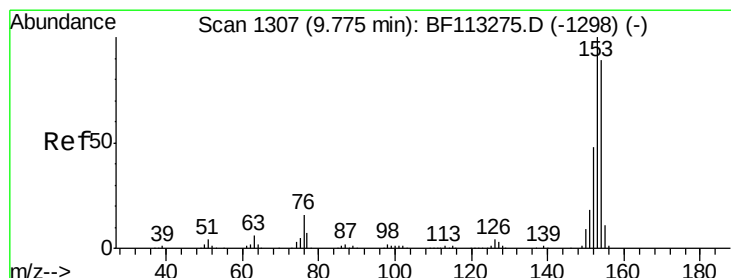
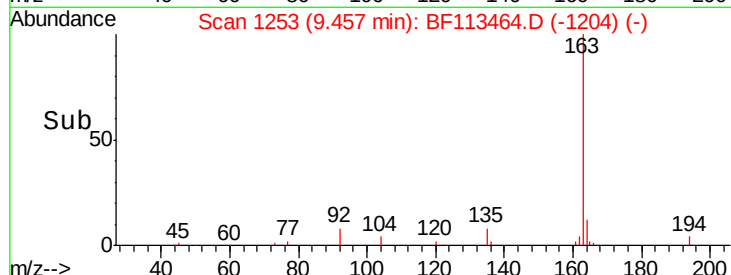
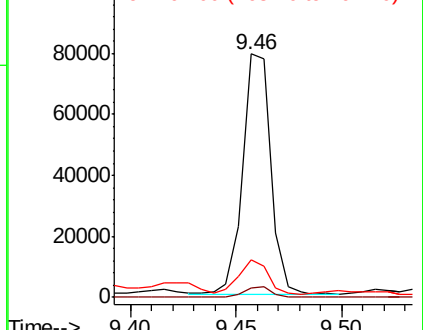
163 100

194 3.8 3.1 4.7

164 15.3 8.3 12.5#



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



#52

Acenaphthene

Concen: 36.676 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

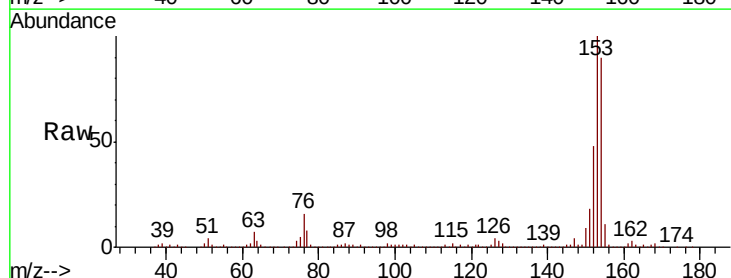
Tgt Ion:154 Resp: 547143

Ion Ratio Lower Upper

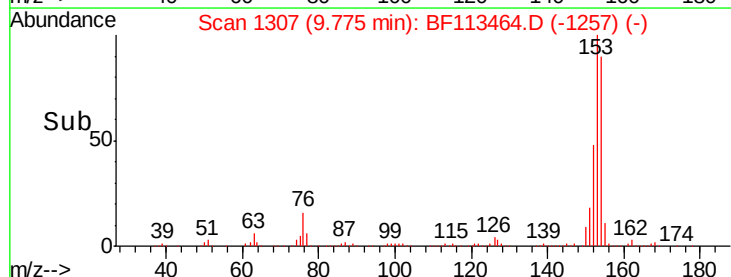
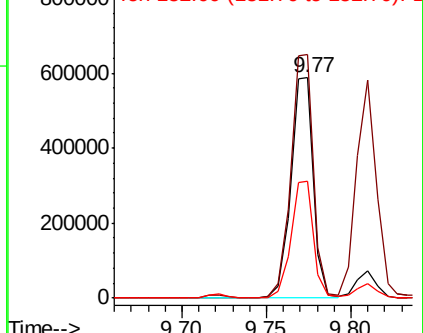
154 100

