

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
 Data File : BF111554.D
 Acq On : 17 Dec 2018 22:17
 Operator : JU/SJ
 Sample : J6403-21 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Quant Time: Dec 18 04:12:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145511	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	781584	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	356712	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	504452	20.00	ng	0.00
76) Chrysene-d12	13.95	240	375311	20.00	ng	0.00
87) Perylene-d12	15.39	264	383160	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	133677	15.29	ng	0.00
7) Phenol-d6	6.43	99	182243	15.67	ng	0.00
23) Nitrobenzene-d5	7.35	82	165598	12.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	41325	12.93	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	280719	12.16	ng	-0.01
79) Terphenyl-d14	12.89	244	179189	11.21	ng	0.00

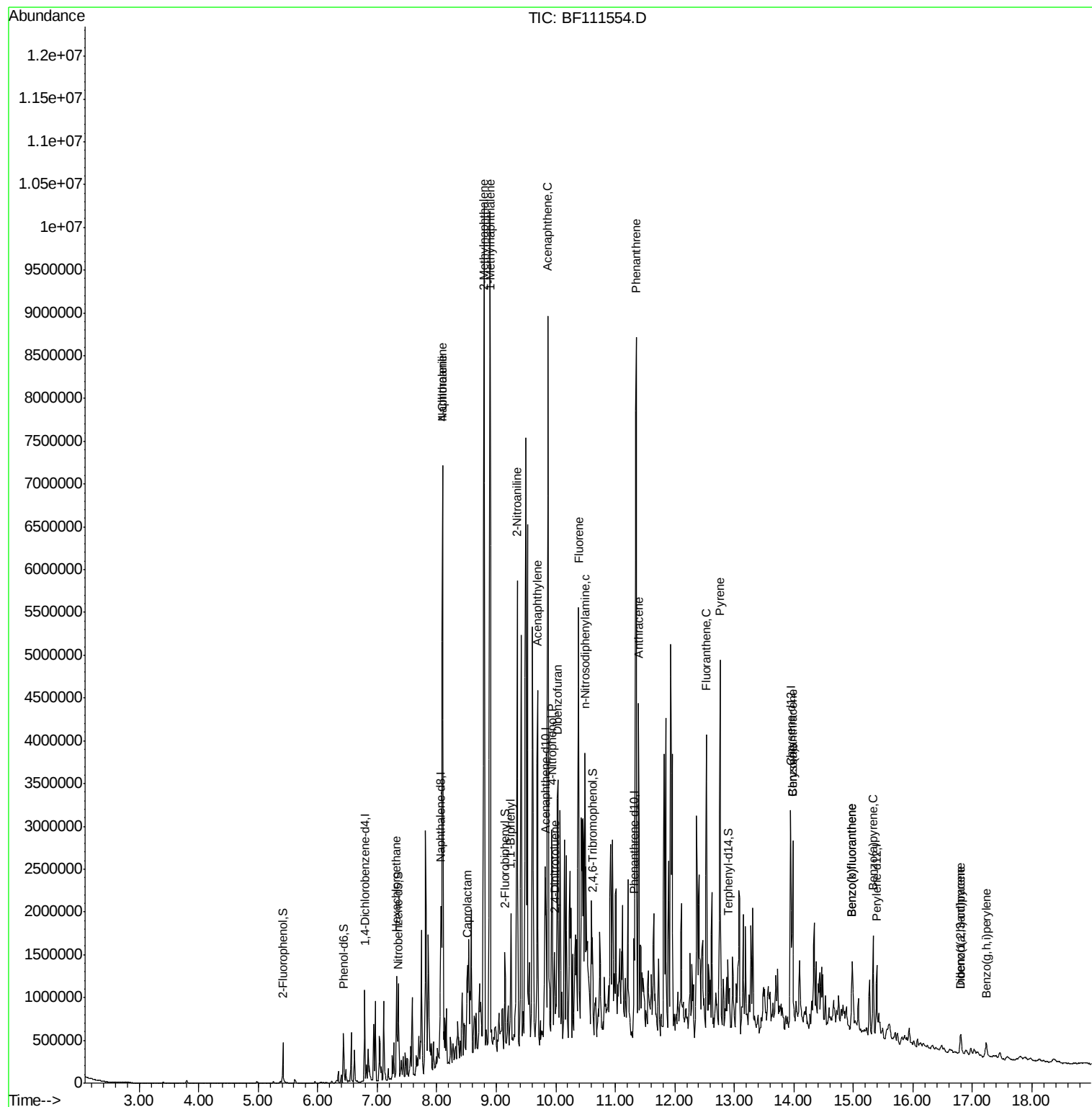
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.33	117	51590	11.875	ng	# 1
31) Naphthalene	8.10	128	3298603	90.233	ng	99
33) 4-Chloroaniline	8.10	127	450178	27.694	ng	# 32
35) Caprolactam	8.50	113	9987	2.503	ng	# 11
37) 2-Methylnaphthalene	8.80	142	3884165	157.019	ng	97
38) 1-Methylnaphthalene	8.90	142	3636863	152.184	ng	98
46) 1,1'-Biphenyl	9.25	154	473369	15.662	ng	95
48) 2-Nitroaniline	9.35	65	33347	4.470	ng	# 31
49) Acenaphthylene	9.69	152	387087	11.351	ng	# 75
52) Acenaphthene	9.87	154	2284203	105.975	ng	99
55) Dibenzofuran	10.03	168	179650	5.742	ng	# 53
56) 4-Nitrophenol	9.93	139	68347	14.061	ng	# 26
57) 2,4-Dinitrotoluene	9.99	165	53064	6.992	ng	# 51
58) Fluorene	10.38	166	1390377	61.269	ng	99
66) n-Nitrosodiphenylamine	10.49	169	147373	8.472	ng	# 1
71) Phenanthrene	11.35	178	4016908	154.535	ng	99
72) Anthracene	11.39	178	1426080	53.646	ng	96
75) Fluoranthene	12.53	202	1298361	51.058	ng	100
78) Pyrene	12.76	202	2038358	77.033	ng	97
81) Benzo(a)anthracene	13.98	228	888583	43.543	ng	96
83) Chrysene	13.98	228	888583	41.334	ng	98
86) Indeno(1,2,3-cd)pyrene	16.80	276	123533	7.962	ng	95
88) Benzo(b)fluoranthene	14.98	252	609677	27.292	ng	# 97
89) Benzo(k)fluoranthene	14.98	252	609677	28.563	ng	# 96
90) Benzo(a)pyrene	15.33	252	536708	26.643	ng	97
91) Dibenzo(a,h)anthracene	16.81	278	52244	3.288	ng	# 87
92) Benzo(g,h,i)perylene	17.23	276	122847	7.876	ng	98

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

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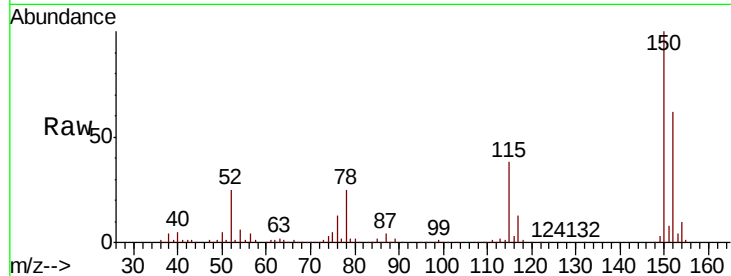


#1

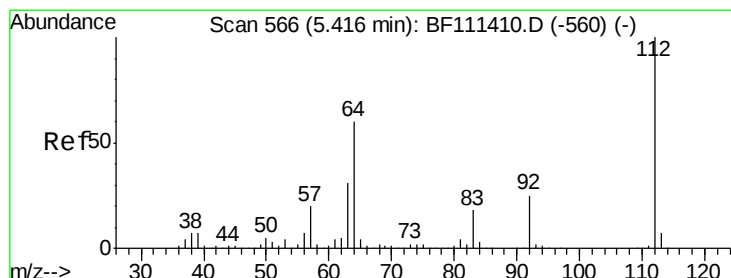
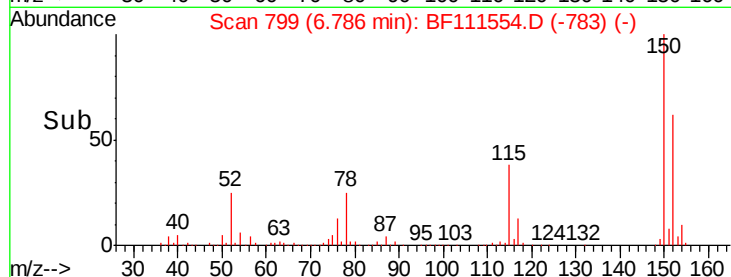
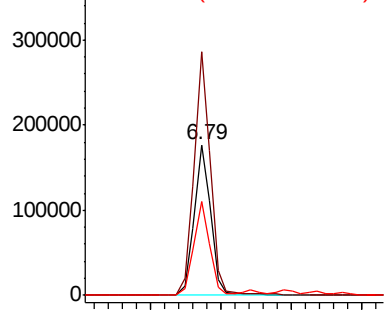
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Instrument :
BNA_F
ClientSampleId :
TP-3-B

Tgt Ion:152 Resp: 145511
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 62.2 50.7 76.1



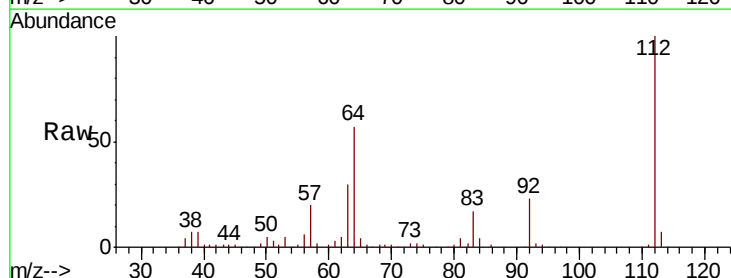
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



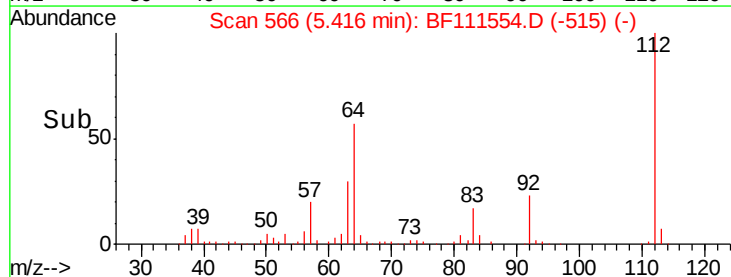
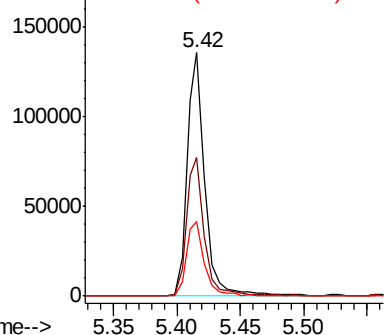
#5

2-Fluorophenol
Concen: 15.287 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion:112 Resp: 133677
Ion Ratio Lower Upper
112 100
64 56.9 51.8 77.6
63 30.5 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: 15.668 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

Instrument :

BNA_F

ClientSampled :

TP-3-B

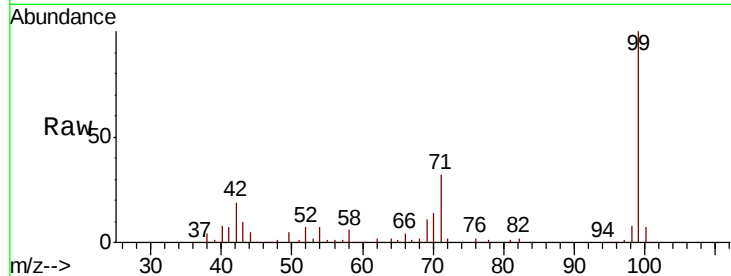
Tgt Ion: 99 Resp: 182243

Ion Ratio Lower Upper

99 100

42 19.5 17.4 26.0

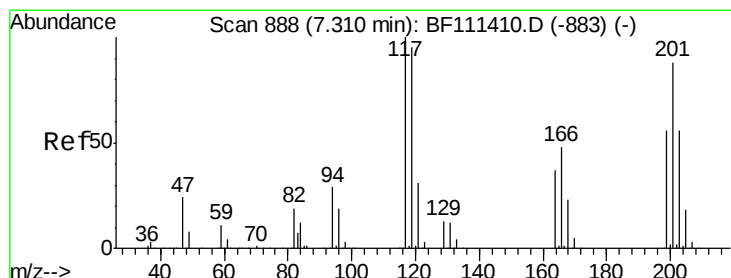
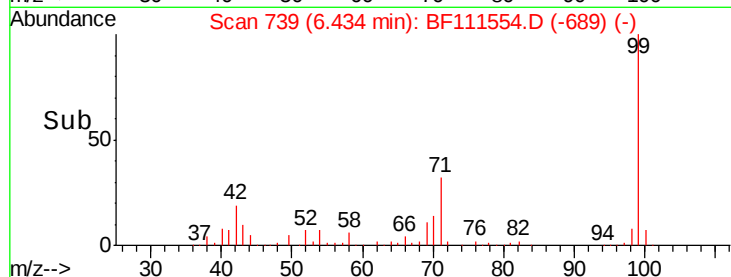
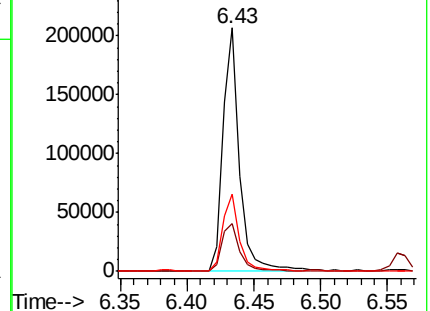
71 31.9 26.1 39.1



