

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
 Data File : BF111790.D
 Acq On : 28 Dec 2018 15:57
 Operator : JU/SJ
 Sample : J6195-11 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-122618-A

Quant Time: Dec 29 01:10:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	165535	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	625092	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	282279	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	441701	20.00	ng	0.01
76) Chrysene-d12	14.07	240	366414	20.00	ng	0.02
87) Perylene-d12	15.56	264	295968	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	452458	46.59	ng	0.02
7) Phenol-d6	6.54	99	592623	47.95	ng	0.02
23) Nitrobenzene-d5	7.46	82	372749	34.71	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	141331	42.37	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	679440	35.08	ng	0.00
79) Terphenyl-d14	13.01	244	527177	27.28	ng	0.01

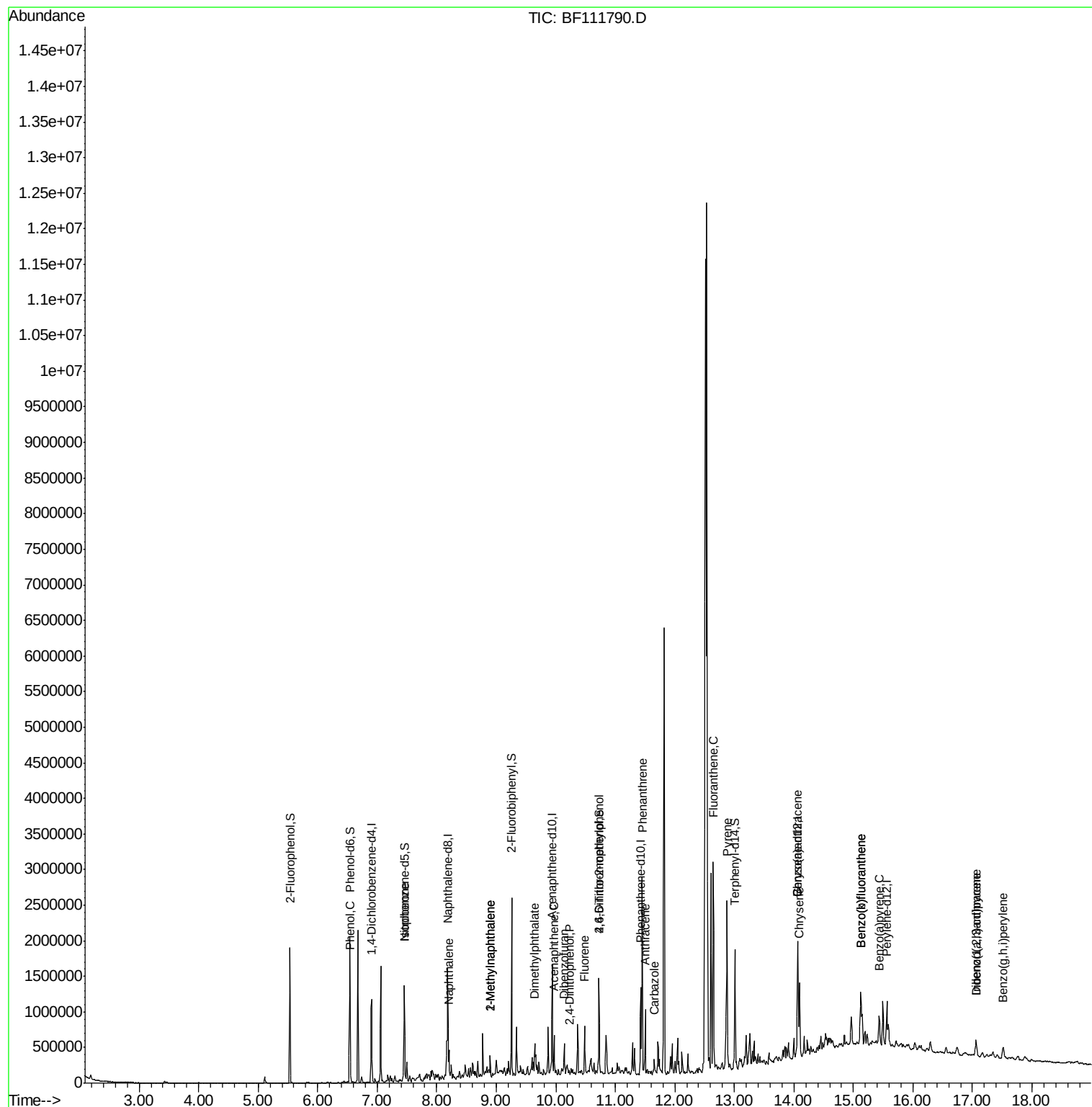
Target Compounds				Qvalue		
10) Phenol	6.55	94	40416	2.898	ng	97
25) Isophorone	7.46	82	365789	19.187	ng	# 64
31) Naphthalene	8.20	128	141724	4.719	ng	96
37) 2-Methylnaphthalene	8.90	142	68722	3.517	ng	100
38) 1-Methylnaphthalene	8.90	142	68722	3.662	ng	96
50) Dimethylphthalate	9.65	163	116044	5.622	ng	# 97
52) Acenaphthene	9.97	154	109137	6.419	ng	97
54) 2,4-Dinitrophenol	10.22	184	106	7.380	ng	# 12
55) Dibenzofuran	10.15	168	134659	5.243	ng	96
58) Fluorene	10.49	166	164911	8.910	ng	99
65) 4,6-Dinitro-2-methylphenol	10.73	198	277	6.823	ng	# 1
71) Phenanthrene	11.45	178	1029864	43.964	ng	94
72) Anthracene	11.50	178	346054	14.718	ng	94
73) Carbazole	11.65	167	74718	3.273	ng	93
75) Fluoranthene	12.64	202	1154610	48.674	ng	96
78) Pyrene	12.87	202	959010	37.063	ng	97
81) Benzo(a)anthracene	14.06	228	481492	23.026	ng	99
83) Chrysene	14.09	228	398044	19.367	ng	97
86) Indeno(1,2,3-cd)pyrene	17.06	276	164939	9.440	ng	# 84
88) Benzo(b)fluoranthene	15.12	252	604325	34.937	ng	96
89) Benzo(k)fluoranthene	15.12	252	604325	36.697	ng	97
90) Benzo(a)pyrene	15.43	252	195246	12.424	ng	95
91) Dibenzo(a,h)anthracene	17.07	278	38308	2.784	ng	# 90
92) Benzo(g,h,i)perylene	17.52	276	144412	10.747	ng	# 90

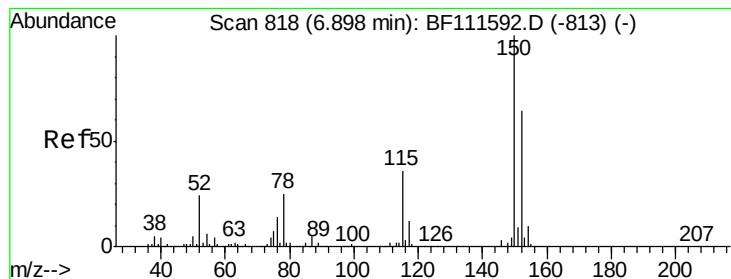
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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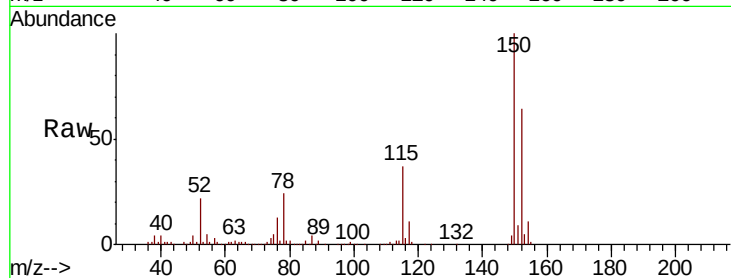


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	57.9	50.7	76.1

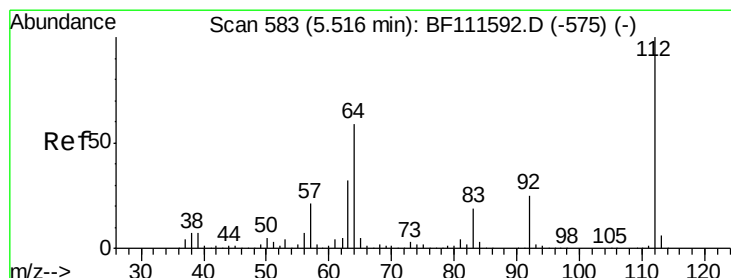
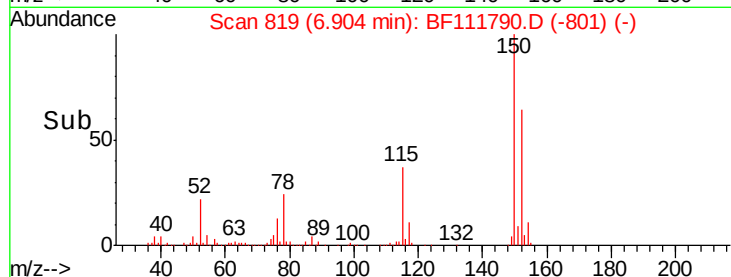
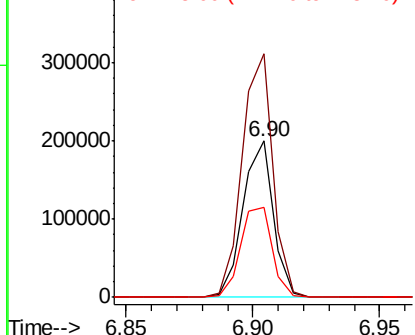


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

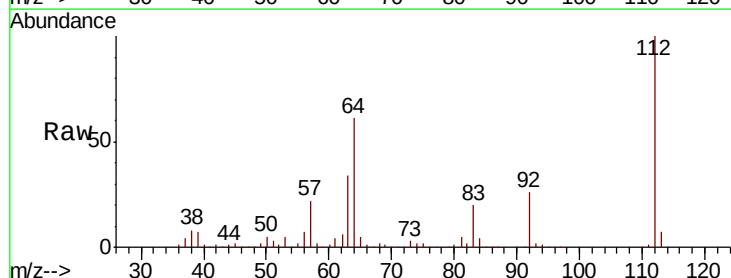
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.590 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	51.8	77.6
63	34.2	26.8	40.2

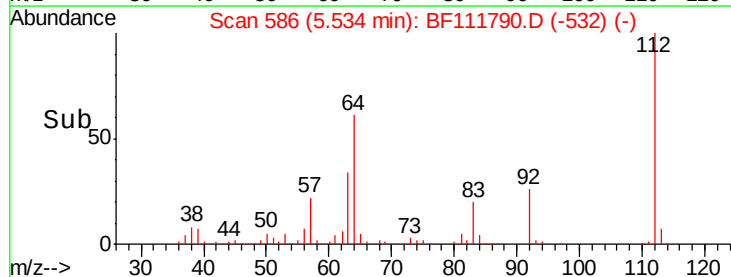
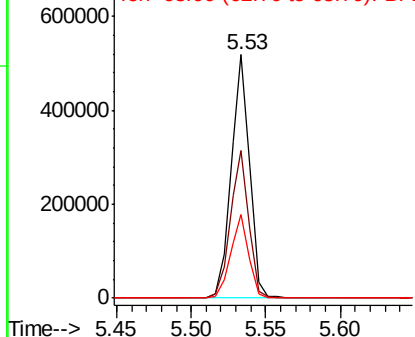


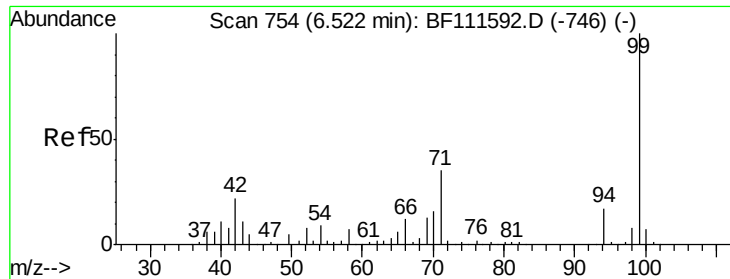
Abundance

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: 47.950 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

