

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107268.D
 Acq On : 10 Jul 2018 13:15
 Operator : JU/SJ
 Sample : J3879-15RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8RE

Quant Time: Jul 10 15:43:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

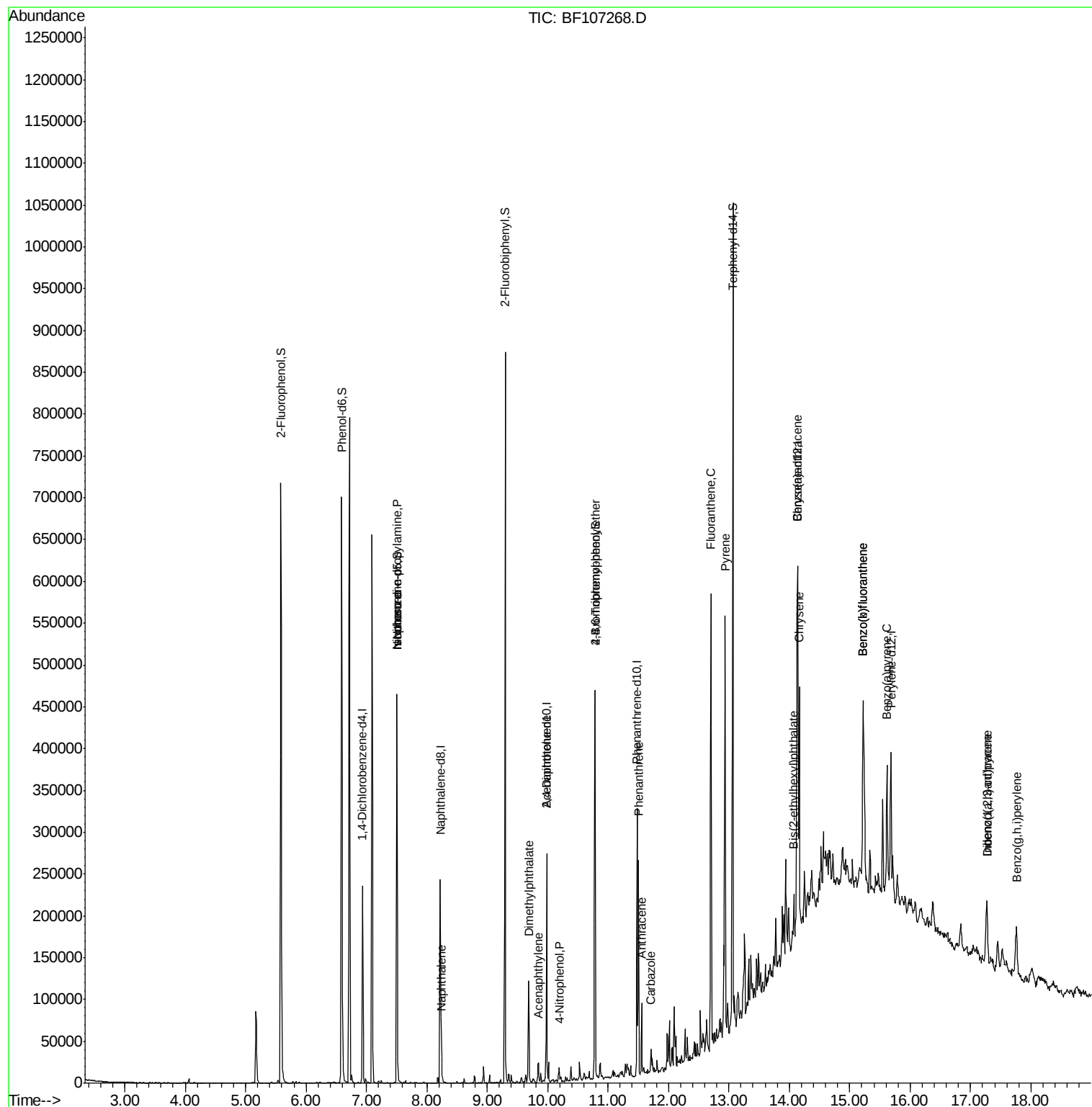
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	36360	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	123079	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	54851	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	116259	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	121356	20.00	ng	-0.02
86) Perylene-d12	15.68	264	93670	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	216568	100.86	ng	-0.02
7) Phenol-d6	6.59	99	257748	96.12	ng	-0.02
23) Nitrobenzene-d5	7.51	82	158811	71.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	70686	111.19	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	272220	83.79	ng	-0.03
78) Terphenyl-d14	13.07	244	371643	74.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	20351	11.514	ng	Qvalue # 74
25) Isophorone	7.51	82	158809	40.693	ng	# 64
31) Naphthalene	8.24	128	12247	2.128	ng	97
48) Acenaphthylene	9.85	152	11707	2.155	ng	98
49) Dimethylphthalate	9.69	163	51042	12.407	ng	100
55) 4-Nitrophenol	10.19	139	2413	3.449	ng	# 9
56) 2,4-Dinitrotoluene	9.98	165	7464	6.564	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	4297	3.097	ng	# 1
70) Phenanthrene	11.50	178	98377	17.544	ng	98
71) Anthracene	11.55	178	32001	5.591	ng	99
72) Carbazole	11.71	167	11391	2.126	ng	97
74) Fluoranthene	12.70	202	218396	35.336	ng	96
77) Pyrene	12.94	202	209631	26.195	ng	99
80) Benzo(a)anthracene	14.13	228	129461	17.503	ng	100
82) Chrysene	14.17	228	123809	18.195	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	15316	3.641	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.27	276	50415	8.731	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	181583	31.207	ng	96
88) Benzo(k)fluoranthene	15.22	252	181583	32.770	ng	# 97
89) Benzo(a)pyrene	15.62	252	89120	17.229	ng	96
90) Dibenzo(a,h)anthracene	17.27	278	14794	3.375	ng	# 87
91) Benzo(g,h,i)perylene	17.76	276	49071	11.452	ng	# 88

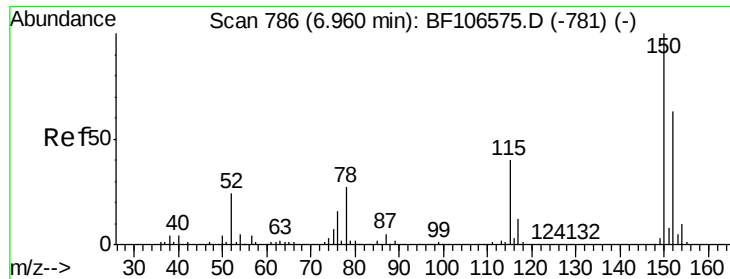
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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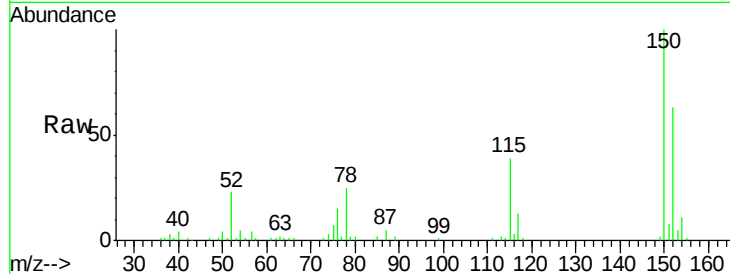