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



#18

Hexachloroethane

Concen: 11.875 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.02 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

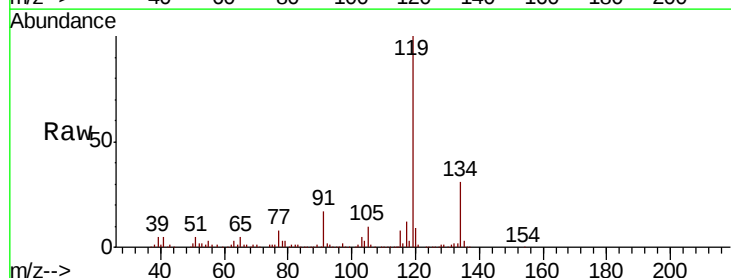
Tgt Ion: 117 Resp: 51590

Ion Ratio Lower Upper

117 100

119 812.3 75.4 113.0#

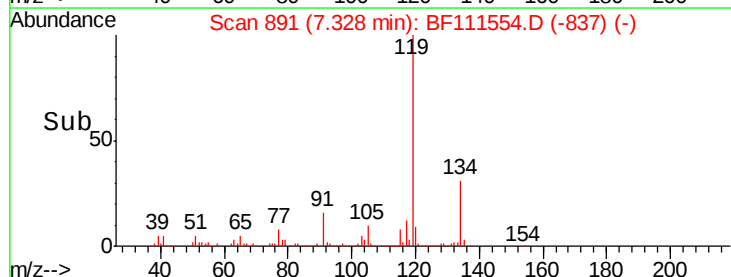
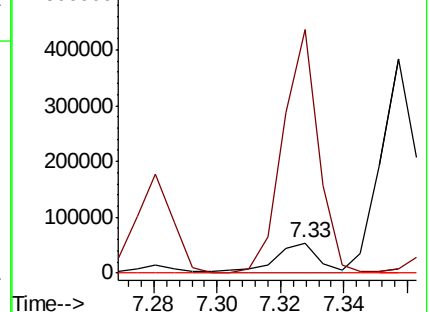
201 0.0 62.4 93.6#

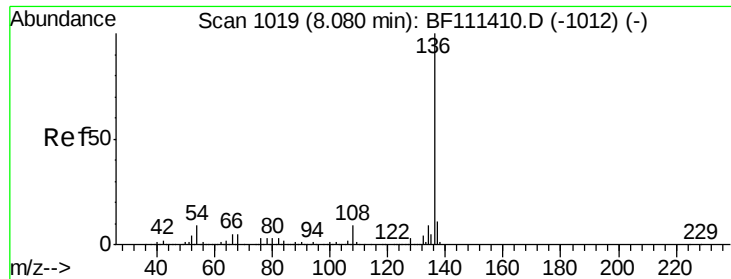


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

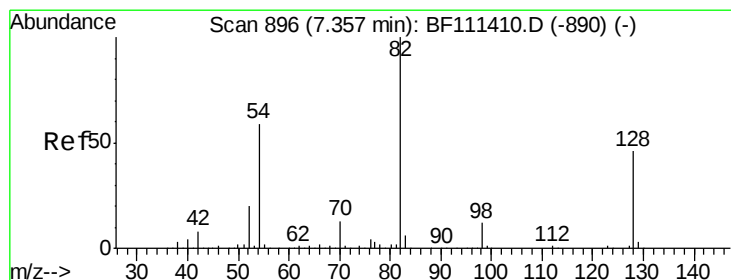
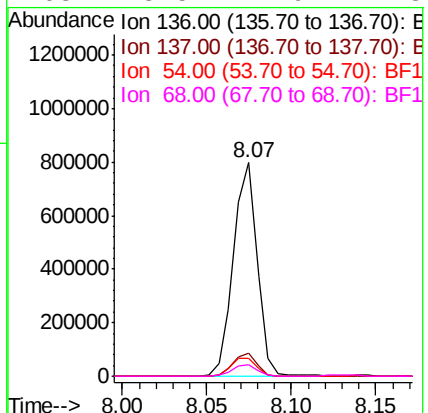
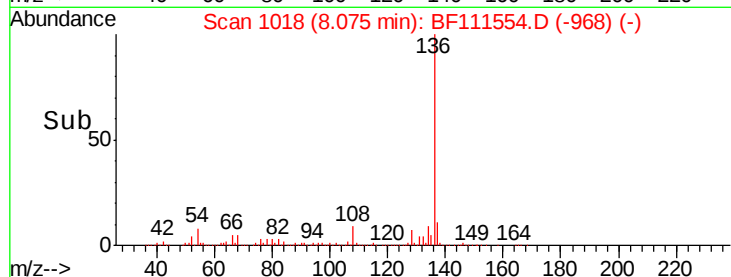
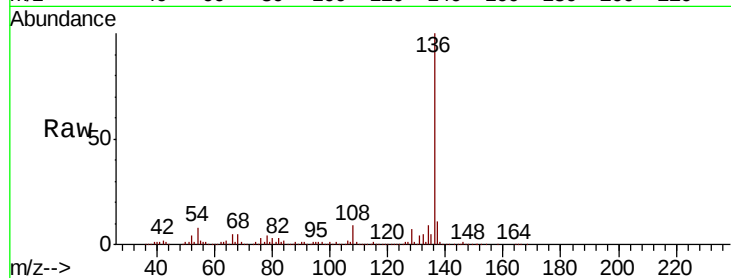




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

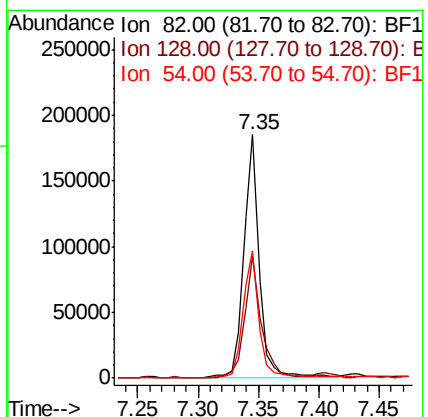
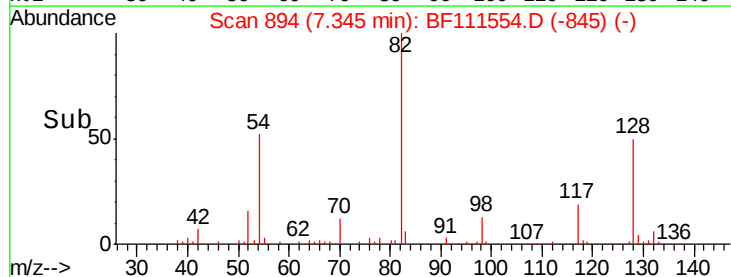
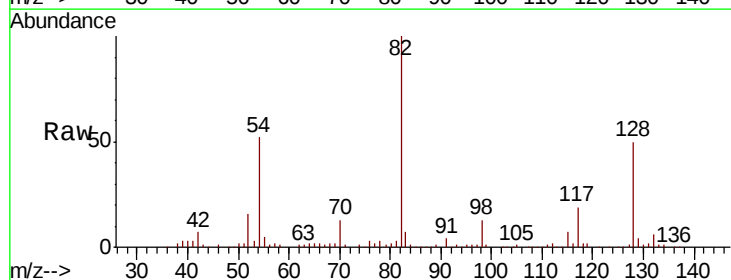
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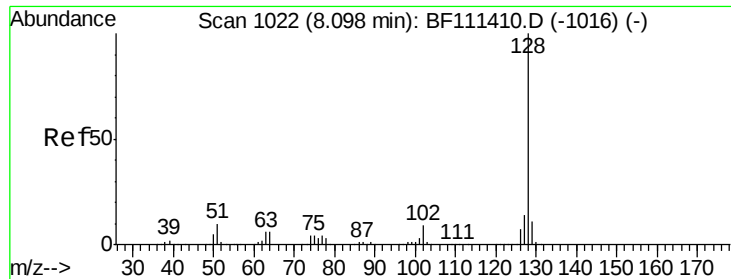
Tgt Ion:	136	Resp:	781584
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.2	7.7	11.5
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 12.617 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion:	82	Resp:	165598
Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.4	56.2
54	52.3	47.6	71.4

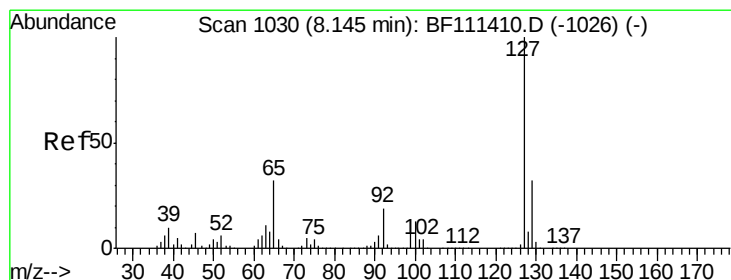
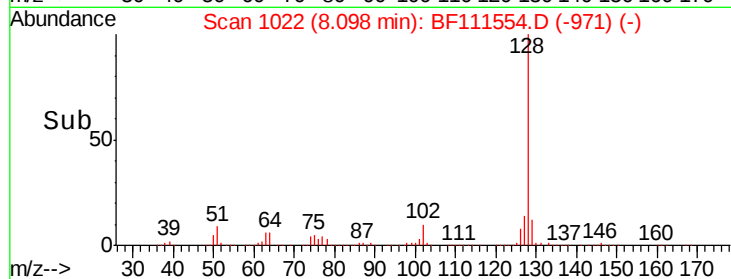
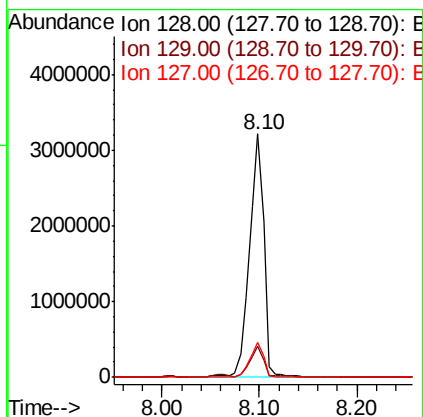
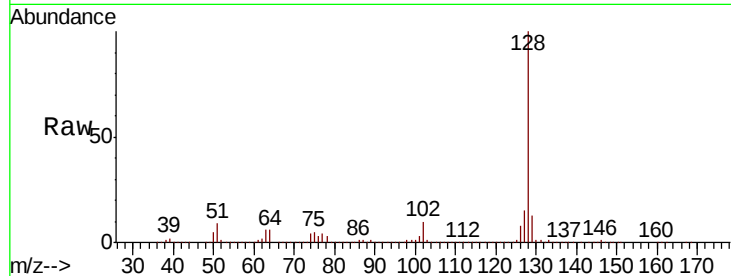




#31
Naphthalene
Concen: 90.233 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

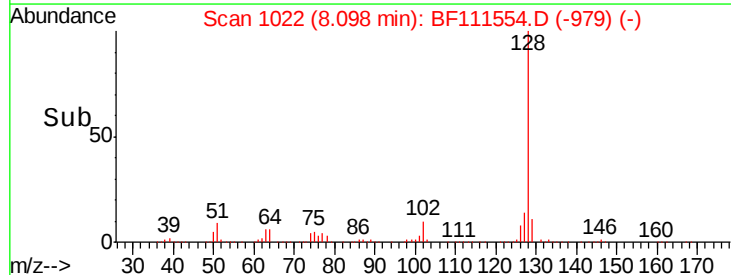
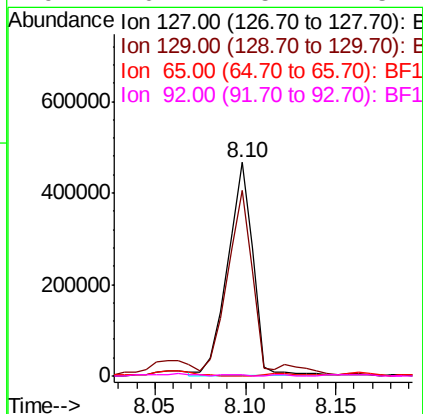
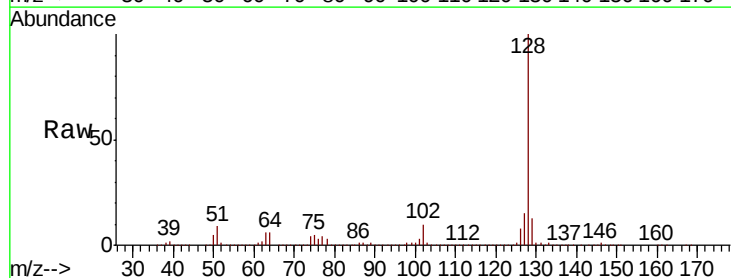
Instrument :
BNA_F
ClientSampleId :
TP-3-B

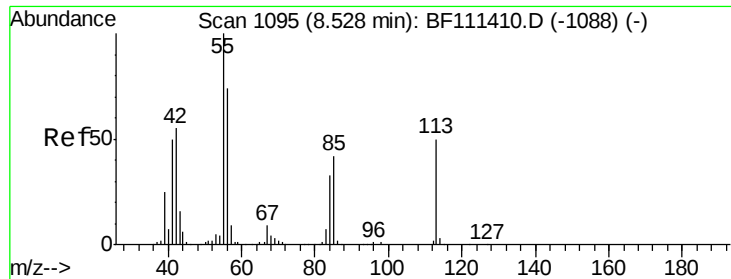
Tgt Ion:128 Resp: 3298603
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.8
127 14.5 12.0 18.0



#33
4-Chloroaniline
Concen: 27.694 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion:127 Resp: 450178
Ion Ratio Lower Upper
127 100
129 86.7 26.6 39.8#
65 0.0 25.7 38.5#
92 0.4 15.4 23.2#

