

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111837.D
 Acq On : 3 Jan 2019 22:38
 Operator : JU/SJ
 Sample : K1016-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:35:13 2019
 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	251152	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	945800	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	426760	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	617242	20.00	ng	0.01
76) Chrysene-d12	14.07	240	485027	20.00	ng	0.02
87) Perylene-d12	15.56	264	326874	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	590100	40.05	ng	0.01
7) Phenol-d6	6.54	99	794060	42.35	ng	0.02
23) Nitrobenzene-d5	7.46	82	469766	28.91	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	145676	28.89	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	922323	31.50	ng	0.00
79) Terphenyl-d14	13.02	244	672709	26.30	ng	0.02

Target Compounds

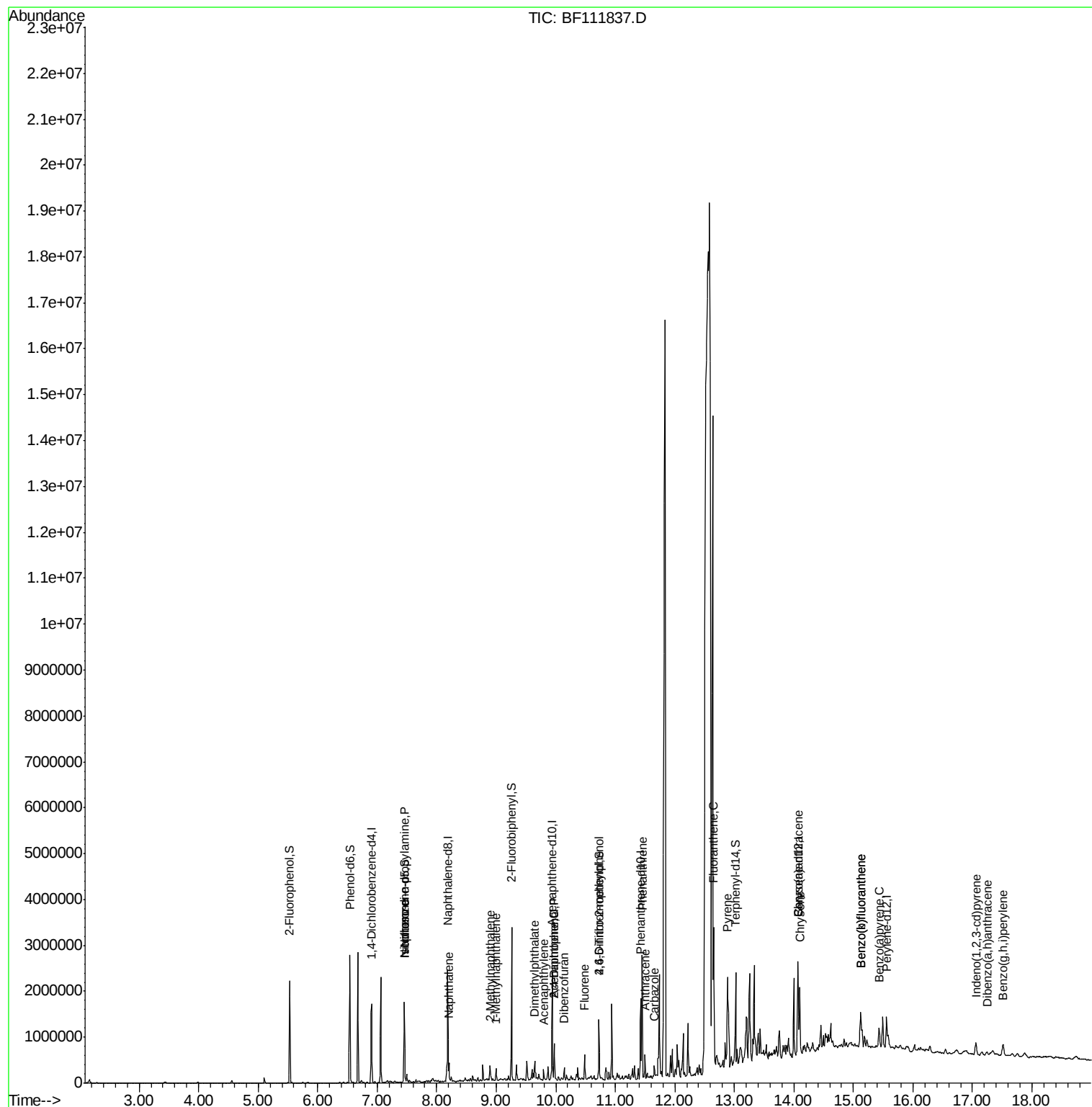
						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	65785	5.283	ng	# 78
25) Isophorone	7.46	82	465154	16.125	ng	# 64
31) Naphthalene	8.20	128	145409	3.200	ng	97
37) 2-Methylnaphthalene	8.90	142	70398	2.381	ng	98
38) 1-Methylnaphthalene	9.00	142	64709	2.279	ng	99
49) Acenaphthylene	9.80	152	83851	2.012	ng	96
50) Dimethylphthalate	9.65	163	128761	4.126	ng	96
52) Acenaphthene	9.97	154	66457	2.586	ng	93
54) 2,4-Dinitrophenol	9.98	184	987	7.756	ng	# 1
55) Dibenzofuran	10.15	168	79303	2.042	ng	95
58) Fluorene	10.49	166	137606	4.918	ng	100
65) 4,6-Dinitro-2-methylphenol	10.73	198	409	6.831	ng	# 1
71) Phenanthrene	11.45	178	914116	27.925	ng	95
72) Anthracene	11.50	178	208579	6.348	ng	94
73) Carbazole	11.66	167	84926	2.662	ng	95
75) Fluoranthene	12.65	202	1158229	34.941	ng	97
78) Pyrene	12.89	202	1246900	36.404	ng	96
81) Benzo(a)anthracene	14.06	228	525224	18.975	ng	96
83) Chrysene	14.10	228	558152	20.516	ng	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	192280	8.314	ng	# 84
88) Benzo(b)fluoranthene	15.12	252	611127	31.990	ng	98
89) Benzo(k)fluoranthene	15.12	252	611127	33.602	ng	99
90) Benzo(a)pyrene	15.43	252	232628	13.403	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	40143	2.641	ng	92
92) Benzo(g,h,i)perylene	17.52	276	191888	12.930	ng	# 89

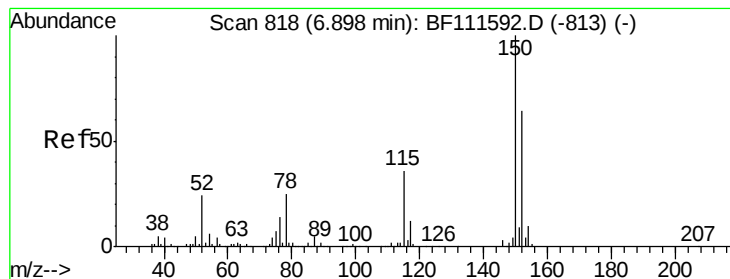
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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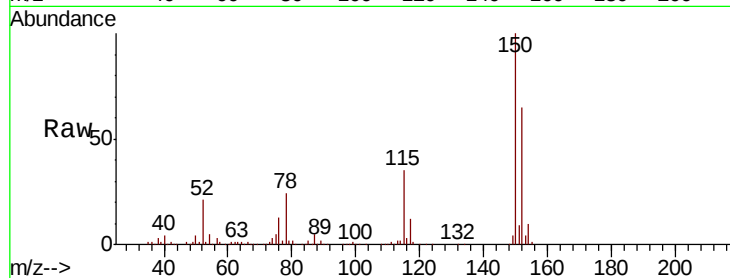


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	54.8	50.7	76.1

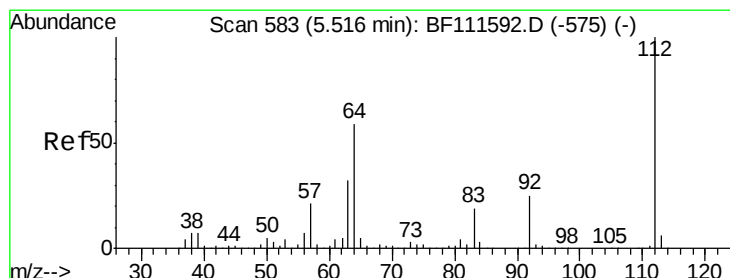
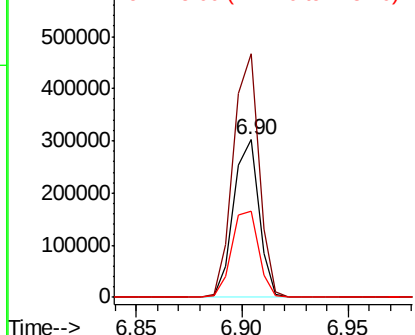
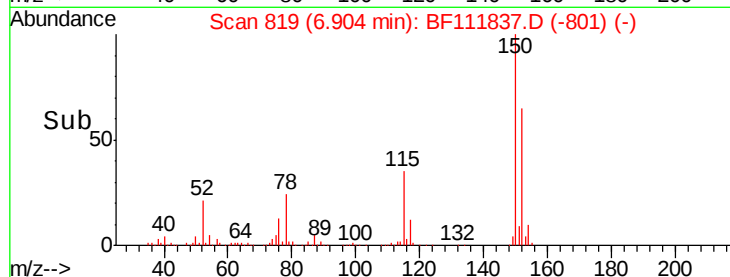


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

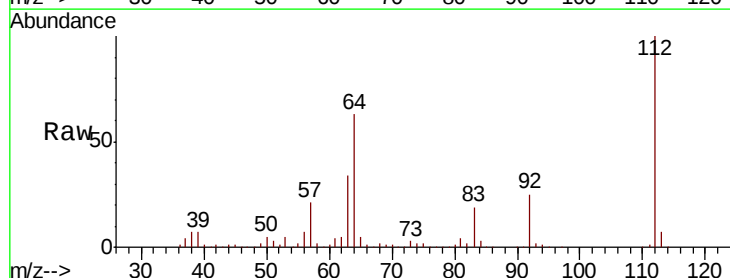
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.049 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	51.8	77.6
63	34.1	26.8	40.2

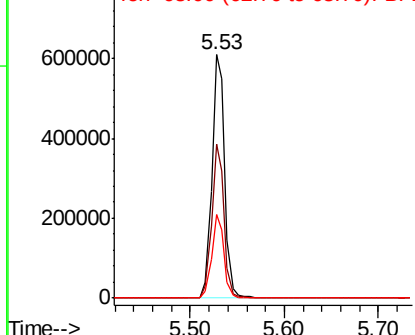
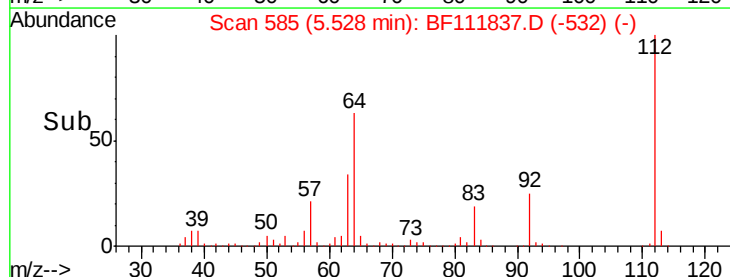


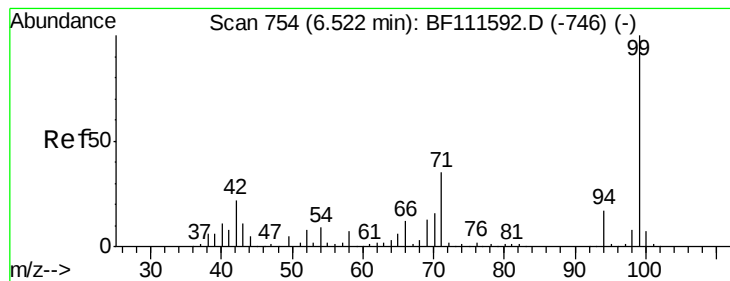
Abundance

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: 42.346 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_F

ClientSampleId :