#1

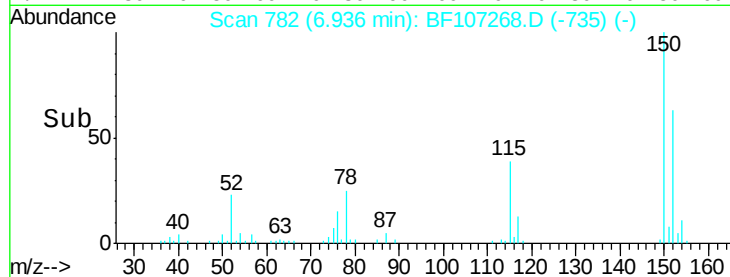
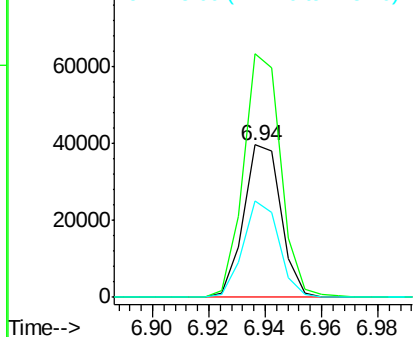
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8RE

Tgt Ion:152 Resp: 36360
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 62.8 50.1 75.1



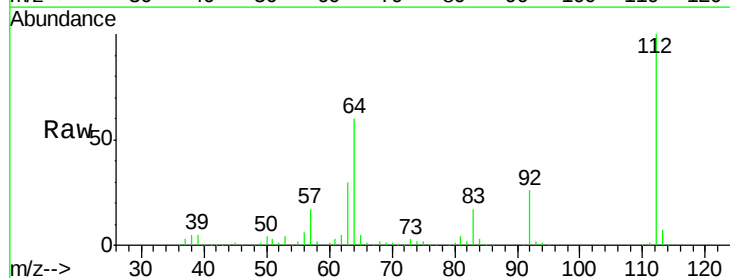
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



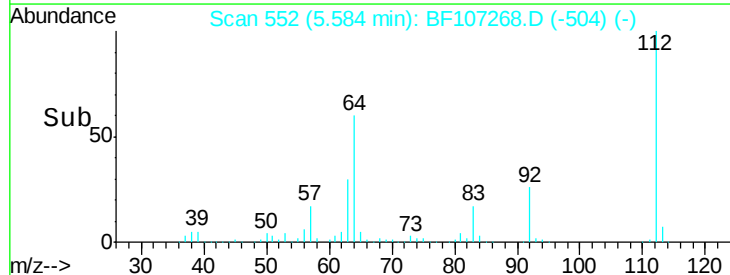
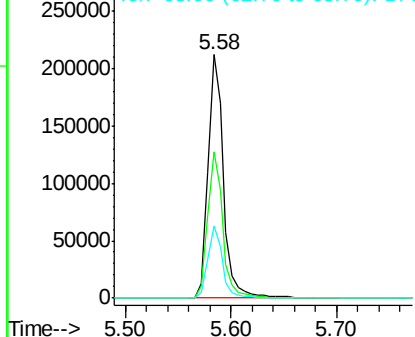
#5

2-Fluorophenol
Concen: 100.858 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Tgt Ion:112 Resp: 216568
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 29.8 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: 96.120 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8RE

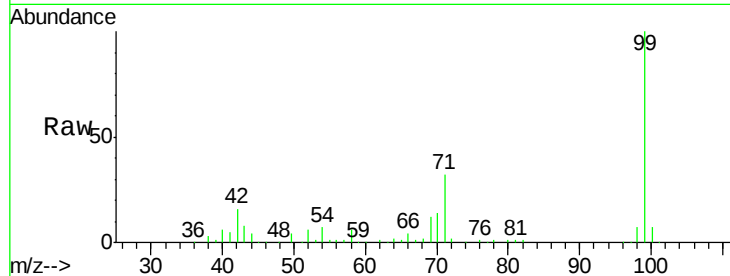
Tgt Ion: 99 Resp: 257748

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

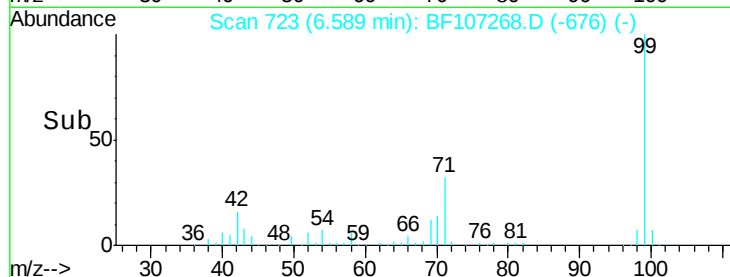
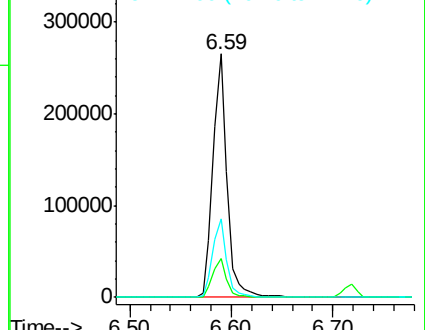
71 32.4 25.4 38.0



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: 11.514 ng

RT: 7.51 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

Tgt Ion: 70 Resp: 20351

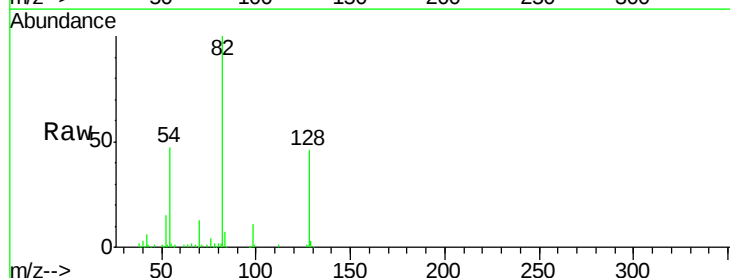
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

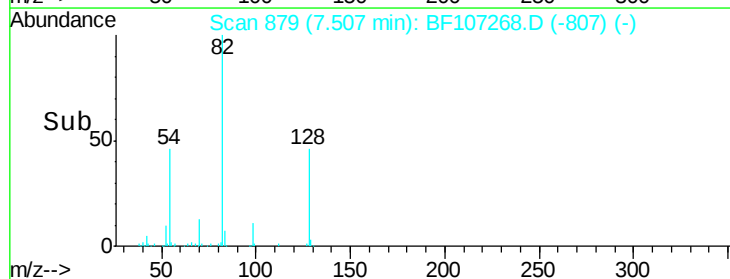
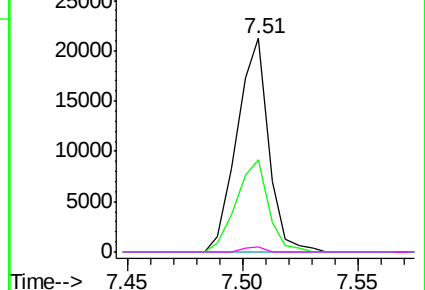