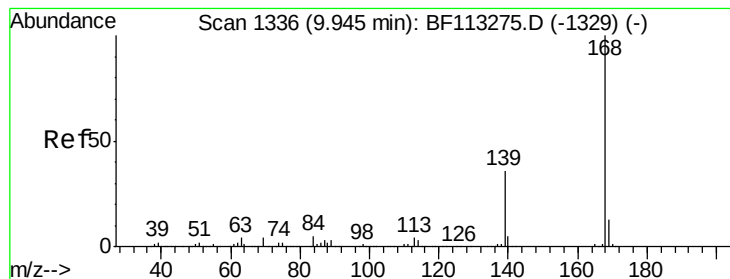
153 110.7 89.1 133.7

152 53.2 43.0 64.4



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: 28.122 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

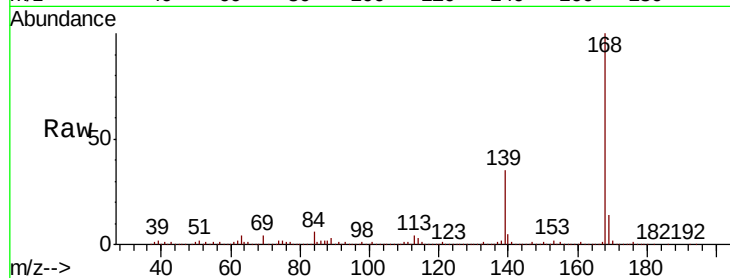
Tot Ion:168 Resp: 630710

Ion Ratio Lower Upper

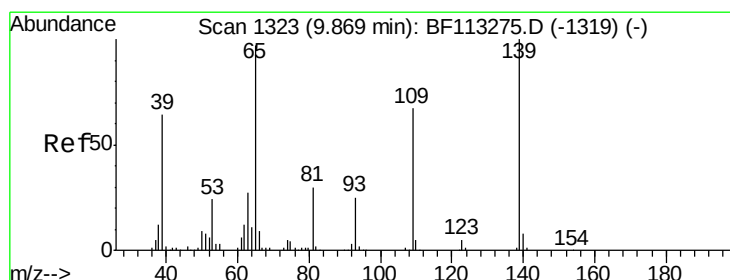
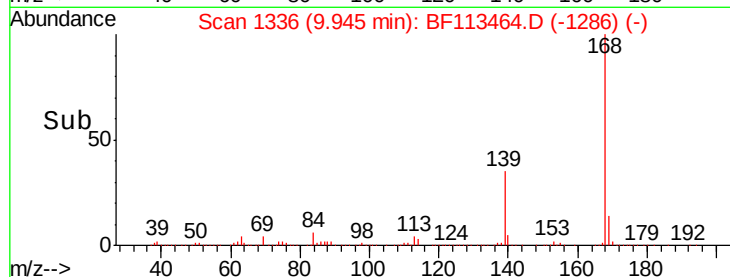
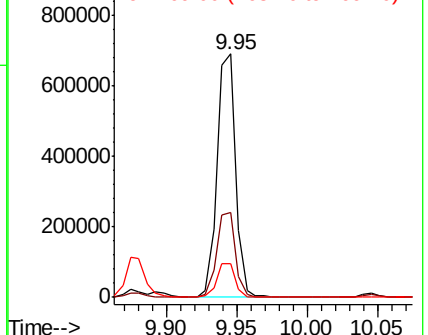
168 100

139 35.0 29.1 43.7

169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 3.487 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