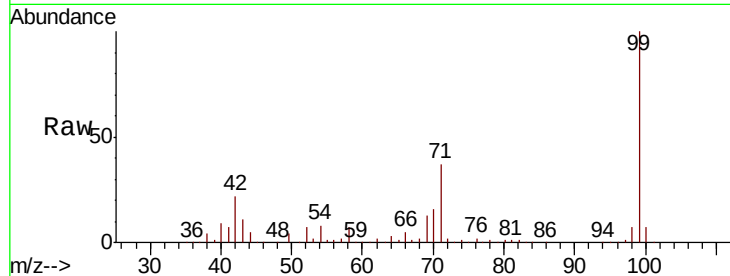
Tgt Ion: 99 Resp: 592623

Ion Ratio Lower Upper

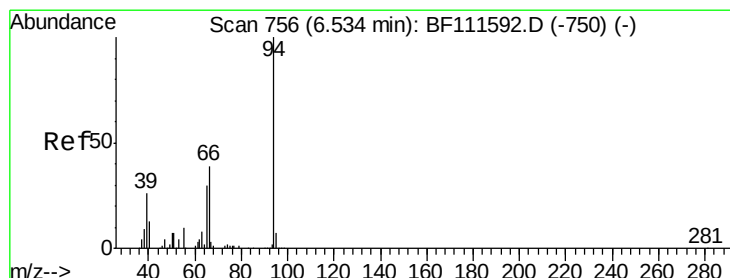
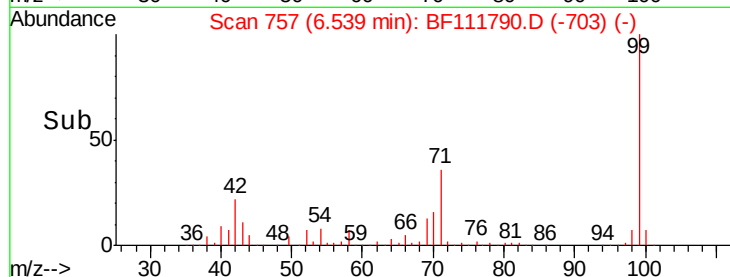
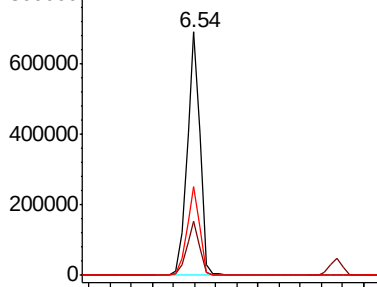
99 100

42 22.0 17.4 26.0

71 36.5 26.1 39.1



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: 2.898 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

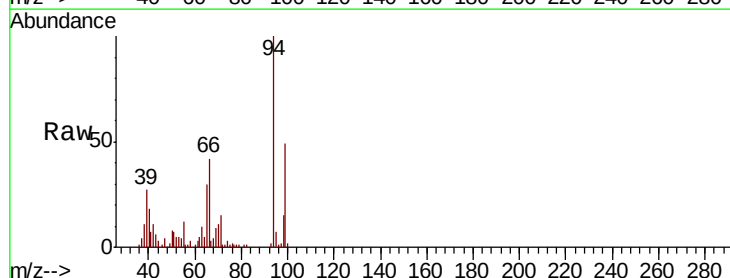
Tgt Ion: 94 Resp: 40416

Ion Ratio Lower Upper

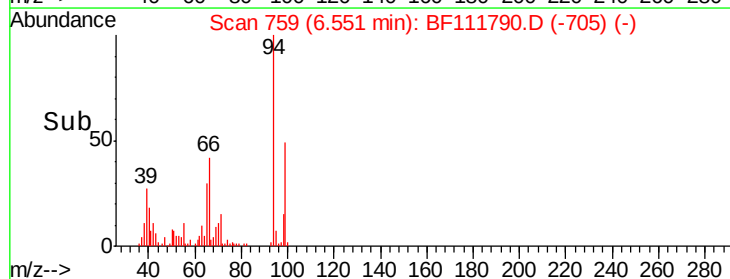
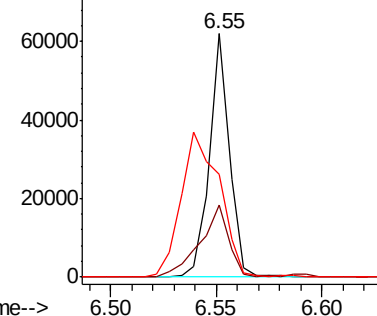
94 100

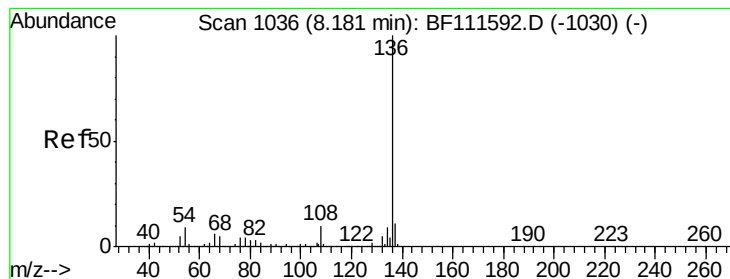
65 29.5 11.7 51.7

66 42.3 21.0 61.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

Tgt Ion: 136 Resp: 625092

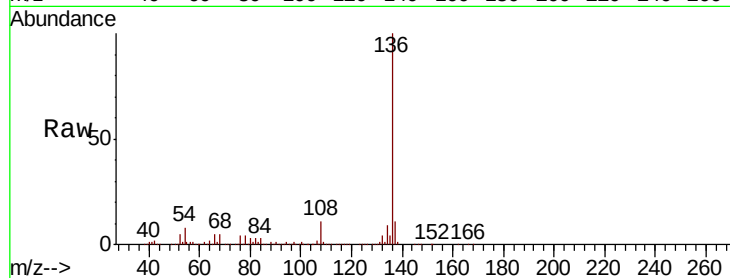
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 8.4 7.7 11.5

68 5.1 4.9 7.3

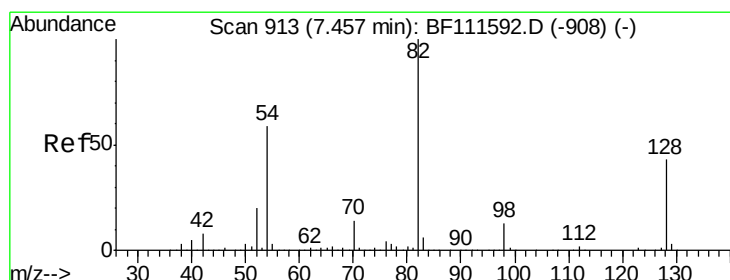
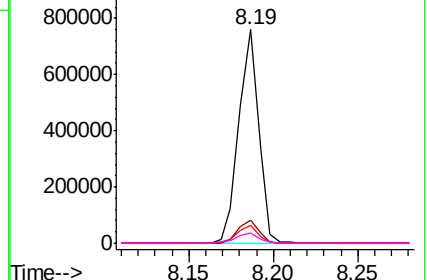
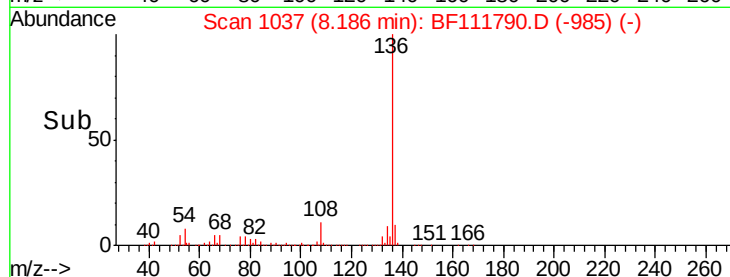


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.710 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

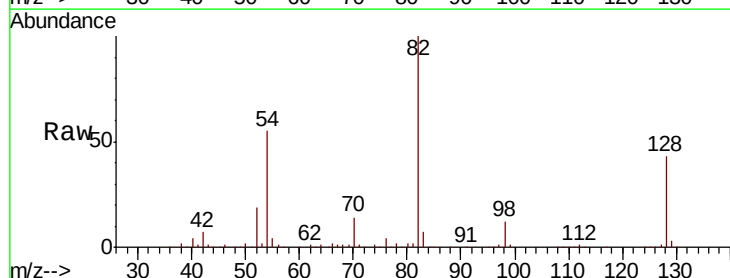
Tgt Ion: 82 Resp: 372749

Ion Ratio Lower Upper

82 100

128 42.7 37.4 56.2

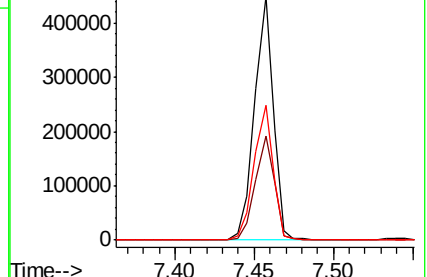
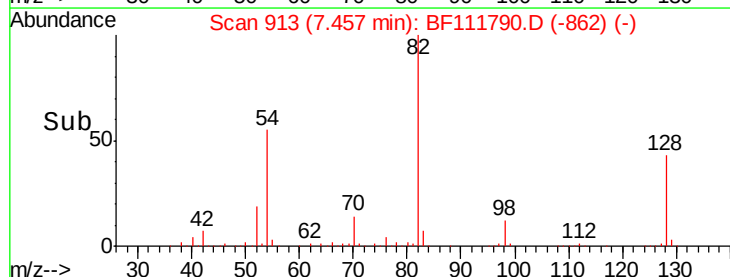
54 55.4 47.6 71.4

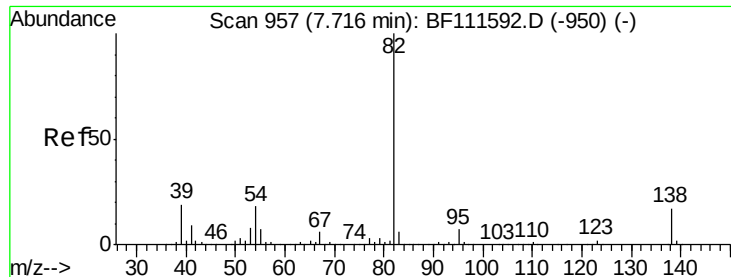


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

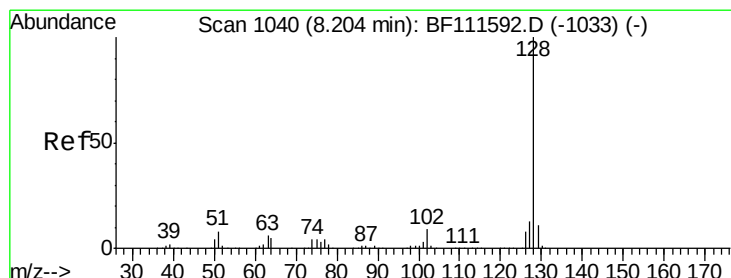
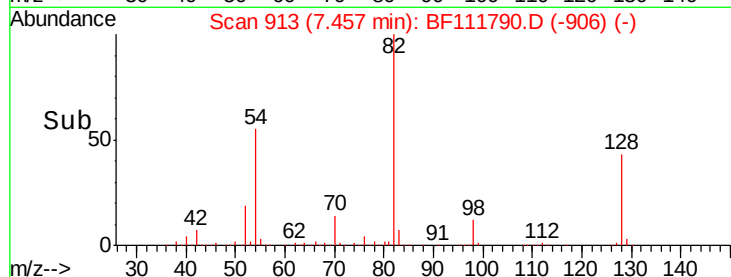
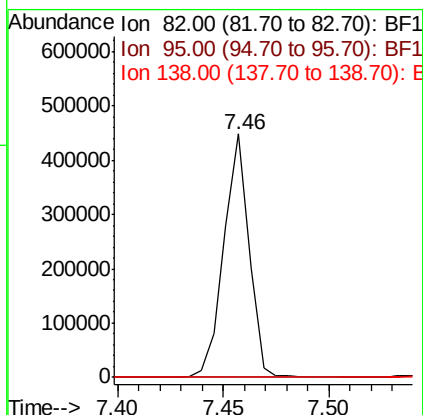
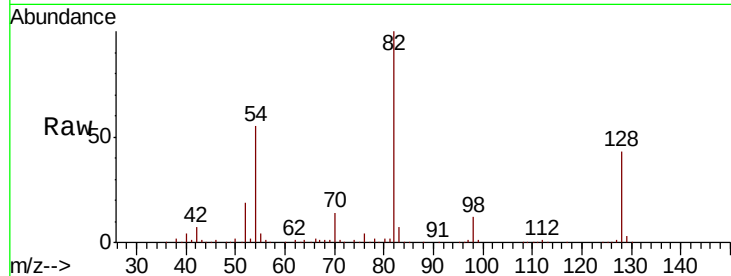




#25
Isophorone
Concen: 19.187 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