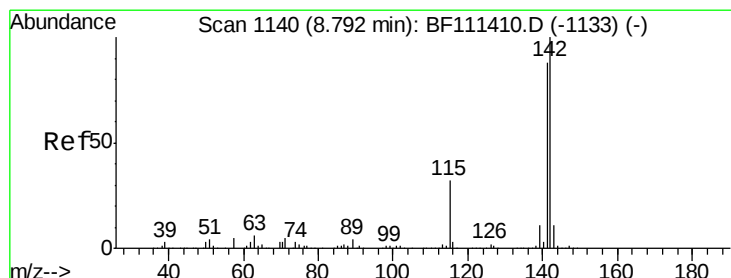
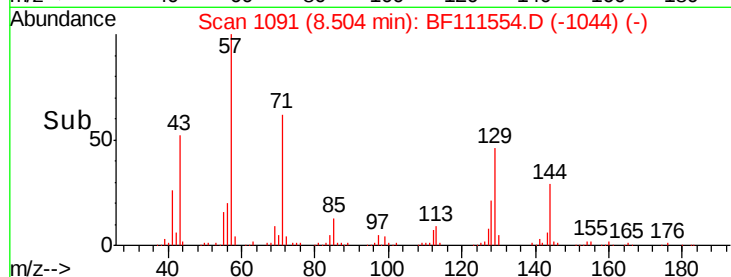
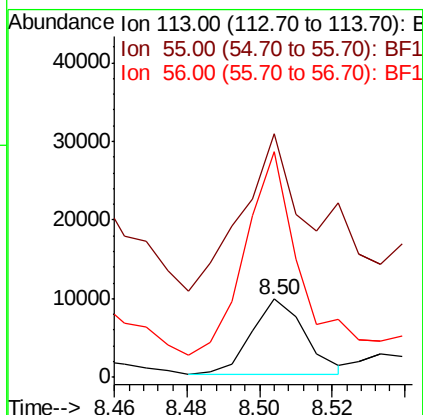
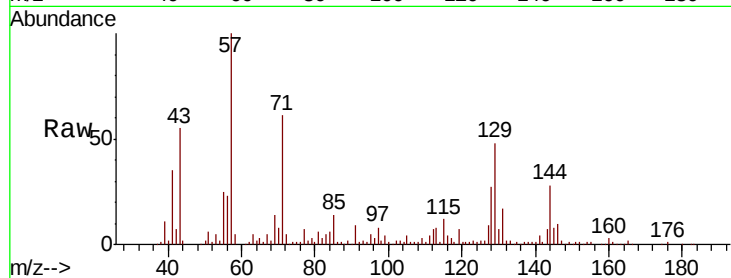




#35
 Caprolactam
 Concen: 2.503 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.02 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

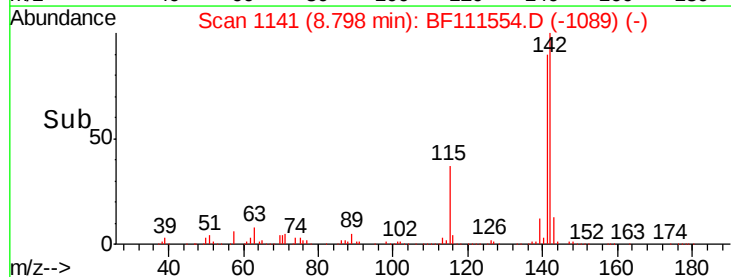
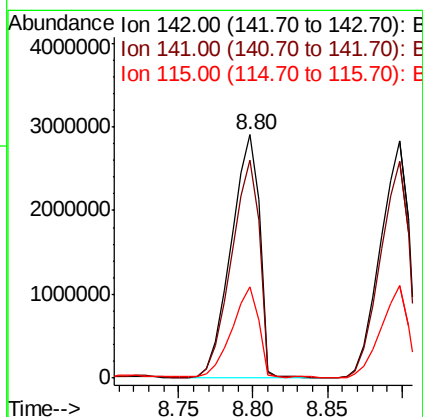
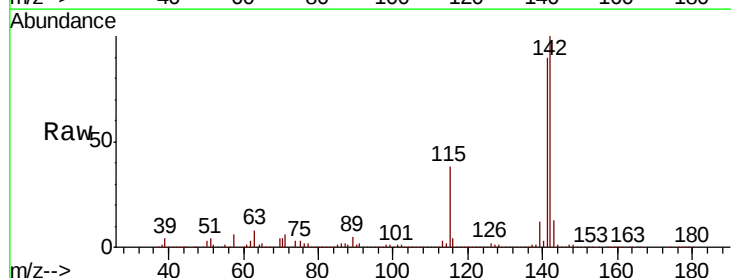
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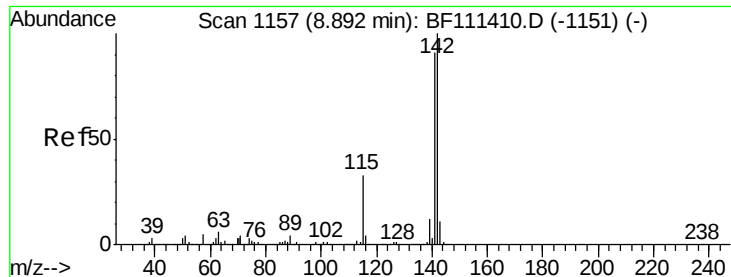
Tgt Ion:113 Resp: 9987
 Ion Ratio Lower Upper
 113 100
 55 311.9 184.1 224.1#
 56 288.8 126.0 166.0#



#37
 2-Methylnaphthalene
 Concen: 157.019 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Tgt Ion:142 Resp: 3884165
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.6 105.8
 115 37.6 27.0 40.6

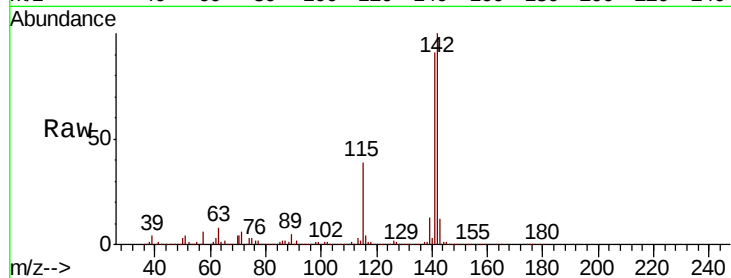




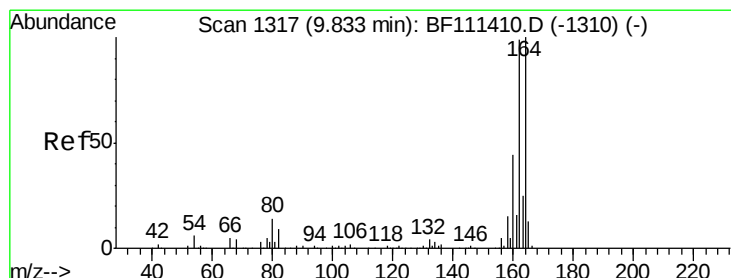
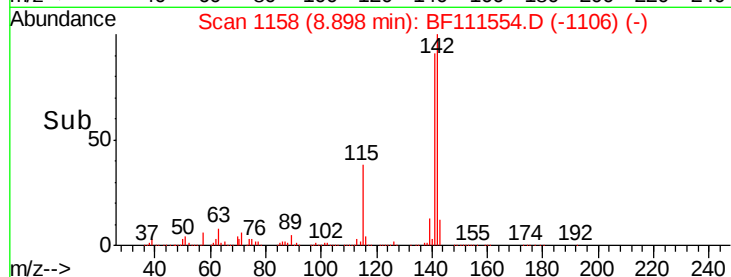
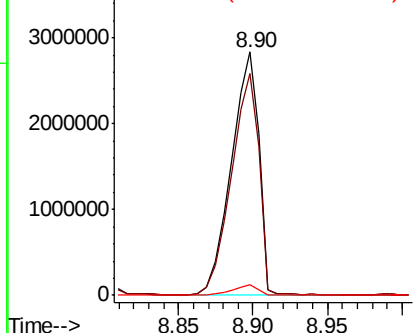
#38
 1-Methylnaphthalene
 Concen: 152.184 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Tgt Ion:142 Resp: 3636863
 Ion Ratio Lower Upper
 142 100
 141 91.0 74.2 111.4
 116 4.3 2.9 4.3

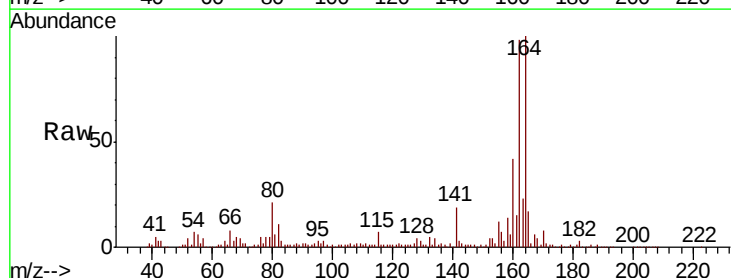


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

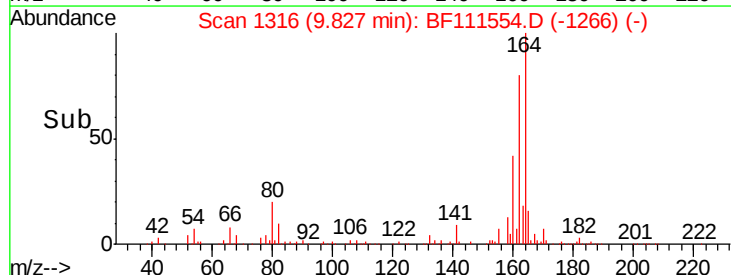
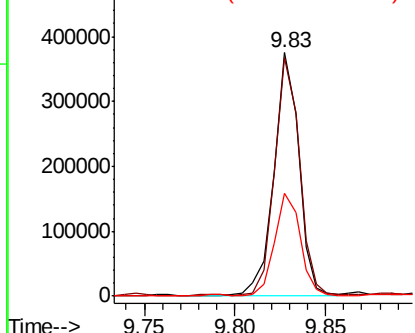


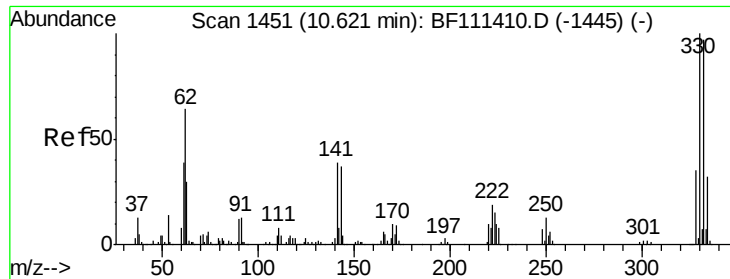
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Tgt Ion:164 Resp: 356712
 Ion Ratio Lower Upper
 164 100
 162 98.2 81.4 122.0
 160 42.4 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

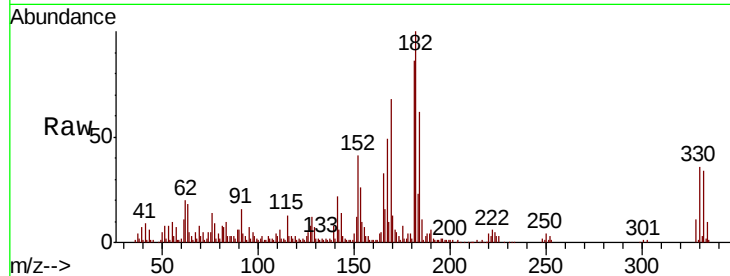




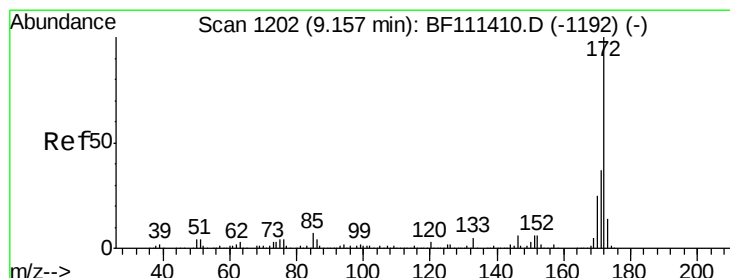
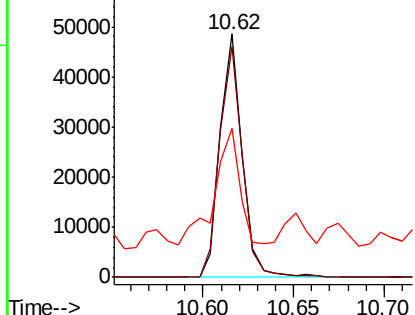
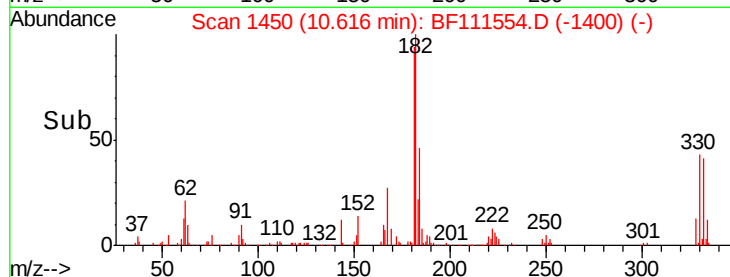
#42
 2,4,6-Tribromophenol
 Concen: 12.933 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Tgt Ion:330 Resp: 41325
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.0 114.0
 141 53.2 31.0 46.6#

