

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113449.D
 Acq On : 30 Mar 2019 9:13
 Operator : JU/SJ
 Sample : K2153-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Quant Time: Apr 01 04:12:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100985	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	384235	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	184898	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	351240	20.00	ng	0.00
76) Chrysene-d12	13.85	240	310961	20.00	ng	0.00
87) Perylene-d12	15.25	264	261030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	694287	112.42	ng	0.00
7) Phenol-d6	6.35	99	960085	122.88	ng	0.00
23) Nitrobenzene-d5	7.27	82	580972	89.74	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	193049	84.53	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1111610	96.65	ng	0.00
79) Terphenyl-d14	12.79	244	1170670	82.98	ng	0.00

Target Compounds

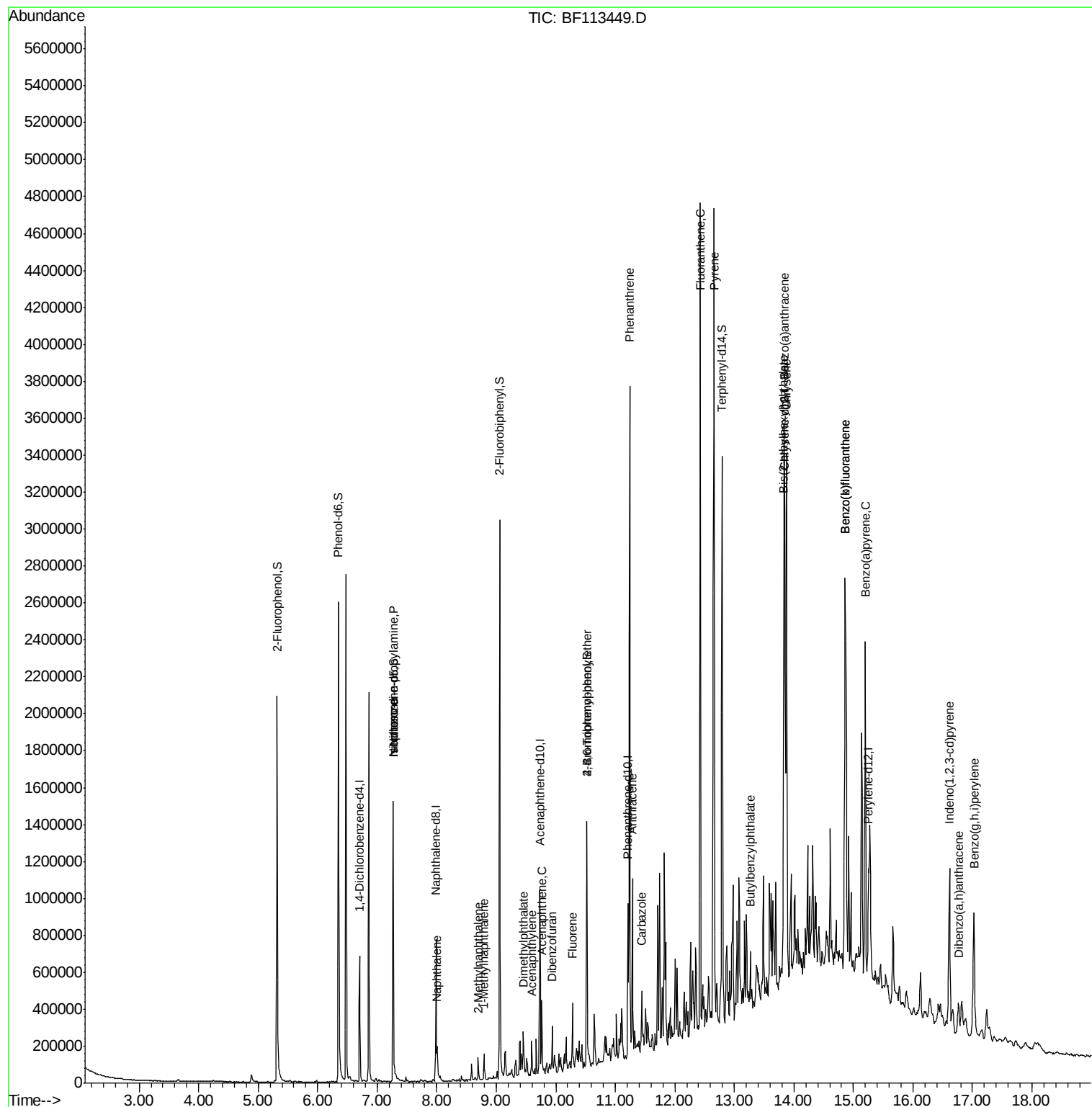
						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	72633	14.800	ng	# 74
20) 3+4-Methylphenols	7.16	107	1795	Below	Cal	# 53
25) Isophorone	7.27	82	574288	45.776	ng	# 64
31) Naphthalene	8.00	128	74769	3.982	ng	99
37) 2-Methylnaphthalene	8.70	142	39741	3.392	ng	97
38) 1-Methylnaphthalene	8.80	142	43574	3.867	ng	98
49) Acenaphthylene	9.60	152	73327	3.814	ng	98
50) Dimethylphthalate	9.45	163	90412	6.598	ng	100
52) Acenaphthene	9.76	154	91575	8.458	ng	99
55) Dibenzofuran	9.94	168	68974	4.238	ng	# 94
58) Fluorene	10.28	166	102633	8.117	ng	98
67) 4-Bromophenyl-phenylether	10.52	248	10664	2.786	ng	# 1
71) Phenanthrene	11.24	178	1527313	87.562	ng	99
72) Anthracene	11.29	178	385804	21.776	ng	99
73) Carbazole	11.45	167	132551	7.841	ng	99
75) Fluoranthene	12.43	202	2156384	109.358	ng	98
78) Pyrene	12.66	202	2230482	103.510	ng	99
80) Butylbenzylphthalate	13.27	149	65512	6.898	ng	95
81) Benzo(a)anthracene	13.84	228	1209159	67.931	ng	97
83) Chrysene	13.87	228	1079183	59.690	ng	97
84) Bis(2-ethylhexyl)phthalate	13.83	149	116444	10.002	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	570671	36.778	ng	95
88) Benzo(b)fluoranthene	14.86	252	1697002	104.656	ng	# 97
89) Benzo(k)fluoranthene	14.86	252	1697002	119.173	ng	# 96
90) Benzo(a)pyrene	15.20	252	915521	63.687	ng	98
91) Dibenzo(a,h)anthracene	16.77	278	109594	8.817	ng	94
92) Benzo(g,h,i)perylene	17.03	276	558433	44.558	ng	97

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

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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONC-1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

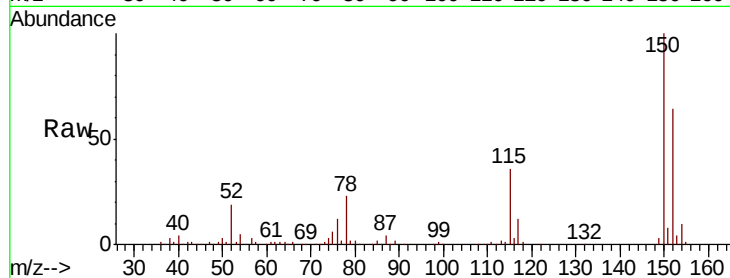
Tgt Ion:152 Resp: 100985

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

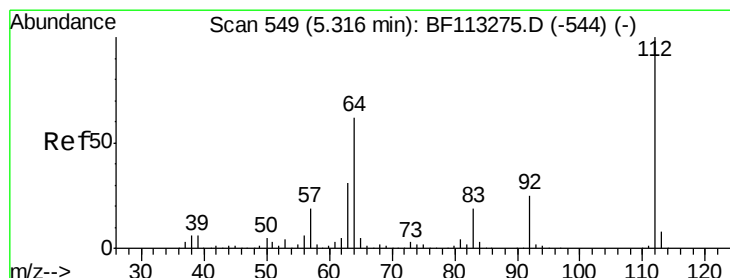
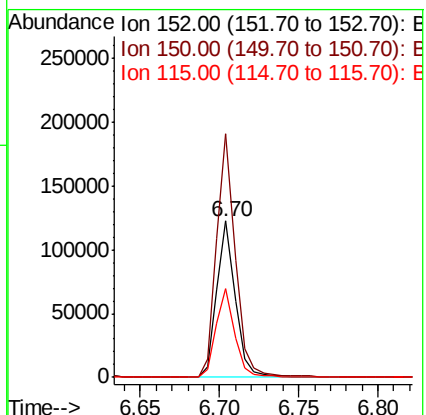
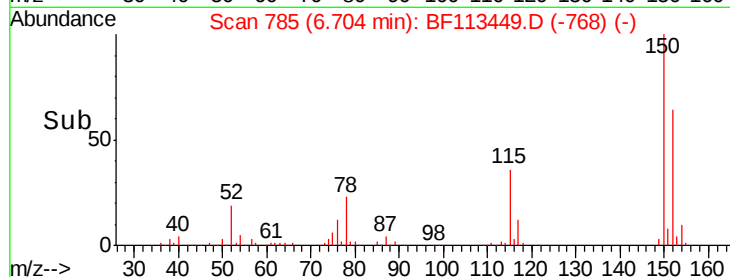
115 56.6 46.0 69.0



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



#5

2-Fluorophenol

Concen: 112.417 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

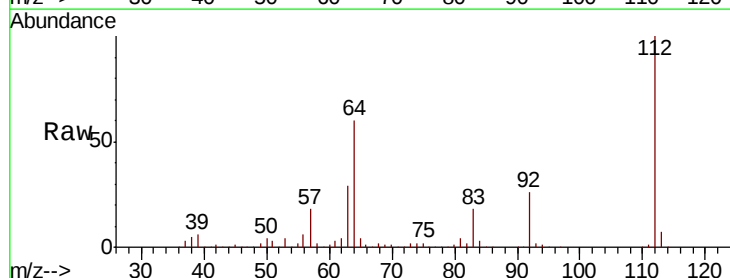
Tgt Ion:112 Resp: 694287

Ion Ratio Lower Upper

112 100

64 59.7 49.2 73.8

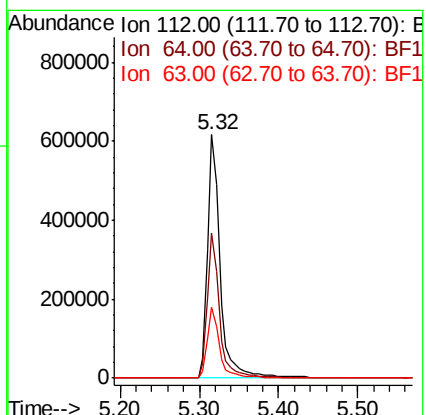
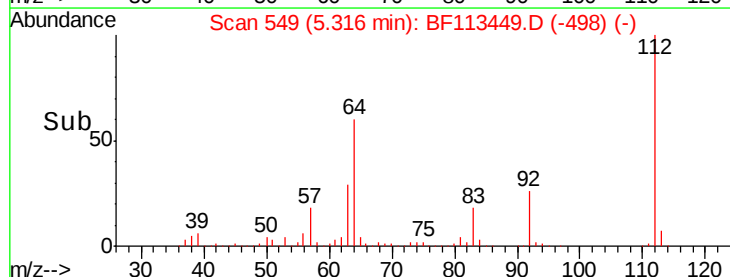
63 29.2 24.9 37.3

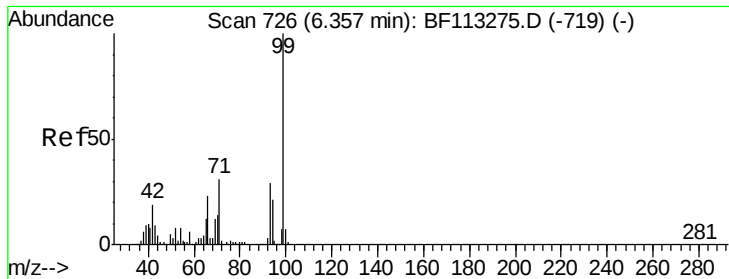


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 122.884 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

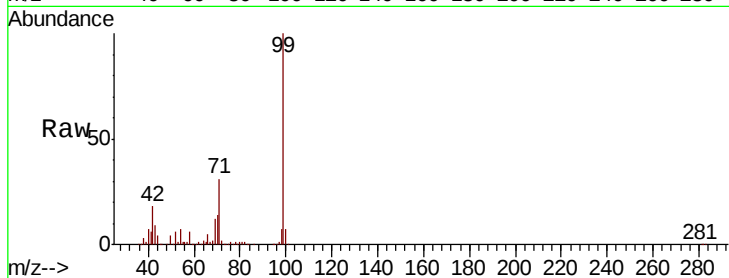
Tgt Ion: 99 Resp: 960085

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

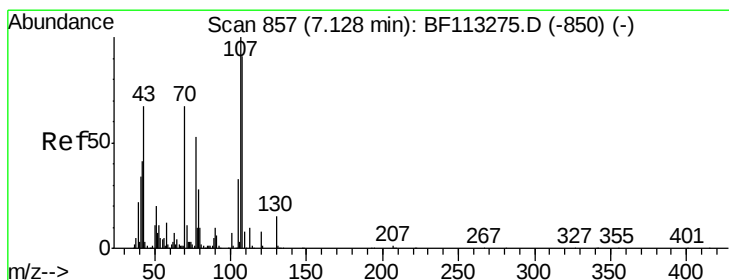
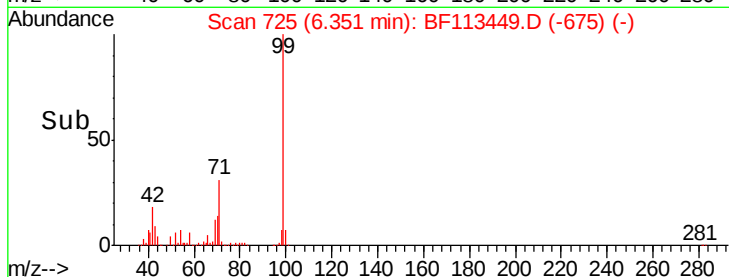
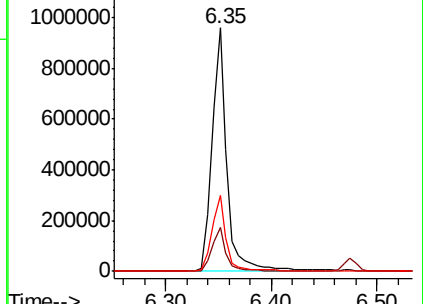
71 31.1 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.800 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Tgt Ion: 70 Resp: 72633