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

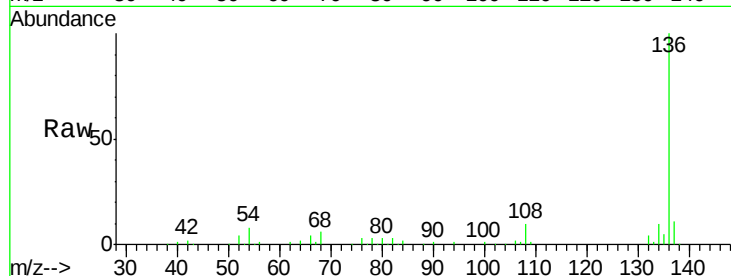




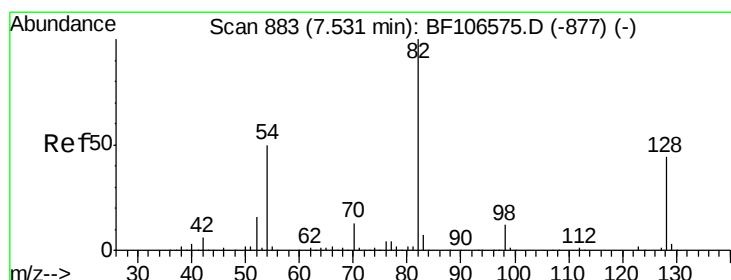
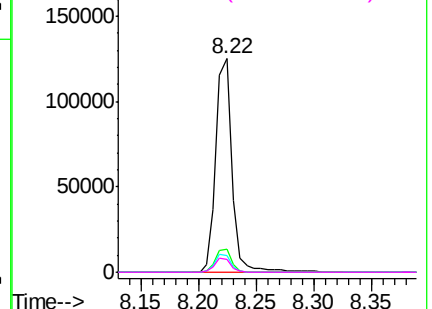
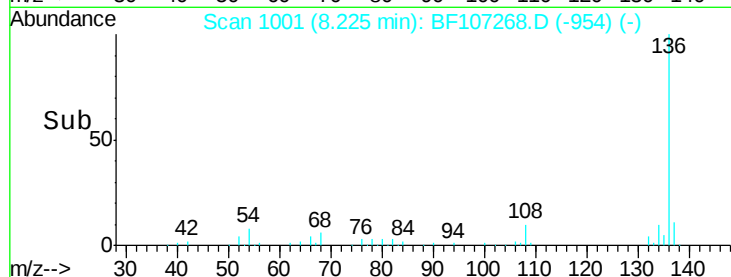
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8RE

Tgt Ion:	136	Resp:	123079
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	6.0	5.0	7.4

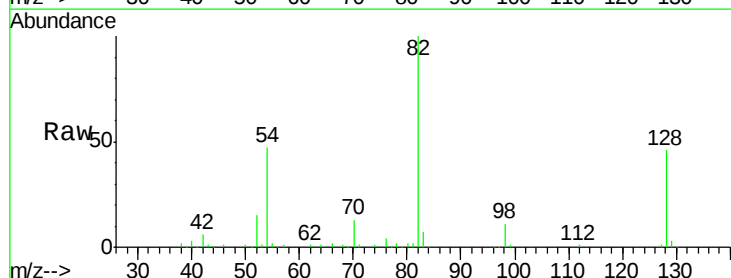


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

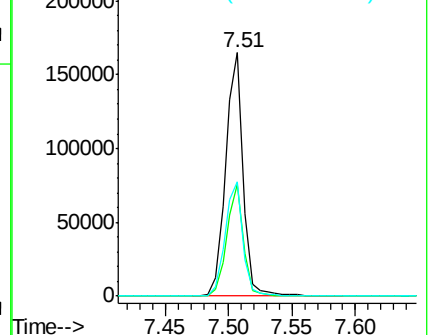
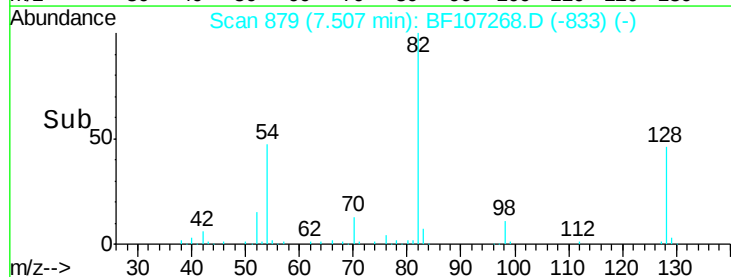


#23
Nitrobenzene-d5
Concen: 71.708 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Tgt Ion:	82	Resp:	158811
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	47.1	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: 40.693 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8RE

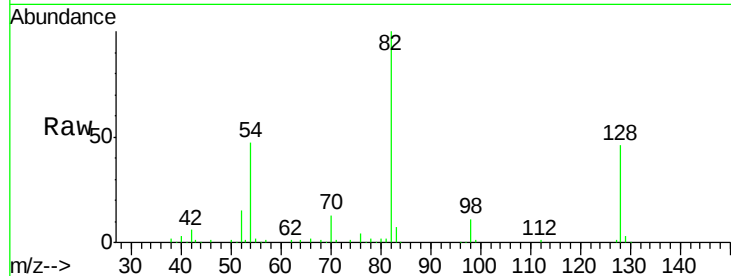
Tgt Ion: 82 Resp: 158809

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

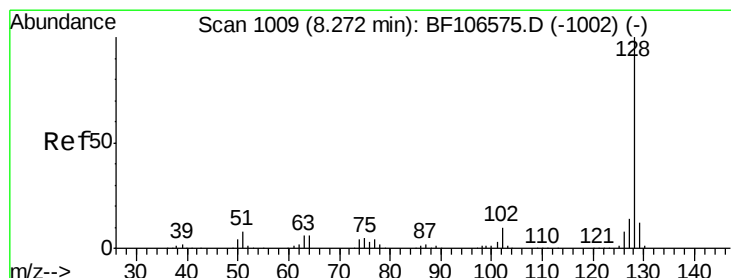
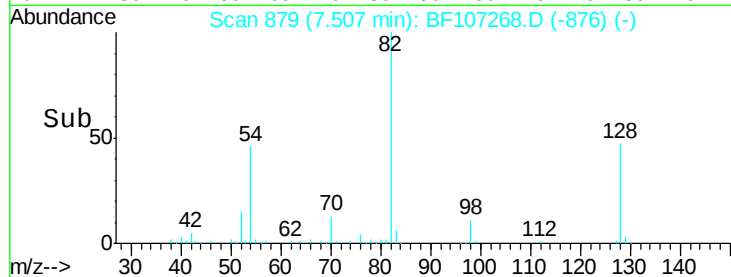
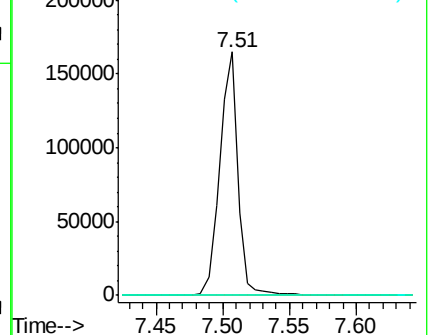
138 0.0 14.9 22.3#