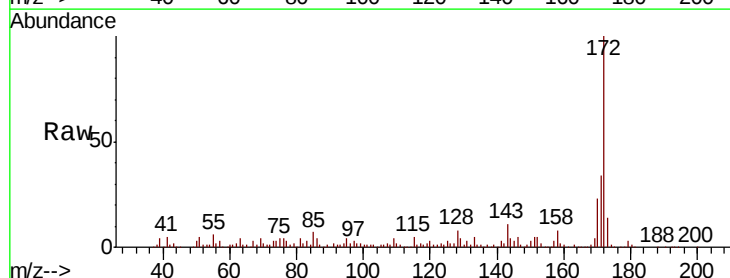


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

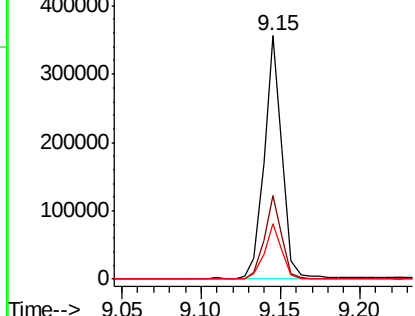
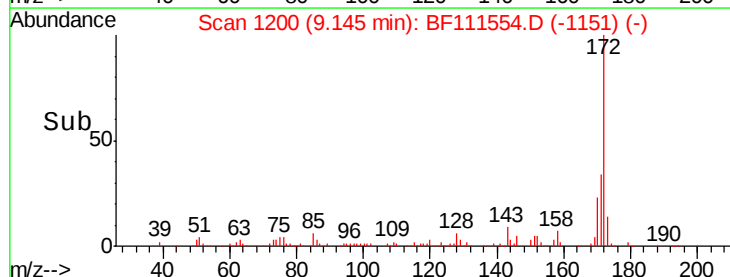


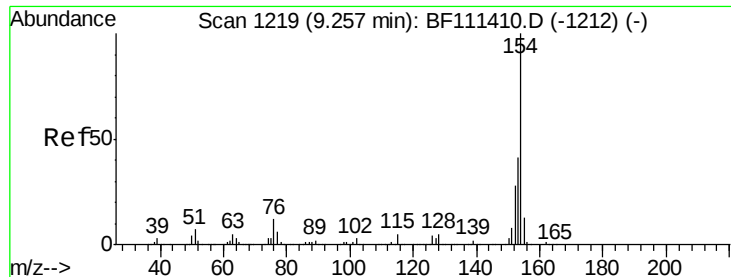
#45
 2-Fluorobiphenyl
 Concen: 12.156 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Tgt Ion:172 Resp: 280719
 Ion Ratio Lower Upper
 172 100
 171 34.4 33.0 49.4
 170 22.8 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

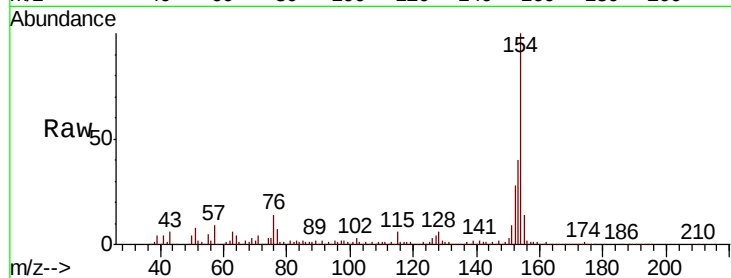




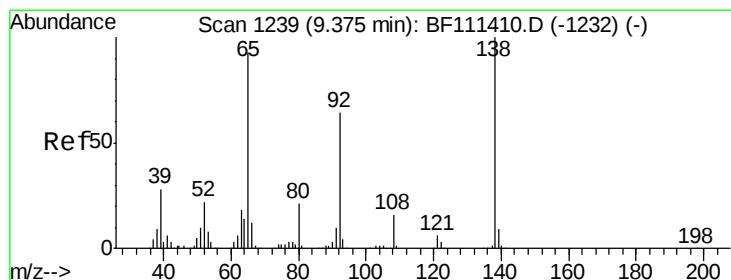
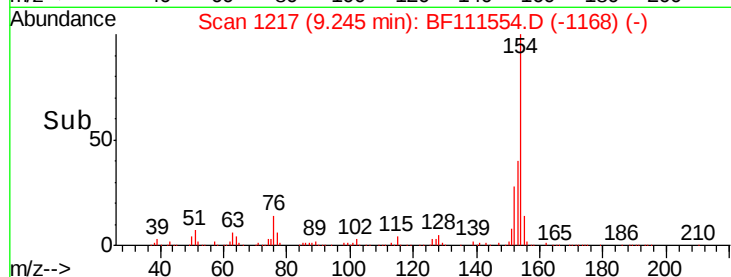
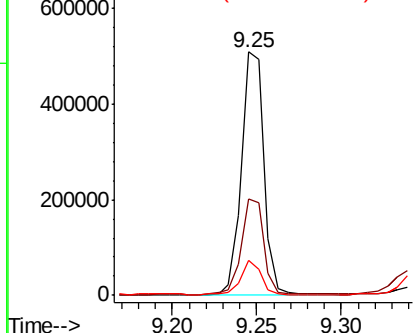
#46
 1,1'-Biphenyl
 Concen: 15.662 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Tgt Ion:154 Resp: 473369
 Ion Ratio Lower Upper
 154 100
 153 39.6 23.7 63.7
 76 14.2 0.0 35.0

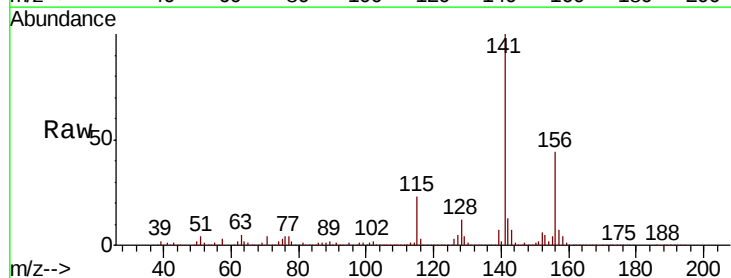


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

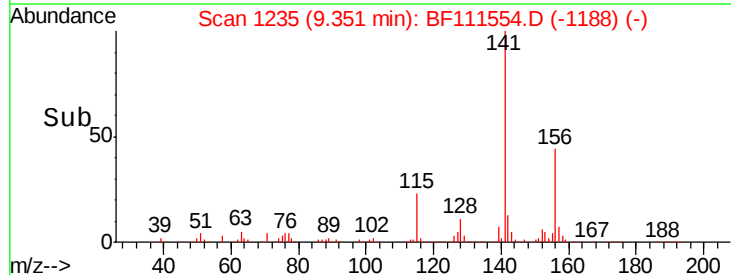
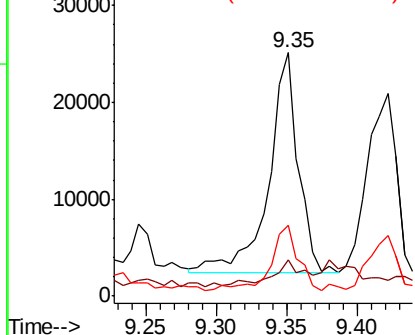


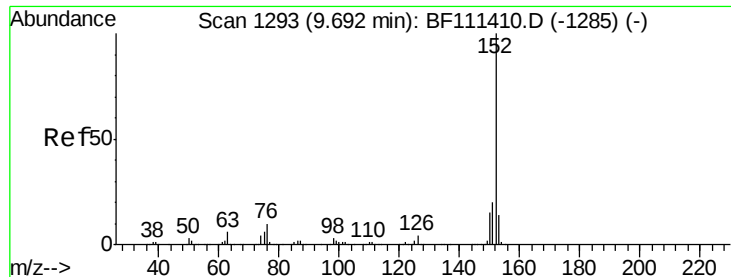
#48
 2-Nitroaniline
 Concen: 4.470 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.02 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Tgt Ion: 65 Resp: 33347
 Ion Ratio Lower Upper
 65 100
 92 14.9 53.5 80.3#
 138 28.8 80.9 121.3#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

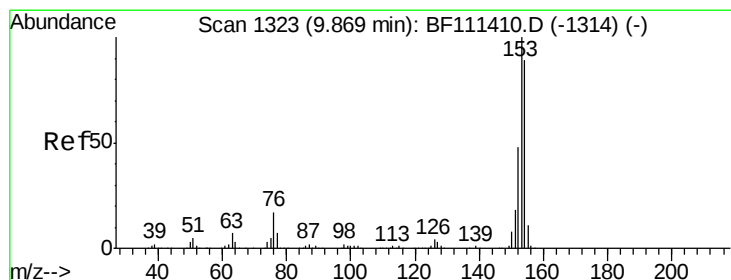
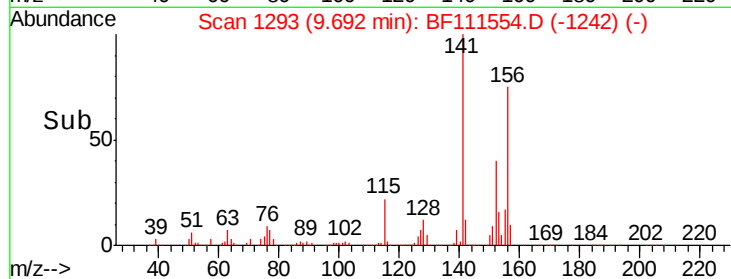
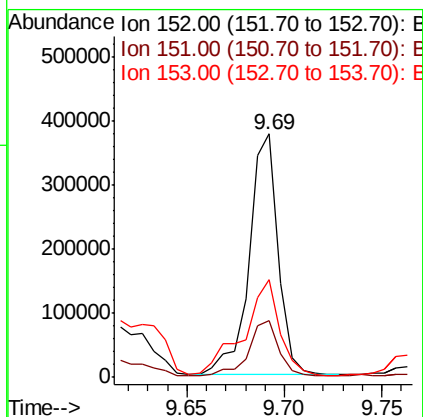
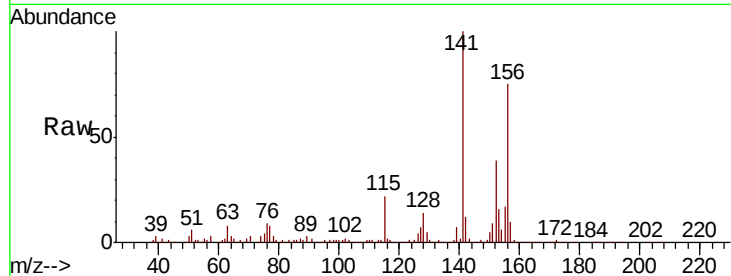




#49
Acenaphthylene
Concen: 11.351 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

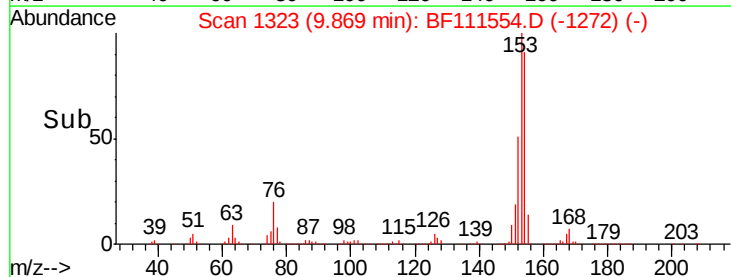
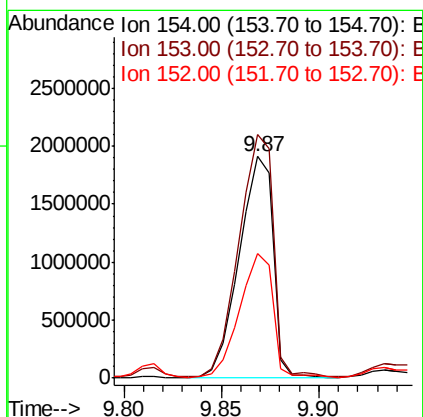
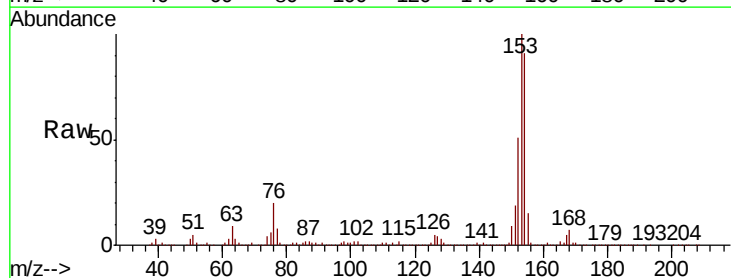
Instrument :
BNA_F
ClientSampleId :
TP-3-B

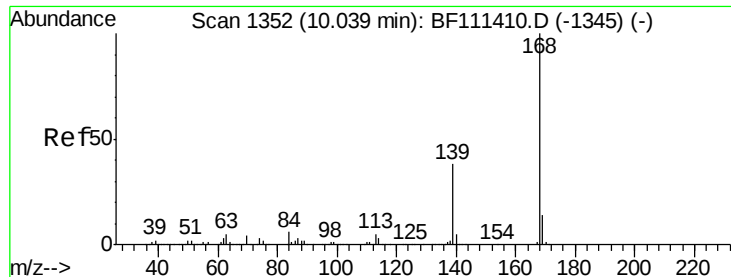
Tgt Ion:152 Resp: 387087
Ion Ratio Lower Upper
152 100
151 23.4 18.0 27.0
153 40.2 12.3 18.5#



#52
Acenaphthene
Concen: 105.975 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion:154 Resp: 2284203
Ion Ratio Lower Upper
154 100
153 109.9 87.8 131.8
152 56.1 43.4 65.2





#55

Dibenzofuran

Concen: 5.742 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

Instrument :

BNA_F

ClientSampled :

