

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096850.D
 Acq On : 18 Jul 2017 16:18
 Operator : SJ/JU
 Sample : I4248-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP-(0-8)

Quant Time: Jul 19 01:10:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	120974	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	454322	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	190416	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	268088	20.00	ng	0.00
75) Chrysene-d12	13.73	240	164128	20.00	ng	0.00
86) Perylene-d12	15.10	264	175624	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	733061	91.11	ng	0.00
7) Phenol-d6	6.25	99	896331	92.84	ng	0.00
23) Nitrobenzene-d5	7.16	82	490587	66.89	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	152724	93.96	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	884605	73.40	ng	0.00
78) Terphenyl-d14	12.69	244	468678	49.52	ng	0.00

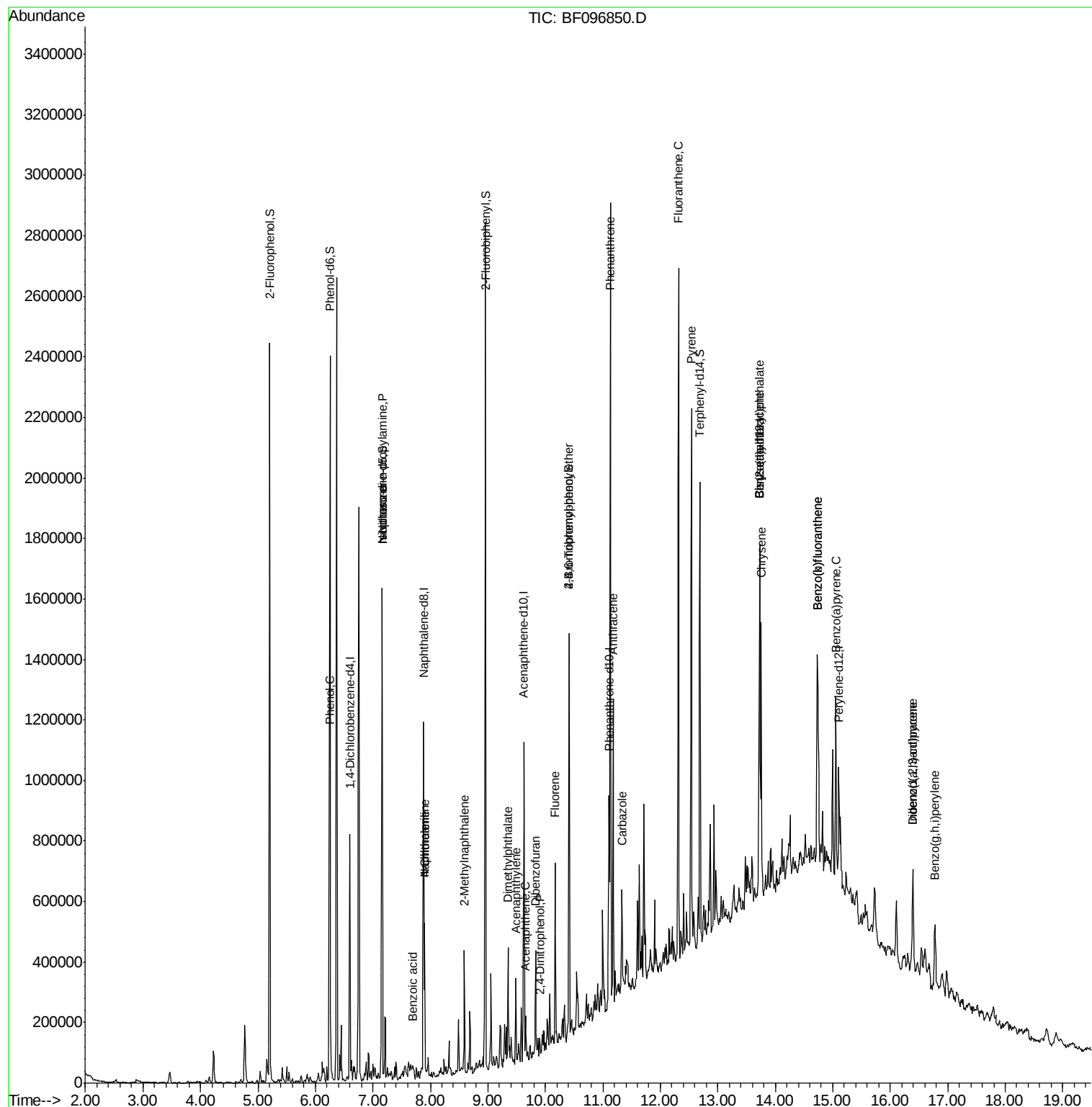
Target Compounds				Qvalue		
10) Phenol	6.26	94	41673	3.82	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	67249	11.56	ng	# 87
25) Isophorone	7.16	82	481970	35.32	ng	# 67
31) Naphthalene	7.90	128	199026	9.25	ng	99
32) Benzoic acid	7.69	122	9329	2.10	ng	# 13
33) 4-Chloroaniline	7.90	127	26495	3.11	ng	# 37
37) 2-Methylnaphthalene	8.59	142	103124	7.52	ng	98
48) Acenaphthylene	9.49	152	100284	5.23	ng	99
49) Dimethylphthalate	9.35	163	129343	9.02	ng	99
51) Acenaphthene	9.66	154	25467	2.25	ng	98
53) 2,4-Dinitrophenol	9.91	184	755	7.19	ng	# 25
54) Dibenzofuran	9.83	168	112432	7.09	ng	99
57) Fluorene	10.17	166	146279	12.48	ng	100
60) 4-Chlorophenyl-phenylether	10.17	204	128	Below	Cal	# 1
66) 4-Bromophenyl-phenylether	10.42	248	10023	3.66	ng	# 1
70) Phenanthrene	11.13	178	1060586	72.76	ng	100
71) Anthracene	11.18	178	374697	25.42	ng	98
72) Carbazole	11.33	167	125181	8.77	ng	98
74) Fluoranthene	12.32	202	1090498	78.16	ng	98
77) Pvrene	12.54	202	838620	56.30	ng	99
80) Benzo(a)anthracene	13.72	228	389219	38.06	ng	95
82) Chrysene	13.76	228	344599	34.23	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	40756	4.73	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.39	276	179686	21.40	ng	95
87) Benzo(b)fluoranthene	14.73	252	524258	49.50	ng	# 96
88) Benzo(k)fluoranthene	14.73	252	524258	52.27	ng	99
89) Benzo(a)pyrene	15.05	252	268230	27.61	ng	# 94
90) Dibenzo(a,h)anthracene	16.40	278	48906	5.47	ng	# 82
91) Benzo(g,h,i)perylene	16.78	276	152152	15.89	ng	97

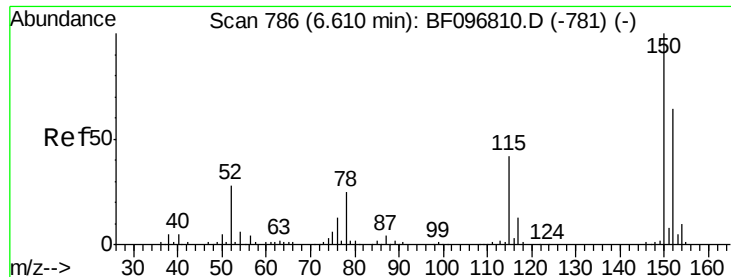
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096850.D
Acq On : 18 Jul 2017 16:18
Operator : SJ/JU
Sample : I4248-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

Quant Time: Jul 19 01:10:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



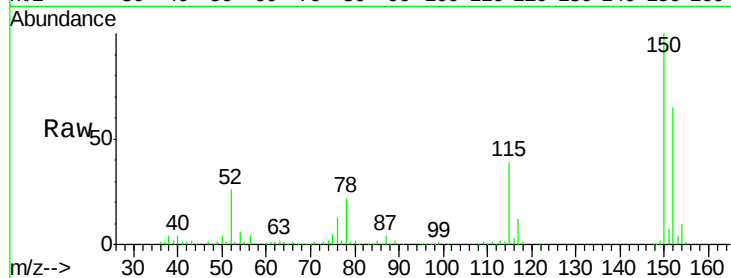


#1

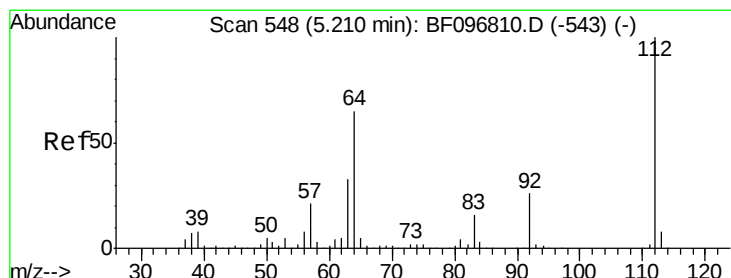
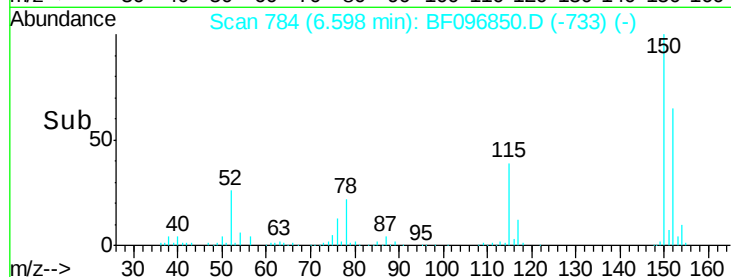
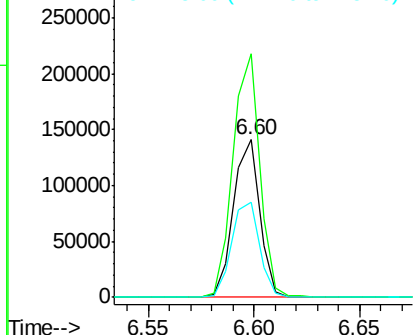
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

Tot Ion:152 Resp: 120974
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 60.8 52.2 78.2



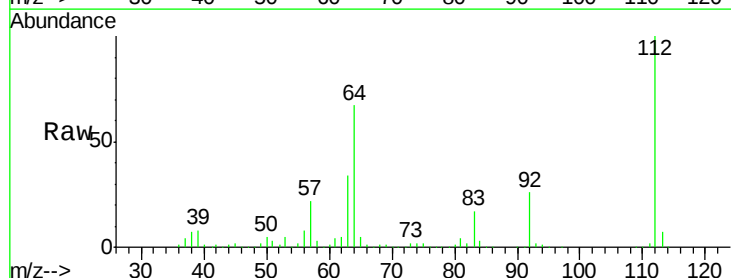
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



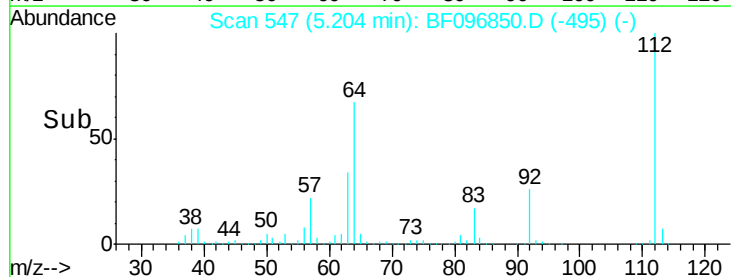
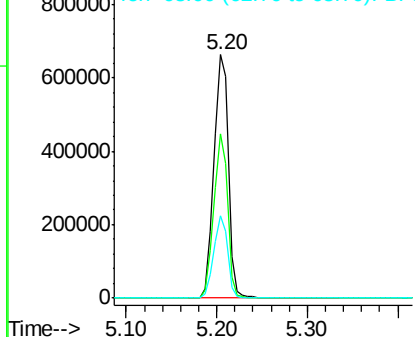
#5

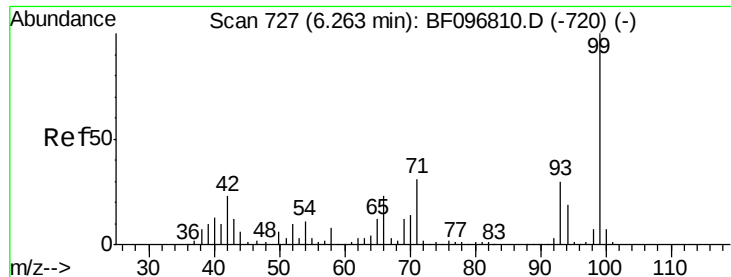
2-Fluorophenol
Concen: 91.11 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:112 Resp: 733061
Ion Ratio Lower Upper
112 100
64 67.3 46.0 69.0
63 33.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.84 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

TP-3-COMP-(0-8)

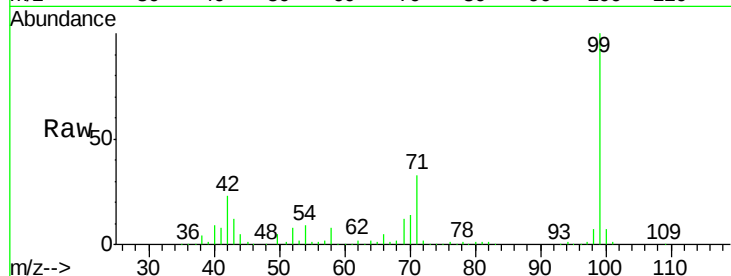
Tot Ion: 99 Resp: 896331

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

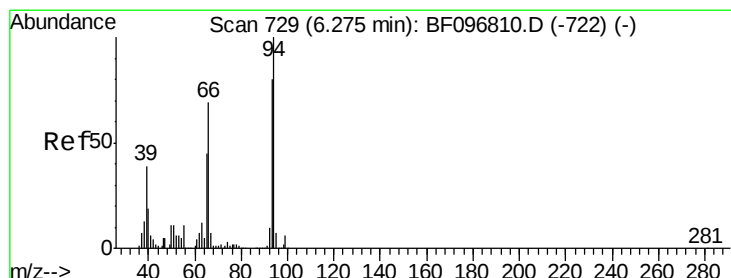
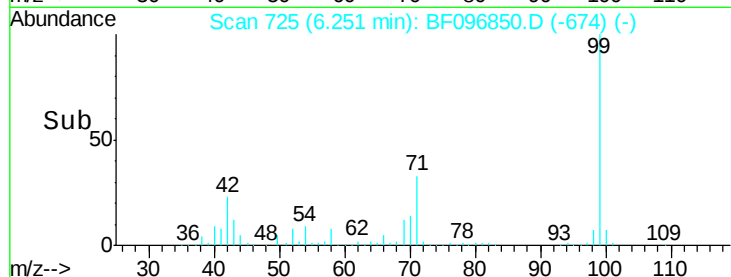
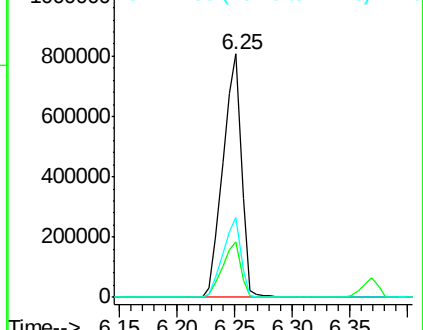
71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.82 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