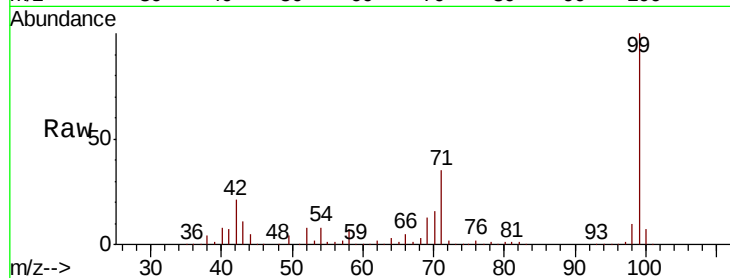
Tot Ion: 99 Resp: 794060

Ion Ratio Lower Upper

99 100

42 20.9 17.4 26.0

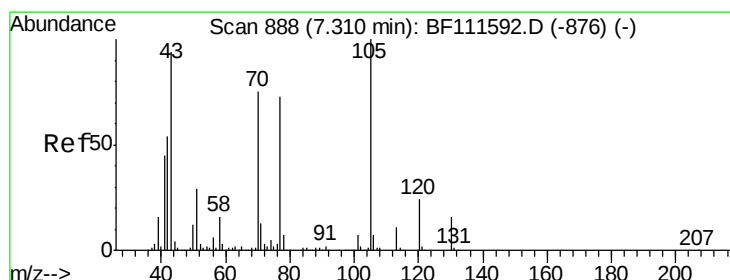
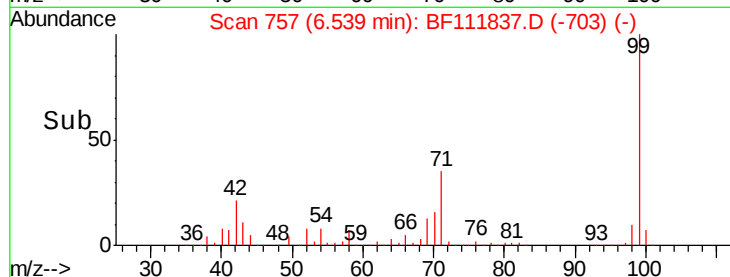
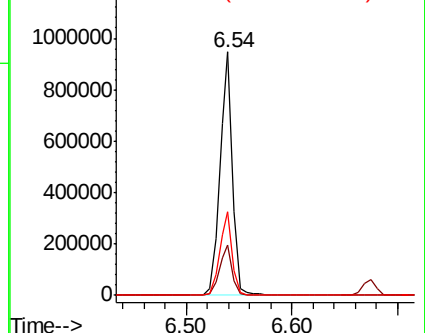
71 34.6 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.283 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Tgt Ion: 70 Resp: 65785

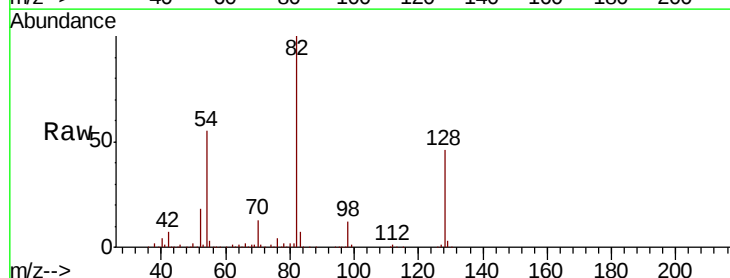
Ion Ratio Lower Upper

70 100

42 55.4 53.2 79.8

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#

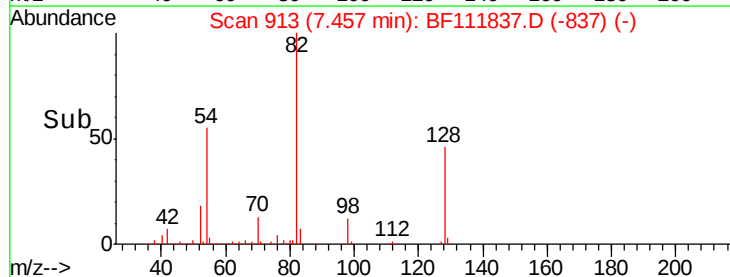
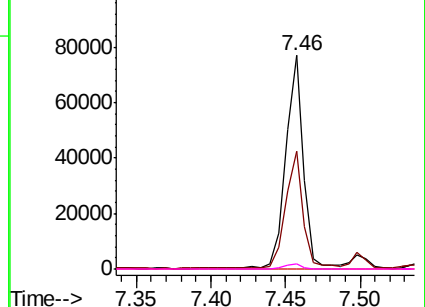


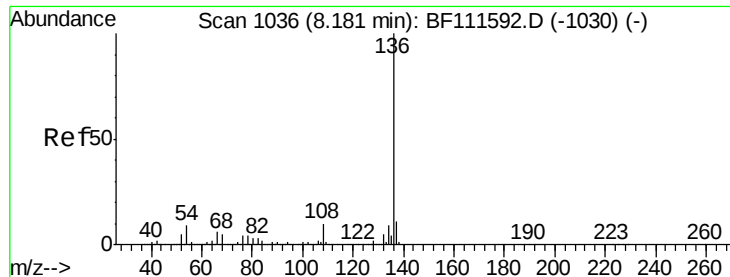
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

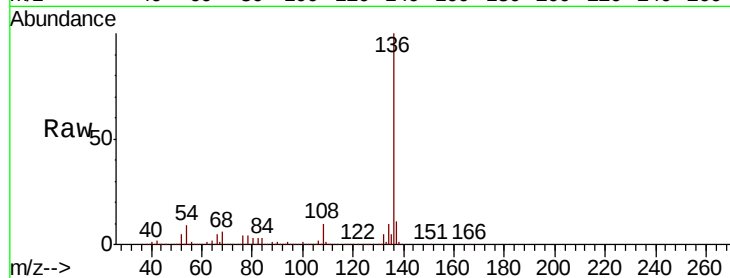




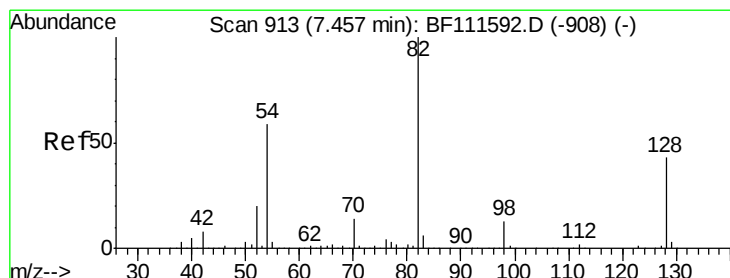
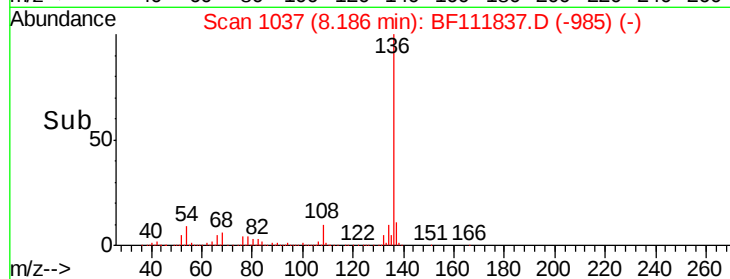
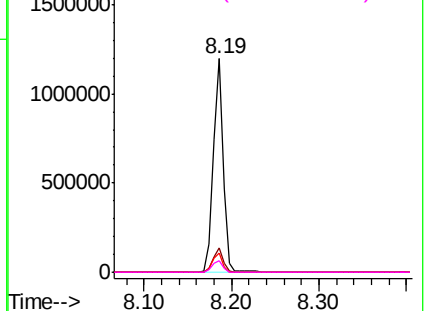
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	945800
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	8.8	7.7 11.5
68	5.6	4.9 7.3

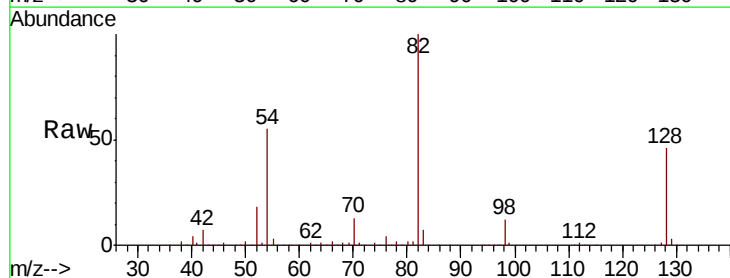


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

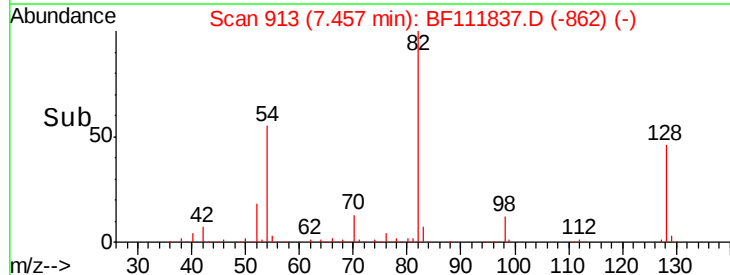
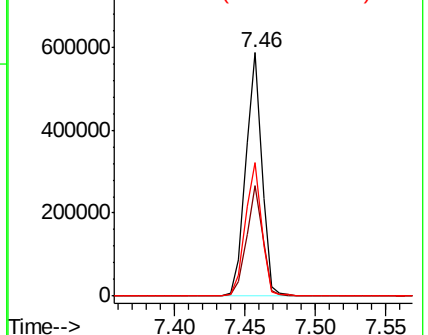


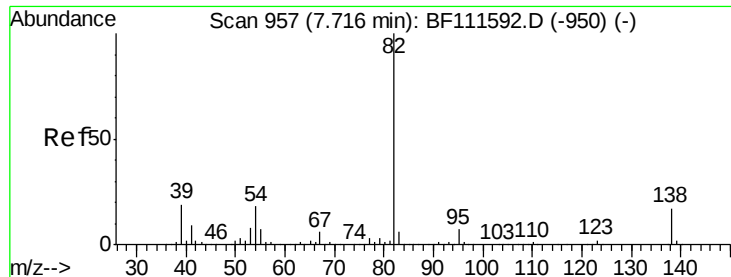
#23
Nitrobenzene-d5
Concen: 28.911 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion: 82	Resp:	469766
Ion Ratio	Lower	Upper
82	100	
128	45.6	37.4 56.2
54	55.1	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: 16.125 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_F

ClientSampled :

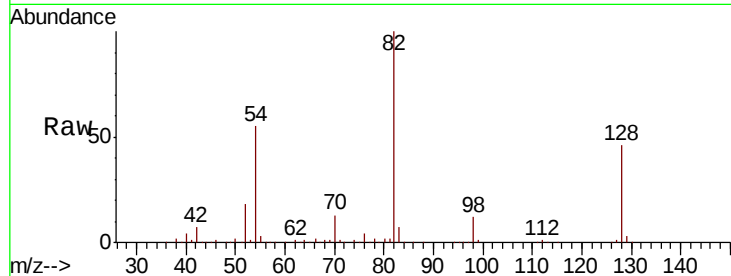
Tot Ion: 82 Resp: 465154

Ion Ratio Lower Upper

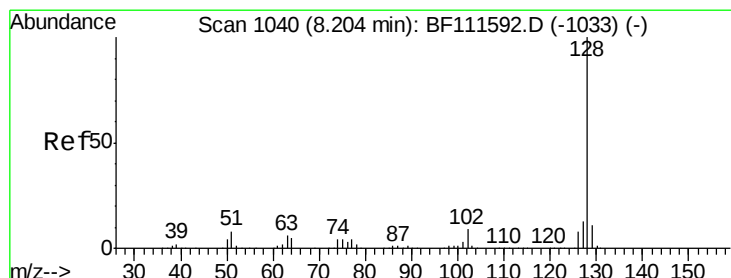
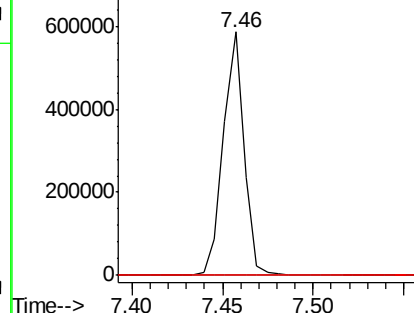
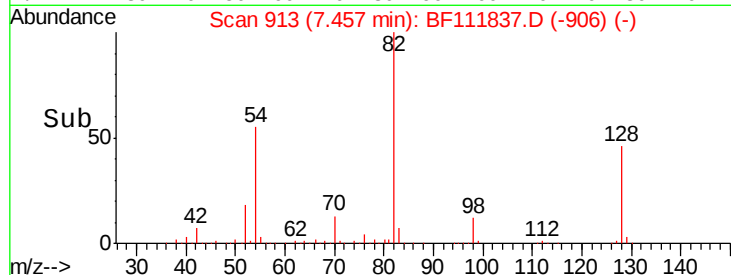
82 100

95 0.2 5.4 8.2#

138 0.0 15.1 22.7#



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: 3.200 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

