

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113454.D
 Acq On : 30 Mar 2019 11:35
 Operator : JU/SJ
 Sample : K2153-15
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-8

Quant Time: Apr 01 04:13:53 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	148691	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	528852	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	249260	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	466602	20.00	ng	0.00
76) Chrysene-d12	13.86	240	326682	20.00	ng	0.02
87) Perylene-d12	15.27	264	289141	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1340884	147.45	ng	0.01
7) Phenol-d6	6.36	99	1746452	151.81	ng	0.00
23) Nitrobenzene-d5	7.27	82	1061462	119.13	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	464994	151.02	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1888139	127.56	ng	0.00
79) Terphenyl-d14	12.81	244	1909345	128.83	ng	0.01

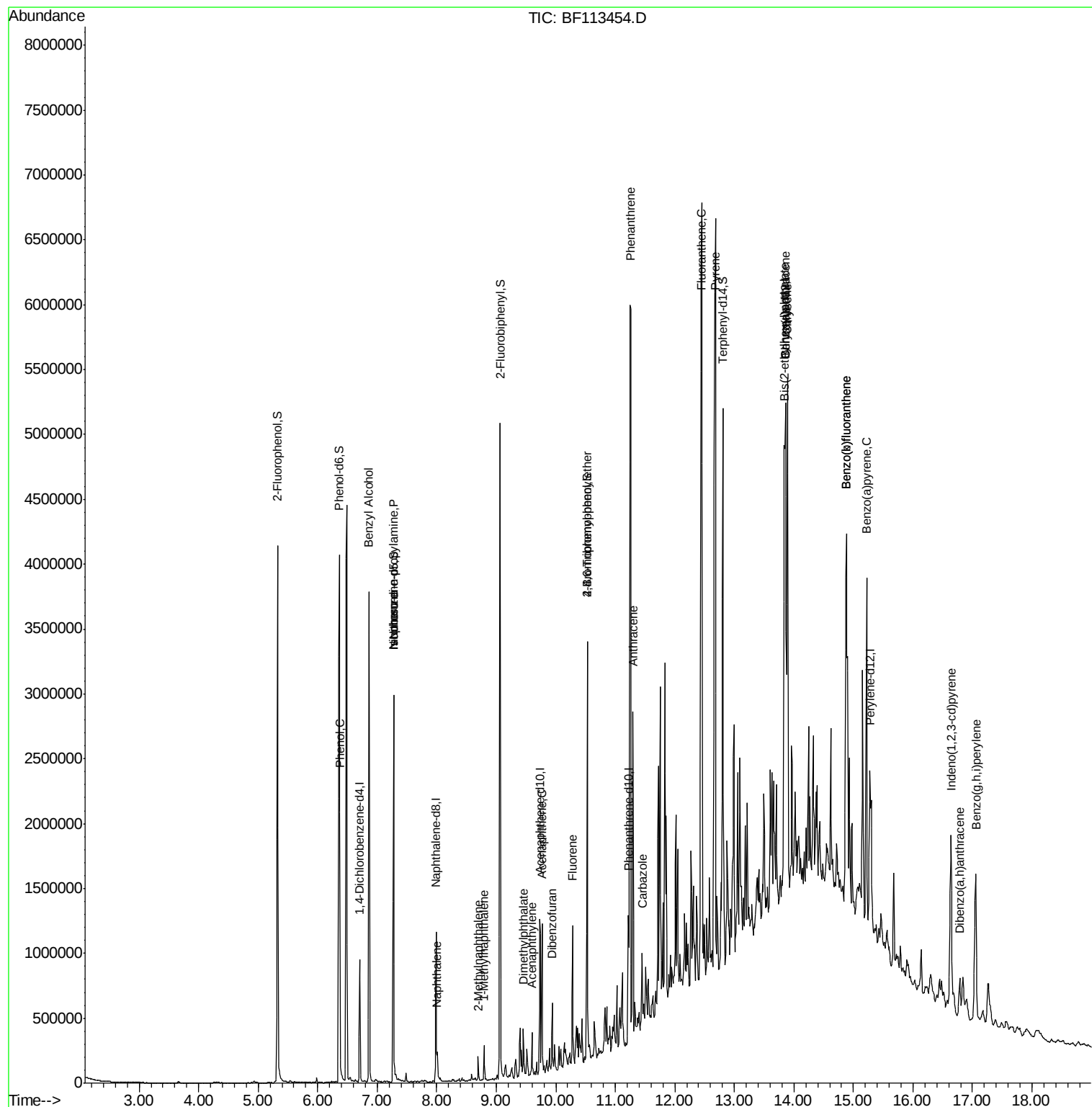
Target Compounds				Qvalue		
10) Phenol	6.37	94	42341	3.224	ng	# 70
15) Benzyl Alcohol	6.86	79	16885	2.225	ng	# 48
19) n-Nitroso-di-n-propylamine	7.27	70	140022	19.377	ng	# 76
20) 3+4-Methylphenols	7.17	107	2476	Below Cal		# 87
25) Isophorone	7.27	82	1057758	61.257	ng	# 64
31) Naphthalene	8.01	128	88865	3.439	ng	99
37) 2-Methylnaphthalene	8.70	142	53242	3.302	ng	98
38) 1-Methylnaphthalene	8.80	142	71518	4.611	ng	97
49) Acenaphthylene	9.60	152	85886	3.314	ng	# 97
50) Dimethylphthalate	9.46	163	136202	7.373	ng	100
52) Acenaphthene	9.77	154	225267	15.434	ng	99
55) Dibenzofuran	9.94	168	142302	6.485	ng	# 96
58) Fluorene	10.28	166	275739	16.177	ng	99
67) 4-Bromophenyl-phenylether	10.53	248	26815	5.273	ng	# 1
71) Phenanthrene	11.26	178	3018410	130.264	ng	98
72) Anthracene	11.30	178	928533	39.451	ng	100
73) Carbazole	11.45	167	236159	10.515	ng	99
75) Fluoranthene	12.45	202	4044635	154.405	ng	97
78) Pyrene	12.68	202	4056535	179.192	ng	95
81) Benzo(a)anthracene	13.85	228	2218261	118.625	ng	96
83) Chrysene	13.89	228	2017218	106.204	ng	95
84) Bis(2-ethylhexyl)phthalate	13.84	149	572949	46.846	ng	# 98
86) Indeno(1,2,3-cd)pyrene	16.64	276	980317	60.139	ng	95
88) Benzo(b)fluoranthene	14.88	252	2753525	153.303	ng	# 96
89) Benzo(k)fluoranthene	14.88	252	2753525	174.568	ng	# 95
90) Benzo(a)pyrene	15.22	252	1546154	97.099	ng	97
91) Dibenzo(a,h)anthracene	16.79	278	210673	15.301	ng	94
92) Benzo(g,h,i)perylene	17.06	276	983289	70.830	ng	97

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

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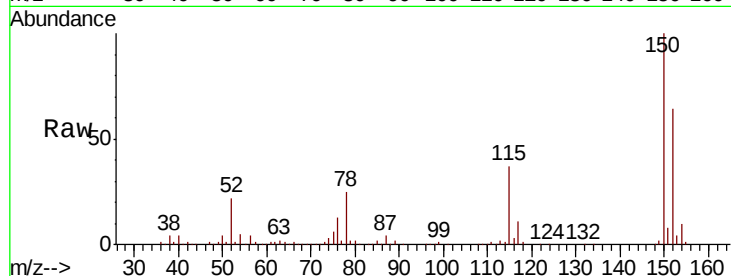




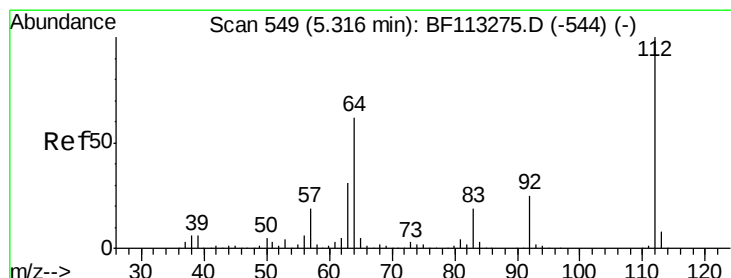
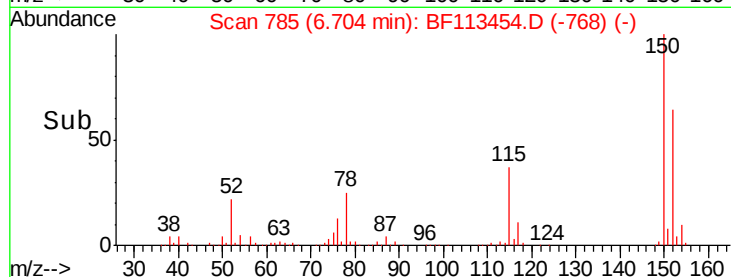
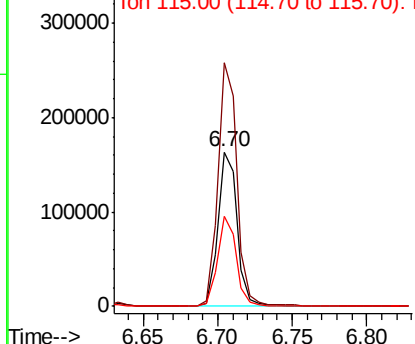
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 CONC-8

Tgt Ion:152 Resp: 148691
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.7 187.1
 115 58.2 46.0 69.0

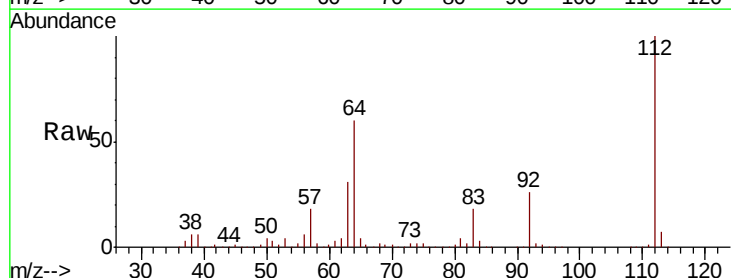


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

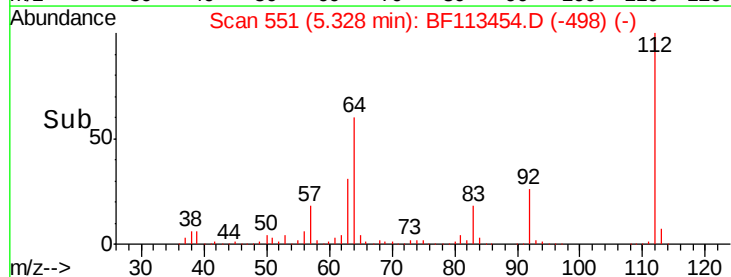
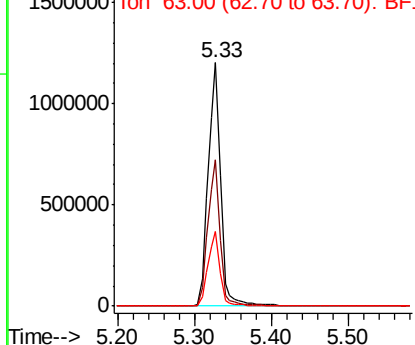


#5
 2-Fluorophenol
 Concen: 147.454 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Tgt Ion:112 Resp: 1340884
 Ion Ratio Lower Upper
 112 100
 64 60.0 49.2 73.8
 63 30.6 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: 151.814 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

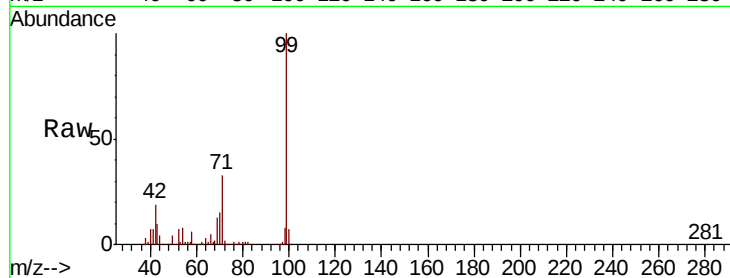
Tgt Ion: 99 Resp: 1746452

Ion Ratio Lower Upper

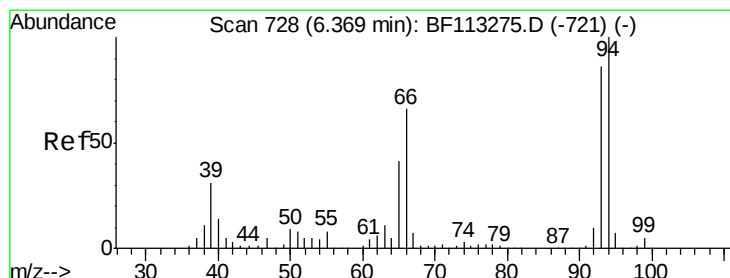
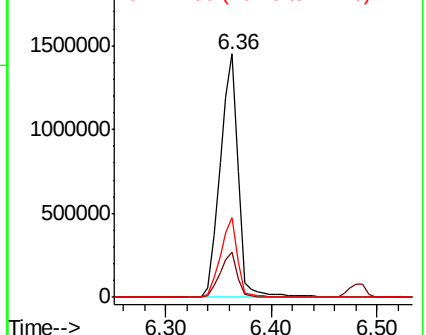
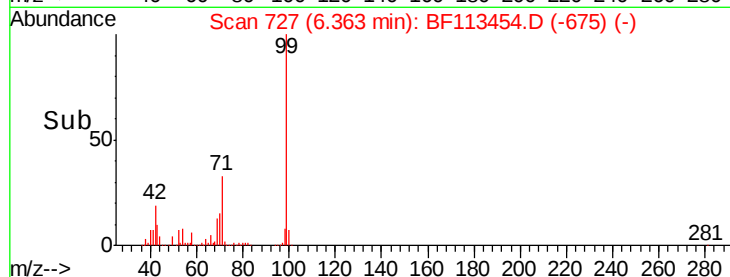
99 100