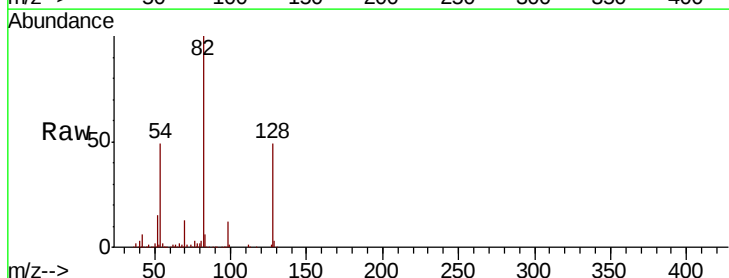
Ion Ratio Lower Upper

70 100

42 46.1 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

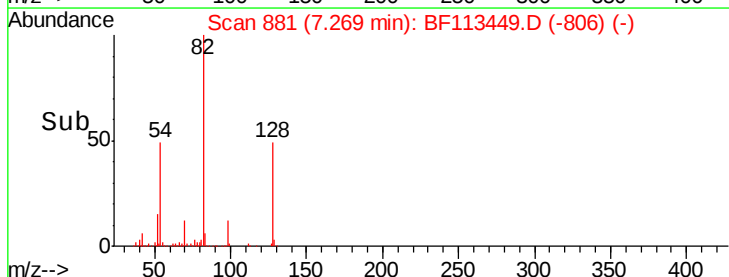
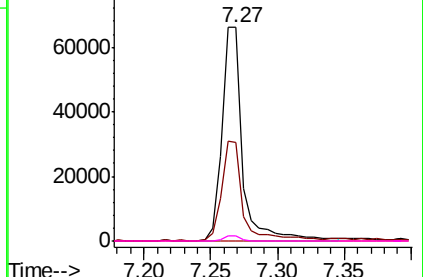


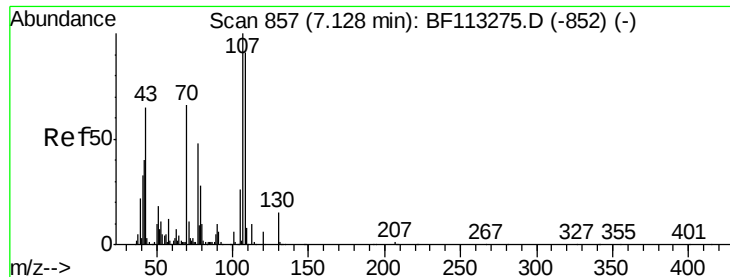
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.16 min Scan# 863

Delta R.T. 0.04 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

Tgt Ion:107 Resp: 1795

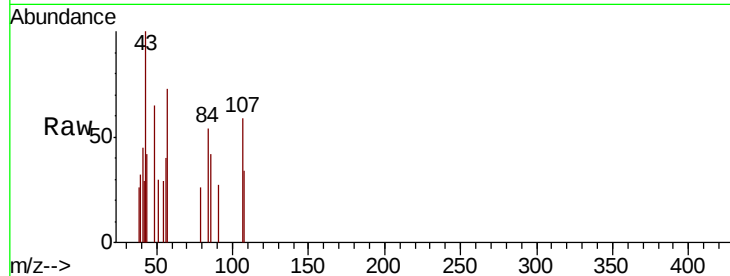
Ion Ratio Lower Upper

107 100

108 57.9 71.4 111.4#

77 0.0 33.5 73.5#

79 43.9 8.3 48.3

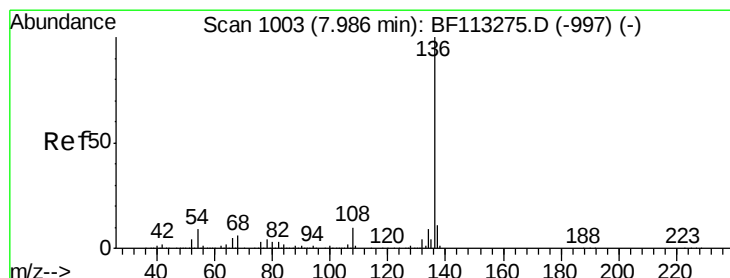
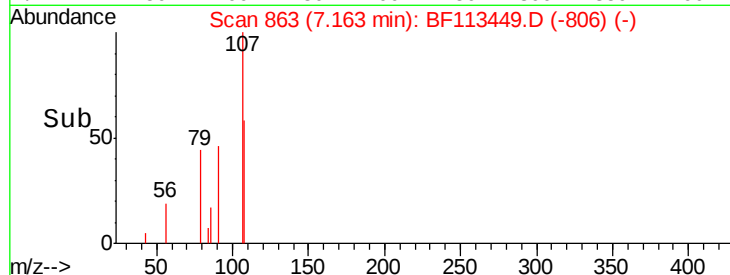
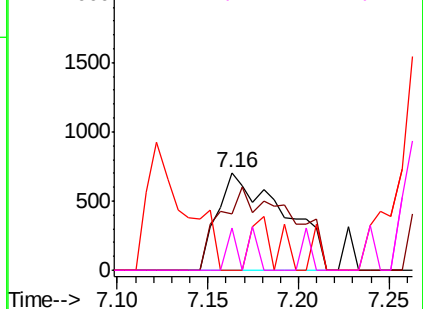


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Tgt Ion:136 Resp: 384235

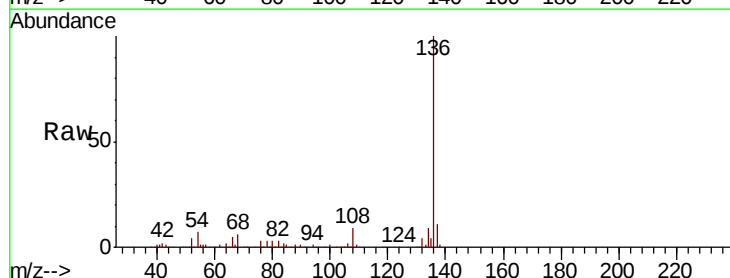
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.5 7.0 10.6

68 5.9 4.8 7.2

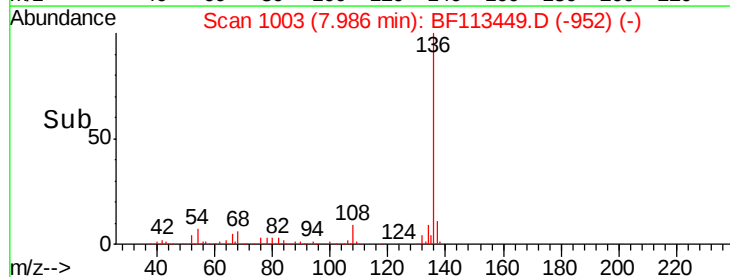
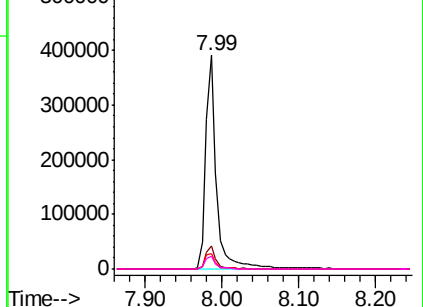


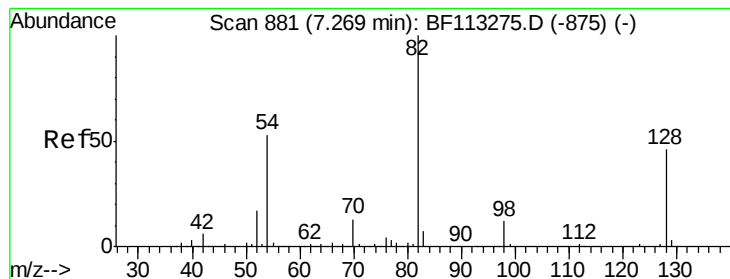
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 89.745 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

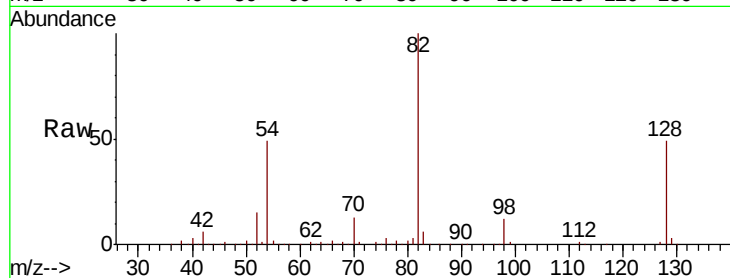
Tgt Ion: 82 Resp: 580972

Ion Ratio Lower Upper

82 100

128 49.1 36.5 54.7

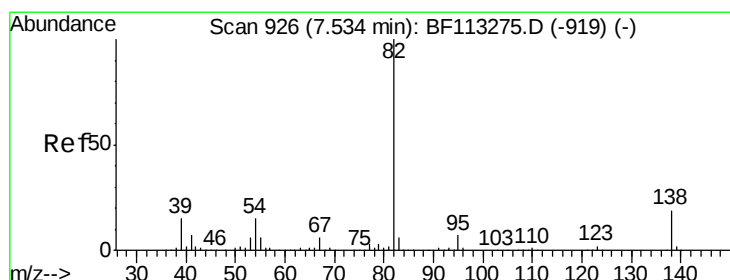
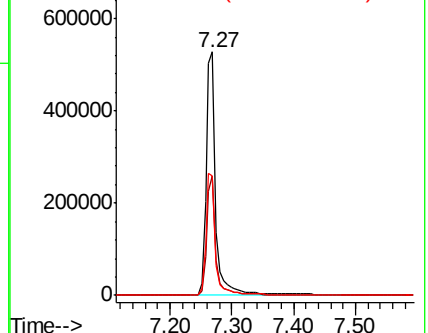
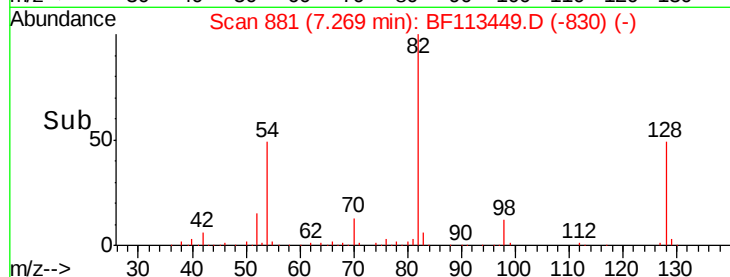
54 49.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 45.776 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

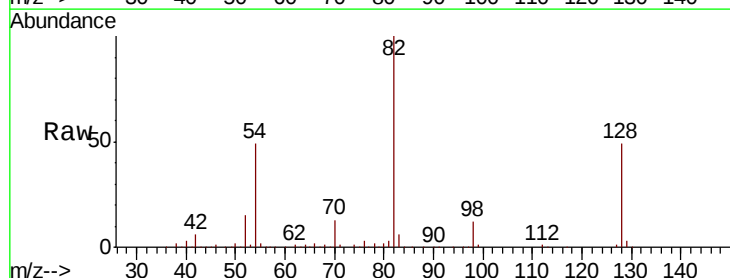
Tgt Ion: 82 Resp: 574288

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

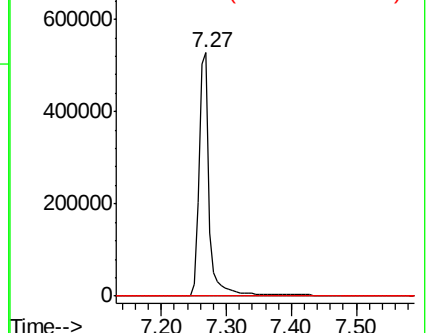
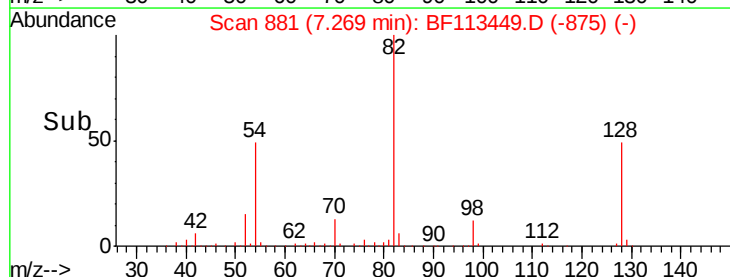
138 0.0 15.2 22.8#