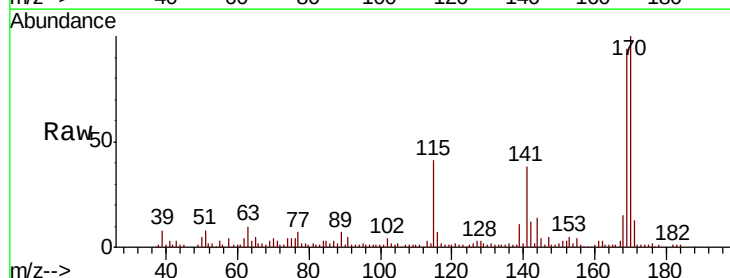
Tgt Ion:139 Resp: 11943

Ion Ratio Lower Upper

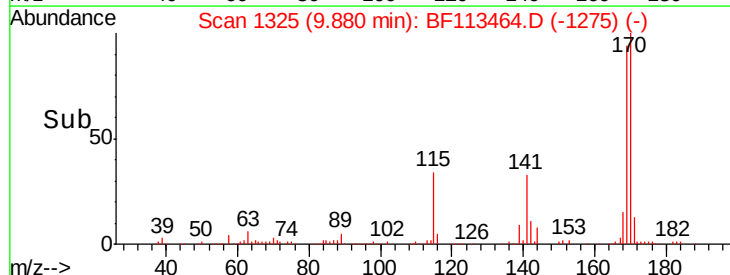
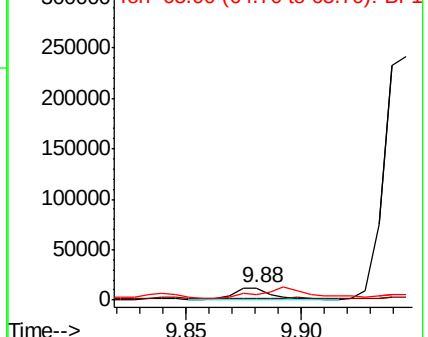
139 100

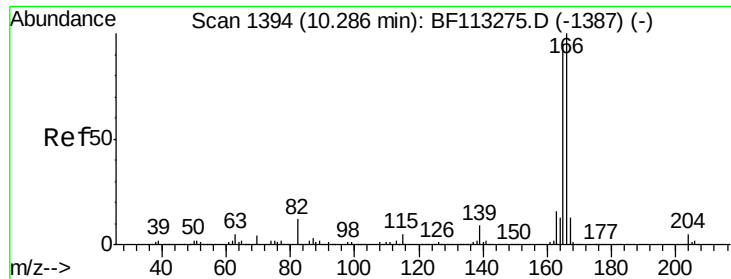
109 12.2 39.0 79.0#

65 43.7 65.7 105.7#



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

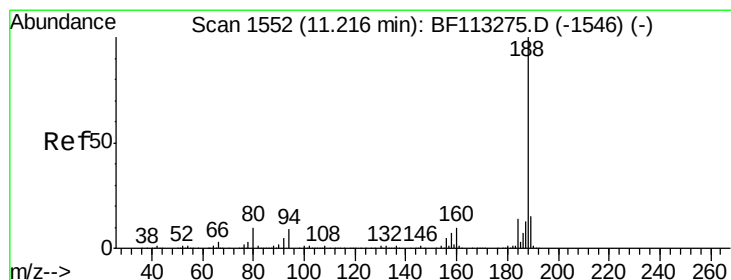
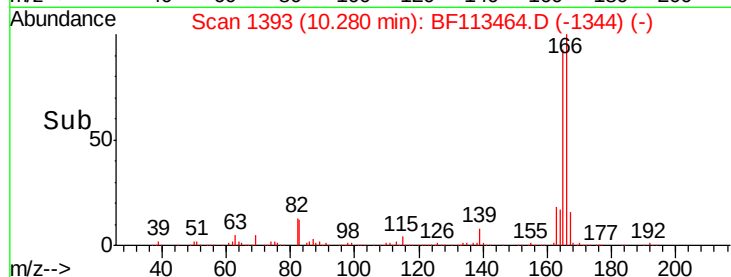
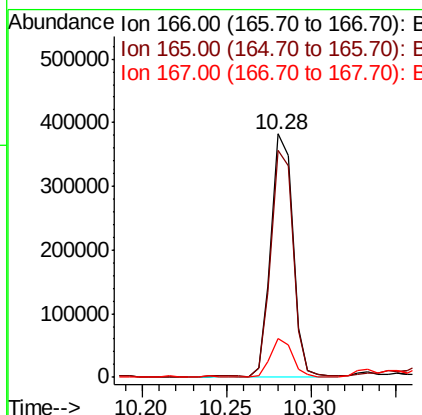
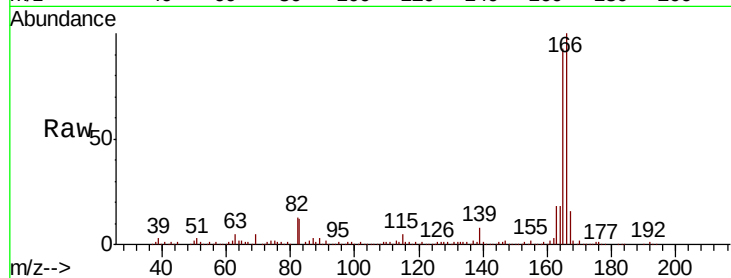