42 18.5 14.8 22.2

71 32.7 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



#10

Phenol

Concen: 3.224 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

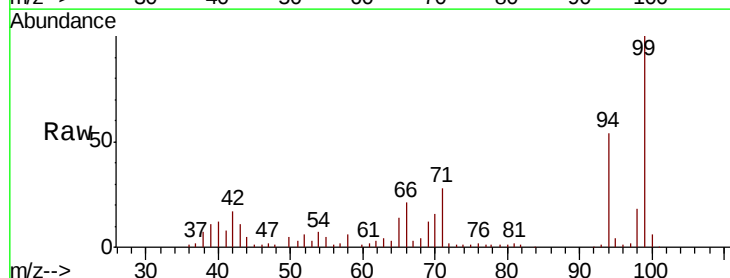
Tgt Ion: 94 Resp: 42341

Ion Ratio Lower Upper

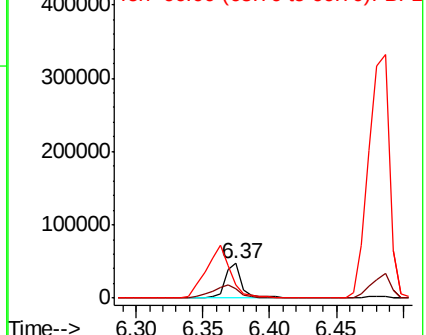
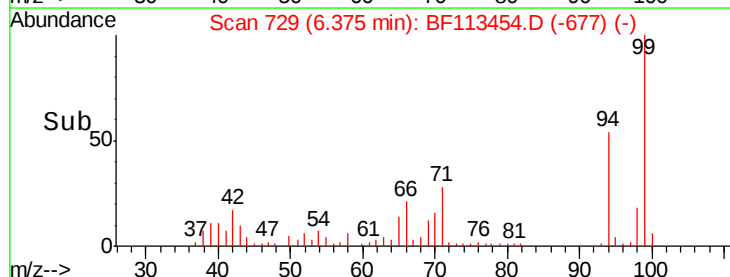
94 100

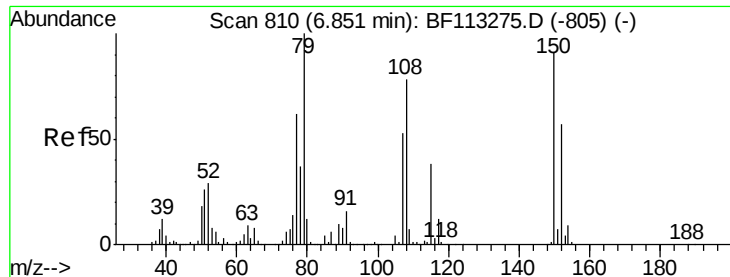
65 26.2 21.4 61.4

66 39.6 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





#15

Benzyl Alcohol

Concen: 2.225 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

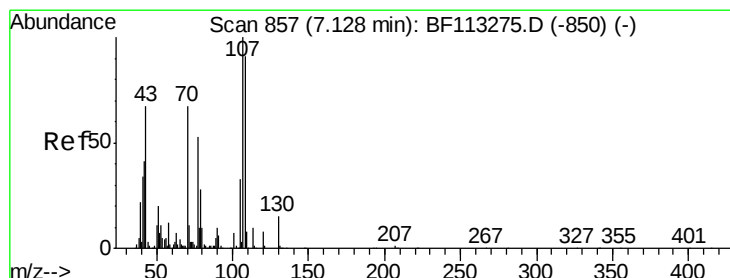
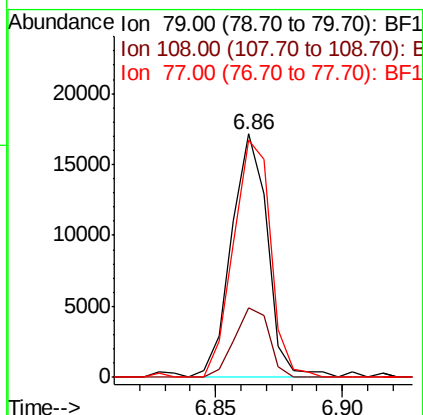
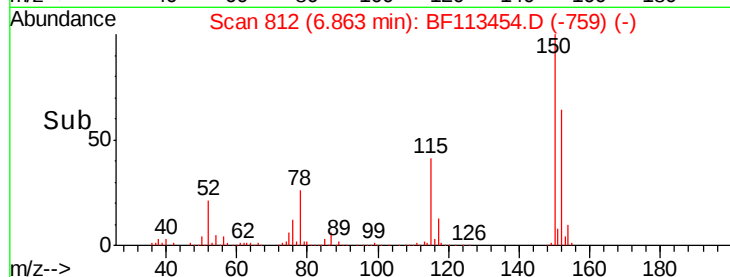
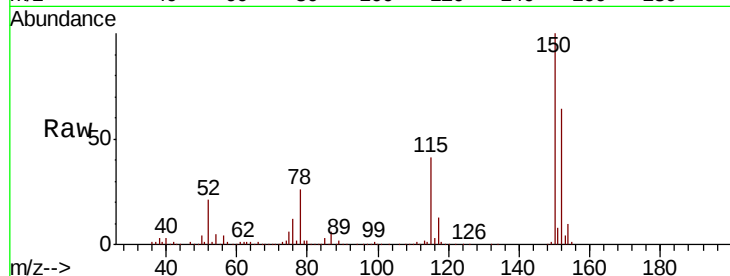
Tgt Ion: 79 Resp: 16885

Ion Ratio Lower Upper

79 100

108 28.4 62.0 93.0#

77 97.4 49.9 74.9#



#19

n-Nitroso-di-n-propylamine

Concen: 19.377 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Tgt Ion: 70 Resp: 140022

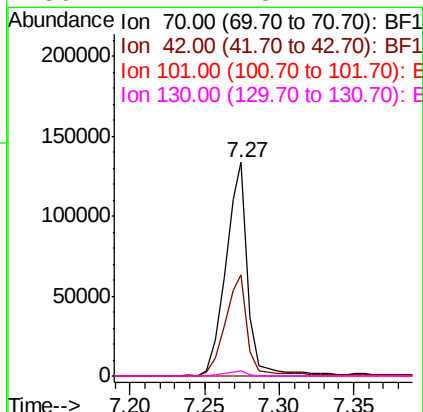
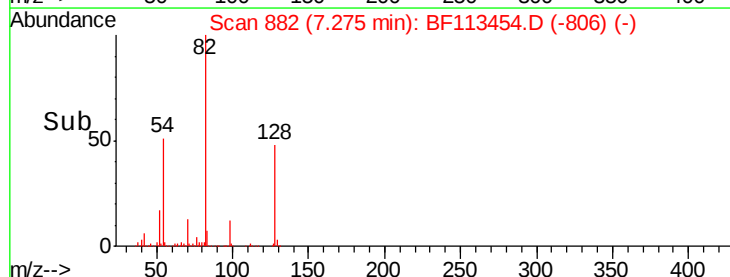
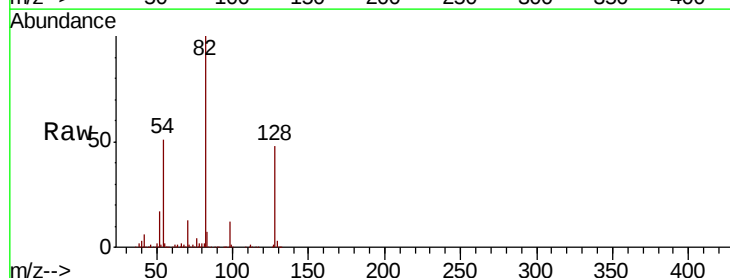
Ion Ratio Lower Upper

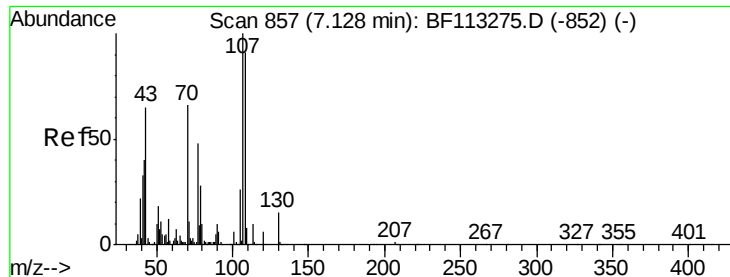
70 100

42 47.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

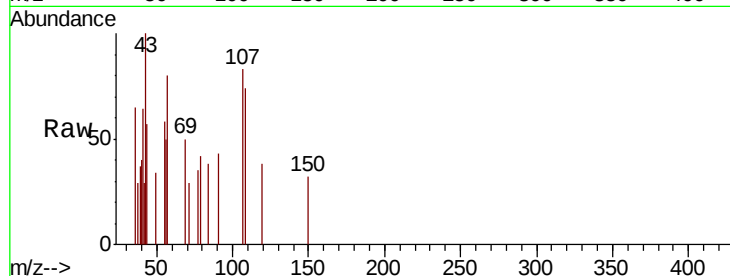




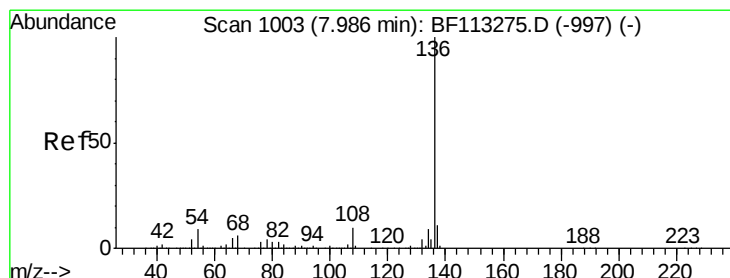
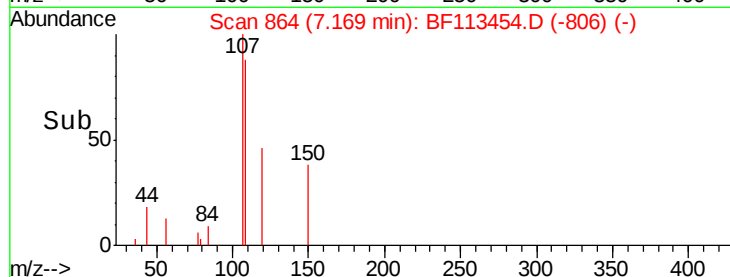
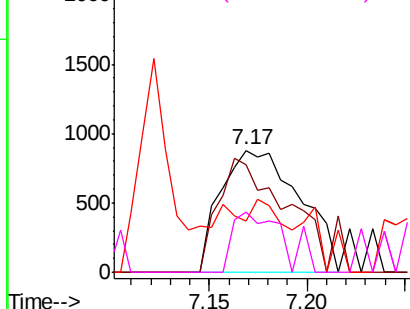
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.17 min Scan# 864
Delta R.T. 0.04 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Instrument :
BNA_F
ClientSampleId :
CONC-8

Tgt Ion:107 Resp: 2476
Ion Ratio Lower Upper
107 100
108 88.1 71.4 111.4
77 42.0 33.5 73.5
79 49.8 8.3 48.3#



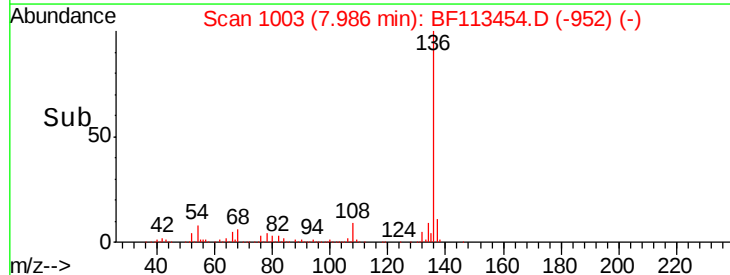
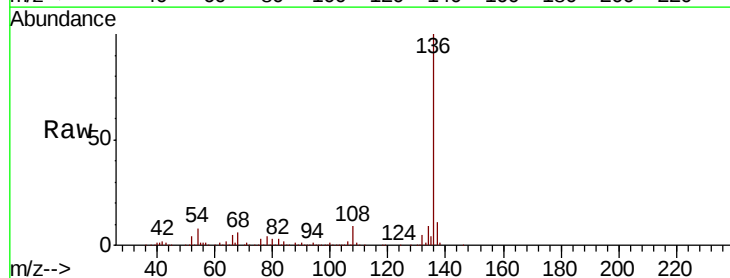
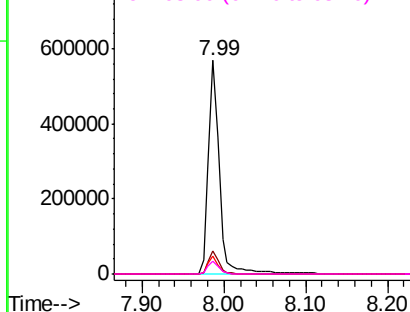
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

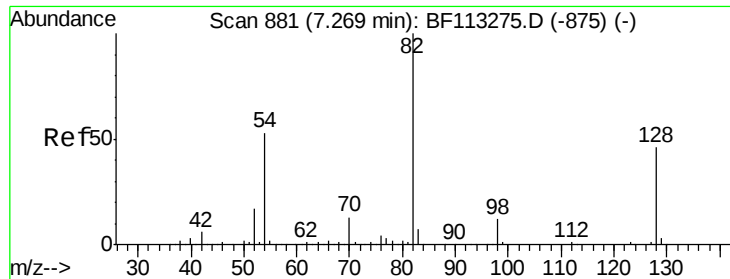


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Tgt Ion:136 Resp: 528852
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 7.0 10.6
68 6.3 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

