

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113335.D
 Acq On : 27 Mar 2019 17:16
 Operator : JU/SJ
 Sample : K2086-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-15

Quant Time: Mar 28 01:08:23 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	179901	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	679529	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	325483	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	618767	20.00	ng	0.00
76) Chrysene-d12	13.84	240	425112	20.00	ng	0.00
87) Perylene-d12	15.24	264	460229	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1044788	94.96	ng	0.00
7) Phenol-d6	6.35	99	1372494	98.61	ng	0.00
23) Nitrobenzene-d5	7.26	82	836126	73.03	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	370971	92.27	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1525128	70.42	ng	0.00
79) Terphenyl-d14	12.79	244	1427599	74.02	ng	0.00

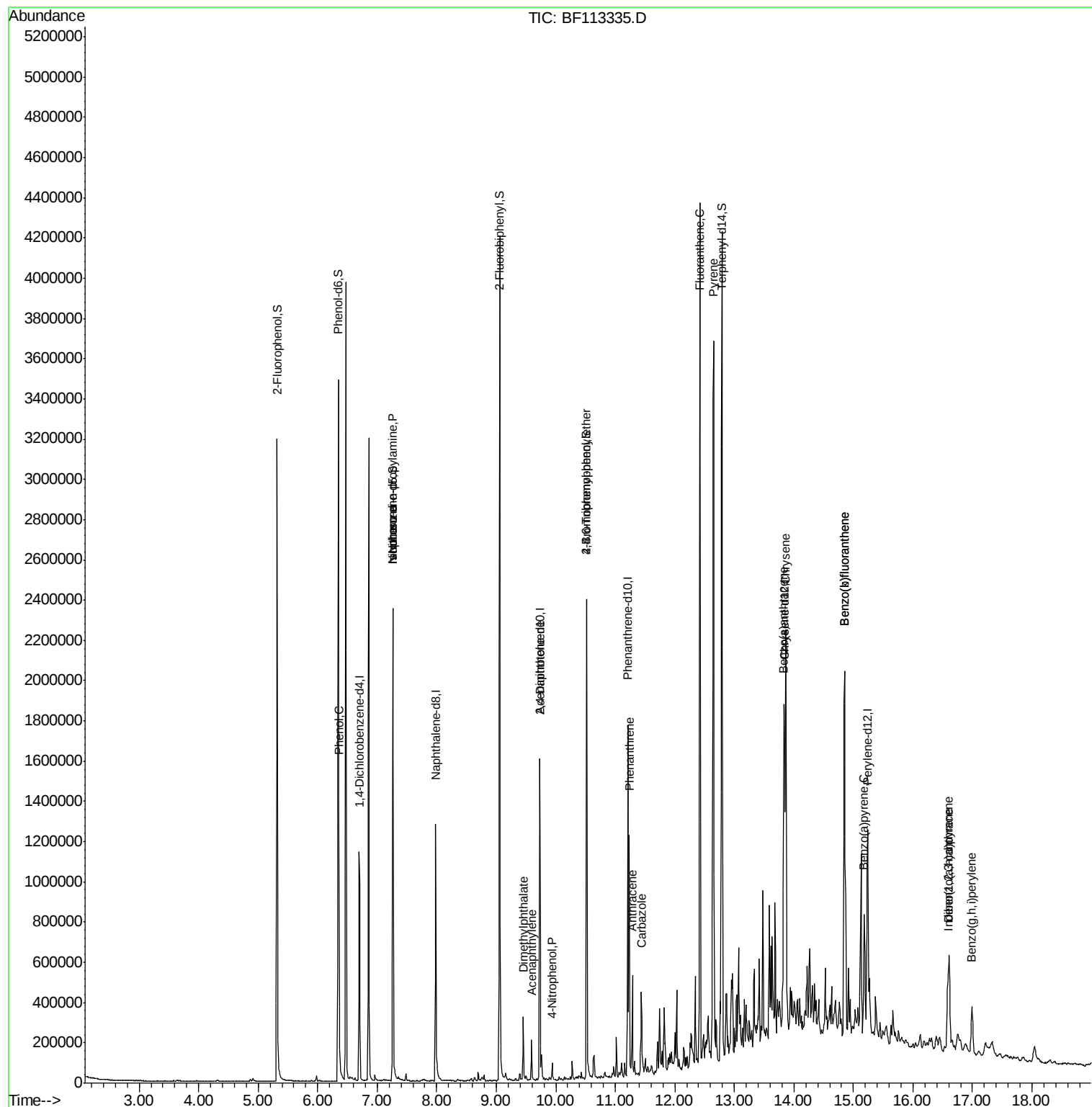
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	57263	3.604	ng	# 68
19) n-Nitroso-di-n-propylamine	7.26	70	106509	12.183	ng	# 76
20) 3+4-Methylphenols	7.15	107	4149	Below Cal		84
25) Isophorone	7.26	82	823107	37.098	ng	# 64
49) Acenaphthylene	9.59	152	88169	2.605	ng	99
50) Dimethylphthalate	9.45	163	131468	5.450	ng	99
56) 4-Nitrophenol	9.94	139	12659	2.893	ng	# 7
57) 2,4-Dinitrotoluene	9.73	165	42754	6.178	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	21029	3.118	ng	# 1
71) Phenanthrene	11.23	178	425644	13.852	ng	98
72) Anthracene	11.29	178	228478	7.320	ng	98
73) Carbazole	11.44	167	142530	4.786	ng	99
75) Fluoranthene	12.42	202	1876505	54.019	ng	98
78) Pyrene	12.65	202	1628876	55.293	ng	99
81) Benzo(a)anthracene	13.83	228	427460	17.566	ng	96
83) Chrysene	13.87	228	977721	39.557	ng	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	200050	9.431	ng	98
88) Benzo(b)fluoranthene	14.85	252	1236316	43.244	ng	98
89) Benzo(k)fluoranthene	14.85	252	1236316	49.243	ng	# 97
90) Benzo(a)pyrene	15.18	252	256399	10.116	ng	96
91) Dibenzo(a,h)anthracene	16.59	278	53888	2.459	ng	# 80
92) Benzo(g,h,i)perylene	16.99	276	181750	8.225	ng	99

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

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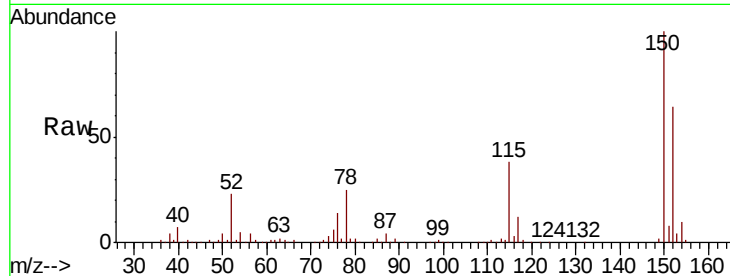


#1

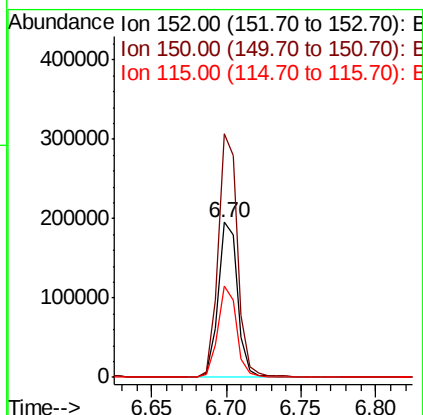
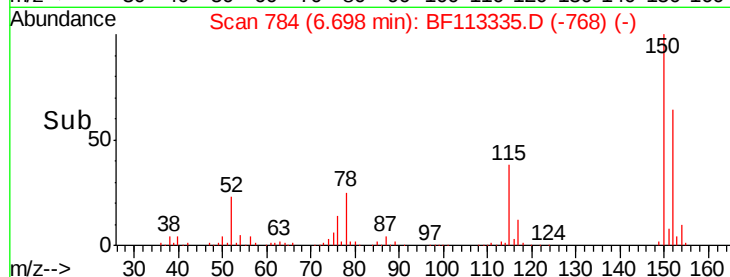
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
CS-15

Tgt Ion:152 Resp: 179901
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 59.0 46.0 69.0



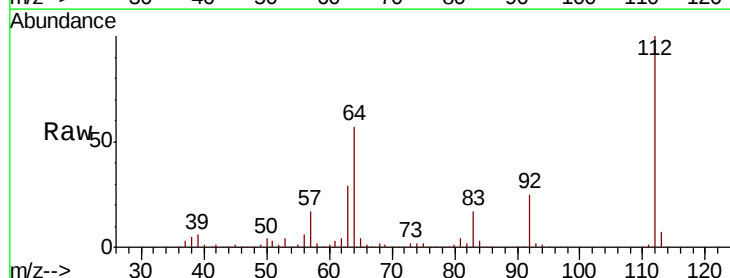
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



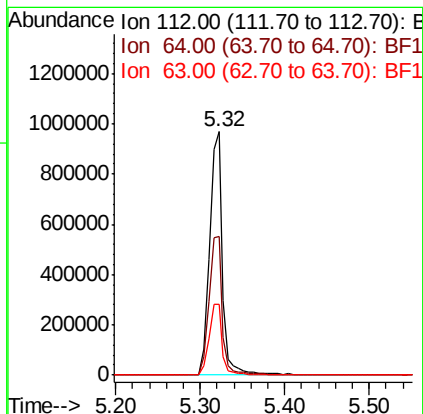
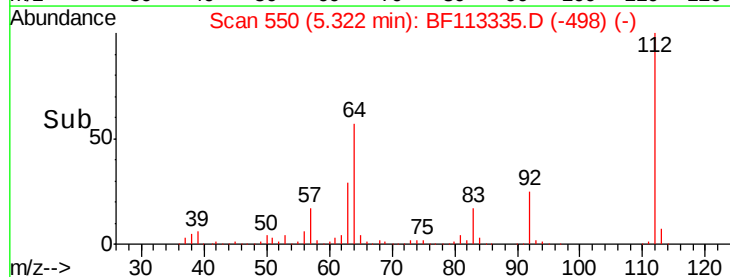
#5

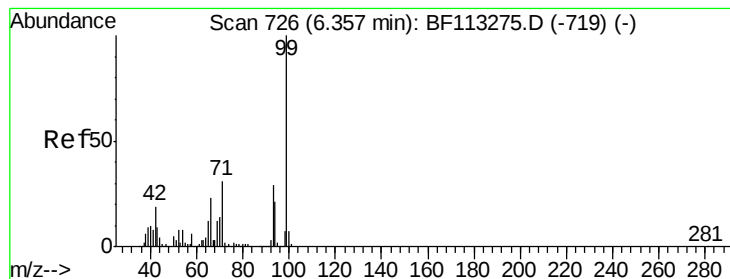
2-Fluorophenol
Concen: 94.961 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Tgt Ion:112 Resp: 1044788
Ion Ratio Lower Upper
112 100
64 56.9 49.2 73.8
63 28.8 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: 98.609 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