#58
 Fluorene
 Concen: 20.005 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

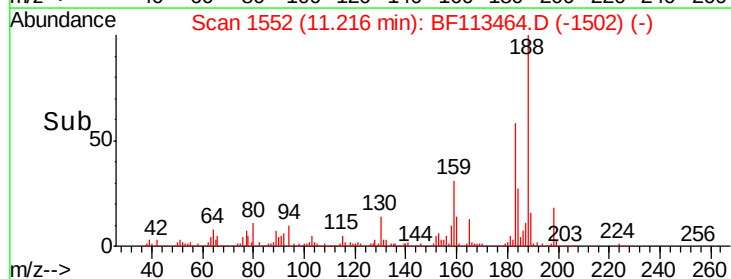
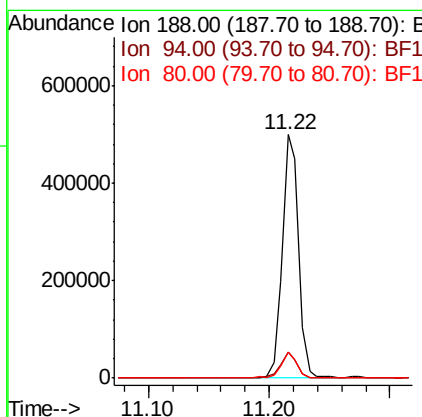
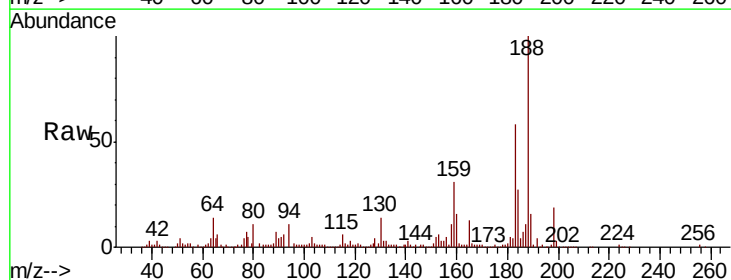
Instrument :
 BNA_F
 ClientSampled :

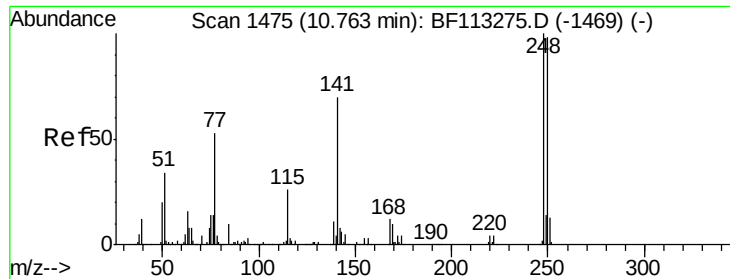
Tot Ion:166 Resp: 348533
 Ion Ratio Lower Upper
 166 100
 165 93.5 75.8 113.6
 167 16.0 11.2 16.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

Tgt Ion:188 Resp: 462077
 Ion Ratio Lower Upper
 188 100
 94 10.6 7.8 11.6
 80 10.9 8.2 12.2