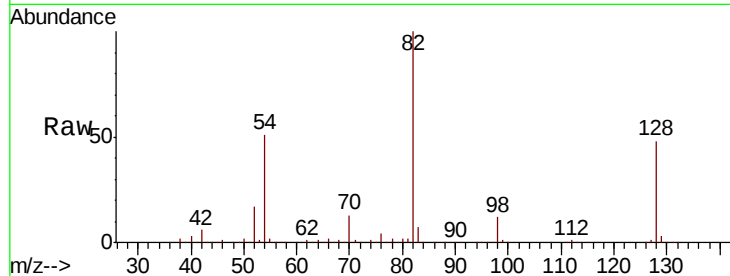




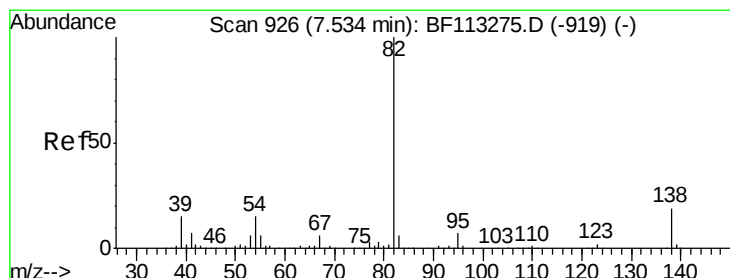
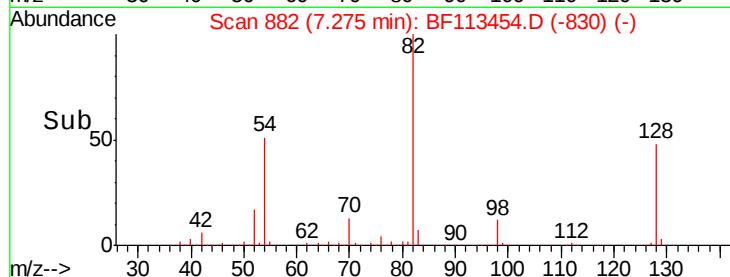
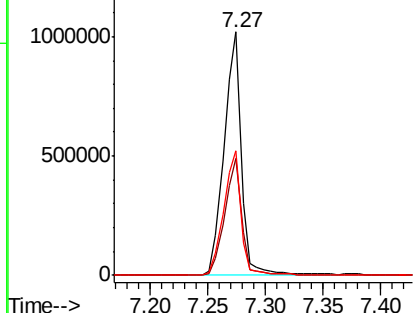
#23
Nitrobenzene-d5
Concen: 119.130 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Instrument :
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ClientSampleId :
CONC-8

Tgt Ion: 82 Resp: 1061462
Ion Ratio Lower Upper
82 100
128 47.8 36.5 54.7
54 51.2 42.2 63.2

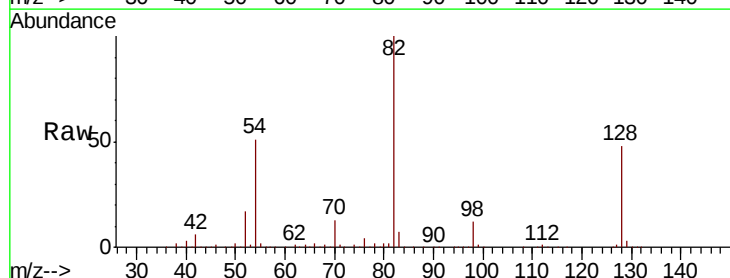


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

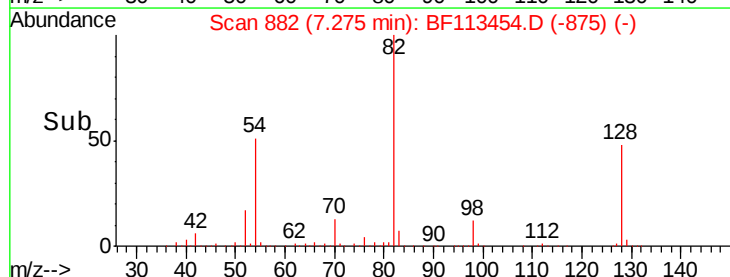
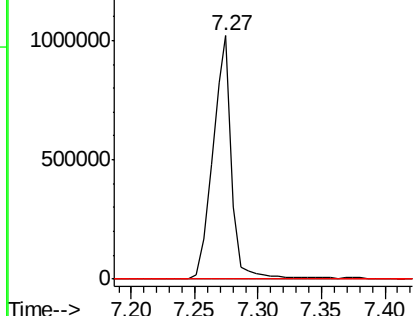


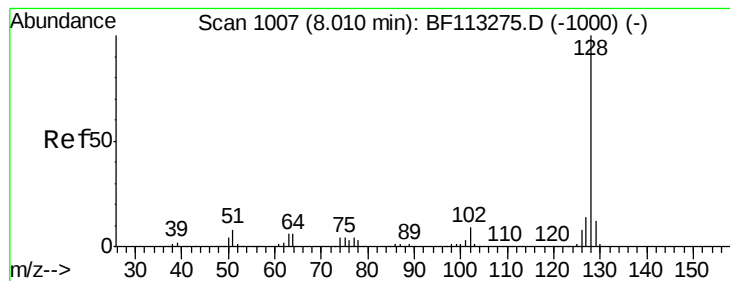
#25
Isophorone
Concen: 61.257 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Tgt Ion: 82 Resp: 1057758
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: 3.439 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

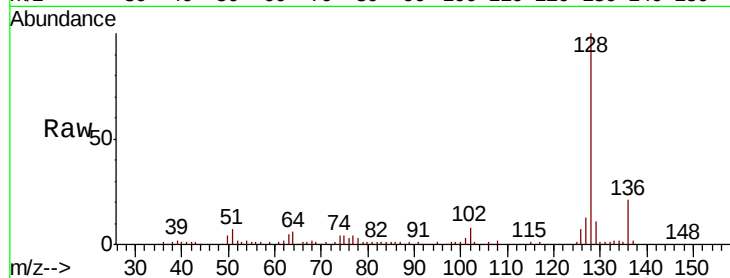
Tgt Ion:128 Resp: 88865

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

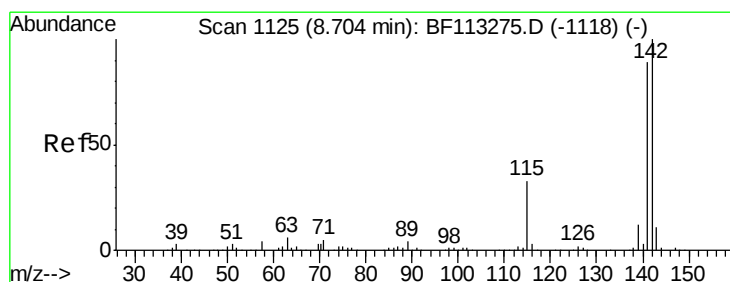
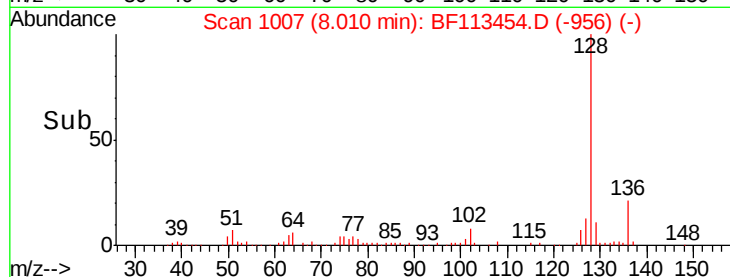
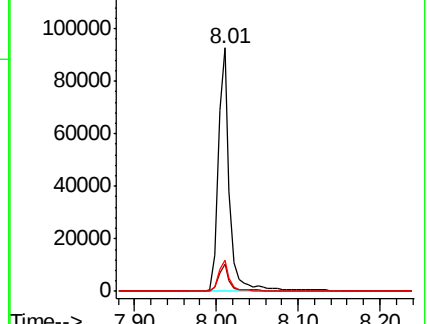
127 12.7 10.9 16.3



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: 3.302 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

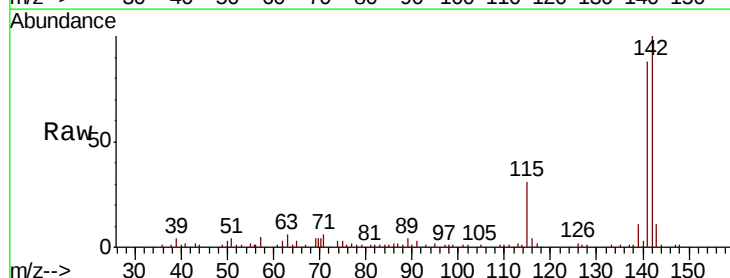
Tgt Ion:142 Resp: 53242

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

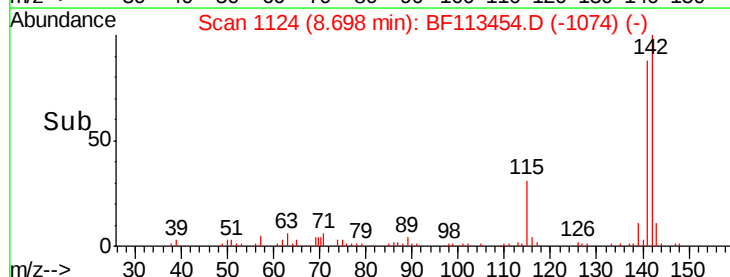
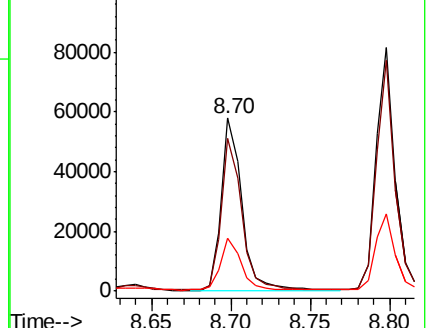
115 30.9 26.6 39.8

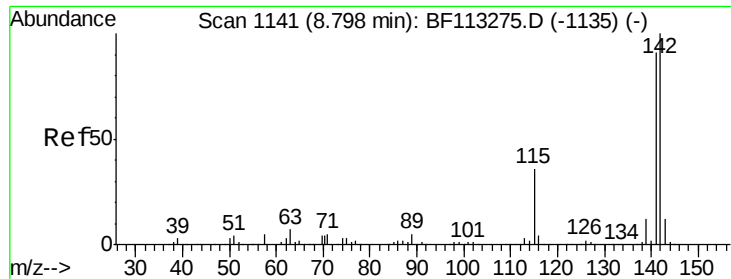


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

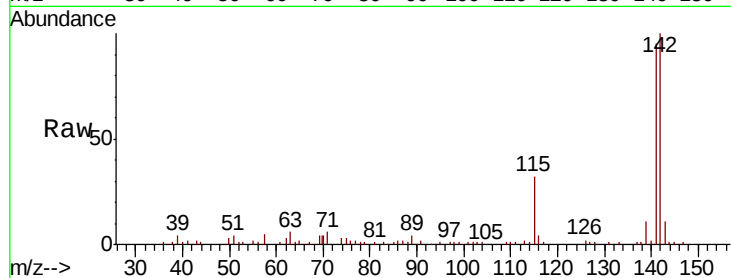




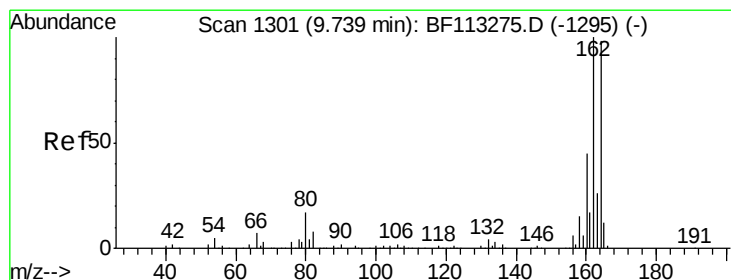
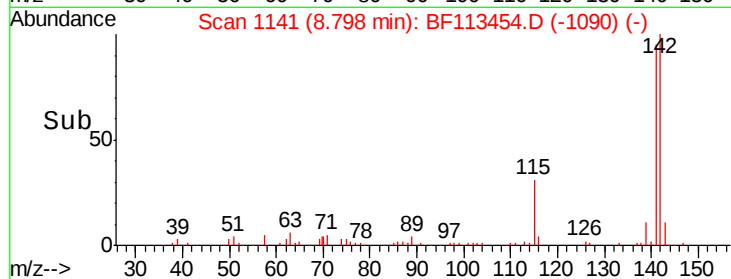
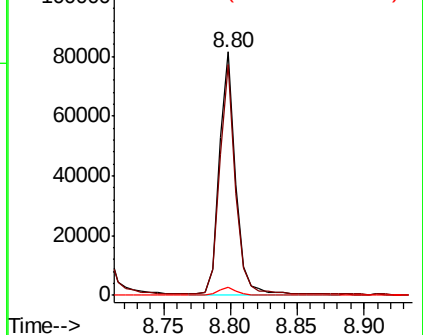
#38
 1-Methylnaphthalene
 Concen: 4.611 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Instrument :
 BNA_F
 ClientSampled :
 CONC-8

Tgt Ion:142 Resp: 71518
 Ion Ratio Lower Upper
 142 100
 141 94.6 73.2 109.8
 116 3.5 3.0 4.4