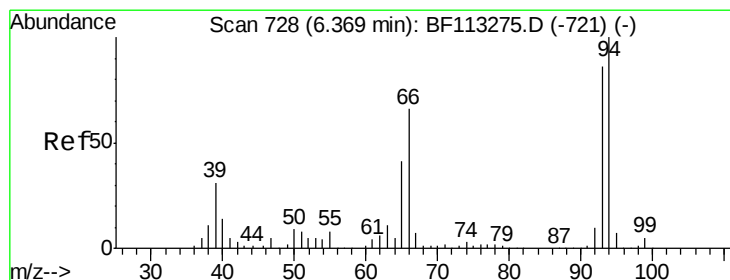
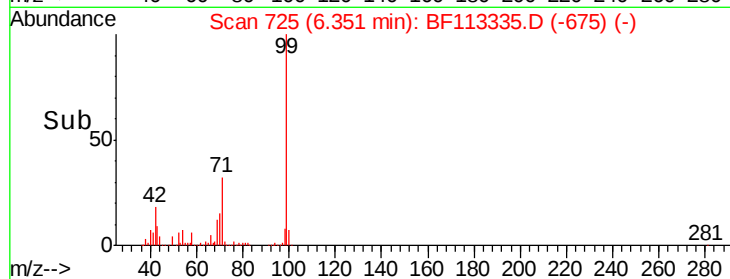
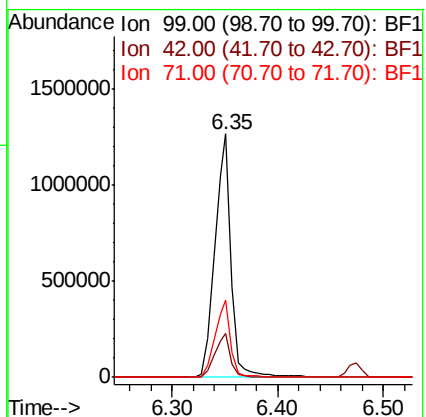
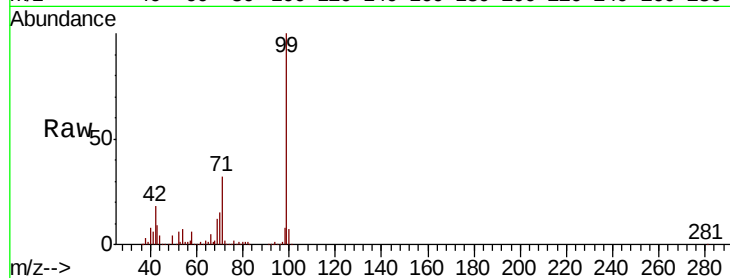
Tgt Ion: 99 Resp: 1372494

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

71 31.8 24.9 37.3



#10

Phenol

Concen: 3.604 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

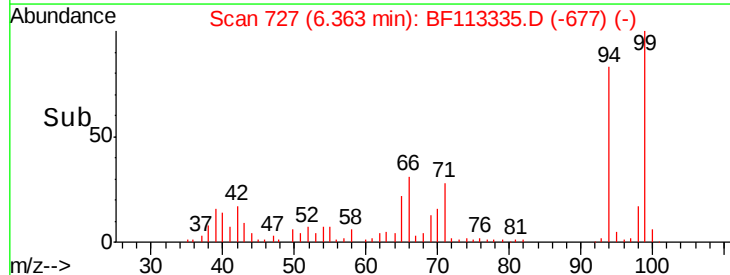
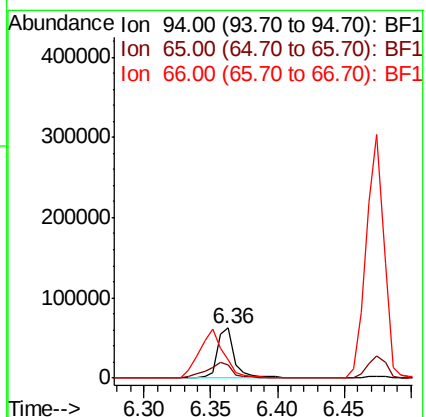
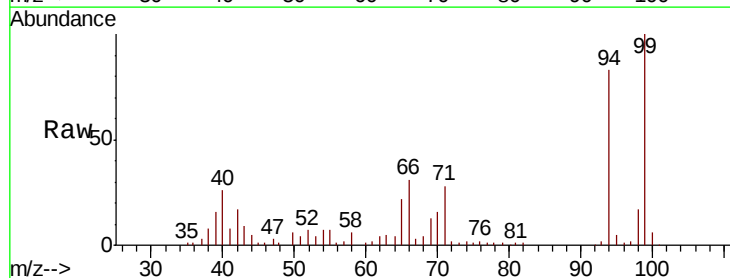
Tgt Ion: 94 Resp: 57263

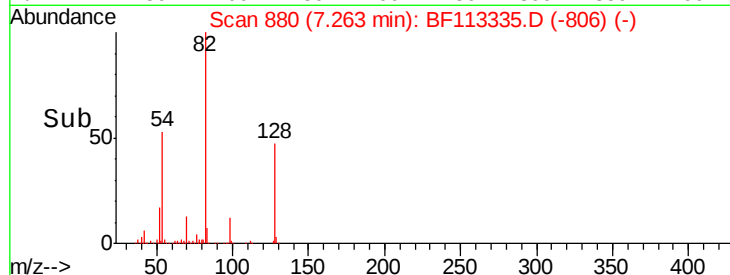
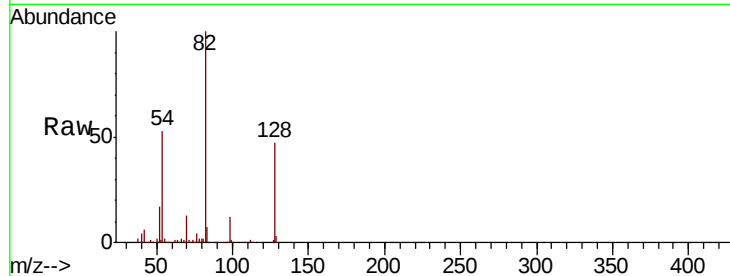
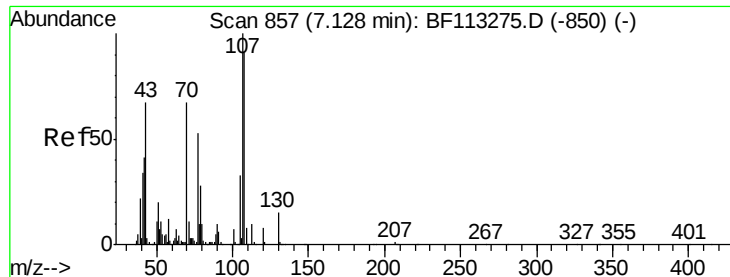
Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

66 37.2 46.4 86.4#

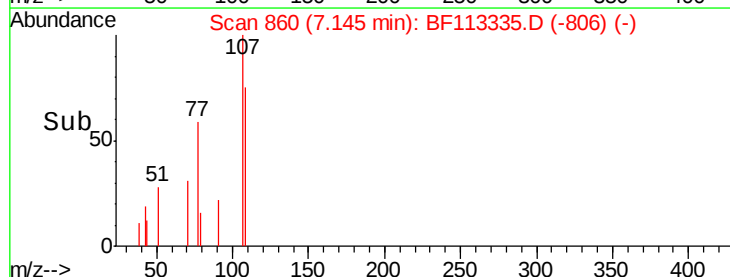
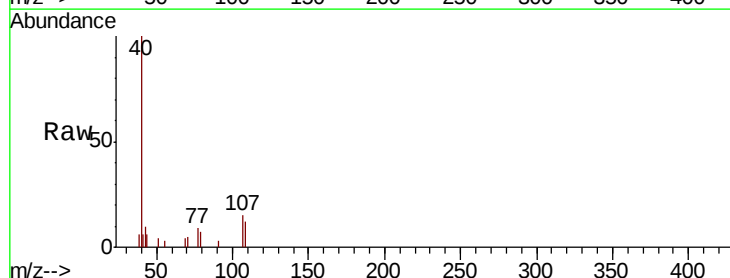
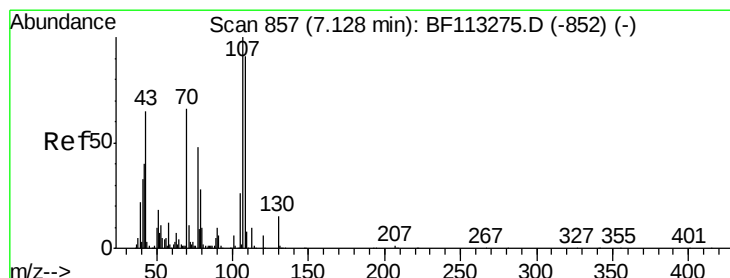
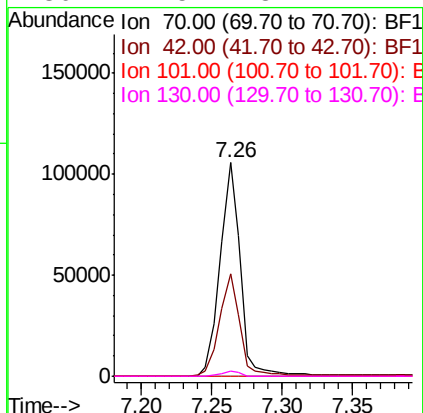




#19
n-Nitroso-di-n-propylamine
Concen: 12.183 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

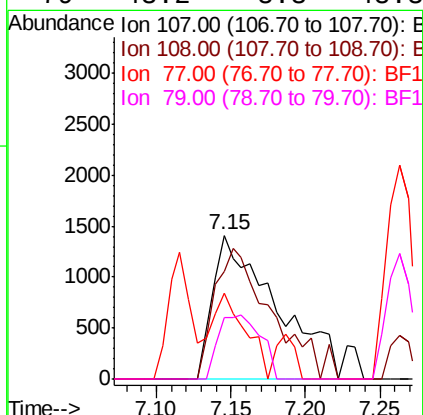
Instrument :
BNA_F
ClientSampleId :
CS-15

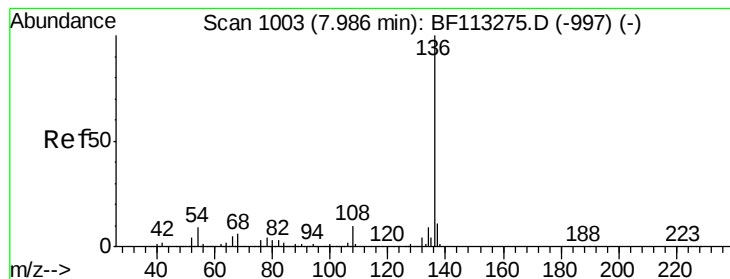
Tgt Ion:	70	Resp:	106509
Ion	Ratio	Lower	Upper
70	100		
42	48.0	48.4	72.6#
101	0.0	7.8	11.8#
130	2.5	18.2	27.4#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Tgt Ion:	107	Resp:	4149
Ion	Ratio	Lower	Upper
107	100		
108	75.2	71.4	111.4
77	59.5	33.5	73.5
79	43.2	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

Tgt Ion: 136 Resp: 679529

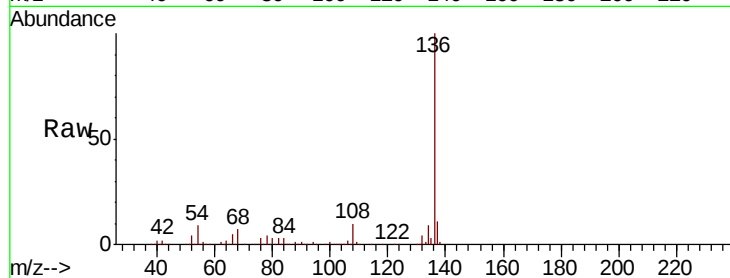
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.9 7.0 10.6

