

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
 Data File : BF106944.D
 Acq On : 29 Jun 2018 1:50
 Operator : JU/SJ
 Sample : J3048-10 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Quant Time: Jun 29 05:56:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67815	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	241750	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	97608	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	175642	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	217459	20.00	ng	-0.03
86) Perylene-d12	15.67	264	188938	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	216114	53.96	ng	-0.01
7) Phenol-d6	6.59	99	267172	53.42	ng	-0.02
23) Nitrobenzene-d5	7.51	82	152525	35.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	59094	52.24	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	231799	30.79	ng	-0.02
78) Terphenyl-d14	13.07	244	255787	28.49	ng	-0.02

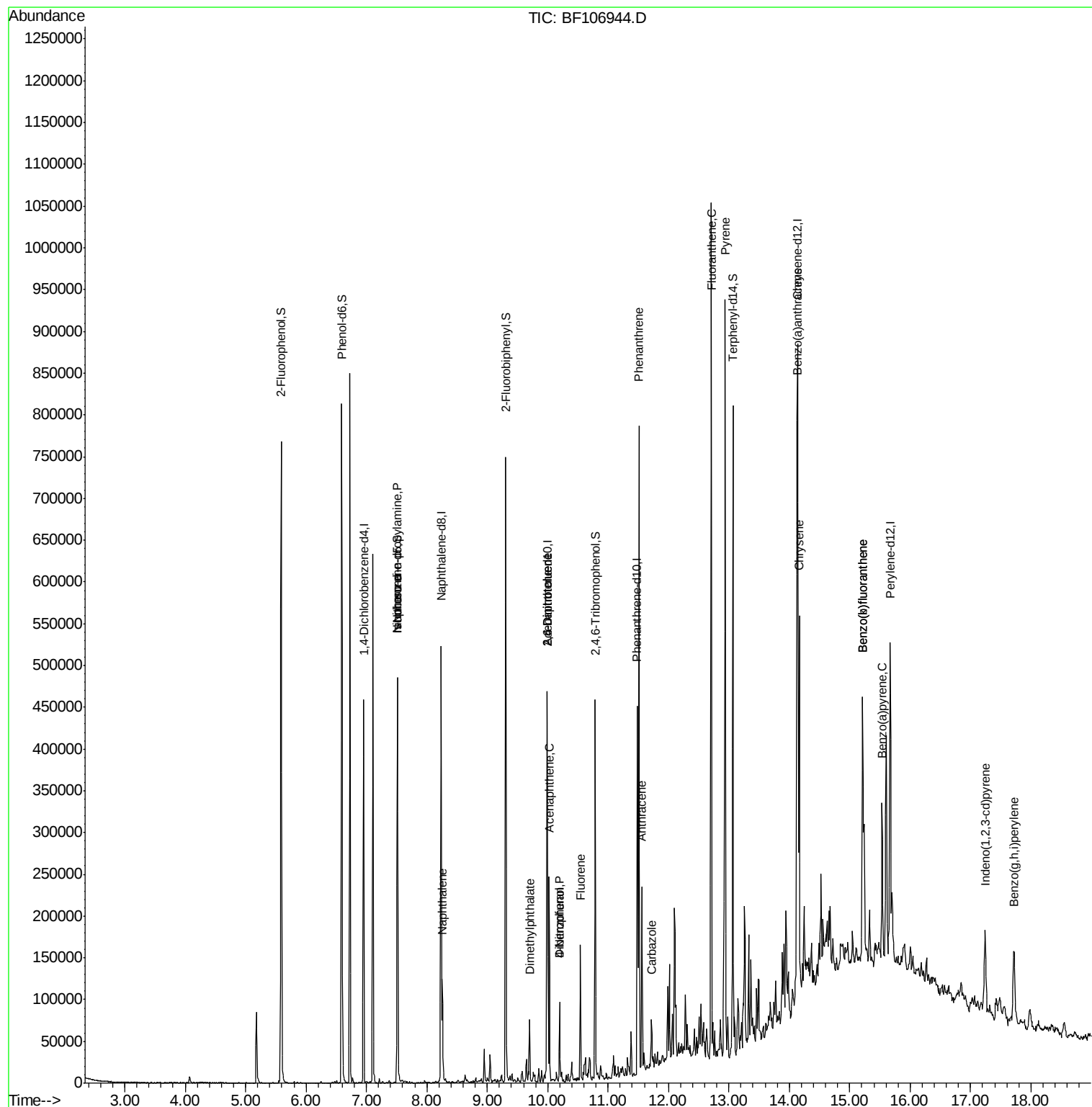
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.51	70	19707	5.978 ng	#	73
20) 3+4-Methylphenols	7.37	107	1968	Below Cal	#	77
25) Isophorone	7.51	82	152524	19.897 ng	#	64
31) Naphthalene	8.25	128	48026	4.249 ng		99
49) Dimethylphthalate	9.70	163	28736	3.925 ng		97
50) 2,6-Dinitrotoluene	9.99	165	13178	8.501 ng	#	24
51) Acenaphthene	10.02	154	48408	7.952 ng		97
54) Dibenzofuran	10.20	168	40830	4.898 ng		93
55) 4-Nitrophenol	10.20	139	13630	10.946 ng	#	10
56) 2,4-Dinitrotoluene	9.99	165	13178	6.513 ng	#	21
57) Fluorene	10.54	166	43565	6.586 ng		97
70) Phenanthrene	11.51	178	294833	34.803 ng		99
71) Anthracene	11.56	178	85562	9.895 ng		97
72) Carbazole	11.72	167	22133	2.734 ng		97
74) Fluoranthene	12.71	202	407719	43.665 ng		95
77) Pyrene	12.94	202	381626	26.613 ng		100
80) Benzo(a)anthracene	14.12	228	208327	15.719 ng		99
82) Chrysene	14.17	228	186519	15.297 ng		97
85) Indeno(1,2,3-cd)pyrene	17.24	276	64966	6.278 ng	#	88
87) Benzo(b)fluoranthene	15.21	252	260641	22.207 ng		96
88) Benzo(k)fluoranthene	15.21	252	260641	23.320 ng	#	97
89) Benzo(a)pyrene	15.54	252	95122	9.117 ng		98
91) Benzo(g,h,i)perylene	17.72	276	73904	8.551 ng	#	88

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

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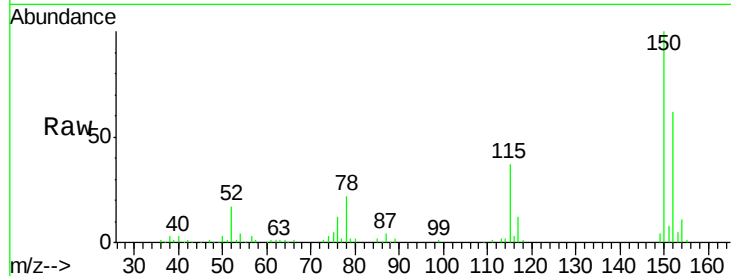




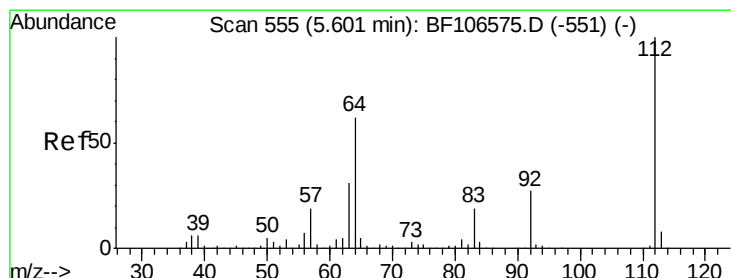
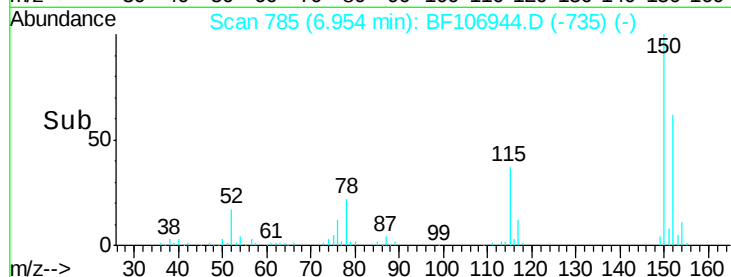
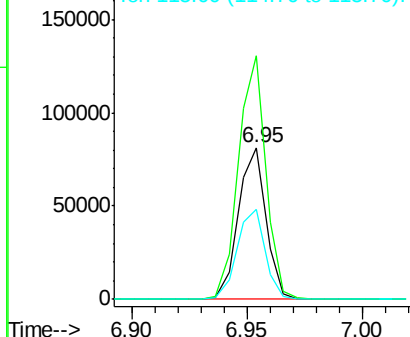
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tgt Ion:152 Resp: 67815
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.6 186.8
 115 59.1 50.1 75.1

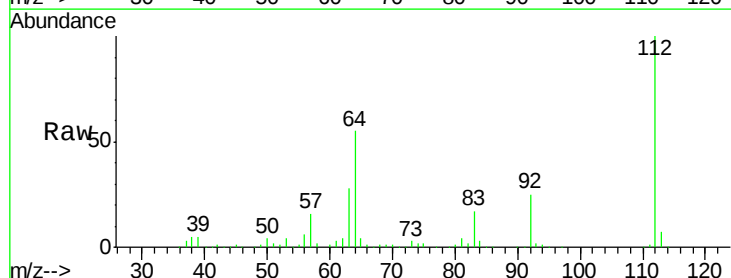


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

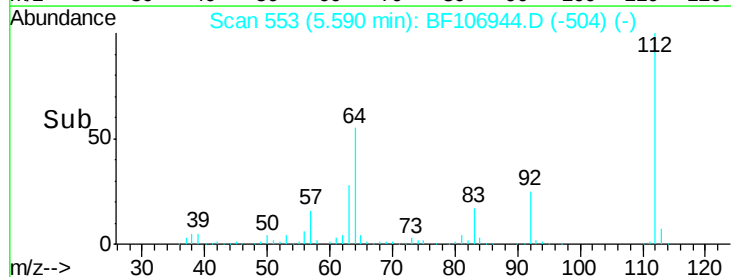
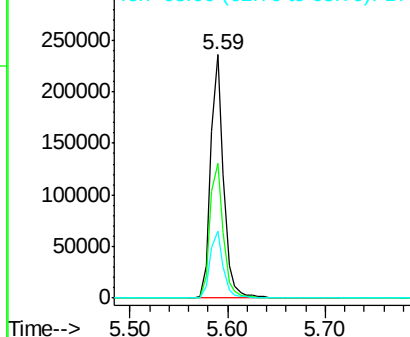


#5
 2-Fluorophenol
 Concen: 53.963 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Tgt Ion:112 Resp: 216114
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 27.6 23.7 35.5



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: 53.421 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D