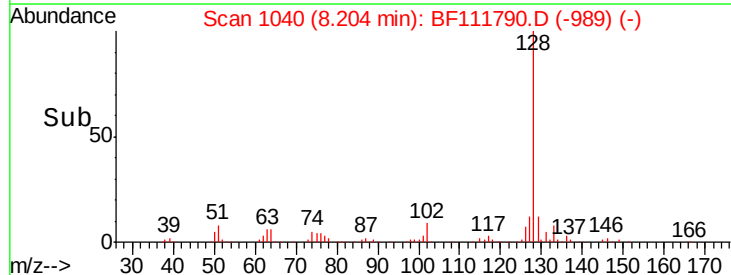
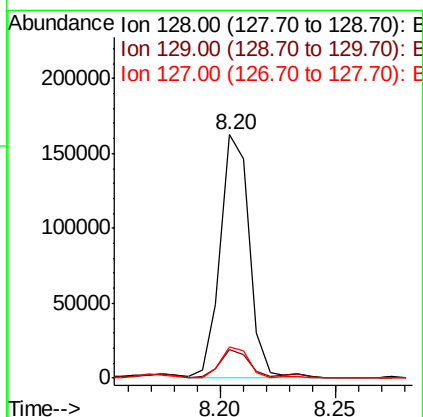
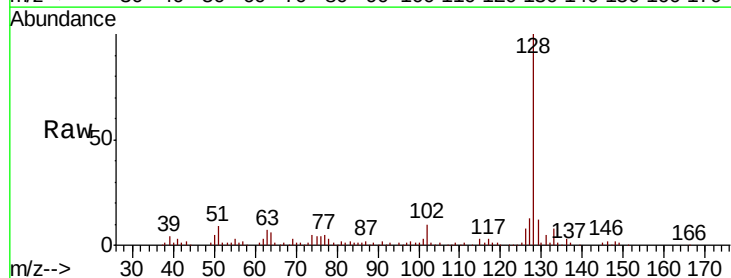
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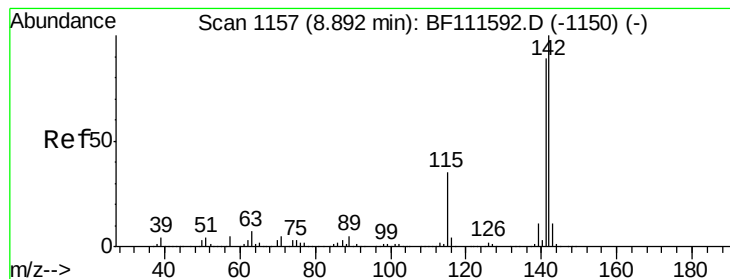
Tgt Ion: 82 Resp: 365789
Ion Ratio Lower Upper
82 100
95 0.3 5.4 8.2#
138 0.0 15.1 22.7#



#31
Naphthalene
Concen: 4.719 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion: 128 Resp: 141724
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 12.6 12.0 18.0





#37

2-Methylnaphthalene

Concen: 3.517 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

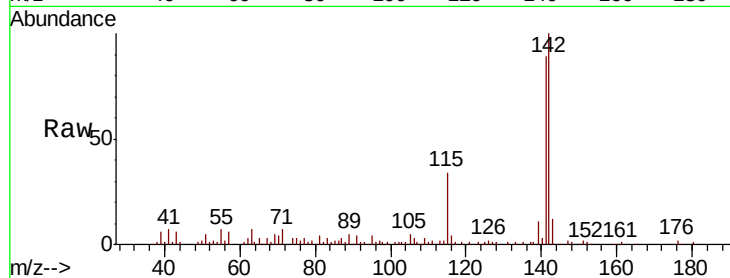
Tgt Ion:142 Resp: 68722

Ion Ratio Lower Upper

142 100

141 88.5 70.6 105.8

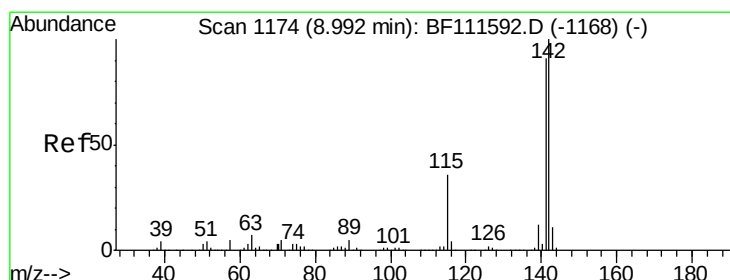
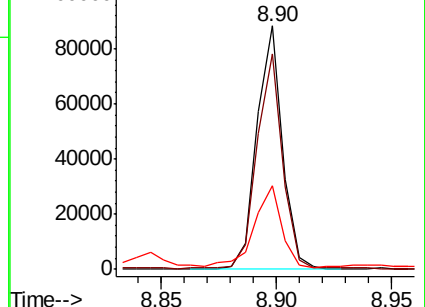
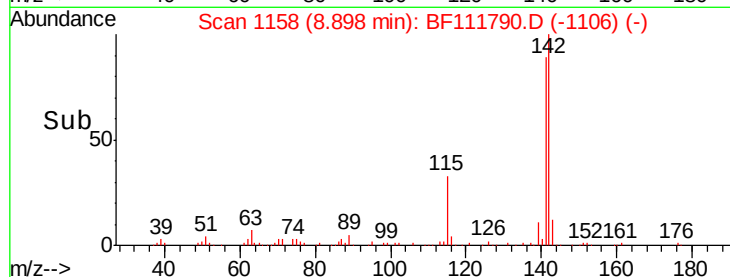
115 34.3 27.0 40.6



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: 3.662 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.09 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

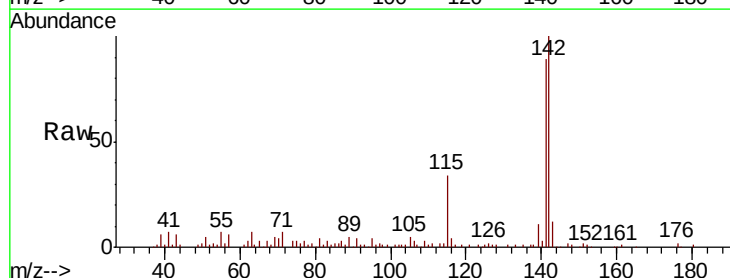
Tgt Ion:142 Resp: 68722

Ion Ratio Lower Upper

142 100

141 88.5 74.2 111.4

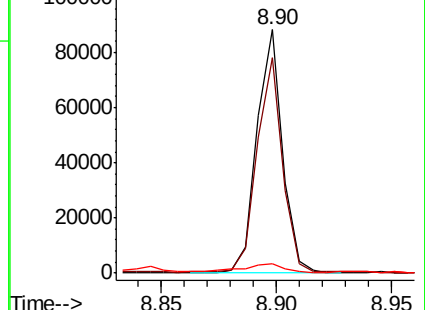
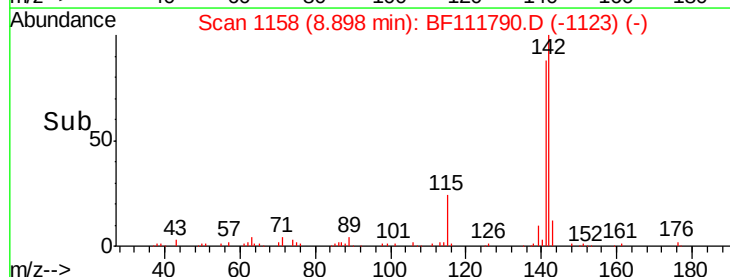
116 3.8 2.9 4.3

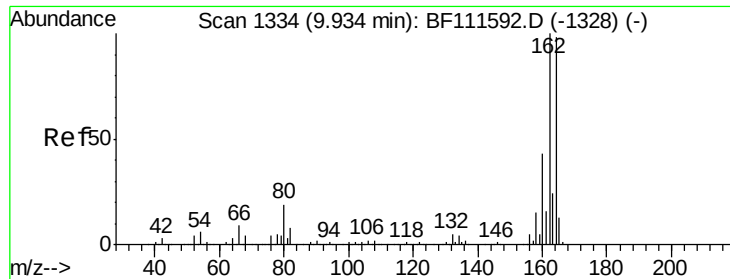


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

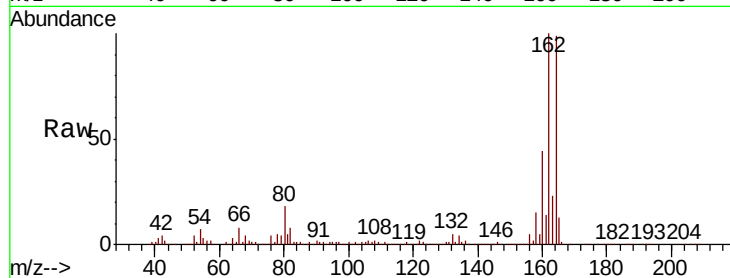




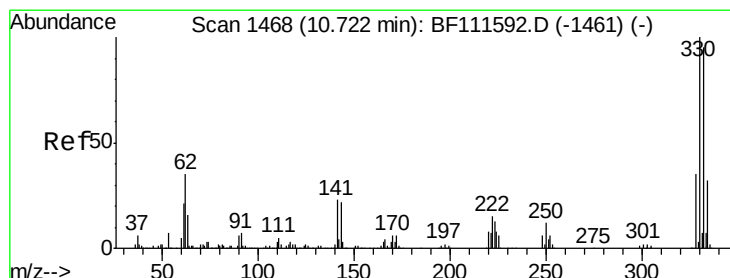
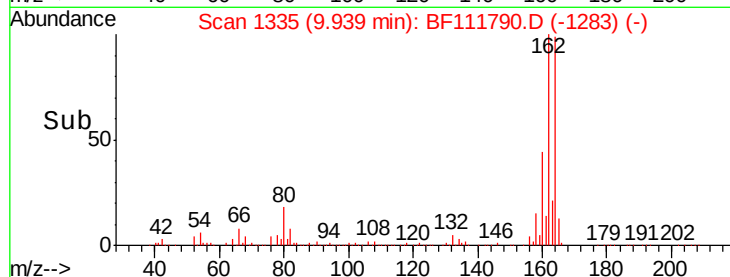
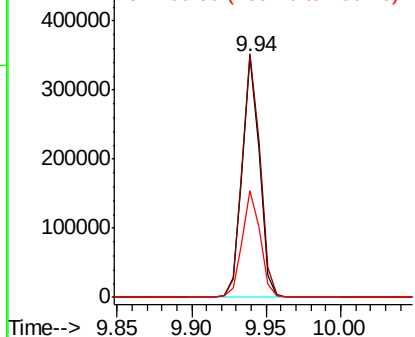
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
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OR-01-122618-A

Tgt Ion:164 Resp: 282279
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.4 35.7 53.5

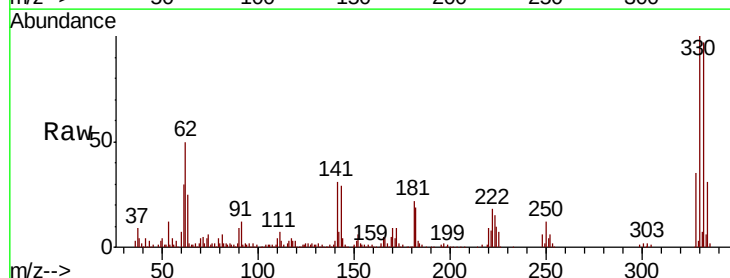


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

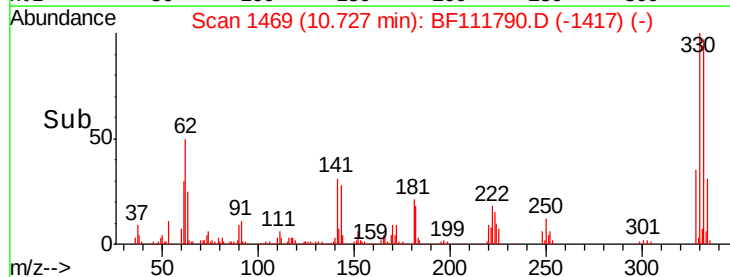
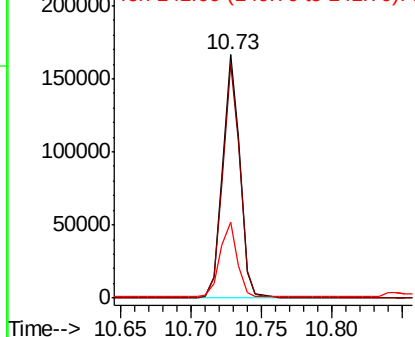