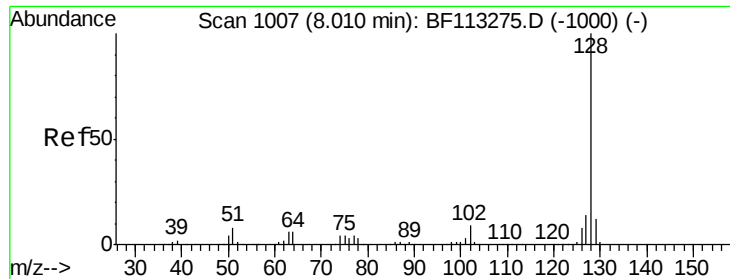


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

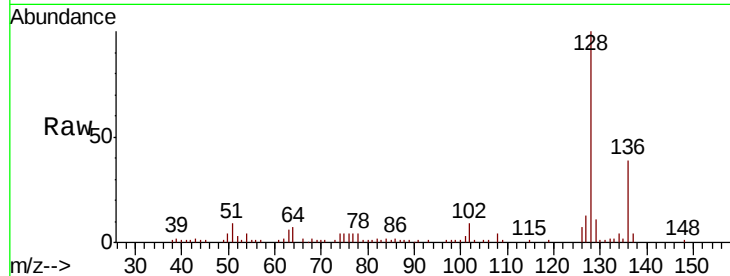




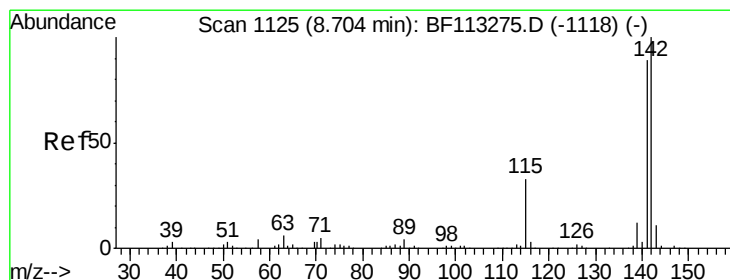
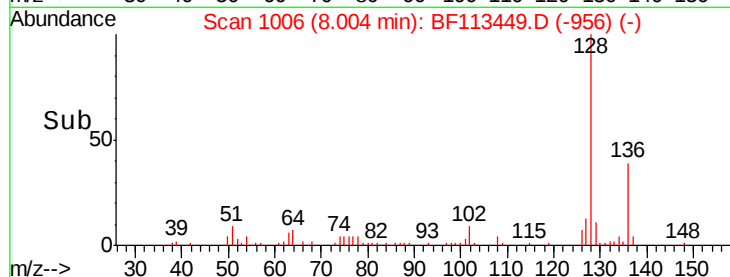
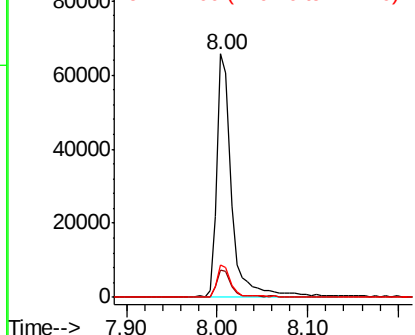
#31
Naphthalene
Concen: 3.982 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion:128 Resp: 74769
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.3 10.9 16.3

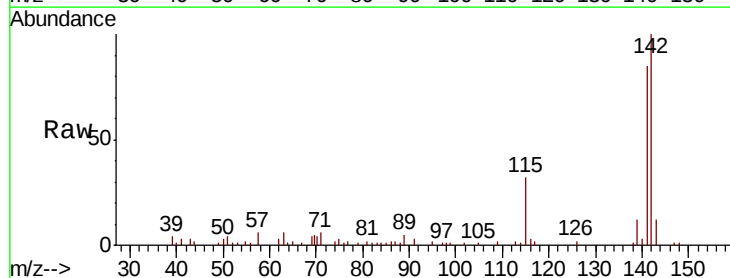


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

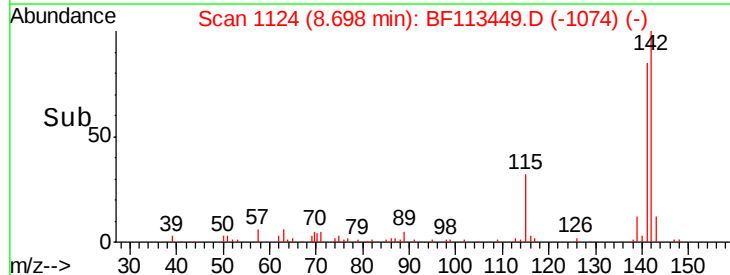
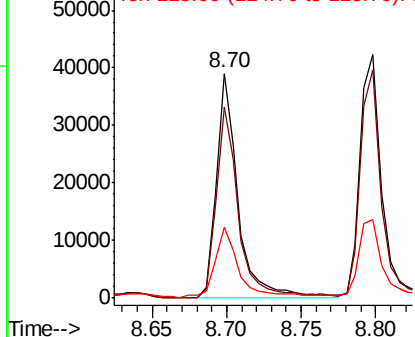


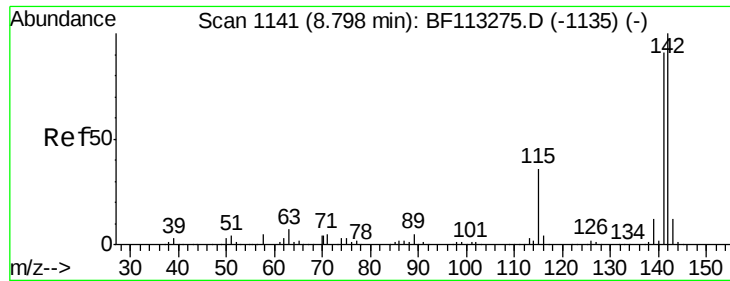
#37
2-Methylnaphthalene
Concen: 3.392 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

Tgt Ion:142 Resp: 39741
Ion Ratio Lower Upper
142 100
141 85.3 71.0 106.6
115 31.8 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

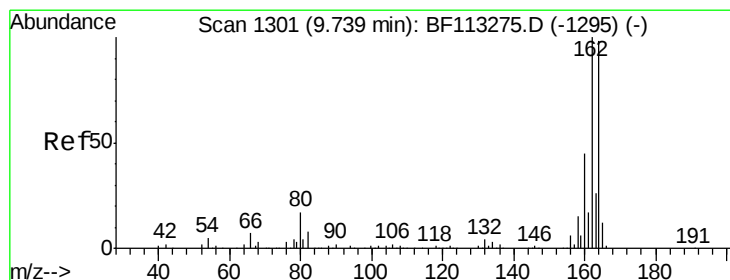
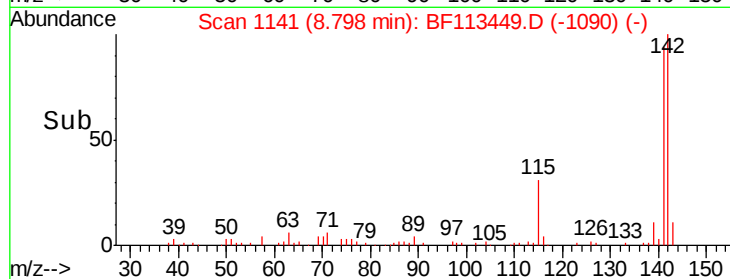
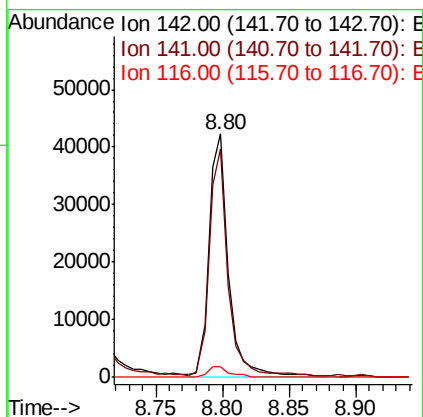
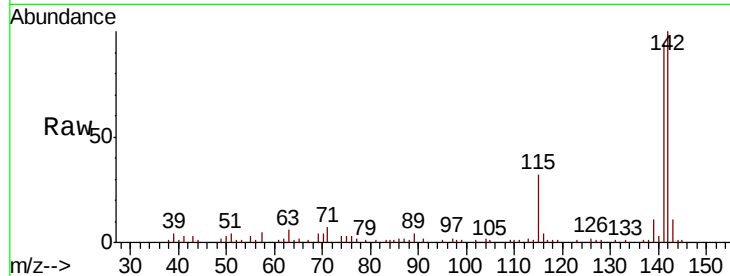




#38
 1-Methylnaphthalene
 Concen: 3.867 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

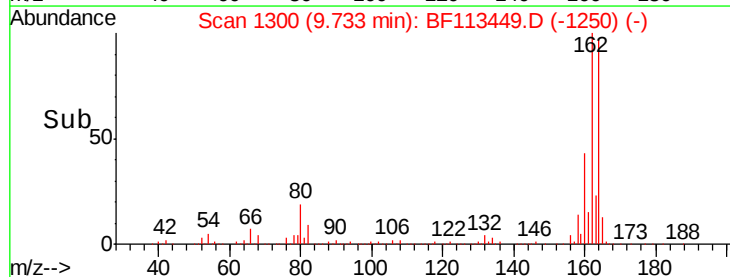
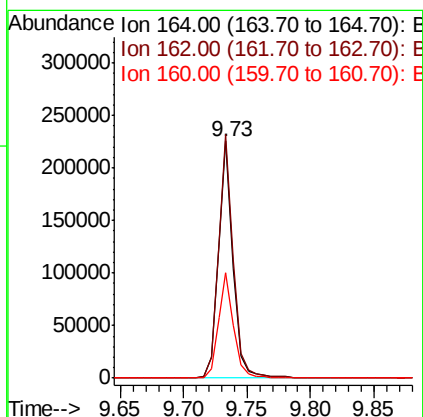
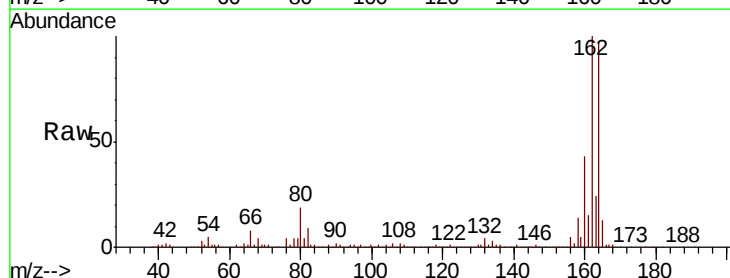
Instrument :
 BNA_F
 ClientSampled :
 CONC-1

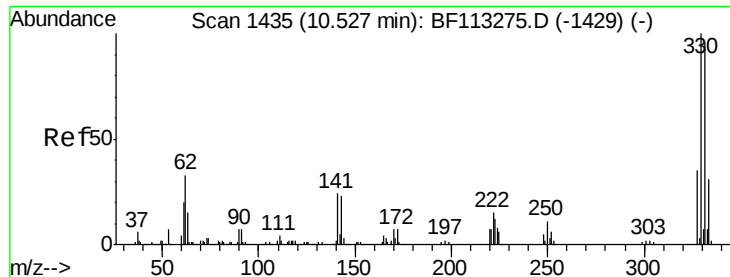
Tgt Ion:142 Resp: 43574
 Ion Ratio Lower Upper
 142 100
 141 93.7 73.2 109.8
 116 4.3 3.0 4.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Tgt Ion:164 Resp: 184898
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.8 122.6
 160 44.5 36.4 54.6

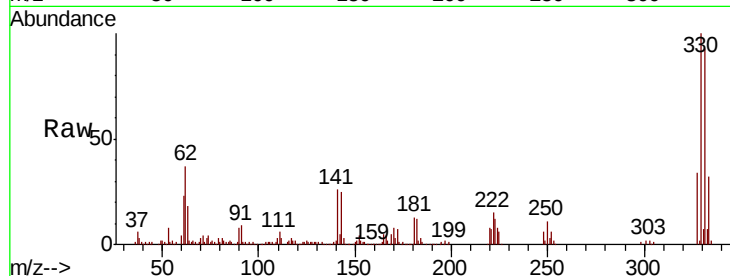




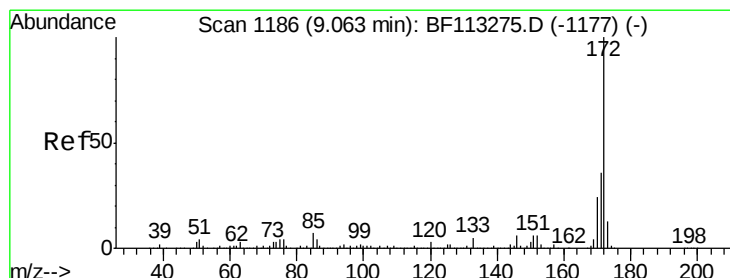
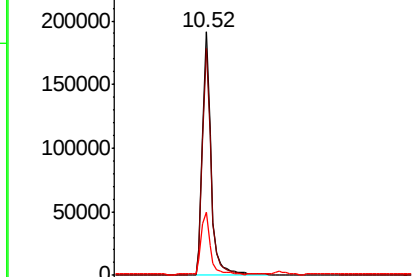
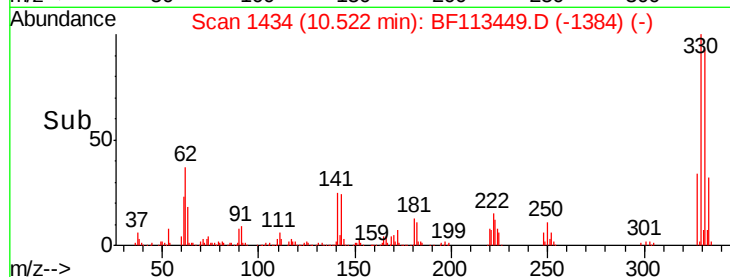
#42
 2,4,6-Tribromophenol
 Concen: 84.526 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Tgt Ion:330 Resp: 193049
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.8 116.6
 141 26.8 22.7 34.1