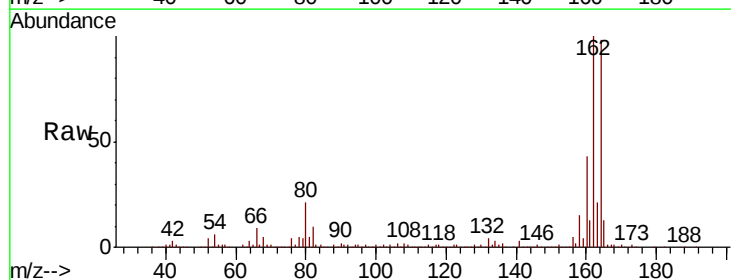


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

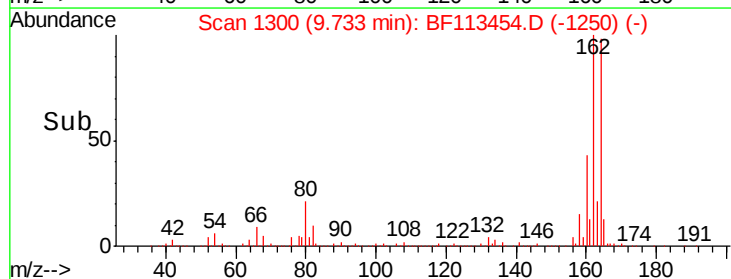
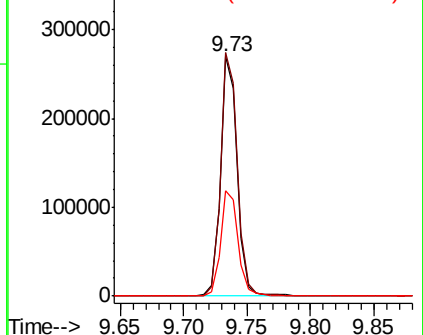


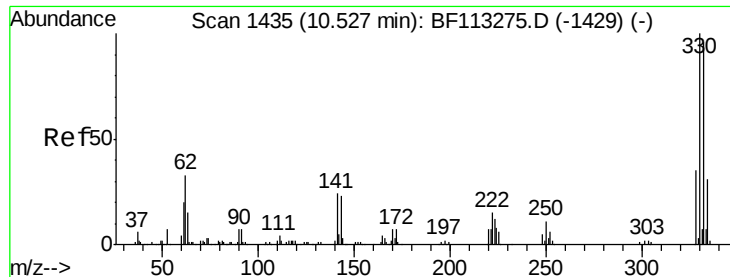
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Tgt Ion:164 Resp: 249260
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.8 122.6
 160 44.0 36.4 54.6



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

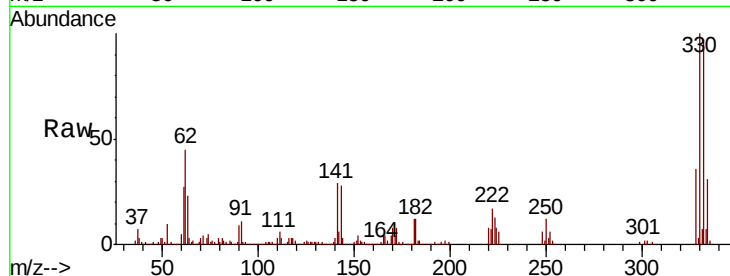




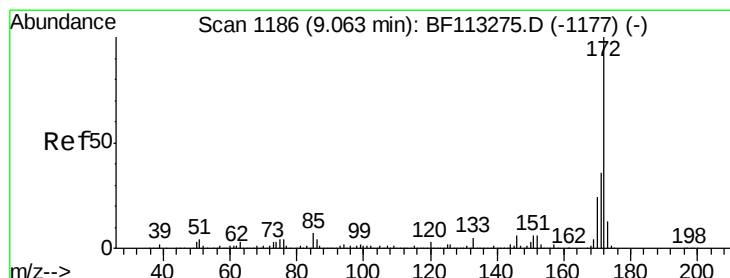
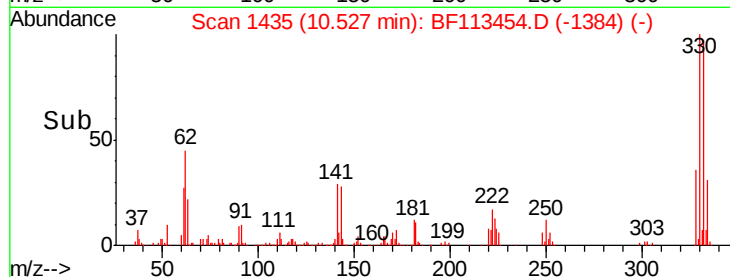
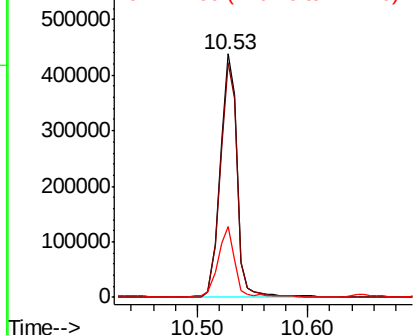
#42
 2,4,6-Tribromophenol
 Concen: 151.025 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 CONC-8

Tgt Ion:330 Resp: 464994
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 28.8 22.7 34.1

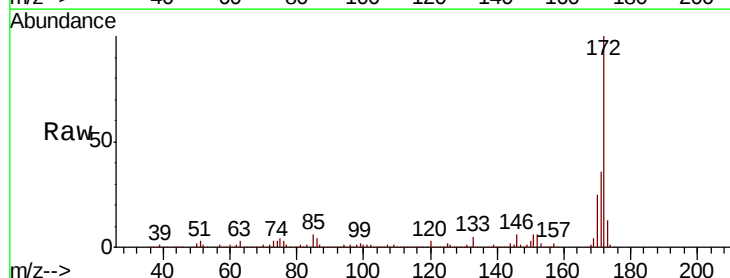


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

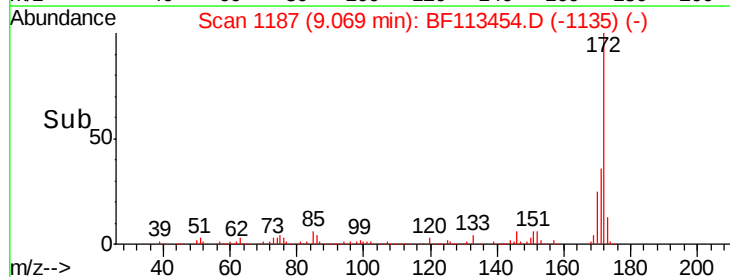
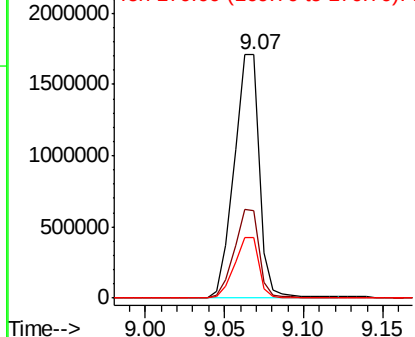


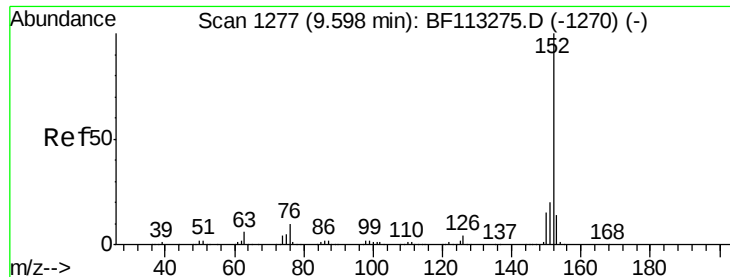
#45
 2-Fluorobiphenyl
 Concen: 127.558 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Tgt Ion:172 Resp: 1888139
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.9 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: 3.314 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

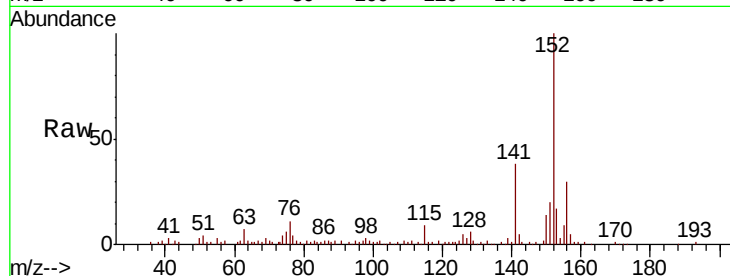
Tgt Ion:152 Resp: 85886

Ion Ratio Lower Upper

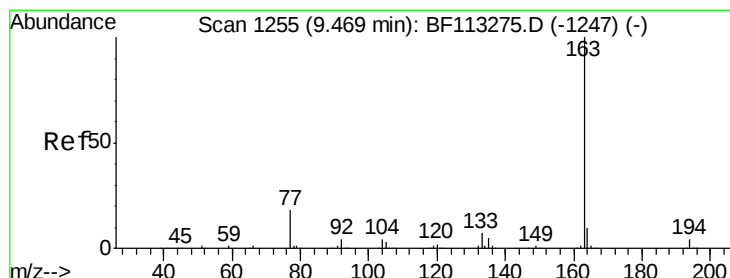
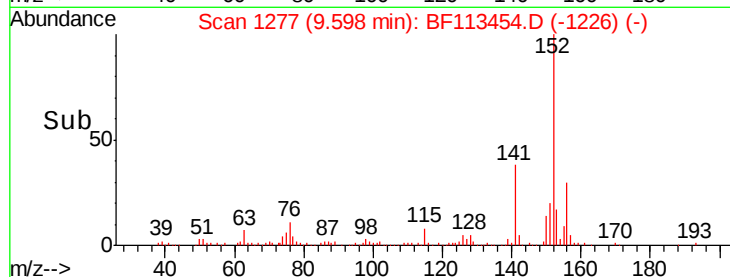
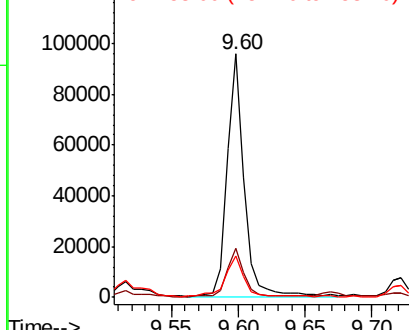
152 100

151 20.2 16.2 24.4

153 16.9 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: 7.373 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

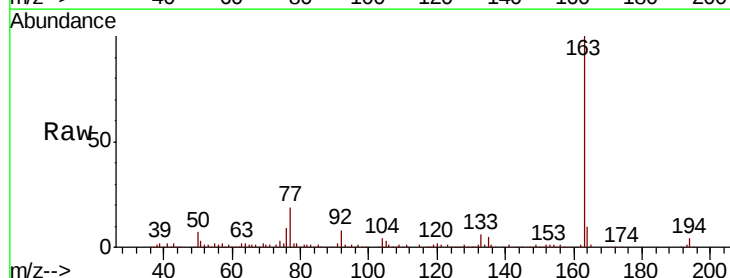
Tgt Ion:163 Resp: 136202

Ion Ratio Lower Upper

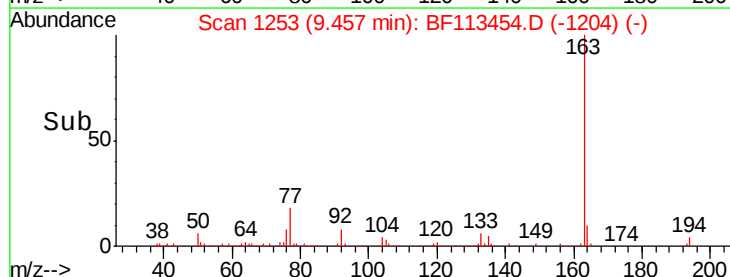
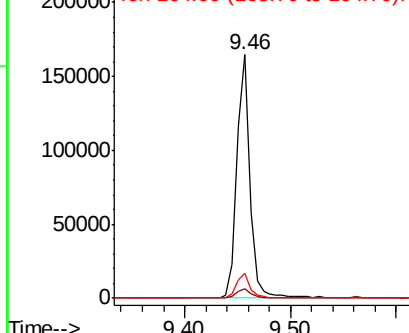
163 100

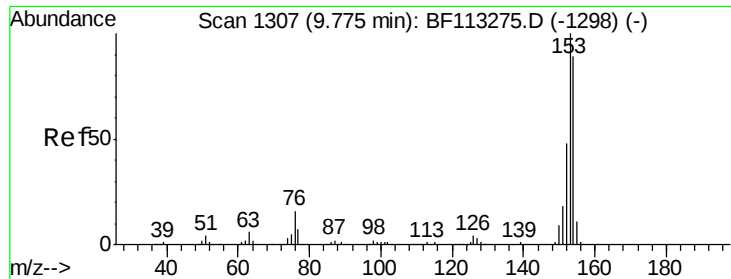
194 4.1 3.0 4.6

164 10.2 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: 15.434 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

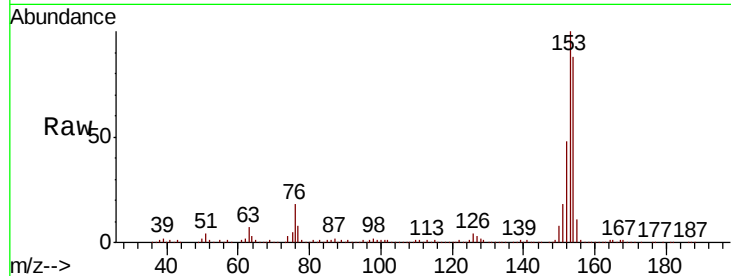
Tgt Ion:154 Resp: 225267

Ion Ratio Lower Upper

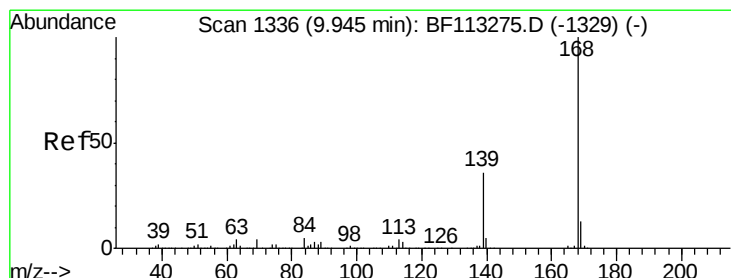
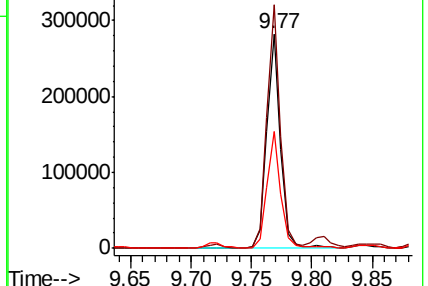
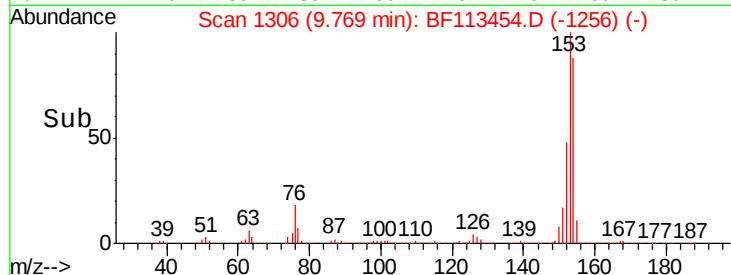
154 100