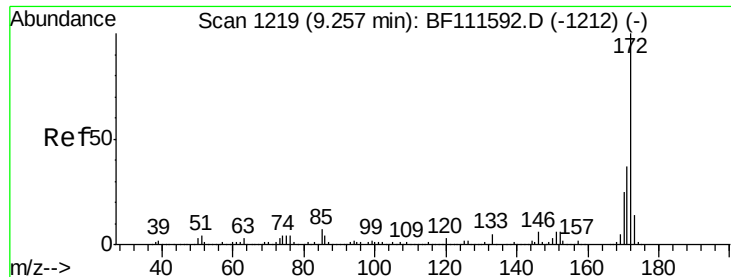
#42
2,4,6-Tribromophenol
Concen: 42.374 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:330 Resp: 141331
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 30.5 31.0 46.6#



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

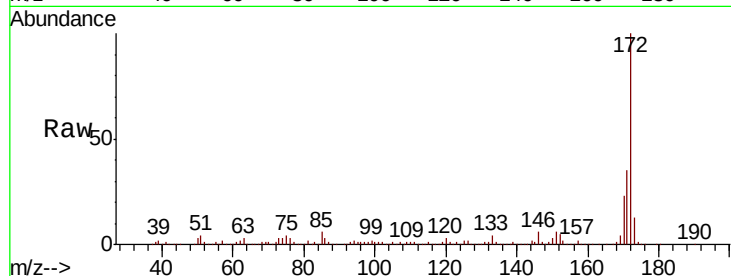




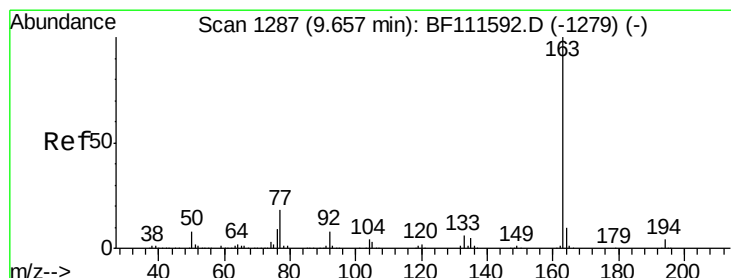
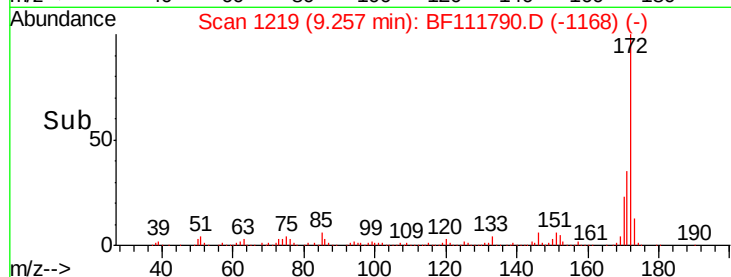
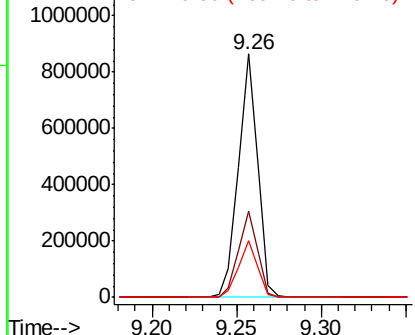
#45
2-Fluorobiphenyl
Concen: 35.084 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion:172 Resp: 679440
Ion Ratio Lower Upper
172 100
171 35.3 33.0 49.4
170 23.2 22.3 33.5

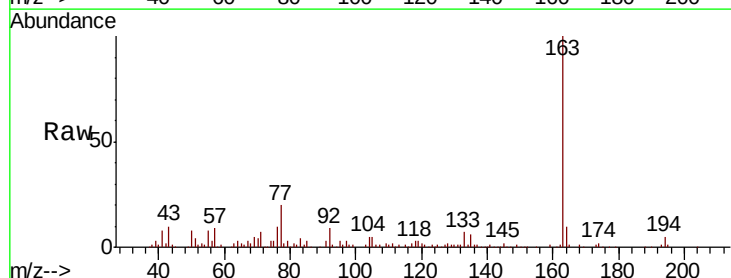


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

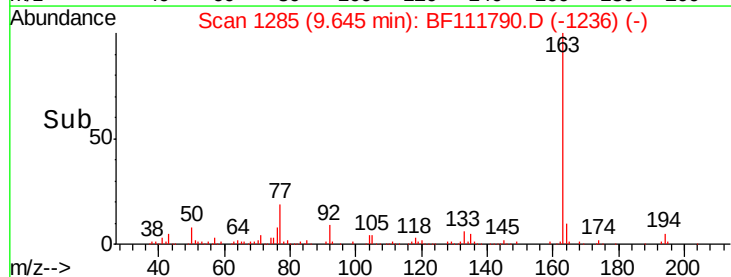
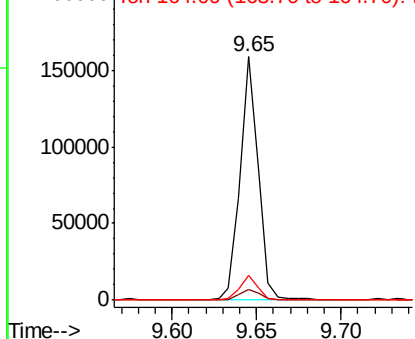


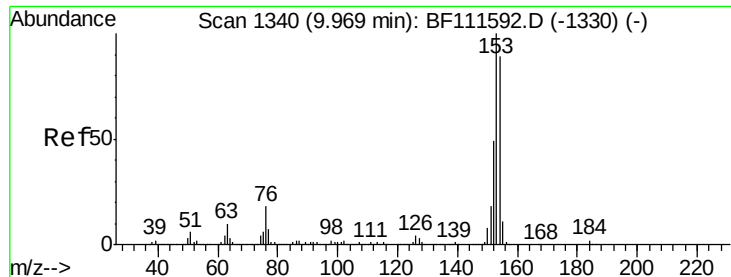
#50
Dimethylphthalate
Concen: 5.622 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:163 Resp: 116044
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 10.1 8.9 13.3



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: 6.419 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

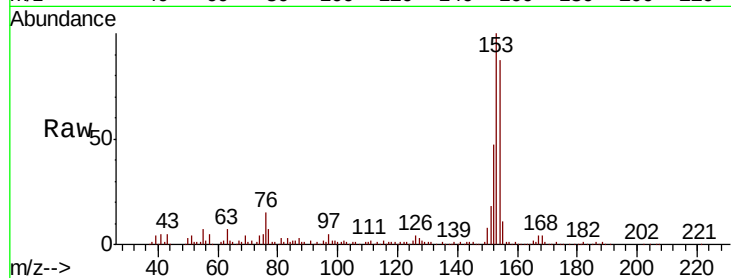
Tgt Ion:154 Resp: 109137

Ion Ratio Lower Upper

154 100

153 114.7 87.8 131.8

152 54.4 43.4 65.2

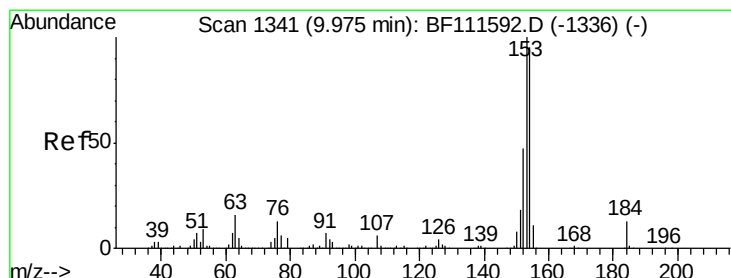
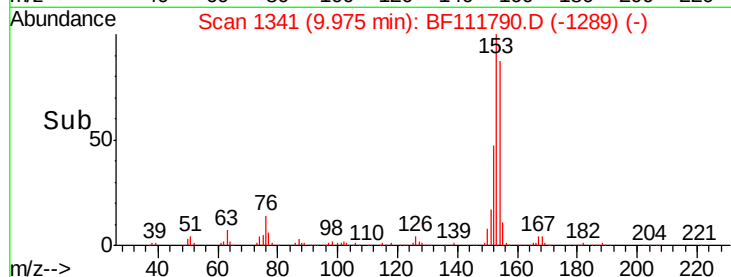
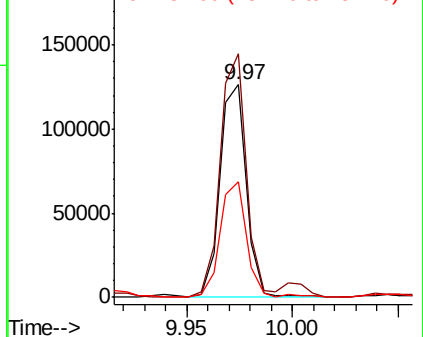


Abundance

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



#54

2,4-Dinitrophenol

Concen: 7.380 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.25 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

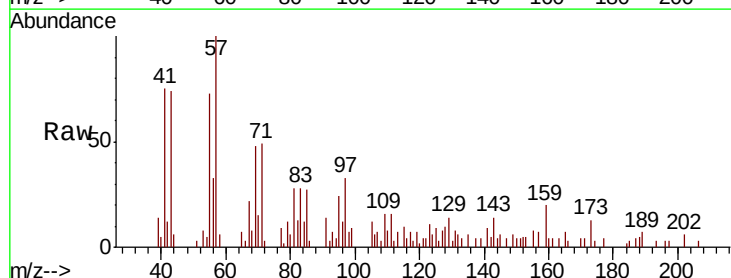
Tgt Ion:184 Resp: 106

Ion Ratio Lower Upper

184 100

63 0.0 62.3 93.5#

154 0.0 56.2 84.2#

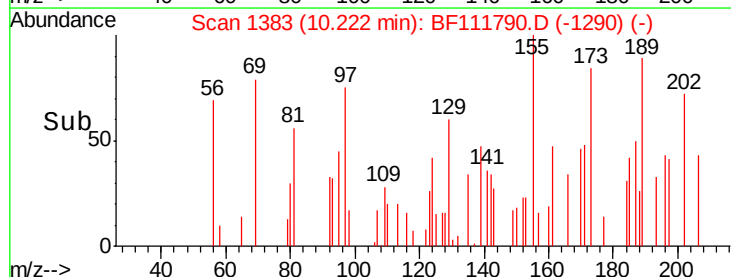
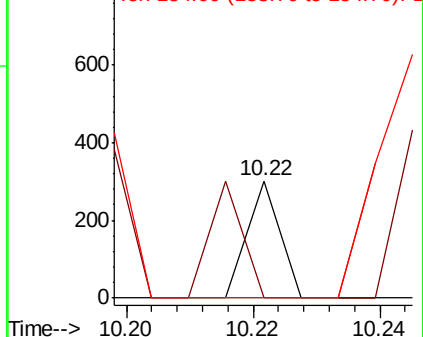


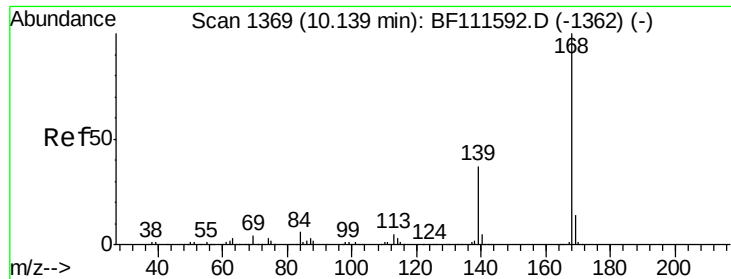
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