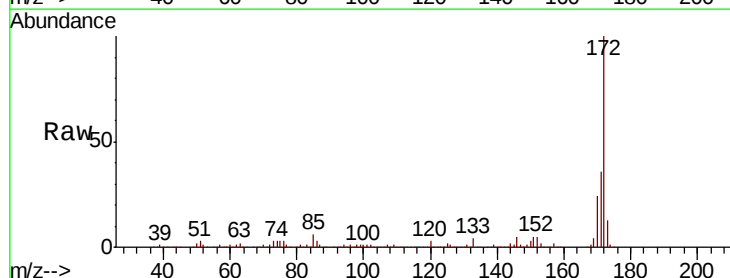


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

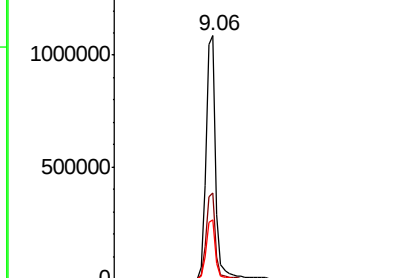
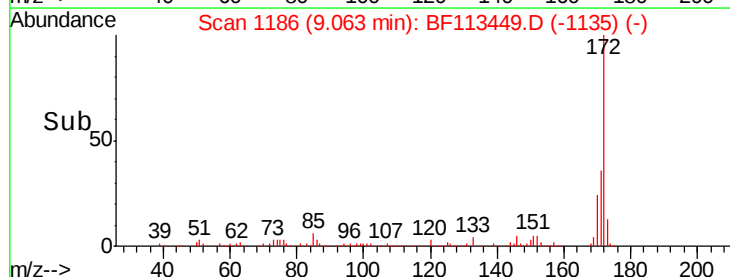


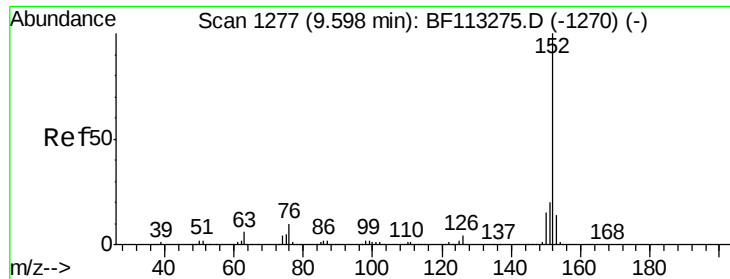
#45
 2-Fluorobiphenyl
 Concen: 96.647 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Tgt Ion:172 Resp: 1111610
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.2 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

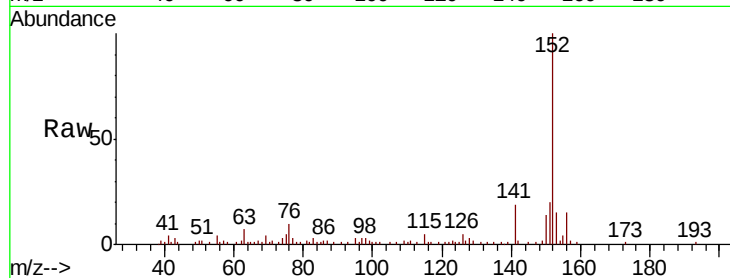




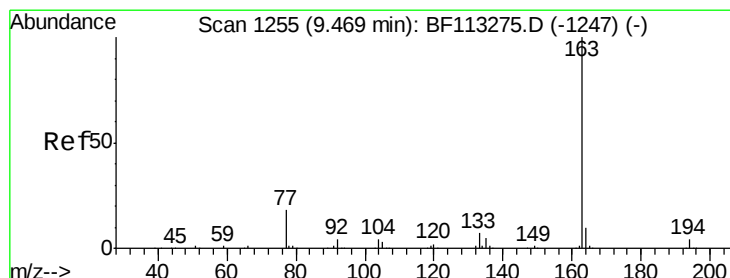
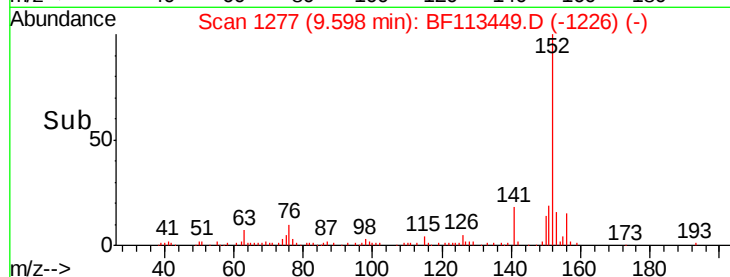
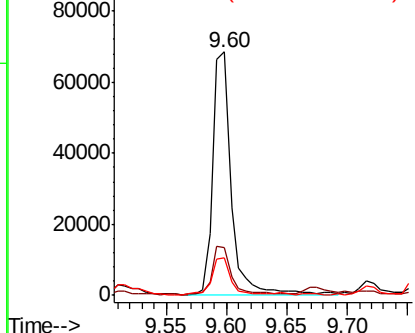
#49
Acenaphthylene
Concen: 3.814 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion:152 Resp: 73327
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 15.5 11.0 16.6

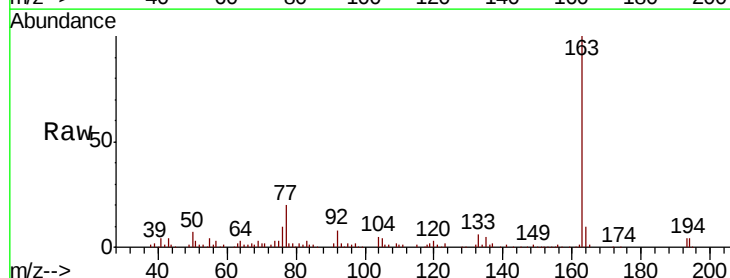


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

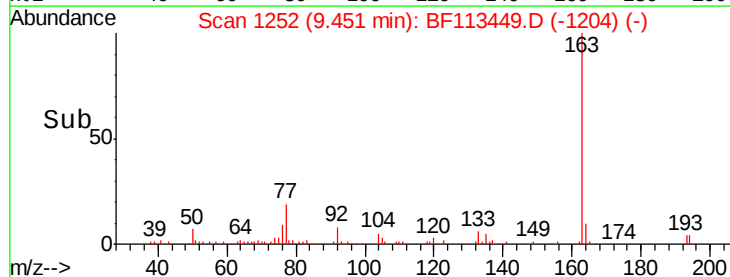
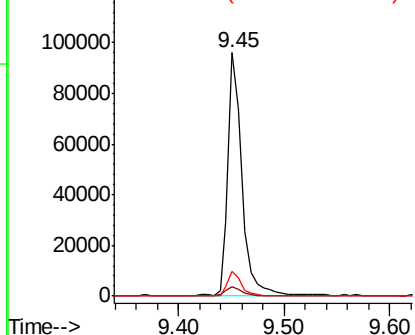


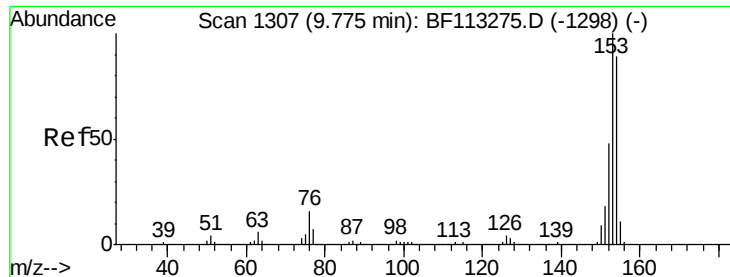
#50
Dimethylphthalate
Concen: 6.598 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

Tgt Ion:163 Resp: 90412
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 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





#52

Acenaphthene

Concen: 8.458 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

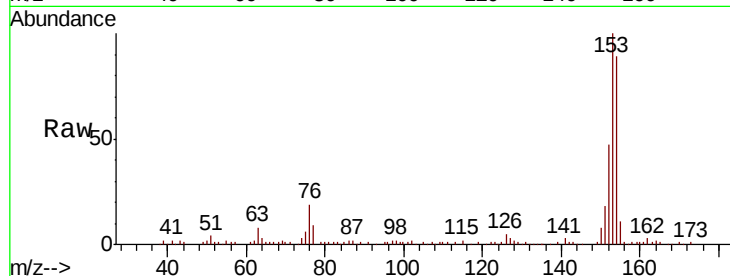
Tgt Ion:154 Resp: 91575

Ion Ratio Lower Upper

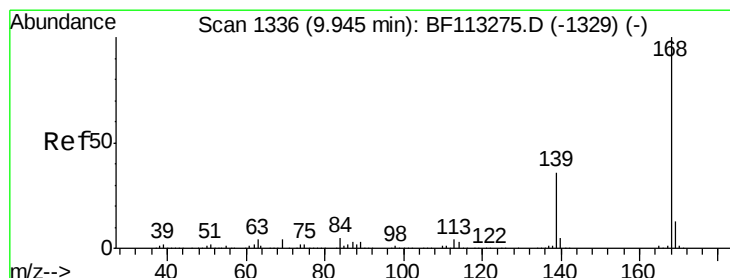
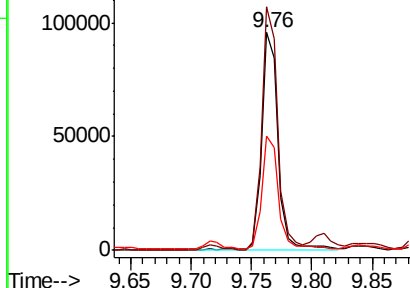
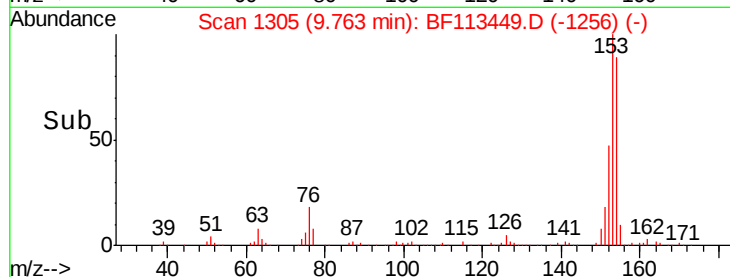
154 100

153 111.8 89.5 134.3

152 52.6 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: 4.238 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

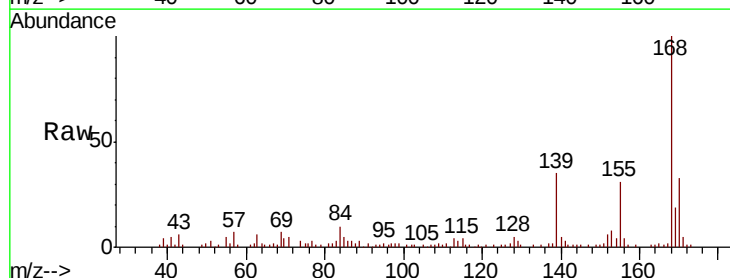
Tgt Ion:168 Resp: 68974

Ion Ratio Lower Upper

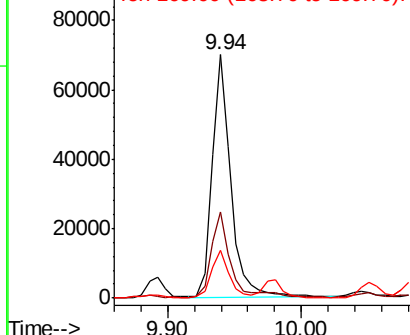
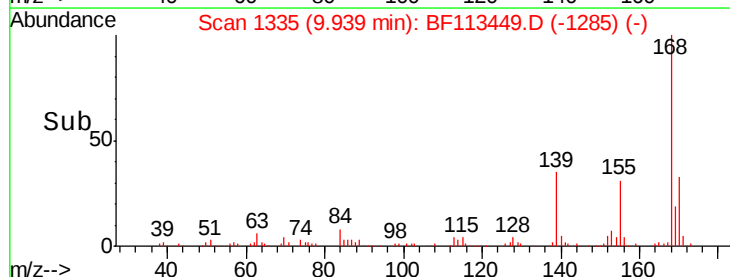
168 100