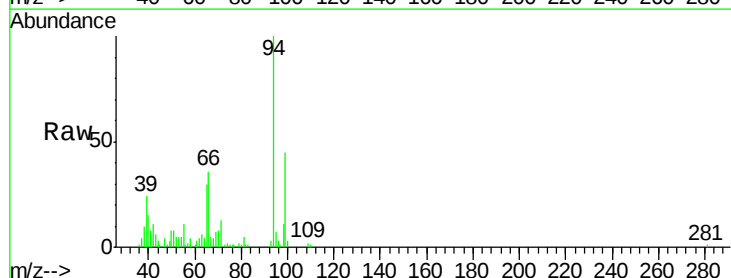
Tgt Ion: 94 Resp: 41673

Ion Ratio Lower Upper

94 100

65 29.7 9.9 49.9

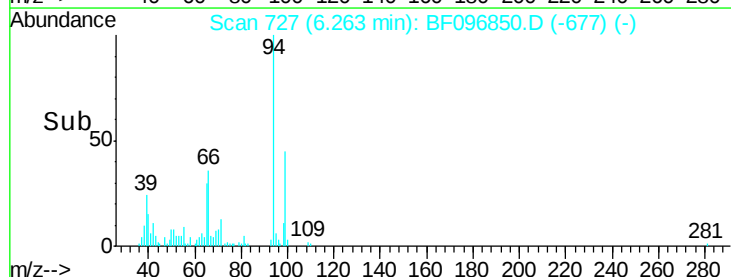
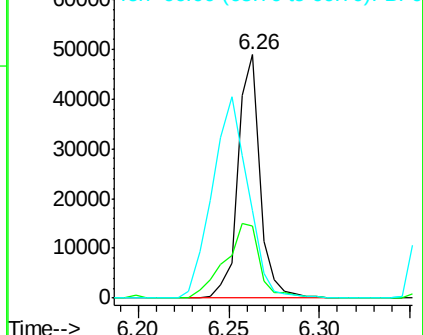
66 35.7 23.1 63.1

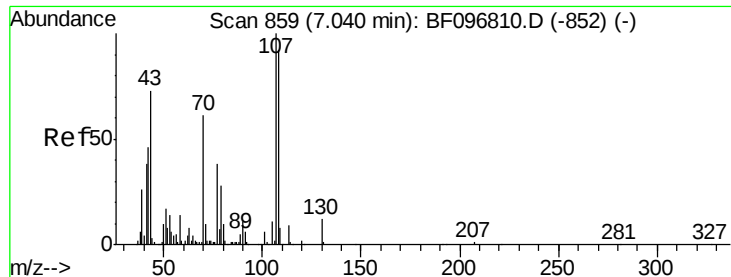


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

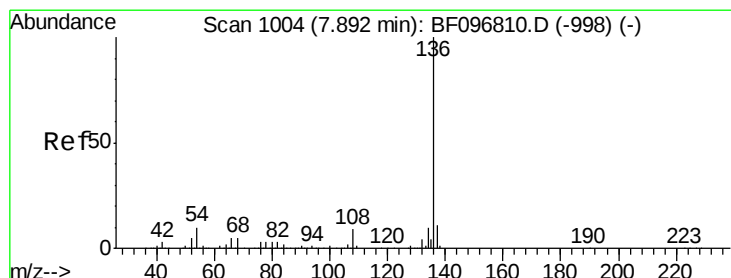
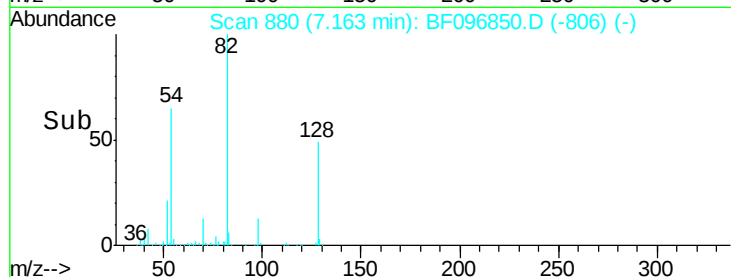
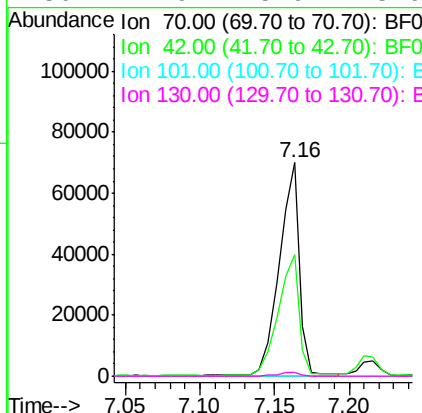
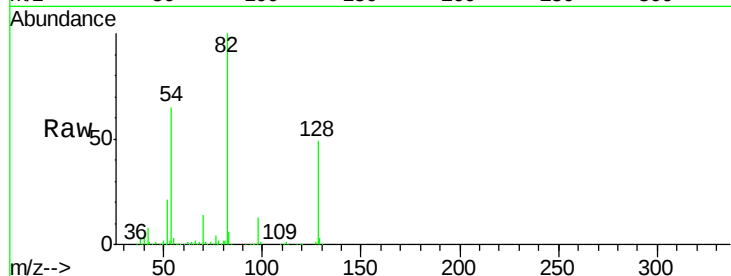




#19
n-Nitroso-di-n-propylamine
Concen: 11.56 ng
RT: 7.16 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

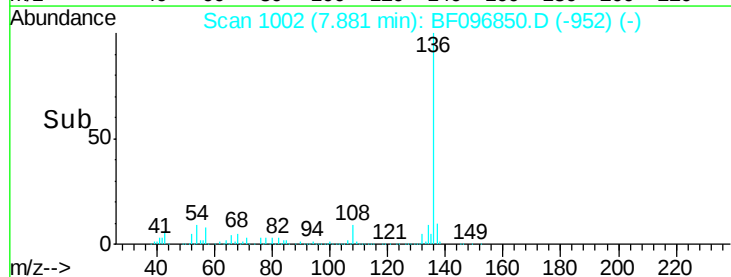
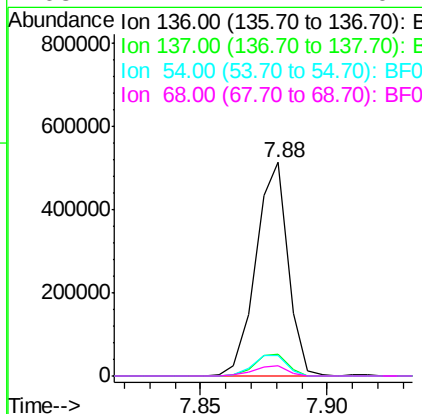
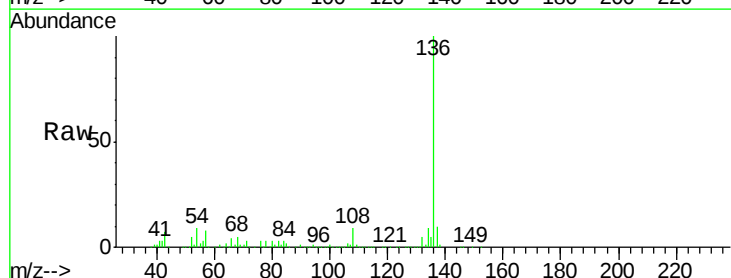
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

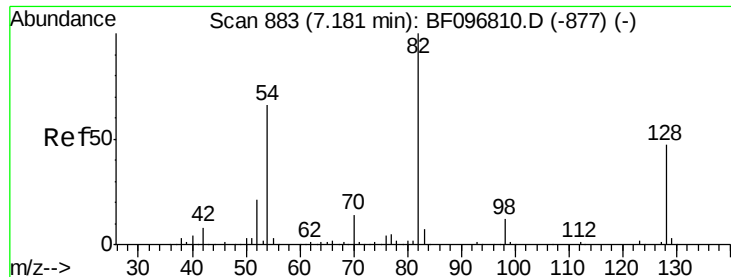
Tot Ion: 70 Resp: 67249
Ion Ratio Lower Upper
70 100
42 57.2 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:136 Resp: 454322
Ion Ratio Lower Upper
136 100
137 10.3 8.5 12.7
54 9.4 4.9 7.3#
68 4.7 4.1 6.1

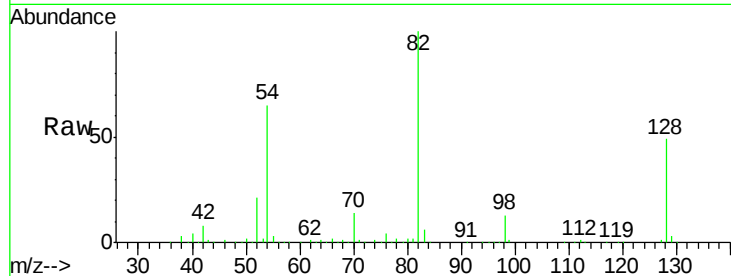




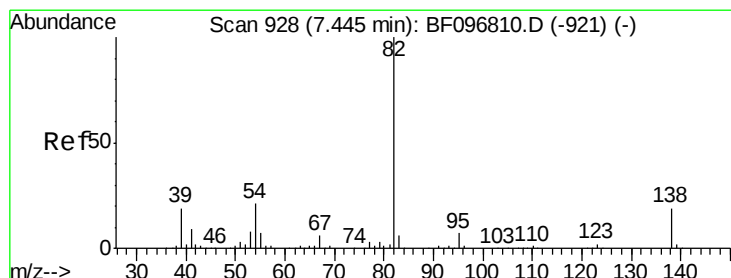
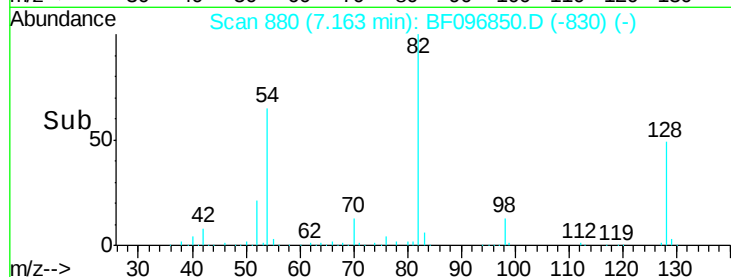
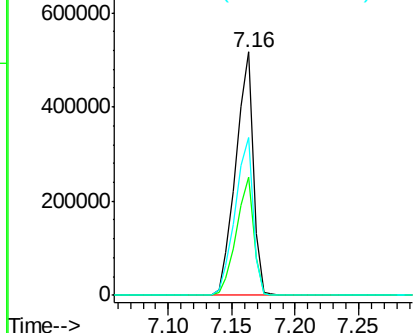
#23
 Nitrobenzene-d5
 Concen: 66.89 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096850.D
 Acq: 18 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP-(0-8)

Tot Ion: 82 Resp: 490587
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 64.7 42.2 63.2#

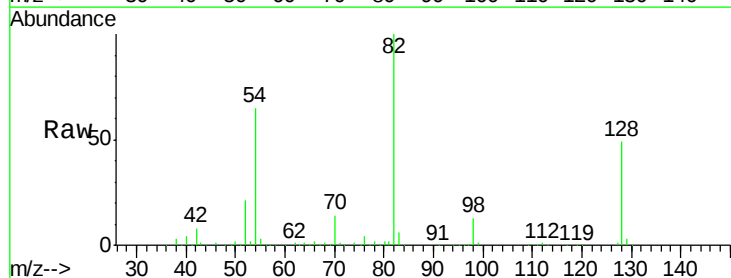


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

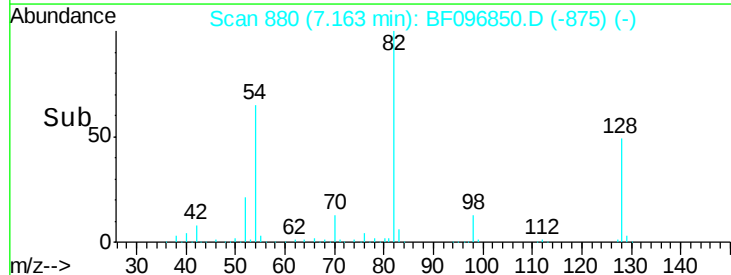
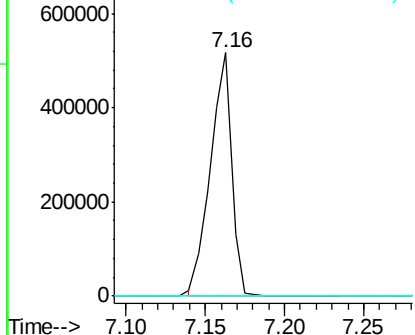


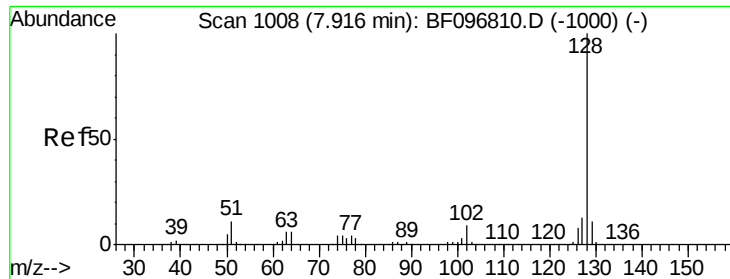
#25
 Isophorone
 Concen: 35.32 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.27 min
 Lab File: BF096850.D
 Acq: 18 Jul 2017 16:18