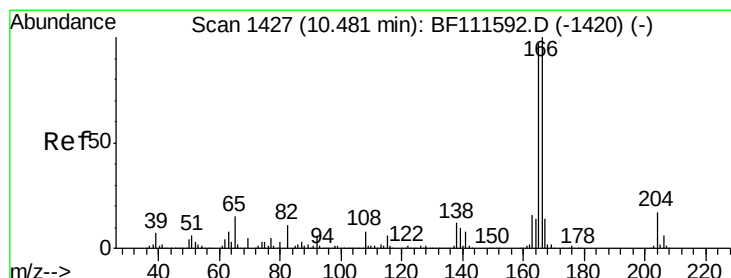
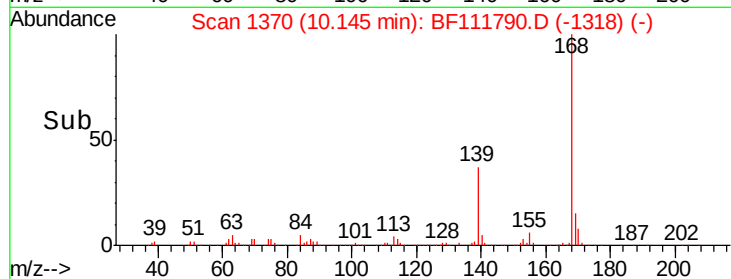
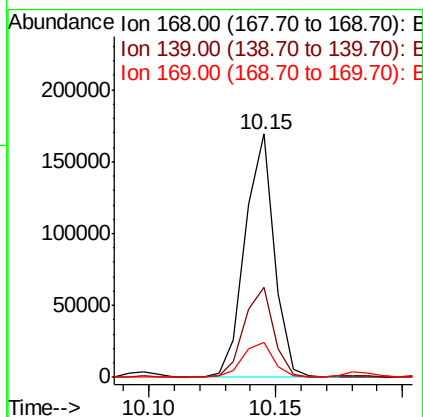
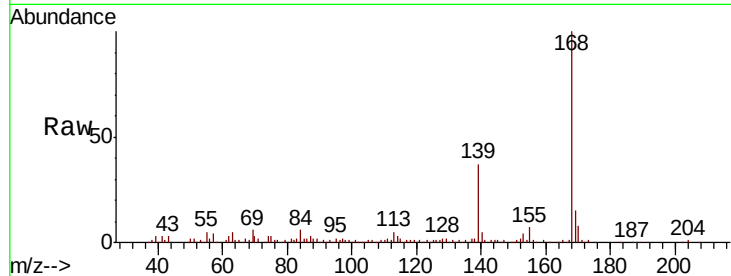




#55
Dibenzofuran
Concen: 5.243 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

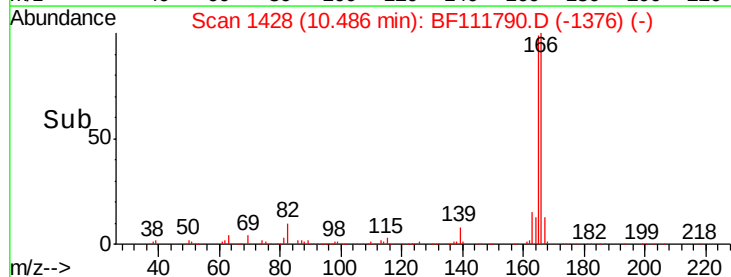
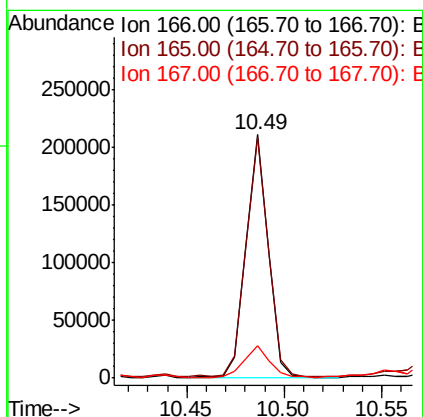
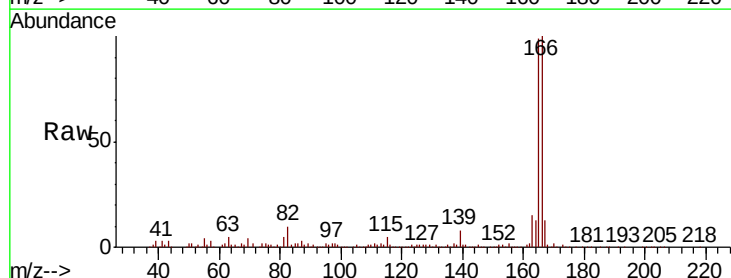
Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

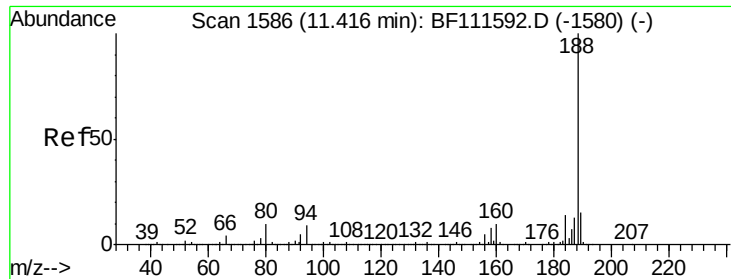
Tgt Ion:168 Resp: 134659
Ion Ratio Lower Upper
168 100
139 37.1 32.6 49.0
169 14.5 11.8 17.6



#58
Fluorene
Concen: 8.910 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:166 Resp: 164911
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 13.4 11.2 16.8

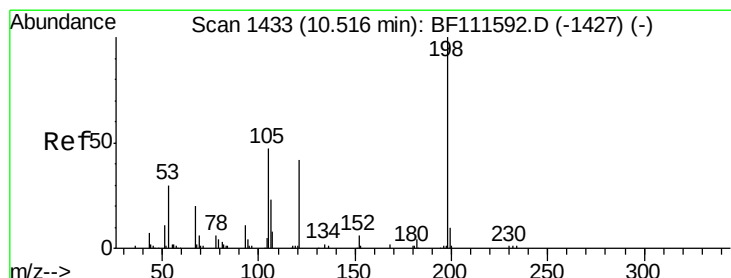
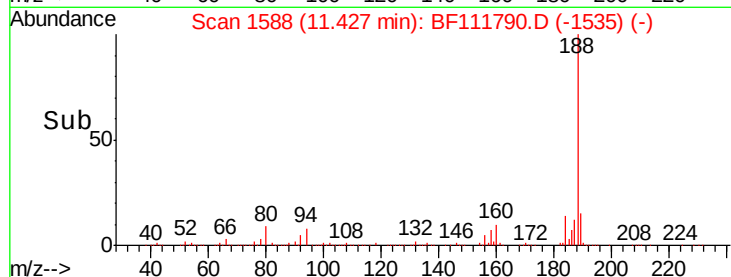
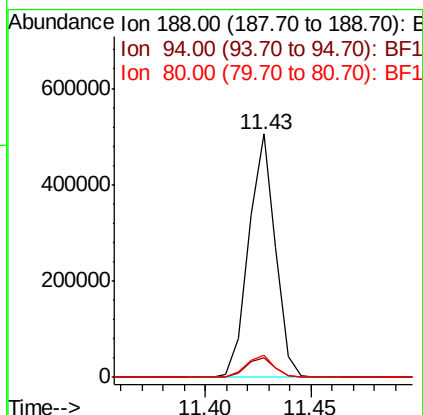
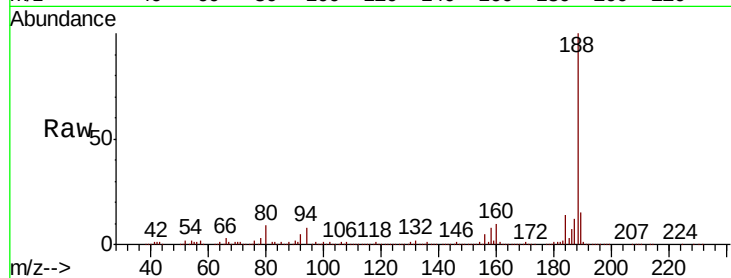




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111790.D
 Acq: 28 Dec 2018 15:57

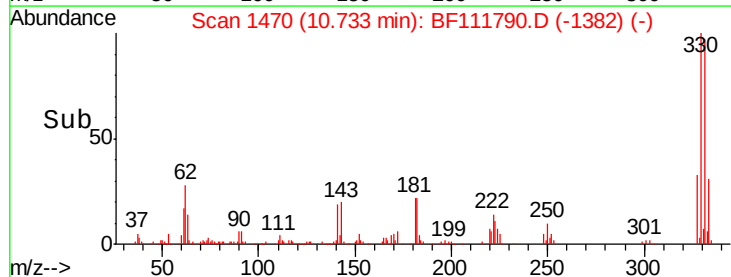
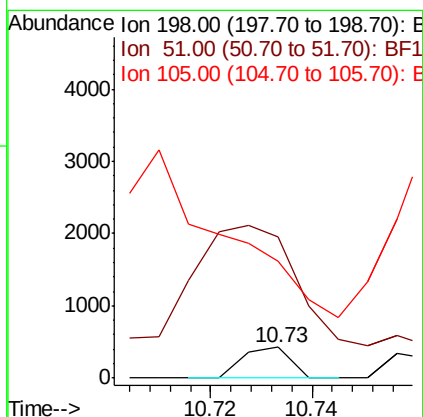
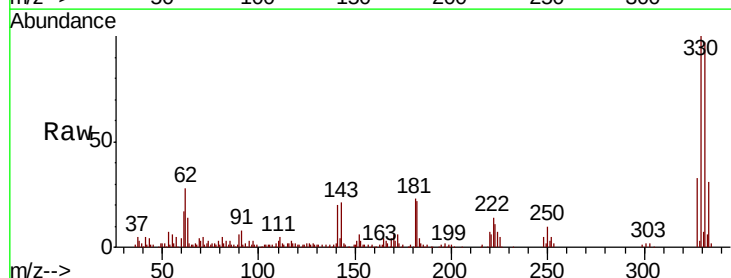
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-122618-A

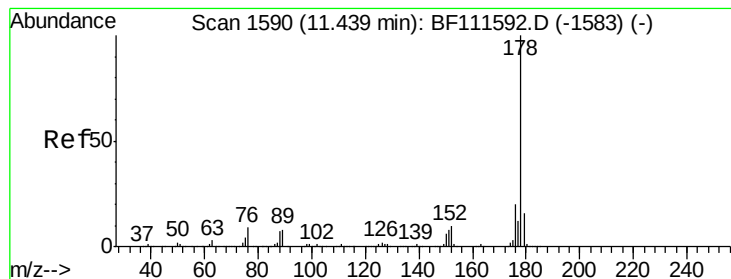
Tgt Ion:188 Resp: 441701
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.6 14.4#
 80 8.9 9.8 14.6#



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.823 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.22 min
 Lab File: BF111790.D
 Acq: 28 Dec 2018 15:57

Tgt Ion:198 Resp: 277
 Ion Ratio Lower Upper
 198 100
 51 454.1 48.0 88.0#
 105 375.8 34.0 74.0#





#71

Phenanthrene

Concen: 43.964 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

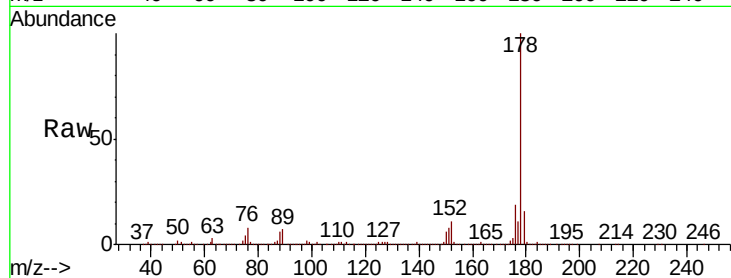
Tgt Ion:178 Resp: 1029864

Ion Ratio Lower Upper

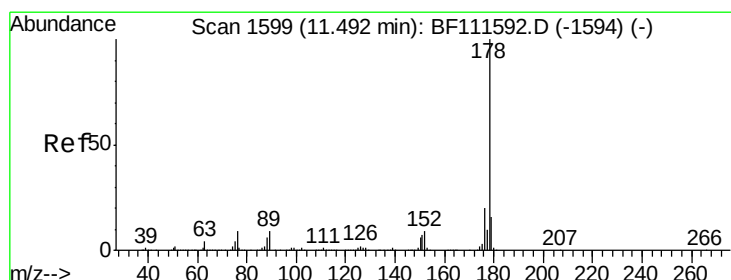
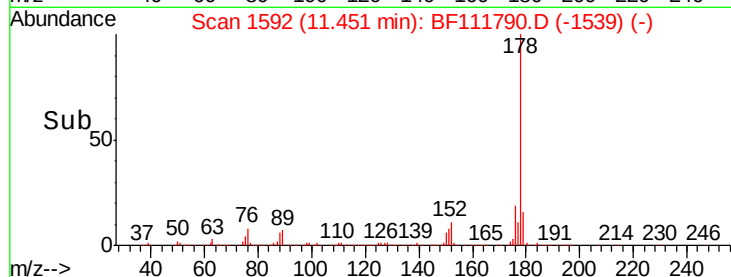
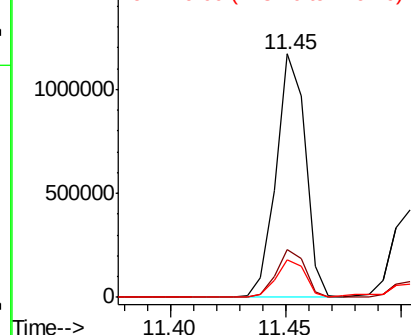
178 100