68 6.5 4.8 7.2

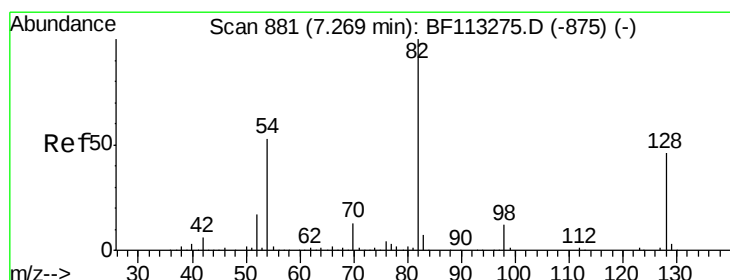
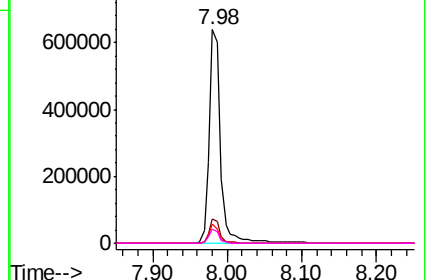
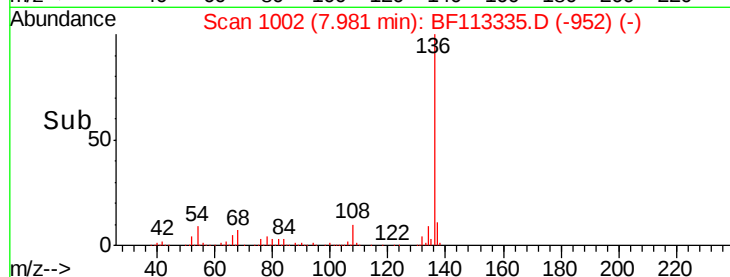


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.032 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

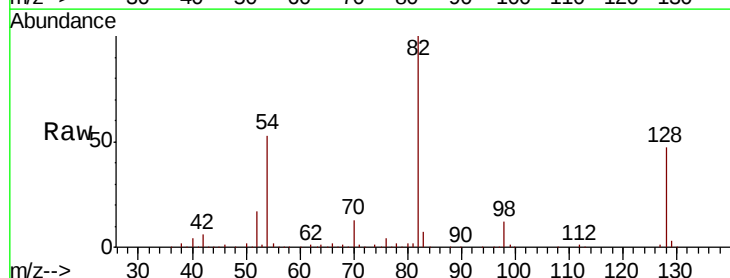
Tgt Ion: 82 Resp: 836126

Ion Ratio Lower Upper

82 100

128 47.0 36.5 54.7

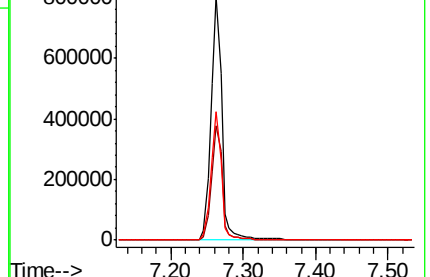
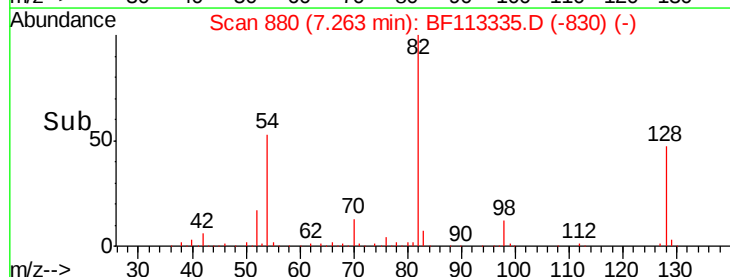
54 52.6 42.2 63.2

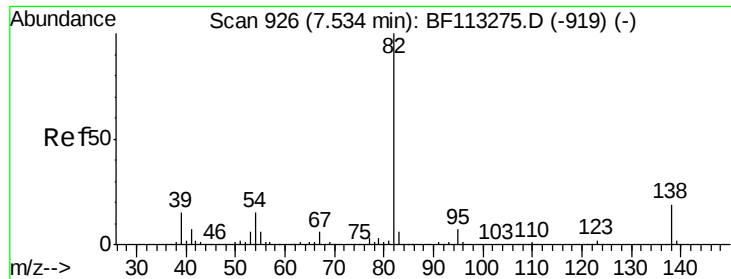


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.098 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampled :

CS-15

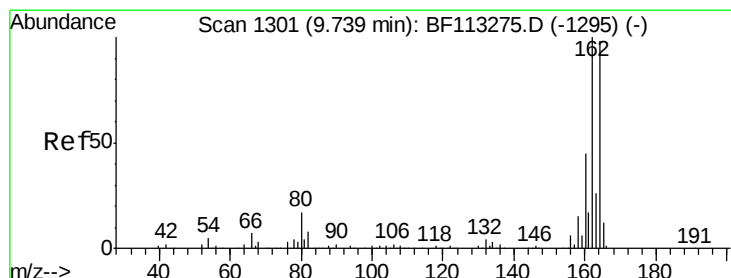
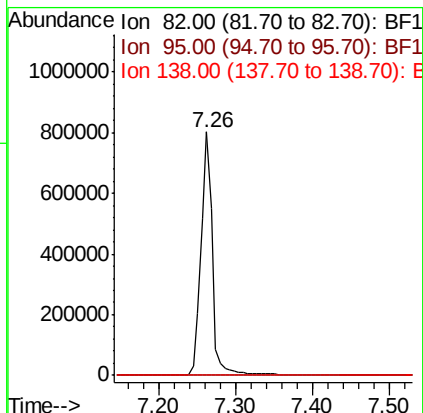
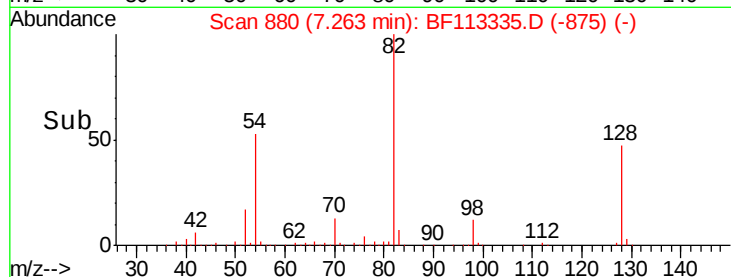
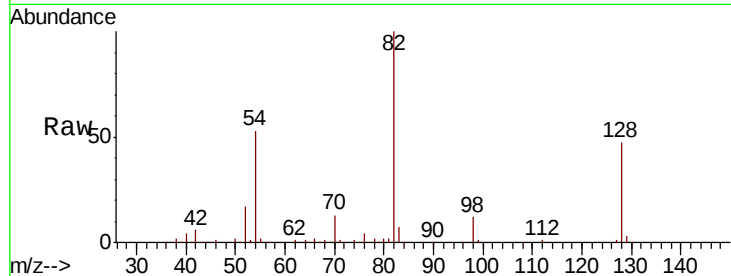
Tgt Ion: 82 Resp: 823107

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

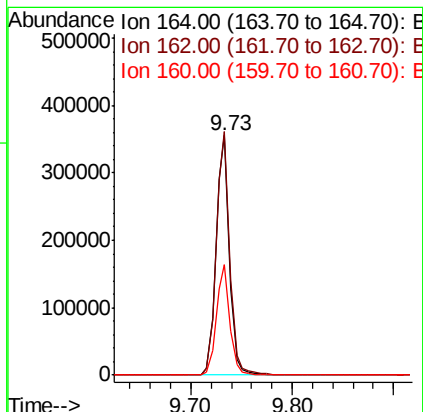
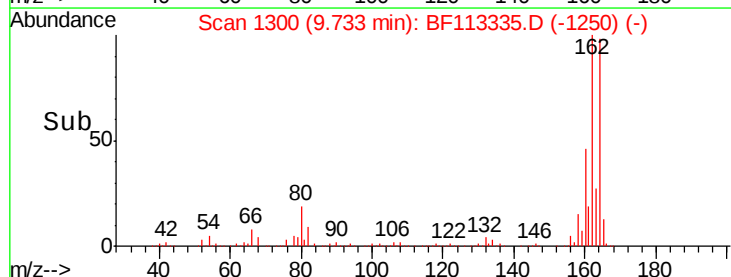
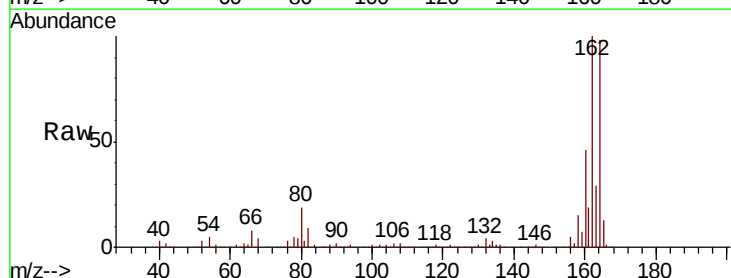
Tgt Ion: 164 Resp: 325483

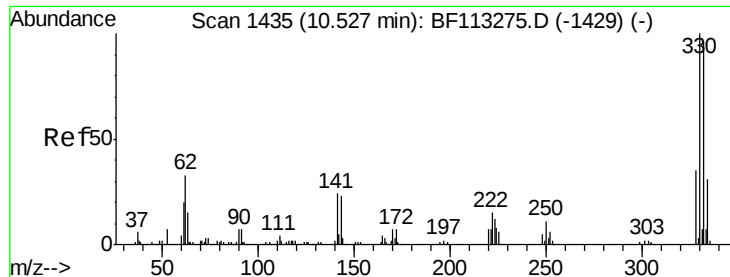
Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.6

160 46.4 36.4 54.6

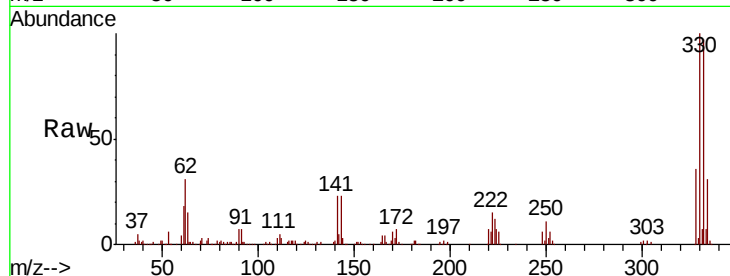




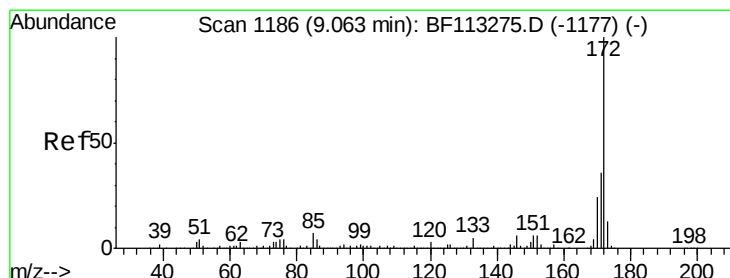
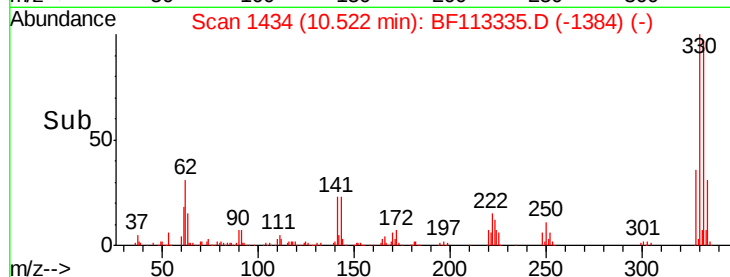
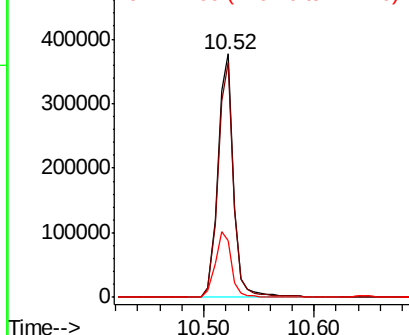
#42
 2,4,6-Tribromophenol
 Concen: 92.271 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113335.D
 Acq: 27 Mar 2019 17:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-15

Tgt Ion:330 Resp: 370971
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 28.2 22.7 34.1