Tgt Ion: 82 Resp: 481970
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

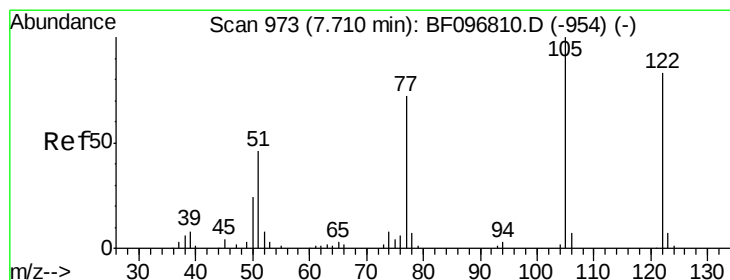
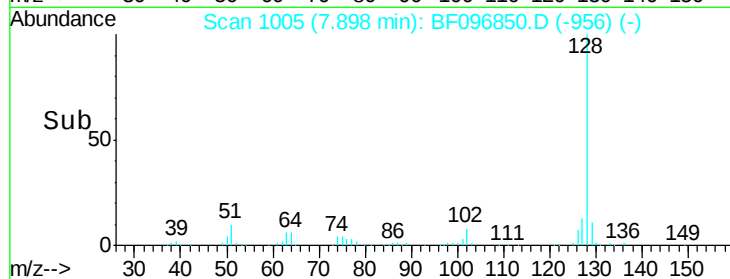
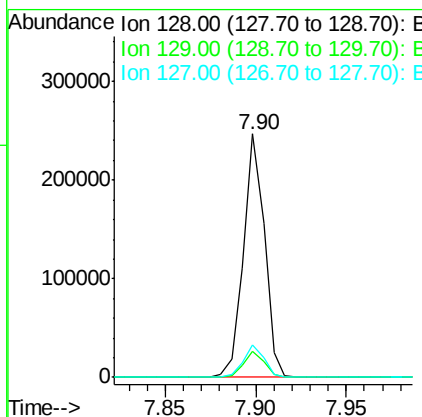
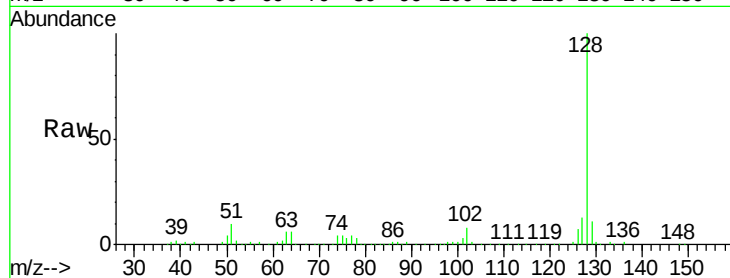




#31
Naphthalene
Concen: 9.25 ng
RT: 7.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

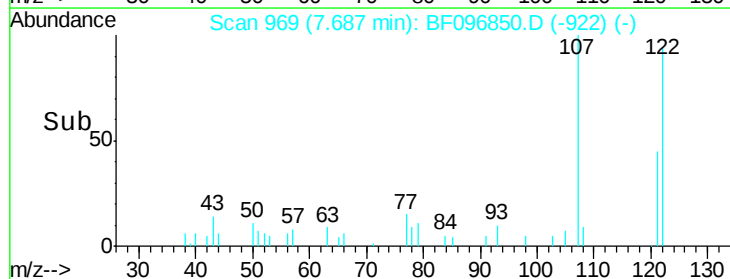
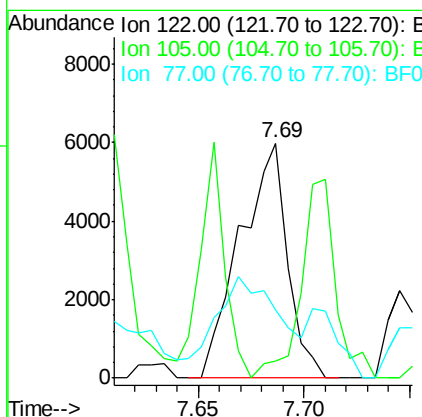
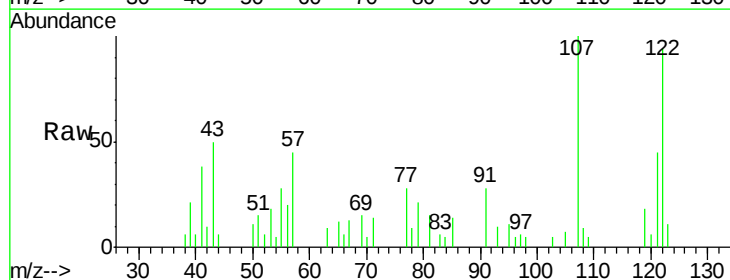
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

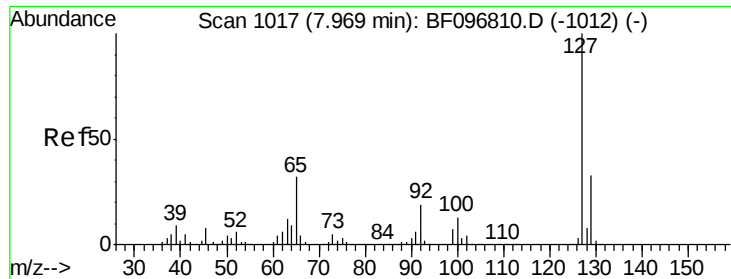
Tot Ion:128 Resp: 199026
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 2.10 ng
RT: 7.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:122 Resp: 9329
Ion Ratio Lower Upper
122 100
105 7.2 103.3 143.3#
77 29.3 73.7 113.7#

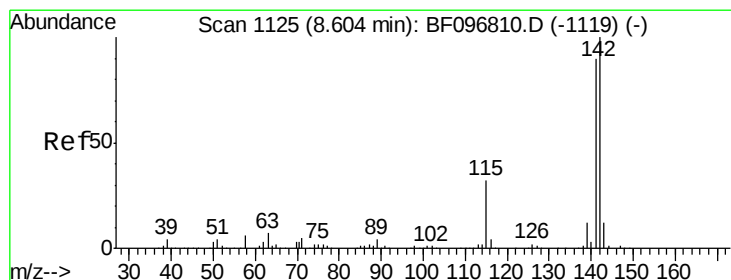
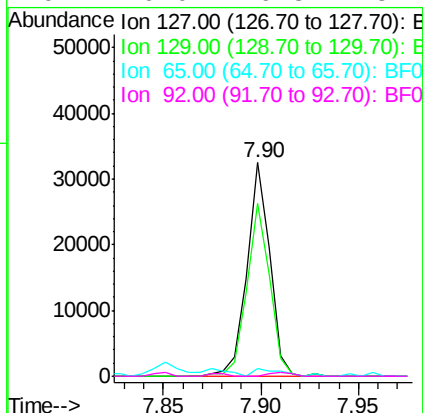
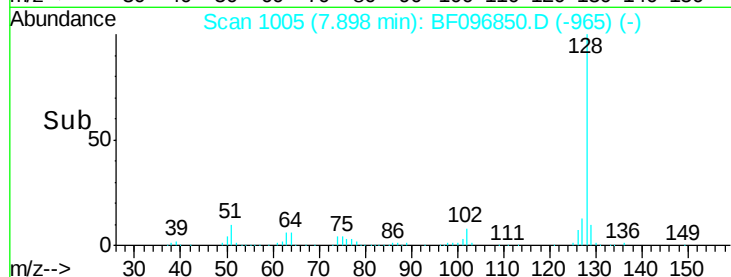
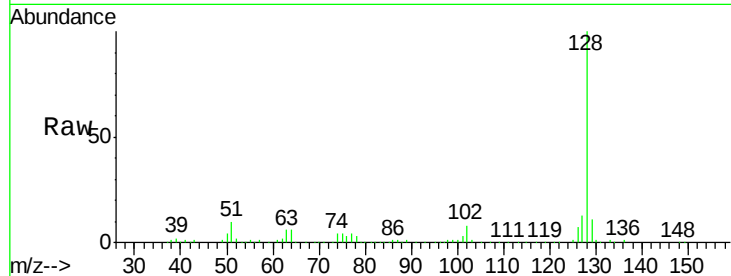




#33
4-Chloroaniline
Concen: 3.11 ng
RT: 7.90 min Scan# 1005
Delta R.T. -0.06 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

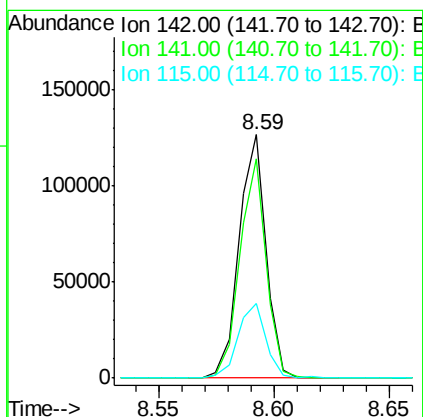
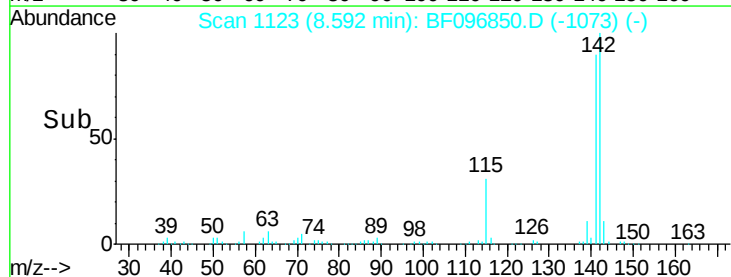
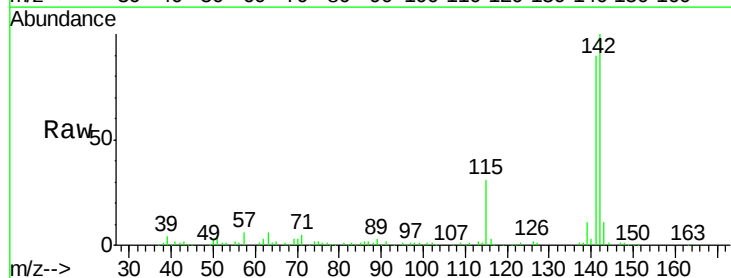
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

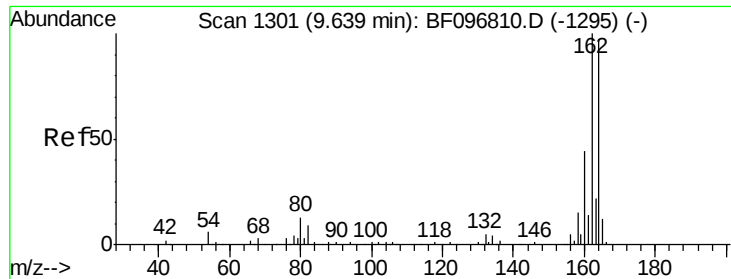
Tot Ion:127	Resp:	26495
Ion Ratio	Lower	Upper
127	100	
129	80.6	26.2 39.2#
65	3.5	27.8 41.8#
92	0.0	16.8 25.2#



#37
2-Methylnaphthalene
Concen: 7.52 ng
RT: 8.59 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:142	Resp:	103124
Ion Ratio	Lower	Upper
142	100	
141	89.8	71.3 106.9
115	30.6	27.1 40.7

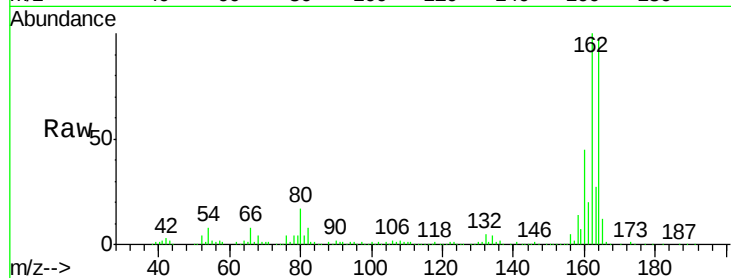




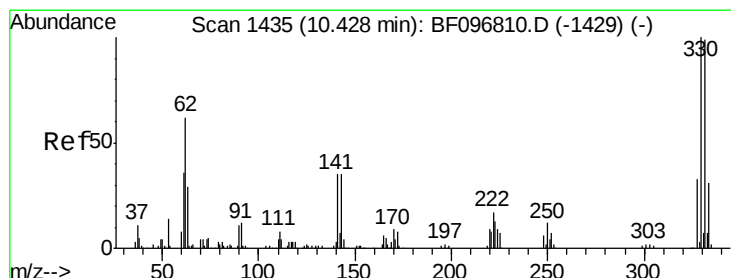
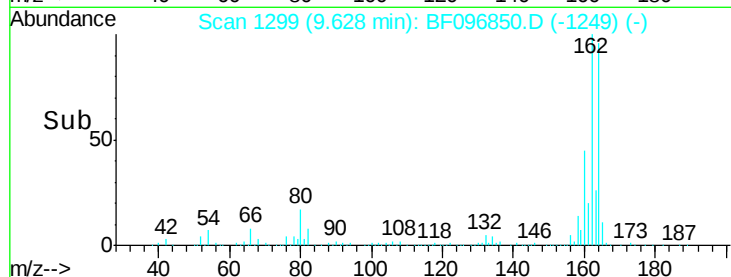
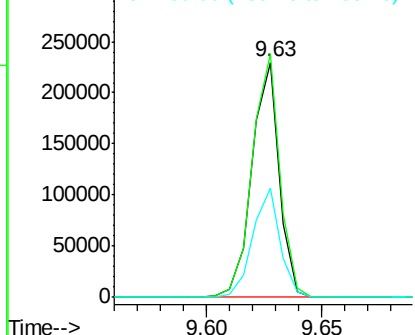
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

Tot Ion:164 Resp: 190416
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 46.3 36.2 54.2