TP-3-B

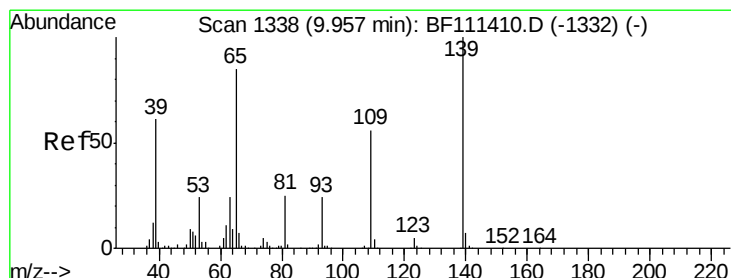
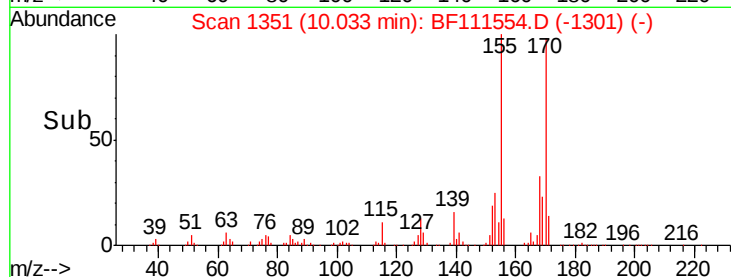
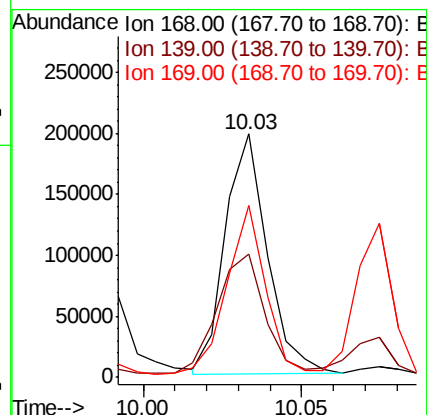
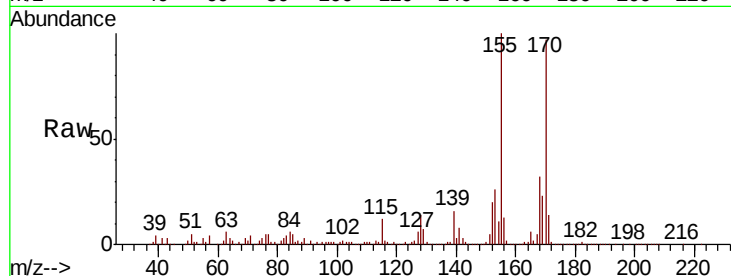
Tgt Ion:168 Resp: 179650

Ion Ratio Lower Upper

168 100

139 50.5 32.6 49.0#

169 70.8 11.8 17.6#



#56

4-Nitrophenol

Concen: 14.061 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

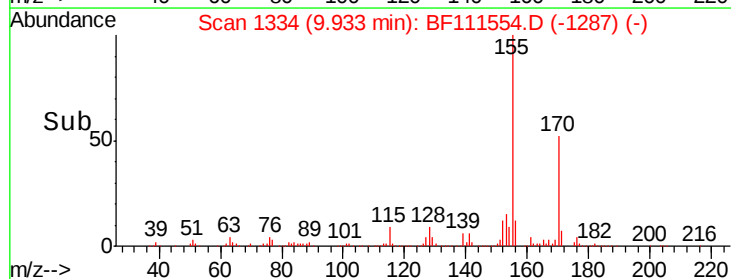
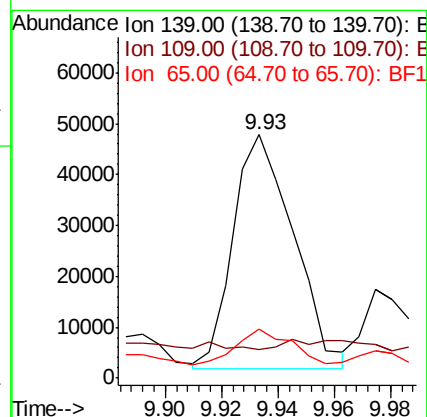
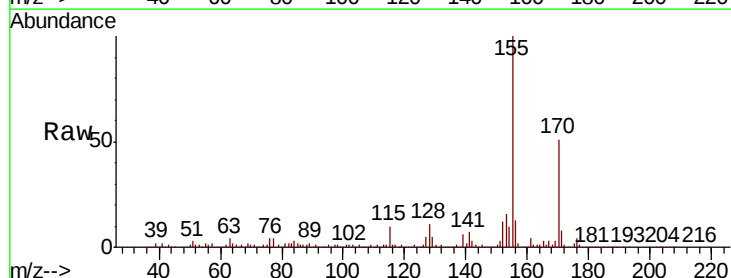
Tgt Ion:139 Resp: 68347

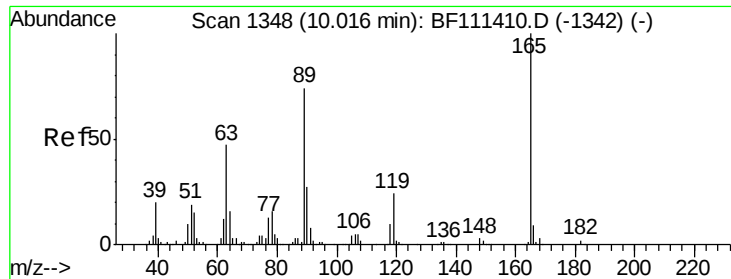
Ion Ratio Lower Upper

139 100

109 11.8 41.8 81.8#

65 20.1 79.6 119.6#





#57

2,4-Dinitrotoluene

Concen: 6.992 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.03 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

Instrument :

BNA_F

ClientSampleId :

TP-3-B

Tgt Ion:165 Resp: 53064

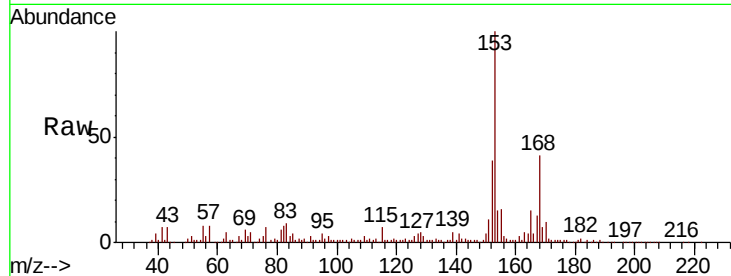
Ion Ratio Lower Upper

165 100

63 32.6 34.6 52.0#

89 13.3 56.2 84.4#

182 12.3 1.8 2.6#

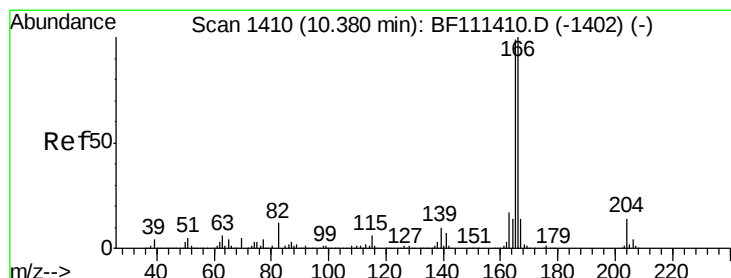
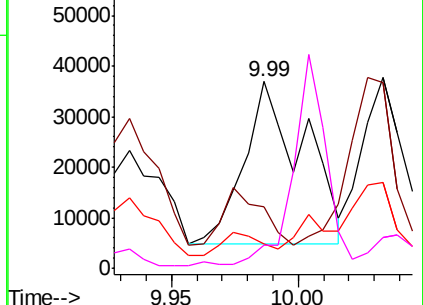
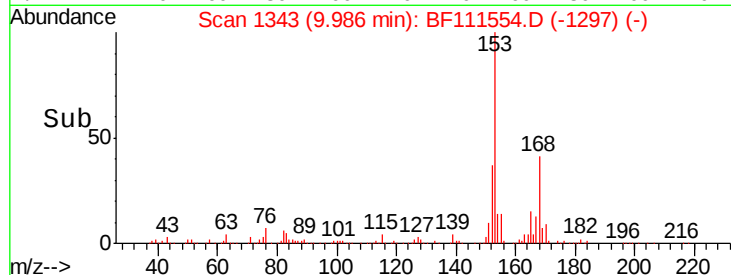


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 61.269 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

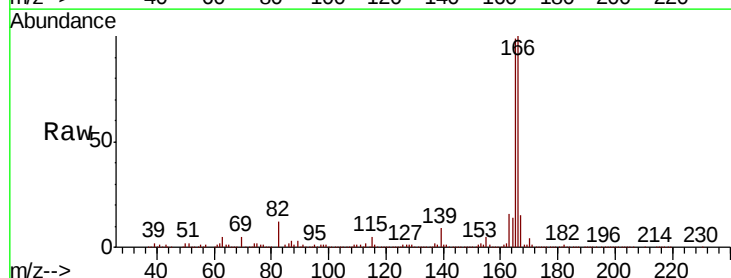
Tgt Ion:166 Resp: 1390377

Ion Ratio Lower Upper

166 100

165 99.1 78.4 117.6

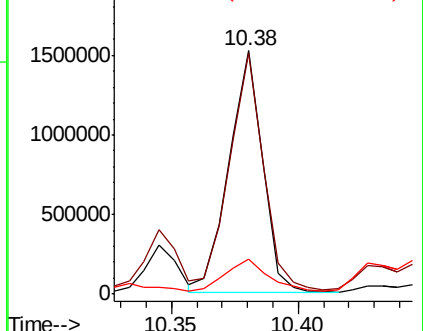
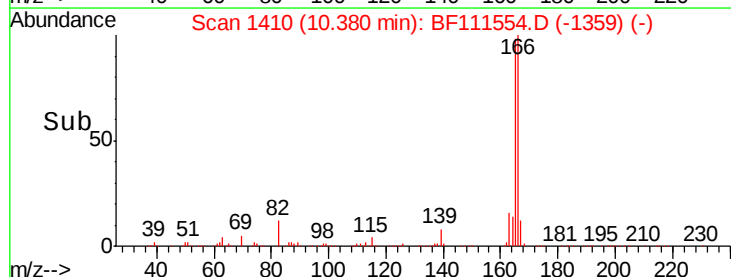
167 14.5 11.2 16.8

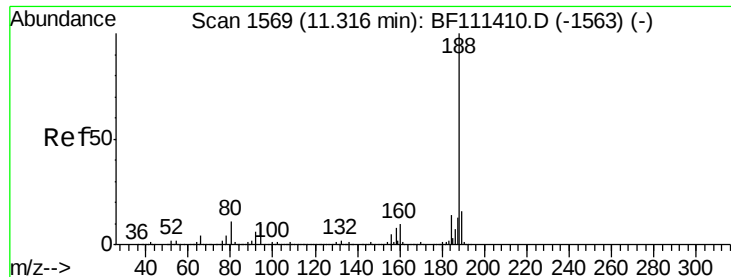


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

Instrument :

BNA_F

ClientSampleId :

TP-3-B

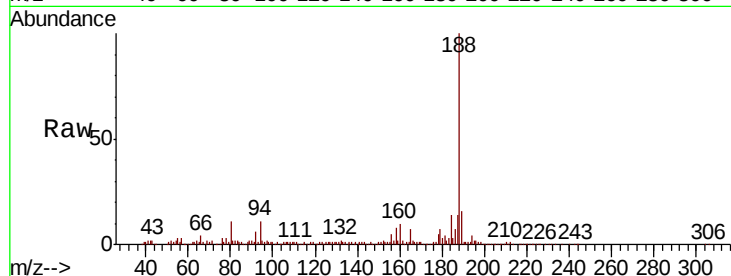
Tgt Ion:188 Resp: 504452

Ion Ratio Lower Upper

188 100

94 11.1 9.6 14.4

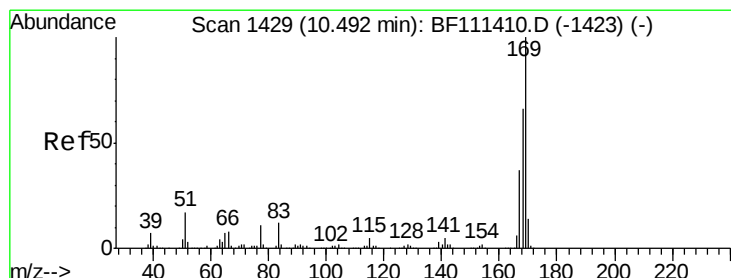
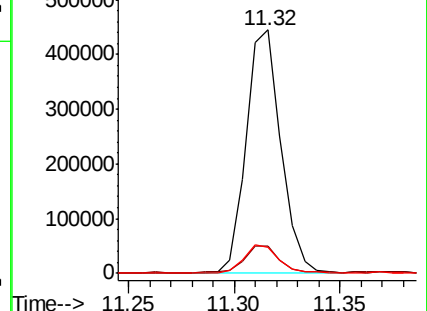
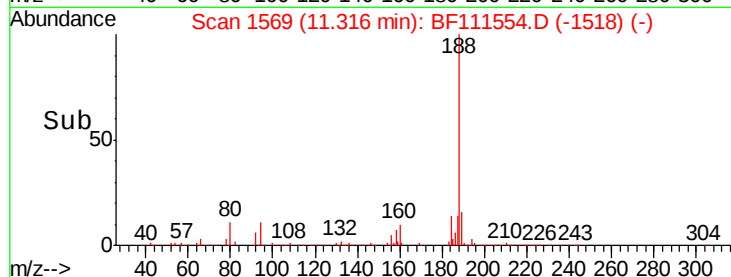
80 10.9 9.8 14.6