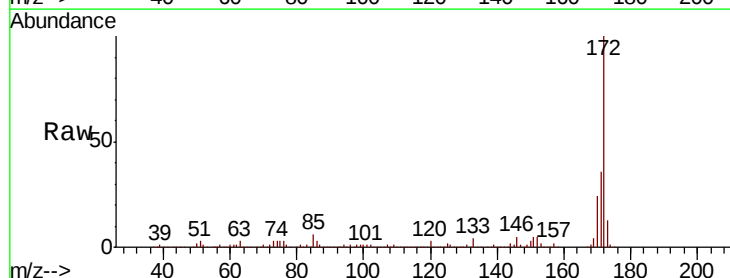


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

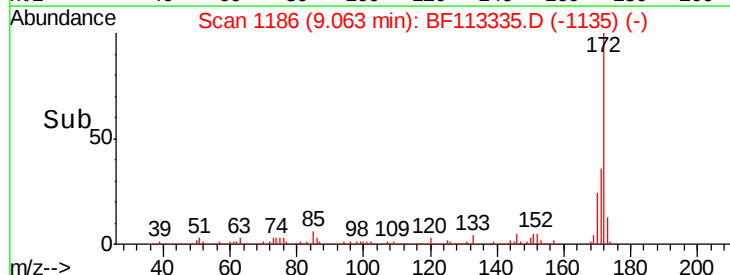
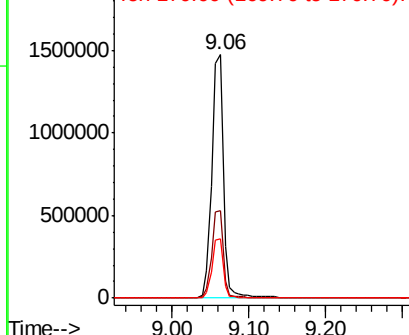


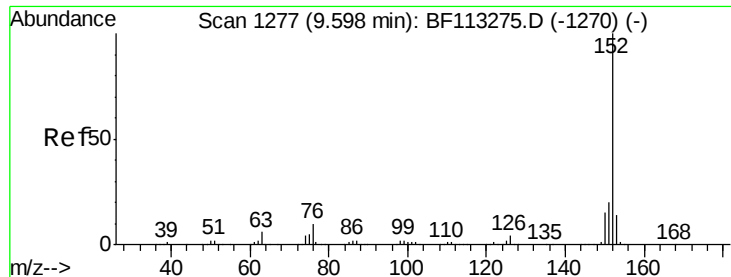
#45
 2-Fluorobiphenyl
 Concen: 70.416 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113335.D
 Acq: 27 Mar 2019 17:16

Tgt Ion:172 Resp: 1525128
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 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: 2.605 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

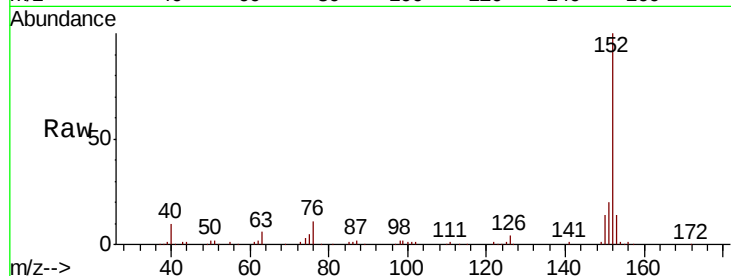
Tgt Ion:152 Resp: 88169

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.4

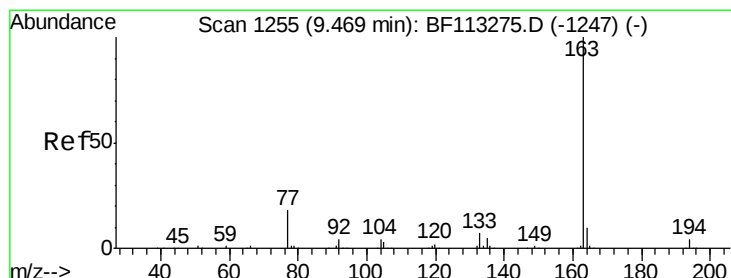
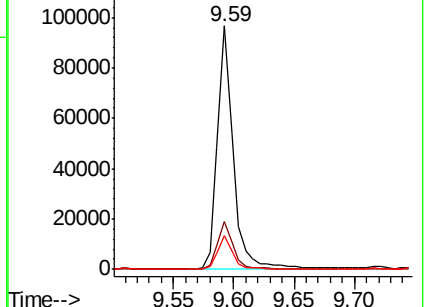
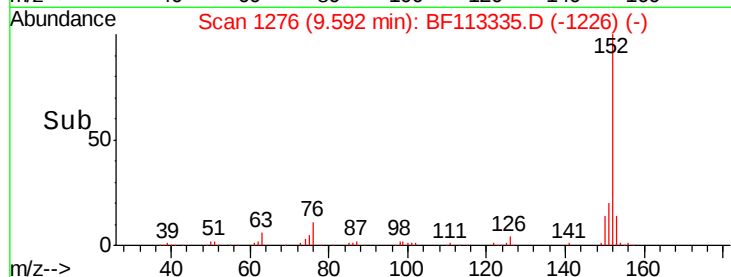
153 13.6 11.0 16.6



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: 5.450 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

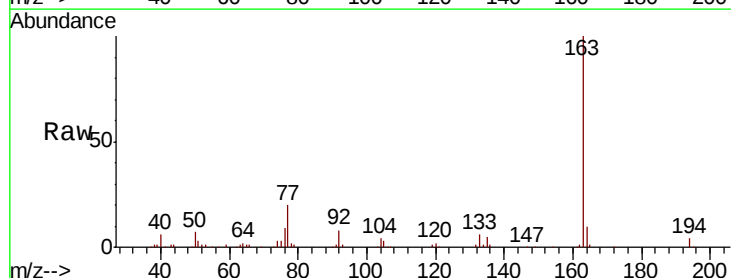
Tgt Ion:163 Resp: 131468

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

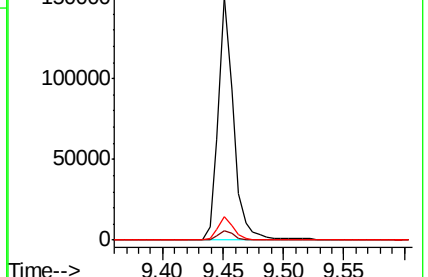
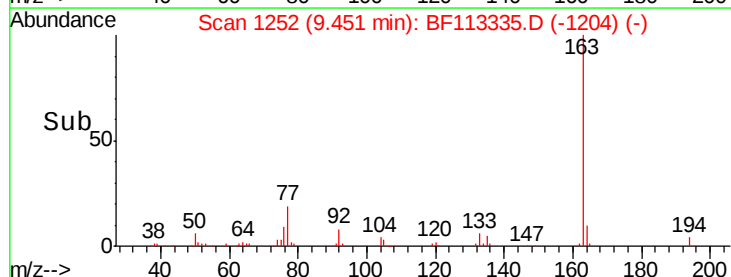
164 9.7 8.1 12.1

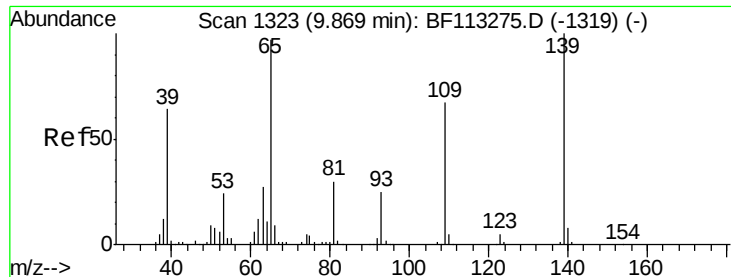


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

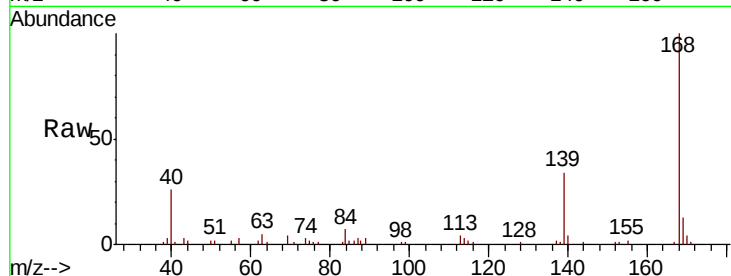




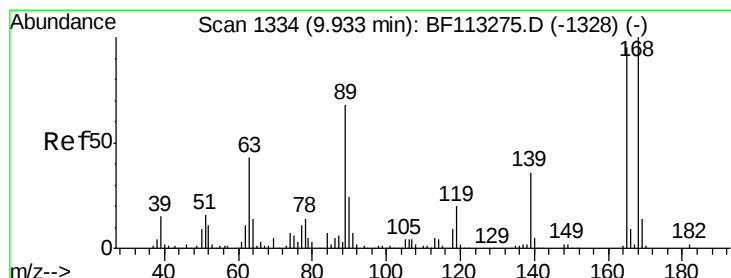
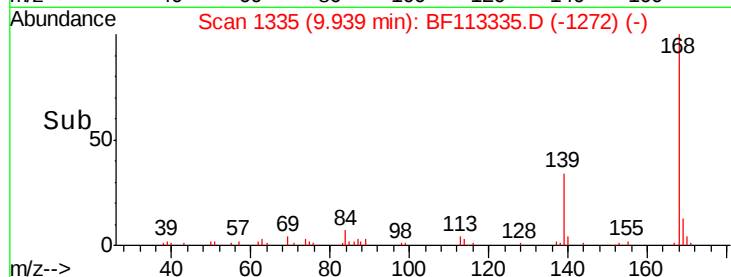
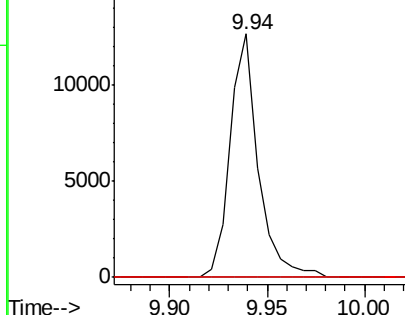
#56
4-Nitrophenol
Concen: 2.893 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.07 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
CS-15

Tgt Ion:139 Resp: 12659
Ion Ratio Lower Upper
139 100
109 0.0 46.9 86.9#
65 0.0 77.2 117.2#

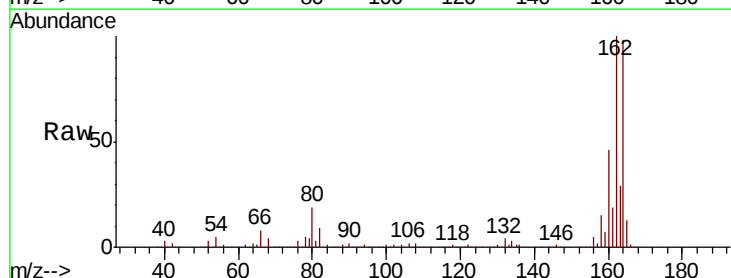


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

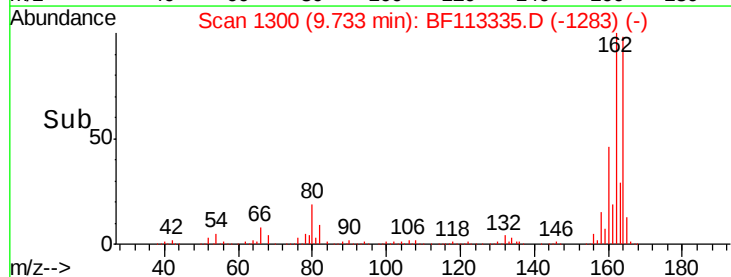
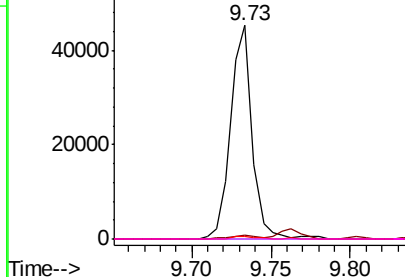