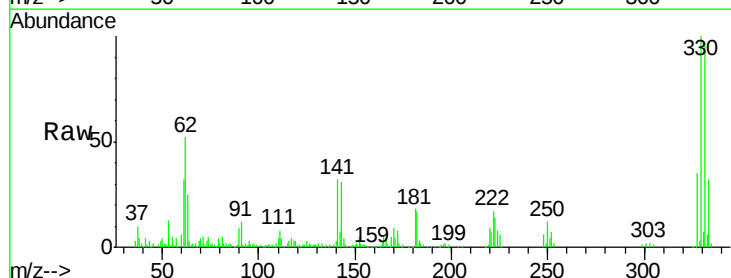


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

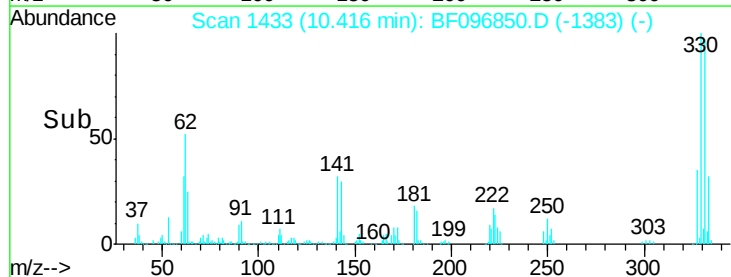
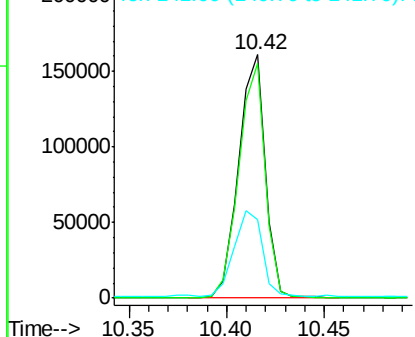


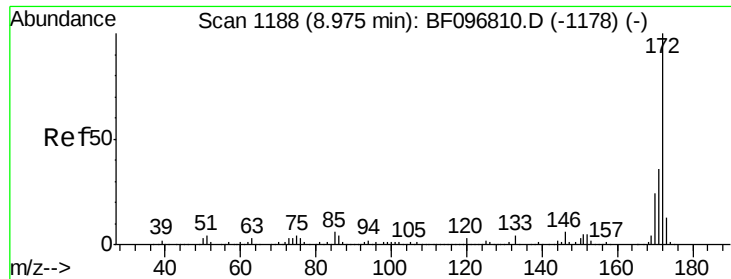
#41
2,4,6-Tribromophenol
Concen: 93.96 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:330 Resp: 152724
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 39.3 31.4 47.2



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

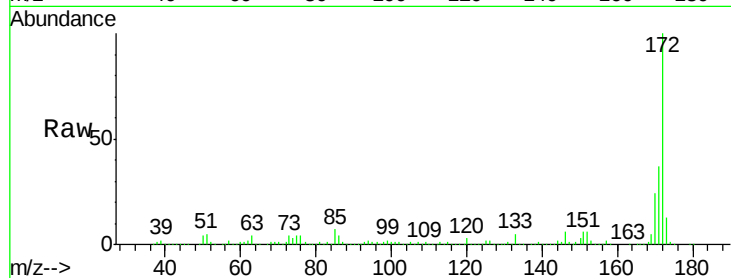




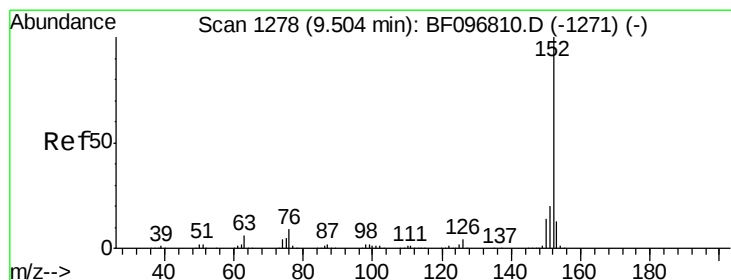
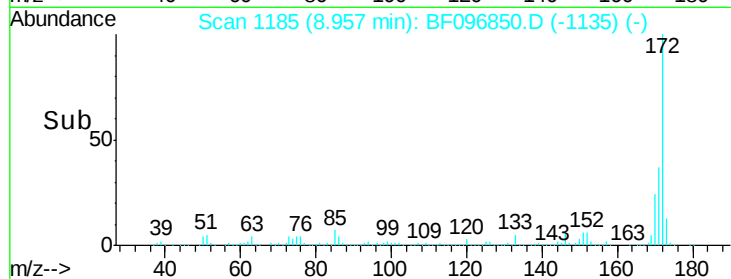
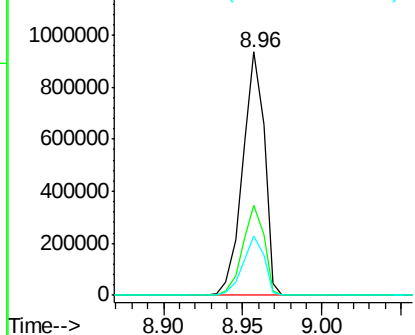
#44
2-Fluorobiphenyl
Concen: 73.40 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.1	19.8	29.8

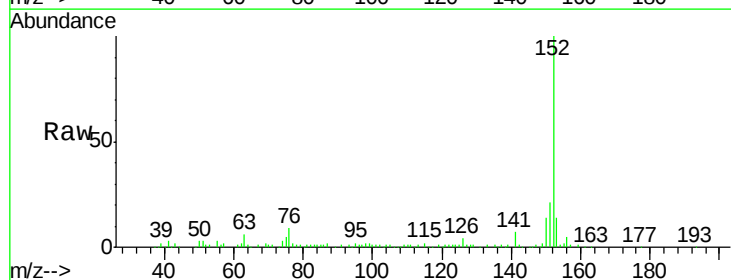


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

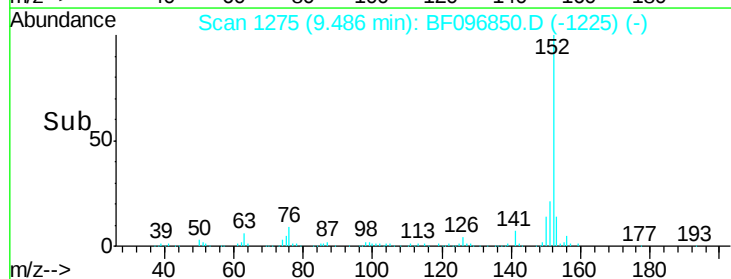
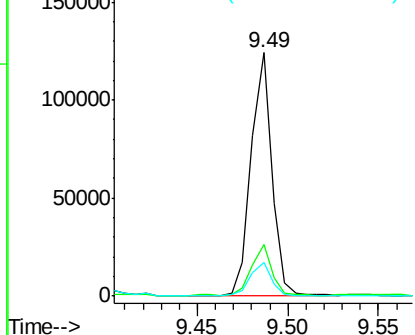


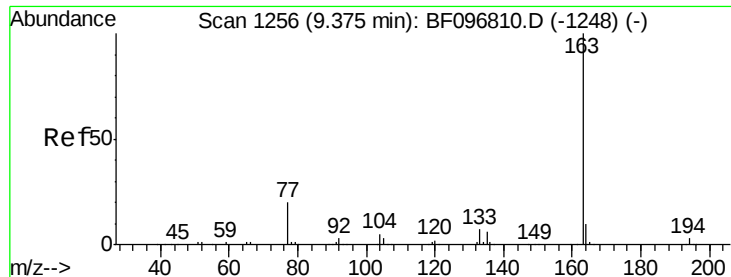
#48
Acenaphthylene
Concen: 5.23 ng
RT: 9.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.8	25.2
153	13.8	10.8	16.2



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

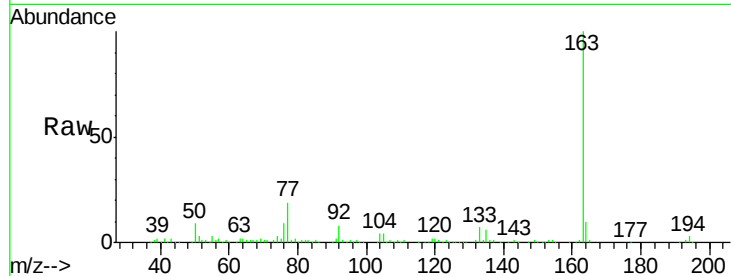




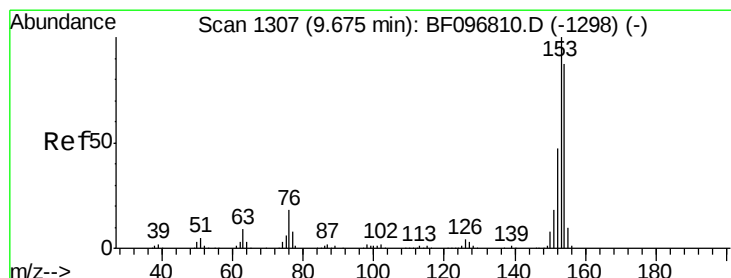
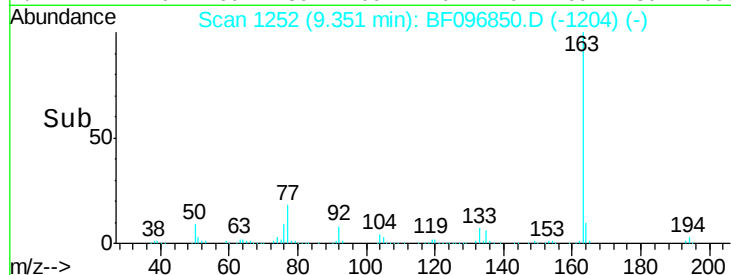
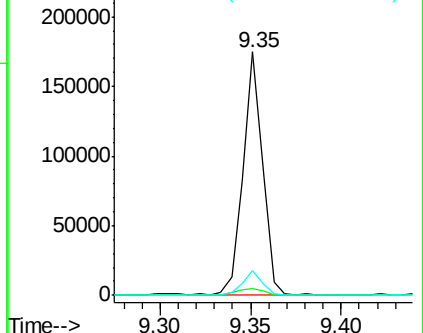
#49
Dimethylphthalate
Concen: 9.02 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

Tot Ion:163 Resp: 129343
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6

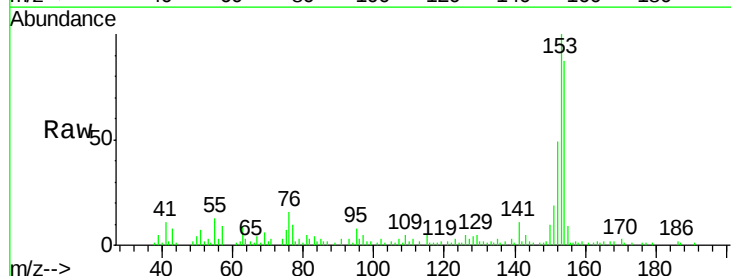


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

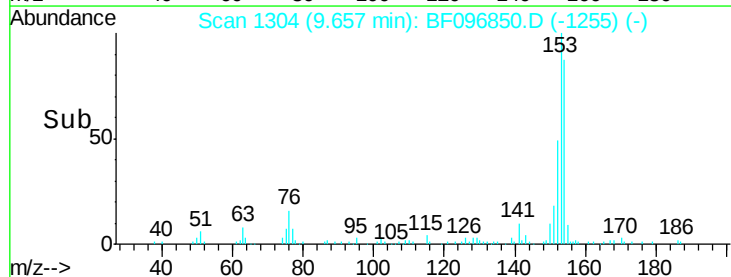
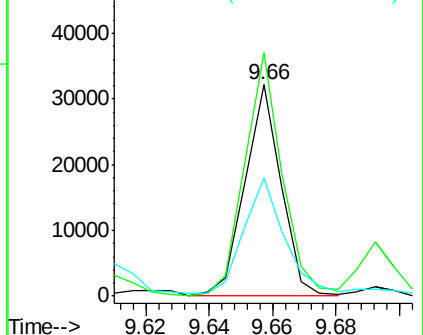


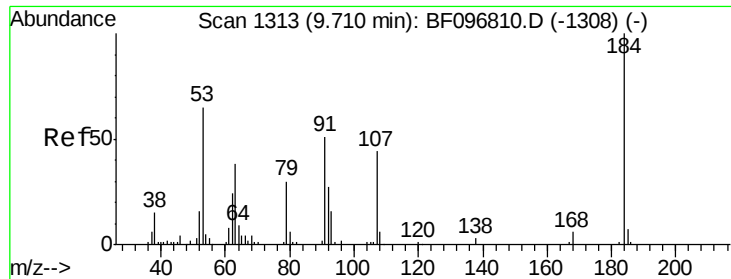
#51
Acenaphthene
Concen: 2.25 ng
RT: 9.66 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:154 Resp: 25467
Ion Ratio Lower Upper
154 100
153 115.2 90.5 135.7
152 56.2 43.6 65.4