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: 2.128 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

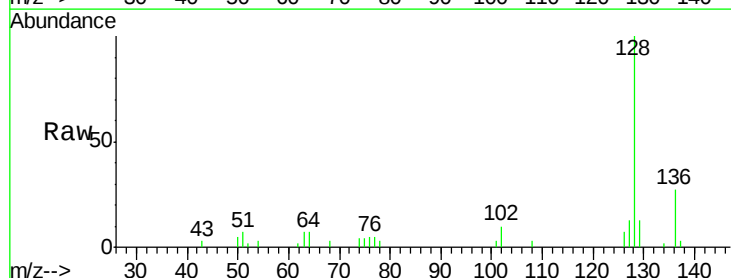
Tgt Ion: 128 Resp: 12247

Ion Ratio Lower Upper

128 100

129 12.8 8.8 13.2

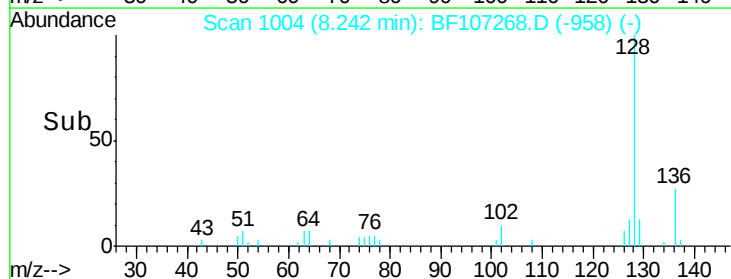
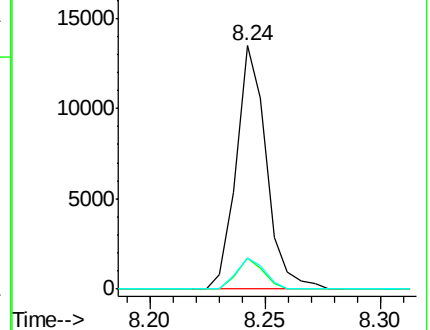
127 12.7 10.9 16.3

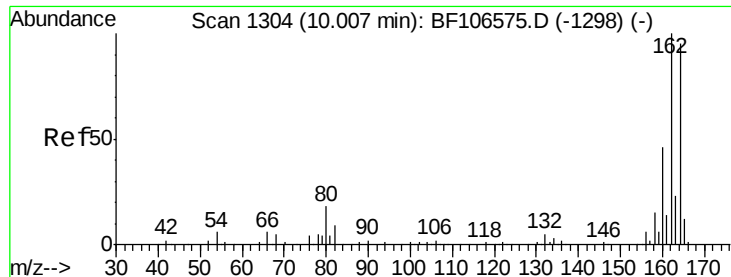


Abundance Ion 128.00 (127.70 to 128.70): E

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: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107268.D

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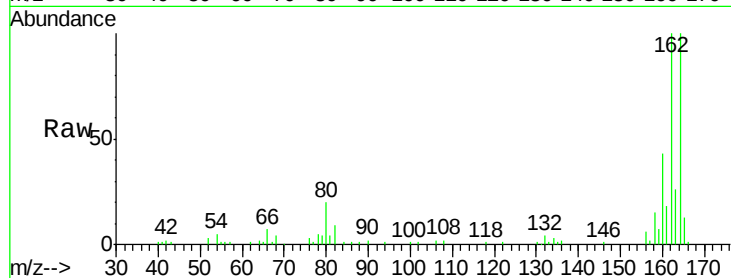
Tgt Ion:164 Resp: 54851

Ion Ratio Lower Upper

164 100

162 99.6 86.1 129.1

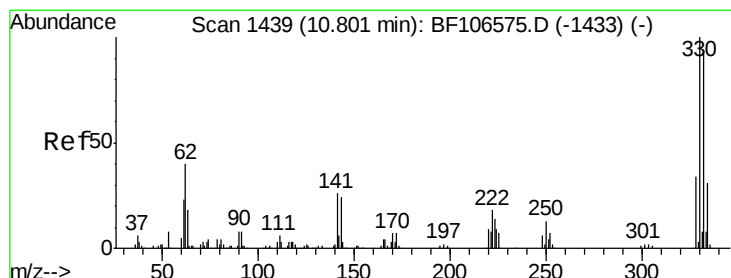
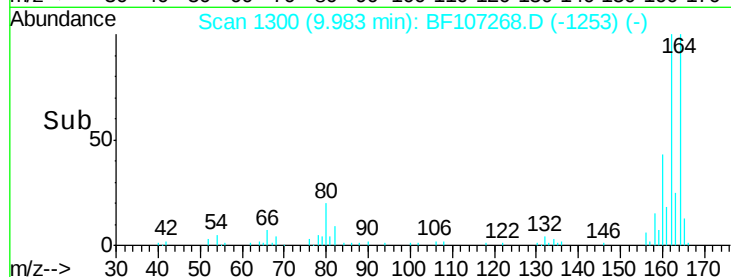
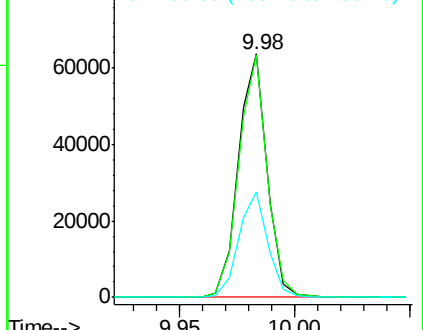
160 43.4 38.3 57.5



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: 111.187 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

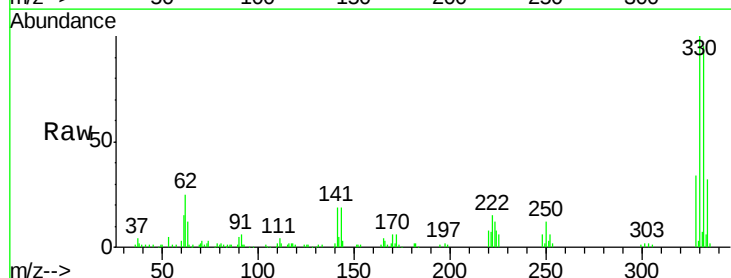
Tgt Ion:330 Resp: 70686

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

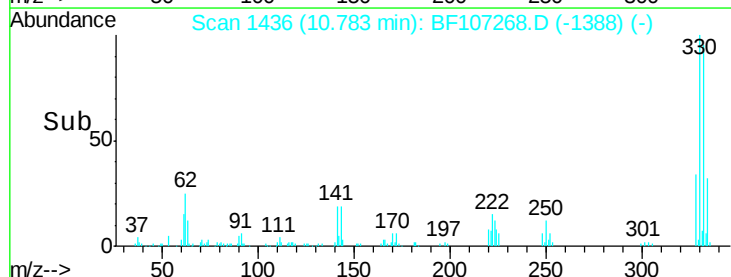
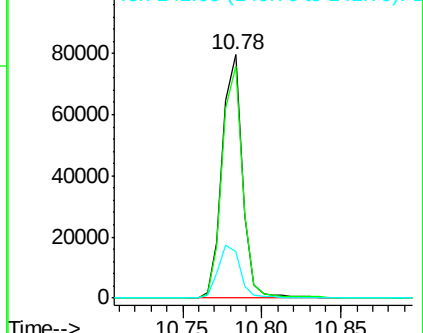
141 23.5 29.9 44.9#