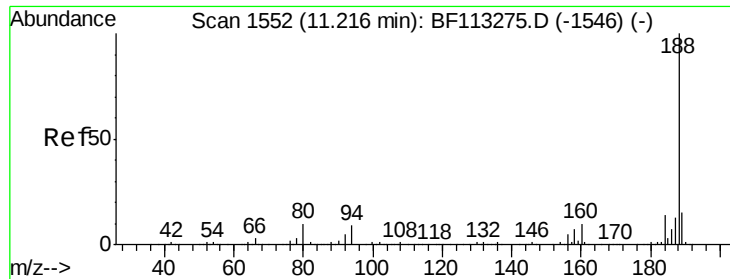
#57
2,4-Dinitrotoluene
Concen: 6.178 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Tgt Ion:165 Resp: 42754
Ion Ratio Lower Upper
165 100
63 1.5 37.5 56.3#
89 1.4 57.4 86.2#
182 0.0 2.0 3.0#



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

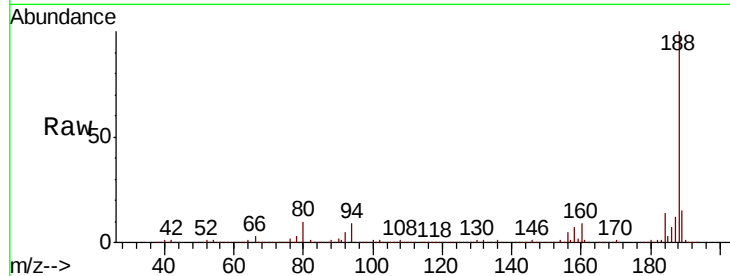




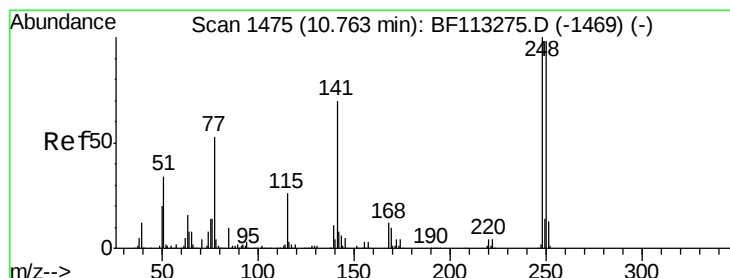
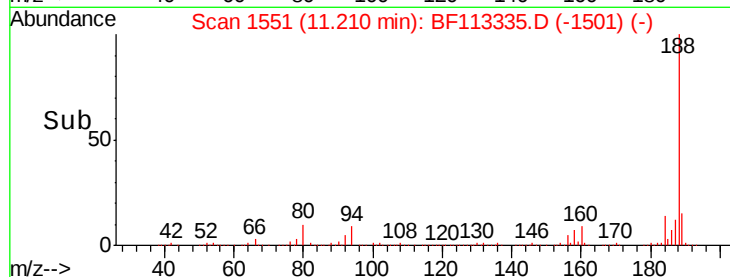
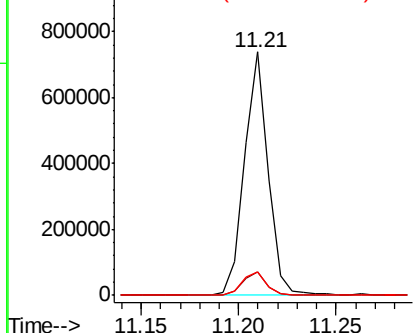
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113335.D
 Acq: 27 Mar 2019 17:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-15

Tgt Ion:188 Resp: 618767
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.6
 80 9.9 7.7 11.5

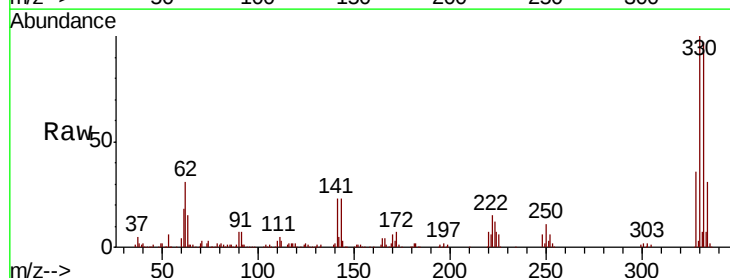


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

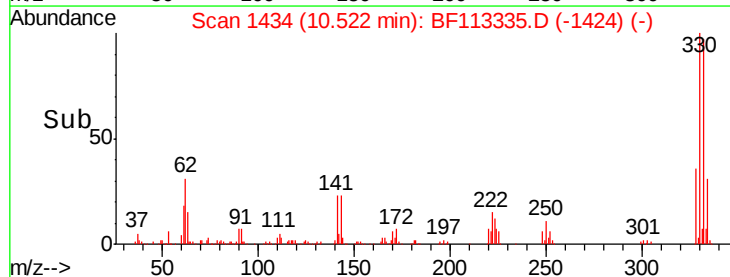
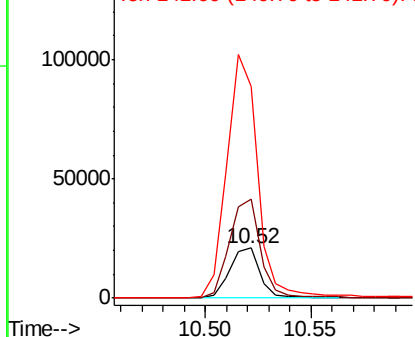


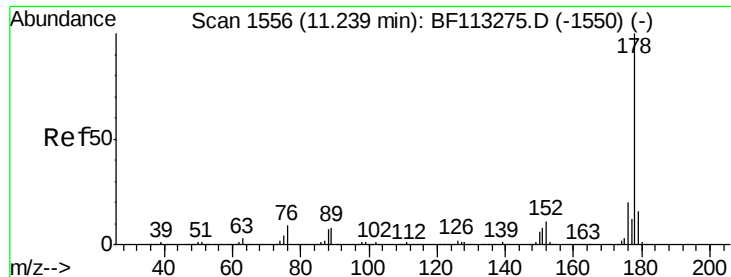
#67
 4-Bromophenyl-phenylether
 Concen: 3.118 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF113335.D
 Acq: 27 Mar 2019 17:16

Tgt Ion:248 Resp: 21029
 Ion Ratio Lower Upper
 248 100
 250 197.7 78.3 117.5#
 141 420.2 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

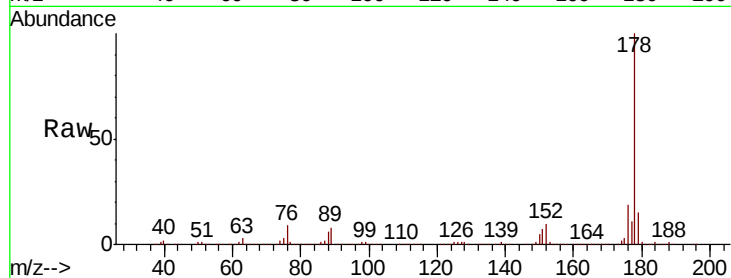




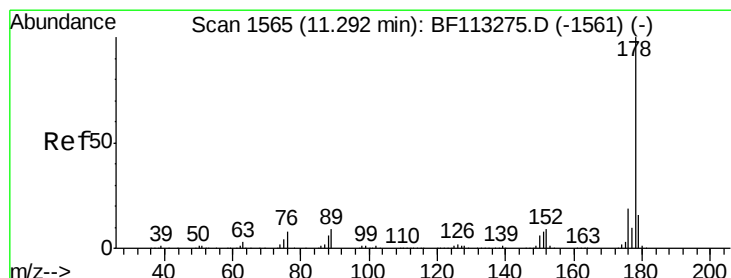
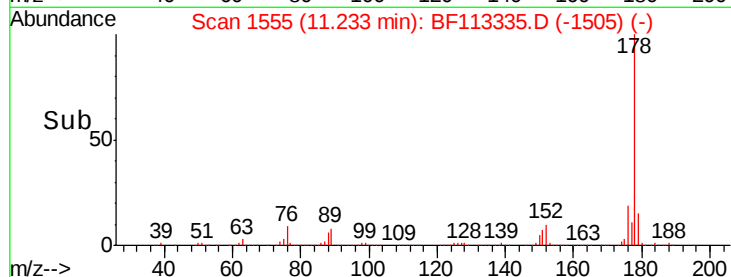
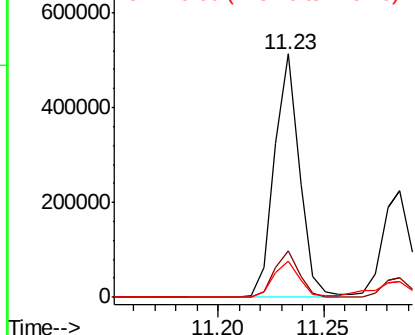
#71
Phenanthrene
Concen: 13.852 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Instrument :
BNA_F
ClientSampleId :
CS-15

Tgt Ion:178 Resp: 425644
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 15.1 12.7 19.1

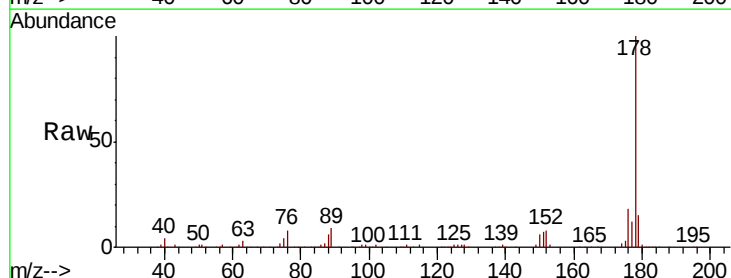


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

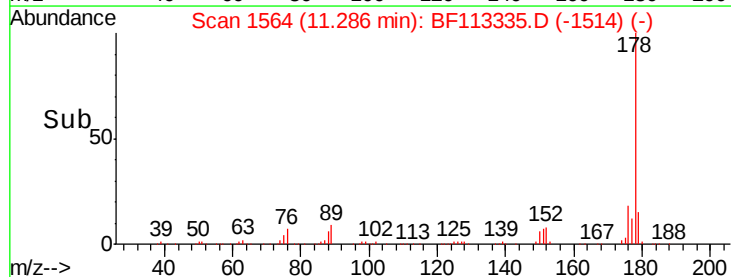
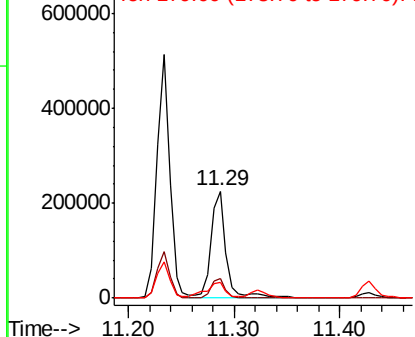


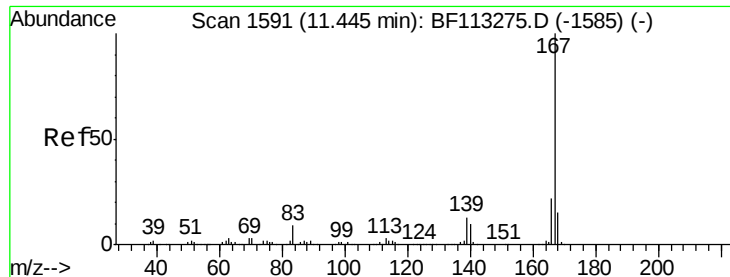
#72
Anthracene
Concen: 7.320 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Tgt Ion:178 Resp: 228478
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.1 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: 4.786 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