153 113.3 89.5 134.3

152 54.2 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: 6.485 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

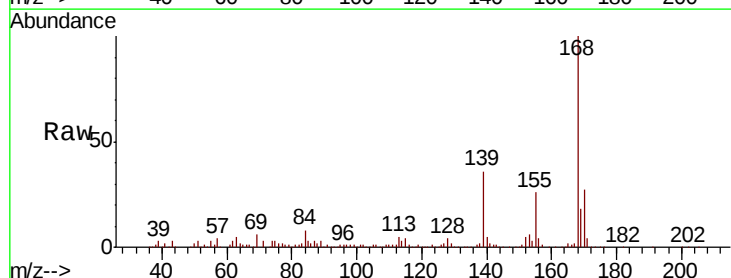
Tgt Ion:168 Resp: 142302

Ion Ratio Lower Upper

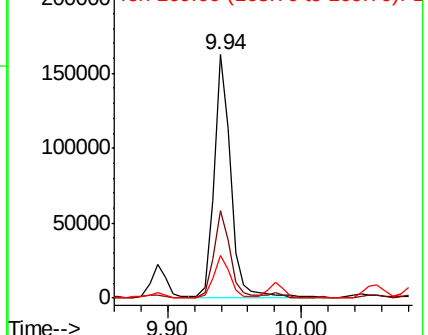
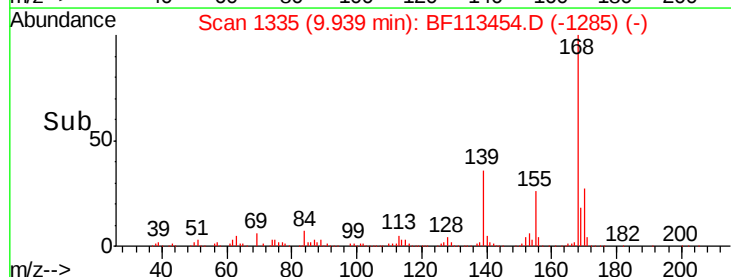
168 100

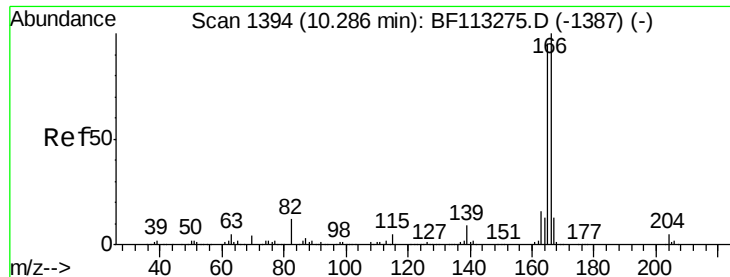
139 35.8 29.7 44.5

169 17.8 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: 16.177 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

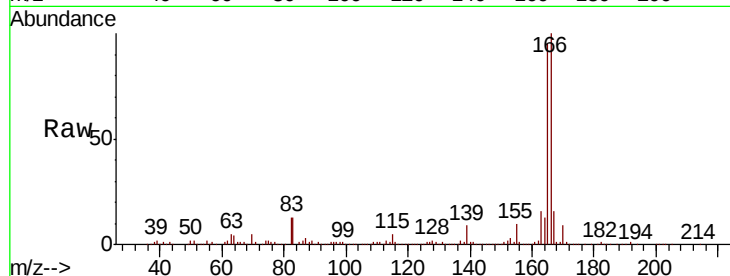
Tgt Ion:166 Resp: 275739

Ion Ratio Lower Upper

166 100

165 94.7 76.2 114.2

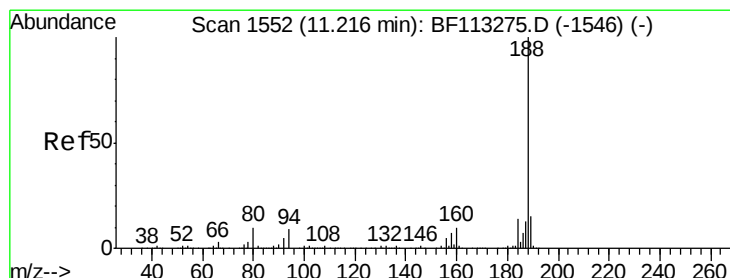
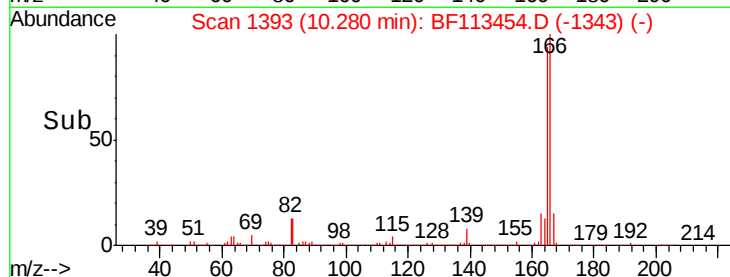
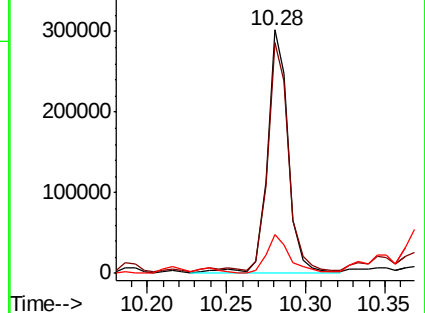
167 16.0 10.7 16.1



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# 1553

Delta R.T. 0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

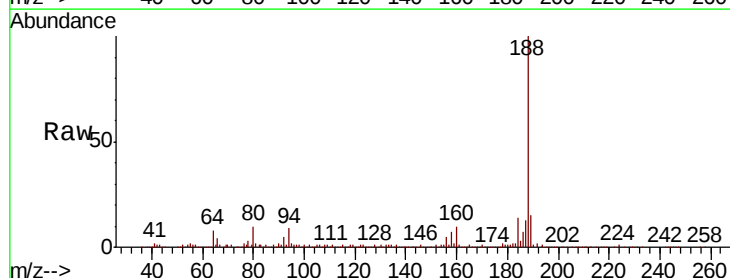
Tgt Ion:188 Resp: 466602

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

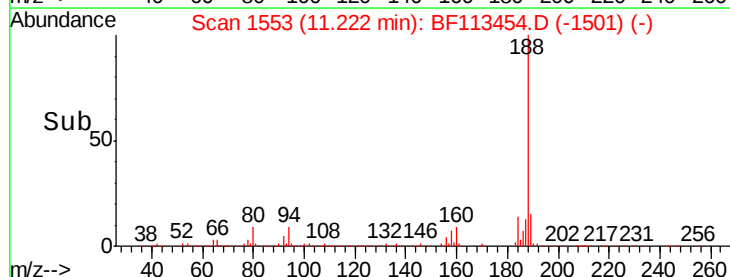
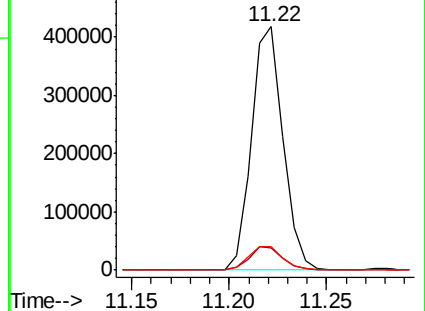
80 9.6 7.7 11.5

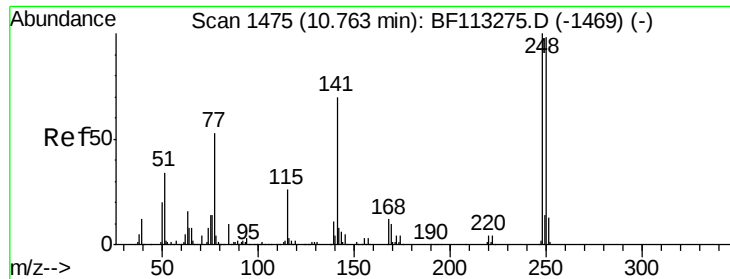


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

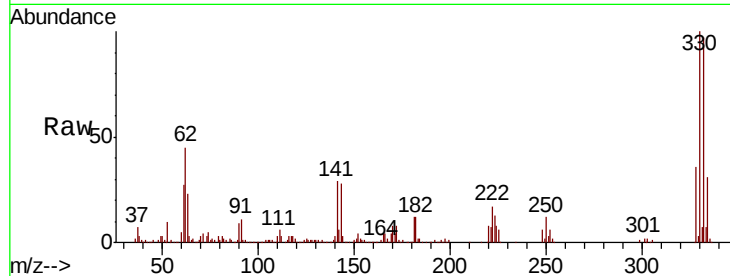




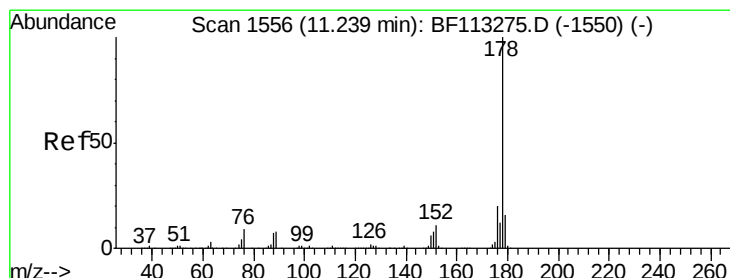
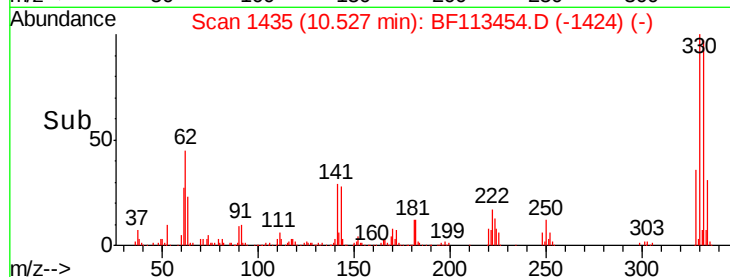
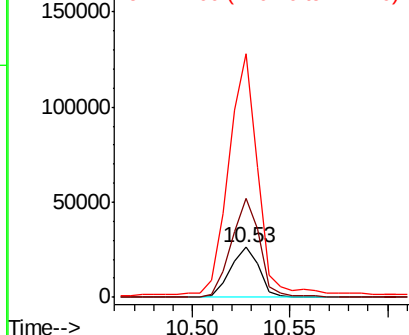
#67
 4-Bromophenyl-phenylether
 Concen: 5.273 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 CONC-8

Tgt Ion: 248 Resp: 26815
 Ion Ratio Lower Upper
 248 100
 250 198.7 78.3 117.5#
 141 488.5 56.2 84.4#

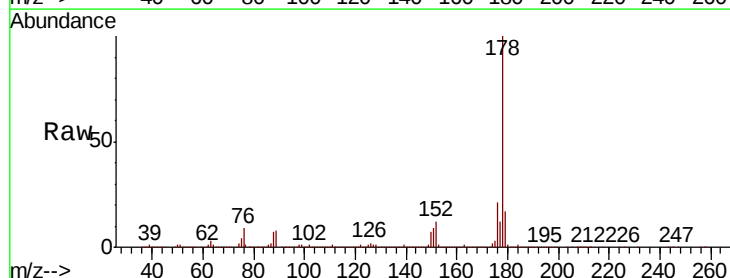


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

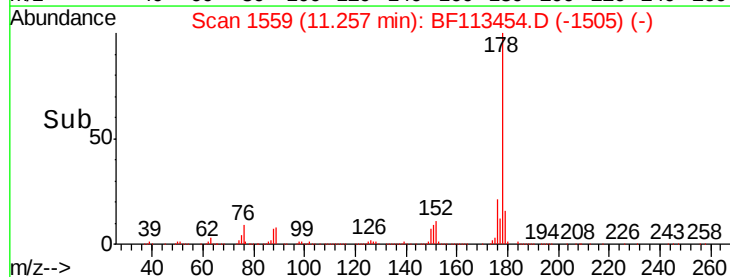
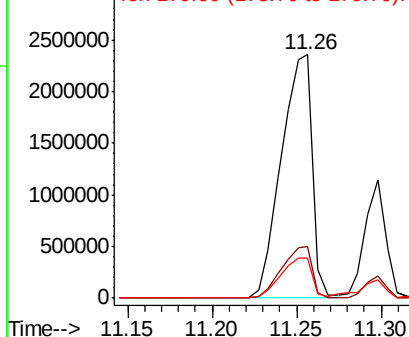