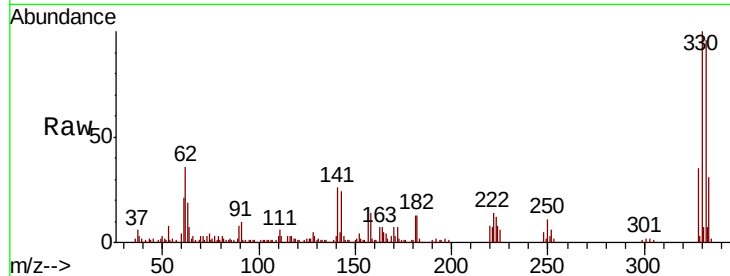




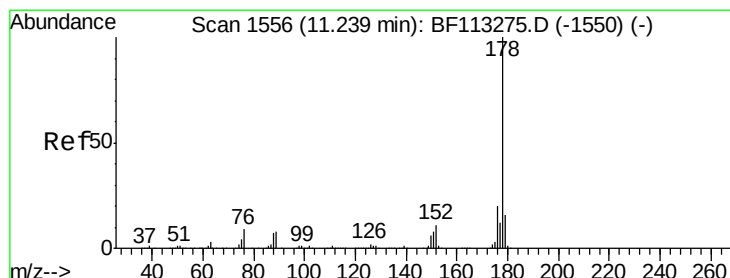
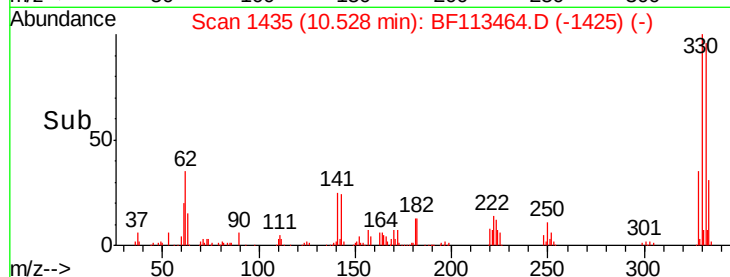
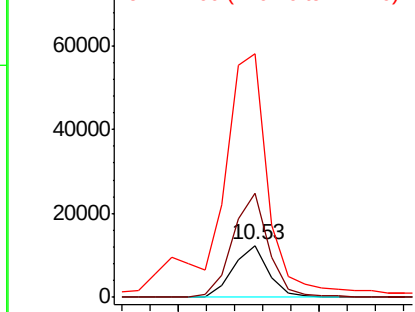
#67
 4-Bromophenyl-phenylether
 Concen: 2.135 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 10754
 Ion Ratio Lower Upper
 248 100
 250 202.0 77.5 116.3#
 141 470.8 54.0 81.0#

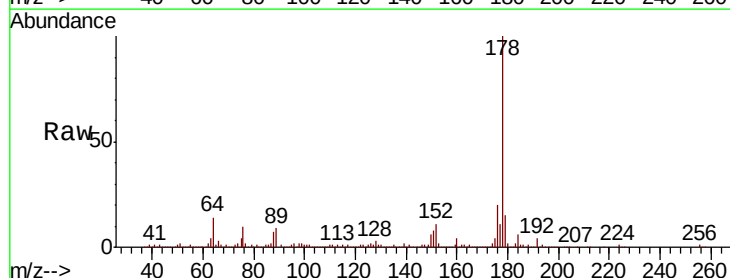


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

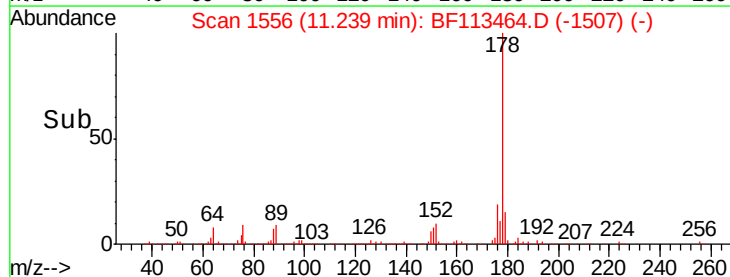
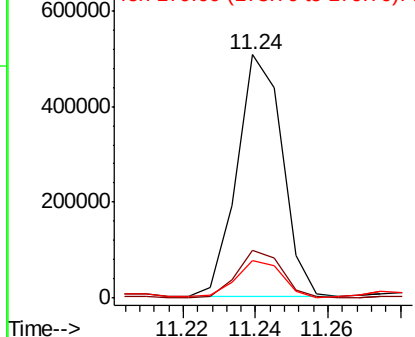