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

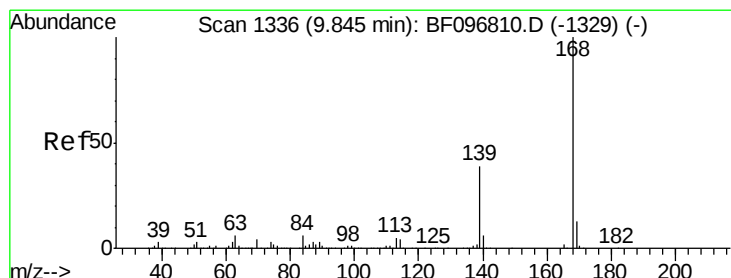
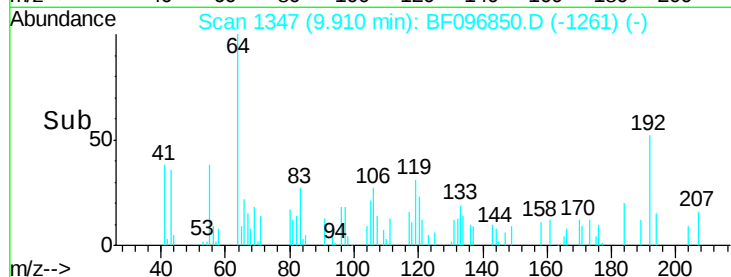
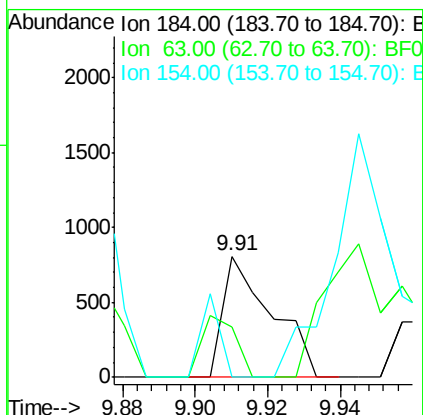
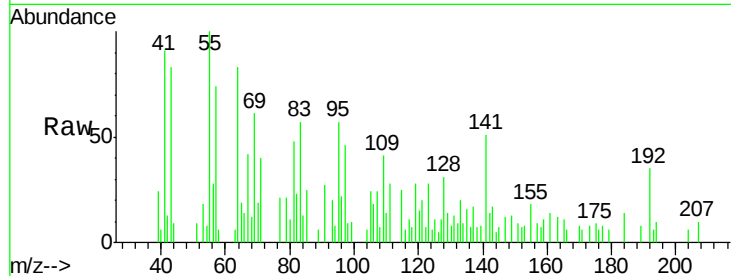




#53
2,4-Dinitrophenol
Concen: 7.19 ng
RT: 9.91 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

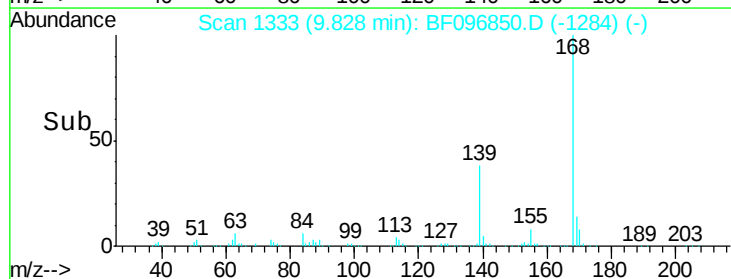
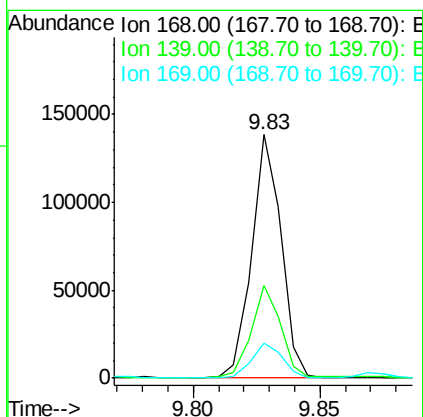
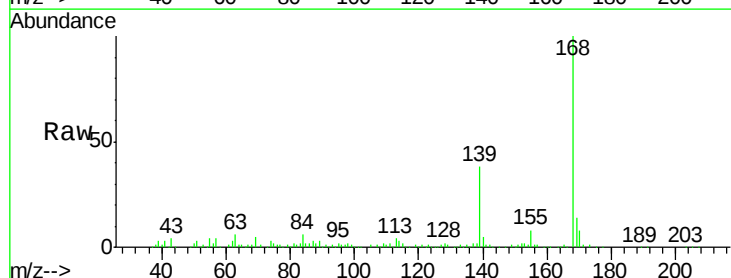
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

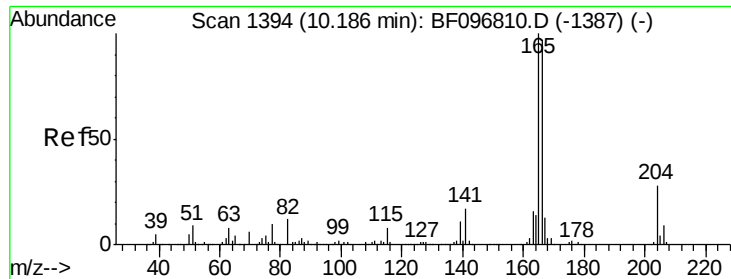
Tot Ion:184 Resp: 755
Ion Ratio Lower Upper
184 100
63 41.9 62.7 94.1#
154 0.0 81.1 121.7#



#54
Dibenzofuran
Concen: 7.09 ng
RT: 9.83 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:168 Resp: 112432
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 14.4 10.8 16.2

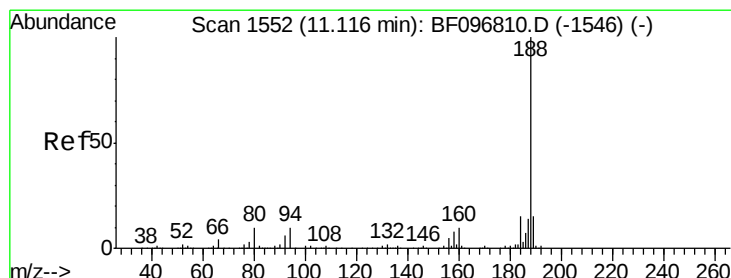
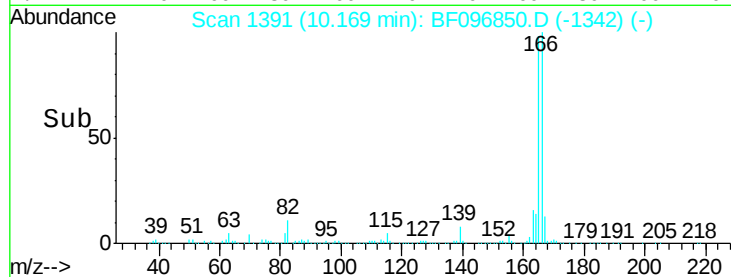
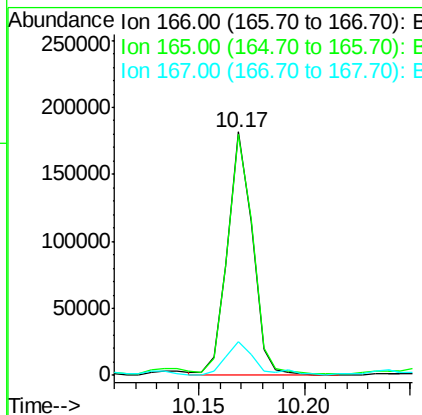
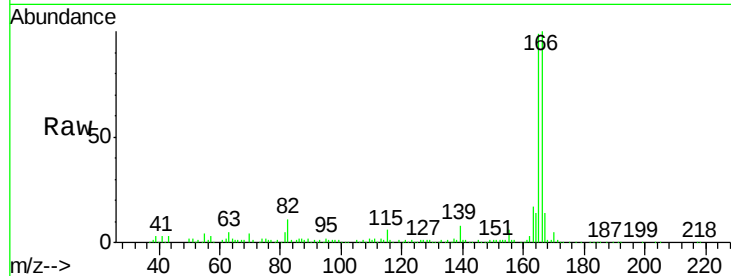




#57
 Fluorene
 Concen: 12.48 ng
 RT: 10.17 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF096850.D
 Acq: 18 Jul 2017 16:18

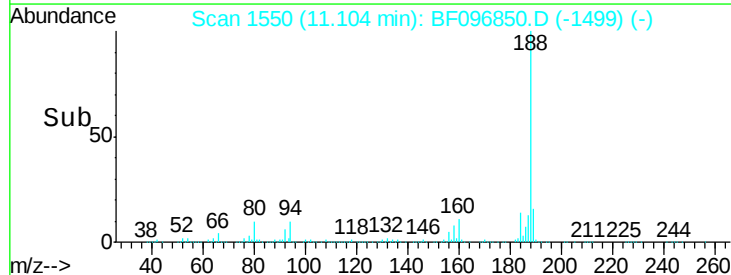
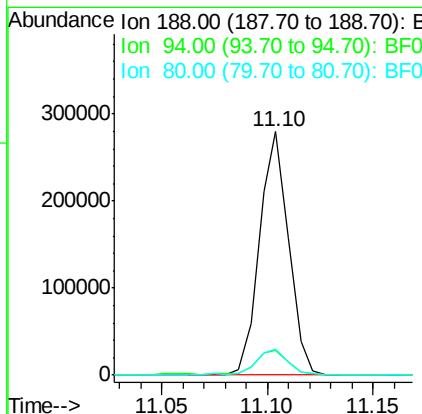
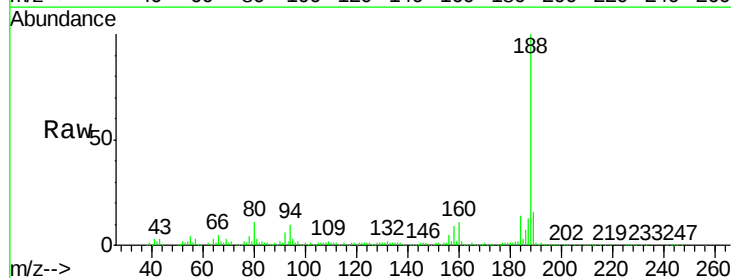
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP-(0-8)

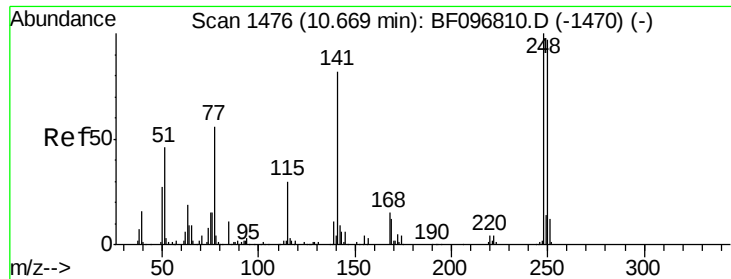
Tot Ion:166 Resp: 146279
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.8 118.2
 167 13.7 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF096850.D
 Acq: 18 Jul 2017 16:18

Tgt Ion:188 Resp: 268088
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.7 10.2 15.2

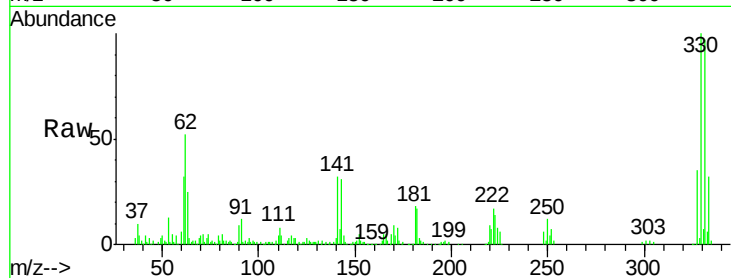




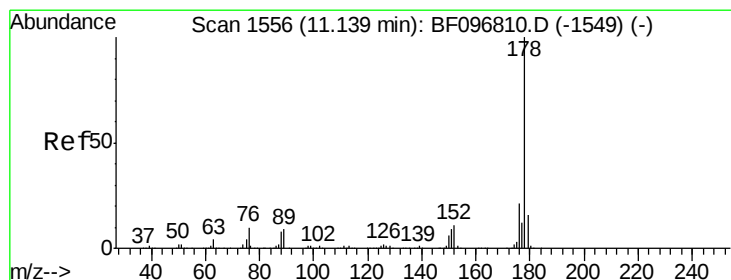
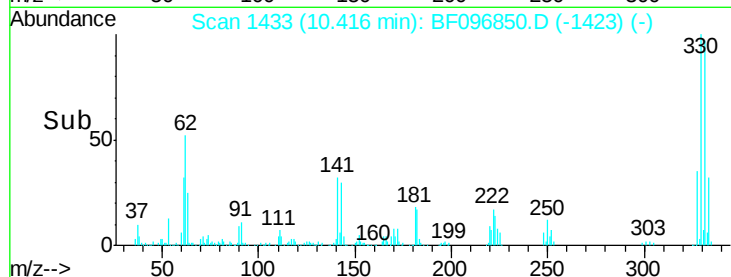
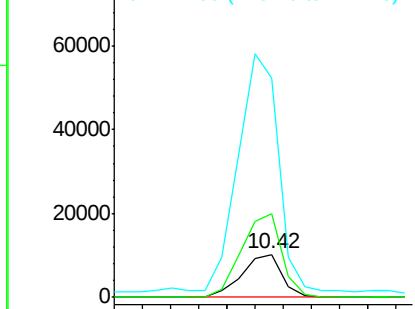
#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

Tot Ion:248 Resp: 10023
Ion Ratio Lower Upper
248 100
250 194.8 76.8 115.2#
141 509.7 68.6 103.0#

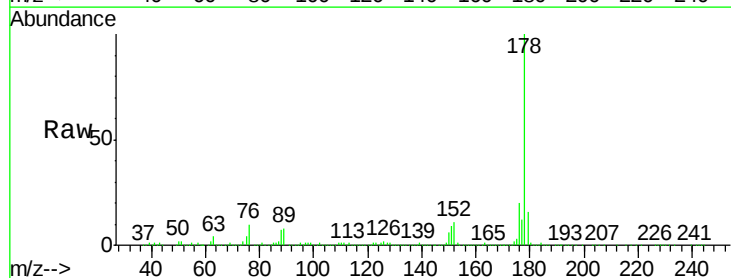


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

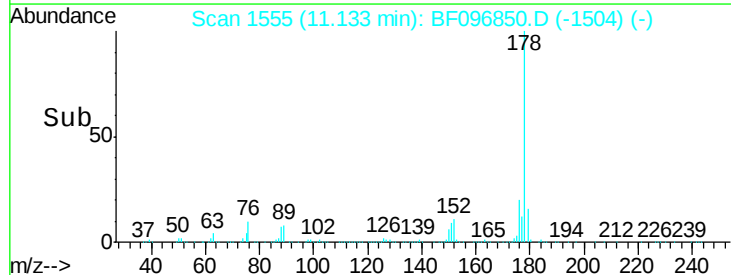
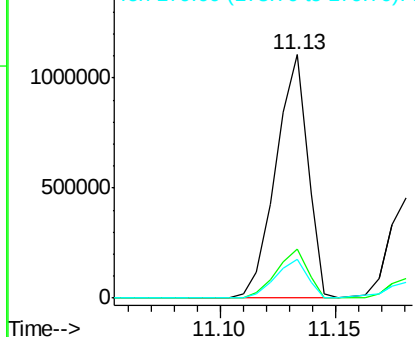