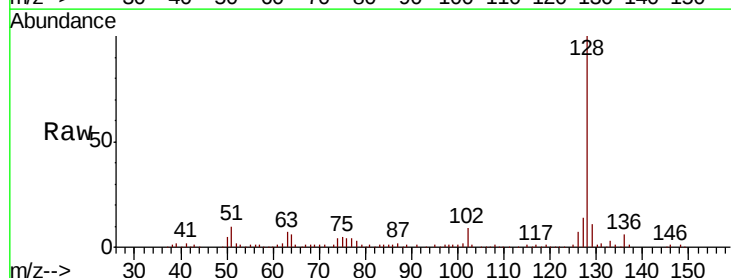
Tgt Ion: 128 Resp: 145409

Ion Ratio Lower Upper

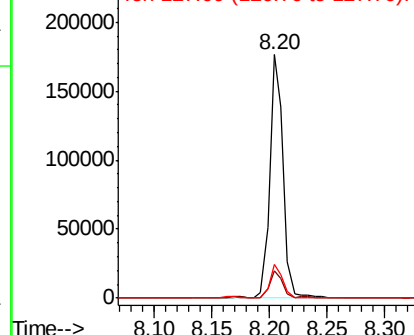
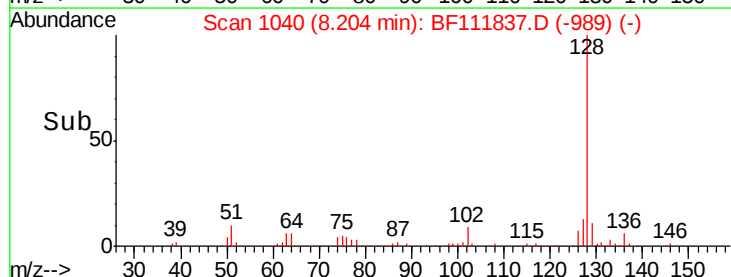
128 100

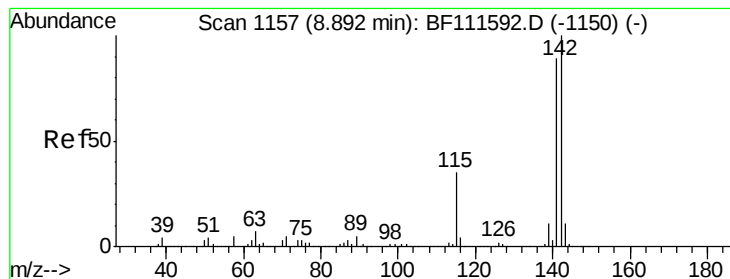
129 11.2 9.8 14.8

127 13.6 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#37

2-Methylnaphthalene

Concen: 2.381 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_F

ClientSampled :

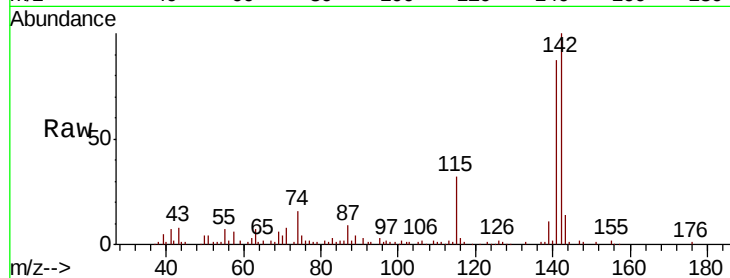
Tot Ion:142 Resp: 70398

Ion Ratio Lower Upper

142 100

141 87.1 70.6 105.8

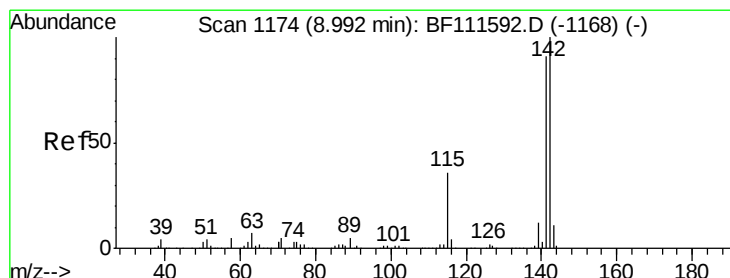
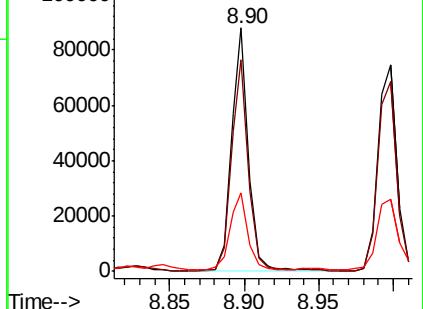
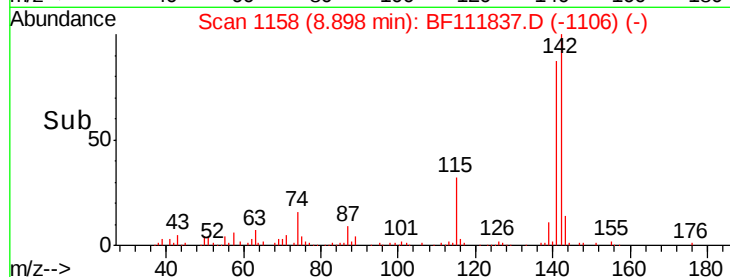
115 32.2 27.0 40.6



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: 2.279 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

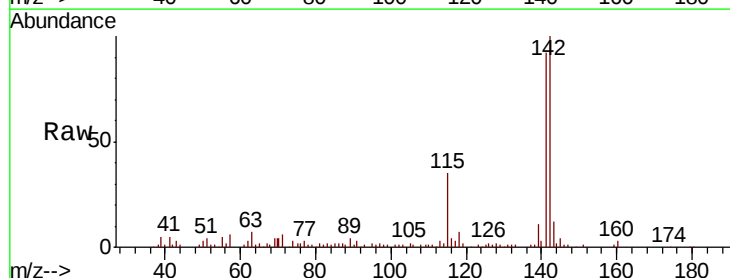
Tgt Ion:142 Resp: 64709

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4

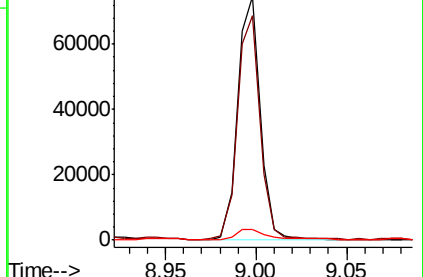
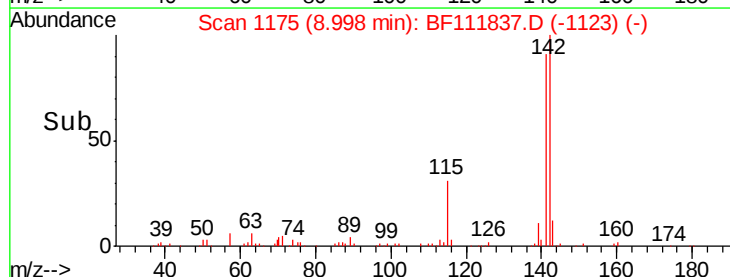
116 4.2 2.9 4.3

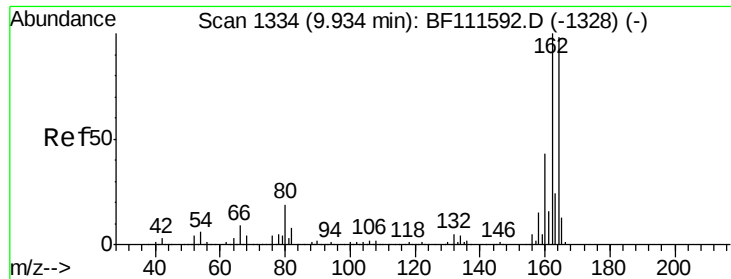


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

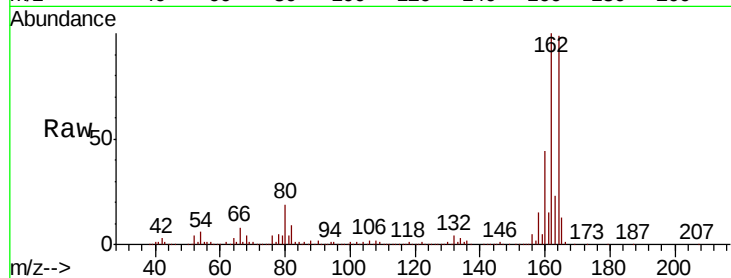




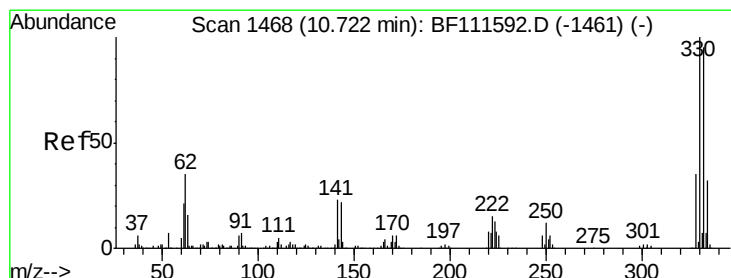
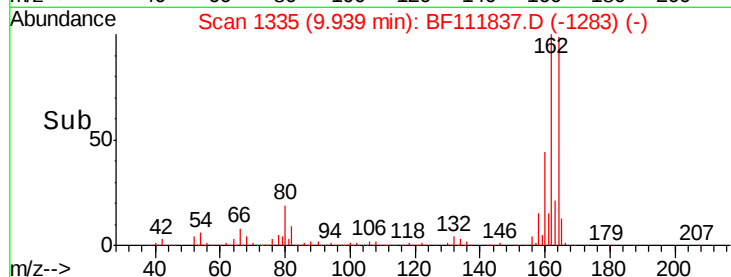
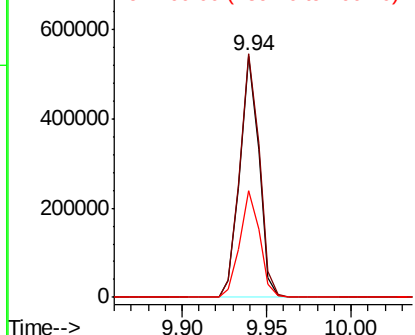
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111837.D
 Acq: 3 Jan 2019 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 426760
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.0
 160 44.2 35.7 53.5

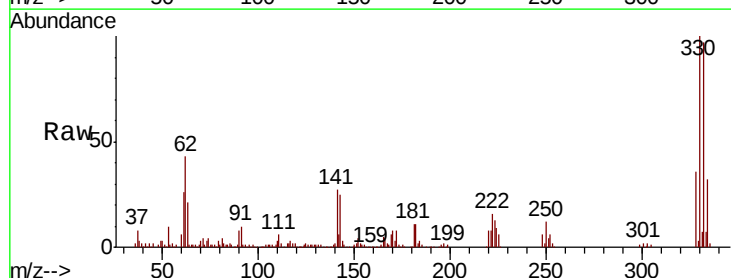


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

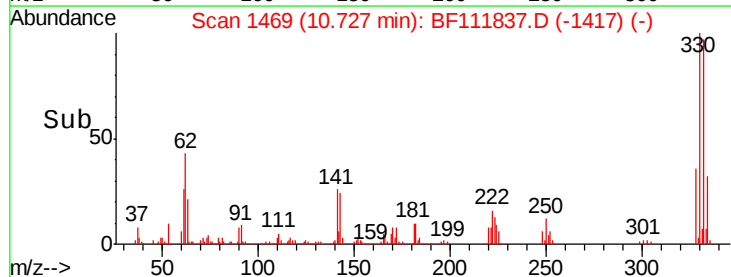
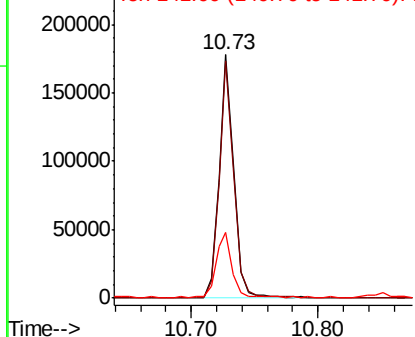


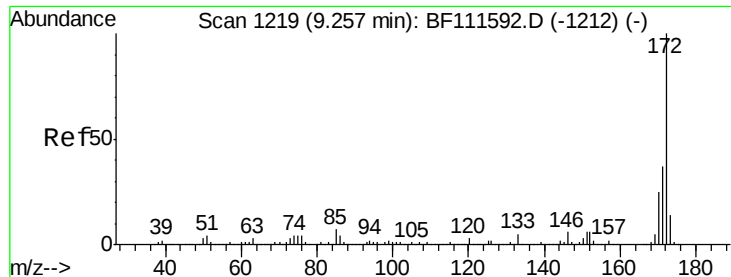
#42
 2,4,6-Tribromophenol
 Concen: 28.890 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111837.D
 Acq: 3 Jan 2019 22:38

Tgt Ion:330 Resp: 145676
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.0 114.0
 141 29.3 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