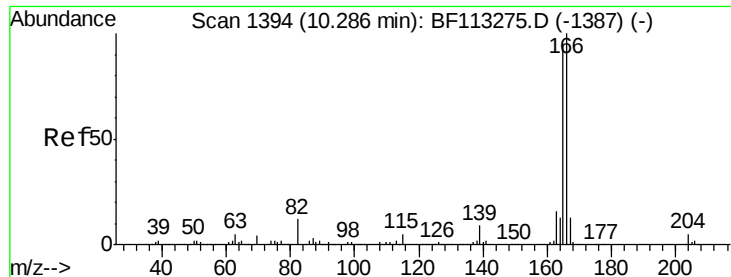
139 35.3 29.7 44.5

169 19.4 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





#58

Fluorene

Concen: 8.117 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

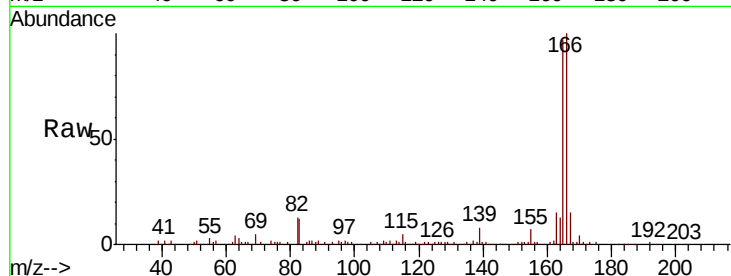
Tgt Ion:166 Resp: 102633

Ion Ratio Lower Upper

166 100

165 96.7 76.2 114.2

167 15.0 10.7 16.1

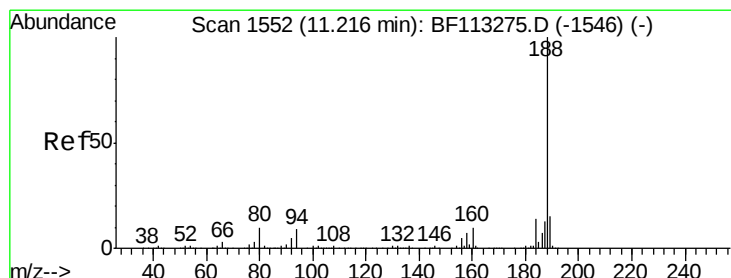
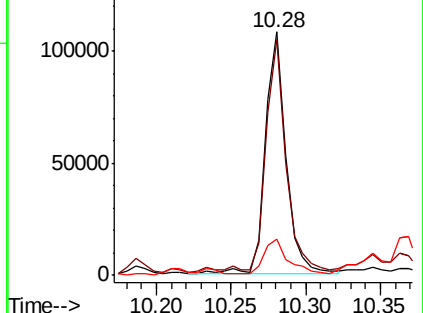
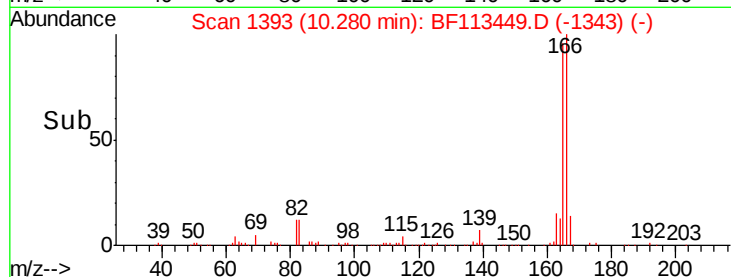


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

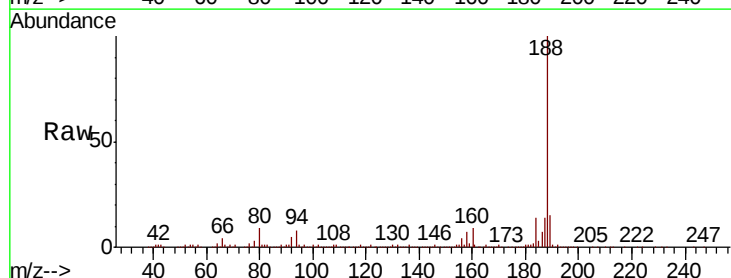
Tgt Ion:188 Resp: 351240

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 8.7 7.7 11.5

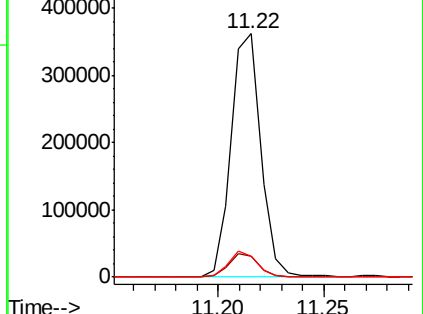
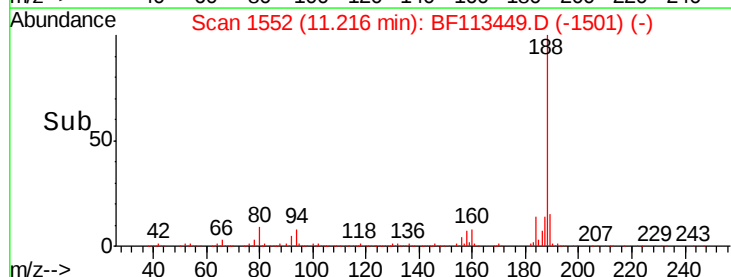


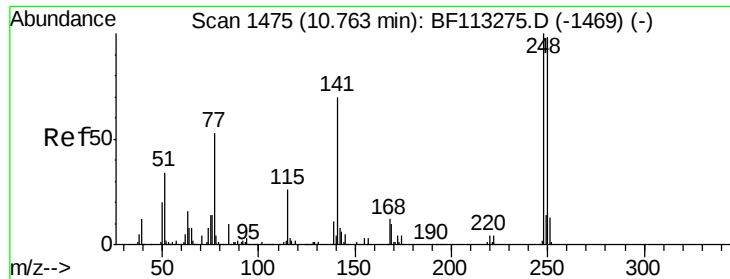
Abundance

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

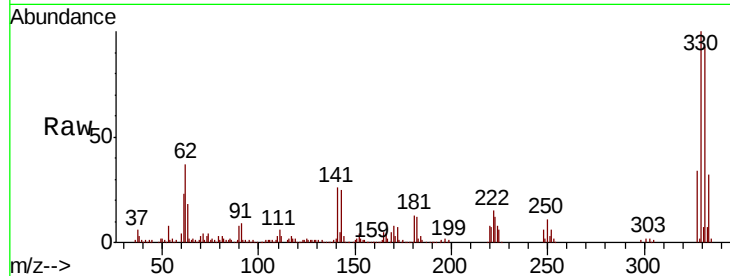




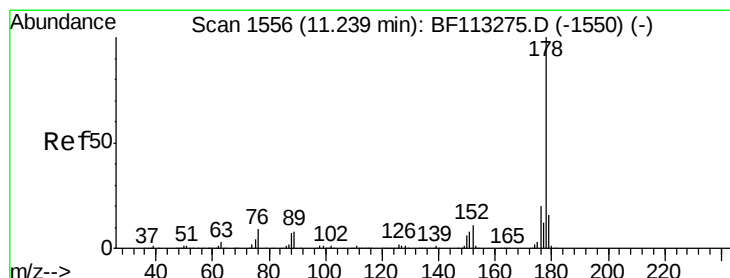
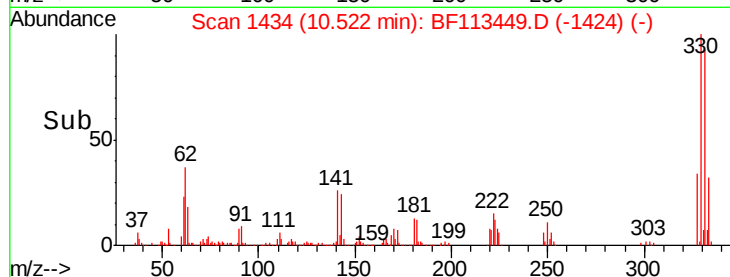
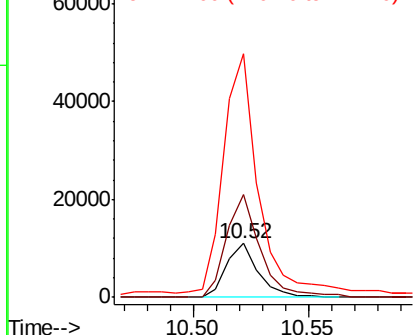
#67
 4-Bromophenyl-phenylether
 Concen: 2.786 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Tgt Ion:248 Resp: 10664
 Ion Ratio Lower Upper
 248 100
 250 190.9 78.3 117.5#
 141 451.7 56.2 84.4#

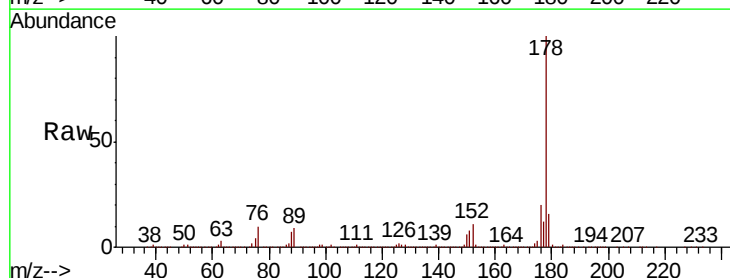


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

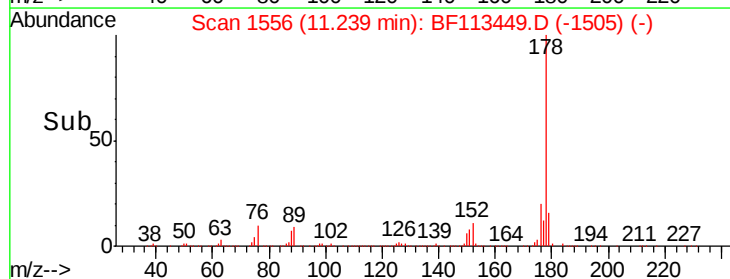
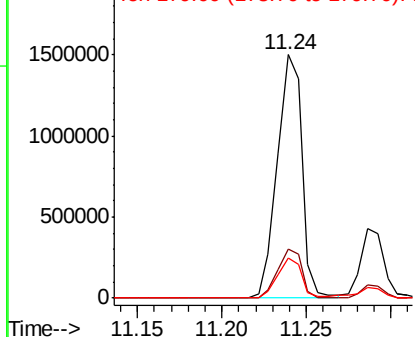


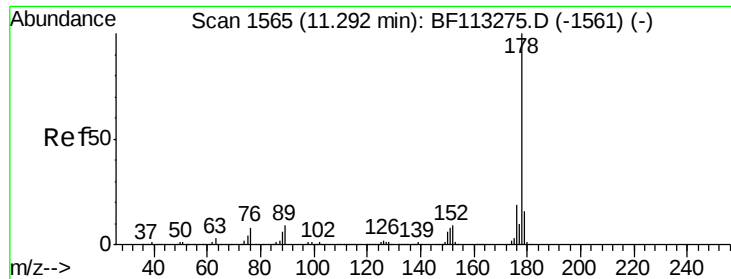
#71
 Phenanthrene
 Concen: 87.562 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Tgt Ion:178 Resp: 1527313
 Ion Ratio Lower Upper
 178 100
 176 20.2 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

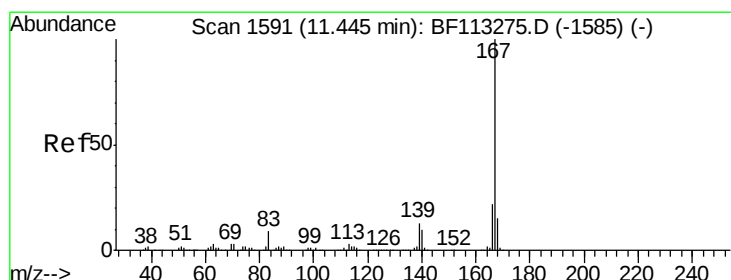
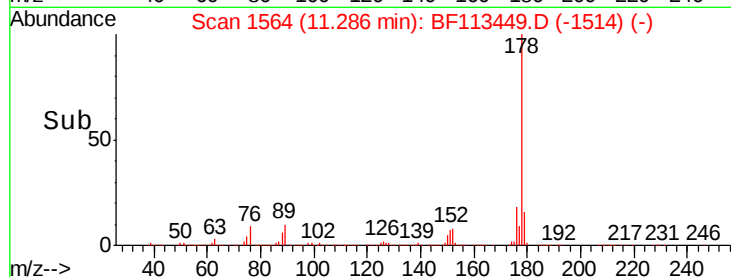
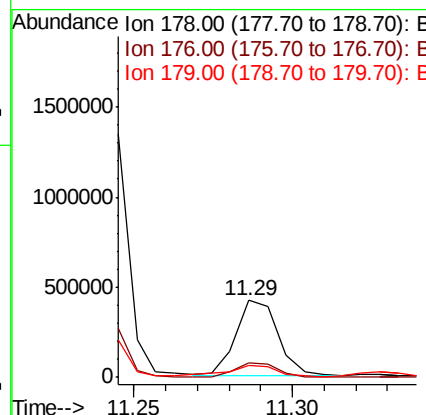
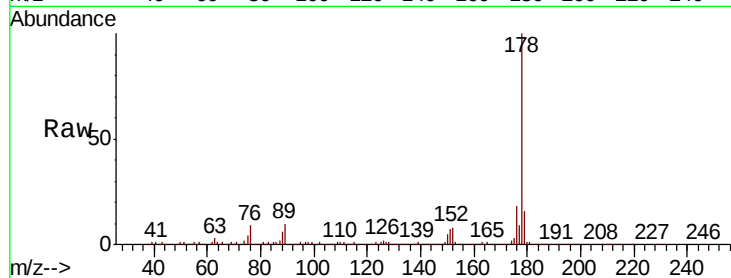




#72
 Anthracene
 Concen: 21.776 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

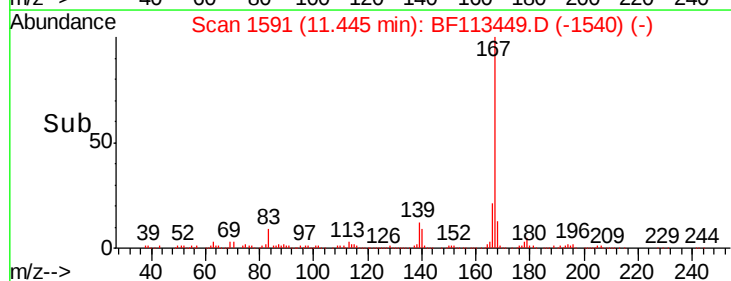
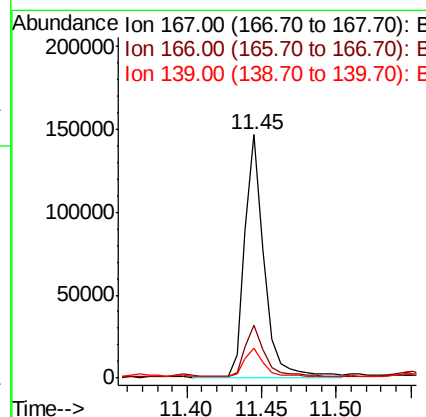
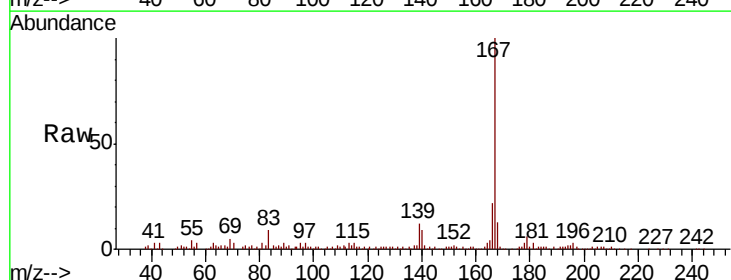
Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