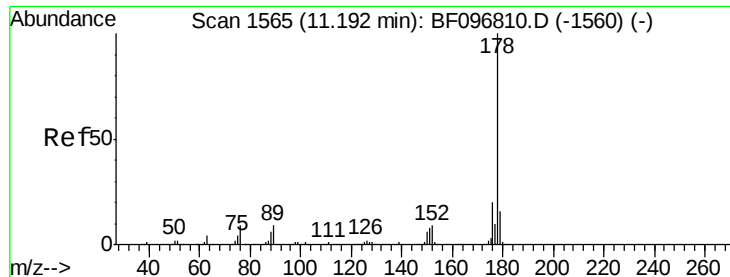
#70
Phenanthrene
Concen: 72.76 ng
RT: 11.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:178 Resp: 1060586
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.8 12.6 19.0



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

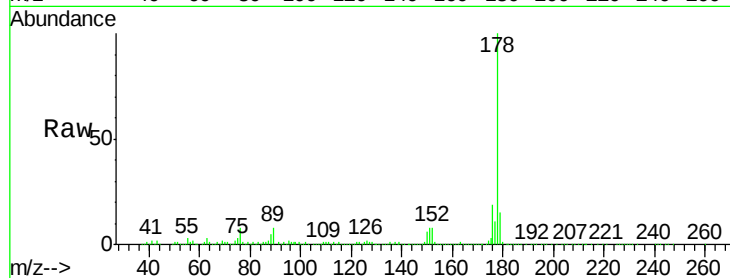




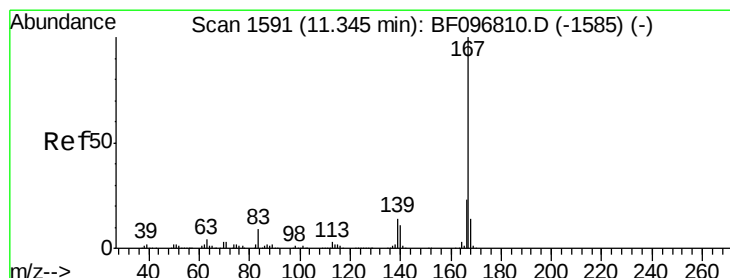
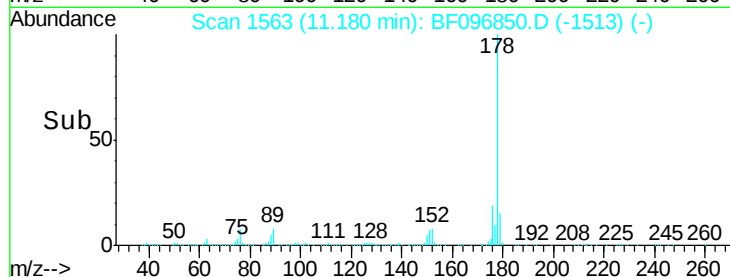
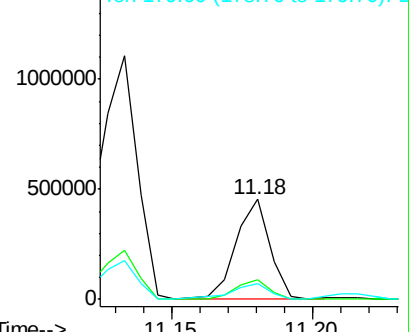
#71
 Anthracene
 Concen: 25.42 ng
 RT: 11.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF096850.D
 Acq: 18 Jul 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP-(0-8)

Tot Ion:178 Resp: 374697
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.3 12.7 19.1

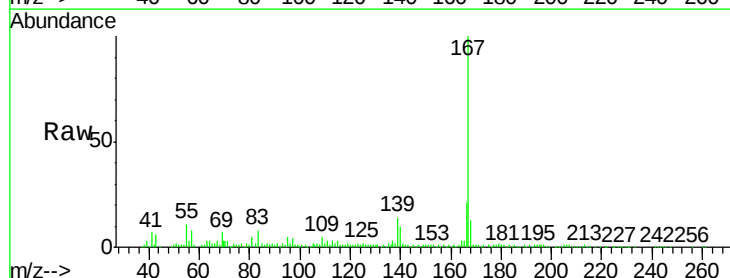


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

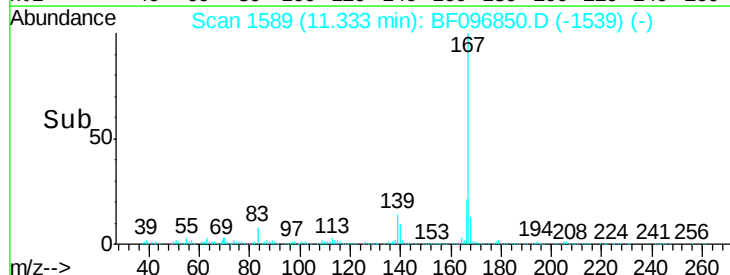
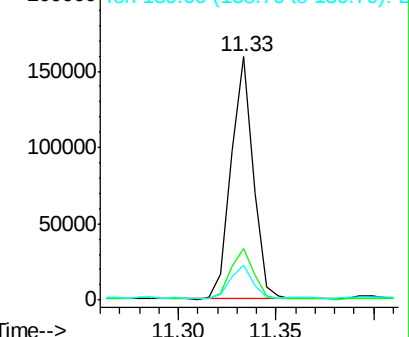


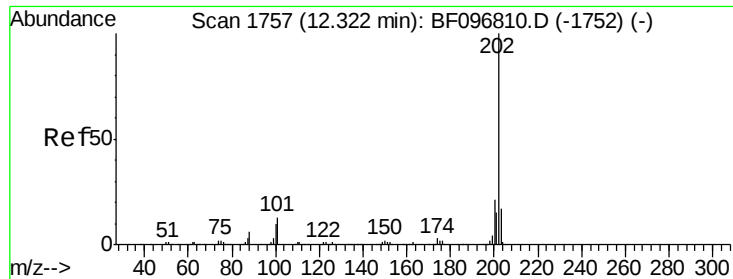
#72
 Carbazole
 Concen: 8.77 ng
 RT: 11.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF096850.D
 Acq: 18 Jul 2017 16:18

Tgt Ion:167 Resp: 125181
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.1 27.1
 139 14.3 11.7 17.5



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





#74

Fluoranthene

Concen: 78.16 ng

RT: 12.32 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

TP-3-COMP-(0-8)

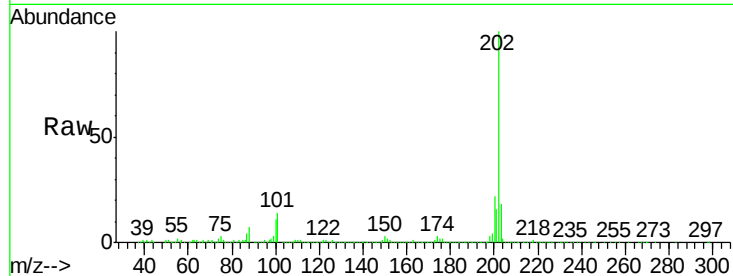
Tot Ion:202 Resp: 1090498

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

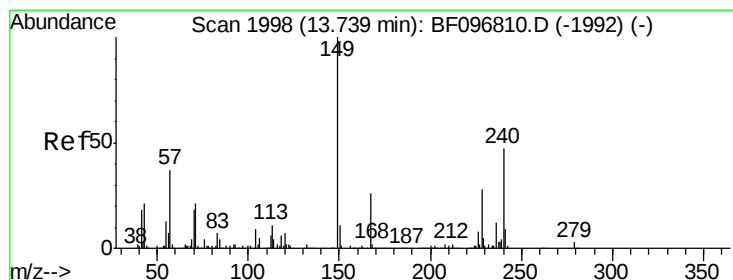
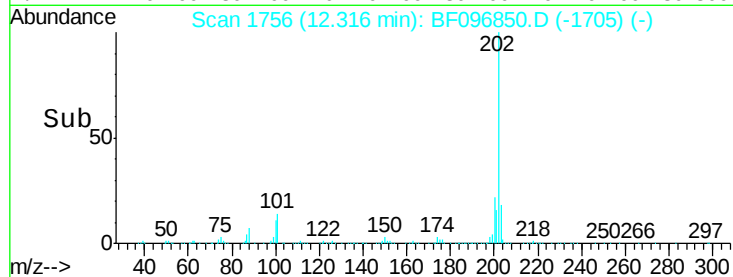
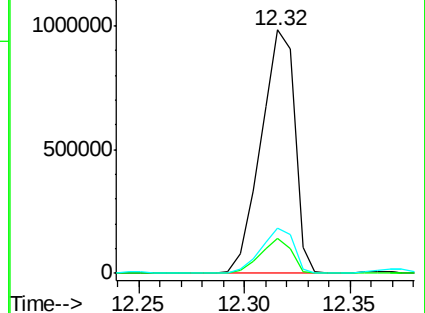
203 18.4 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

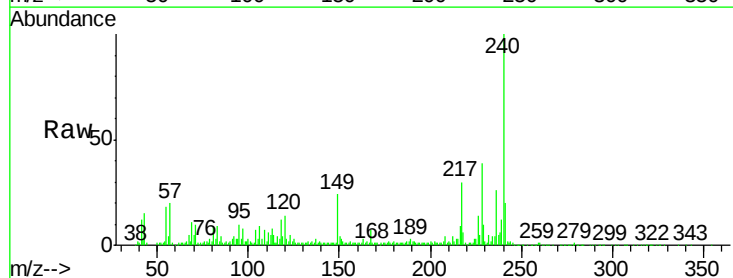
Tgt Ion:240 Resp: 164128

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

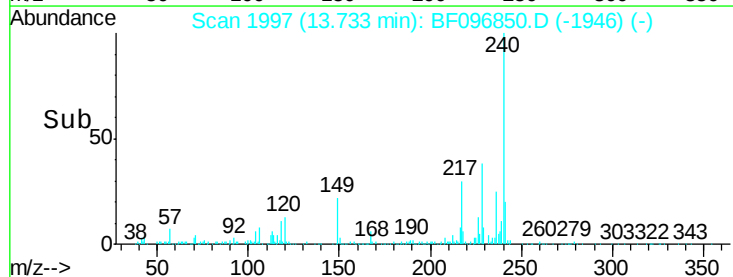
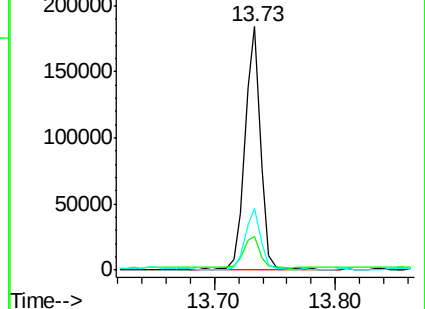
236 25.5 20.5 30.7

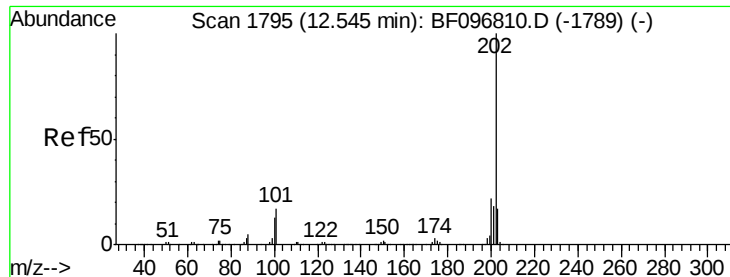


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 56.30 ng

RT: 12.54 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

Instrument :

BNA_F

ClientSampleId :

TP-3-COMP-(0-8)

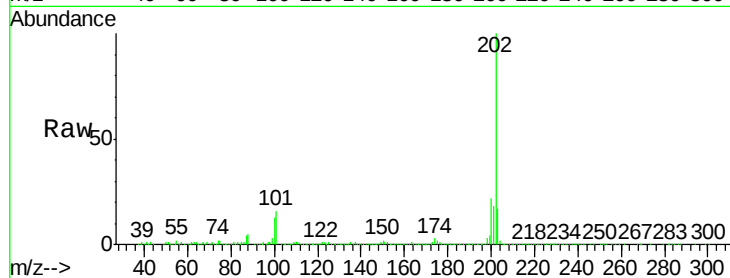
Tot Ion:202 Resp: 838620

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

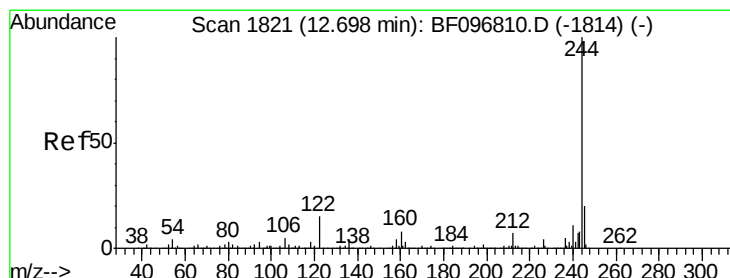
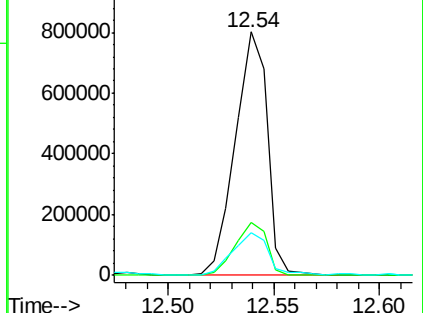
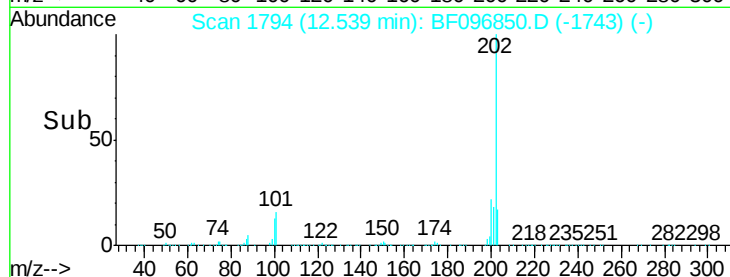
203 17.4 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.52 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