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

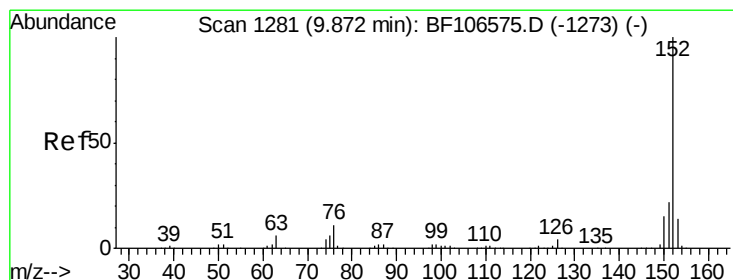
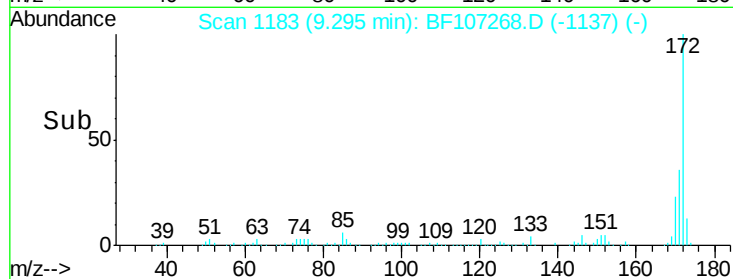
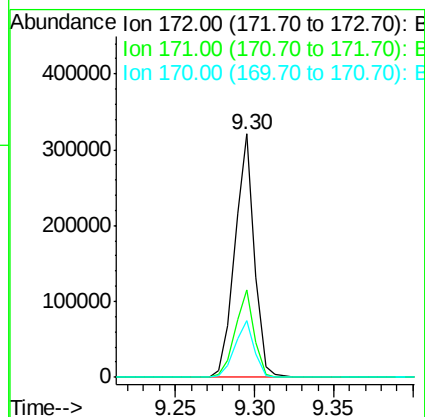
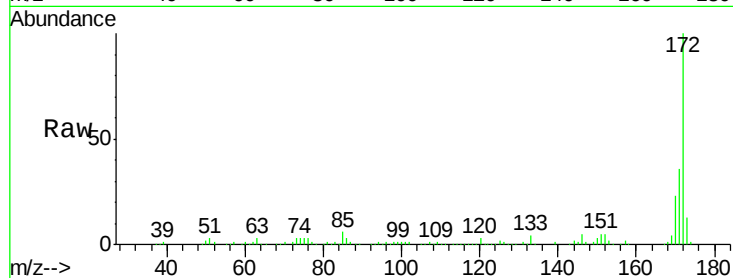




#44
 2-Fluorobiphenyl
 Concen: 83.794 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

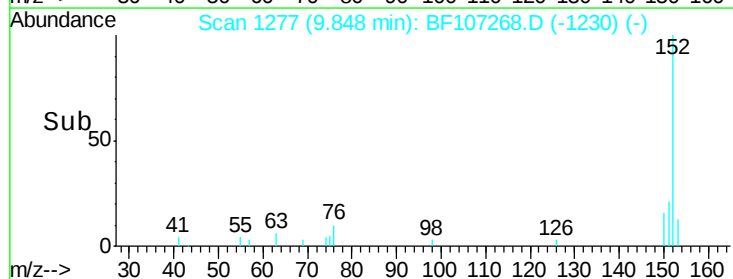
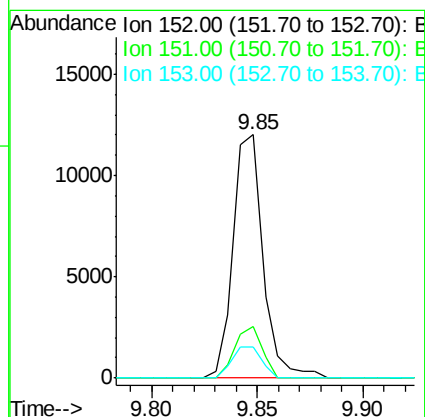
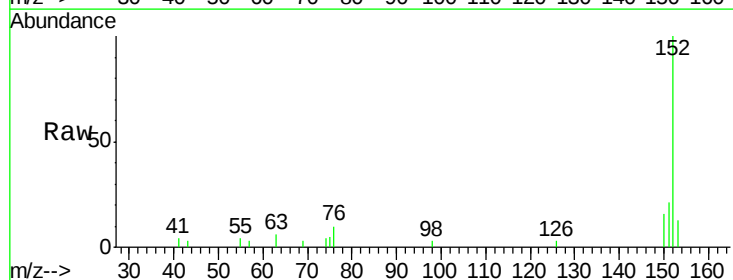
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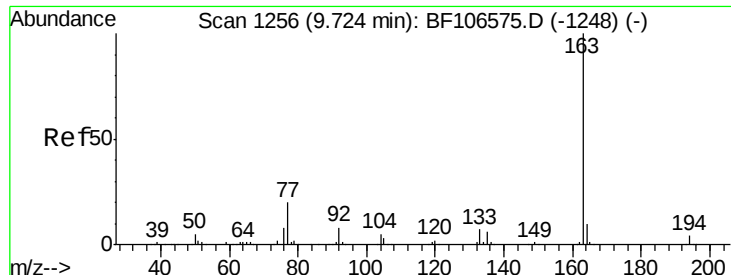
Tgt Ion:172 Resp: 272220
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.5 19.6 29.4



#48
 Acenaphthylene
 Concen: 2.155 ng
 RT: 9.85 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Tgt Ion:152 Resp: 11707
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.3 24.5
 153 12.8 10.7 16.1