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



#66

n-Nitrosodiphenylamine

Concen: 8.472 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

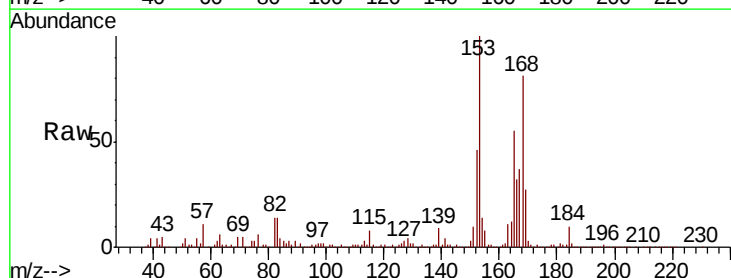
Tgt Ion:169 Resp: 147373

Ion Ratio Lower Upper

169 100

168 296.0 54.4 81.6#

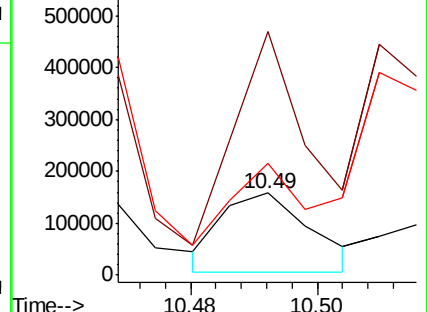
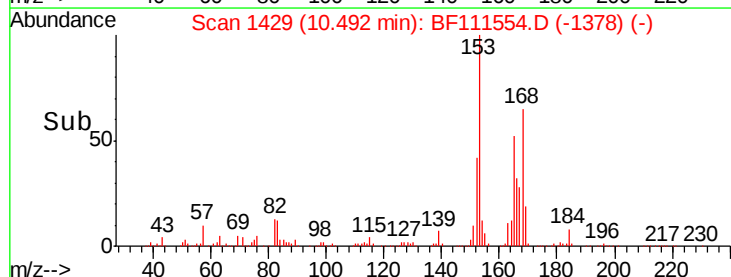
167 136.6 30.5 45.7#

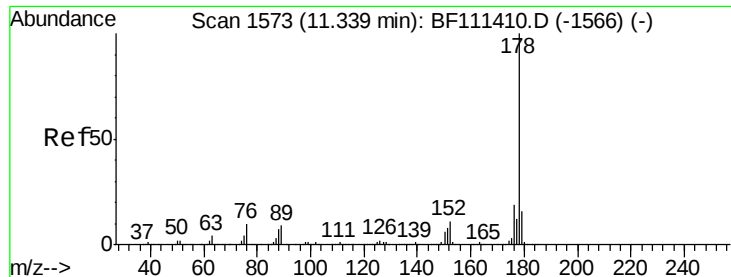


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

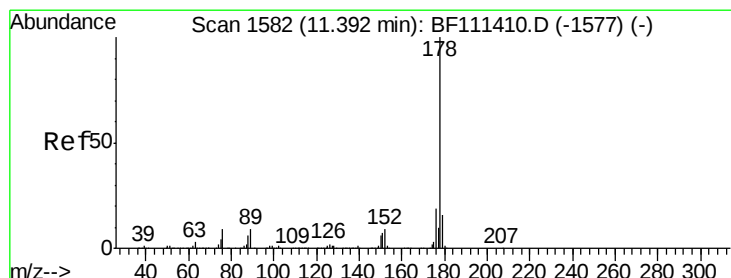
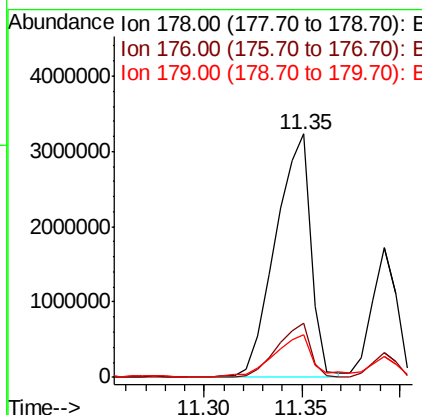
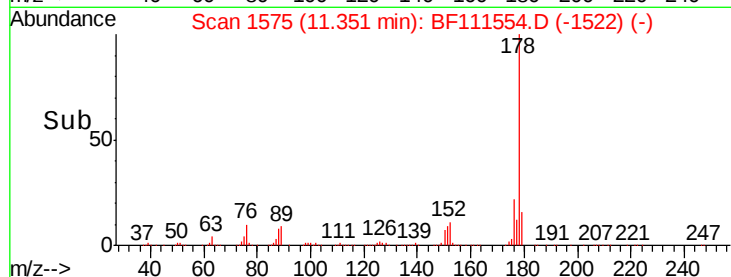
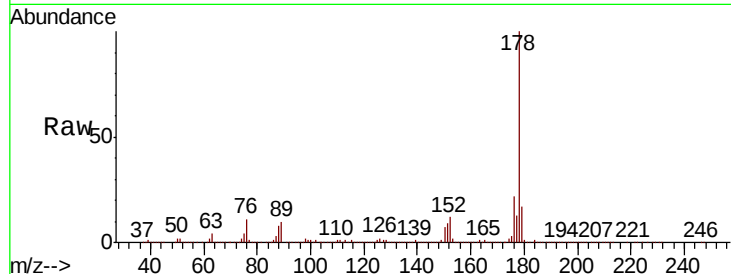




#71
Phenanthrene
Concen: 154.535 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

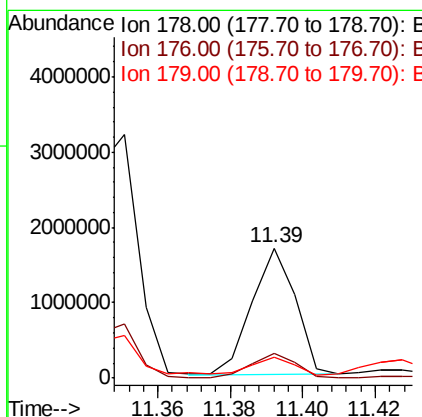
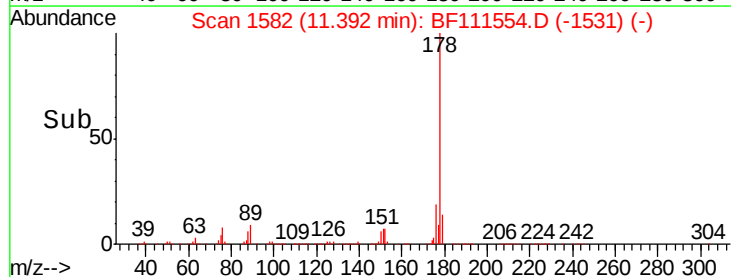
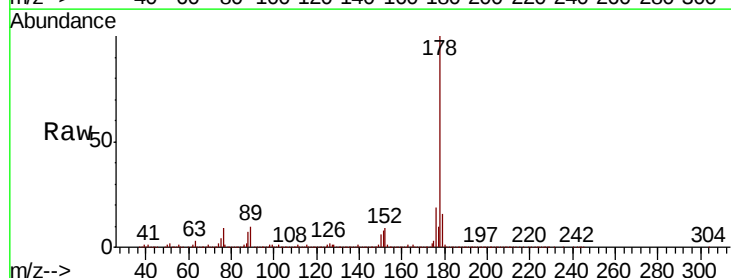
Instrument :
BNA_F
ClientSampleId :
TP-3-B

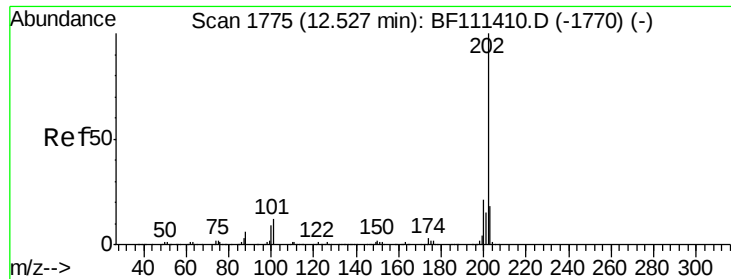
Tgt Ion:178 Resp: 4016908
Ion Ratio Lower Upper
178 100
176 22.0 18.1 27.1
179 17.3 14.0 21.0



#72
Anthracene
Concen: 53.646 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion:178 Resp: 1426080
Ion Ratio Lower Upper
178 100
176 19.0 17.2 25.8
179 16.2 13.8 20.8





#75

Fluoranthene

Concen: 51.058 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

Instrument :

BNA_F

ClientSampleId :

TP-3-B

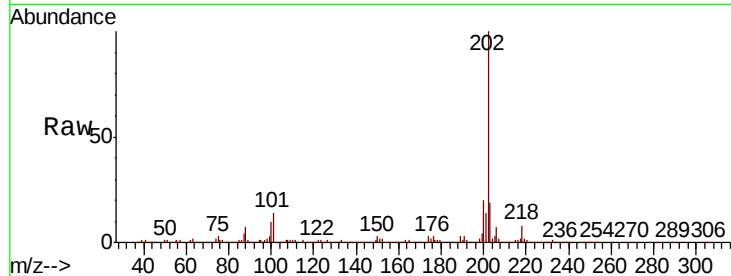
Tgt Ion:202 Resp: 1298361

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.8

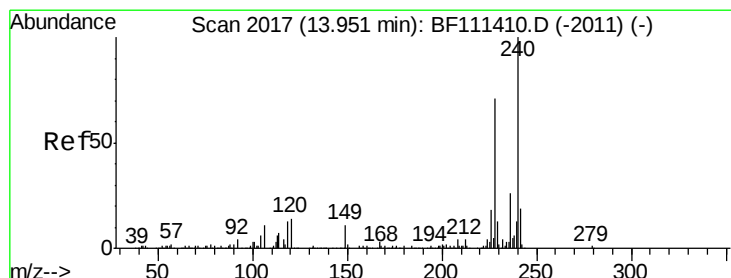
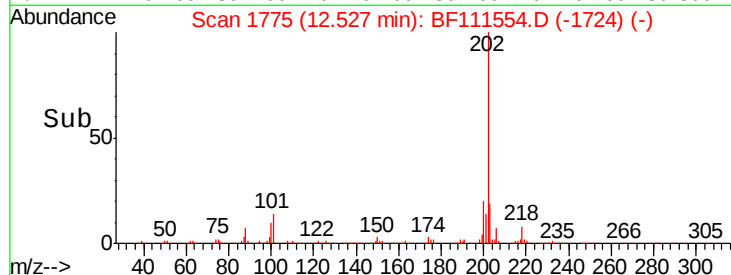
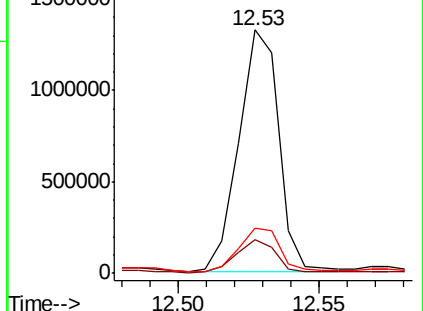
203 18.7 0.0 38.6



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: 13.95 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

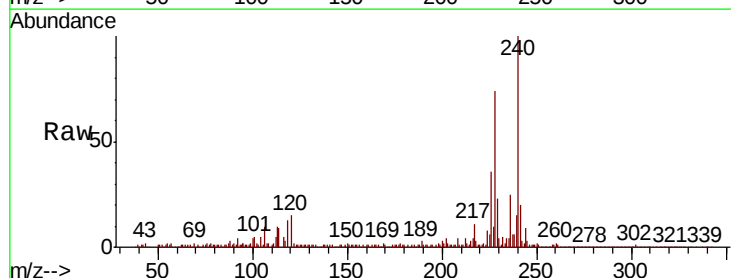
Tgt Ion:240 Resp: 375311

Ion Ratio Lower Upper

240 100

120 15.2 12.2 18.2

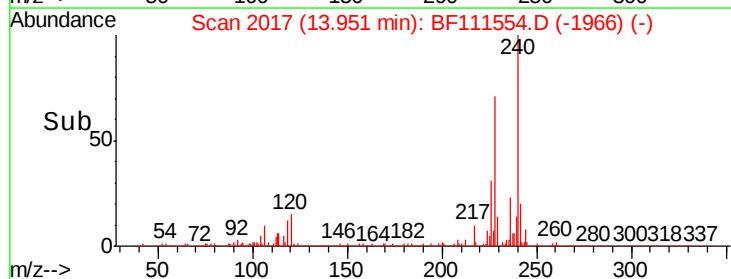
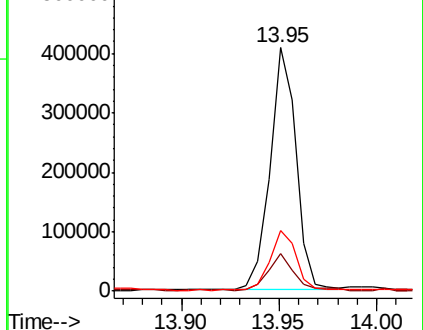
236 24.8 20.2 30.2