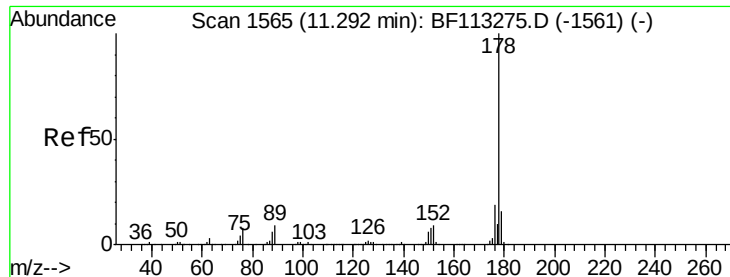
#71
 Phenanthrene
 Concen: 19.126 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

Tgt Ion:178 Resp: 438892
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.1 24.1
 179 15.4 12.6 19.0



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: 2.313 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

Instrument :

BNA_F

ClientSampleId :

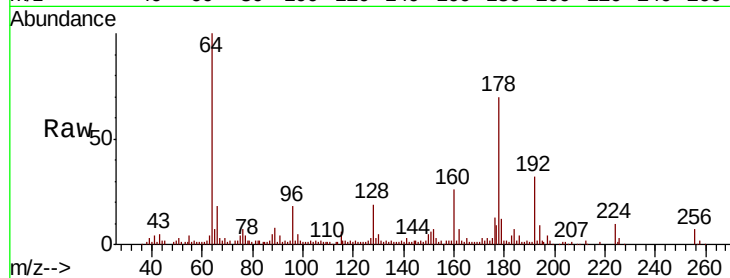
Tot Ion:178 Resp: 53918

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

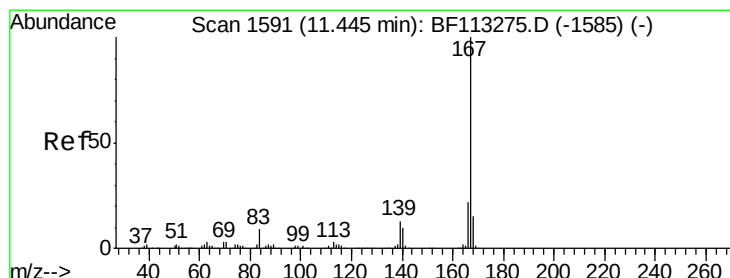
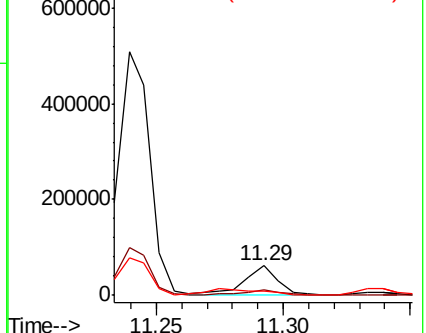
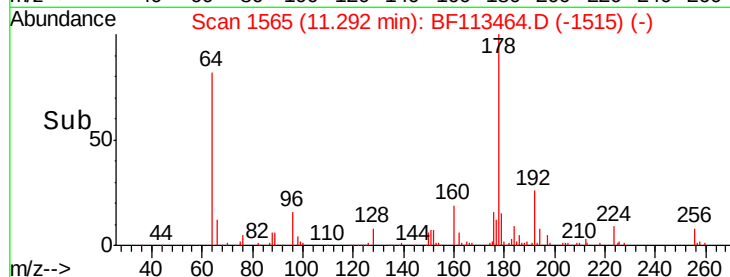
179 16.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 18.587 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF113464.D