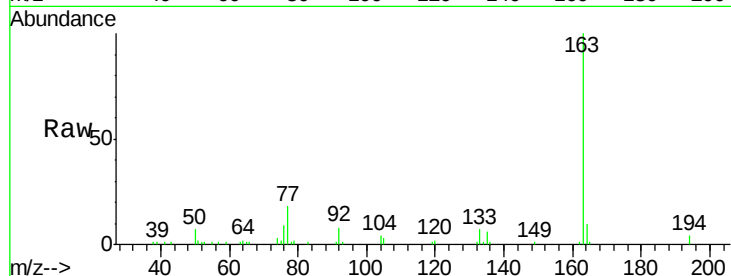




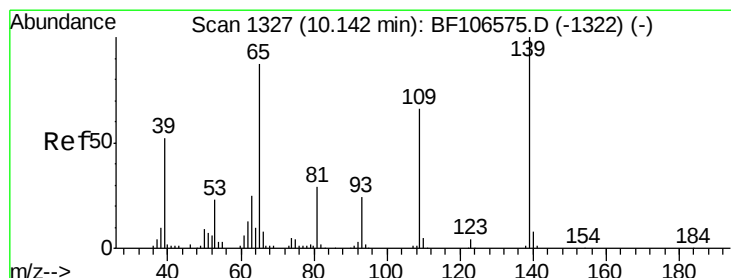
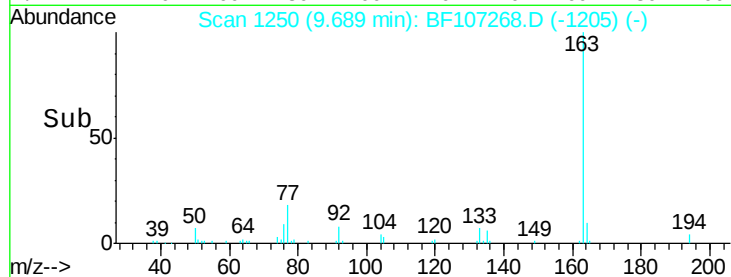
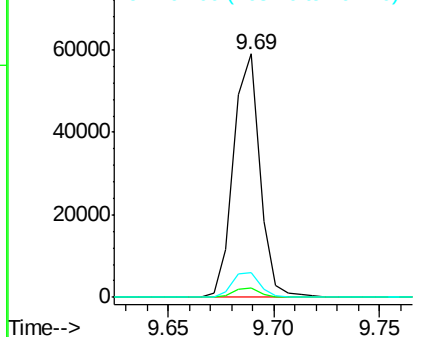
#49
 Dimethylphthalate
 Concen: 12.407 ng
 RT: 9.69 min Scan# 1250
 Delta R.T. -0.04 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8RE

Tgt Ion:163 Resp: 51042
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.3 8.2 12.2

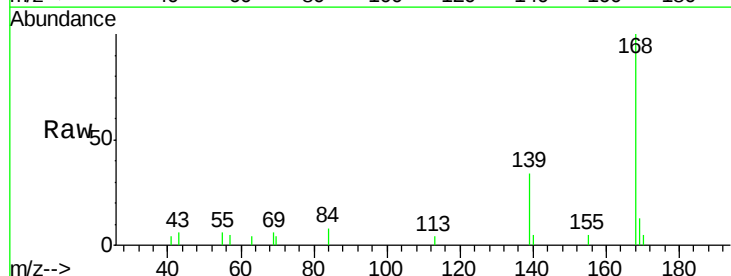


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

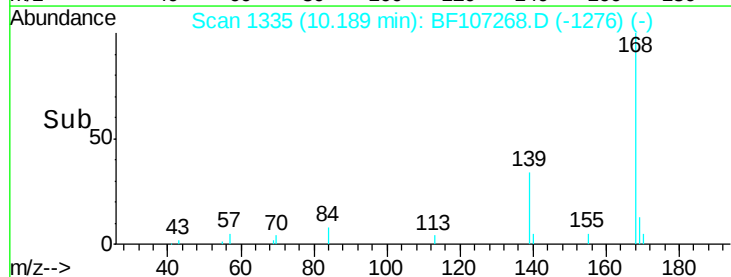
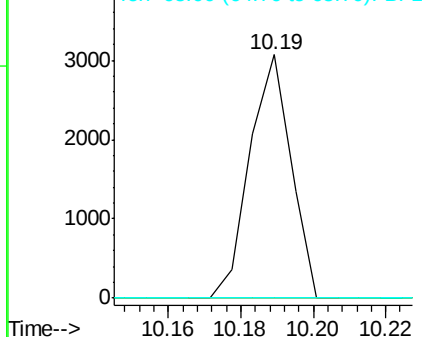


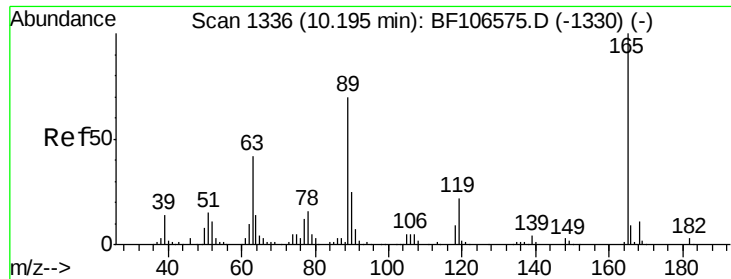
#55
 4-Nitrophenol
 Concen: 3.449 ng
 RT: 10.19 min Scan# 1335
 Delta R.T. 0.05 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Tgt Ion:139 Resp: 2413
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.4 88.4#
 65 0.0 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

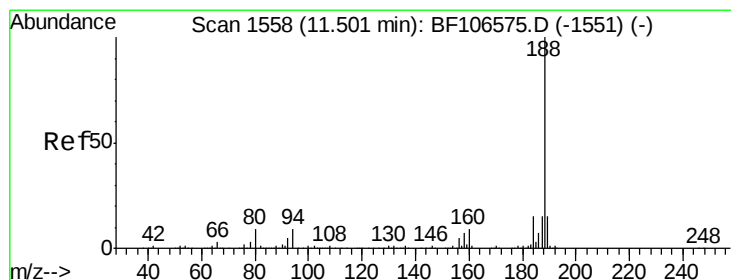
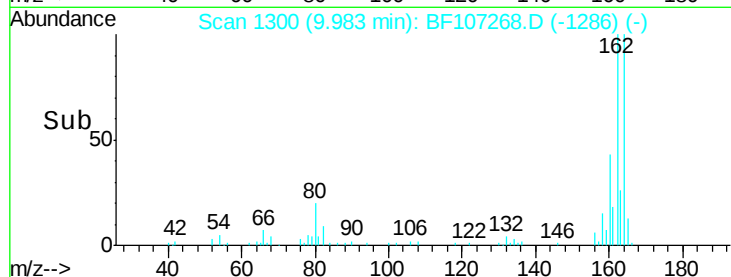
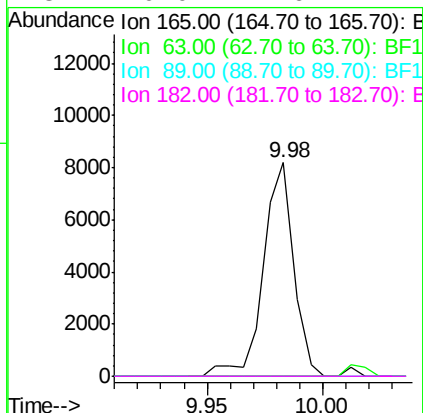
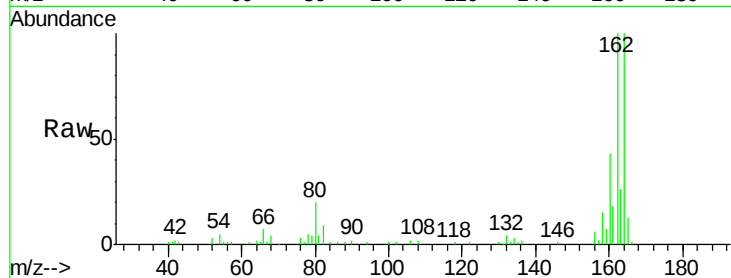




#56
 2,4-Dinitrotoluene
 Concen: 6.564 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.22 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