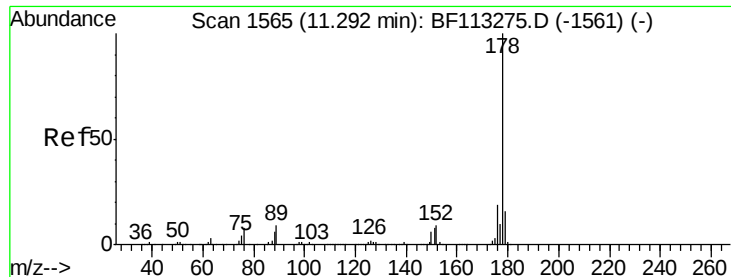
#71
 Phenanthrene
 Concen: 130.264 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.02 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Tgt Ion: 178 Resp: 3018410
 Ion Ratio Lower Upper
 178 100
 176 21.3 16.2 24.2
 179 16.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 39.451 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

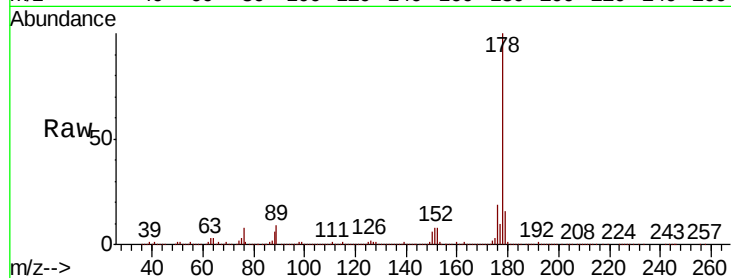
Tgt Ion:178 Resp: 928533

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

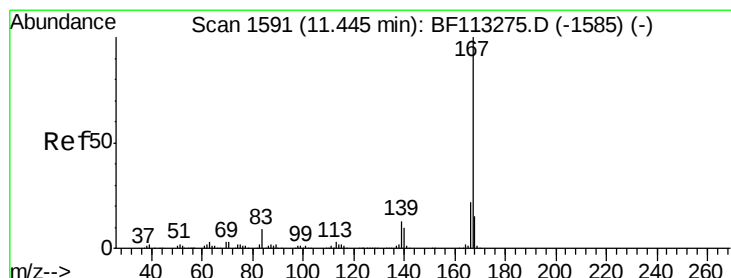
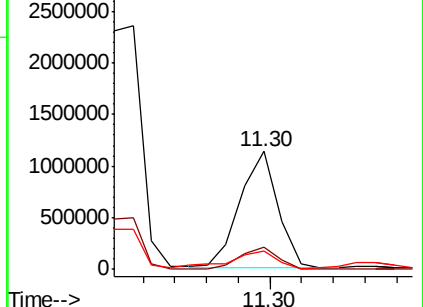
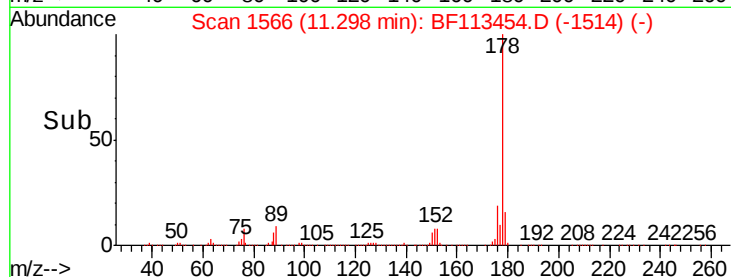
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 10.515 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

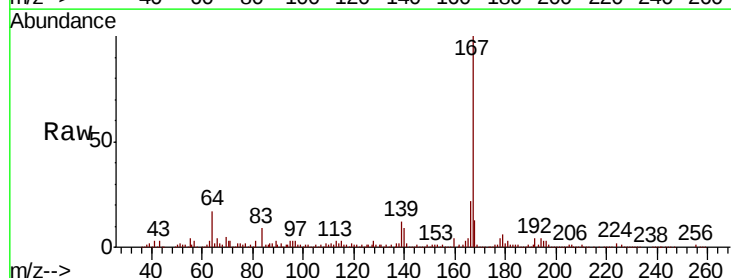
Tgt Ion:167 Resp: 236159

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

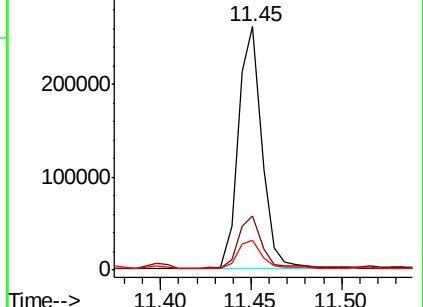
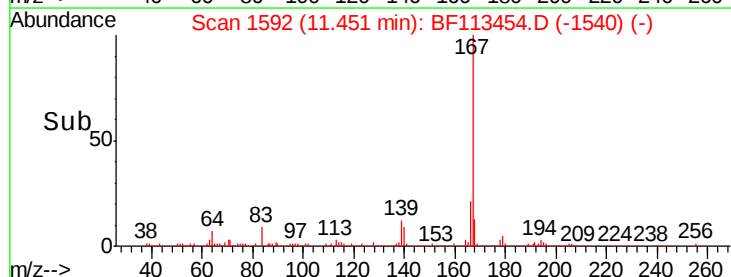
139 12.2 10.4 15.6

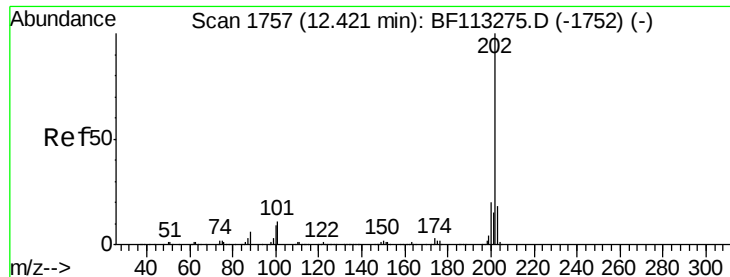


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 154.405 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.03 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

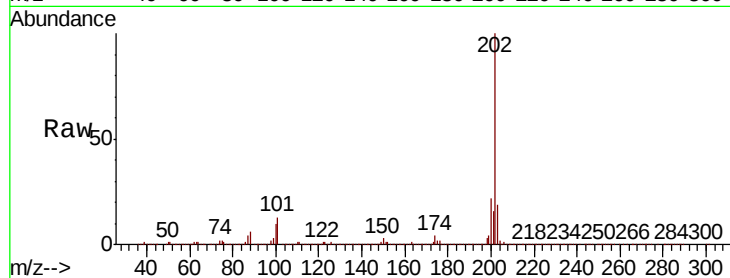
Tgt Ion:202 Resp: 4044635

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.4

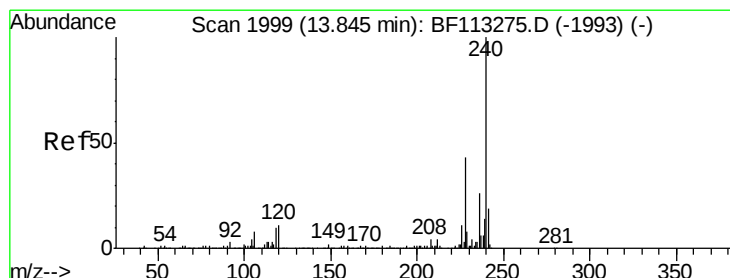
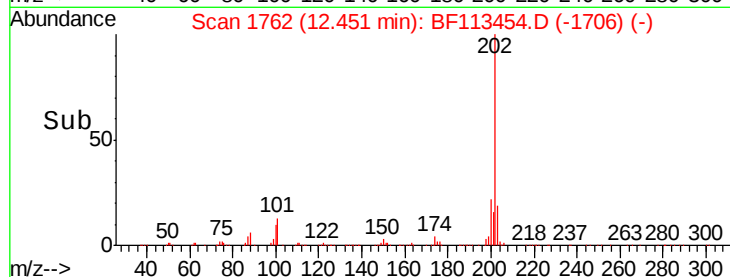
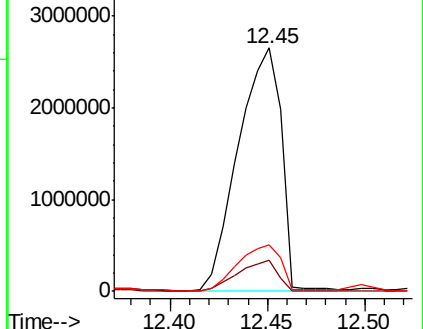
203 19.3 0.0 38.0



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: 13.86 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

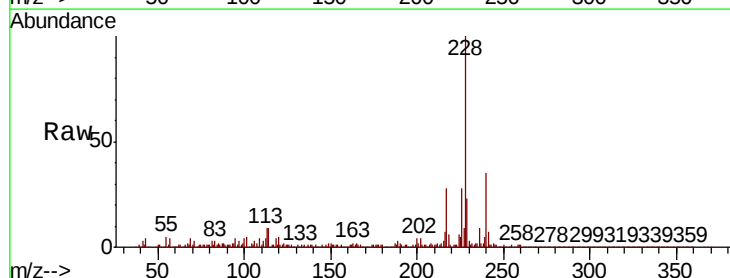
Tgt Ion:240 Resp: 326682

Ion Ratio Lower Upper

240 100

120 13.4 8.8 13.2#

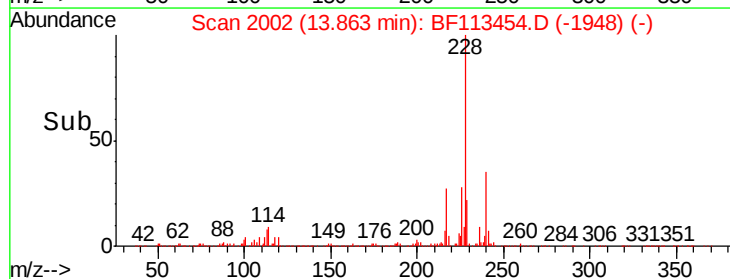
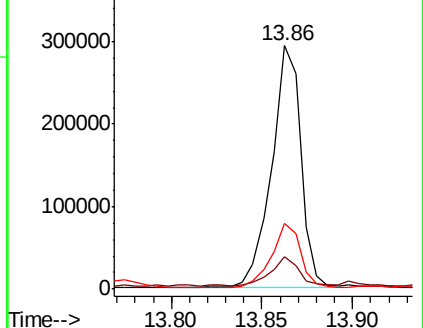
236 27.1 20.9 31.3

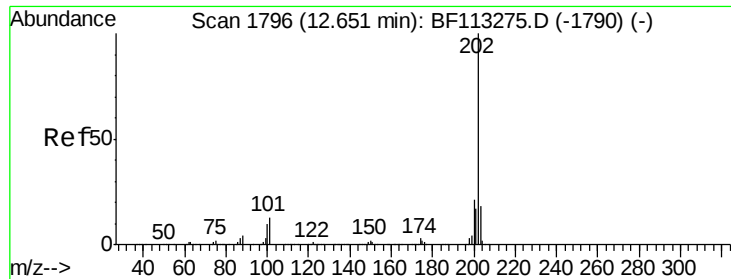


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

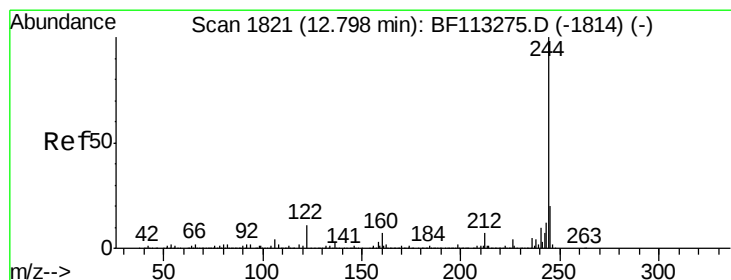
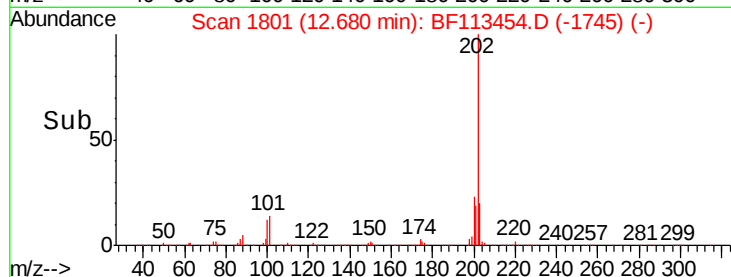
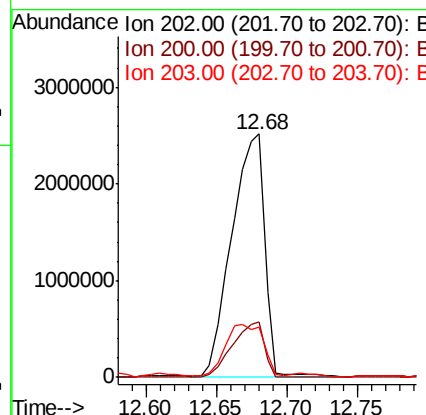
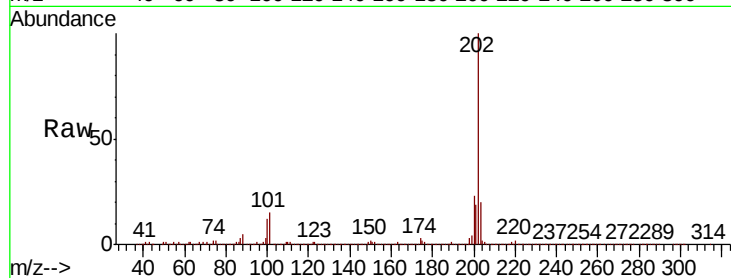




#78
 Pyrene
 Concen: 179.192 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.03 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