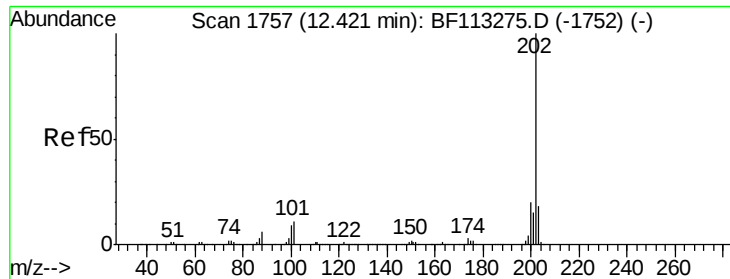
Tgt Ion:178 Resp: 385804
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 16.0 12.8 19.2



#73
 Carbazole
 Concen: 7.841 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Tgt Ion:167 Resp: 132551
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.3 10.4 15.6





#75

Fluoranthene

Concen: 109.358 ng

RT: 12.43 min Scan# 1759

Delta R.T. 0.01 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

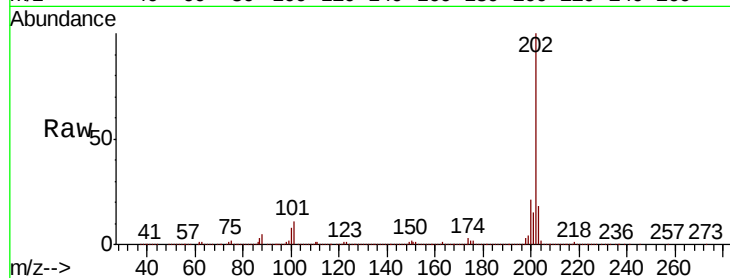
Tgt Ion:202 Resp: 2156384

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

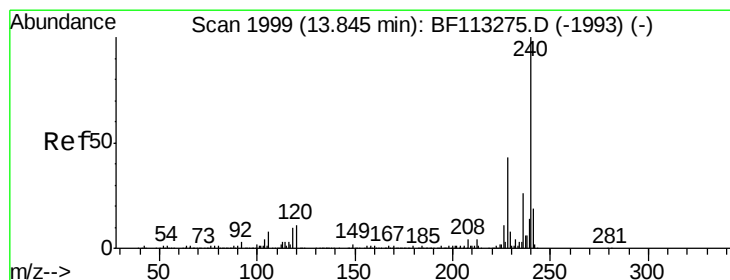
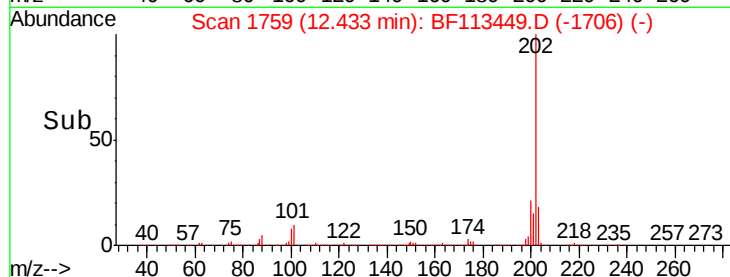
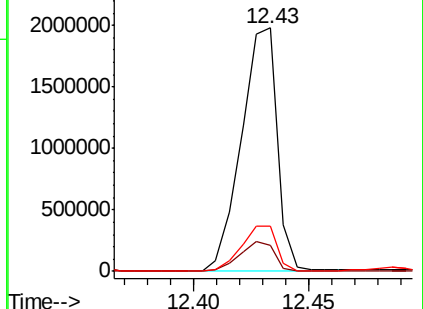
203 18.5 0.0 38.0



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: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

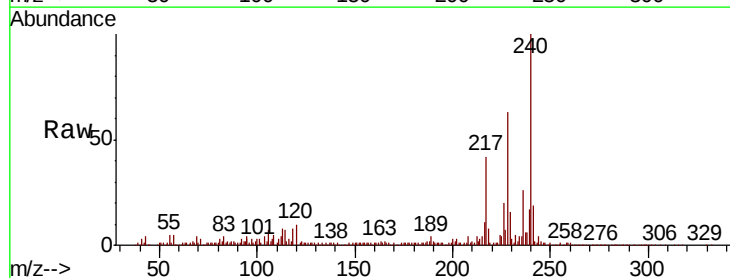
Tgt Ion:240 Resp: 310961

Ion Ratio Lower Upper

240 100

120 10.2 8.8 13.2

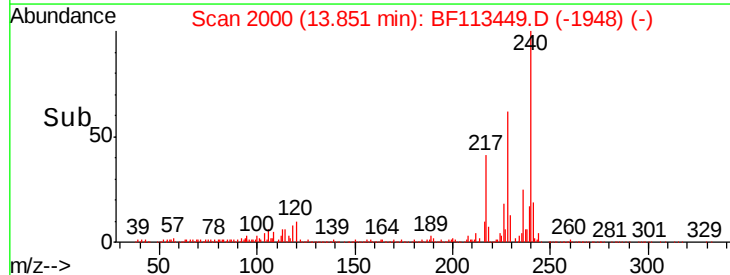
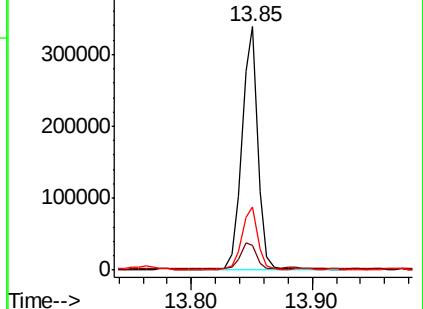
236 25.9 20.9 31.3

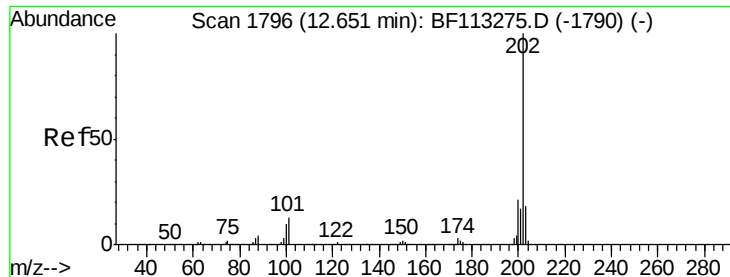


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

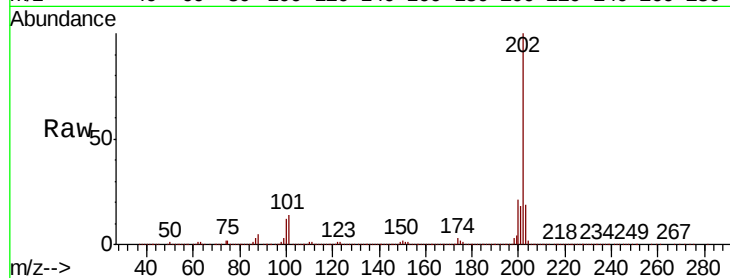




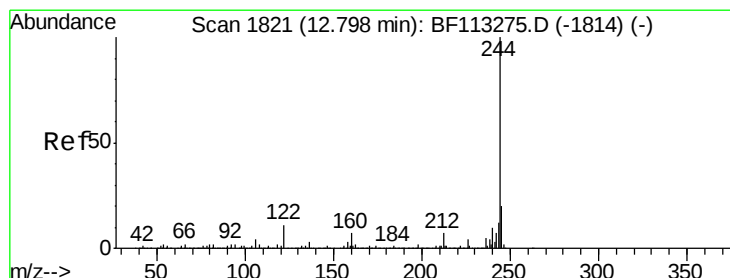
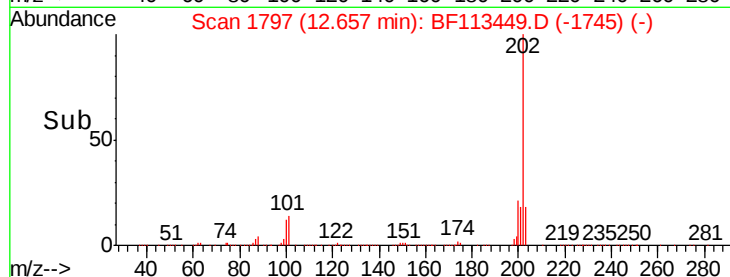
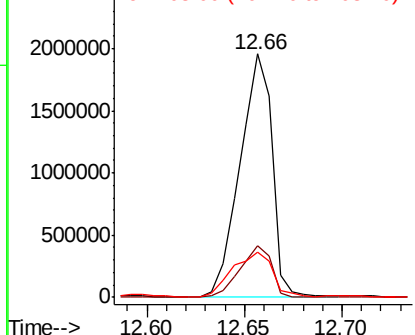
#78
 Pyrene
 Concen: 103.510 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Instrument :
 BNA_F
 ClientSampled :
 CONC-1

Tgt Ion:202 Resp: 2230482
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.8 25.2
 203 18.8 14.4 21.6

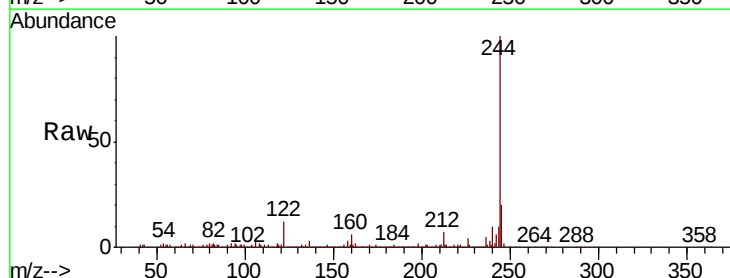


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

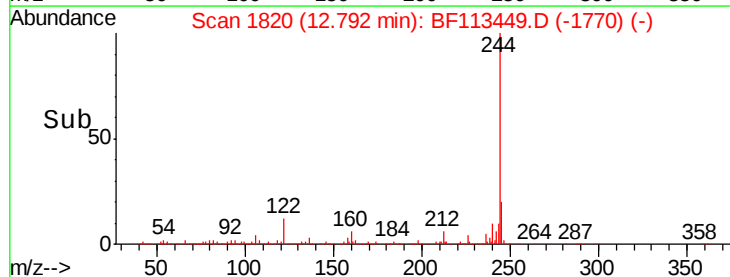
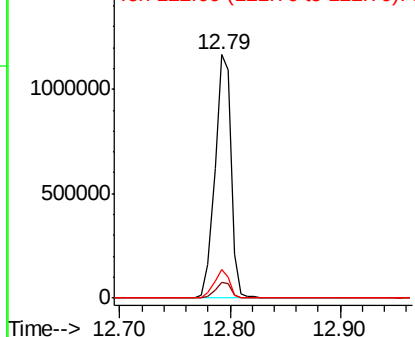


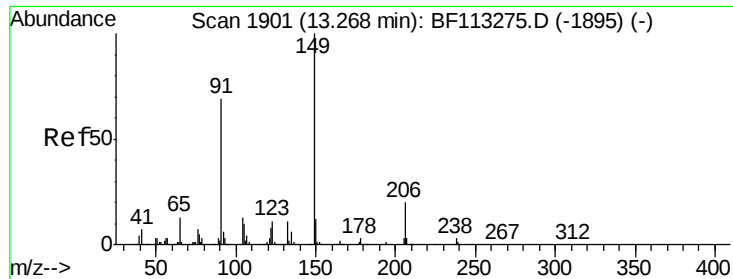
#79
 Terphenyl-d14
 Concen: 82.980 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Tgt Ion:244 Resp: 1170670
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 11.6 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