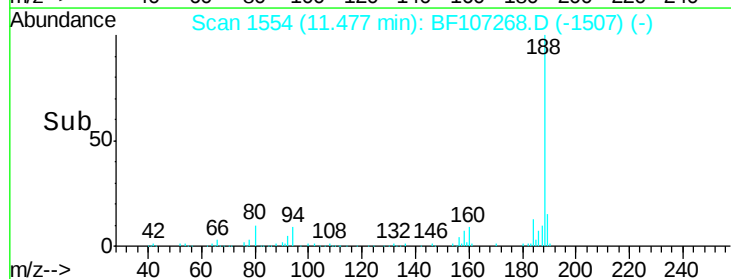
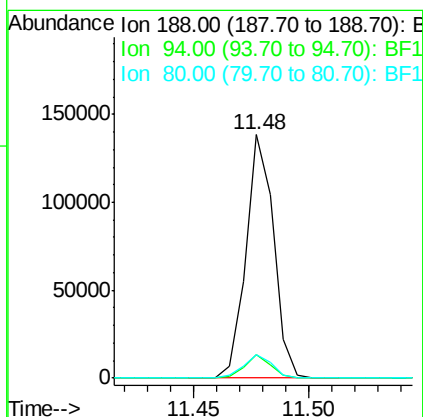
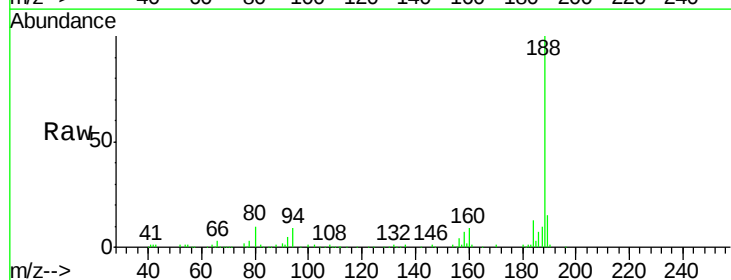
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8RE

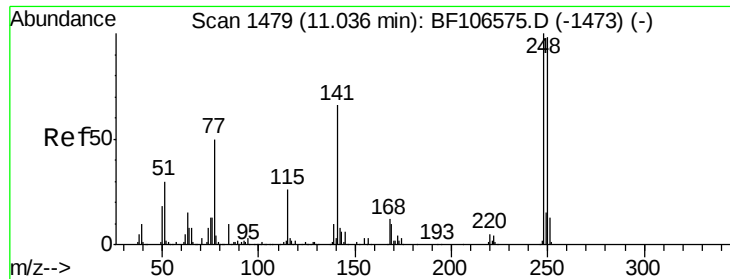
Tgt Ion:	165	Resp:	7464
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Tgt Ion:	188	Resp:	116259
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.8	9.2	13.8

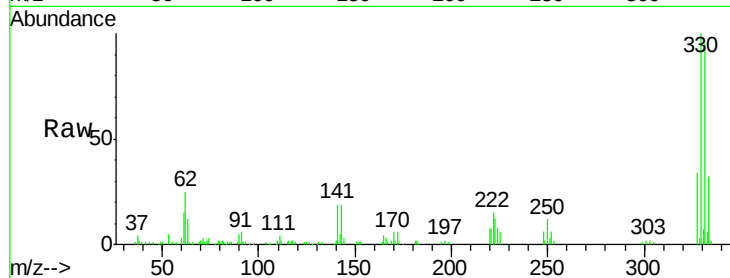




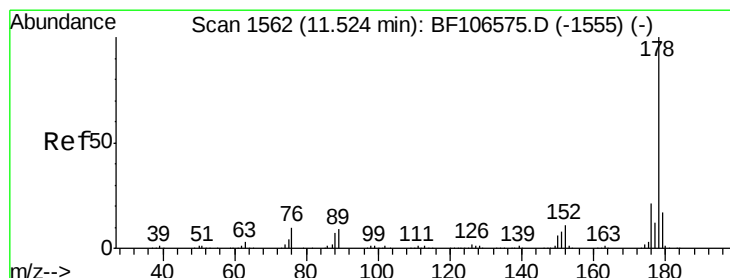
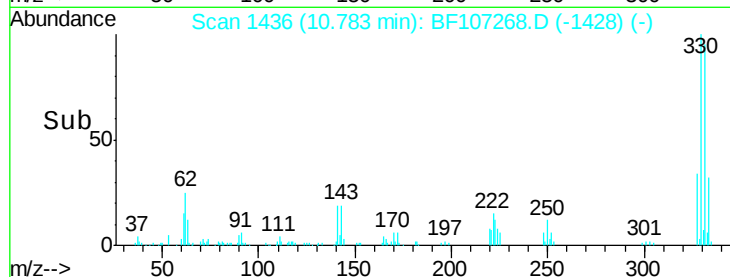
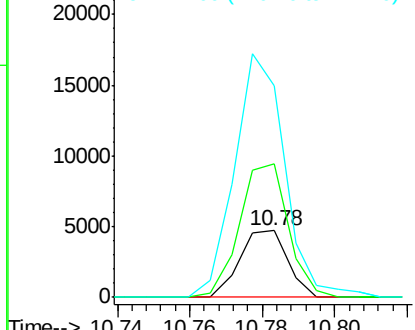
#66
 4-Bromophenyl-phenylether
 Concen: 3.097 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8RE

Tgt Ion: 248 Resp: 4297
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.9 115.3#
 141 318.4 74.4 111.6#

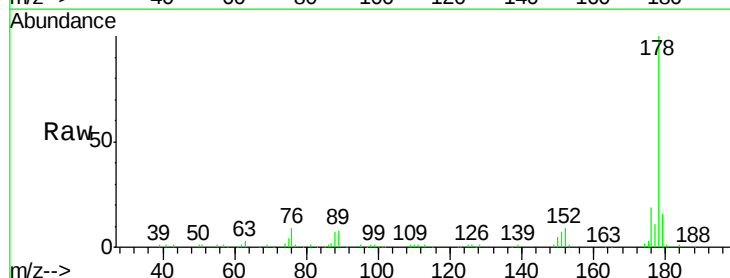


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

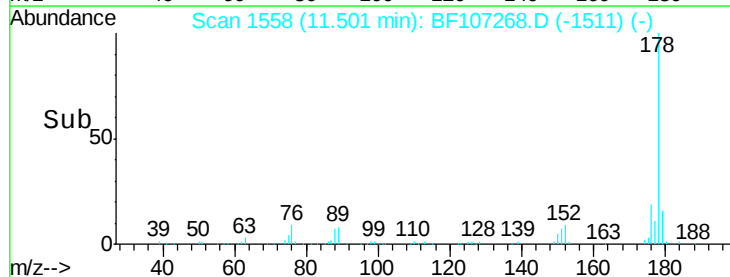
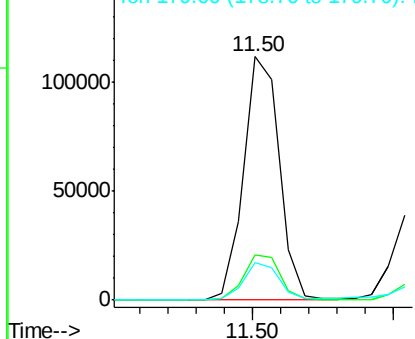