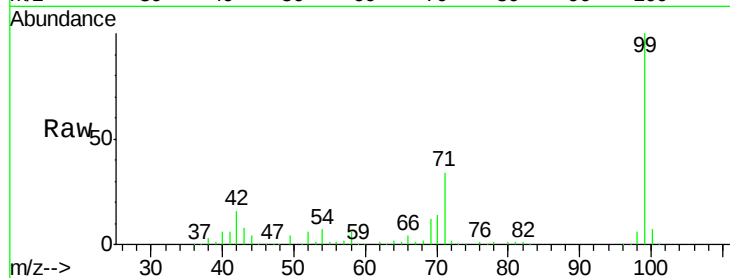
Tgt Ion: 99 Resp: 267172

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

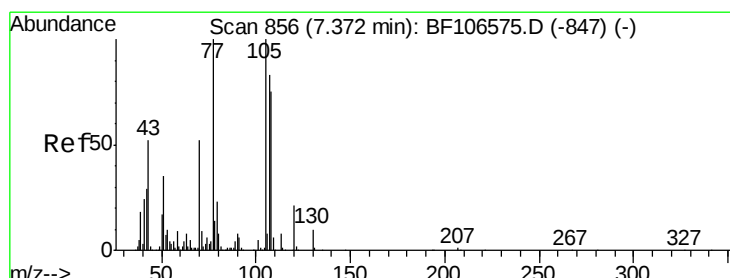
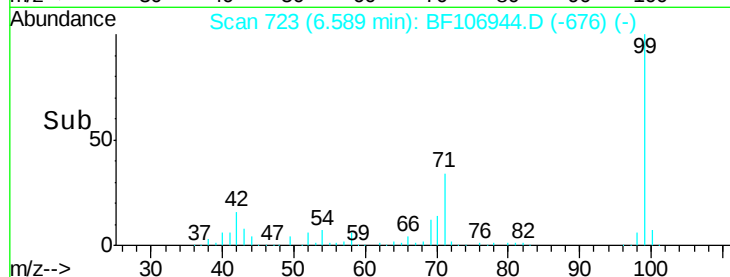
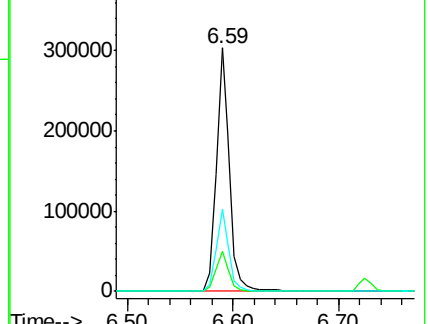
71 33.9 25.4 38.0



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: 5.978 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Tgt Ion: 70 Resp: 19707

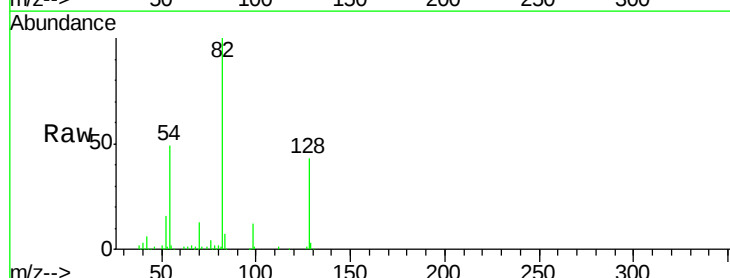
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

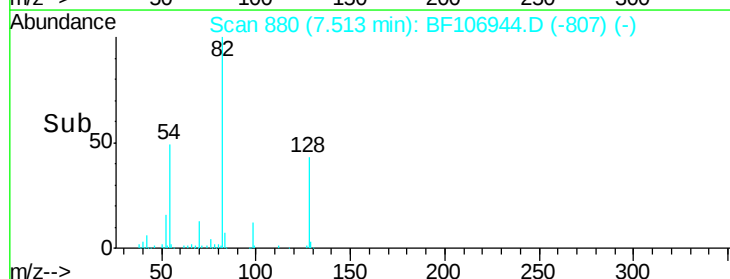
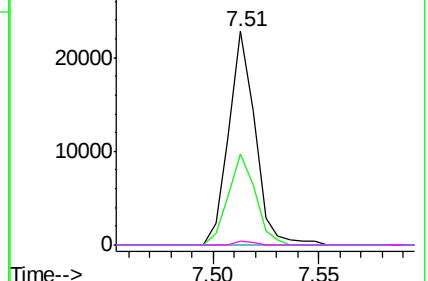


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

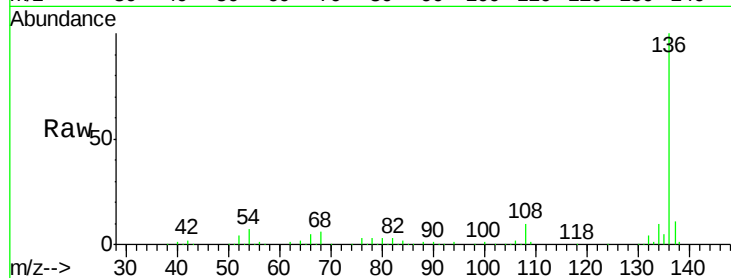




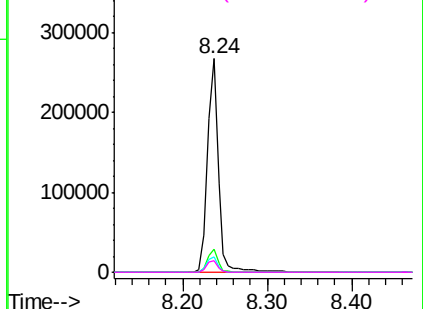
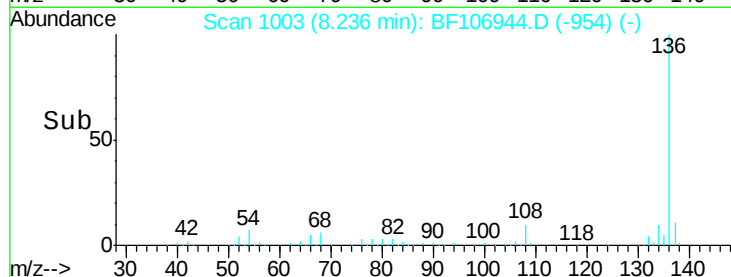
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tgt Ion:	136	Resp:	241750
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	5.6	5.0	7.4

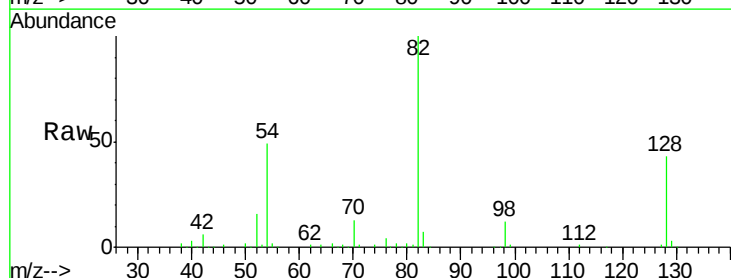


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

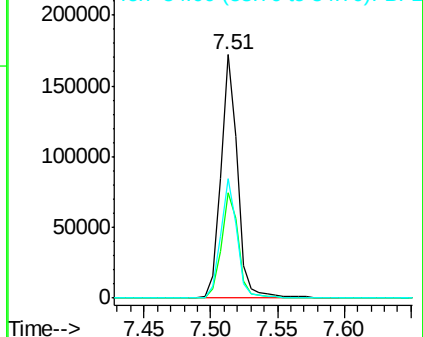
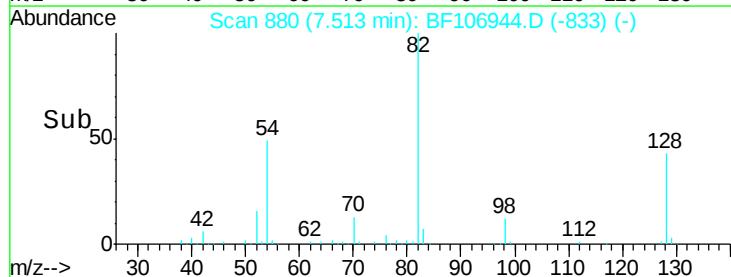


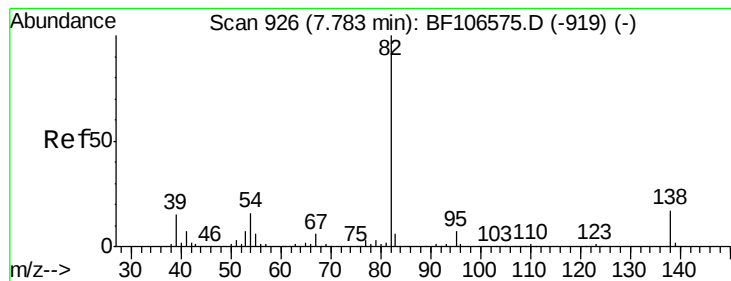
#23
Nitrobenzene-d5
Concen: 35.062 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Tgt Ion:	82	Resp:	152525
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	49.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.897 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D

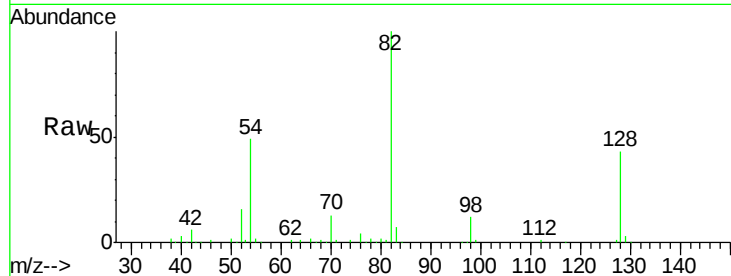
Tgt Ion: 82 Resp: 152524

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

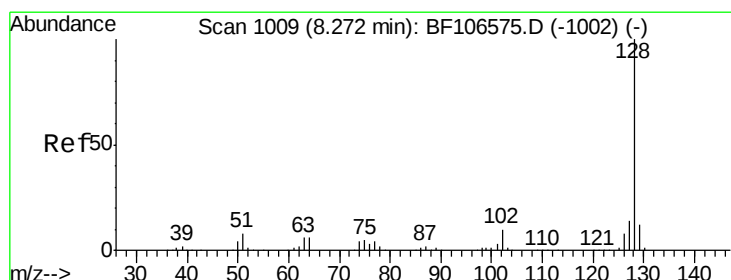
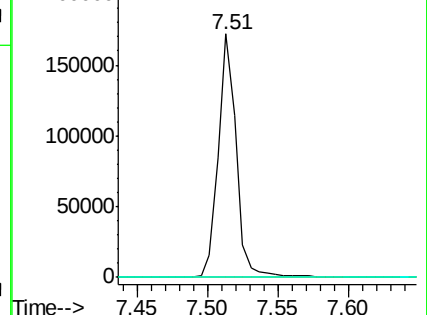
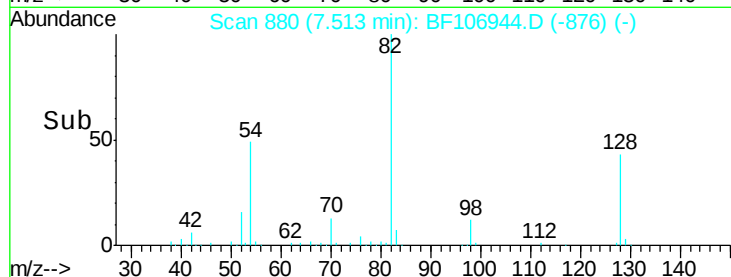
138 0.0 14.9 22.3#



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: 4.249 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