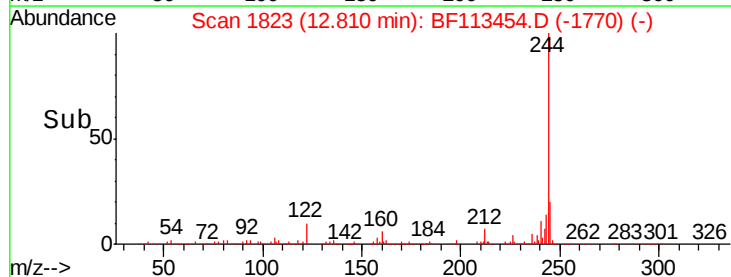
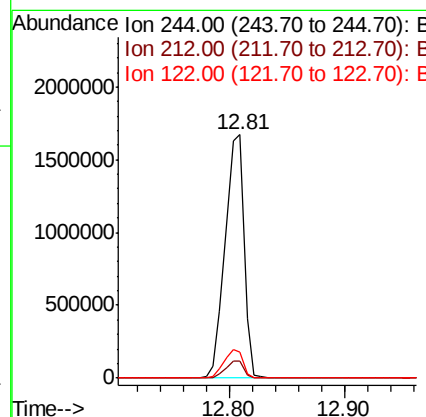
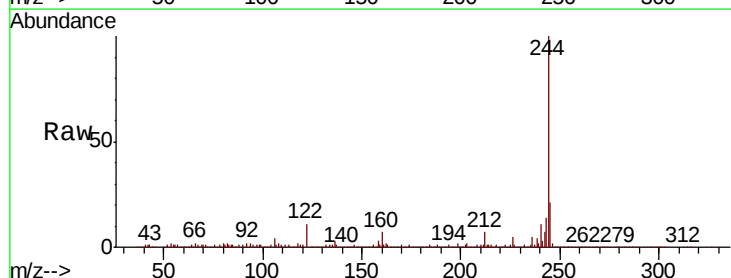
Instrument :
 BNA_F
 ClientSampleId :
 CONC-8

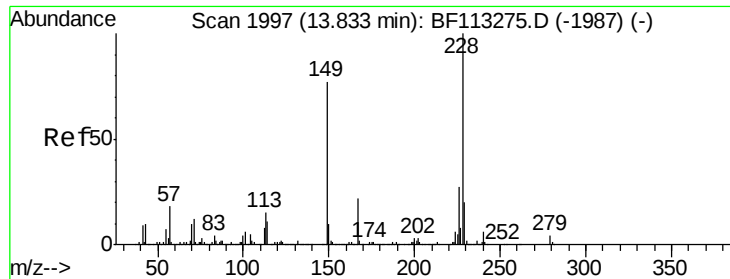
Tgt Ion:202 Resp: 4056535
 Ion Ratio Lower Upper
 202 100
 200 22.8 16.8 25.2
 203 20.5 14.4 21.6



#79
 Terphenyl-d14
 Concen: 128.826 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BF113454.D
 Acq: 30 Mar 2019 11:35

Tgt Ion:244 Resp: 1909345
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.6 8.6 13.0

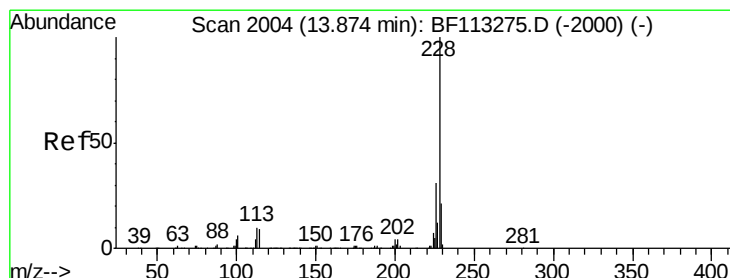
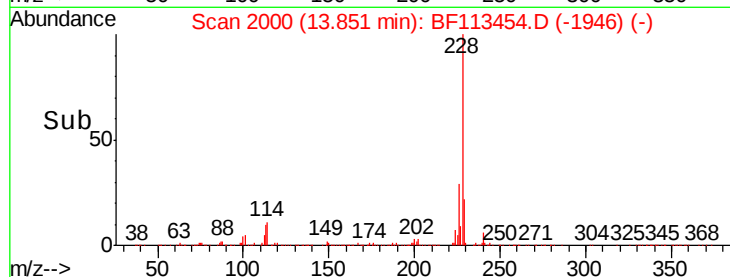
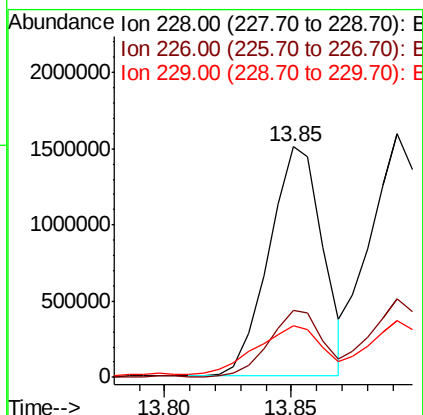
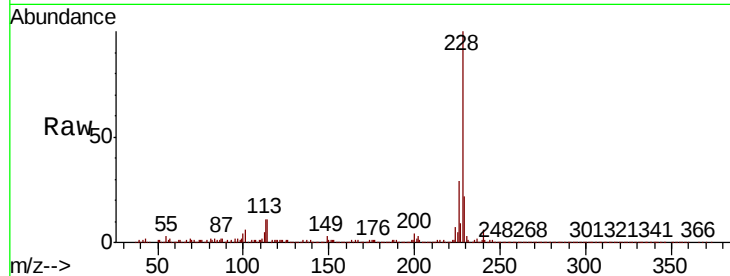




#81
Benzo(a)anthracene
Concen: 118.625 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

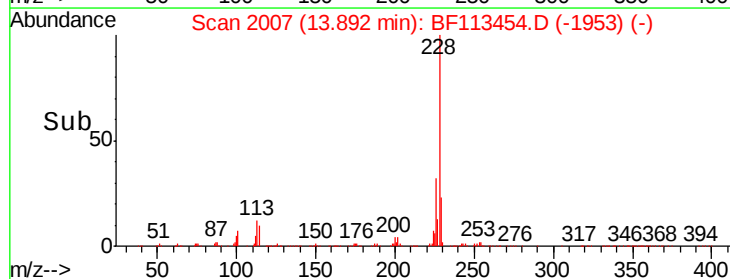
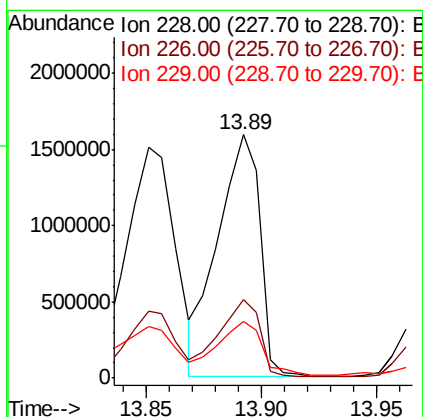
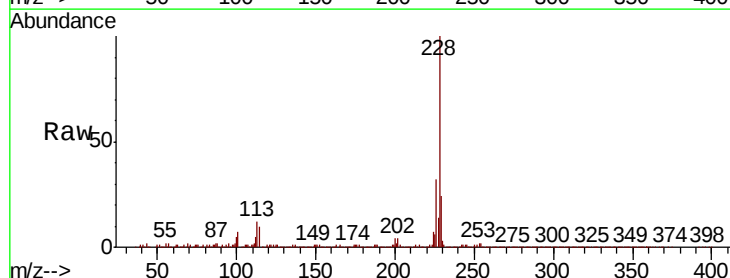
Instrument :
BNA_F
ClientSampleId :
CONC-8

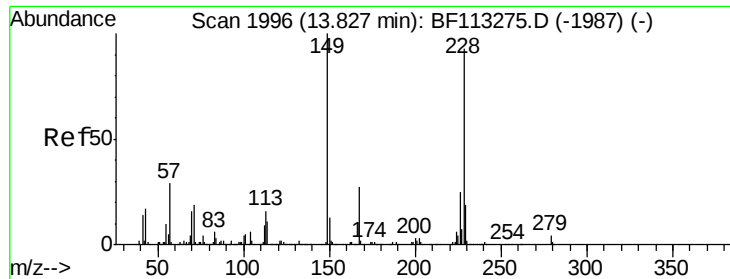
Tgt Ion:228 Resp: 2218261
Ion Ratio Lower Upper
228 100
226 29.2 21.8 32.8
229 22.4 16.2 24.4



#83
Chrysene
Concen: 106.204 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Tgt Ion:228 Resp: 2017218
Ion Ratio Lower Upper
228 100
226 32.1 24.3 36.5
229 23.5 16.3 24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.846 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

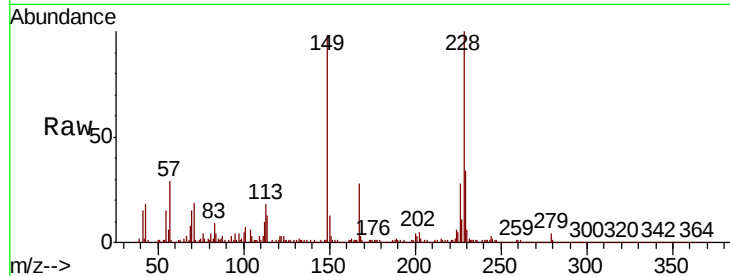
Tgt Ion:149 Resp: 572949

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.8

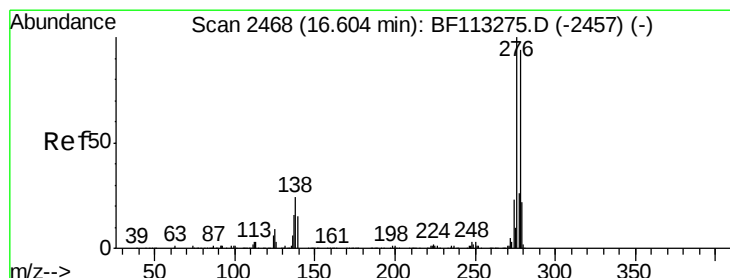
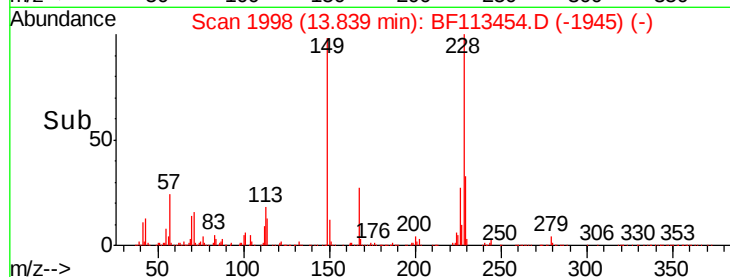
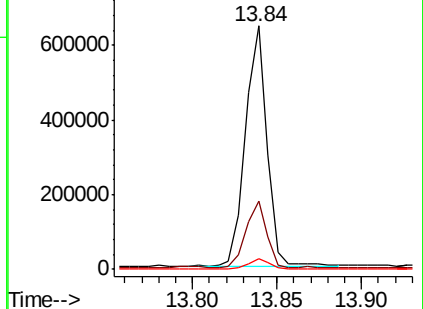
279 4.4 2.9 4.3#



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.139 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.04 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

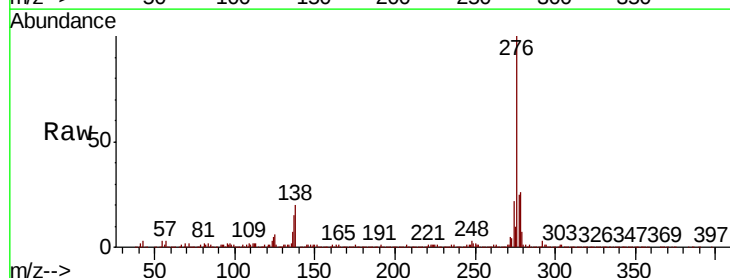
Tgt Ion:276 Resp: 980317

Ion Ratio Lower Upper

276 100

138 19.6 18.1 27.1

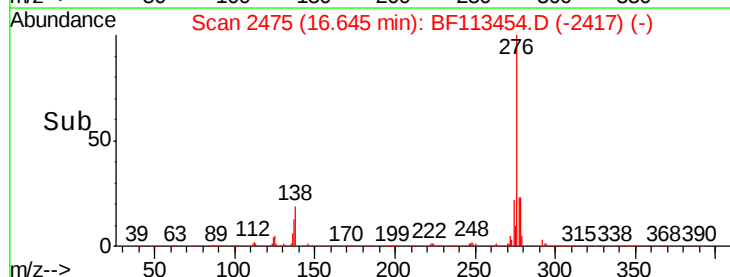
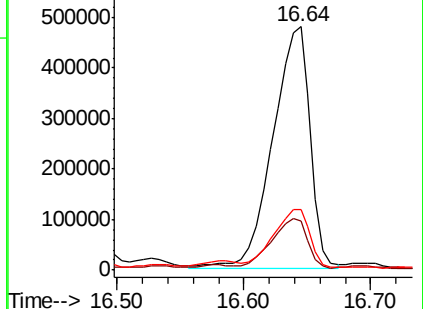
277 23.3 20.2 30.4

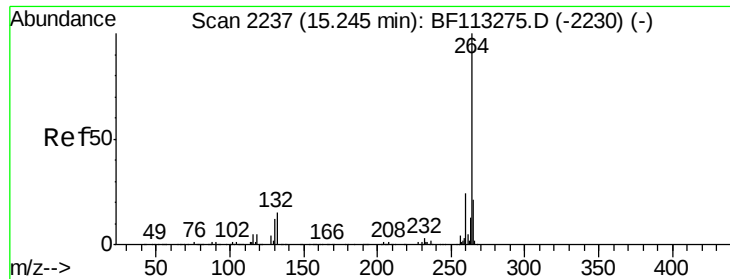


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

Instrument :