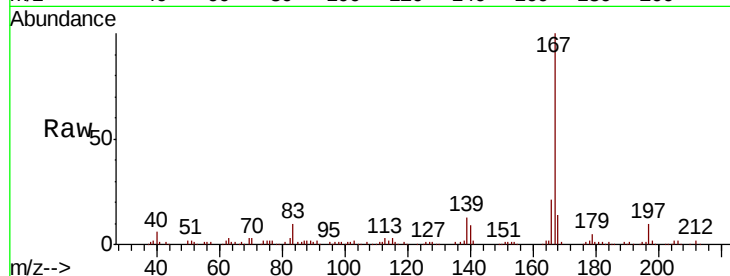
Tgt Ion:167 Resp: 142530

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.8 10.4 15.6

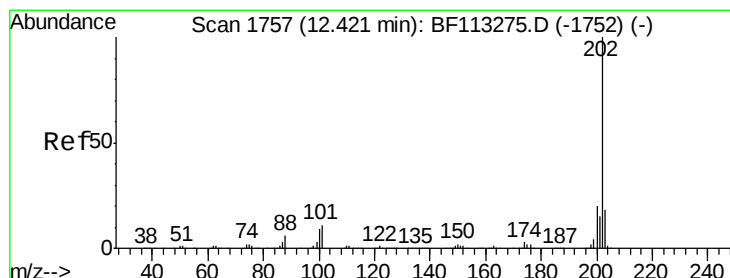
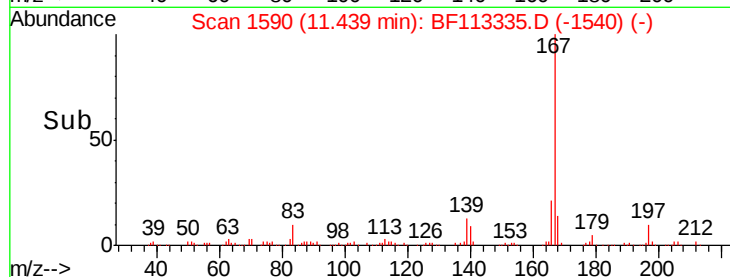
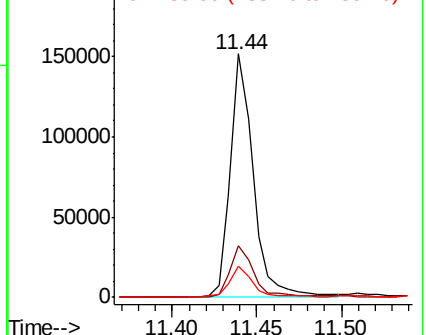


Abundance

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: 54.019 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

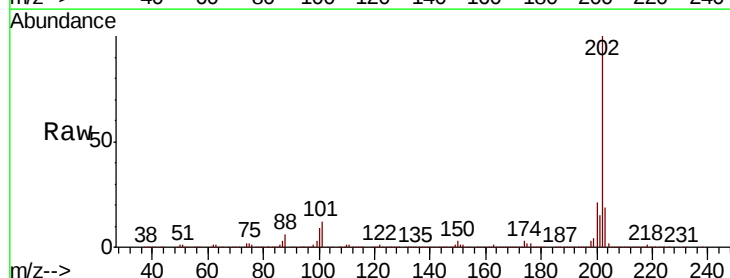
Tgt Ion:202 Resp: 1876505

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.4

203 18.8 0.0 38.0

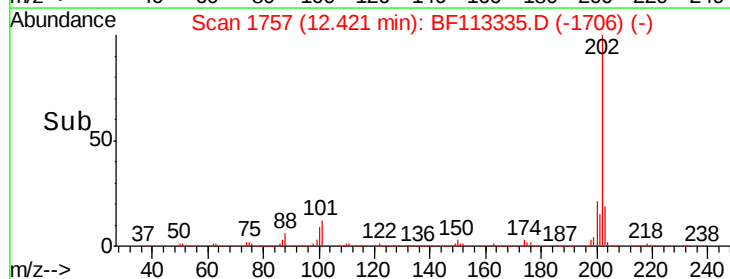
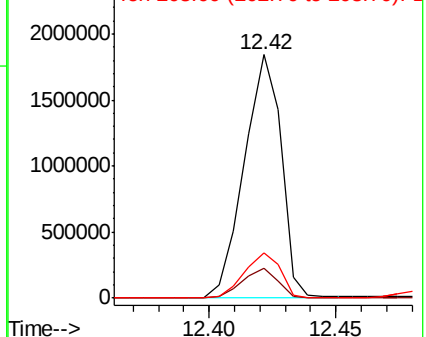


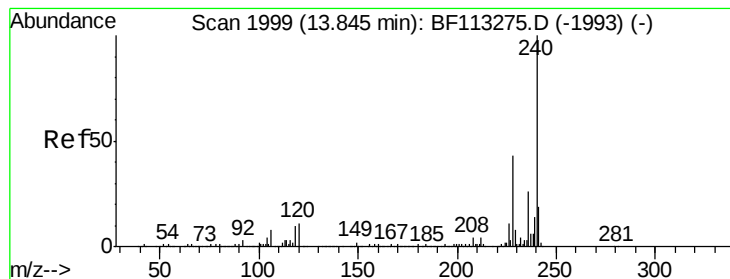
Abundance

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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

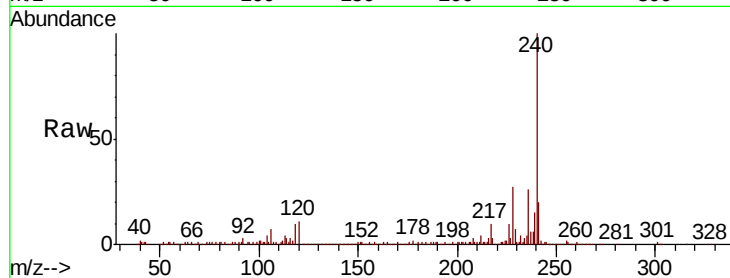
Tgt Ion:240 Resp: 425112

Ion Ratio Lower Upper

240 100

120 10.7 8.8 13.2

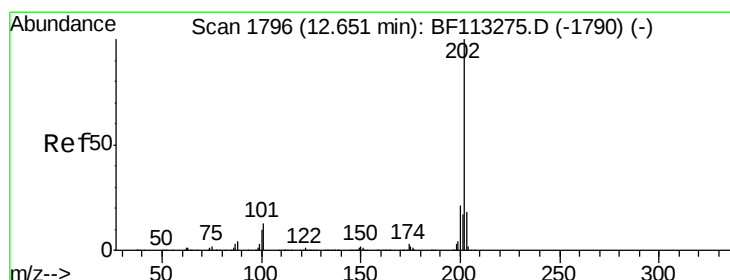
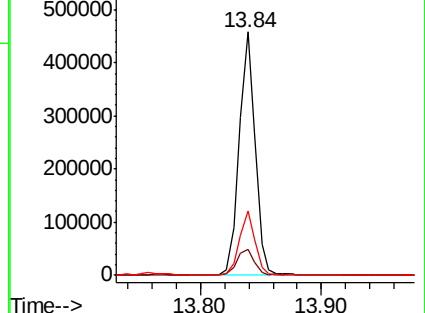
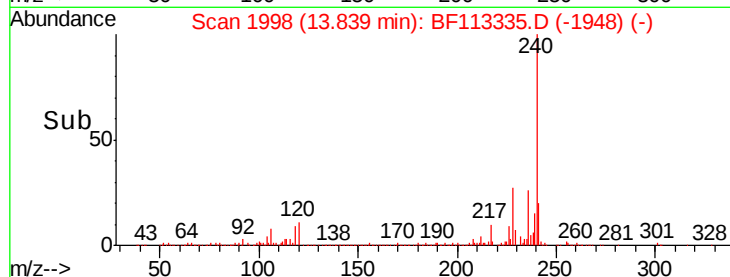
236 26.2 20.9 31.3



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: 55.293 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

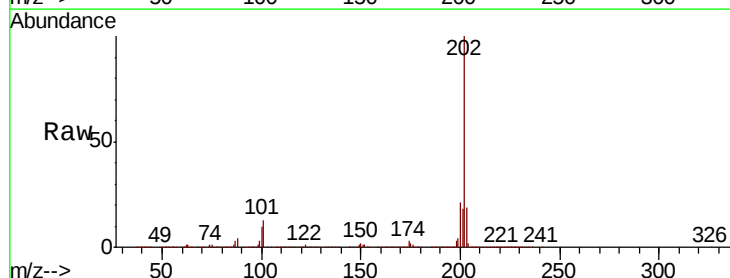
Tgt Ion:202 Resp: 1628876

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

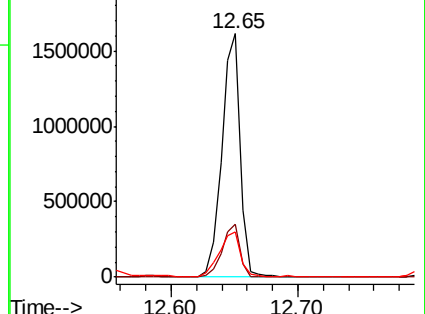
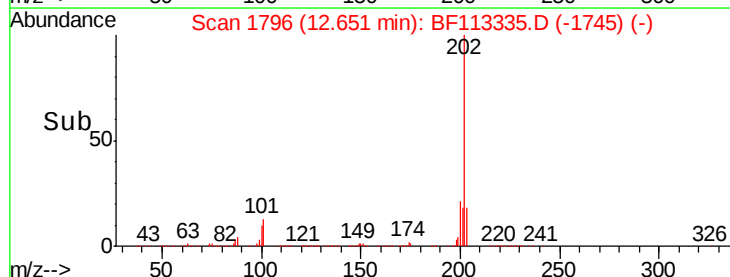
203 18.6 14.4 21.6

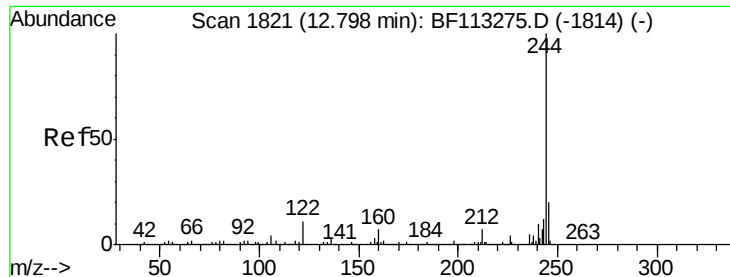


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.020 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