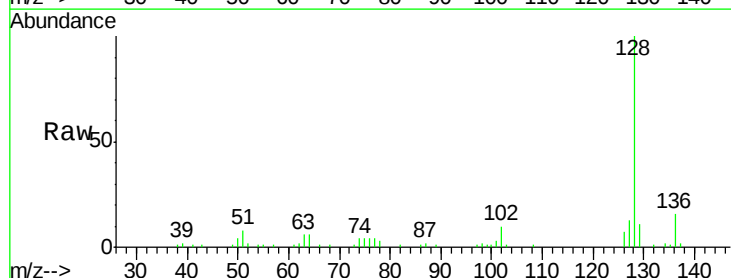
Tgt Ion: 128 Resp: 48026

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

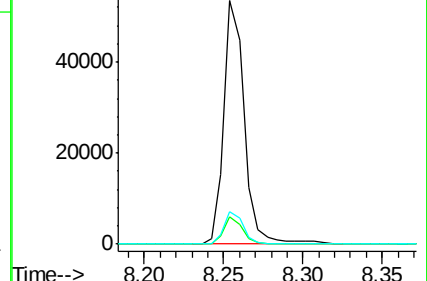
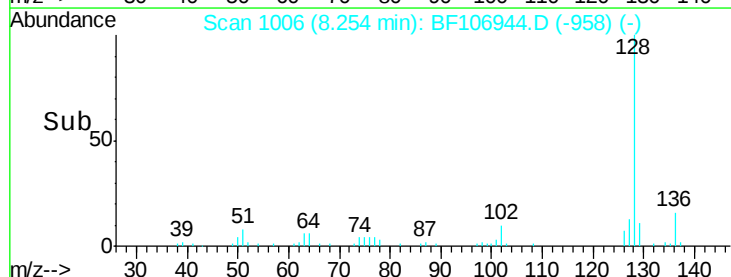
127 13.2 10.9 16.3

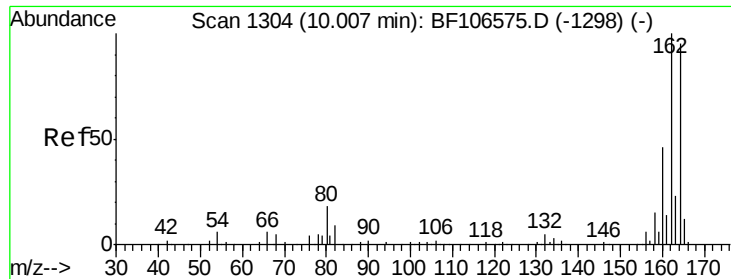


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

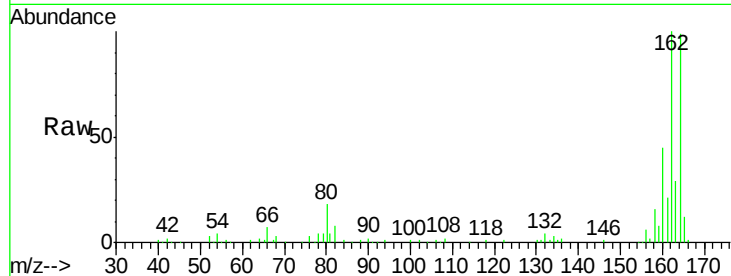




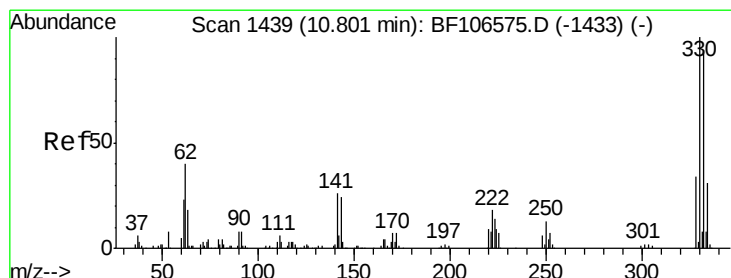
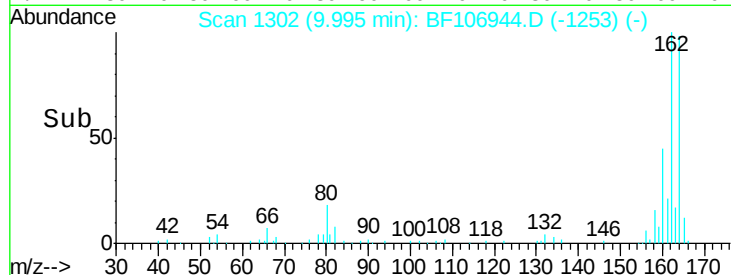
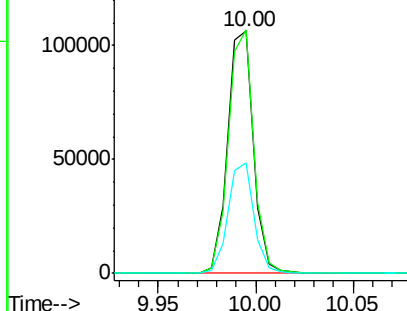
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tgt Ion:164 Resp: 97608
 Ion Ratio Lower Upper
 164 100
 162 100.5 86.1 129.1
 160 45.7 38.3 57.5

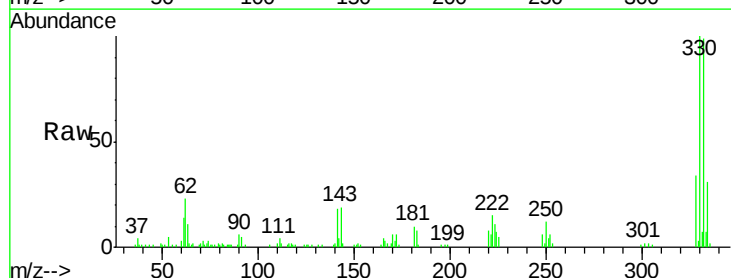


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

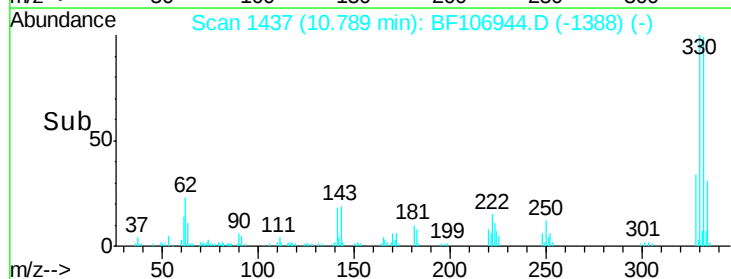
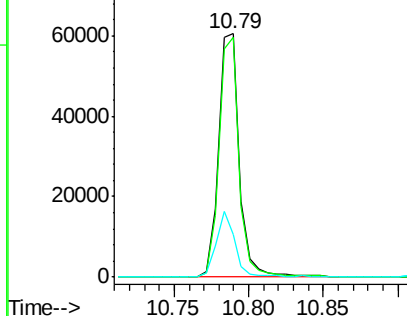


#41
 2,4,6-Tribromophenol
 Concen: 52.235 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Tgt Ion:330 Resp: 59094
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 24.2 29.9 44.9#



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

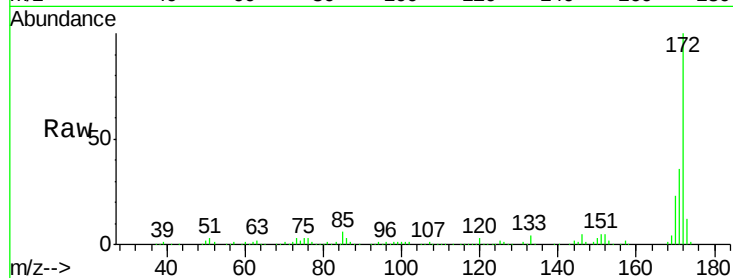




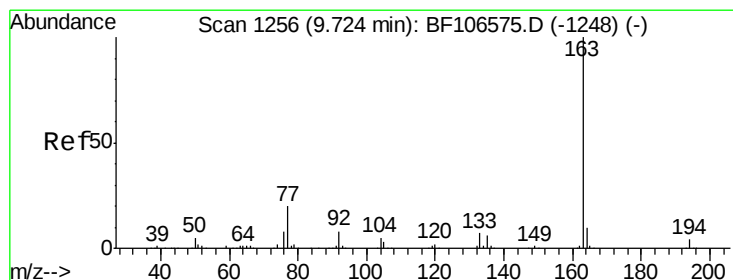
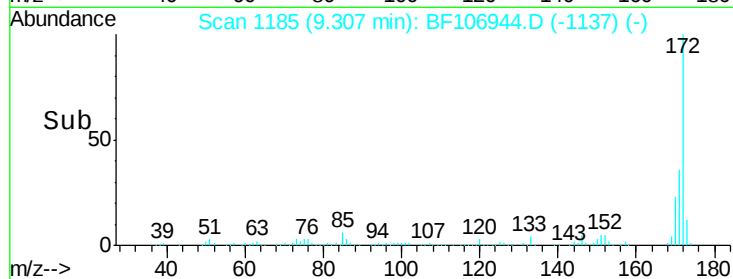
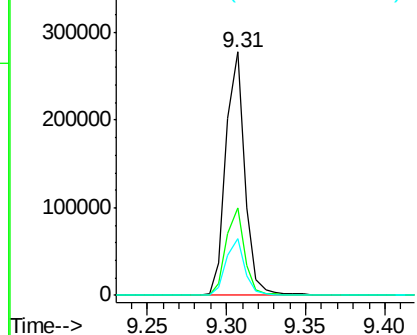
#44
 2-Fluorobiphenyl
 Concen: 30.788 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tgt Ion:172 Resp: 231799
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.5 19.6 29.4

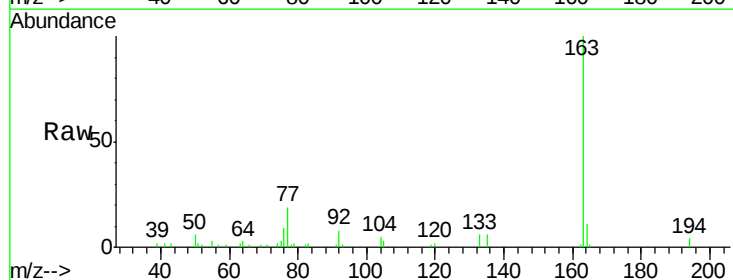


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

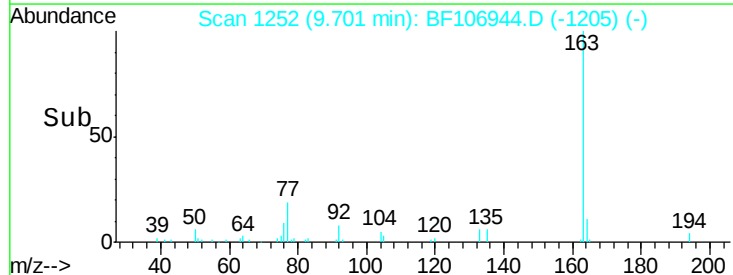
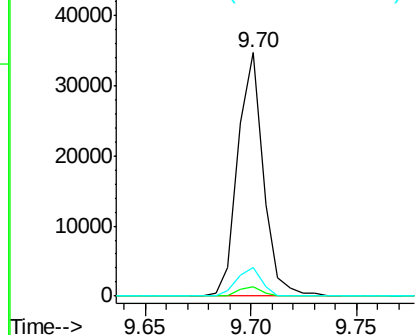


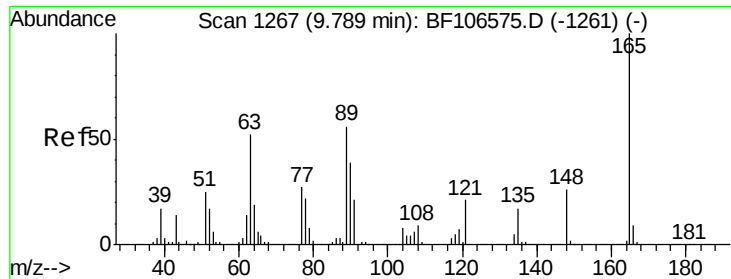
#49
 Dimethylphthalate
 Concen: 3.925 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Tgt Ion:163 Resp: 28736
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 11.5 8.2 12.2