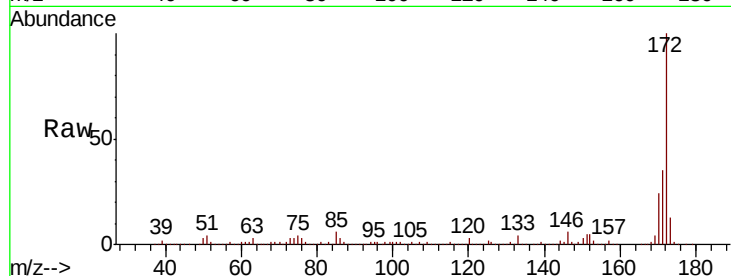




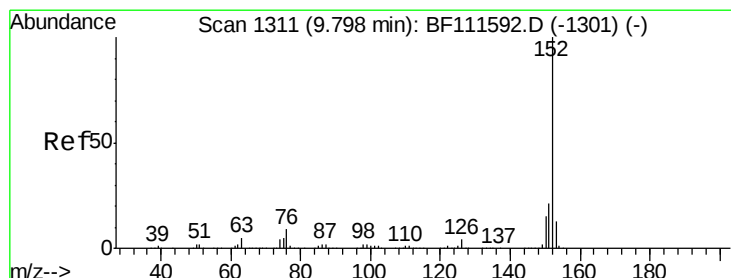
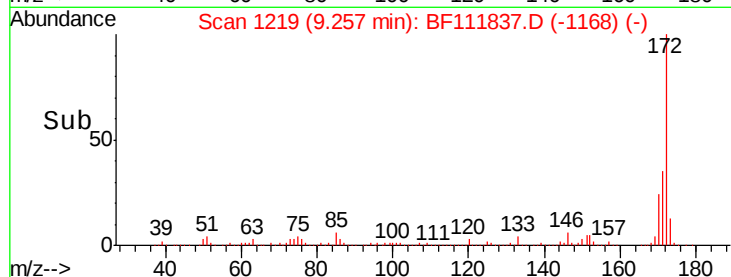
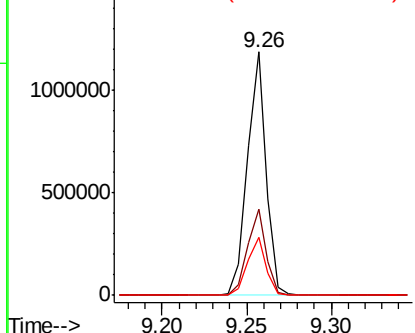
#45
 2-Fluorobiphenyl
 Concen: 31.501 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111837.D
 Acq: 3 Jan 2019 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 922323
 Ion Ratio Lower Upper
 172 100
 171 35.4 33.0 49.4
 170 24.0 22.3 33.5

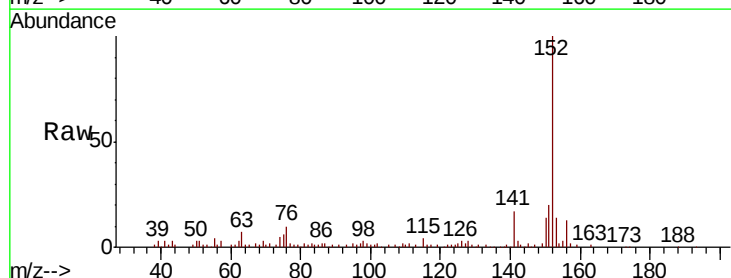


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

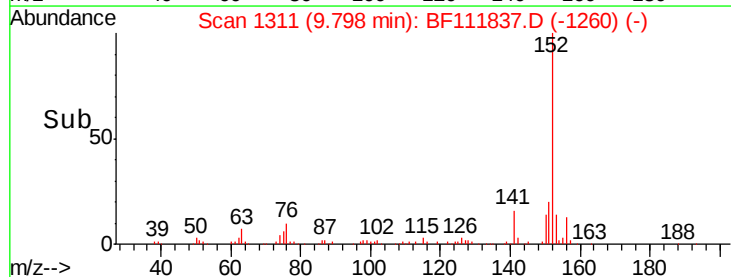
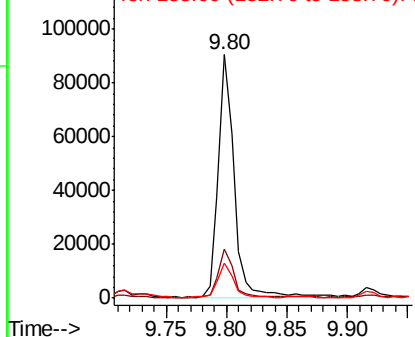


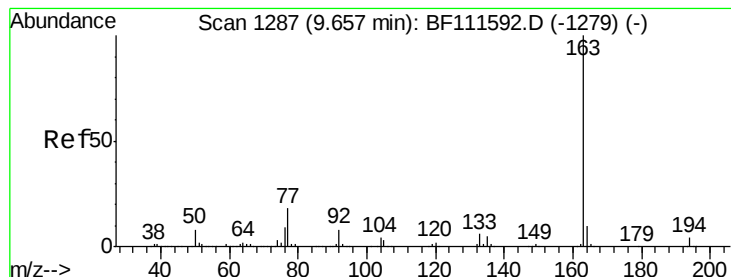
#49
 Acenaphthylene
 Concen: 2.012 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF111837.D
 Acq: 3 Jan 2019 22:38

Tgt Ion:152 Resp: 83851
 Ion Ratio Lower Upper
 152 100
 151 19.9 18.0 27.0
 153 14.5 12.3 18.5



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: 4.126 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_F

ClientSampleId :

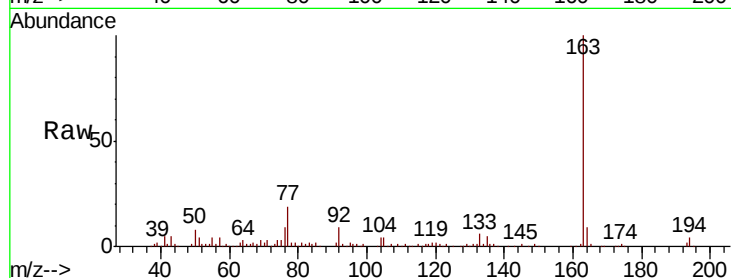
Tot Ion:163 Resp: 128761

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

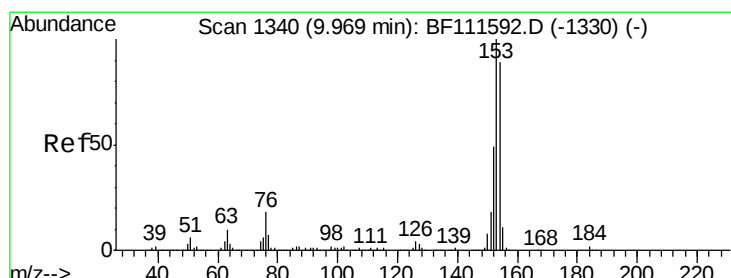
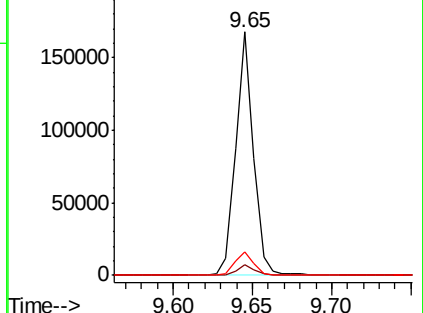
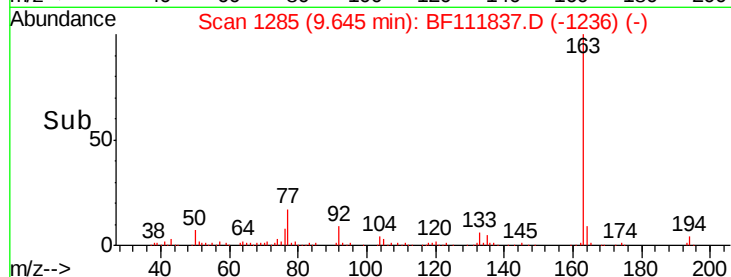
164 9.5 8.9 13.3



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: 2.586 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

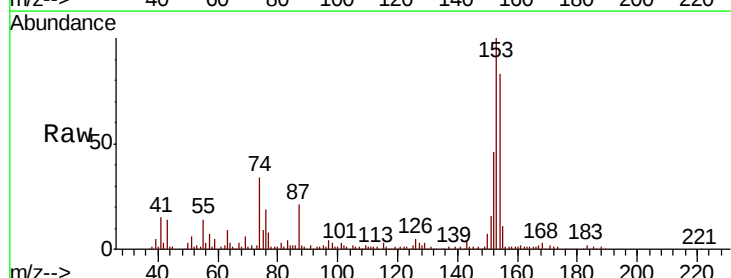
Tgt Ion:154 Resp: 66457

Ion Ratio Lower Upper

154 100

153 120.0 87.8 131.8

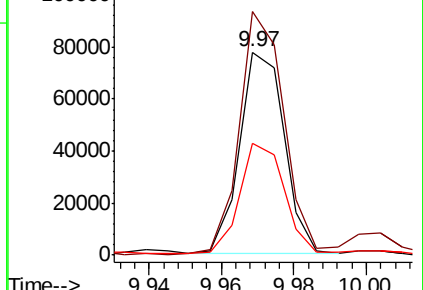
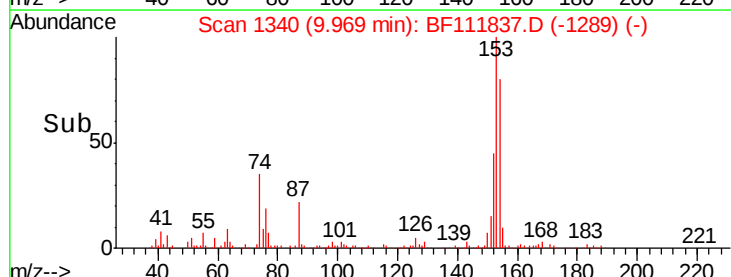
152 55.2 43.4 65.2

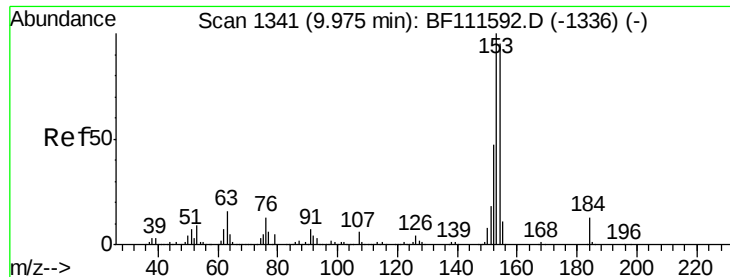


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

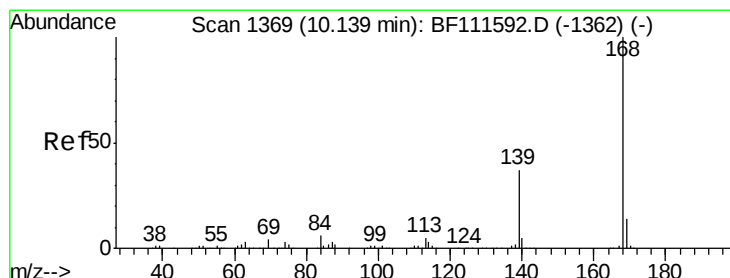
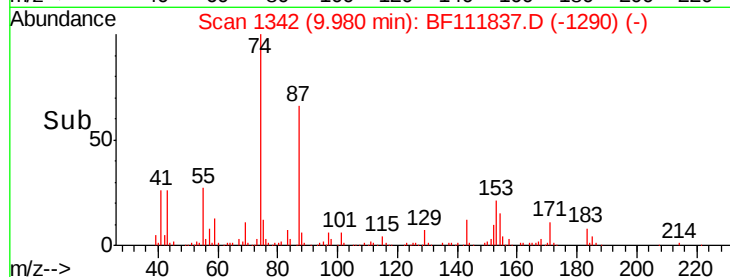
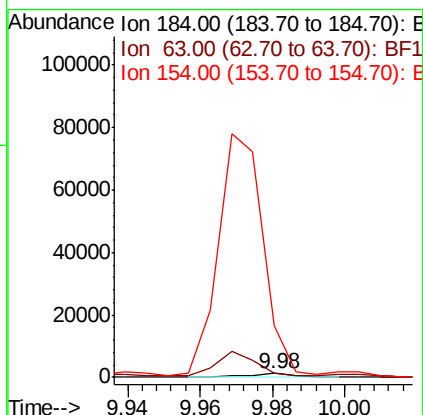
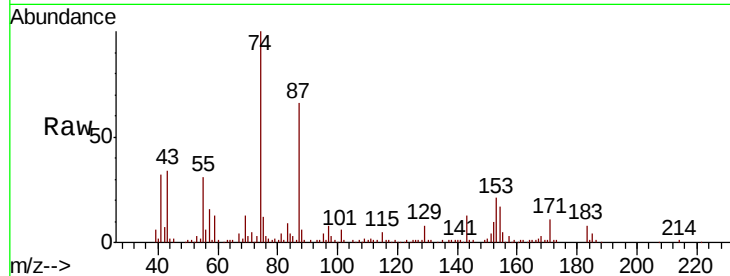




#54
2,4-Dinitrophenol
Concen: 7.756 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