176 19.4 18.1 27.1

179 15.6 14.0 21.0



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



#72

Anthracene

Concen: 14.718 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

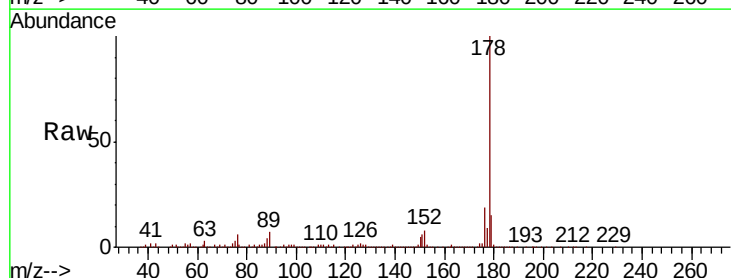
Tgt Ion:178 Resp: 346054

Ion Ratio Lower Upper

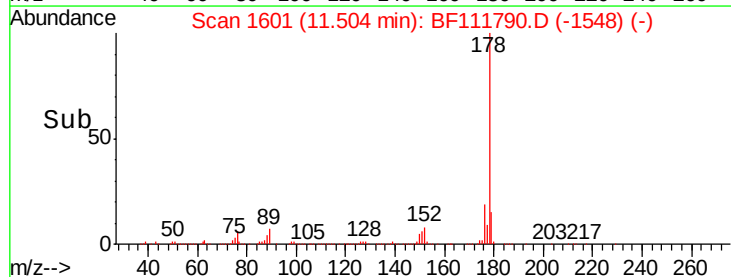
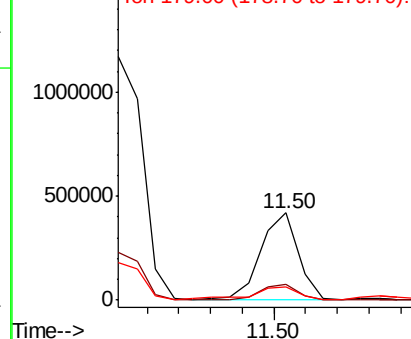
178 100

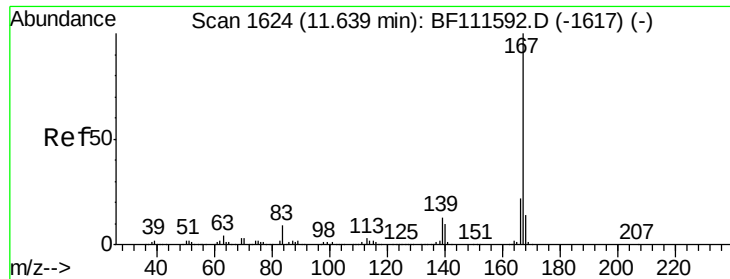
176 18.6 17.2 25.8

179 15.2 13.8 20.8



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

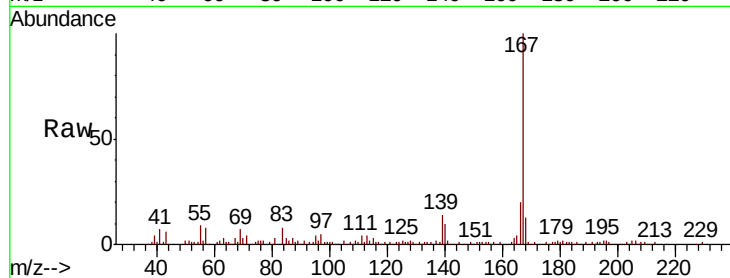




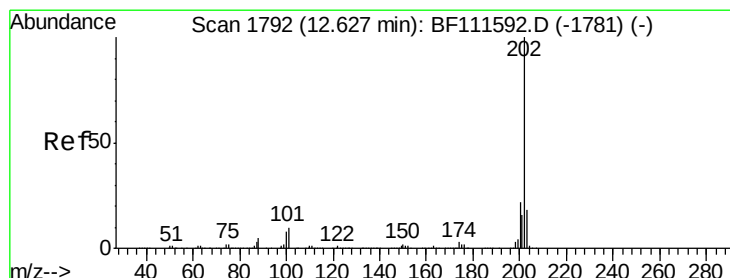
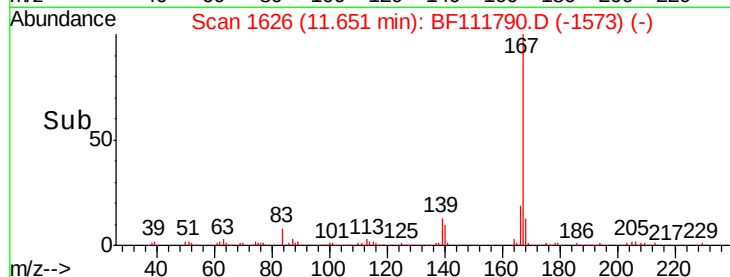
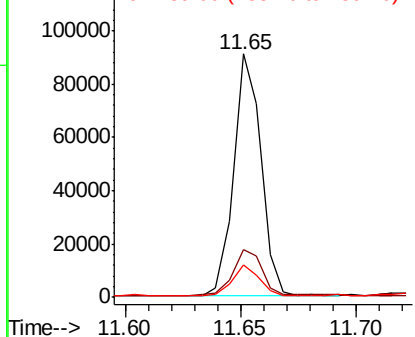
#73
 Carbazole
 Concen: 3.273 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111790.D
 Acq: 28 Dec 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-122618-A

Tgt Ion:167 Resp: 74718
 Ion Ratio Lower Upper
 167 100
 166 19.5 19.3 28.9
 139 13.5 11.9 17.9

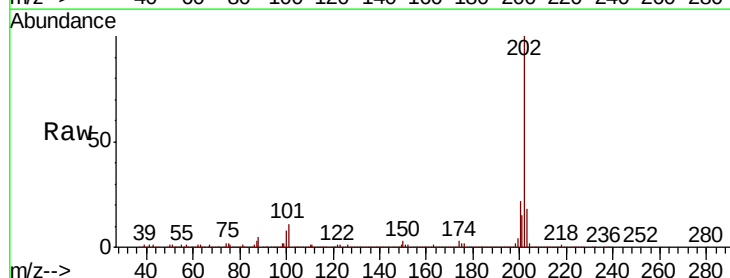


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

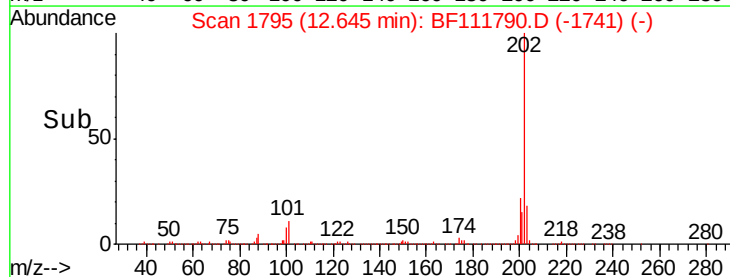
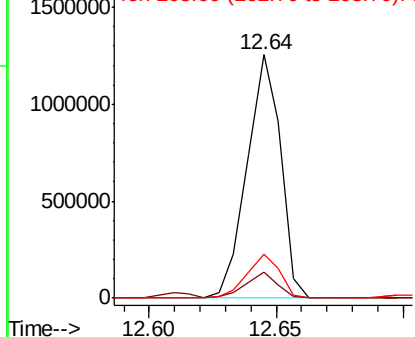


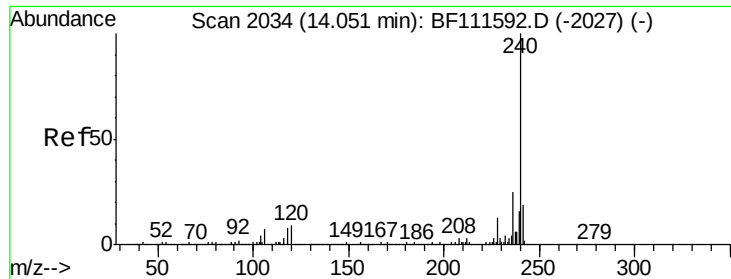
#75
 Fluoranthene
 Concen: 48.674 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111790.D
 Acq: 28 Dec 2018 15:57

Tgt Ion:202 Resp: 1154610
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 33.8
 203 17.8 0.0 38.6



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

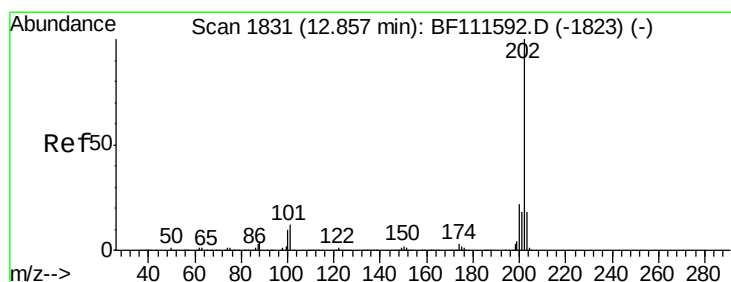
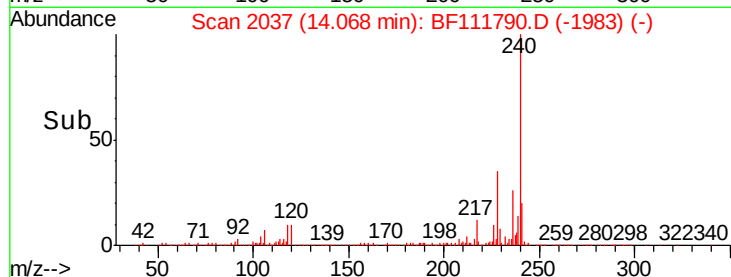
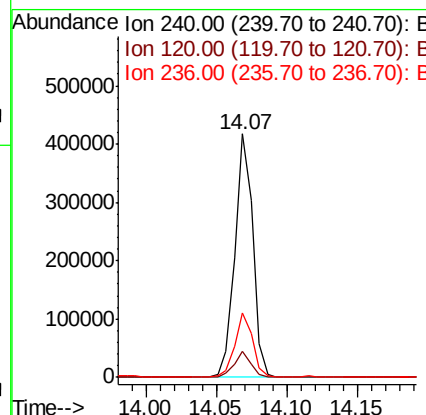
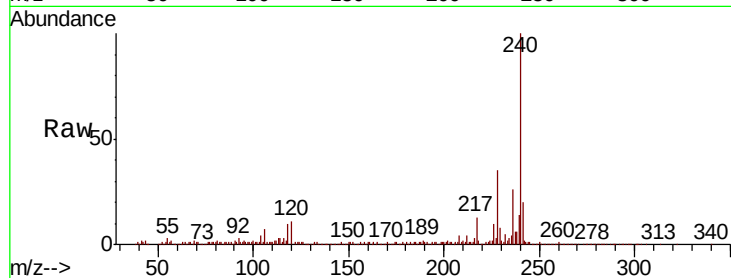




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

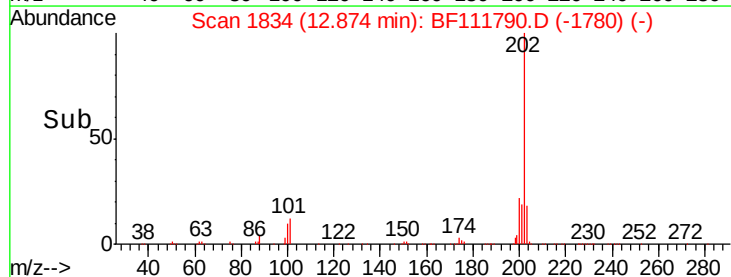
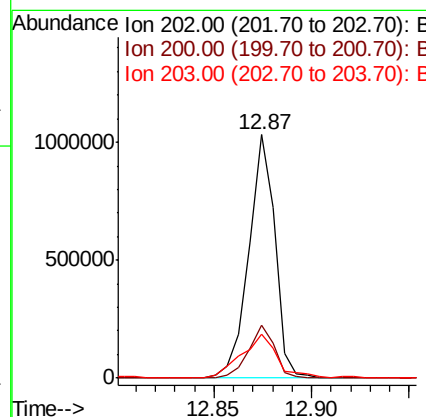
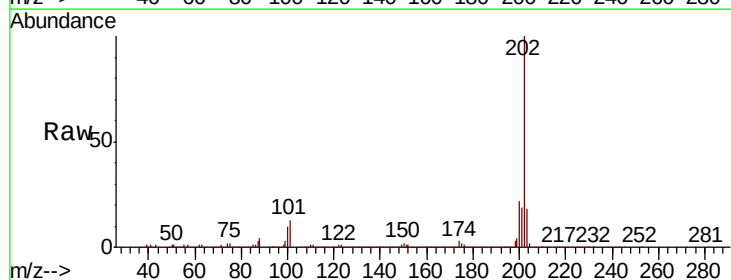
Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