Acq: 1 Apr 2019 14:07

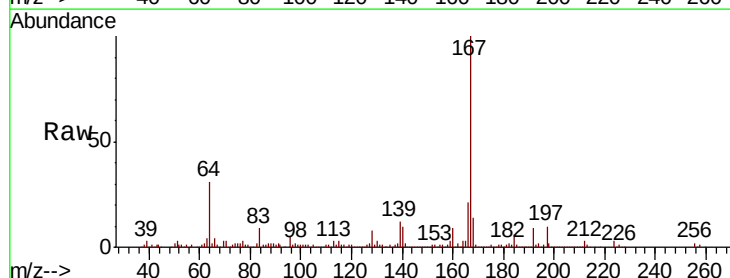
Tgt Ion:167 Resp: 413383

Ion Ratio Lower Upper

167 100

166 21.3 17.8 26.8

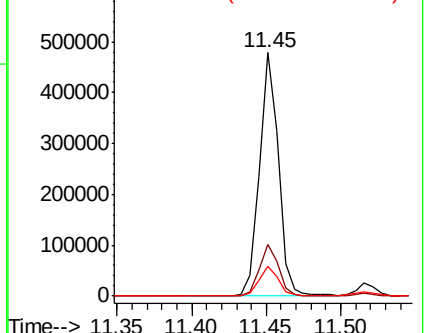
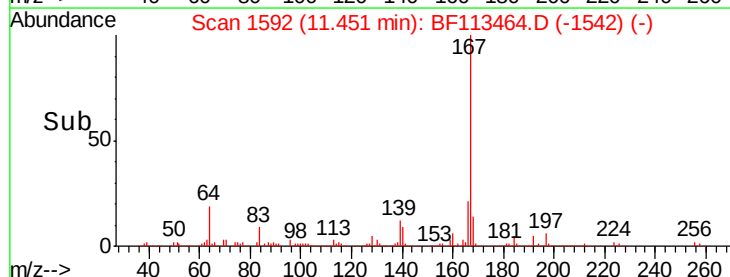
139 12.5 10.2 15.2

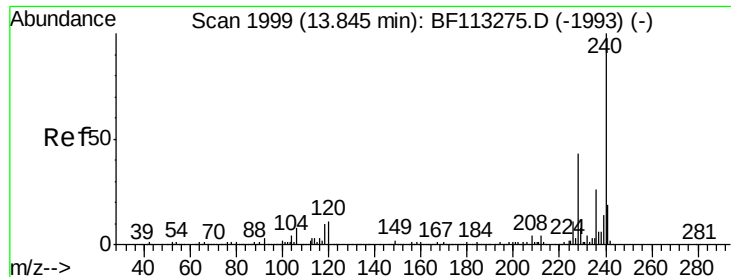


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

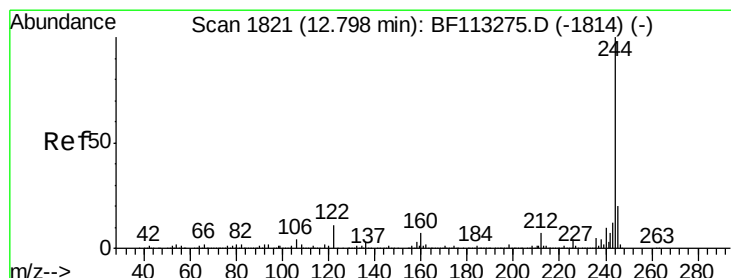
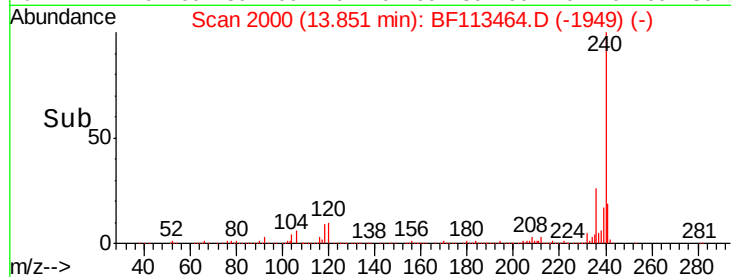
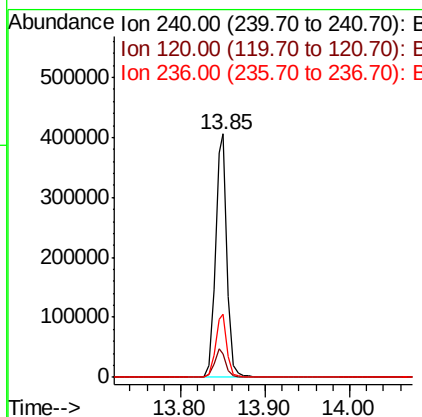
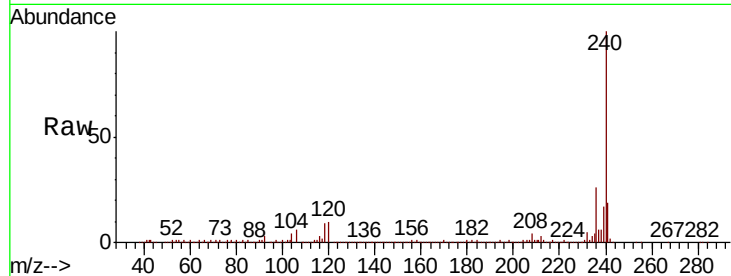