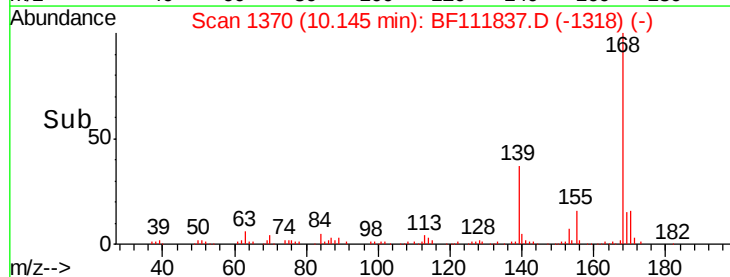
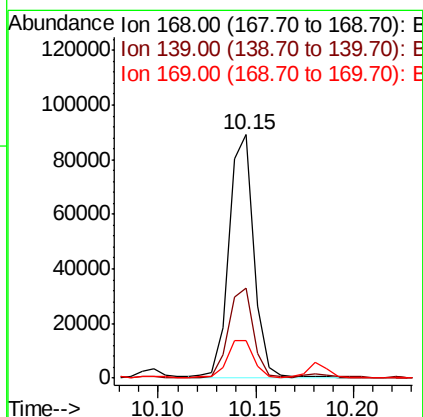
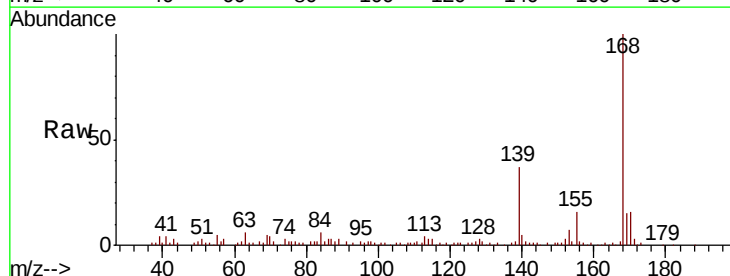
Instrument :
BNA_F
ClientSampled :

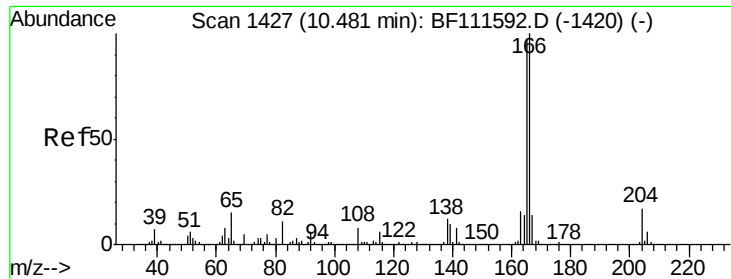
Tot Ion:184 Resp: 987
Ion Ratio Lower Upper
184 100
63 113.3 62.3 93.5#
154 1286.1 56.2 84.2#



#55
Dibenzofuran
Concen: 2.042 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:168 Resp: 79303
Ion Ratio Lower Upper
168 100
139 37.1 32.6 49.0
169 15.2 11.8 17.6





#58

Fluorene

Concen: 4.918 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_F

ClientSampleId :

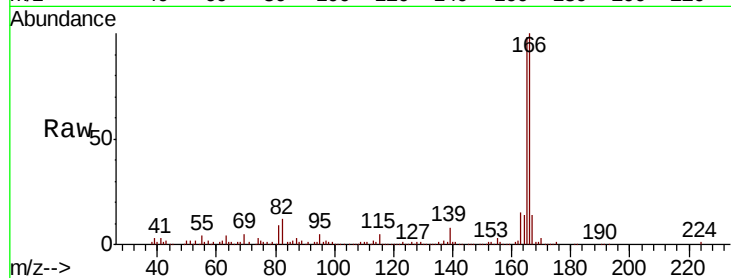
Tot Ion:166 Resp: 137606

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

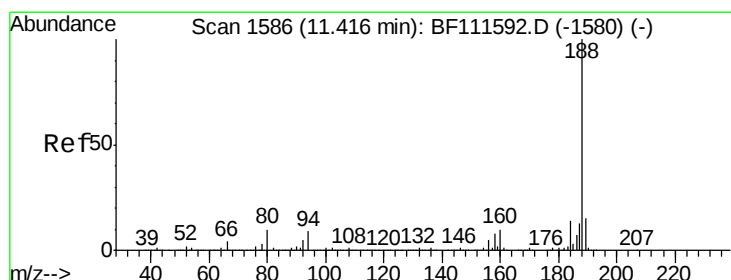
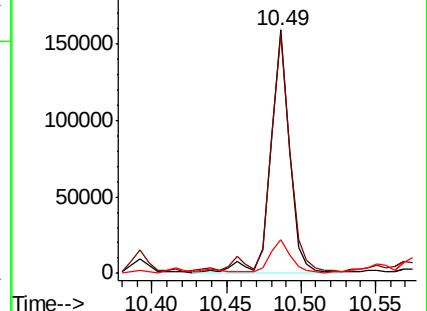
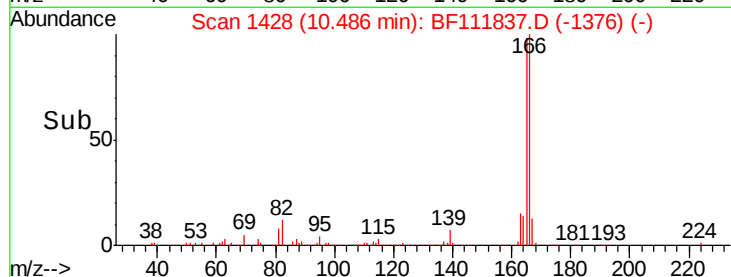
167 13.6 11.2 16.8



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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

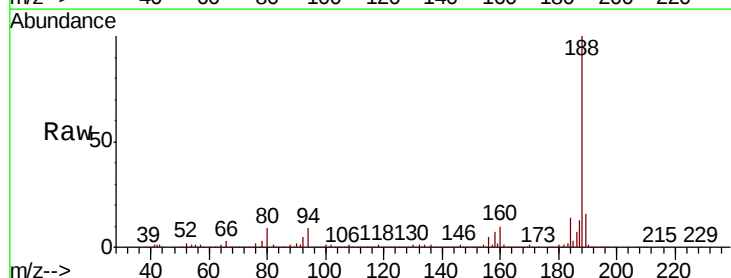
Tgt Ion:188 Resp: 617242

Ion Ratio Lower Upper

188 100

94 9.0 9.6 14.4#

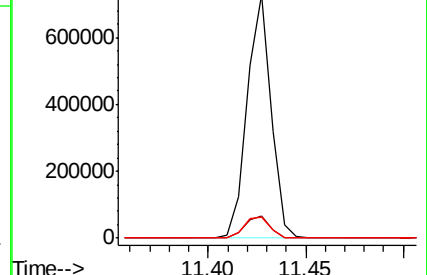
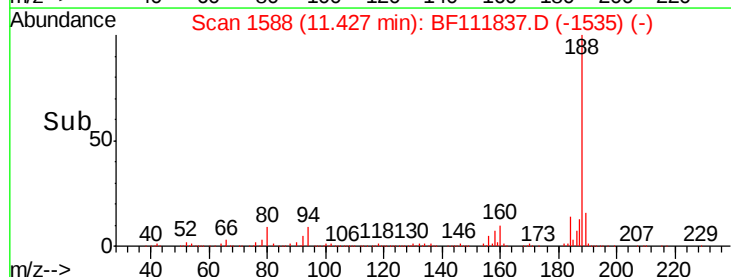
80 8.8 9.8 14.6#

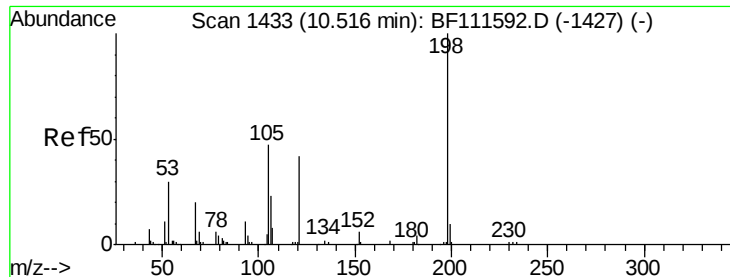


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

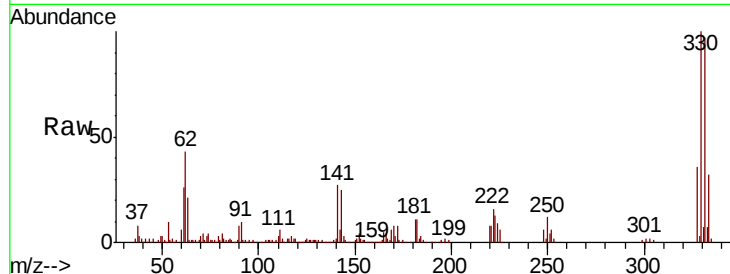




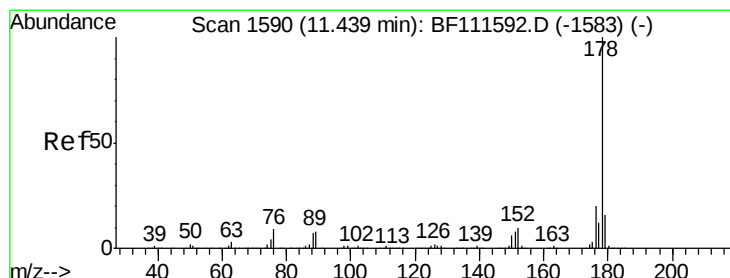
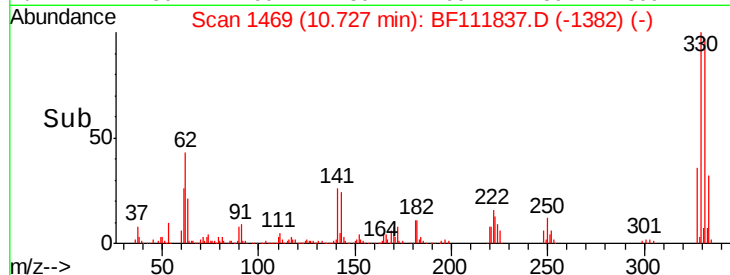
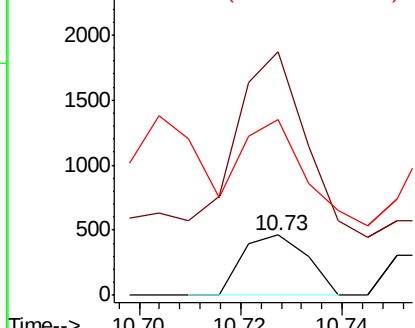
#65
4,6-Dinitro-2-methylphenol
Concen: 6.831 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 409
Ion Ratio Lower Upper
198 100
51 405.0 48.0 88.0#
105 293.1 34.0 74.0#

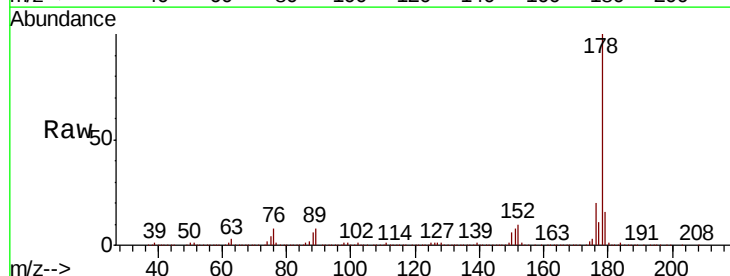


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

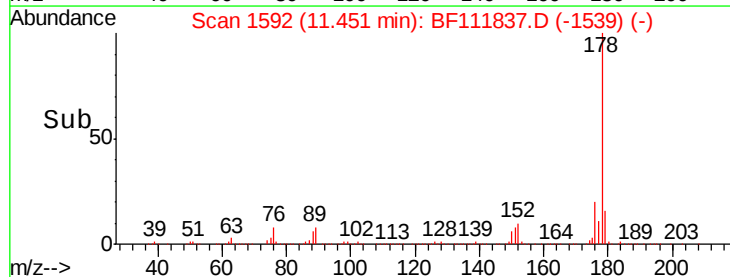
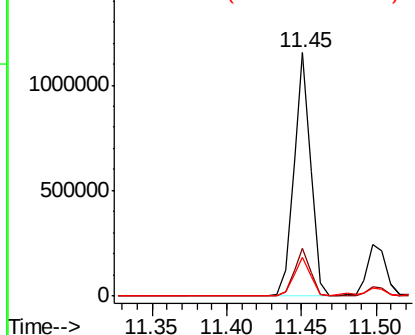