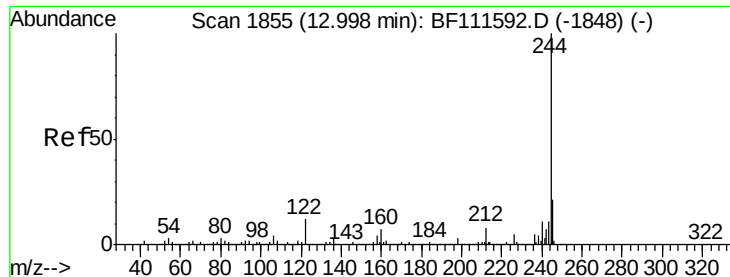
Tgt Ion:240 Resp: 366414
Ion Ratio Lower Upper
240 100
120 10.6 12.2 18.2#
236 26.5 20.2 30.2



#78
Pyrene
Concen: 37.063 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion:202 Resp: 959010
Ion Ratio Lower Upper
202 100
200 21.8 19.0 28.4
203 17.9 15.2 22.8





#79

Terphenyl-d14

Concen: 27.285 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

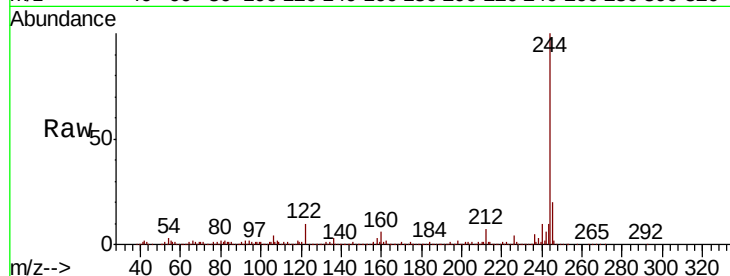
Tgt Ion:244 Resp: 527177

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.8 13.1 19.7#



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

800000

600000

400000

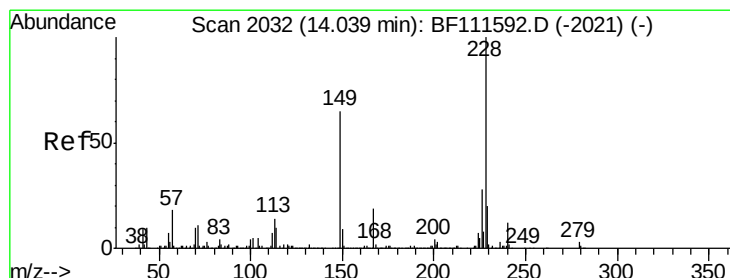
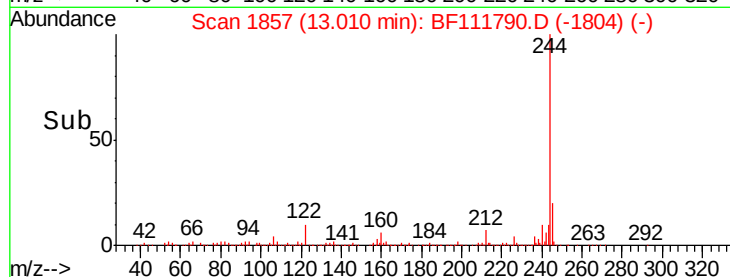
200000

0

13.01

12.95 13.00 13.05

Time-->



#81

Benzo(a)anthracene

Concen: 23.026 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

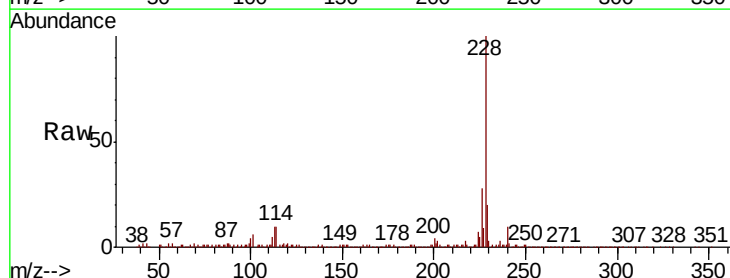
Tgt Ion:228 Resp: 481492

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

600000

500000

400000

300000

200000

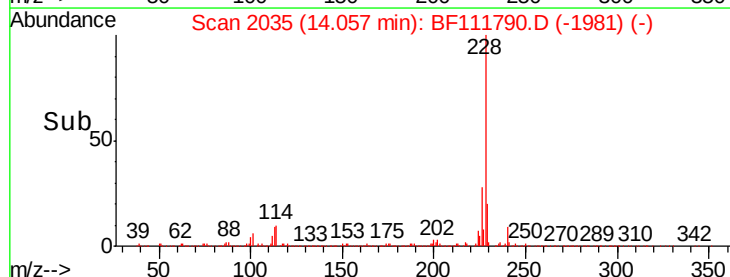
100000

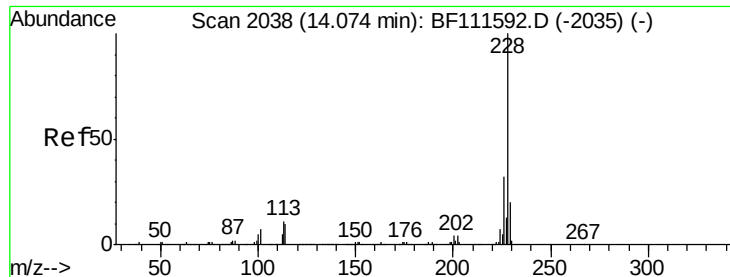
0

14.06

14.00 14.05

Time-->





#83

Chrysene

Concen: 19.367 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.02 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

Instrument :

BNA_F

ClientSampleId :

OR-01-122618-A

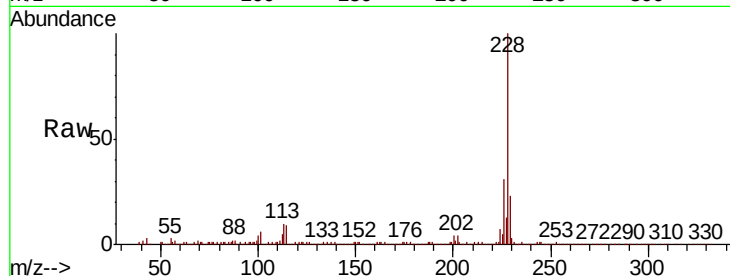
Tgt Ion:228 Resp: 398044

Ion Ratio Lower Upper

228 100

226 30.5 25.3 37.9

229 23.3 17.2 25.8

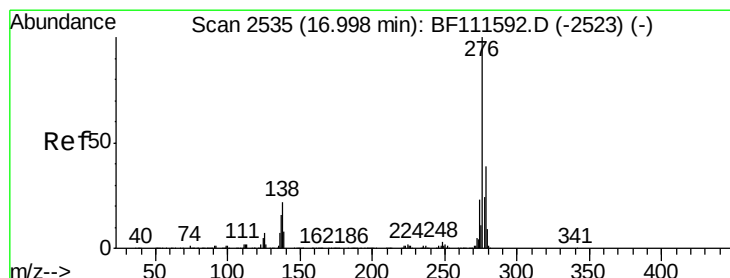
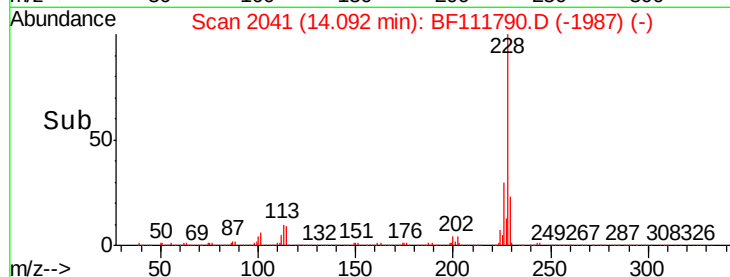
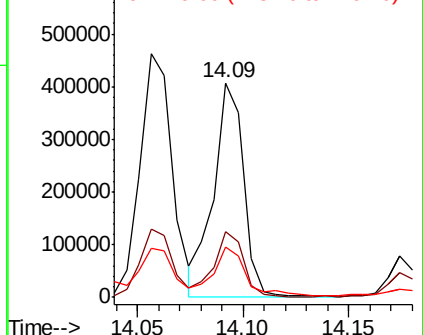


Abundance

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: 9.440 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.06 min

Lab File: BF111790.D

Acq: 28 Dec 2018 15:57

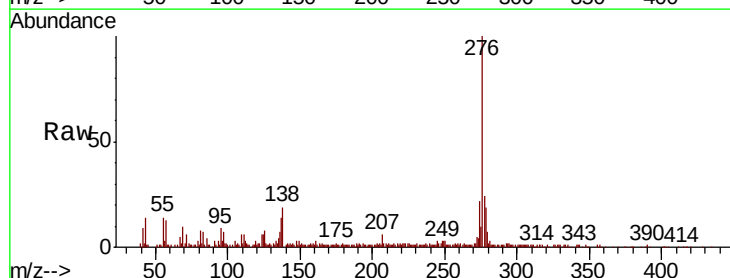
Tgt Ion:276 Resp: 164939

Ion Ratio Lower Upper

276 100

138 19.1 27.8 41.6#

277 24.2 20.1 30.1

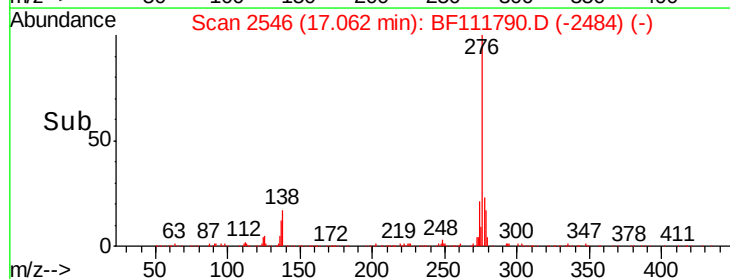
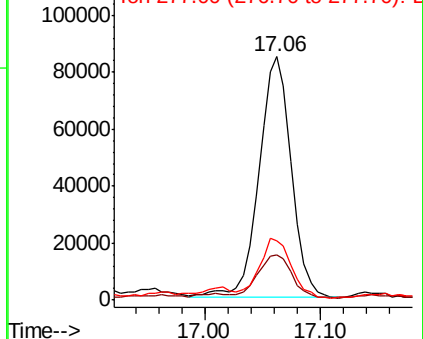


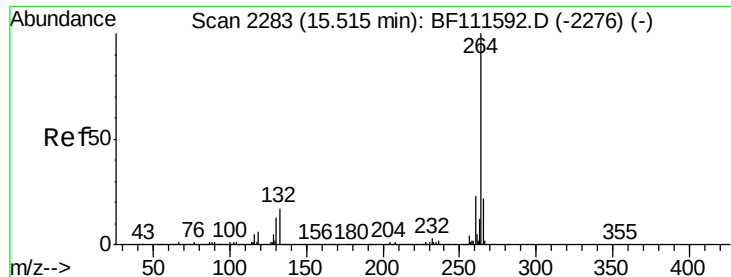
Abundance

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



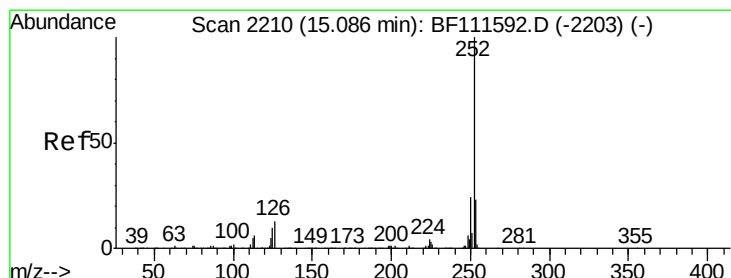
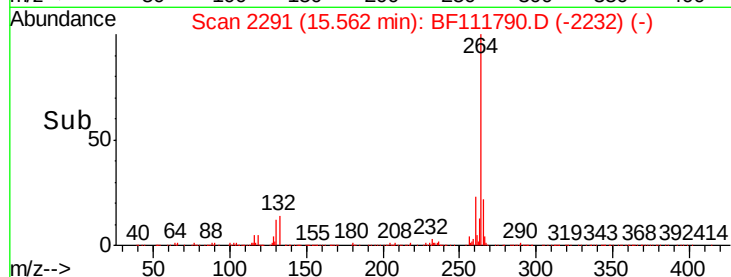
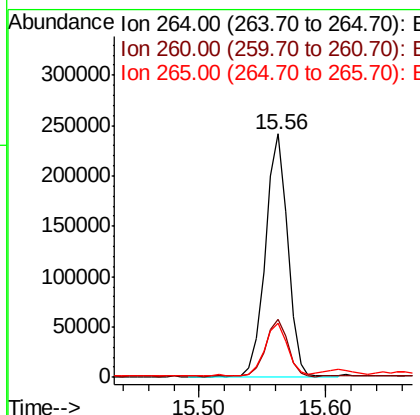
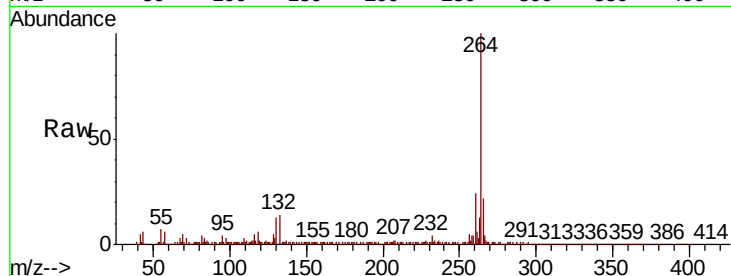