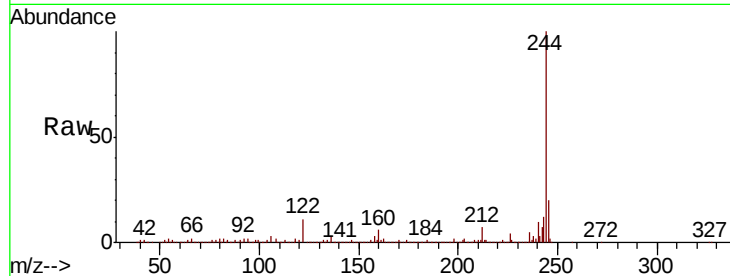
Tgt Ion:244 Resp: 1427599

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

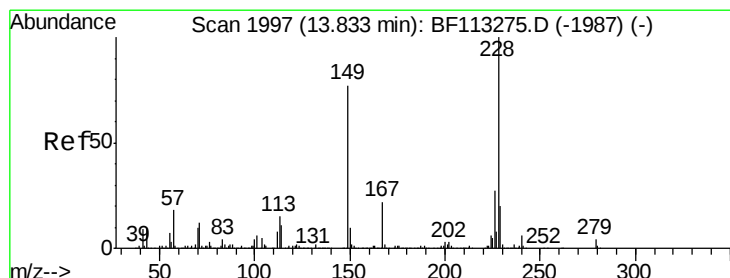
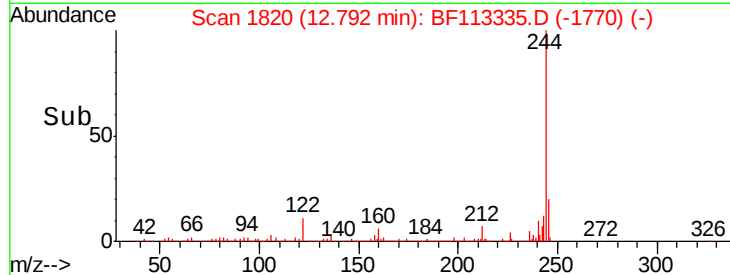
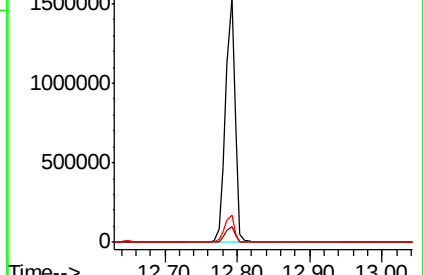
122 11.0 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 17.566 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

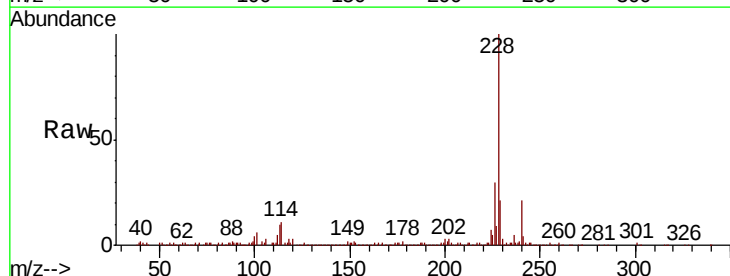
Tgt Ion:228 Resp: 427460

Ion Ratio Lower Upper

228 100

226 30.3 21.8 32.8

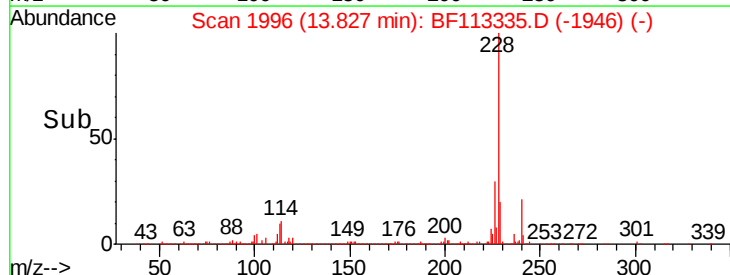
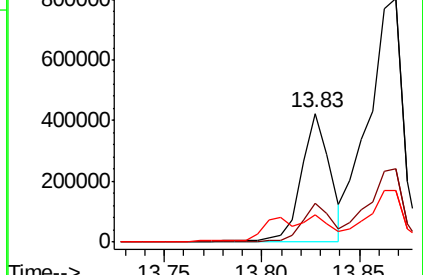
229 20.8 16.2 24.4

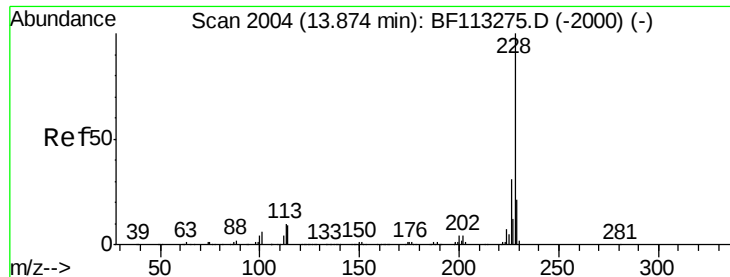


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 39.557 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

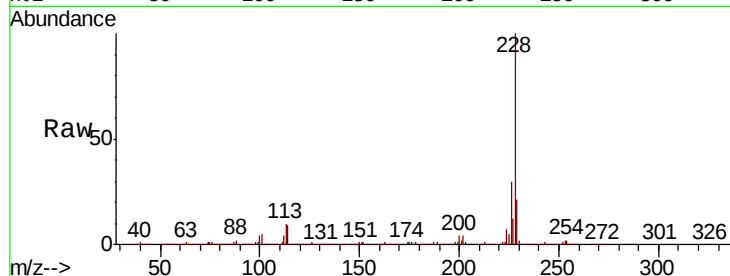
Tgt Ion:228 Resp: 977721

Ion Ratio Lower Upper

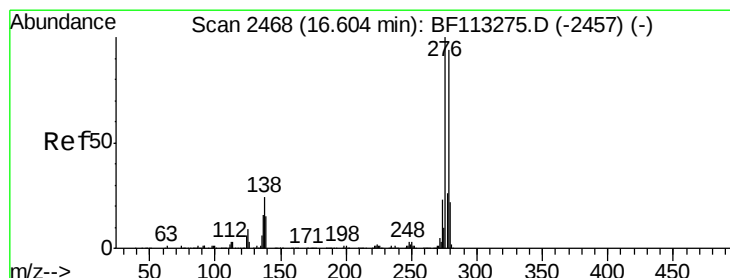
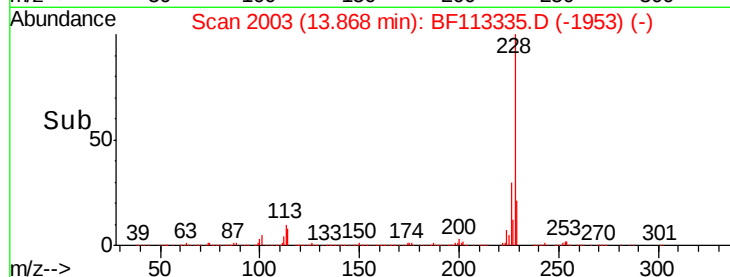
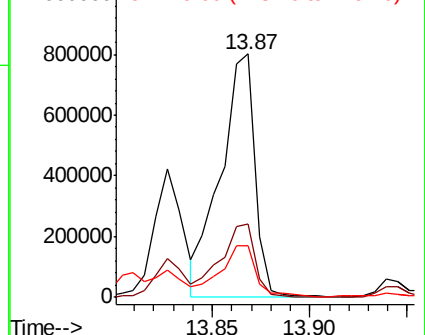
228 100

226 30.2 24.3 36.5

229 21.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.431 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

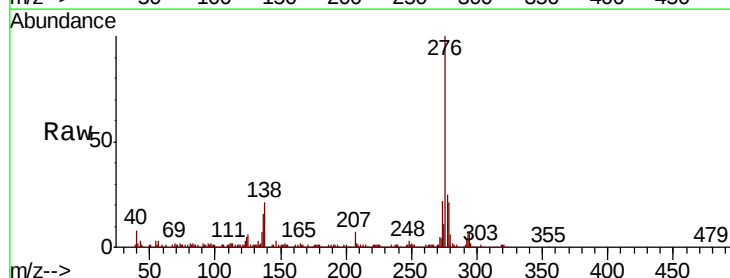
Tgt Ion:276 Resp: 200050

Ion Ratio Lower Upper

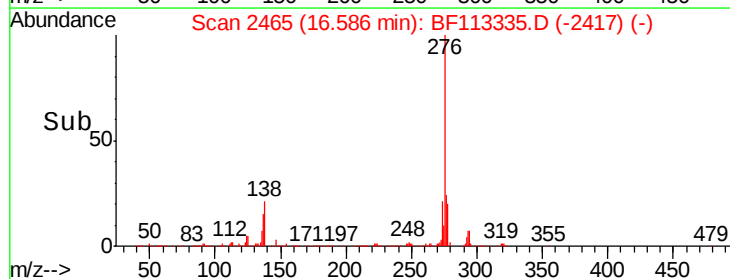
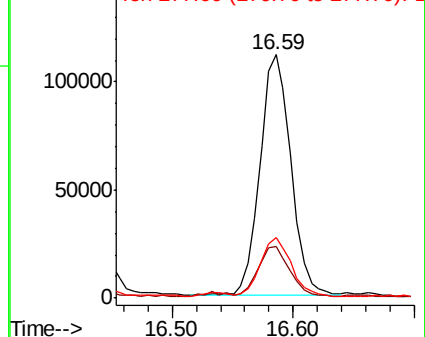
276 100

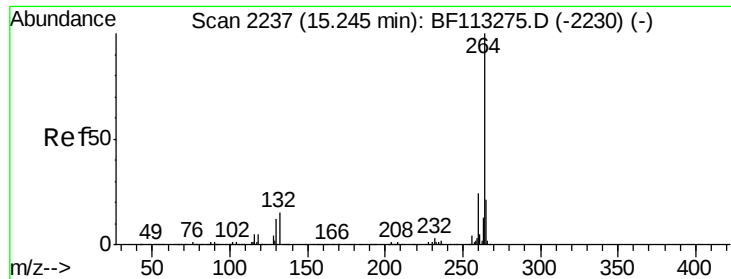
138 21.4 18.1 27.1

277 24.5 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



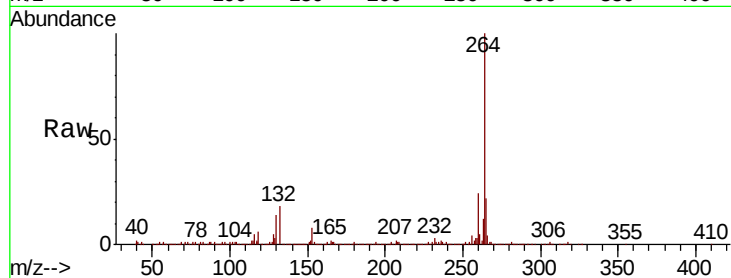


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

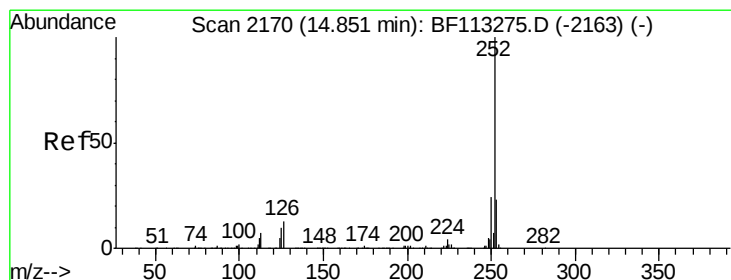
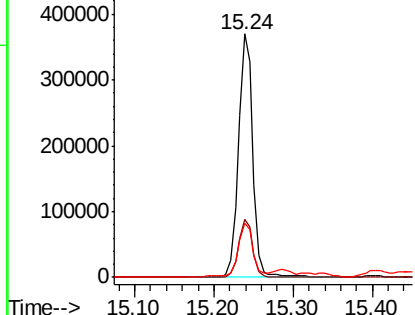
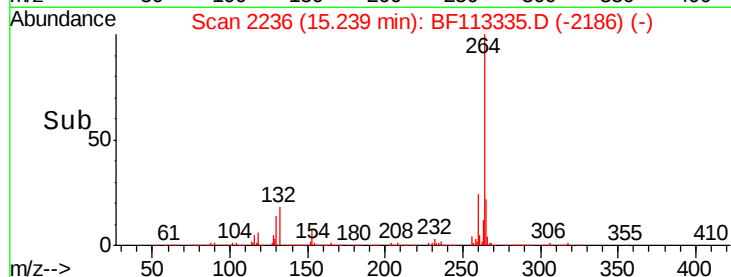
Instrument :
BNA_F
ClientSampleId :
CS-15