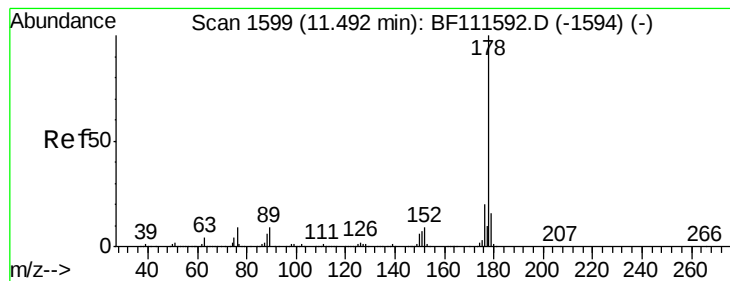
#71
Phenanthrene
Concen: 27.925 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:178 Resp: 914116
Ion Ratio Lower Upper
178 100
176 19.8 18.1 27.1
179 16.0 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: 6.348 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_F

ClientSampled :

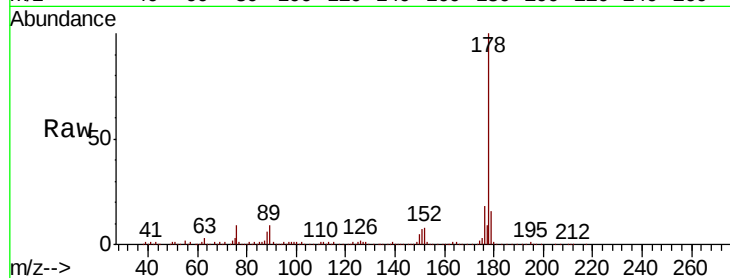
Tot Ion:178 Resp: 208579

Ion Ratio Lower Upper

178 100

176 17.6 17.2 25.8

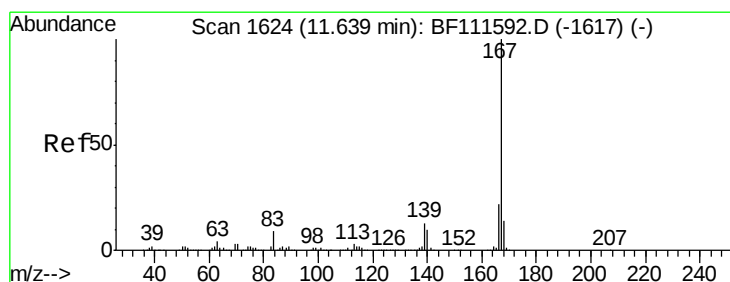
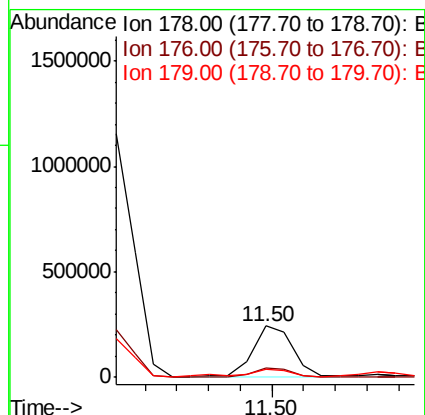
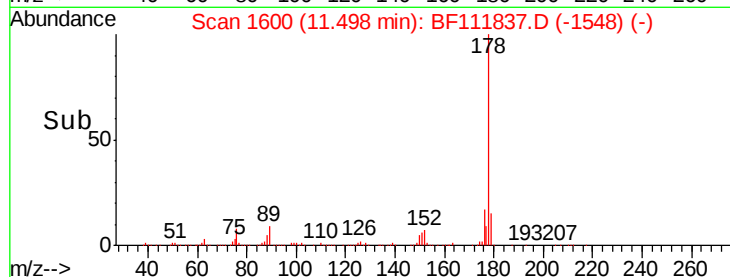
179 15.6 13.8 20.8



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: 2.662 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.02 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

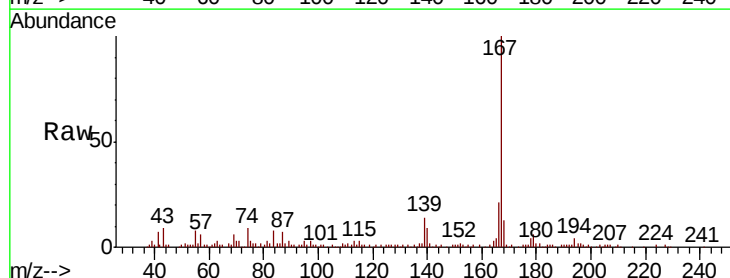
Tgt Ion:167 Resp: 84926

Ion Ratio Lower Upper

167 100

166 21.2 19.3 28.9

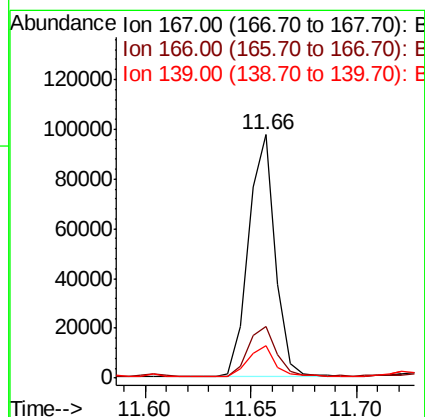
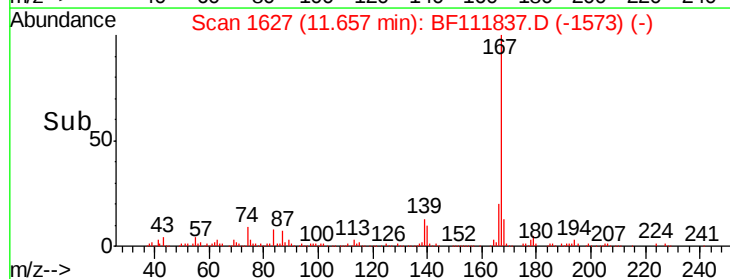
139 13.5 11.9 17.9

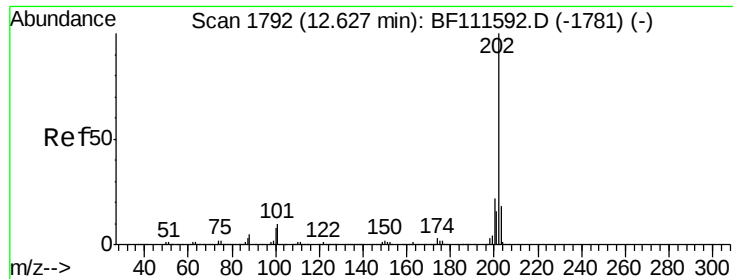


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 34.941 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.02 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

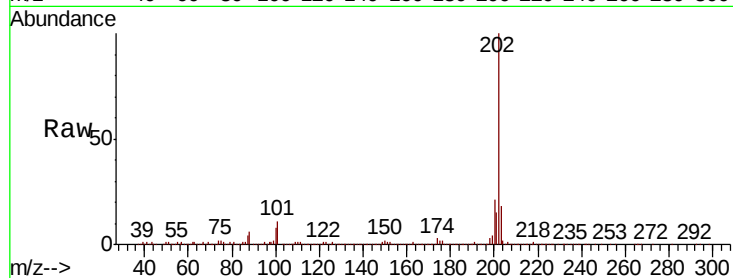
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1158229

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	18.3	0.0	38.6

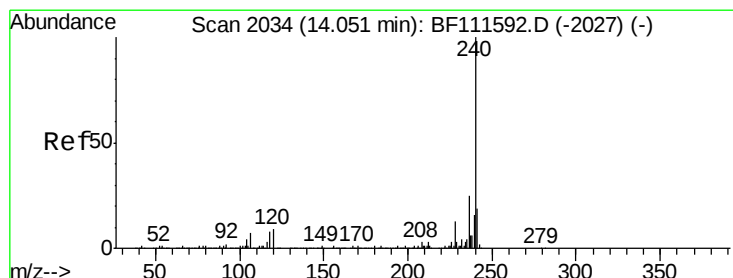
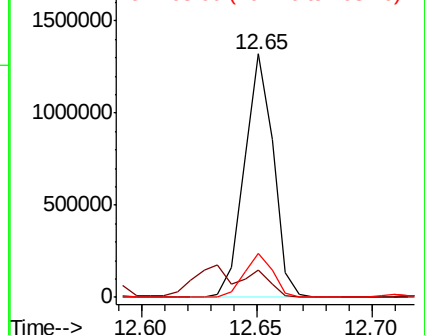
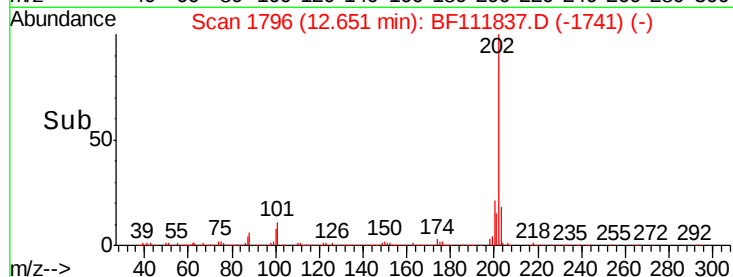


Abundance

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# 2038

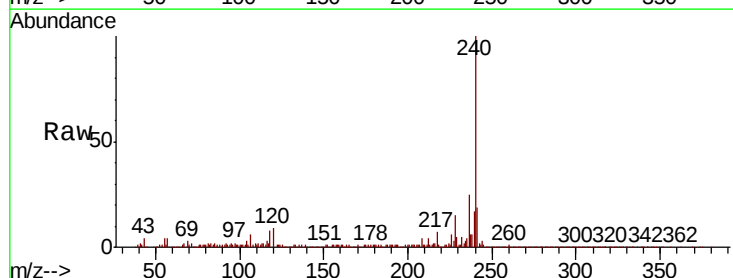
Delta R.T. 0.02 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Tgt Ion:240 Resp: 485027

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.2	18.2#
236	25.3	20.2	30.2

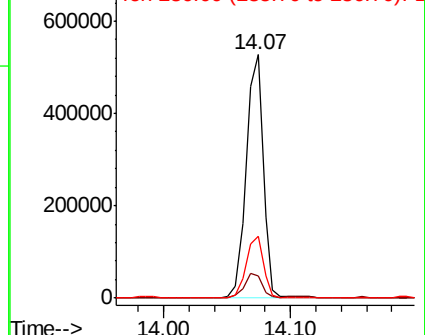
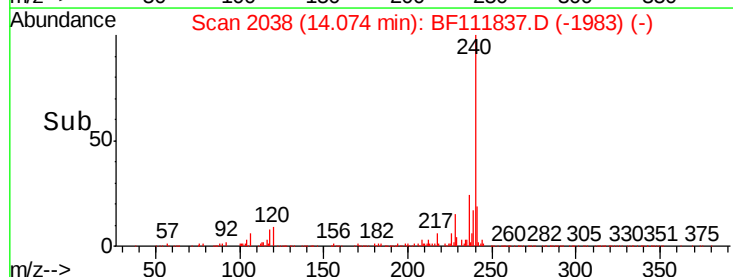


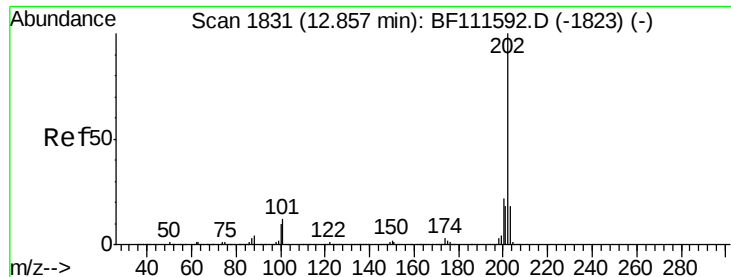
Abundance

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

Pvrene

Concen: 36.404 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.03 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

Instrument :

BNA_F

ClientSampleId :