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

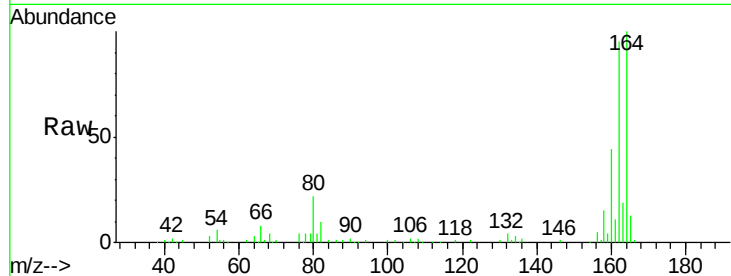




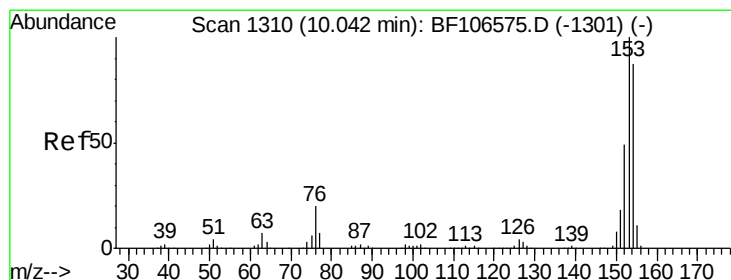
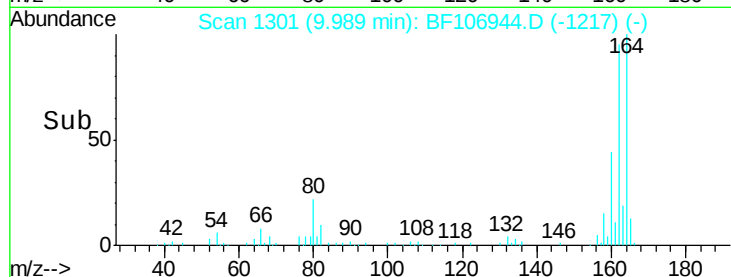
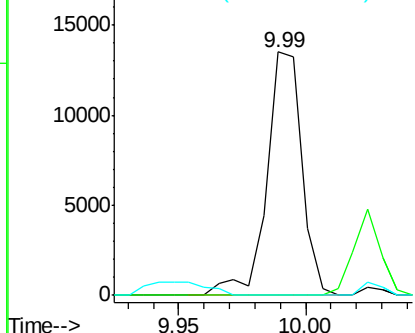
#50
2,6-Dinitrotoluene
Concen: 8.501 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Instrument :
BNA_F
ClientSampleId :
TP-3-D

Tgt Ion:165 Resp: 13178
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

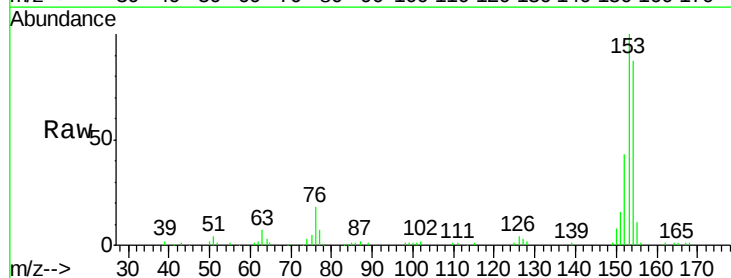


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

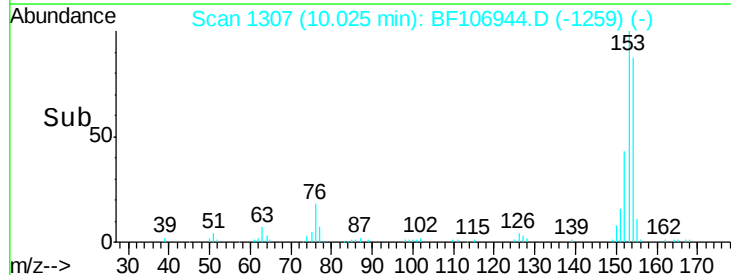
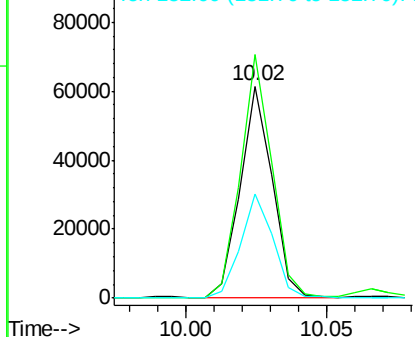


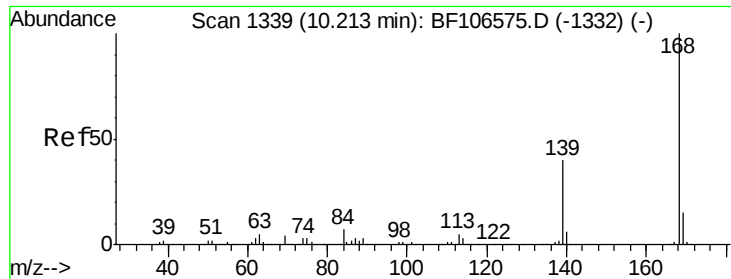
#51
Acenaphthene
Concen: 7.952 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Tgt Ion:154 Resp: 48408
Ion Ratio Lower Upper
154 100
153 114.9 91.2 136.8
152 49.1 43.8 65.8



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

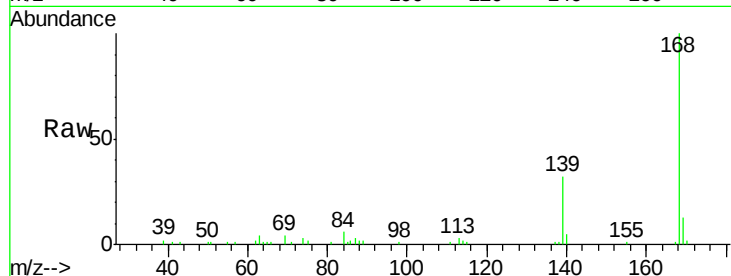




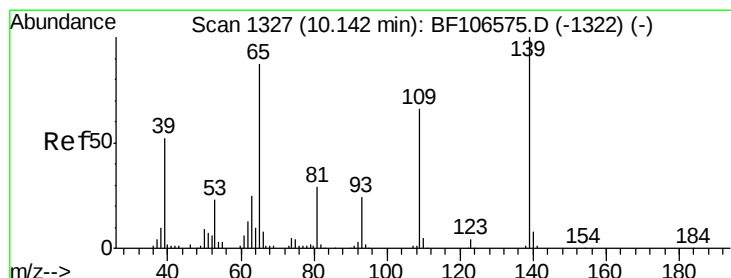
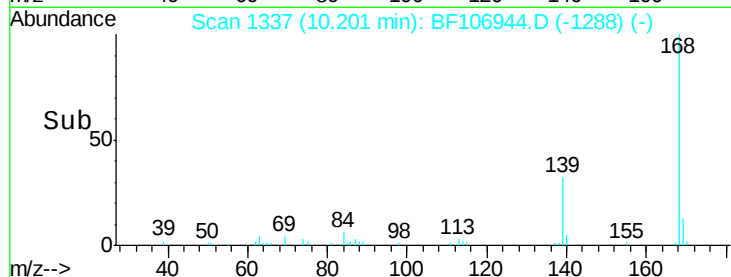
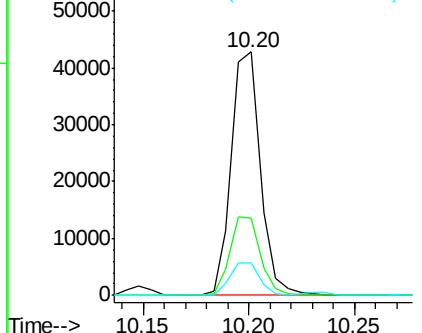
#54
Dibenzenofuran
Concen: 4.898 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Instrument :
BNA_F
ClientSampled :
TP-3-D

Tgt Ion:168 Resp: 40830
Ion Ratio Lower Upper
168 100
139 31.8 30.1 45.1
169 13.1 10.9 16.3

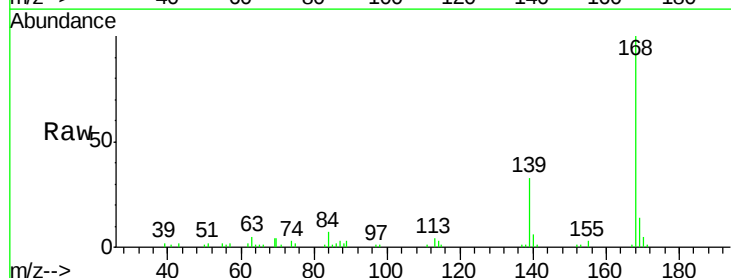


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

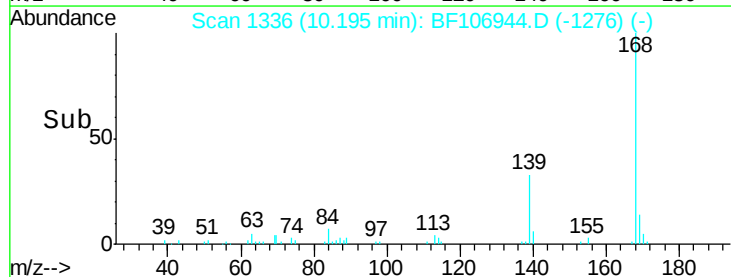
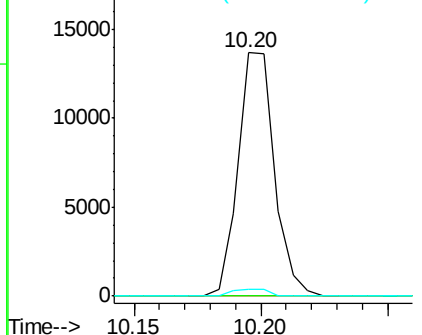


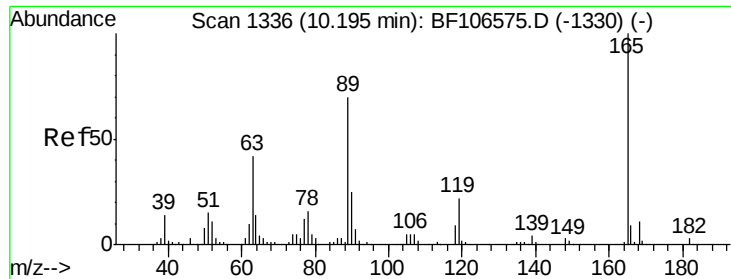
#55
4-Nitrophenol
Concen: 10.946 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Tgt Ion:139 Resp: 13630
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 2.7 72.6 112.6#