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

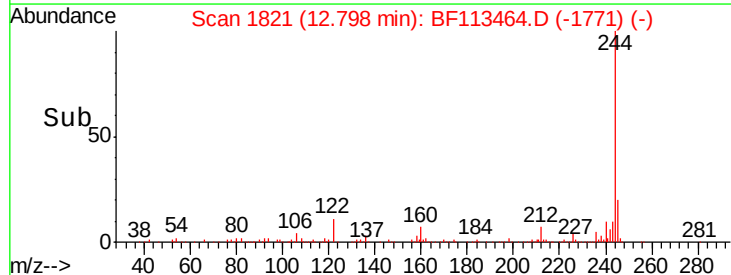
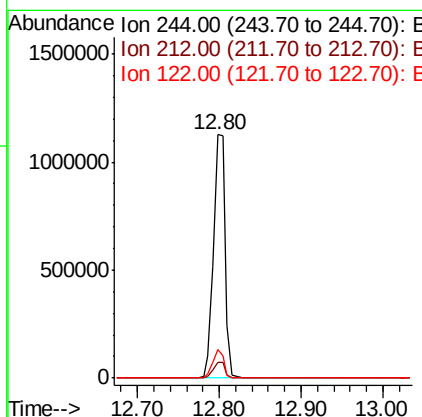
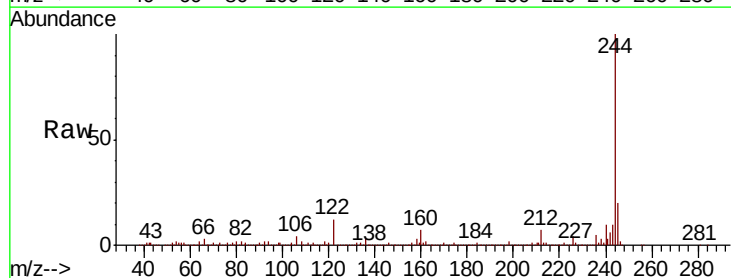
Instrument :
 BNA_F
 ClientSampled :

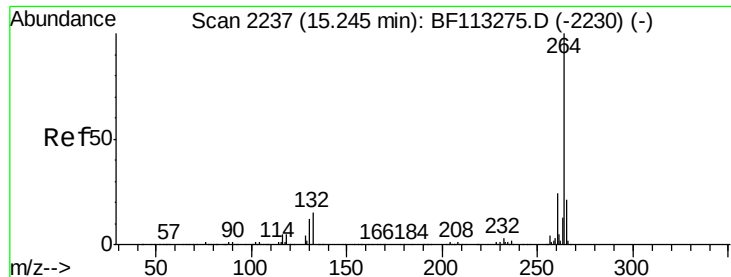
Tot Ion:240 Resp: 399725
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.7 14.5
 236 26.0 20.9 31.3



#79
 Terphenyl-d14
 Concen: 61.476 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF113464.D
 Acq: 1 Apr 2019 14:07

Tgt Ion:244 Resp: 1114870
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.5 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF113464.D
Acq: 1 Apr 2019 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.4	17.2	25.8