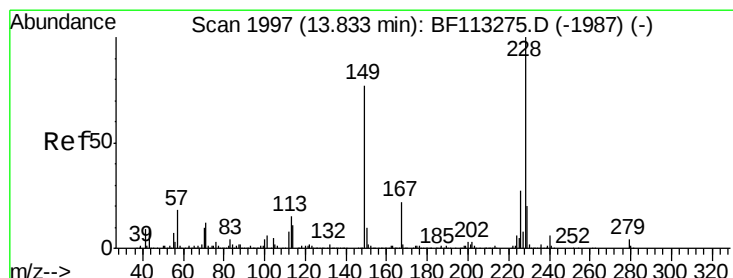
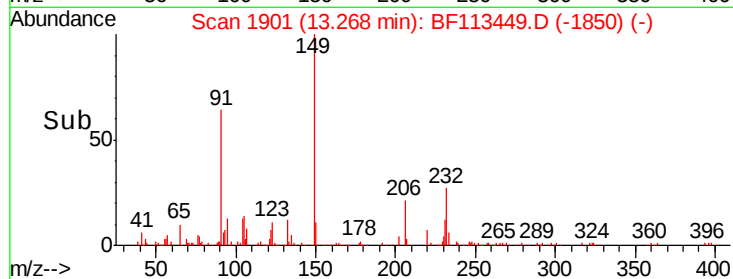
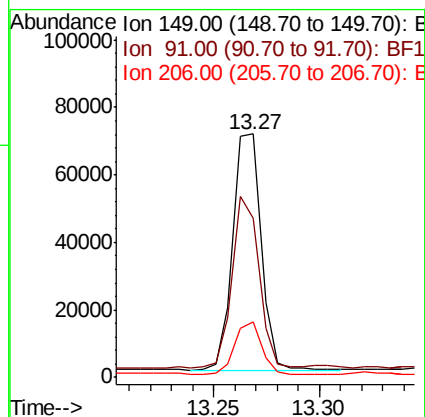
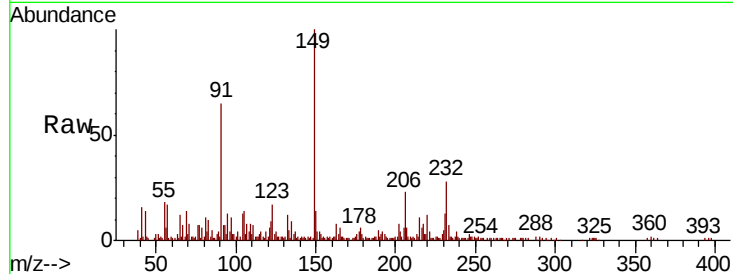




#80
Butylbenzylphthalate
Concen: 6.898 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

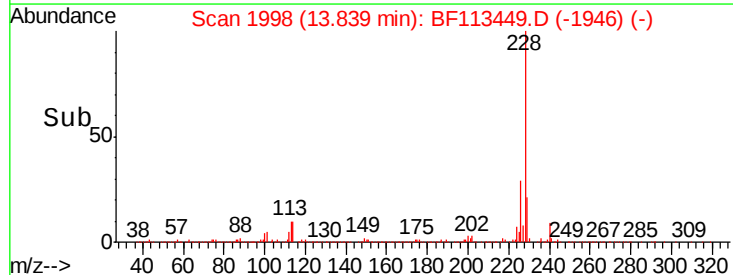
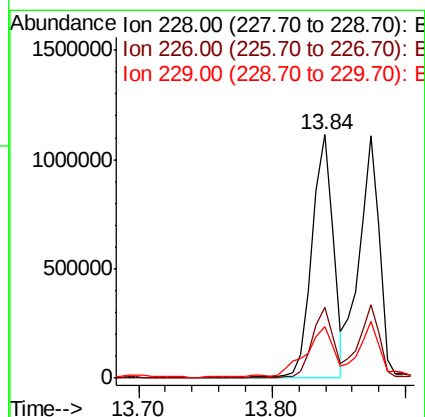
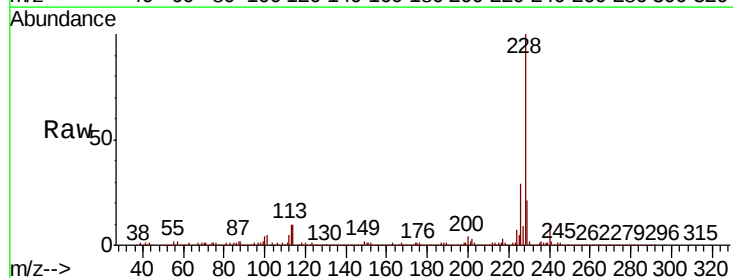
Instrument :
BNA_F
ClientSampled :
CONC-1

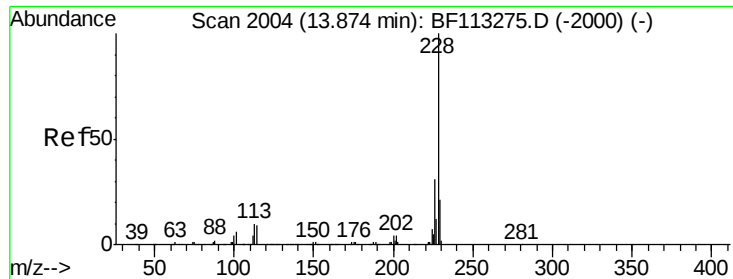
Tgt Ion:149 Resp: 65512
Ion Ratio Lower Upper
149 100
91 65.2 55.2 82.8
206 22.7 16.1 24.1



#81
Benzo(a)anthracene
Concen: 67.931 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

Tgt Ion:228 Resp: 1209159
Ion Ratio Lower Upper
228 100
226 28.9 21.8 32.8
229 21.4 16.2 24.4

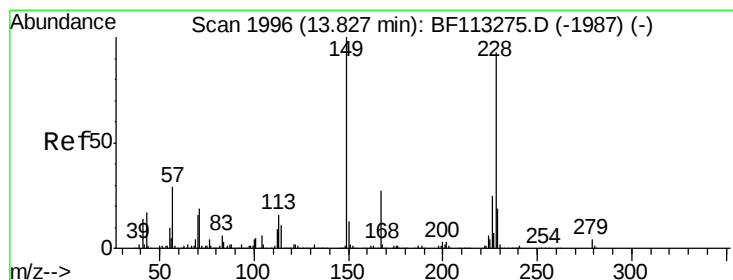
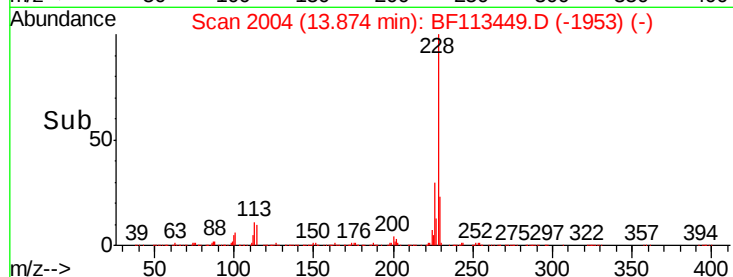
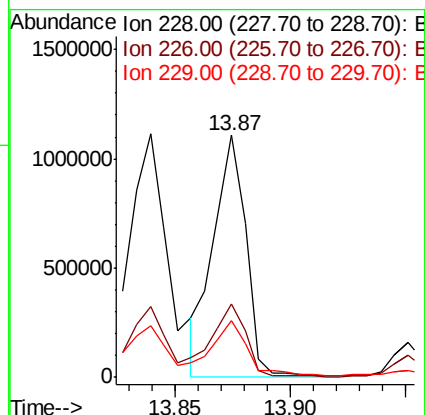
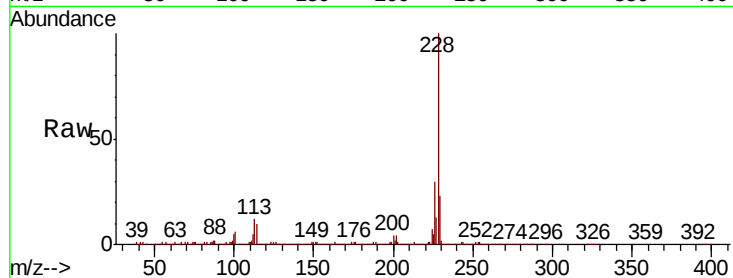




#83
 Chrysene
 Concen: 59.690 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

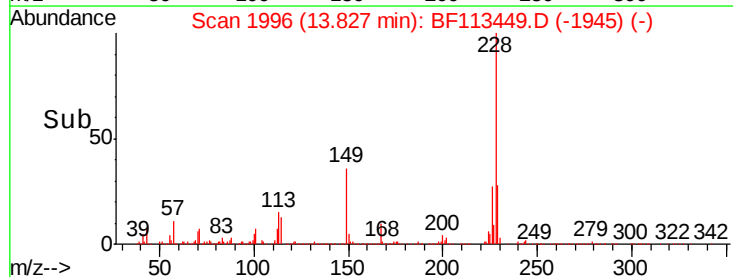
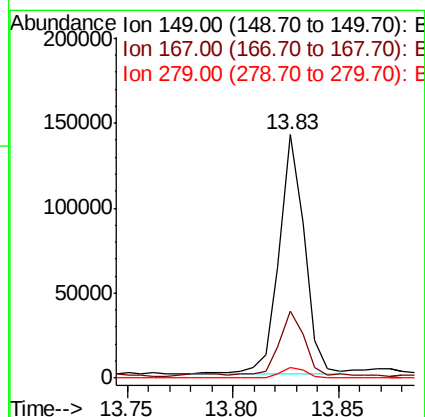
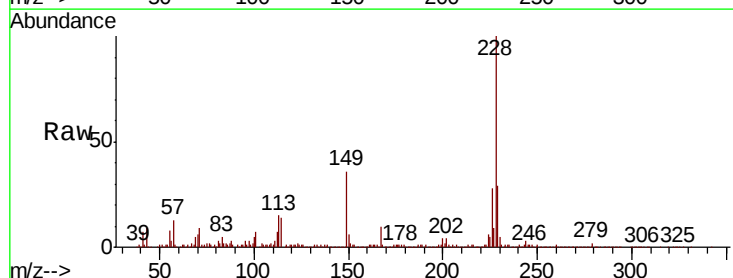
Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

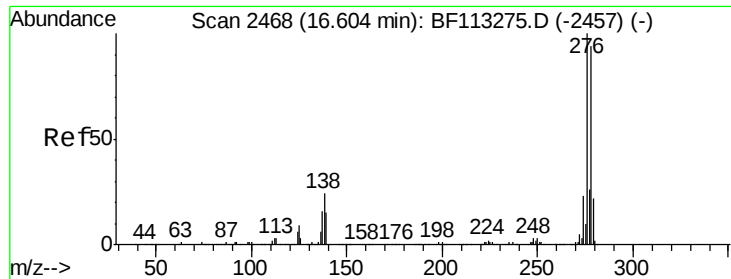
Tgt Ion: 228 Resp: 1079183
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 23.2 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.002 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Tgt Ion: 149 Resp: 116444
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 4.2 2.9 4.3

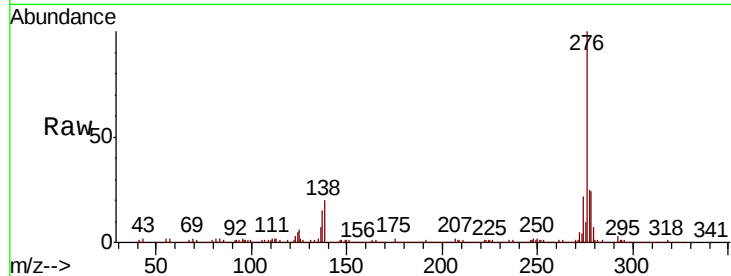




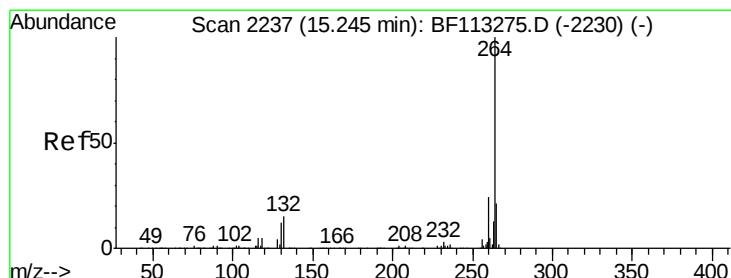
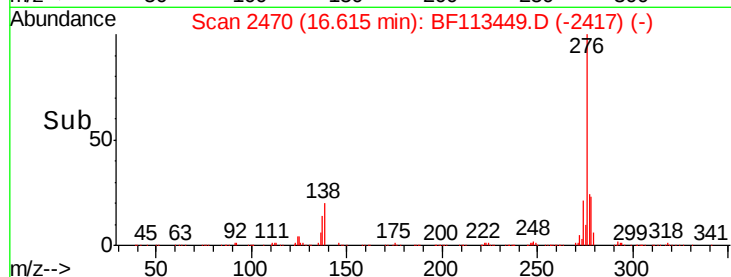
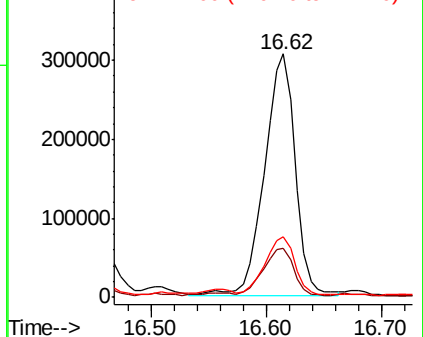
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.778 ng
 RT: 16.62 min Scan# 2470
 Delta R.T. 0.01 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Tgt Ion: 276 Resp: 570671
 Ion Ratio Lower Upper
 276 100
 138 19.5 18.1 27.1
 277 23.1 20.2 30.4

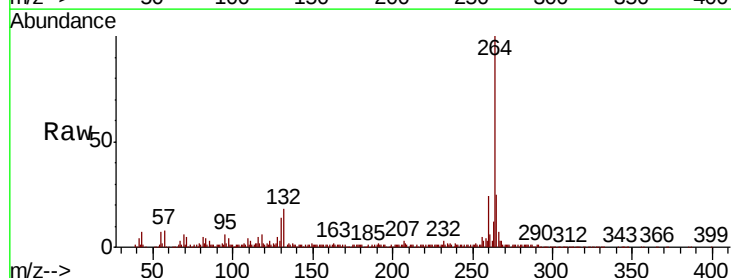


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

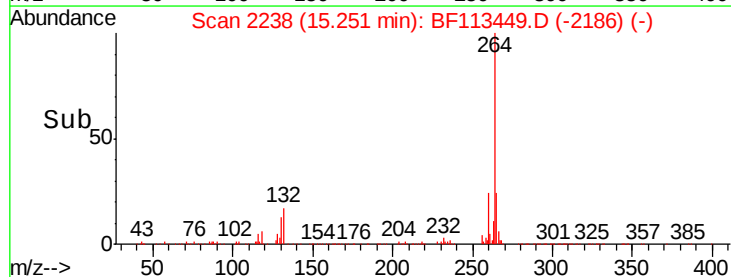
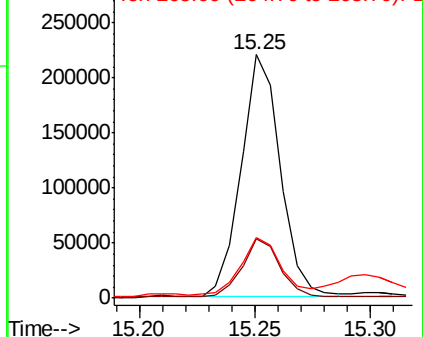