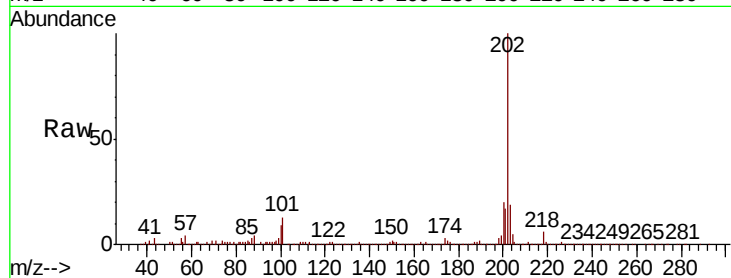
Tot Ion:202 Resp: 1246900

Ion Ratio Lower Upper

202 100

200 20.4 19.0 28.4

203 19.1 15.2 22.8

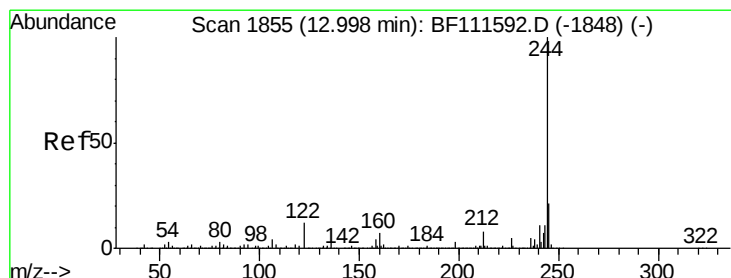
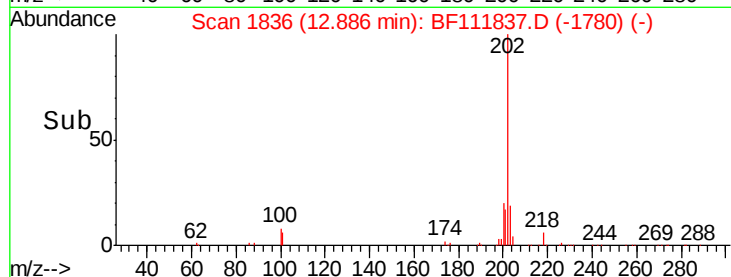
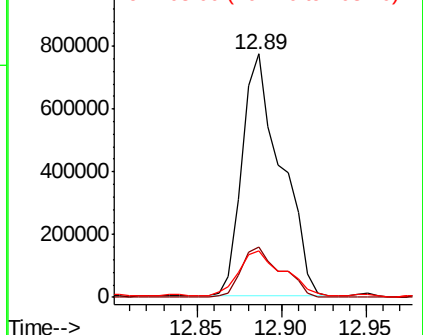


Abundance

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: 26.302 ng

RT: 13.02 min Scan# 1859

Delta R.T. 0.02 min

Lab File: BF111837.D

Acq: 3 Jan 2019 22:38

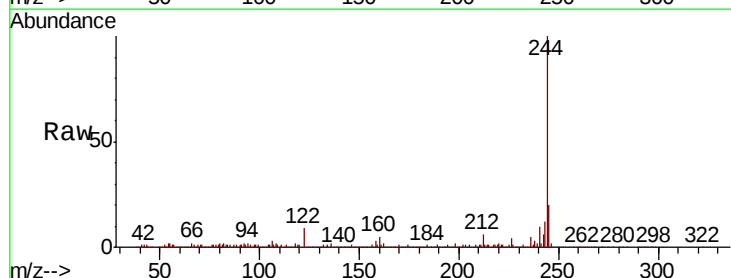
Tgt Ion:244 Resp: 672709

Ion Ratio Lower Upper

244 100

212 6.0 5.7 8.5

122 9.1 13.1 19.7#

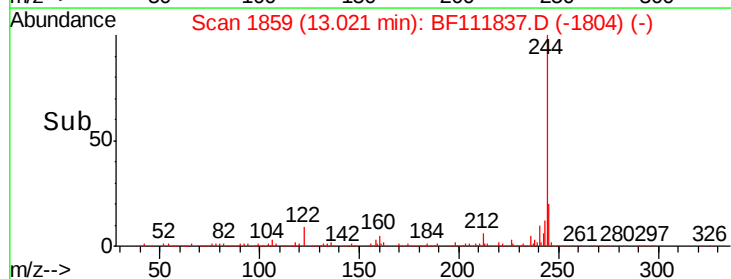
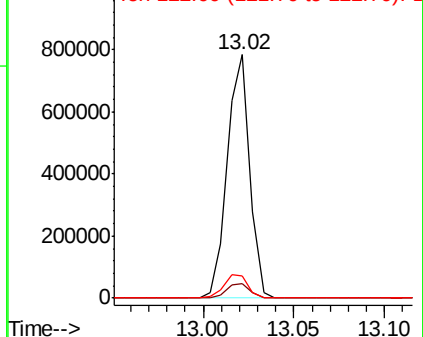


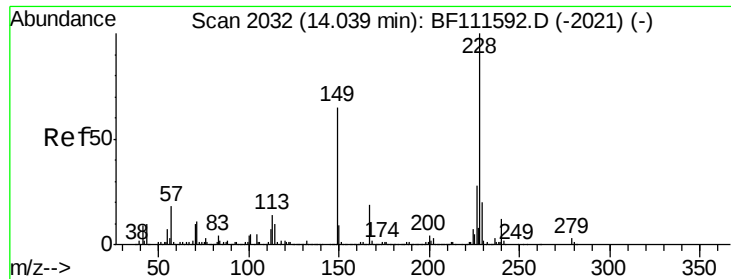
Abundance

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

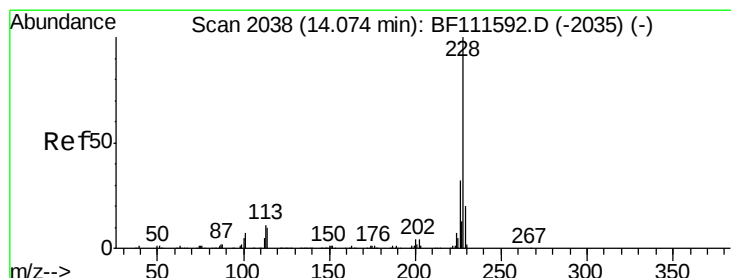
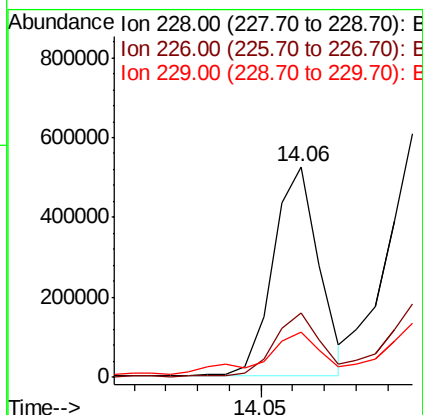
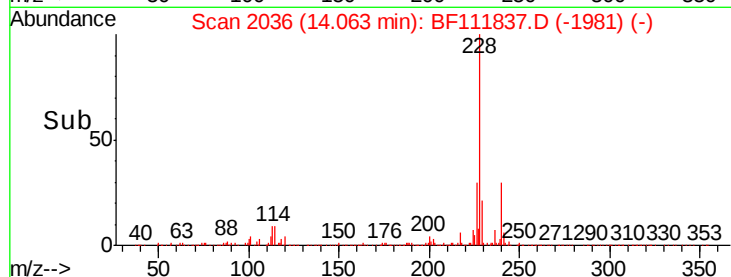
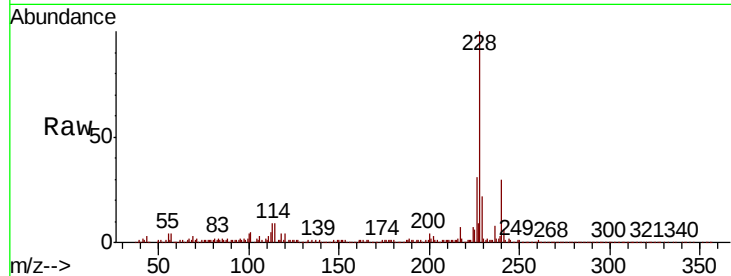




#81
Benzo(a)anthracene
Concen: 18.975 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

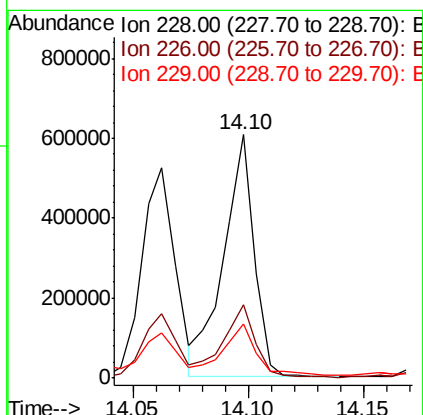
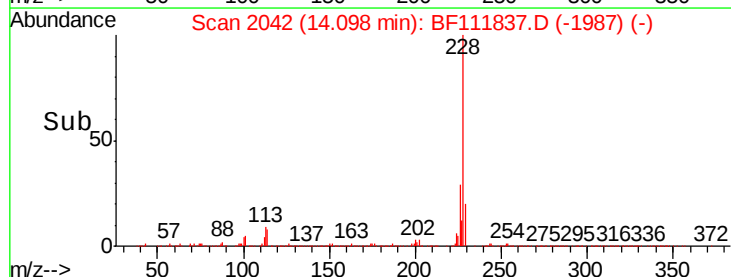
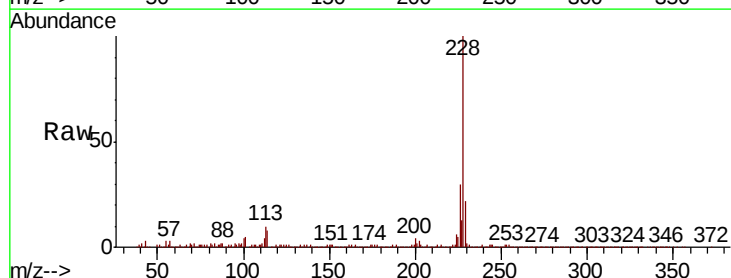
Instrument :
BNA_F
ClientSampleId :

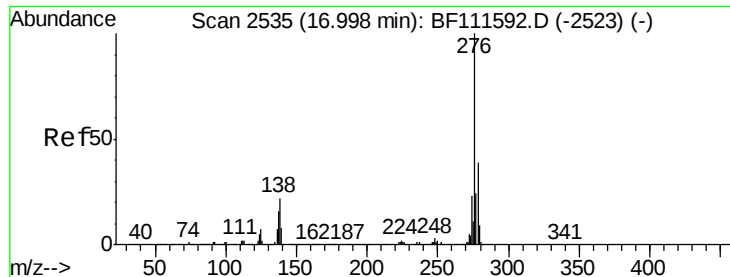
Tot Ion:228 Resp: 525224
Ion Ratio Lower Upper
228 100
226 30.6 22.6 34.0
229 21.6 16.3 24.5



#83
Chrysene
Concen: 20.516 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion:228 Resp: 558152
Ion Ratio Lower Upper
228 100
226 30.0 25.3 37.9
229 22.1 17.2 25.8

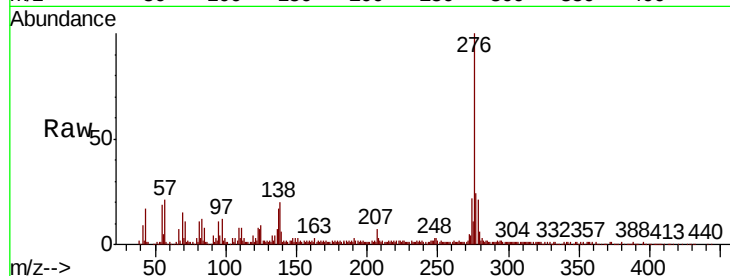




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.314 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.06 min
 Lab File: BF111837.D
 Acq: 3 Jan 2019 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	27.8	41.6#
277	25.2	20.1	30.1

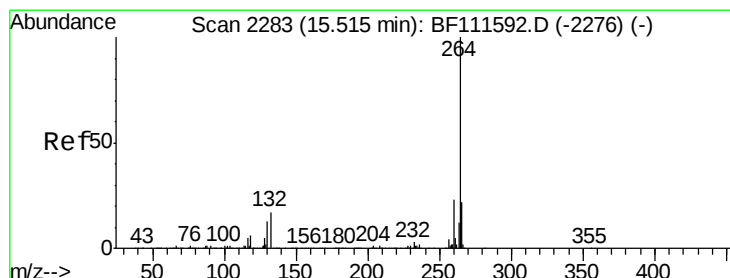
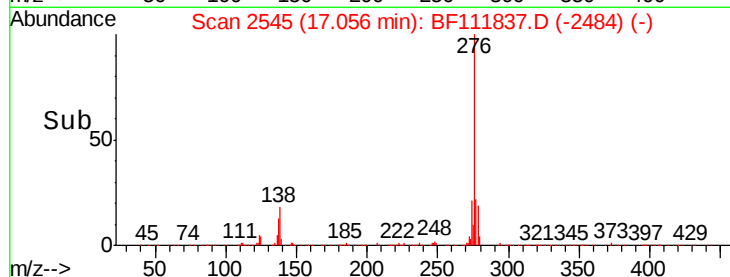
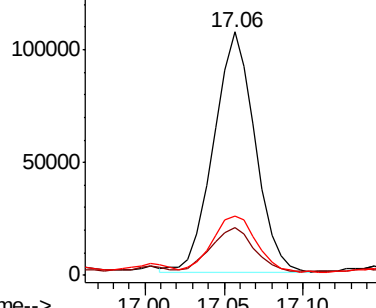


Abundance

Ion 276.00 (275.70 to 276.70): E

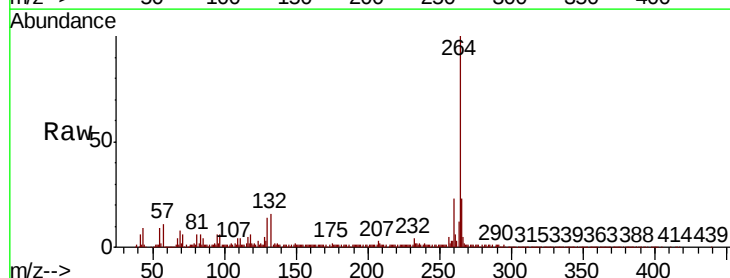
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.04 min
 Lab File: BF111837.D
 Acq: 3 Jan 2019 22:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	22.9	17.7	26.5