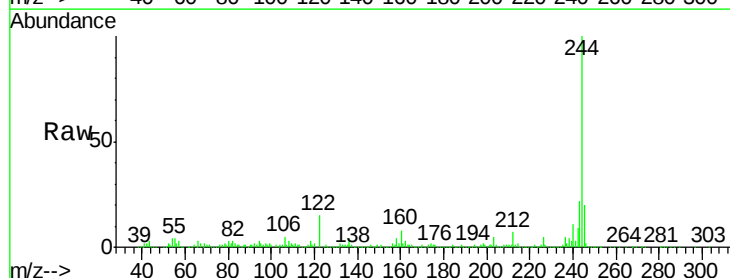
Tgt Ion:244 Resp: 468678

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

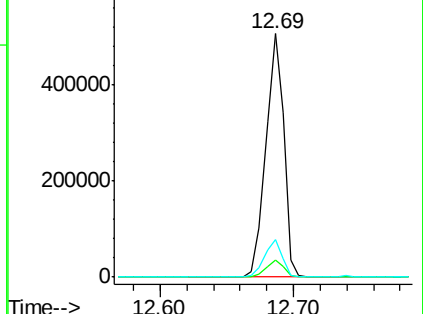
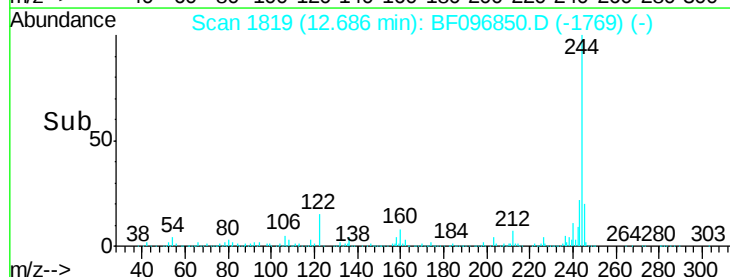
122 15.4 10.3 15.5

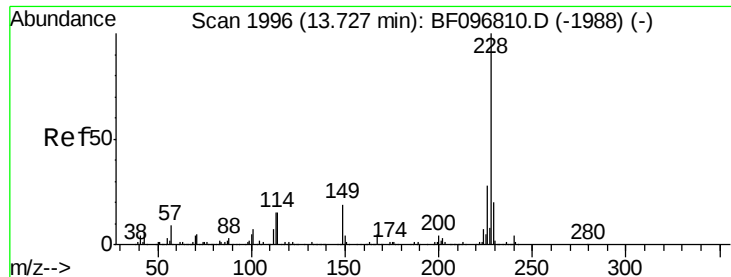


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 38.06 ng

RT: 13.72 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

Instrument :

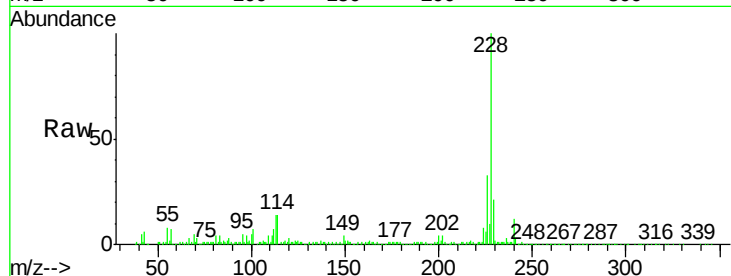
BNA_F

ClientSampleId :

TP-3-COMP-(0-8)

Tot Ion:228 Resp: 389219

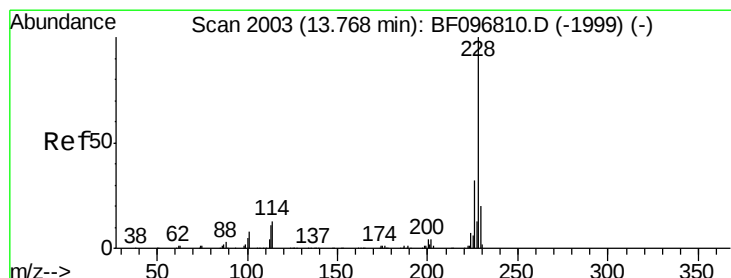
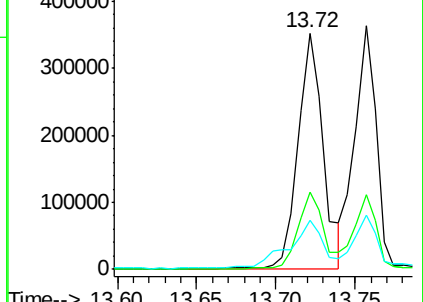
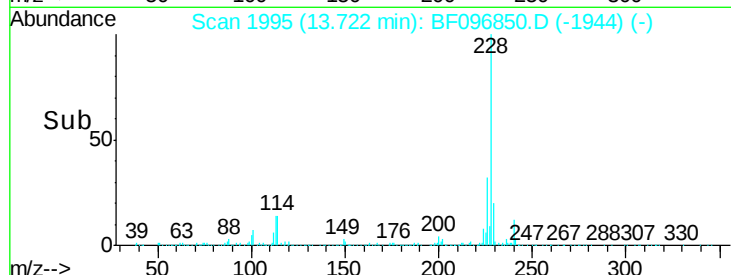
Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	20.8	16.3	24.5



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



#82

Chrysene

Concen: 34.23 ng

RT: 13.76 min Scan# 2001

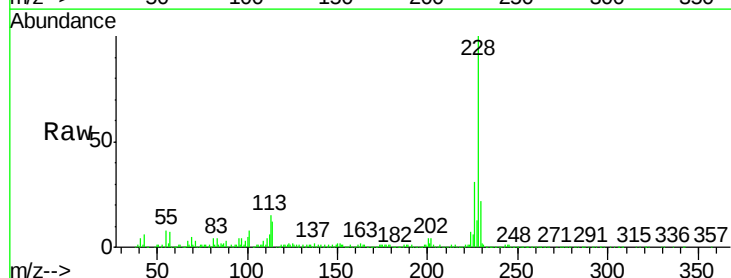
Delta R.T. -0.01 min

Lab File: BF096850.D

Acq: 18 Jul 2017 16:18

Tgt Ion:228 Resp: 344599

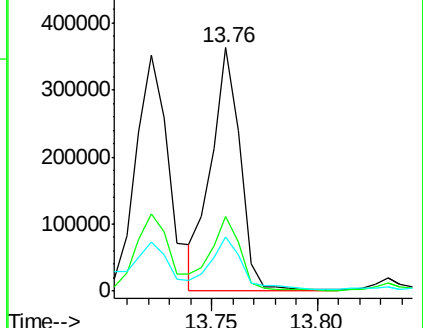
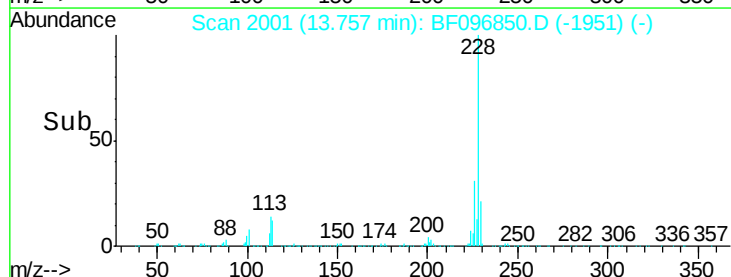
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.1	15.8	23.6

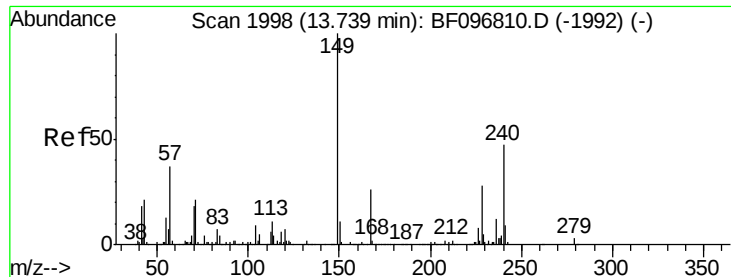


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

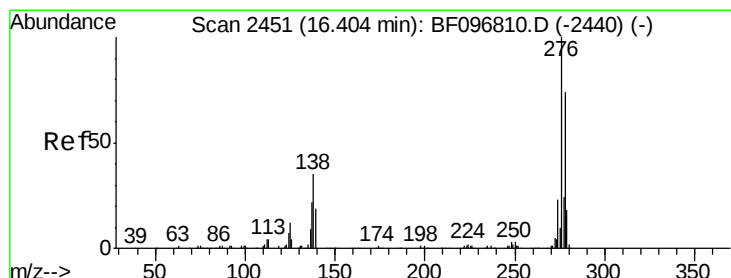
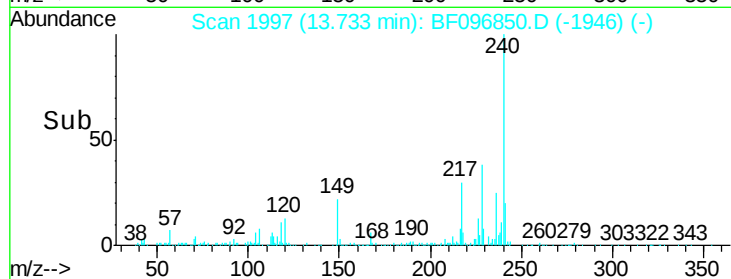
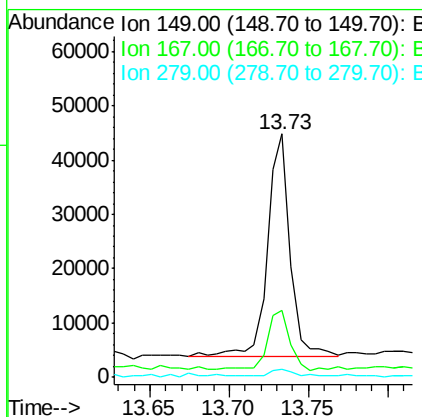
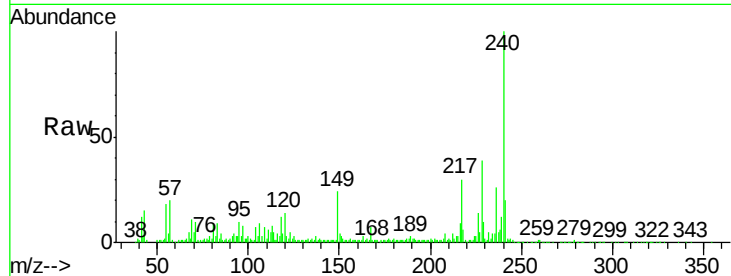




#83
Bis(2-ethylhexyl)phthalate
Concen: 4.73 ng
RT: 13.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

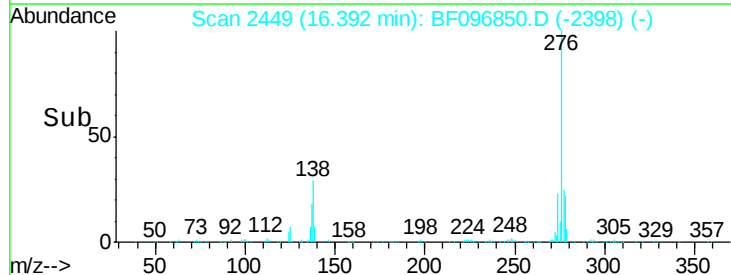
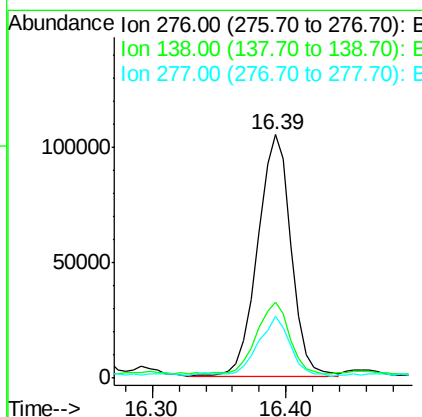
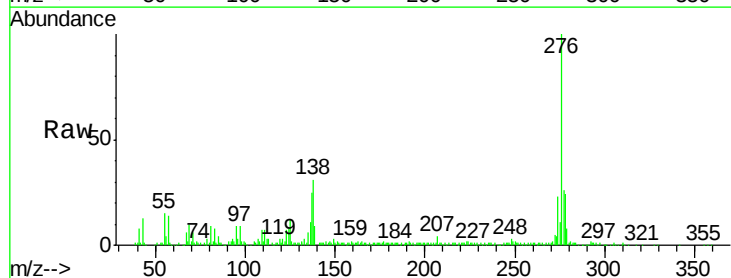
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

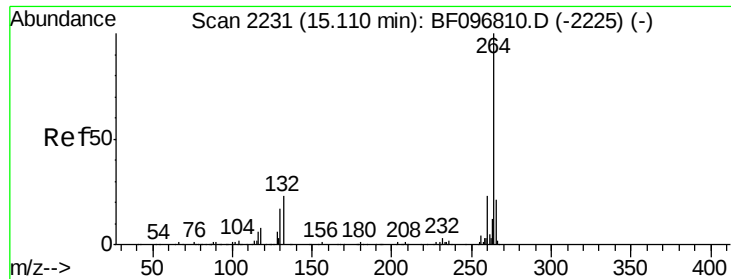
Tot Ion:149 Resp: 40756
Ion Ratio Lower Upper
149 100
167 27.7 21.0 31.4
279 3.3 1.9 2.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 21.40 ng
RT: 16.39 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:276 Resp: 179686
Ion Ratio Lower Upper
276 100
138 30.7 27.8 41.6
277 23.9 20.2 30.4