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion: 264 Resp: 295968

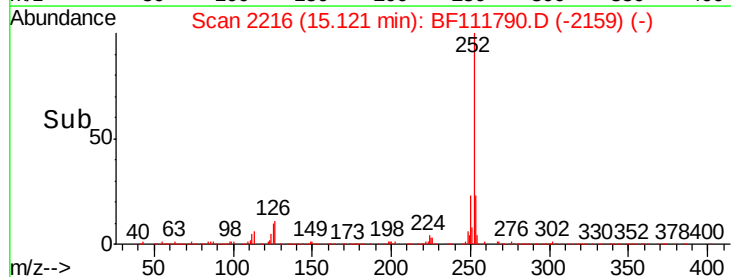
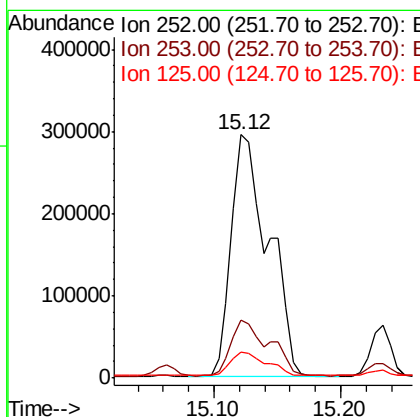
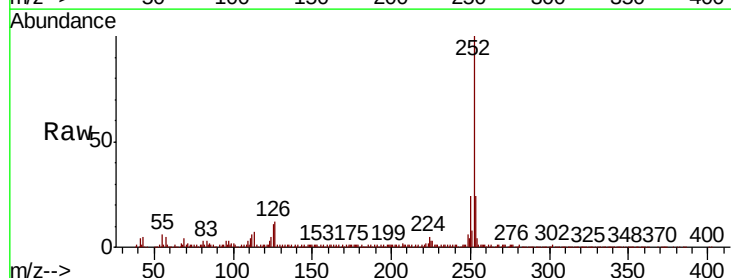
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	22.4	17.7	26.5

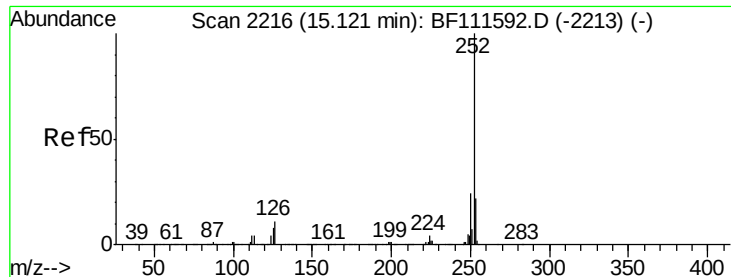


#88
Benzo(b)fluoranthene
Concen: 34.937 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion: 252 Resp: 604325

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	10.6	10.4	15.6

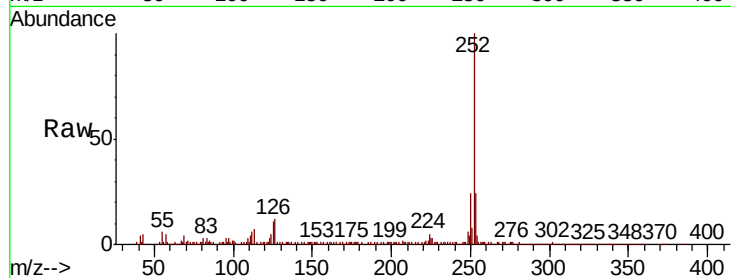




#89
Benzo(k)fluoranthene
Concen: 36.697 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	10.6	9.8	14.8

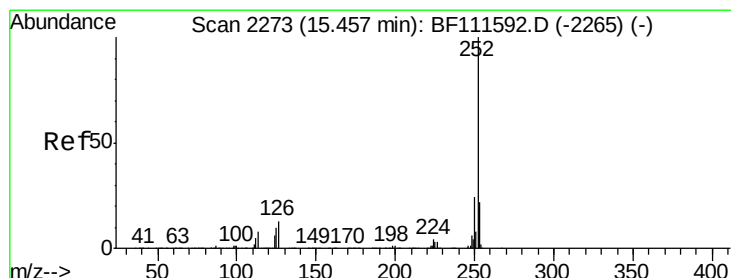
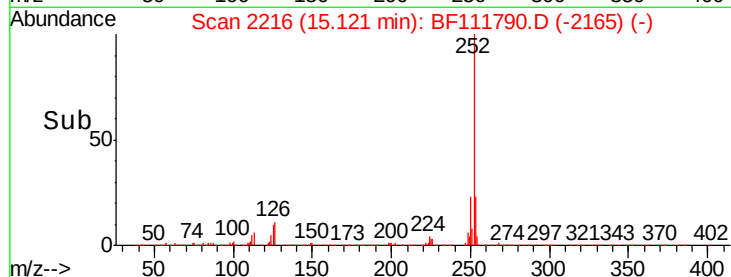
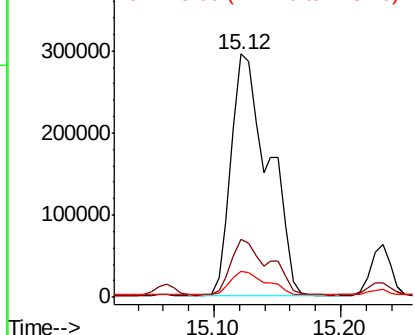


Abundance

Ion 252.00 (251.70 to 252.70): E

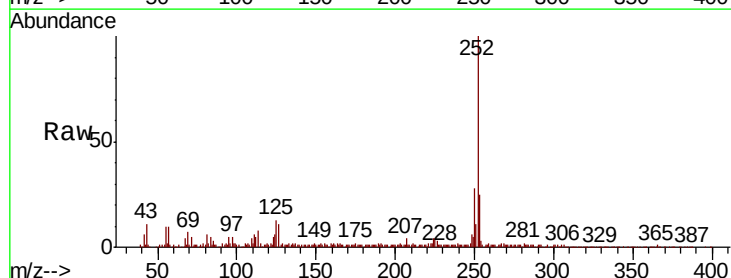
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 12.424 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	13.4	12.3	18.5

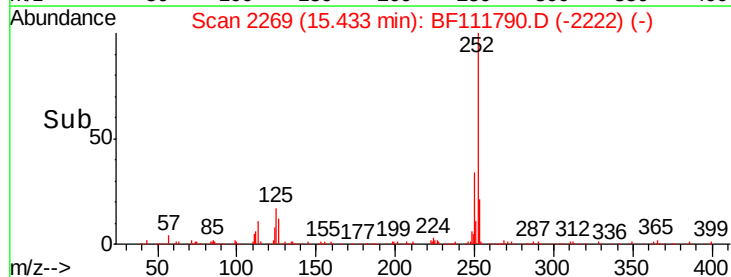
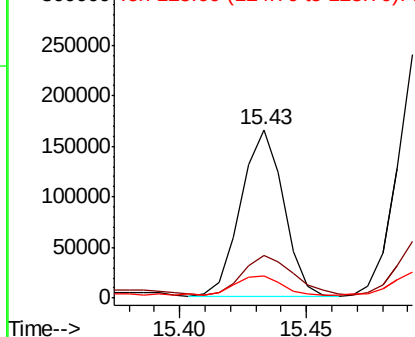


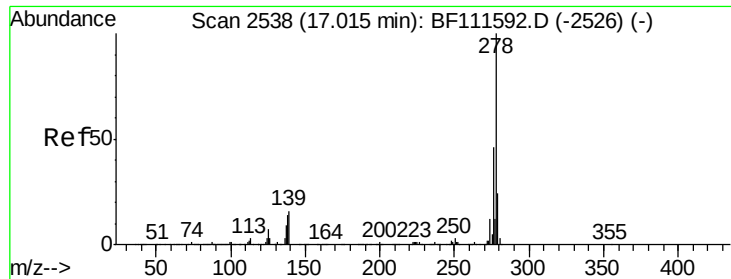
Abundance

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

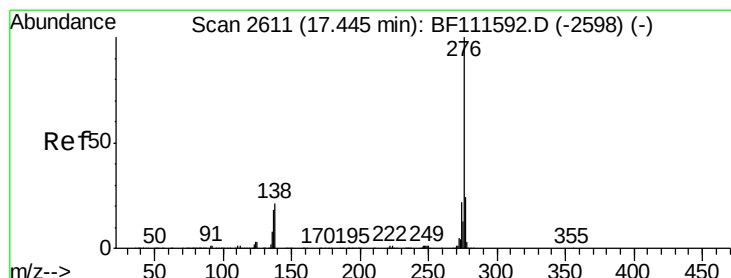
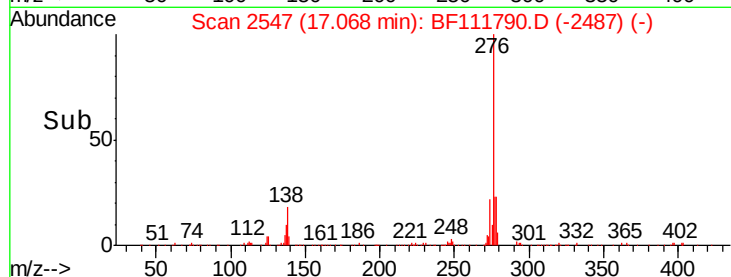
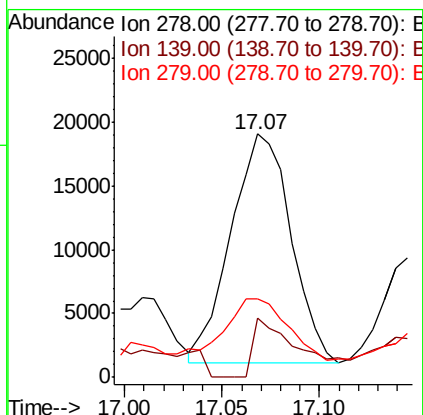
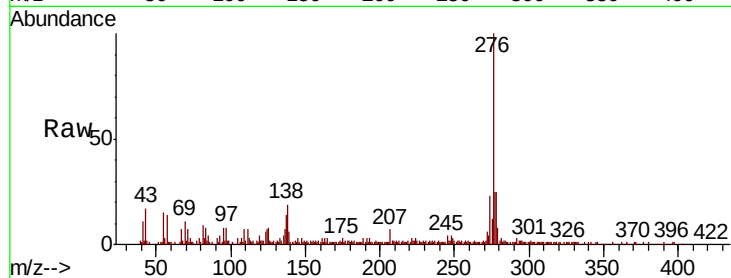




#91
Dibenzo(a,h)anthracene
Concen: 2.784 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Instrument :
BNA_F
ClientSampleId :
OR-01-122618-A

Tgt Ion: 278 Resp: 38308
Ion Ratio Lower Upper
278 100
139 24.4 18.2 27.4
279 32.1 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 10.747 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.07 min
Lab File: BF111790.D
Acq: 28 Dec 2018 15:57

Tgt Ion: 276 Resp: 144412
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 21.1 24.9 37.3#