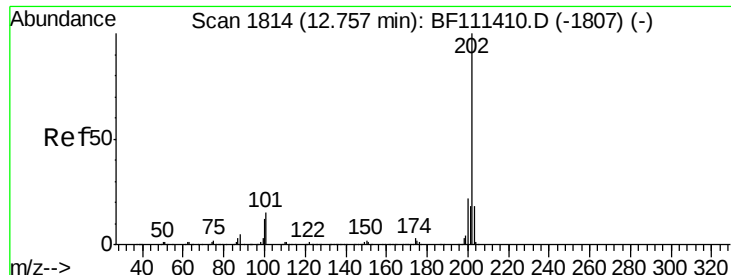


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

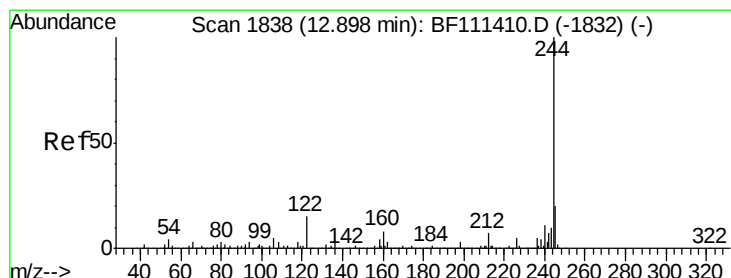
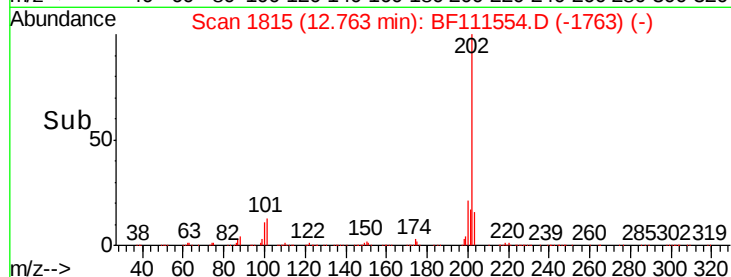
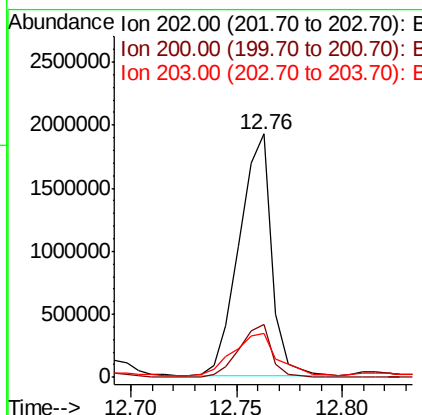
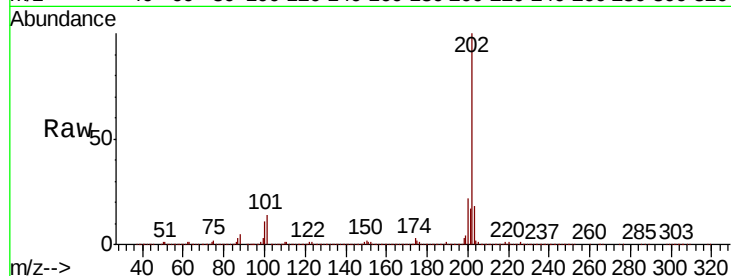




#78
 Pyrene
 Concen: 77.033 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

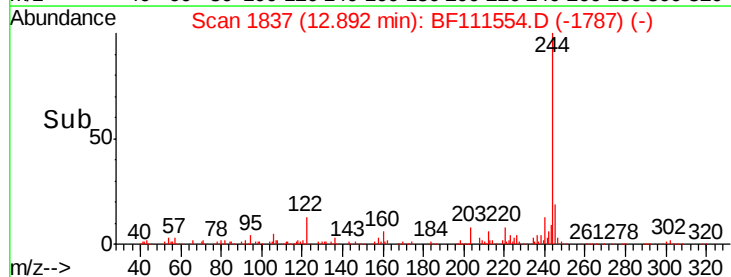
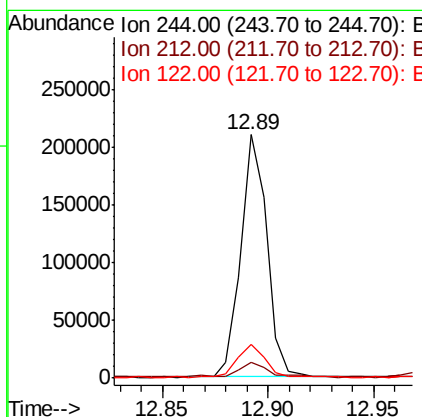
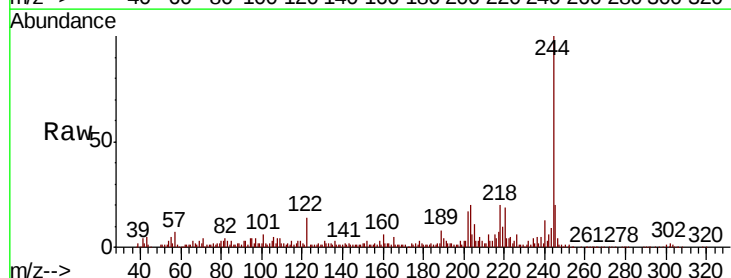
Instrument :
 BNA_F
 ClientSampled :
 TP-3-B

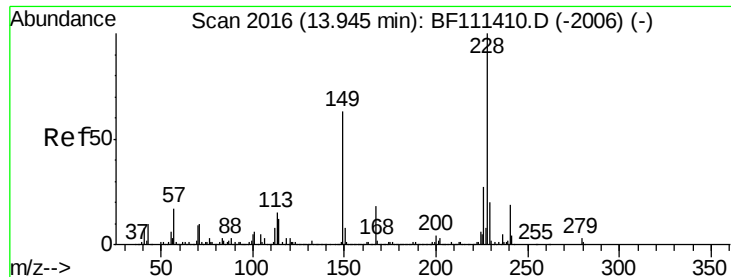
Tgt Ion: 202 Resp: 2038358
 Ion Ratio Lower Upper
 202 100
 200 21.5 19.0 28.4
 203 18.3 15.2 22.8



#79
 Terphenyl-d14
 Concen: 11.211 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Tgt Ion: 244 Resp: 179189
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.7 8.5
 122 13.9 13.1 19.7

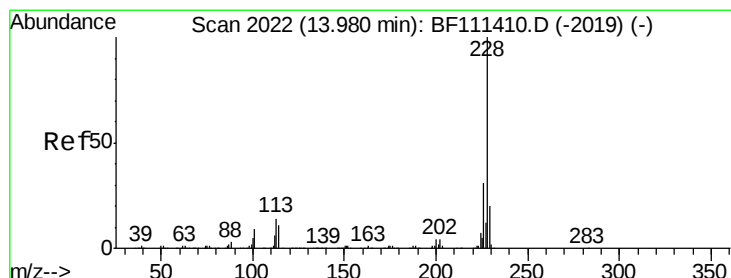
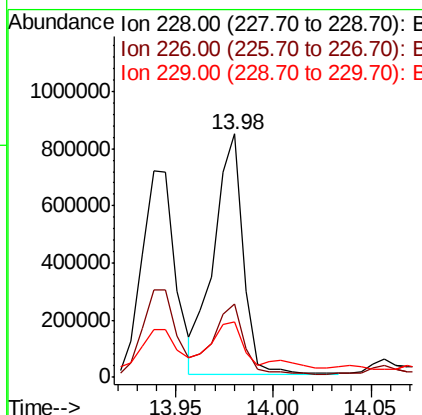
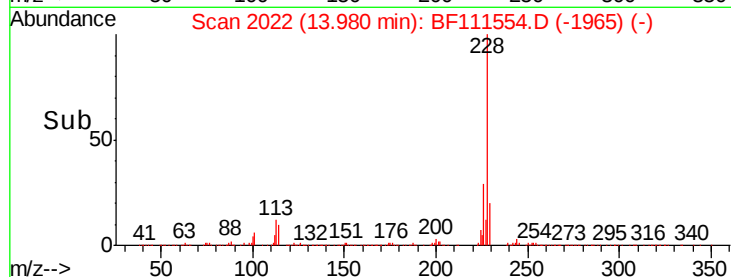
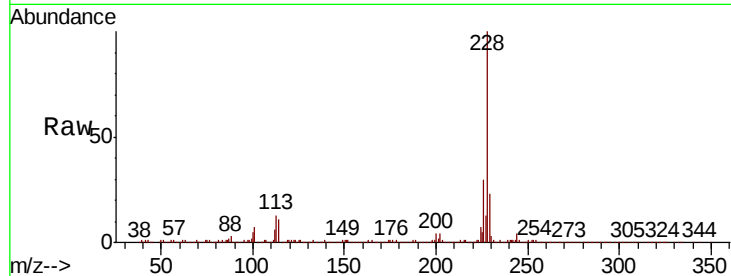




#81
Benzo(a)anthracene
Concen: 43.543 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.04 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

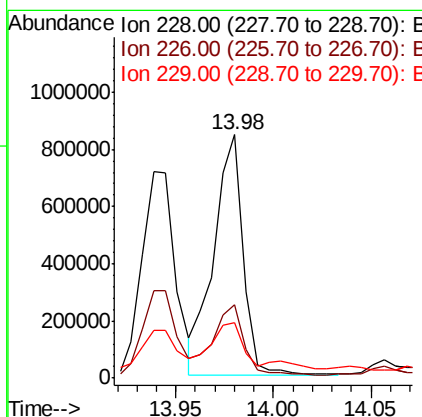
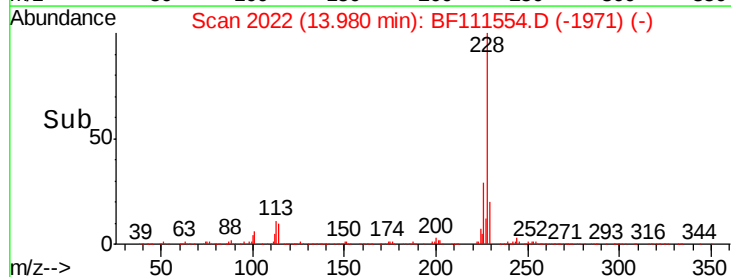
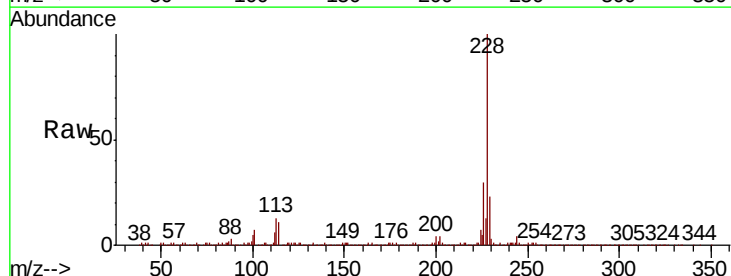
Instrument :
BNA_F
ClientSampleId :
TP-3-B

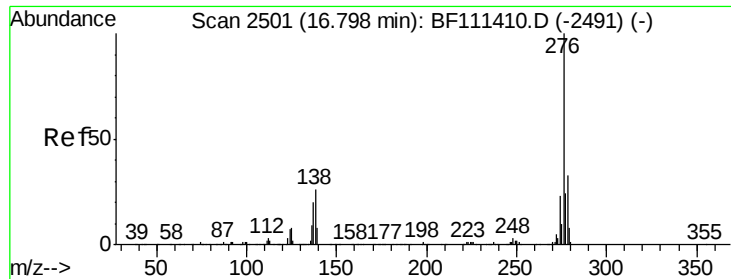
Tgt Ion:228 Resp: 888583
Ion Ratio Lower Upper
228 100
226 30.4 22.6 34.0
229 22.8 16.3 24.5



#83
Chrysene
Concen: 41.334 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion:228 Resp: 888583
Ion Ratio Lower Upper
228 100
226 30.4 25.3 37.9
229 22.8 17.2 25.8

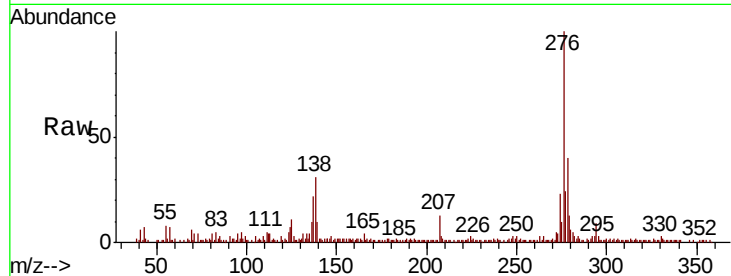




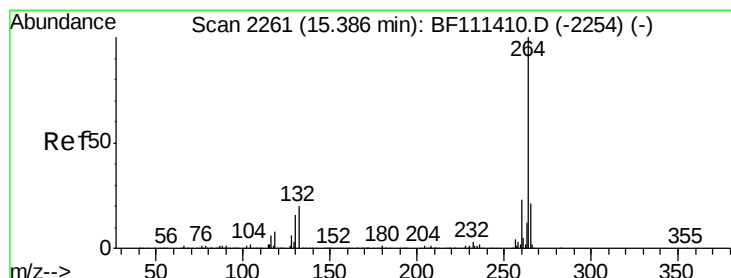
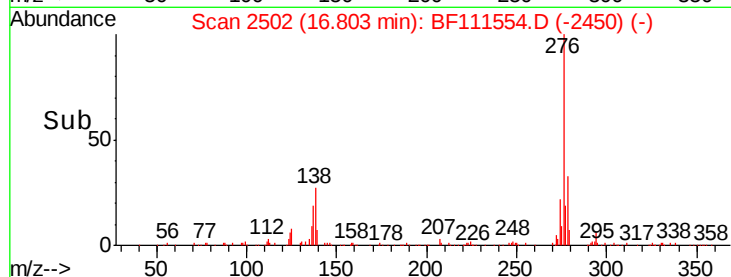
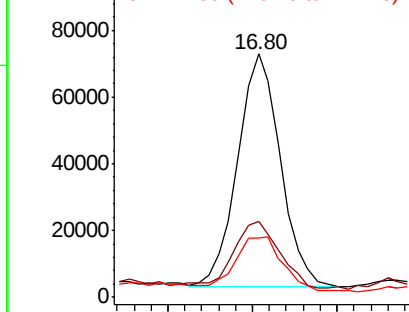
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 7.962 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-B

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	27.8	41.6
277	27.1	20.1	30.1