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

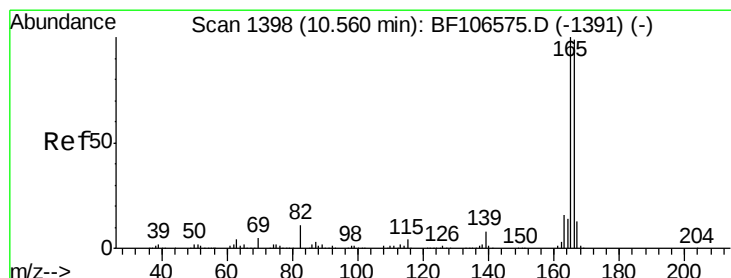
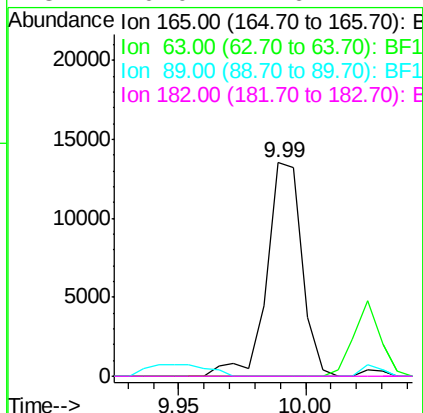
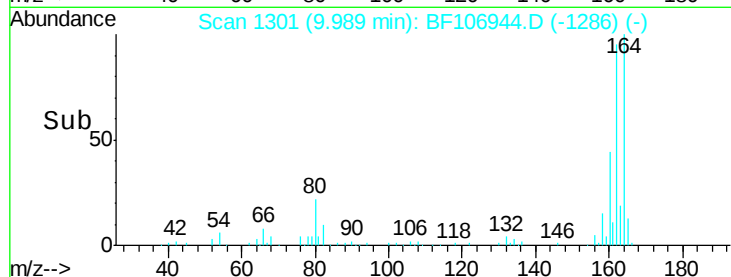
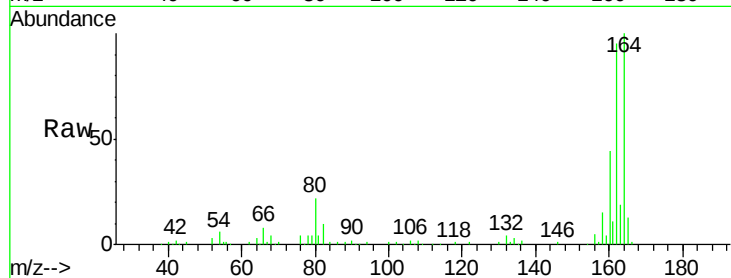




#56
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

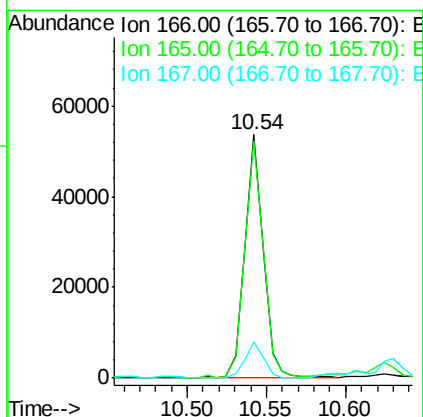
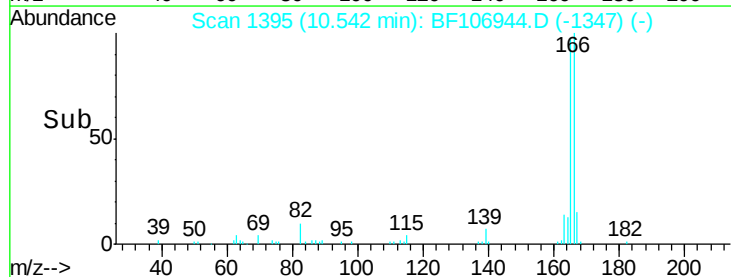
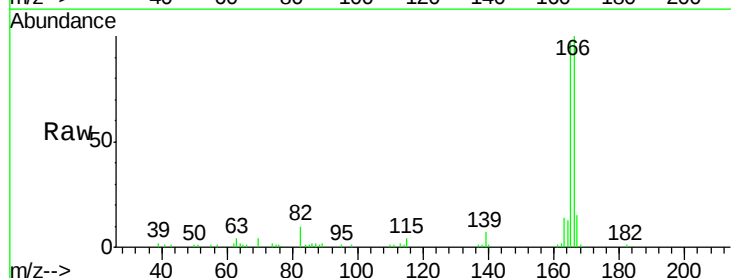
Instrument :
BNA_F
ClientSampleId :
TP-3-D

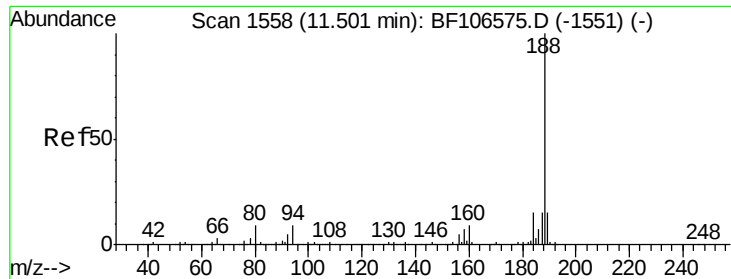
Tgt Ion:	165	Resp:	13178
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 6.586 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Tgt Ion:	166	Resp:	43565
Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	14.6	10.6	16.0

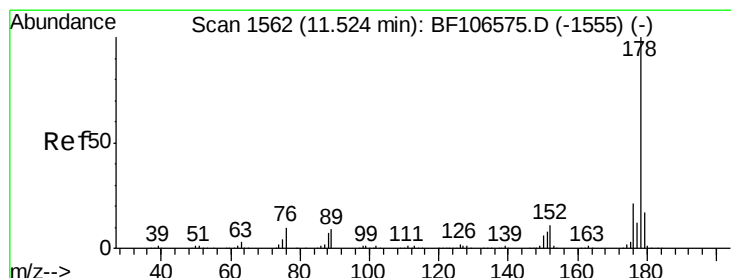
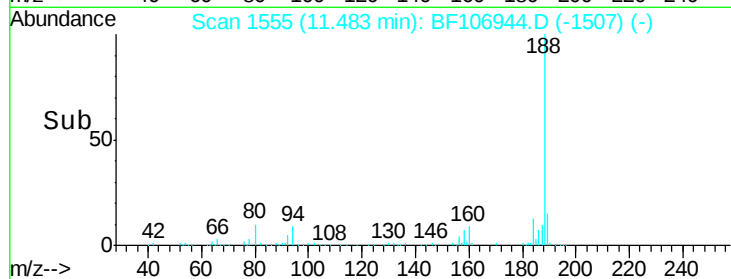
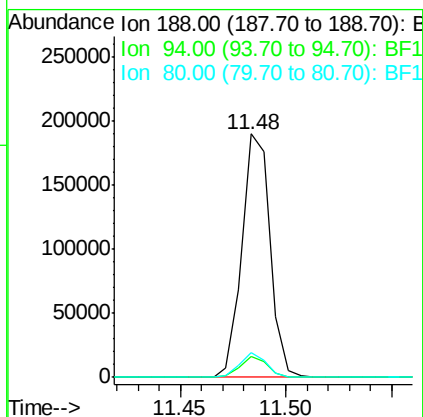
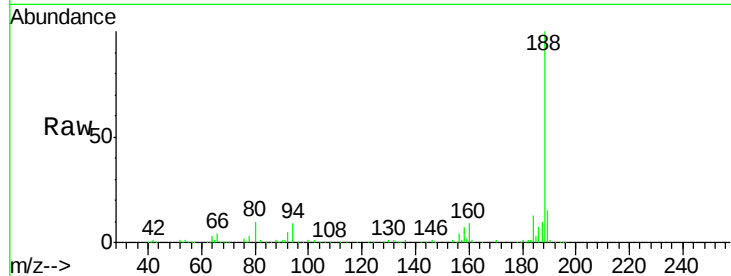




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

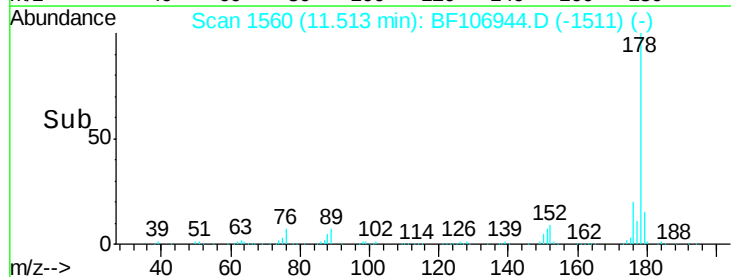
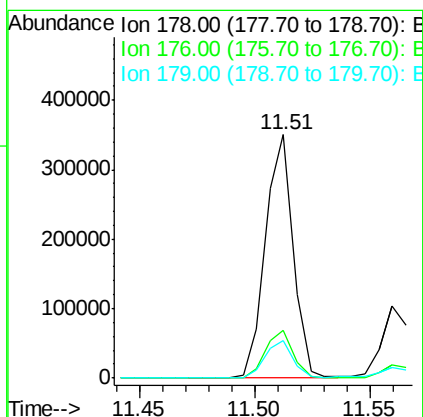
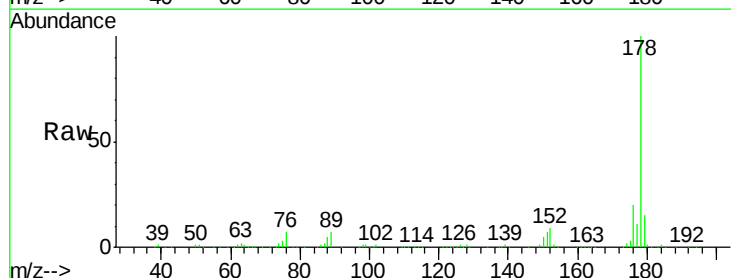
Instrument :
BNA_F
ClientSampled :
TP-3-D

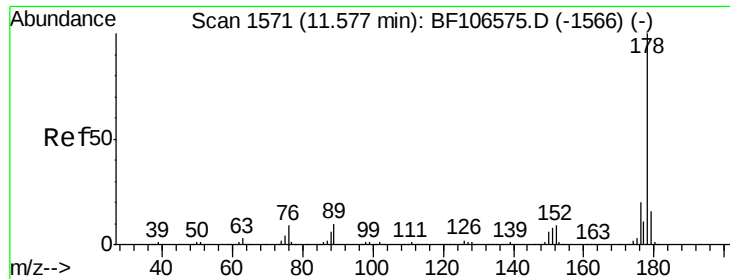
Tgt Ion:188 Resp: 175642
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 10.1 9.2 13.8



#70
Phenanthrene
Concen: 34.803 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Tgt Ion:178 Resp: 294833
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.3 13.0 19.6