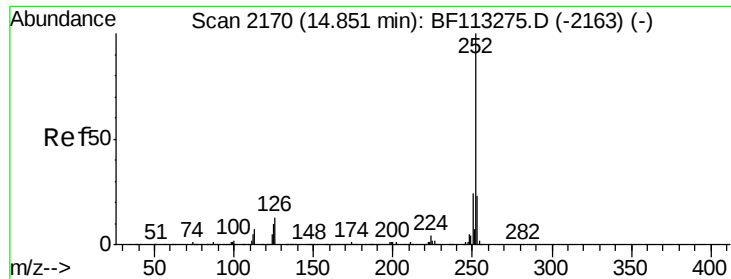
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.01 min
 Lab File: BF113449.D
 Acq: 30 Mar 2019 9:13

Tgt Ion: 264 Resp: 261030
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 25.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

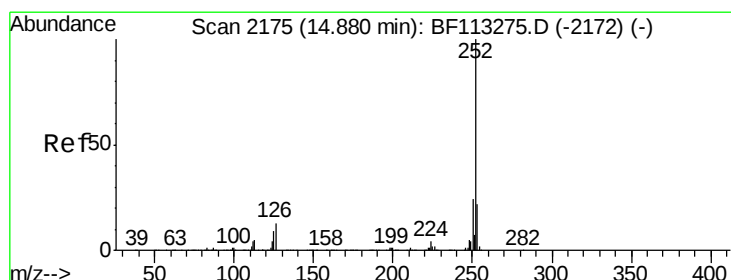
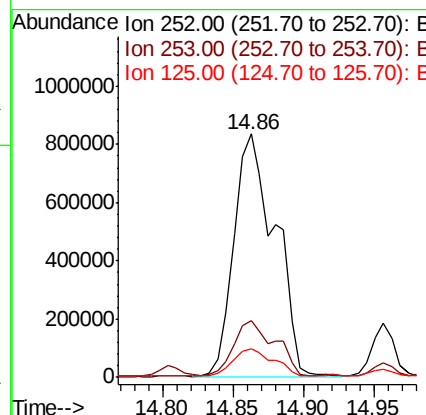
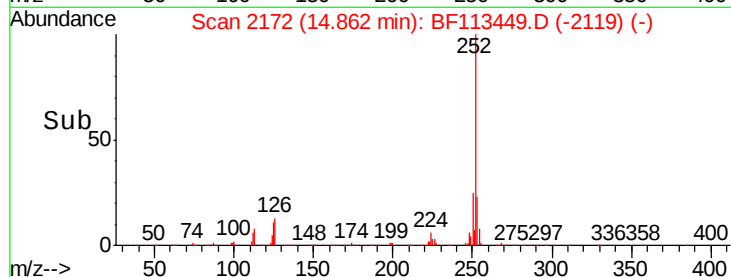
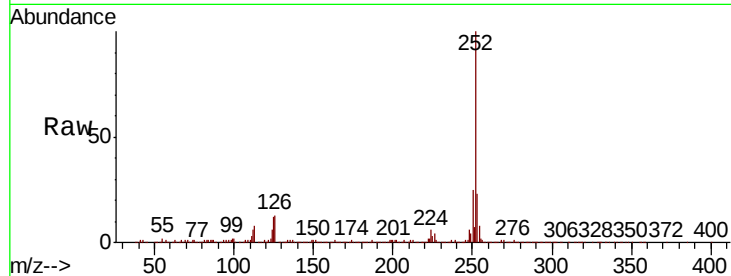




#88
Benzo(b)fluoranthene
Concen: 104.656 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

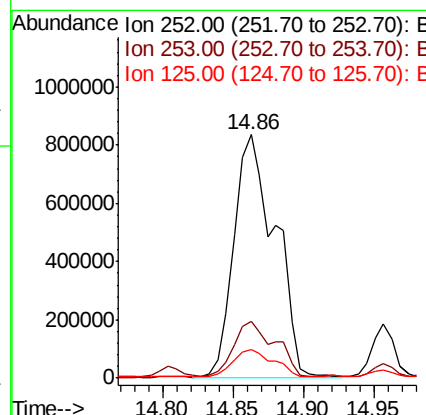
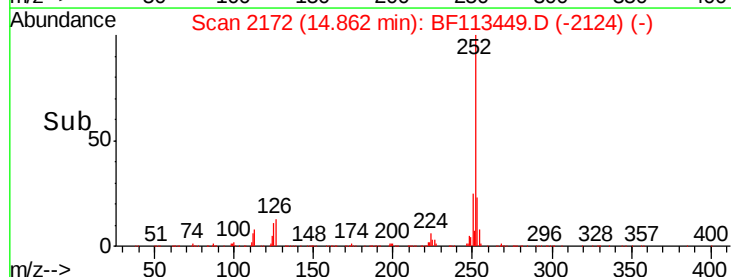
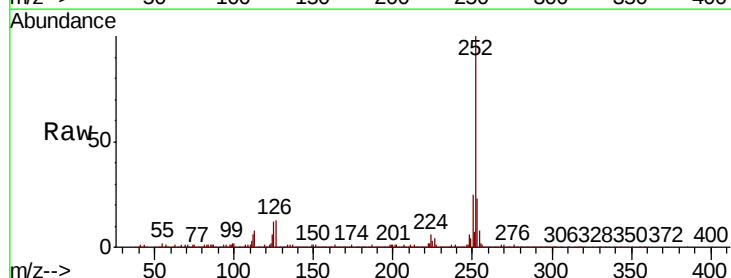
Instrument :
BNA_F
ClientSampleId :
CONC-1

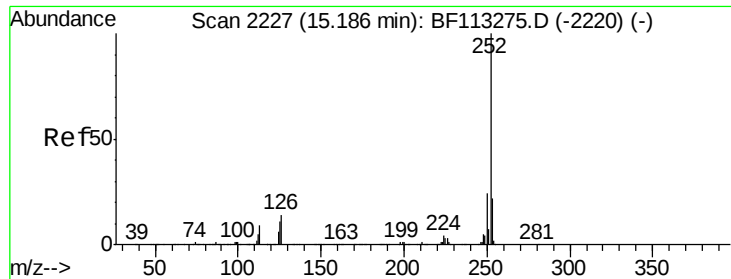
Tgt Ion:252 Resp: 1697002
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 11.8 7.6 11.4#



#89
Benzo(k)fluoranthene
Concen: 119.173 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113449.D
Acq: 30 Mar 2019 9:13

Tgt Ion:252 Resp: 1697002
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 11.8 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 63.687 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

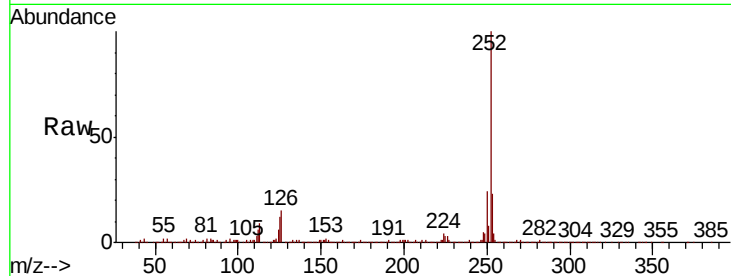
Tgt Ion:252 Resp: 915521

Ion Ratio Lower Upper

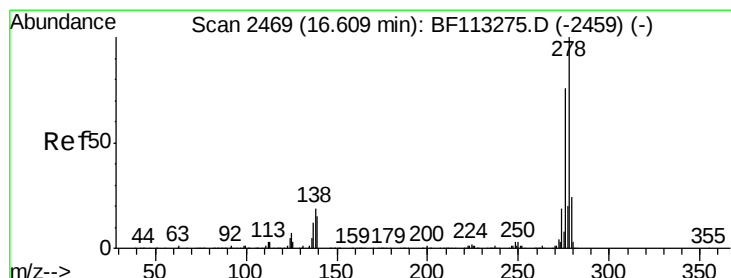
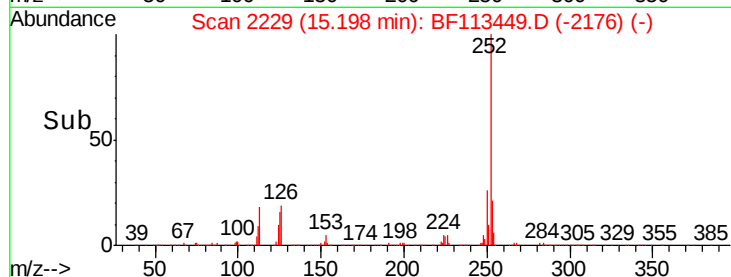
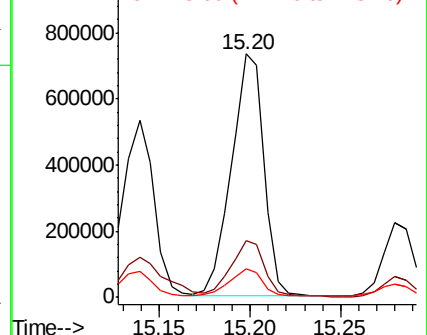
252 100

253 23.3 17.9 26.9

125 11.8 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 8.817 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.16 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

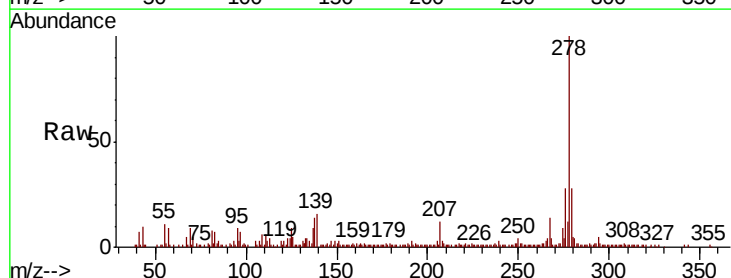
Tgt Ion:278 Resp: 109594

Ion Ratio Lower Upper

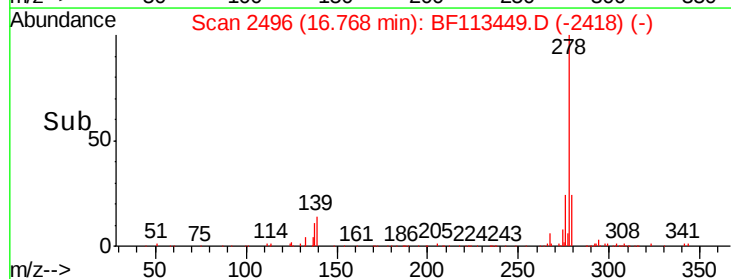
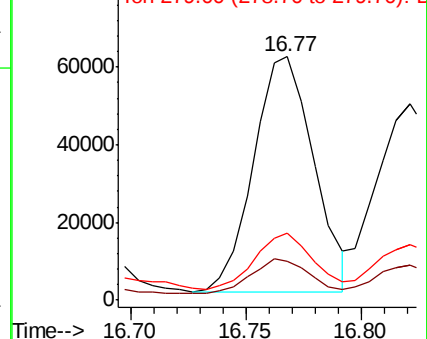
278 100

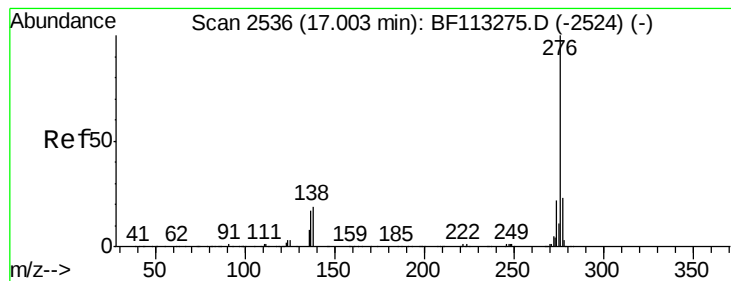
139 16.1 12.0 18.0

279 27.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 44.558 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF113449.D

Acq: 30 Mar 2019 9:13

Instrument :

BNA_F

ClientSampleId :

CONC-1

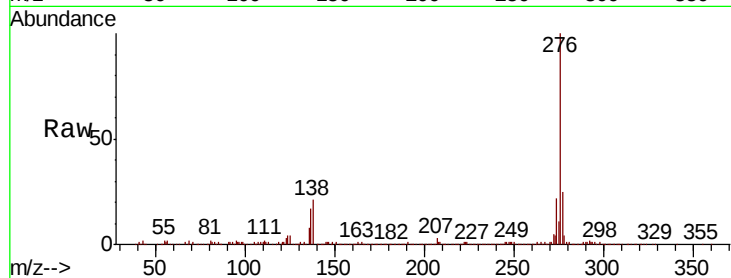
Tgt Ion: 276 Resp: 558433

Ion Ratio Lower Upper

276 100

277 24.9 18.8 28.2

138 20.8 15.6 23.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