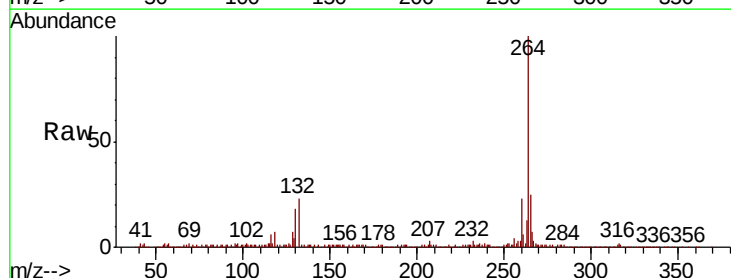


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

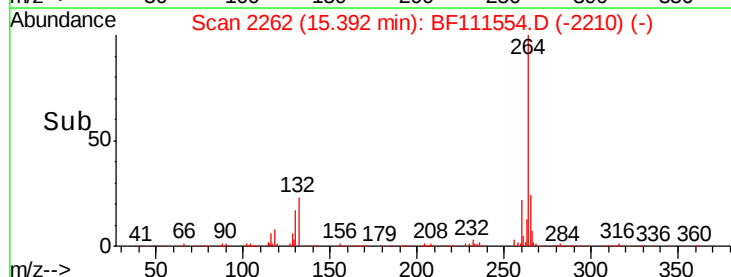
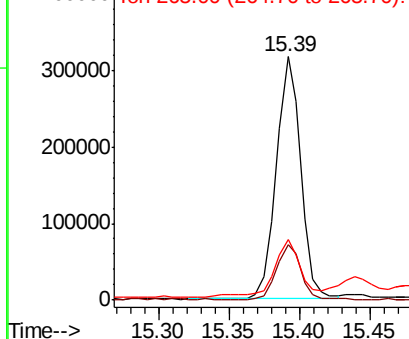


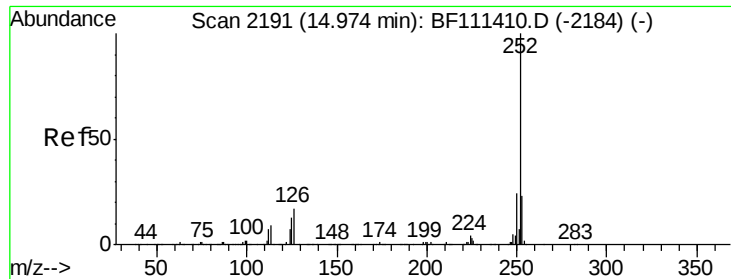
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111554.D
 Acq: 17 Dec 2018 22:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	24.8	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

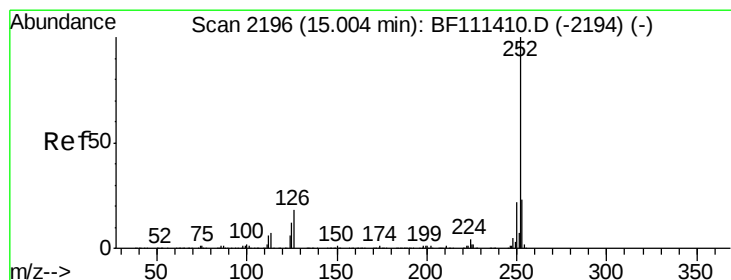
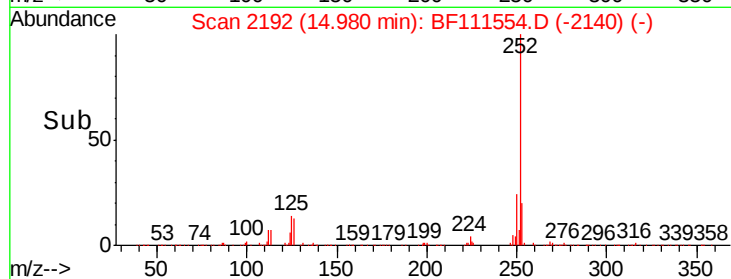
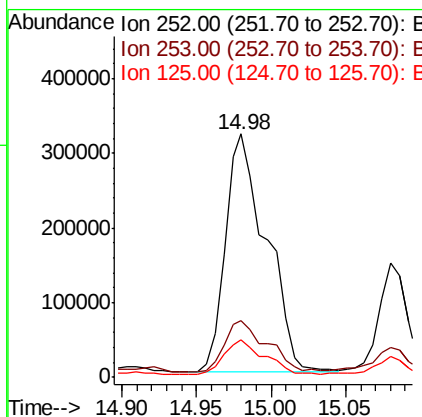
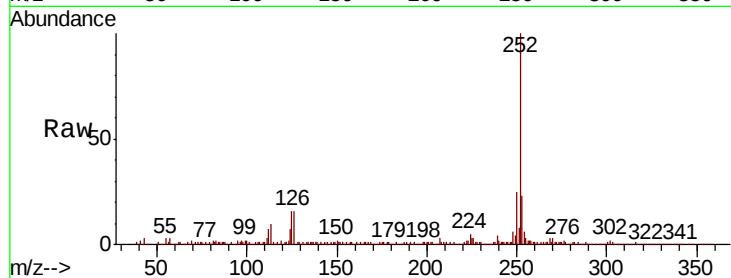




#88
Benzo(b)fluoranthene
Concen: 27.292 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

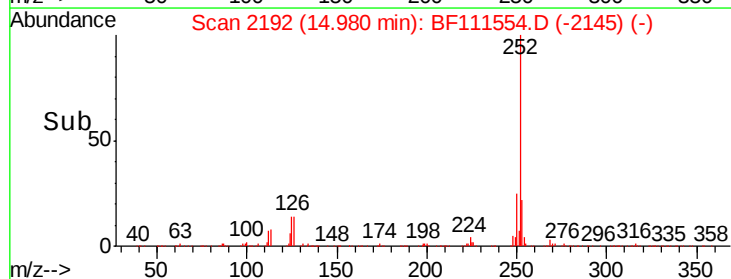
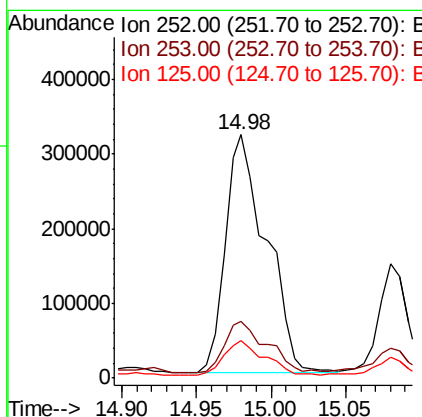
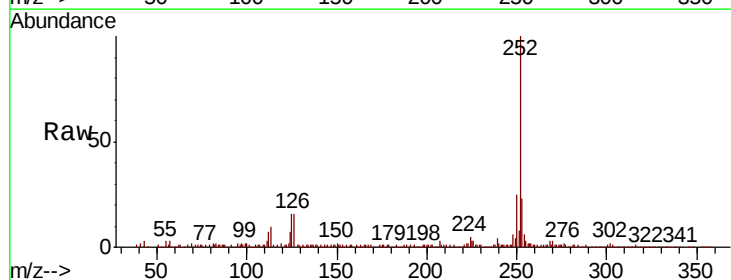
Instrument :
BNA_F
ClientSampleId :
TP-3-B

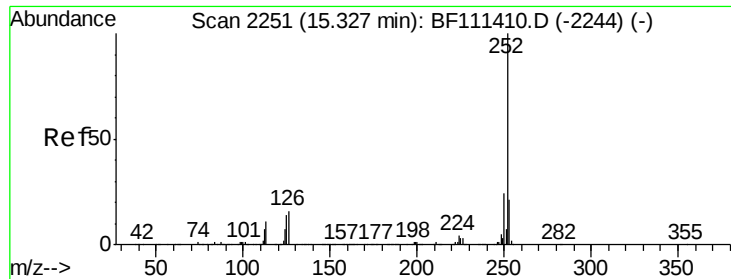
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	15.6	10.4	15.6#



#89
Benzo(k)fluoranthene
Concen: 28.563 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	15.6	9.8	14.8#

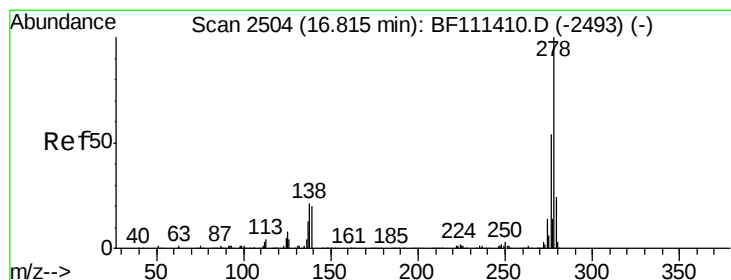
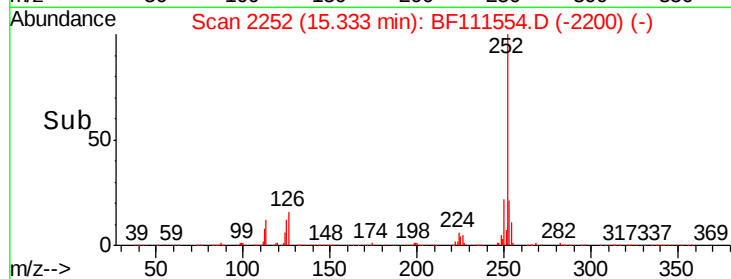
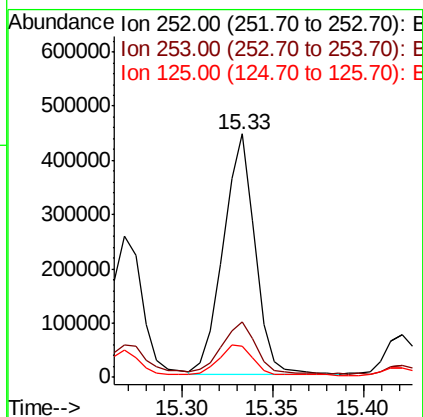
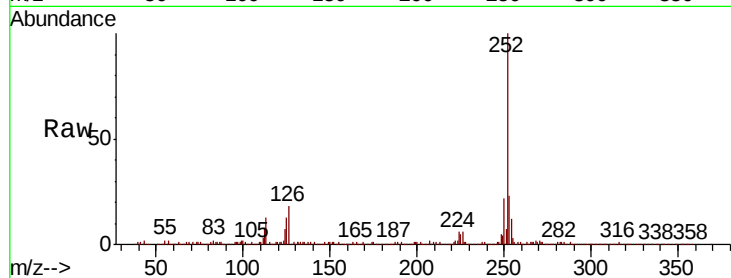




#90
Benzo(a)pyrene
Concen: 26.643 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

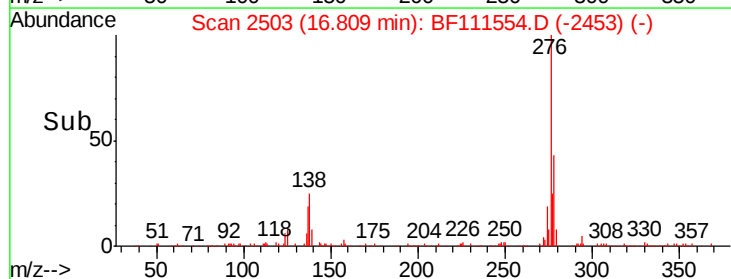
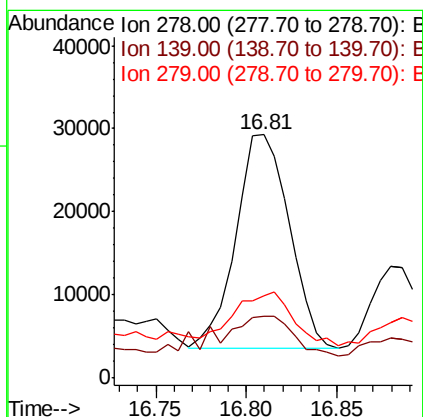
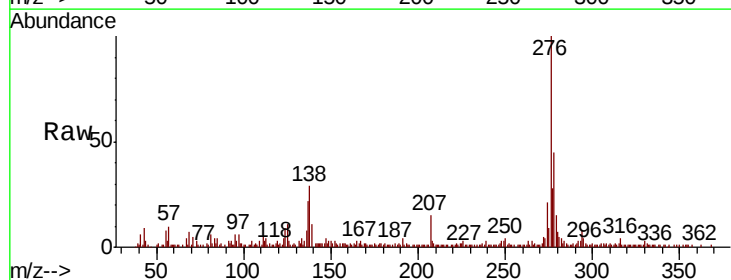
Instrument :
BNA_F
ClientSampleId :
TP-3-B

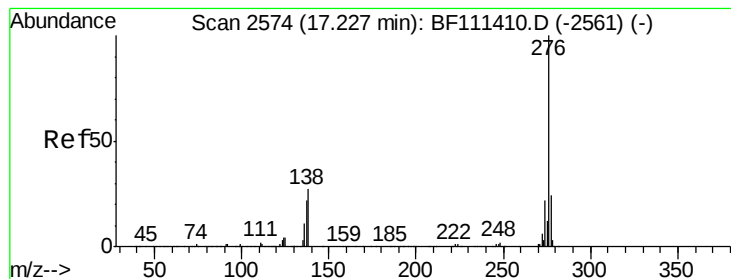
Tgt Ion: 252 Resp: 536708
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 12.9 12.3 18.5



#91
Dibenzo(a,h)anthracene
Concen: 3.288 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111554.D
Acq: 17 Dec 2018 22:17

Tgt Ion: 278 Resp: 52244
Ion Ratio Lower Upper
278 100
139 25.5 18.2 27.4
279 34.0 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 7.876 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF111554.D

Acq: 17 Dec 2018 22:17

Instrument :

BNA_F

ClientSampleId :

TP-3-B

Tgt Ion: 276 Resp: 122847

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 29.4 24.9 37.3