BNA_F

ClientSampleId :

CONC-8

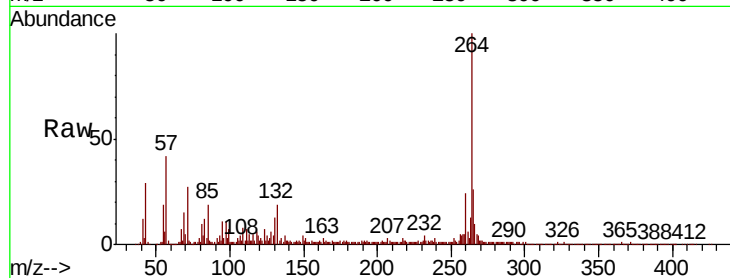
Tgt Ion:264 Resp: 289141

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

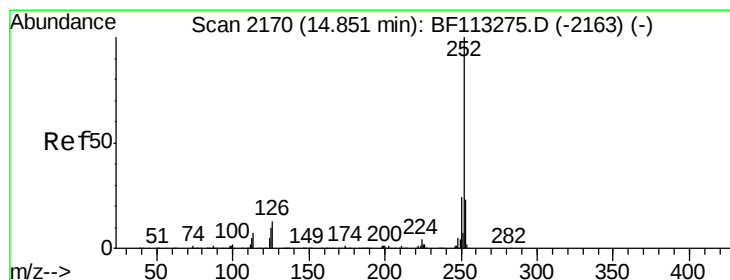
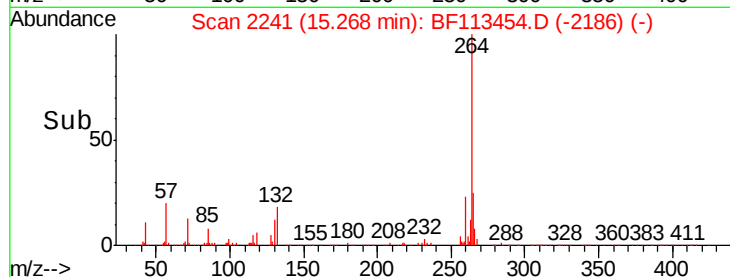
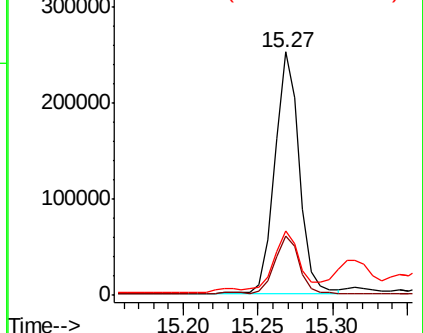
265 26.4 17.1 25.7#



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: 153.303 ng

RT: 14.88 min Scan# 2175

Delta R.T. 0.03 min

Lab File: BF113454.D

Acq: 30 Mar 2019 11:35

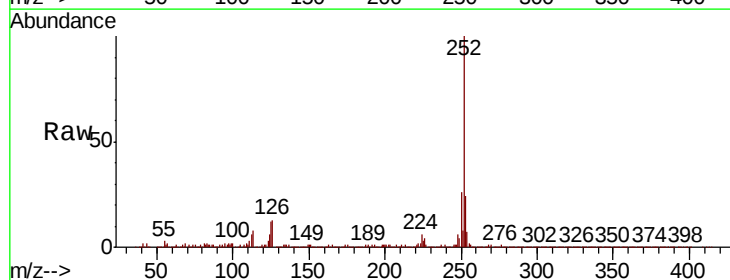
Tgt Ion:252 Resp: 2753525

Ion Ratio Lower Upper

252 100

253 23.6 18.0 27.0

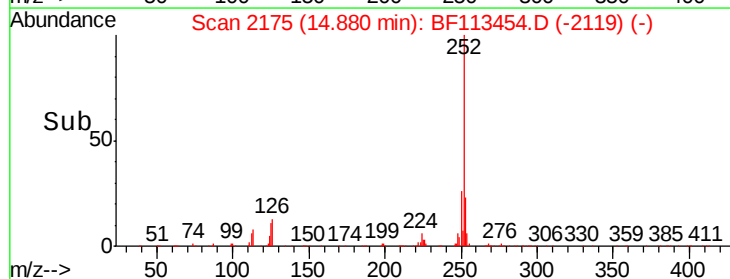
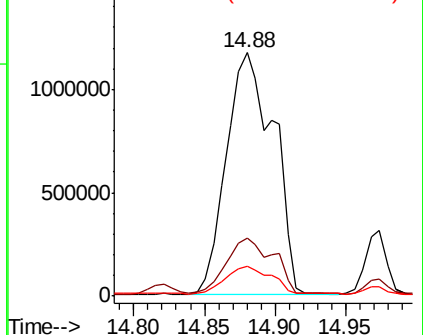
125 12.1 7.6 11.4#

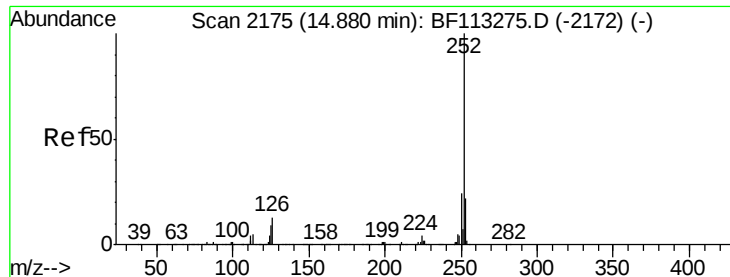


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

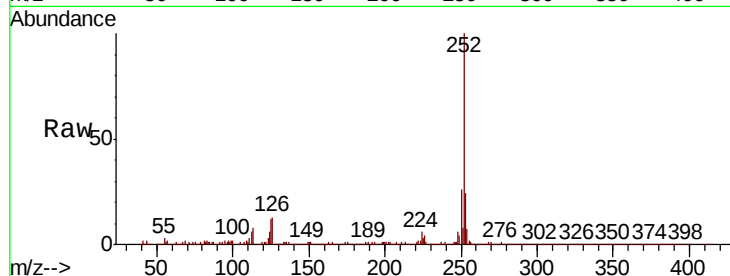




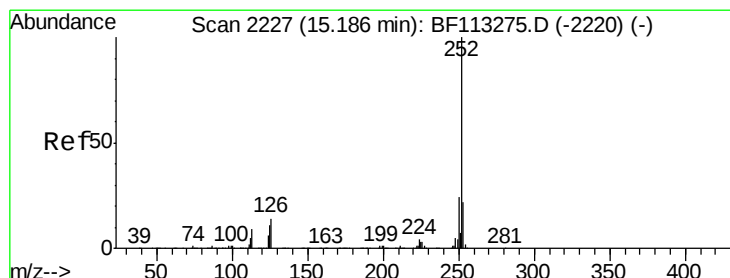
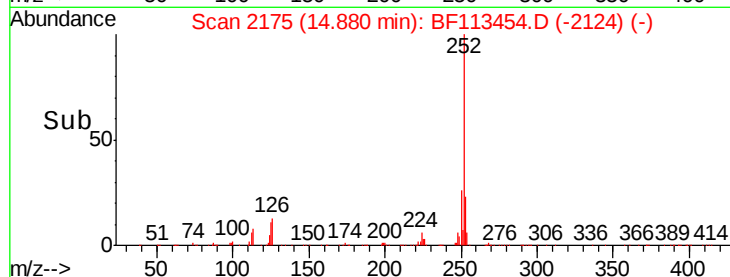
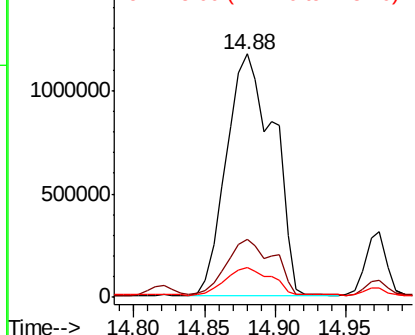
#89
Benzo(k)fluoranthene
Concen: 174.568 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Instrument :
BNA_F
ClientSampleId :
CONC-8

Tgt Ion:252 Resp: 2753525
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 12.1 7.3 10.9#

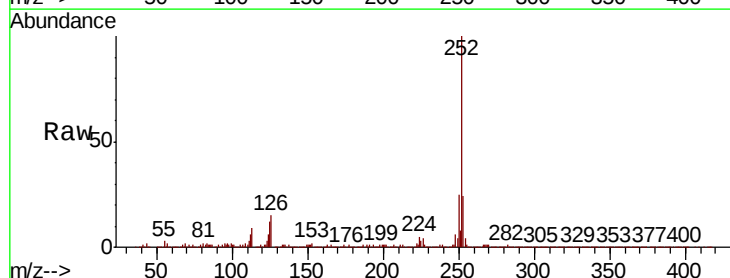


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

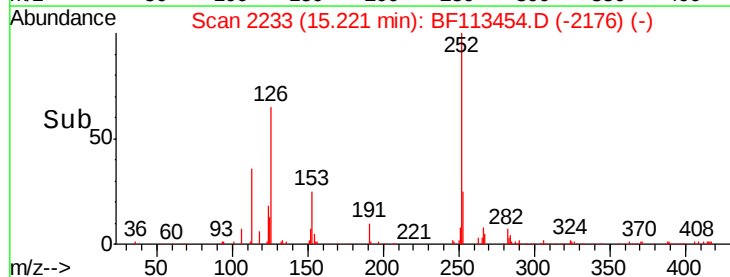
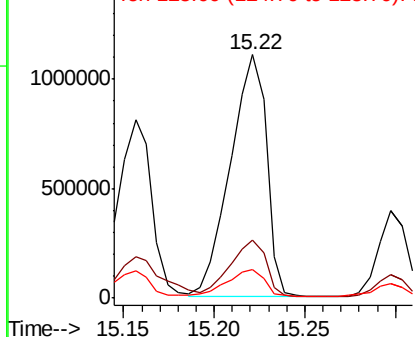


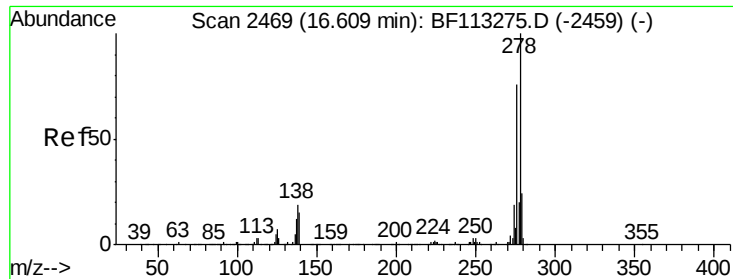
#90
Benzo(a)pyrene
Concen: 97.099 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.04 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Tgt Ion:252 Resp: 1546154
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 11.9 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

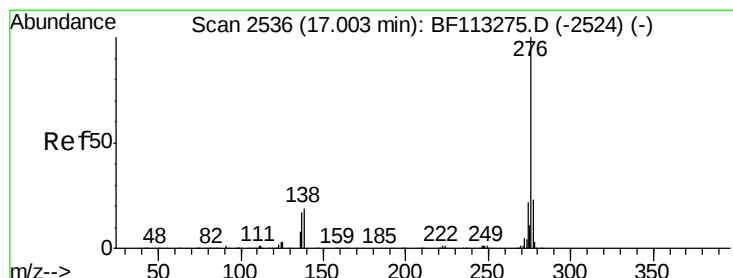
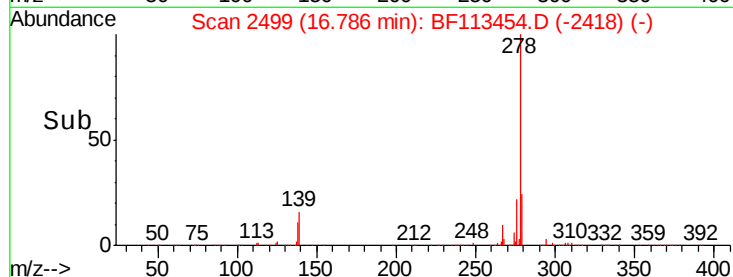
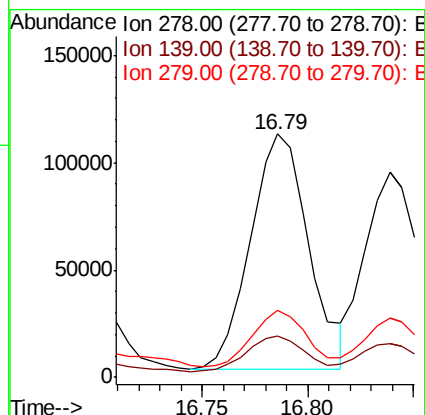
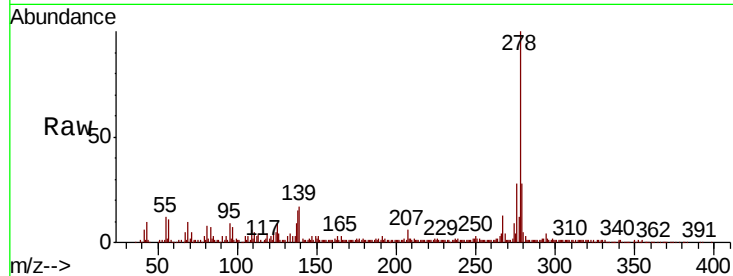




#91
Dibenzo(a,h)anthracene
Concen: 15.301 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.18 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Instrument :
BNA_F
ClientSampleId :
CONC-8

Tgt Ion:278 Resp: 210673
Ion Ratio Lower Upper
278 100
139 17.0 12.0 18.0
279 27.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 70.830 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.05 min
Lab File: BF113454.D
Acq: 30 Mar 2019 11:35

Tgt Ion:276 Resp: 983289
Ion Ratio Lower Upper
276 100
277 25.0 18.8 28.2
138 20.4 15.6 23.4