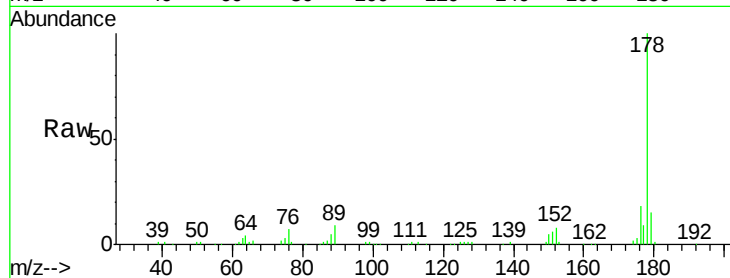




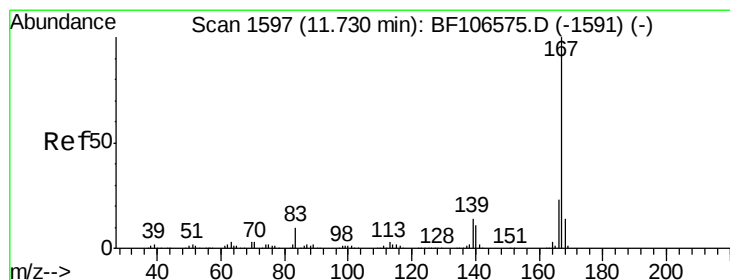
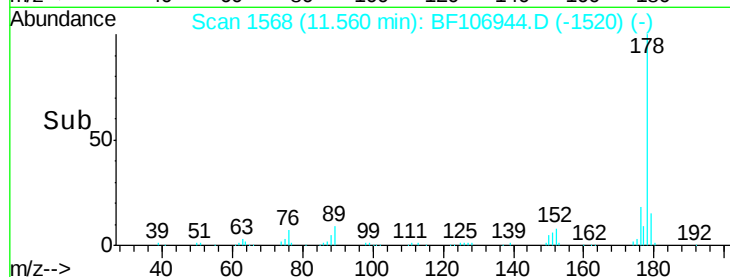
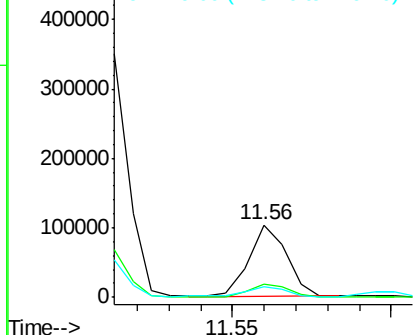
#71
 Anthracene
 Concen: 9.895 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-D

Tgt Ion:178 Resp: 85562
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.4 23.2
 179 14.9 12.6 19.0

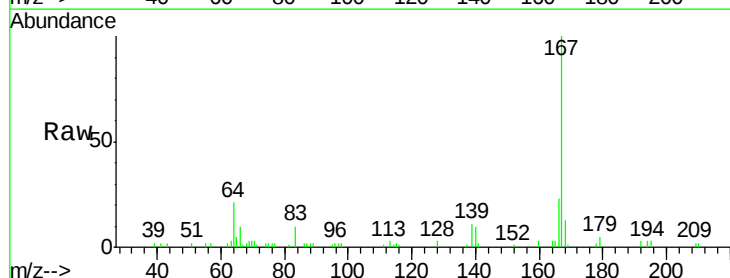


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

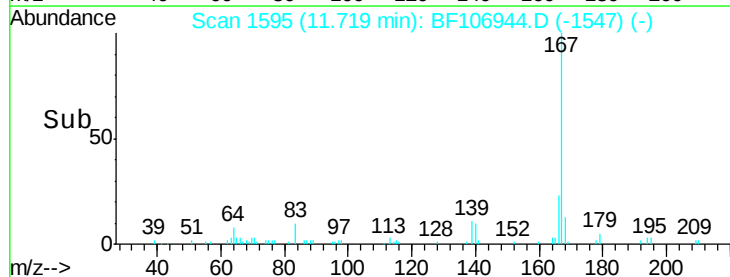
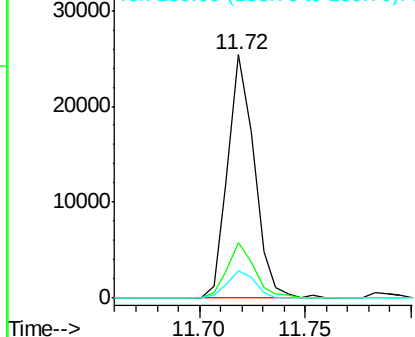


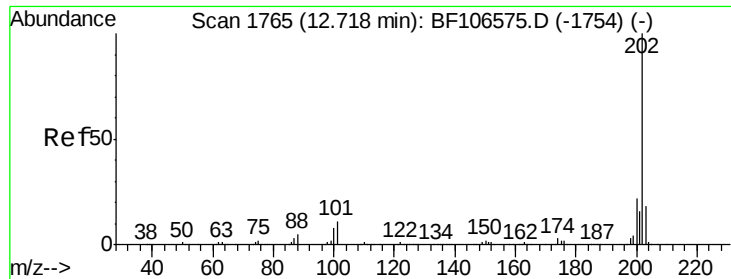
#72
 Carbazole
 Concen: 2.734 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF106944.D
 Acq: 29 Jun 2018 1:50

Tgt Ion:167 Resp: 22133
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 11.3 10.9 16.3



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: 43.665 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D

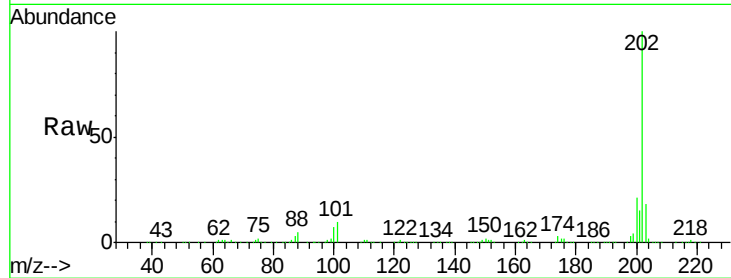
Tgt Ion: 202 Resp: 407719

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.1

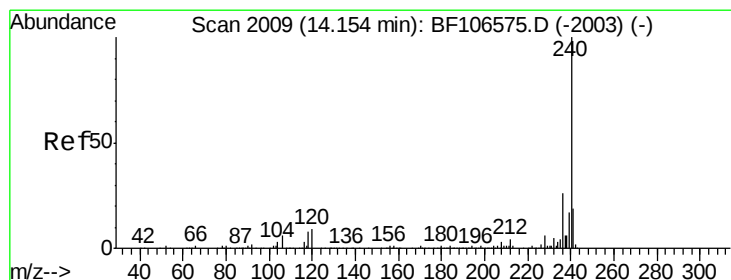
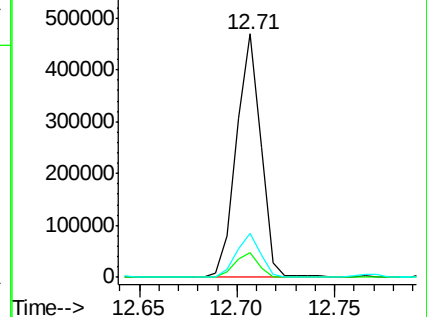
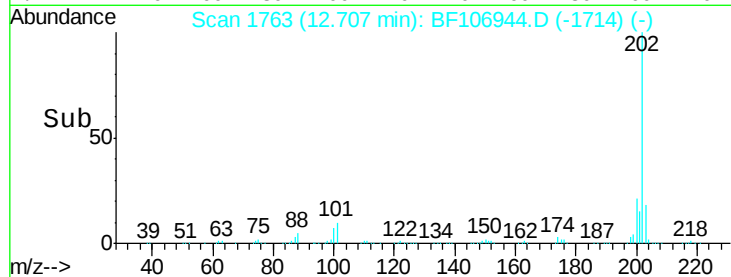
203 17.9 0.0 38.1



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: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

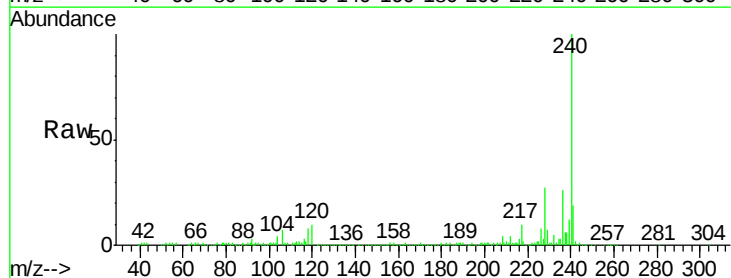
Tgt Ion: 240 Resp: 217459

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

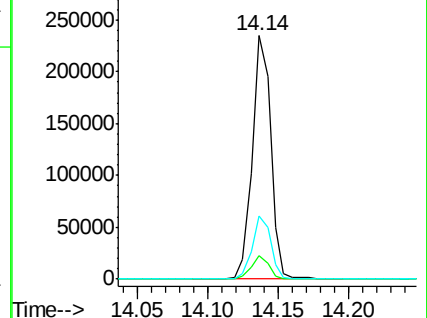
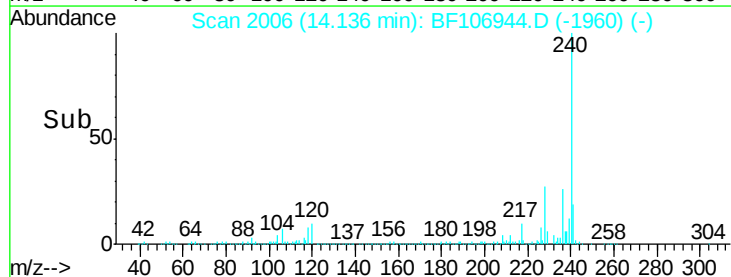
236 25.9 20.7 31.1

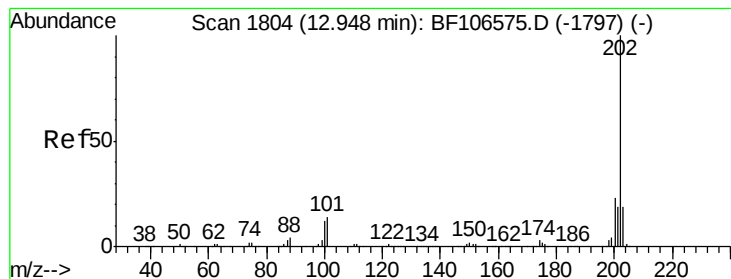


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 26.613 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Instrument :

BNA_F

ClientSampled :

TP-3-D

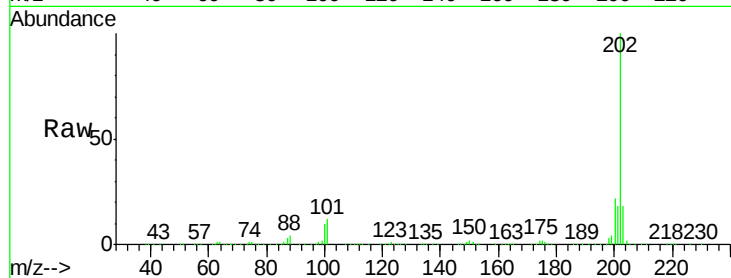
Tgt Ion: 202 Resp: 381626

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

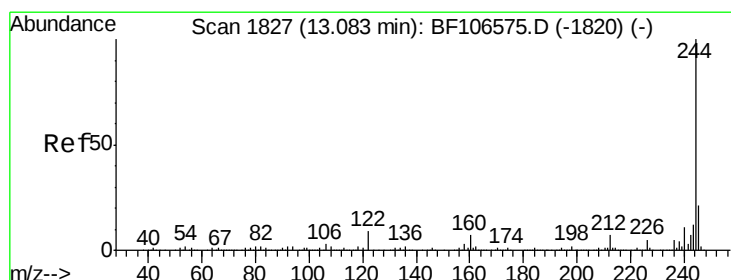
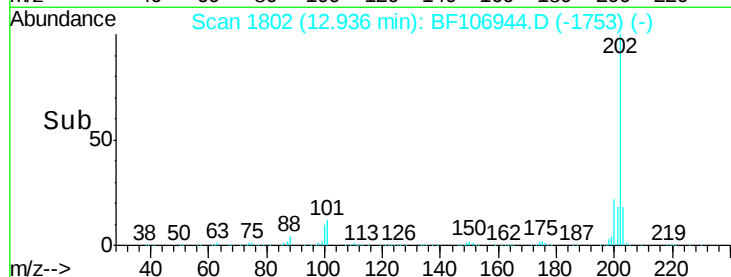
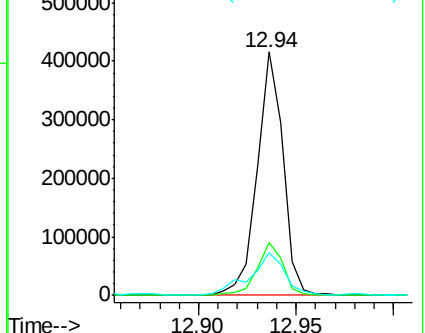
203 17.8 14.3 21.5