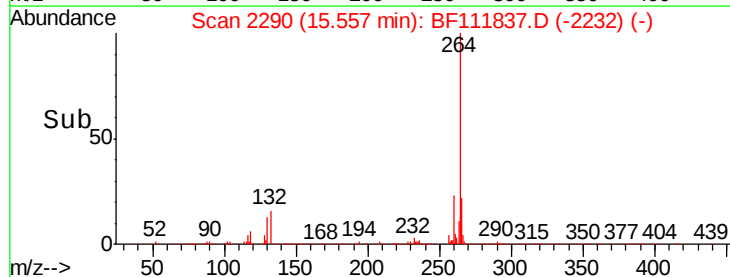
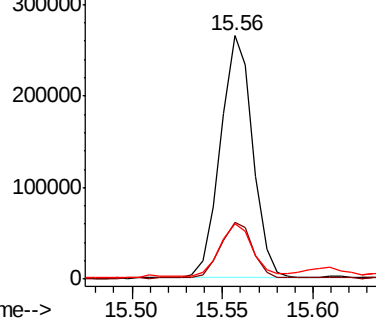


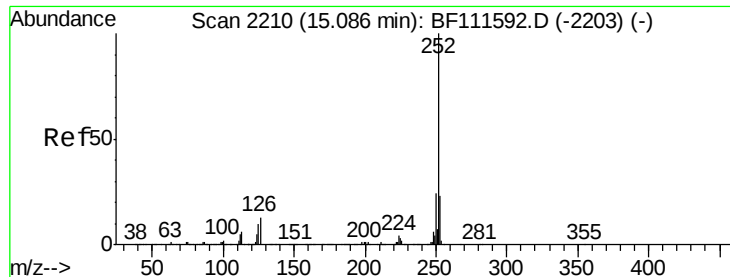
Abundance

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

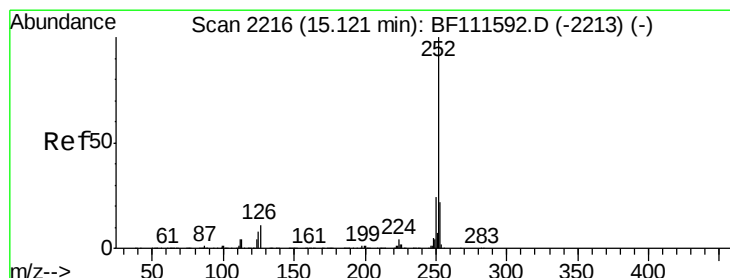
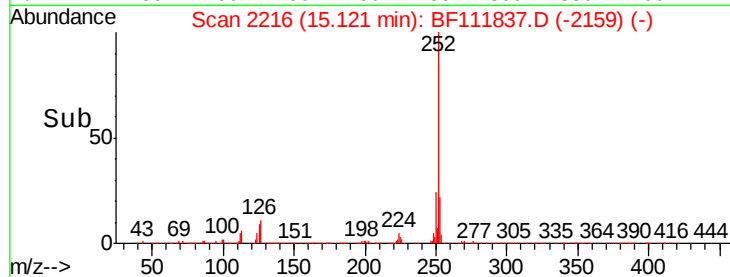
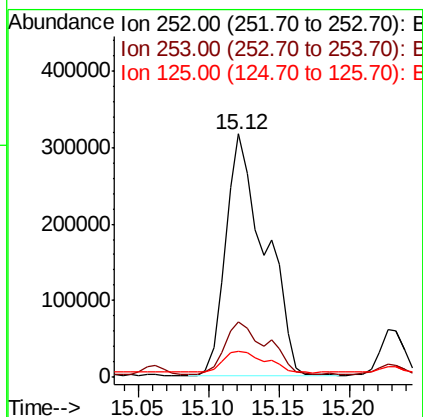
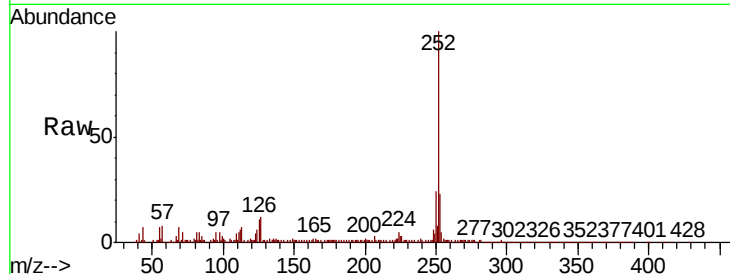




#88
Benzo(b)fluoranthene
Concen: 31.990 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

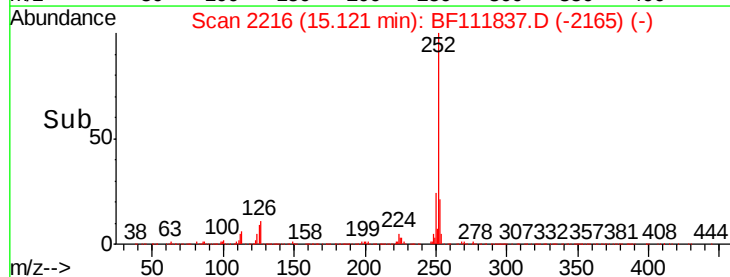
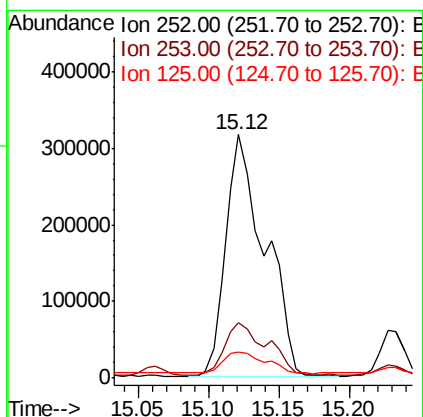
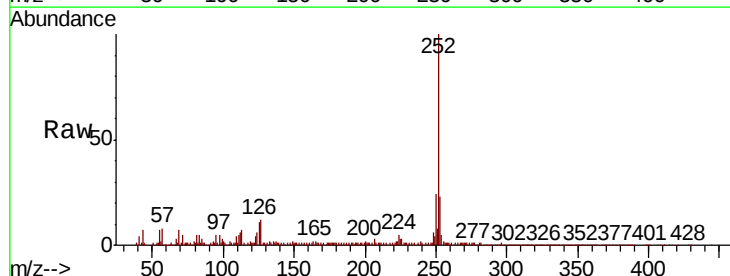
Instrument :
BNA_F
ClientSampleId :

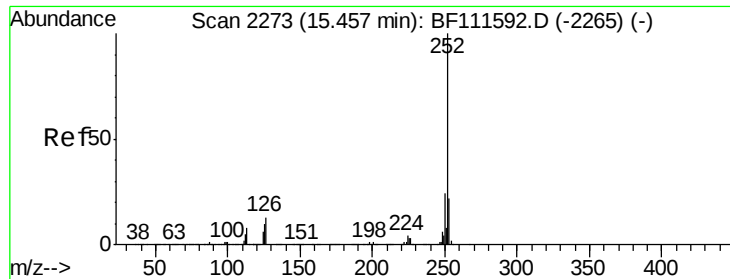
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.9	10.4	15.6



#89
Benzo(k)fluoranthene
Concen: 33.602 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.9	9.8	14.8

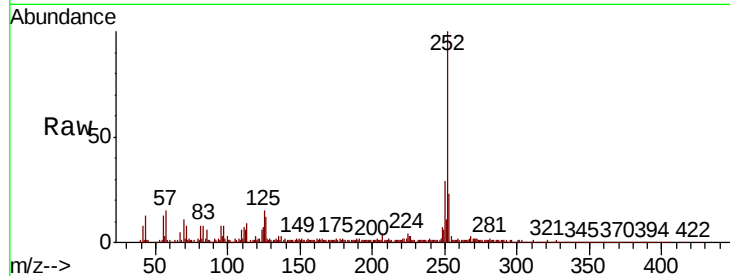




#90
Benzo(a)pyrene
Concen: 13.403 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	14.9	12.3	18.5

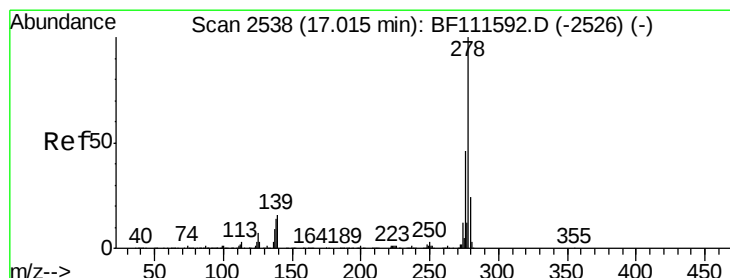
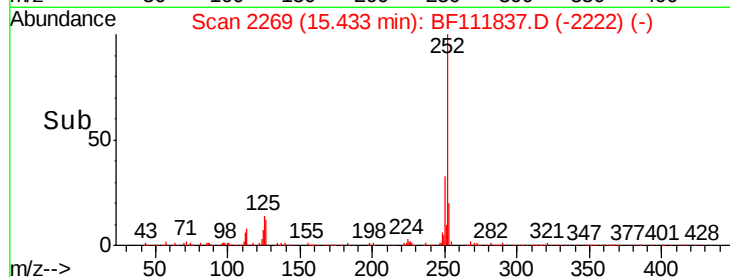
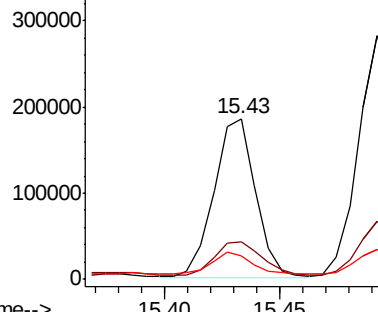


Abundance

Ion 252.00 (251.70 to 252.70): E

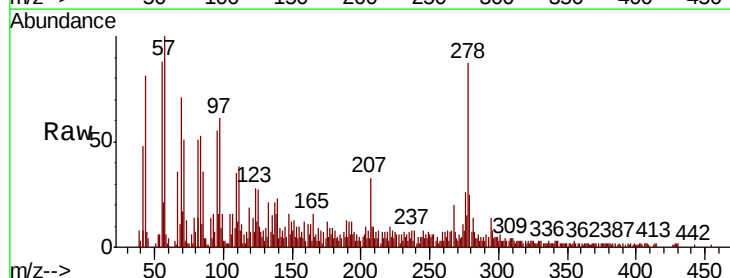
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 2.641 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.23 min
Lab File: BF111837.D
Acq: 3 Jan 2019 22:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.2	18.2	27.4
279	28.4	19.0	28.6

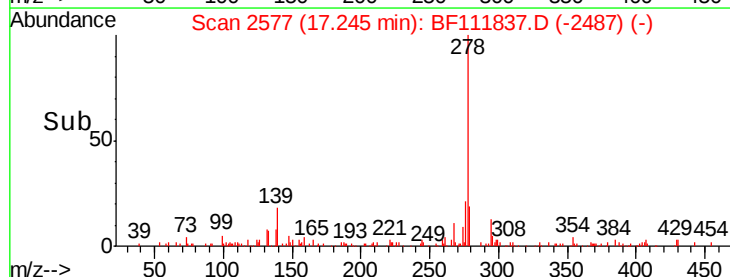
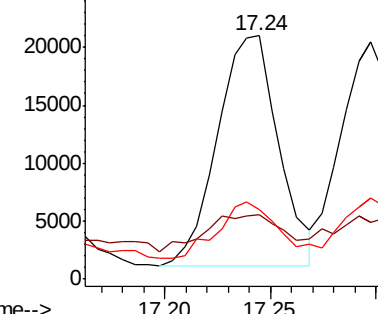


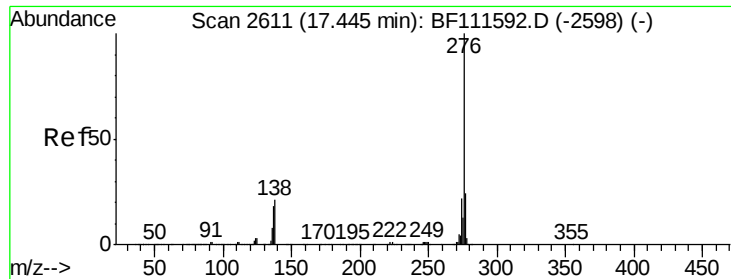
Abundance

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(a,h,i)perylene
 Concen: 12.930 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.07 min
 Lab File: BF111837.D
 Acq: 3 Jan 2019 22:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	21.6	24.9	37.3