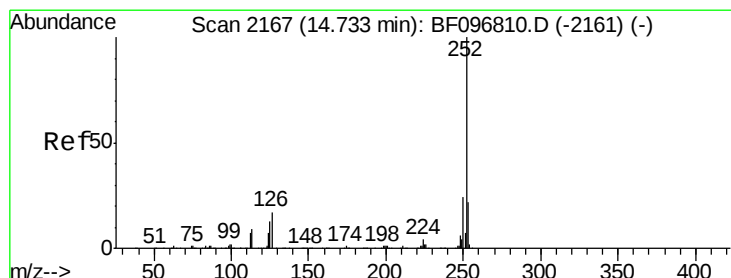
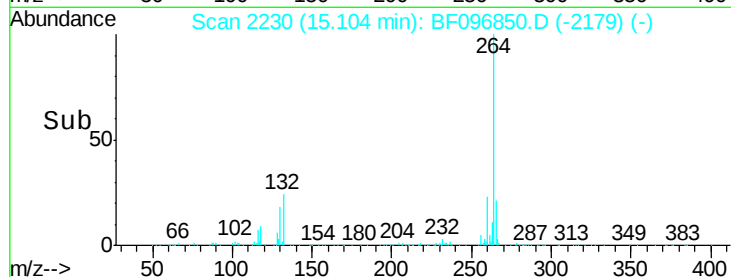
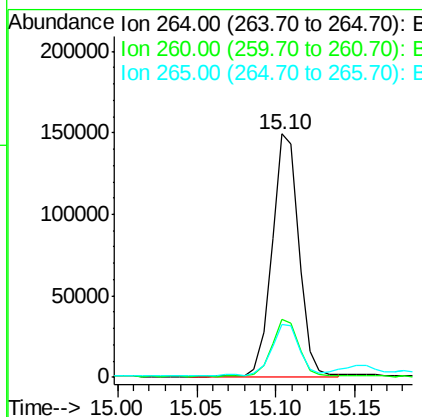
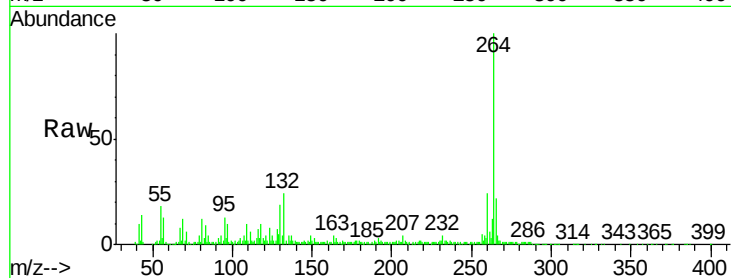




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

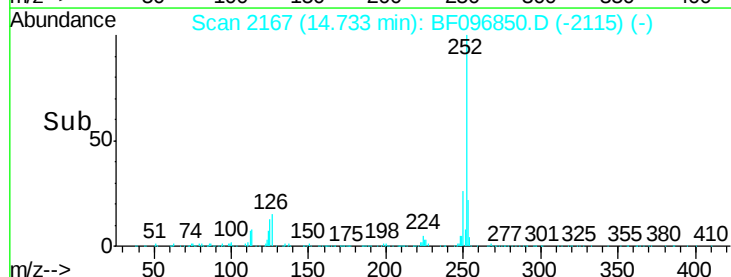
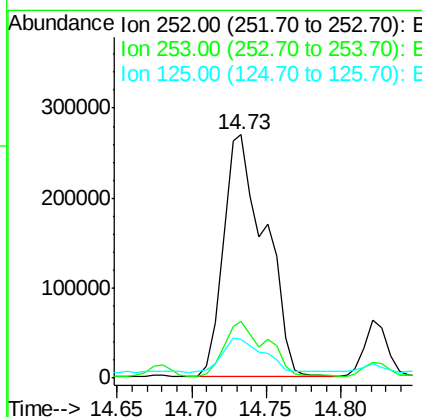
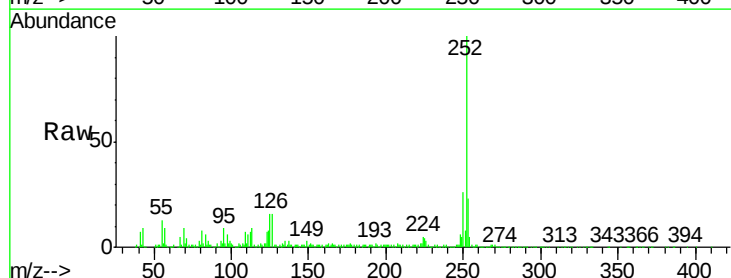
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

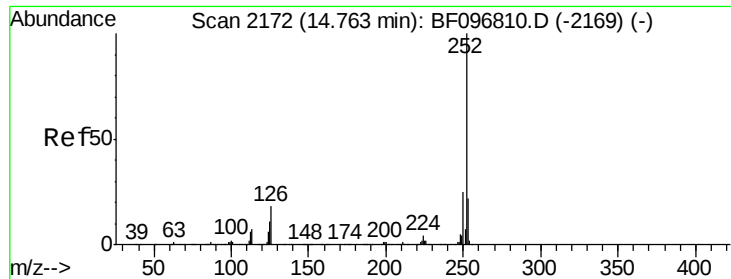
Tot Ion:264 Resp: 175624
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 49.50 ng
RT: 14.73 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:252 Resp: 524258
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 15.7 9.8 14.8#

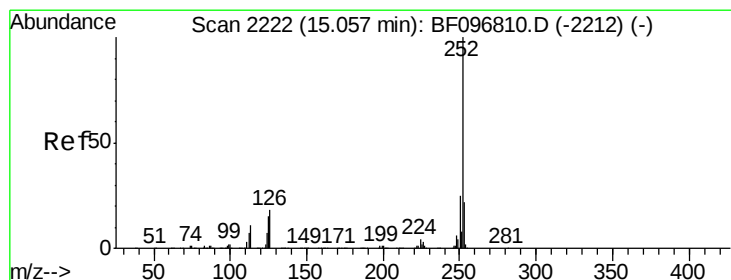
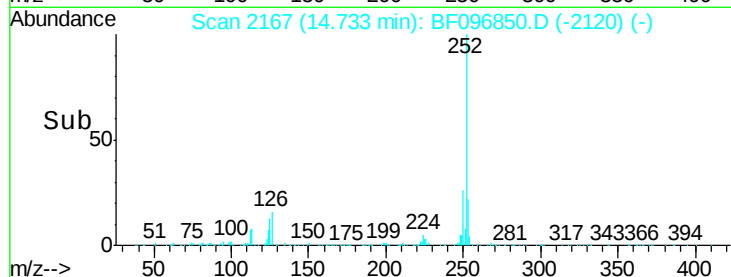
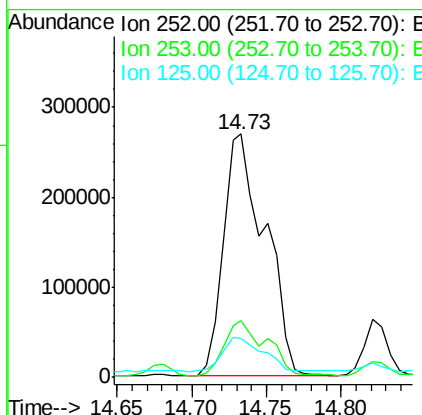
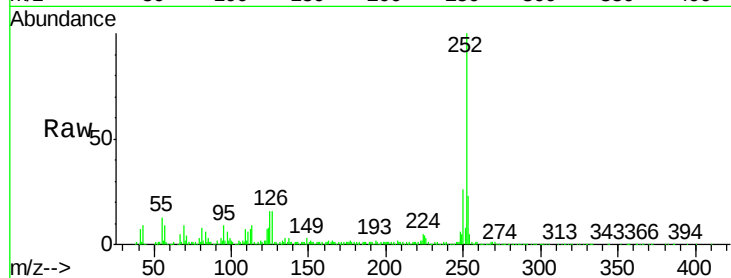




#88
Benzo(k)fluoranthene
Concen: 52.27 ng
RT: 14.73 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

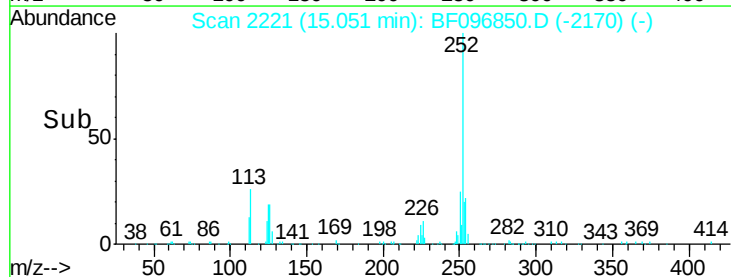
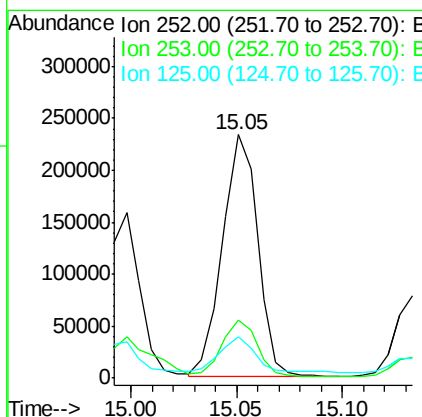
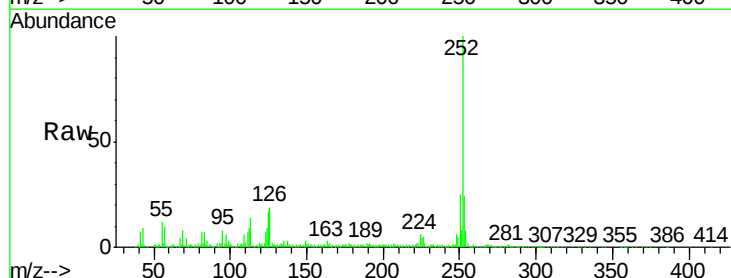
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

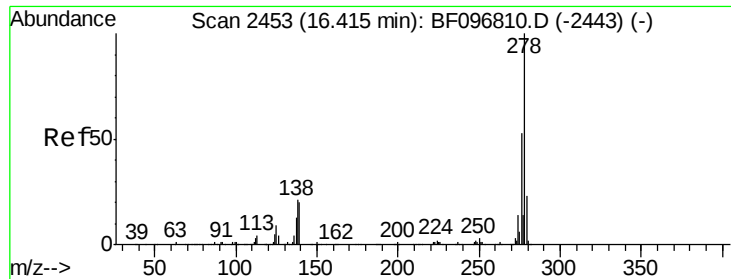
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	15.7	13.1	19.7



#89
Benzo(a)pyrene
Concen: 27.61 ng
RT: 15.05 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	16.8	11.0	16.4#

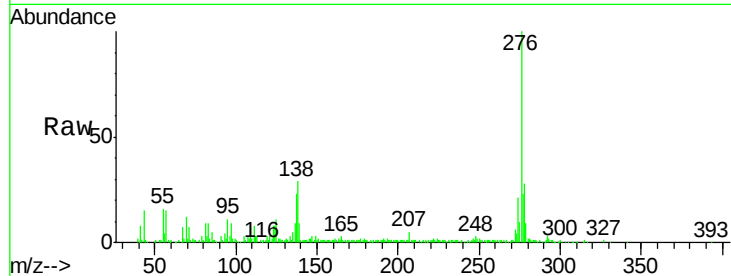




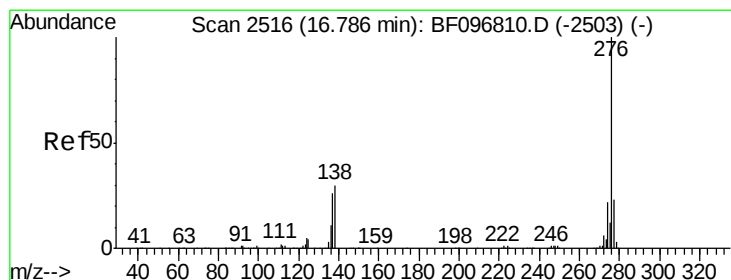
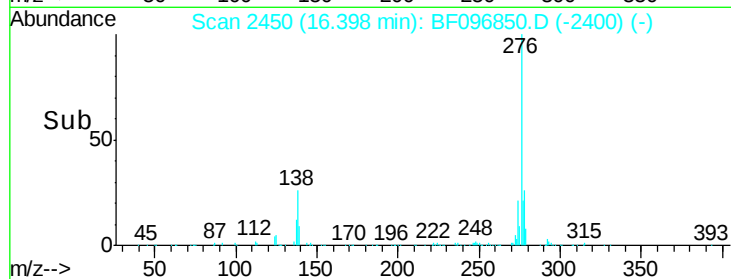
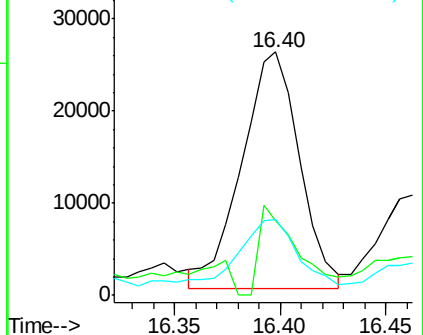
#90
Dibenzo(a,h)anthracene
Concen: 5.47 ng
RT: 16.40 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP-(0-8)

Tot Ion:278 Resp: 48906
Ion Ratio Lower Upper
278 100
139 30.8 16.6 24.8#
279 31.3 19.3 28.9#

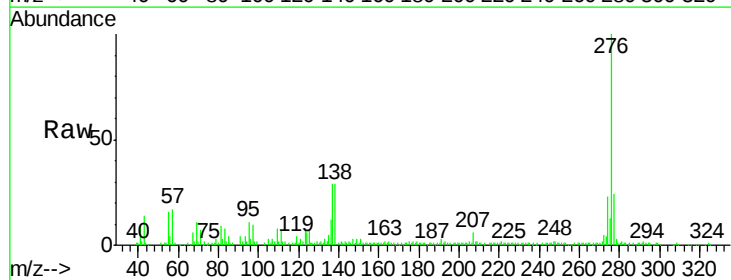


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 15.89 ng
RT: 16.78 min Scan# 2515
Delta R.T. 0.00 min
Lab File: BF096850.D
Acq: 18 Jul 2017 16:18

Tgt Ion:276 Resp: 152152
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 28.7 25.4 38.0



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