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: 28.492 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

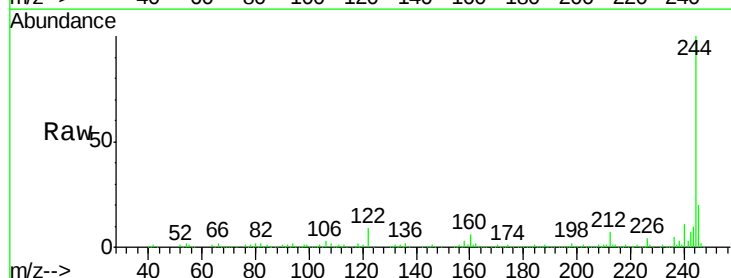
Tgt Ion: 244 Resp: 255787

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

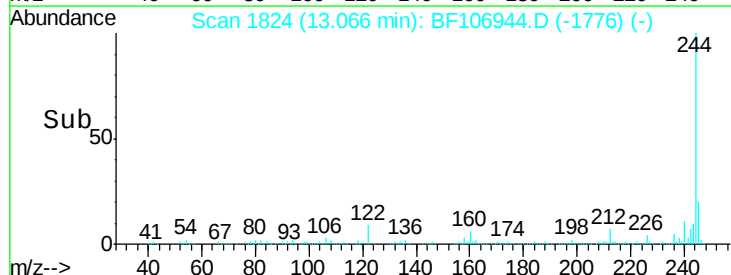
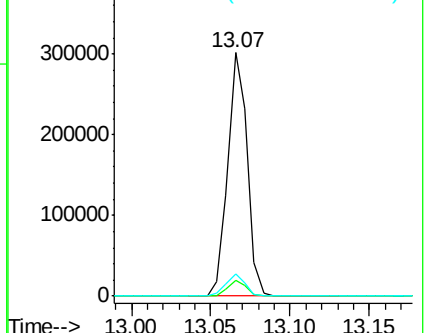
122 9.3 11.0 16.4#

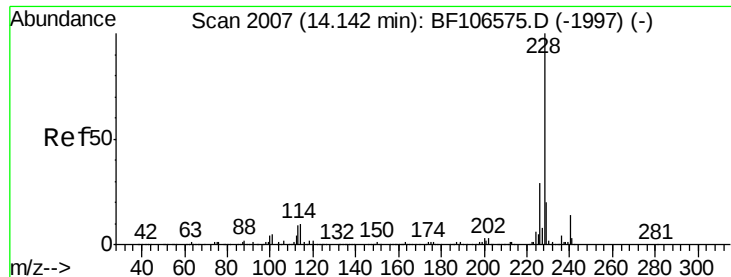


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 15.719 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.03 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

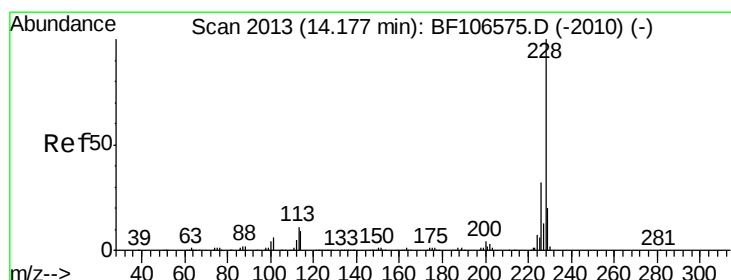
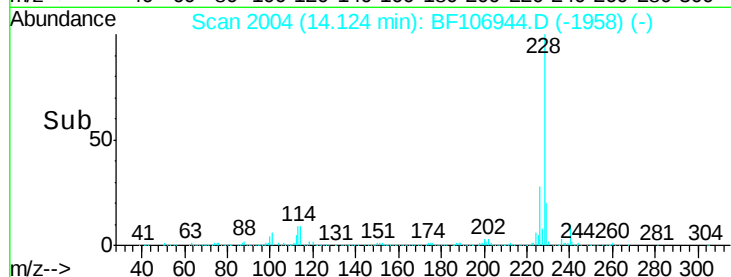
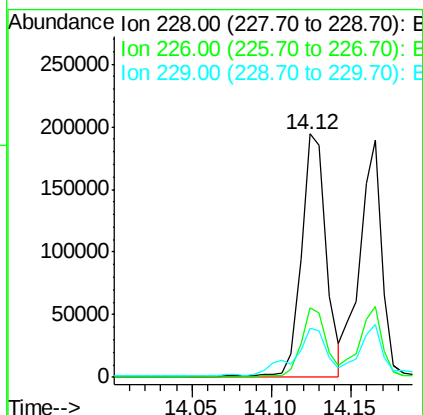
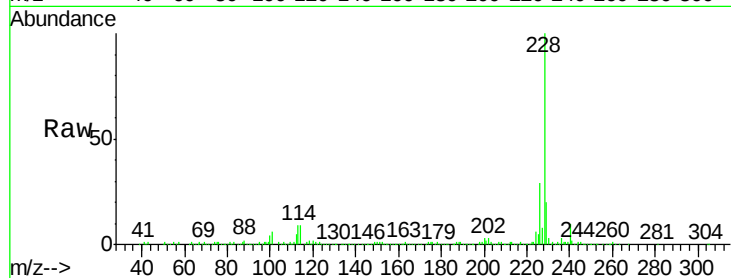
Instrument :

BNA_F

ClientSampleId :

TP-3-D

Tgt Ion:	228	Resp:	208327
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.4	15.8	23.6



#82

Chrysene

Concen: 15.297 ng

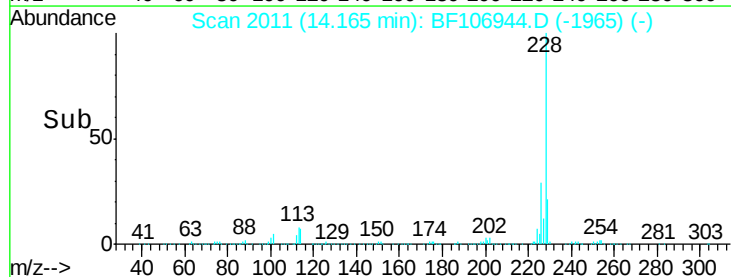
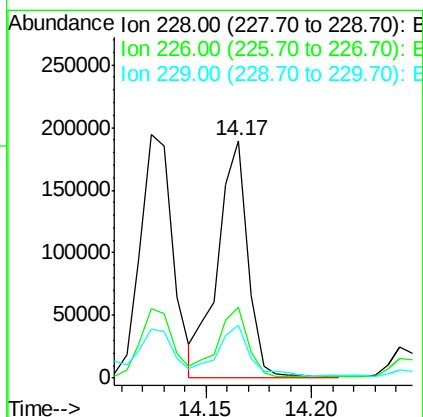
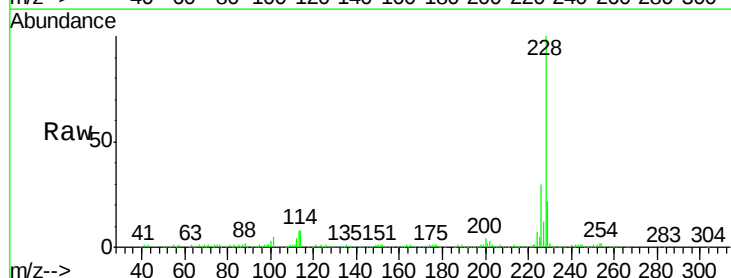
RT: 14.17 min Scan# 2011

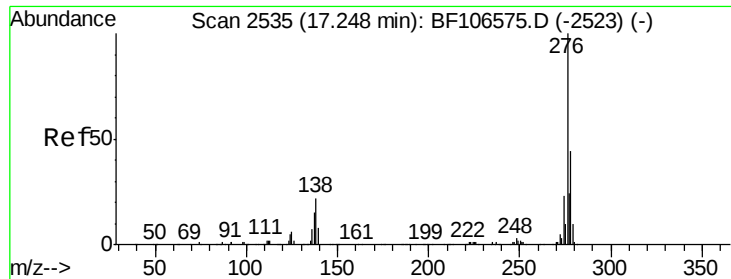
Delta R.T. -0.03 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Tgt Ion:	228	Resp:	186519
Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	22.1	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.278 ng

RT: 17.24 min Scan# 2534

Delta R.T. -0.06 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D

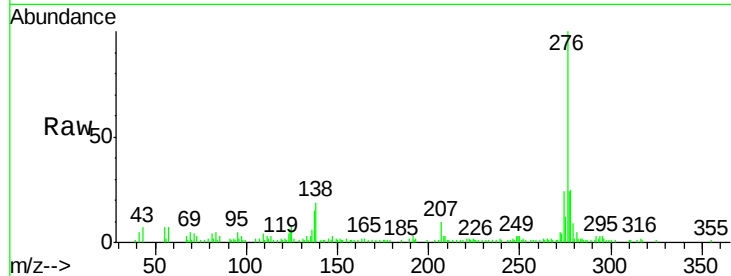
Tgt Ion:276 Resp: 64966

Ion Ratio Lower Upper

276 100

138 20.2 25.0 37.6#

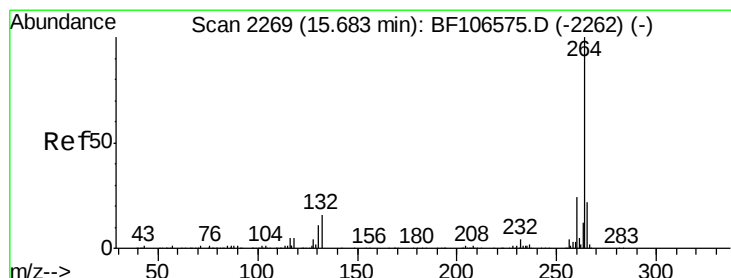
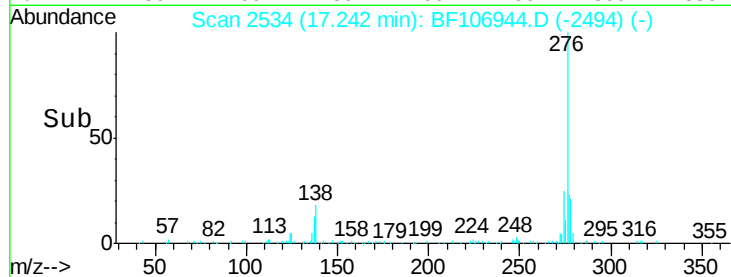
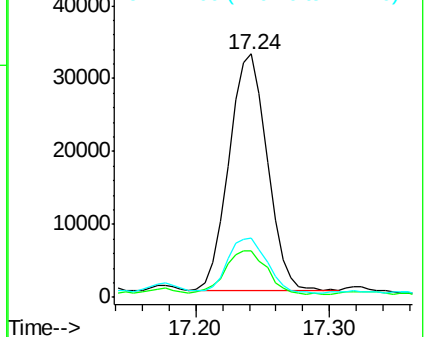
277 24.0 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