Tgt Ion:264 Resp: 460229

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.1	17.1	25.7



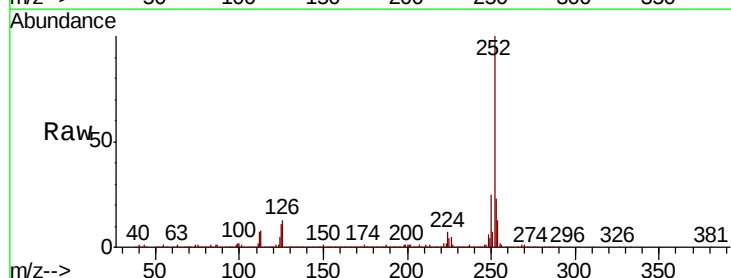
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



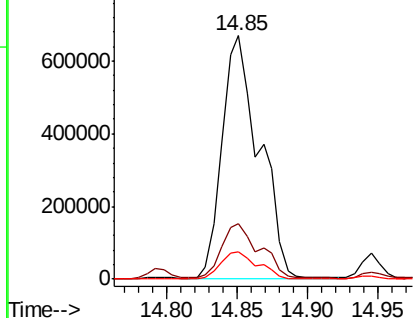
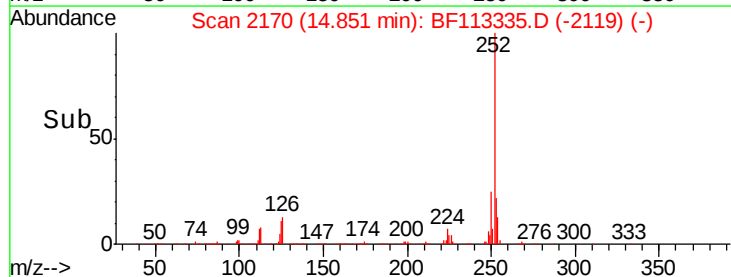
#88
Benzo(b)fluoranthene
Concen: 43.244 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

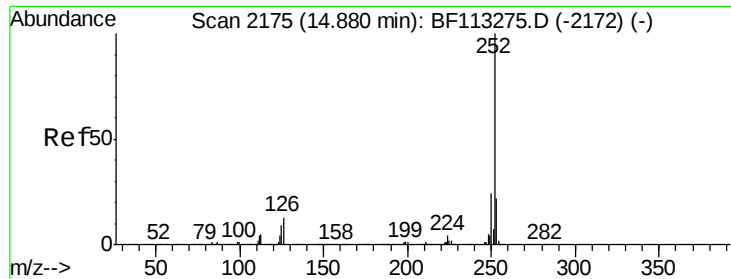
Tgt Ion:252 Resp: 1236316

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.4	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

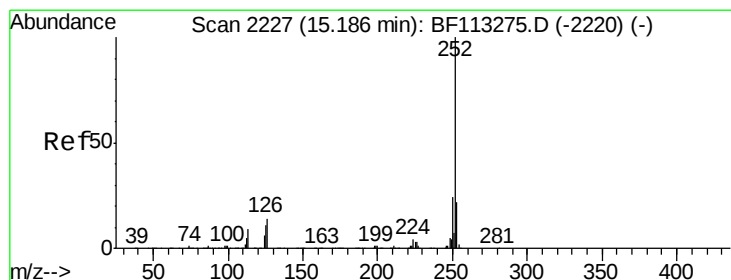
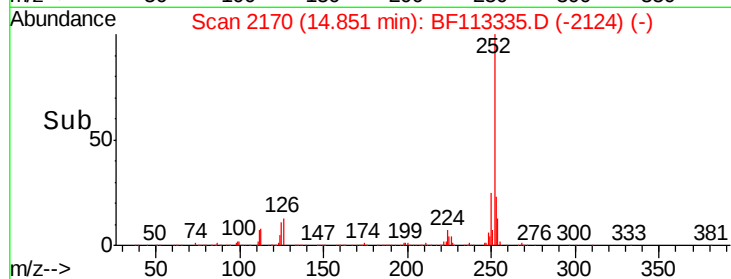
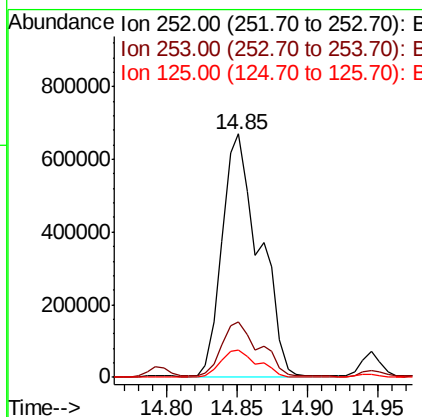
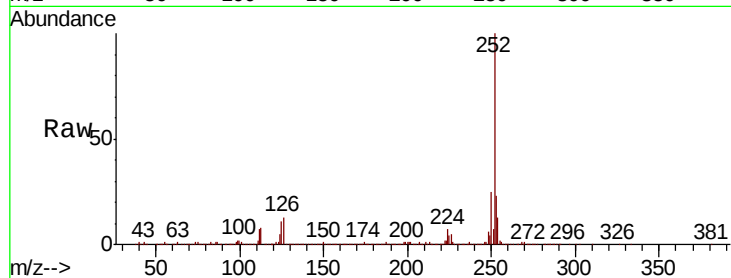




#89
Benzo(k)fluoranthene
Concen: 49.243 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

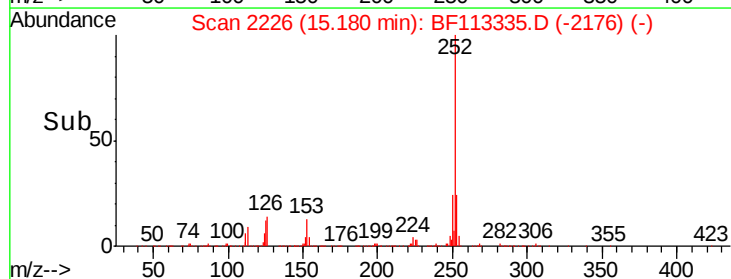
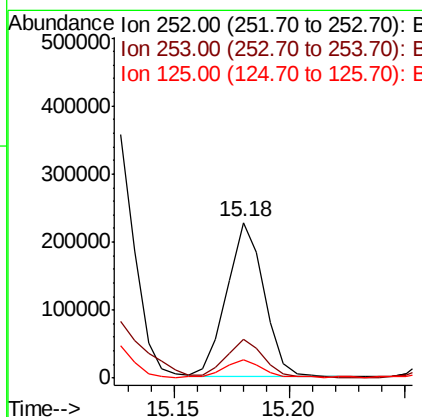
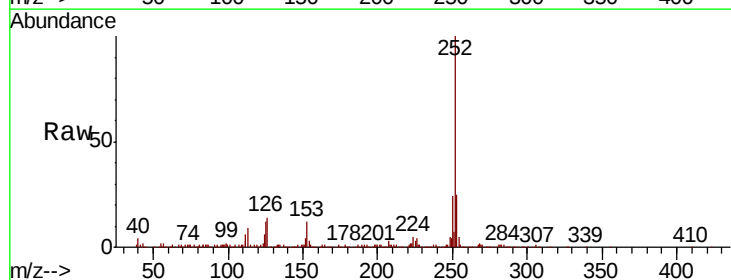
Instrument :
BNA_F
ClientSampleId :
CS-15

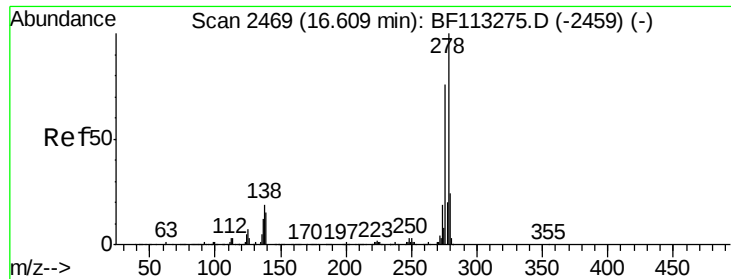
Tgt Ion:252 Resp: 1236316
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.4 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 10.116 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113335.D
Acq: 27 Mar 2019 17:16

Tgt Ion:252 Resp: 256399
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 11.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 2.459 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.02 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

Instrument :

BNA_F

ClientSampleId :

CS-15

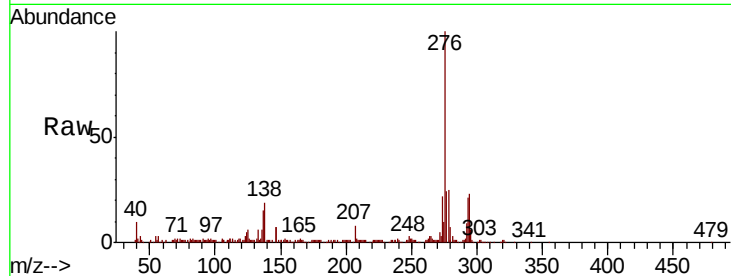
Tgt Ion:278 Resp: 53888

Ion Ratio Lower Upper

278 100

139 0.0 12.0 18.0#

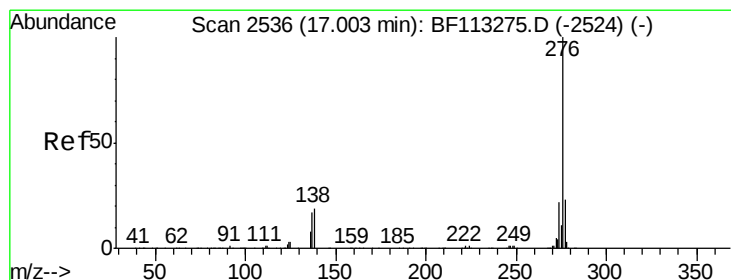
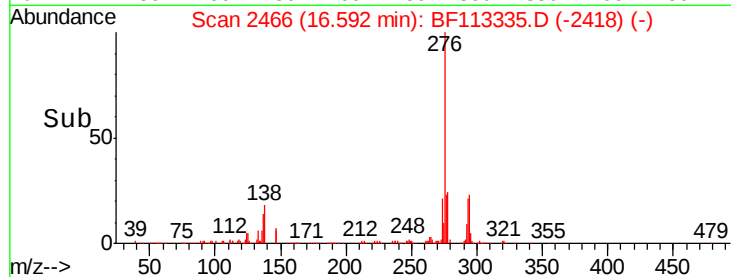
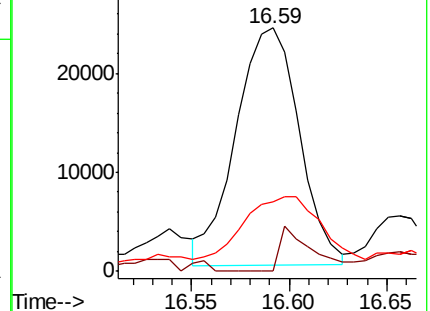
279 28.5 19.0 28.6



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: 8.225 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF113335.D

Acq: 27 Mar 2019 17:16

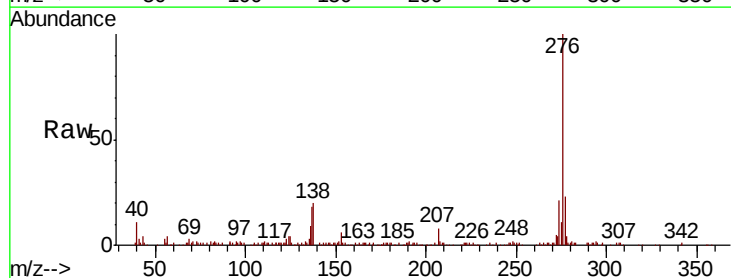
Tgt Ion:276 Resp: 181750

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.3 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