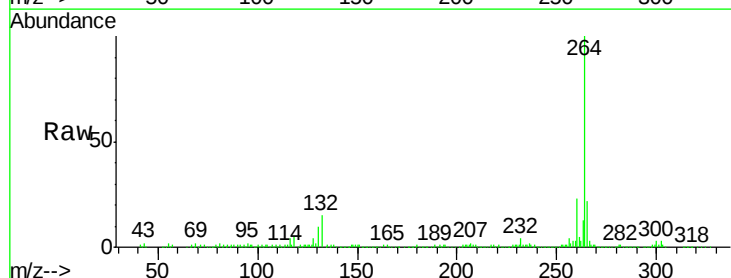
Tgt Ion:264 Resp: 188938

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

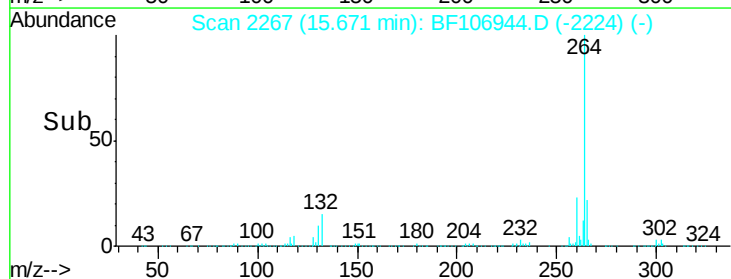
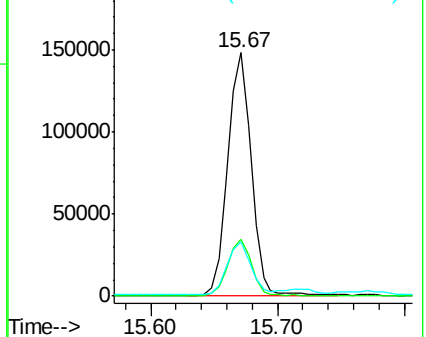
265 22.2 17.5 26.3

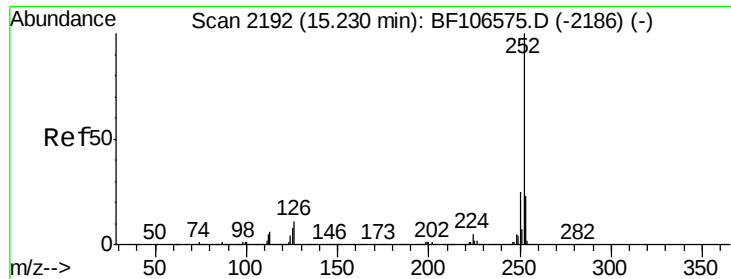


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

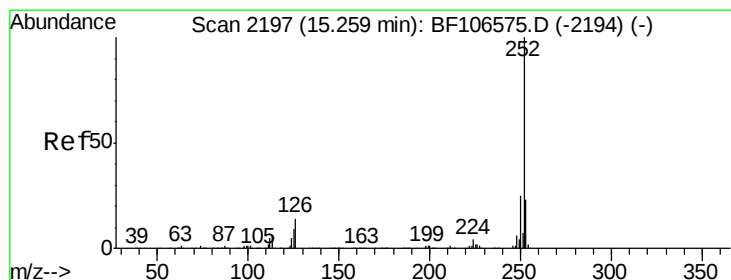
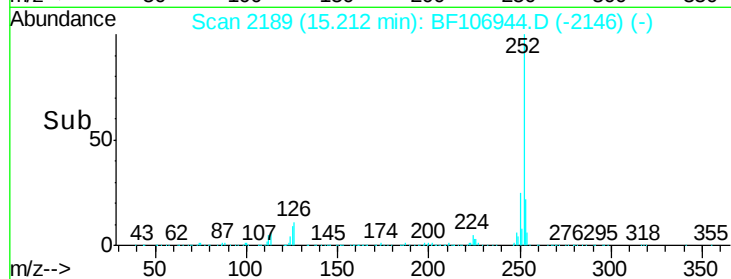
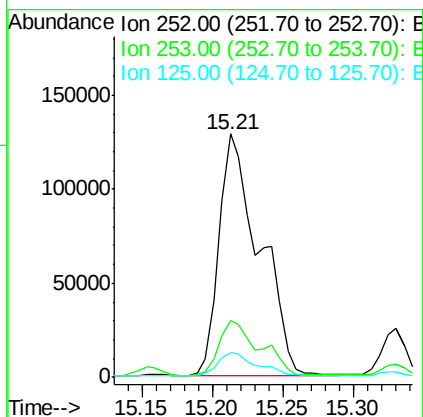
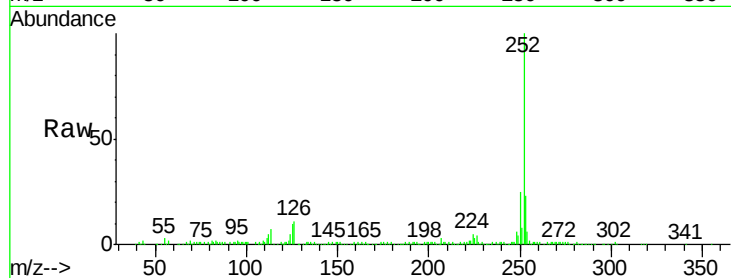




#87
Benzo(b)fluoranthene
Concen: 22.207 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

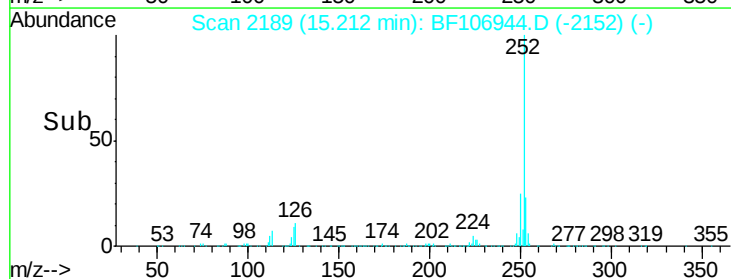
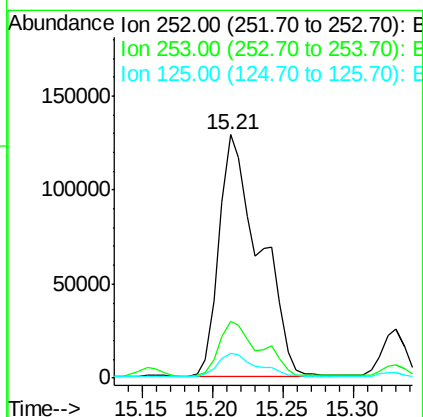
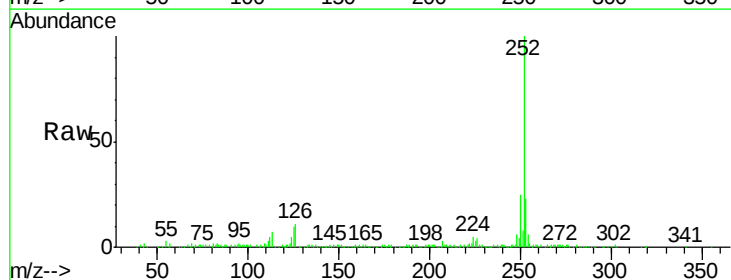
Instrument :
BNA_F
ClientSampleId :
TP-3-D

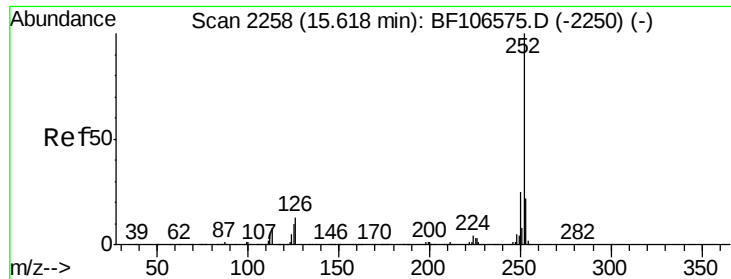
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 23.320 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.08 min
Lab File: BF106944.D
Acq: 29 Jun 2018 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.0	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 9.117 ng

RT: 15.54 min Scan# 2244

Delta R.T. -0.12 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

Instrument :

BNA_F

ClientSampleId :

TP-3-D

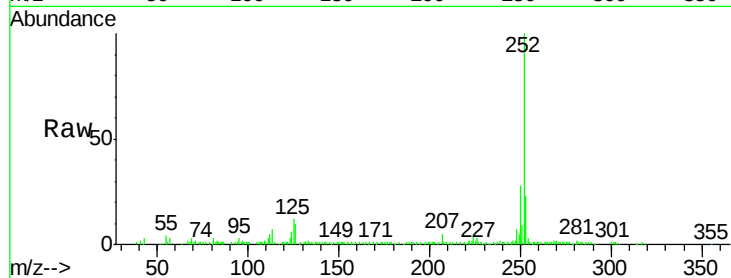
Tgt Ion:252 Resp: 95122

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

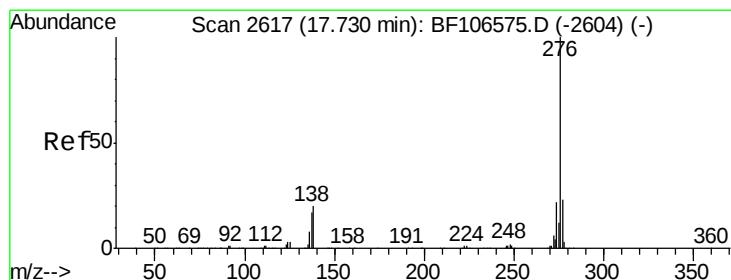
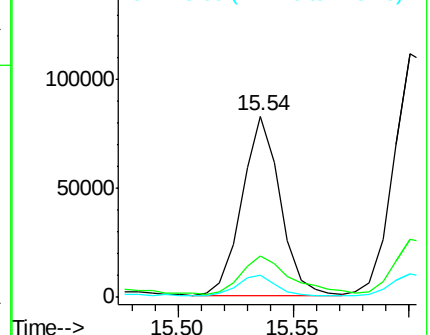
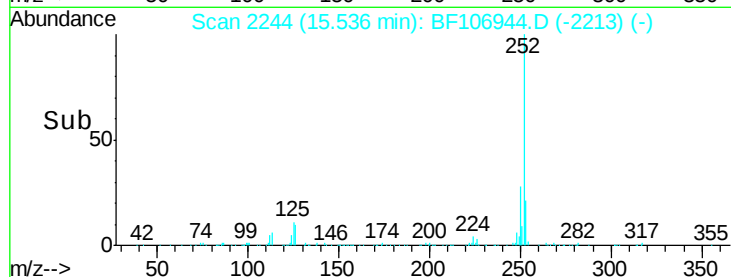
125 12.1 9.8 14.6



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

Benzo(g,h,i)perylene

Concen: 8.551 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.06 min

Lab File: BF106944.D

Acq: 29 Jun 2018 1:50

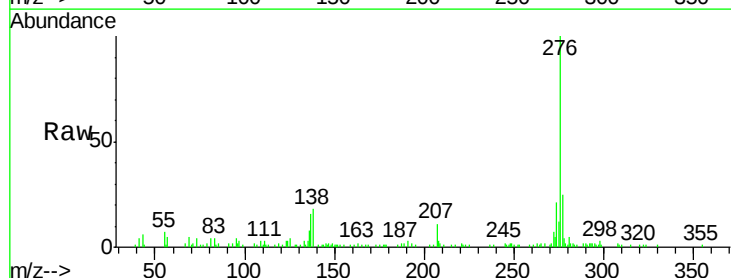
Tgt Ion:276 Resp: 73904

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 17.6 21.8 32.8#



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