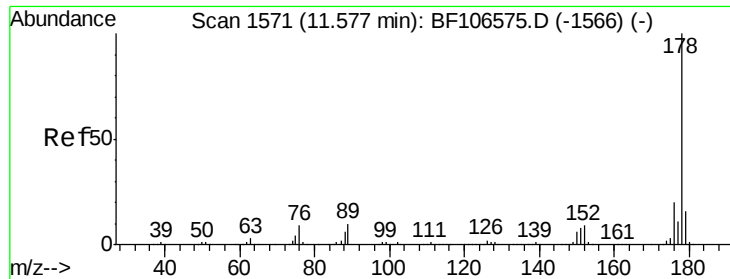
#70
 Phenanthrene
 Concen: 17.544 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.02 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Tgt Ion: 178 Resp: 98377
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.6 13.0 19.6



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

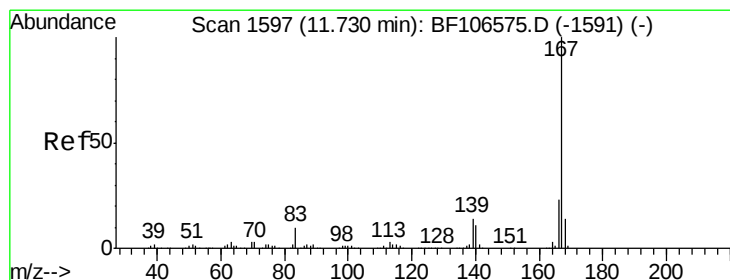
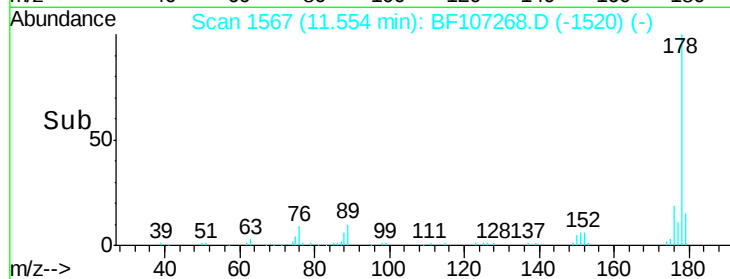
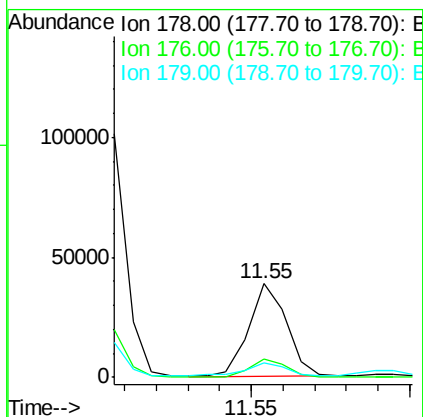
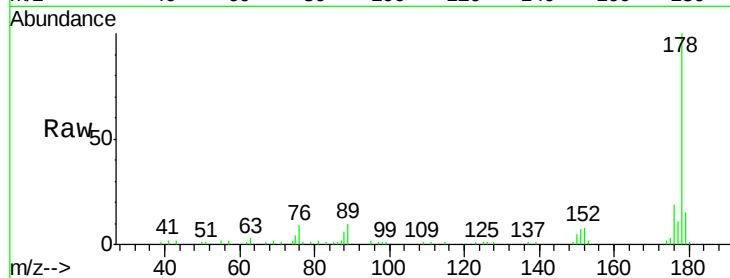




#71
 Anthracene
 Concen: 5.591 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

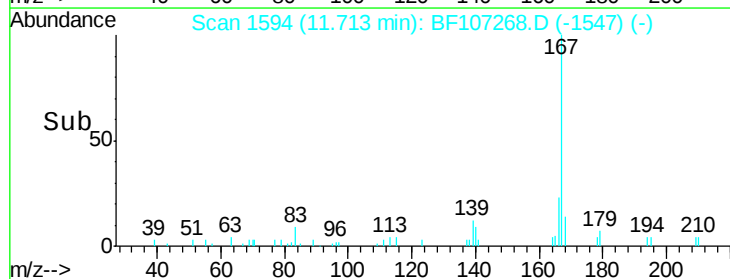
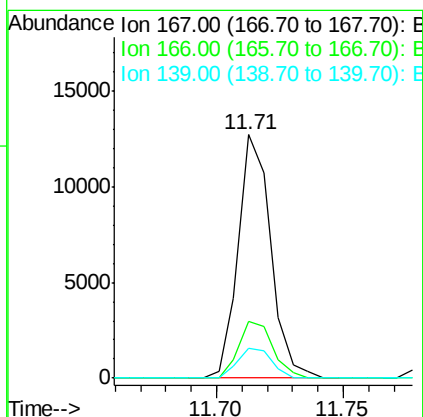
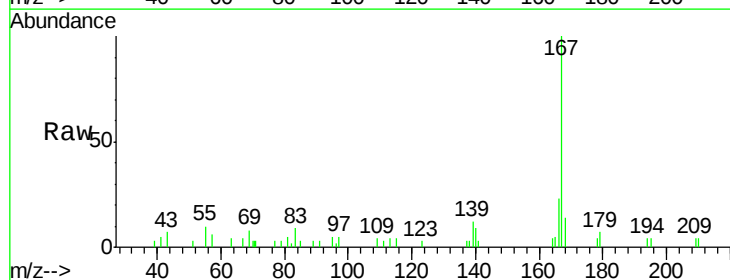
Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8RE

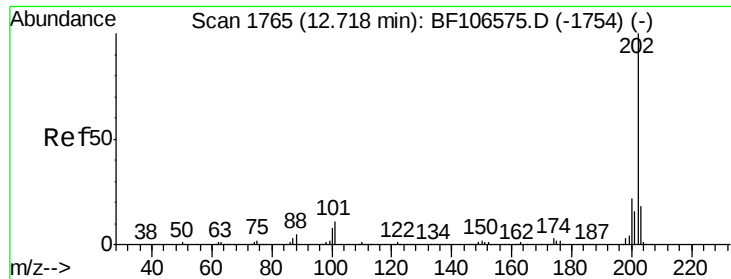
Tgt Ion:178 Resp: 32001
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 2.126 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Tgt Ion:167 Resp: 11391
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 12.3 10.9 16.3





#74

Fluoranthene

Concen: 35.336 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

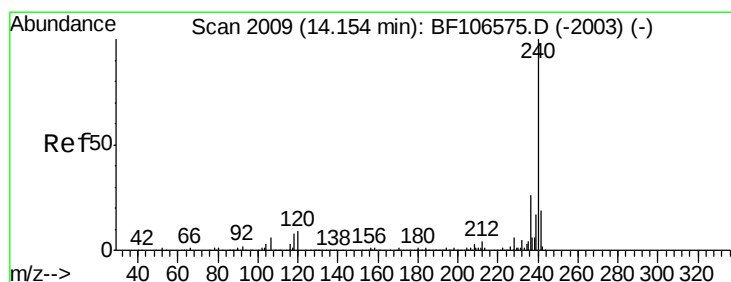
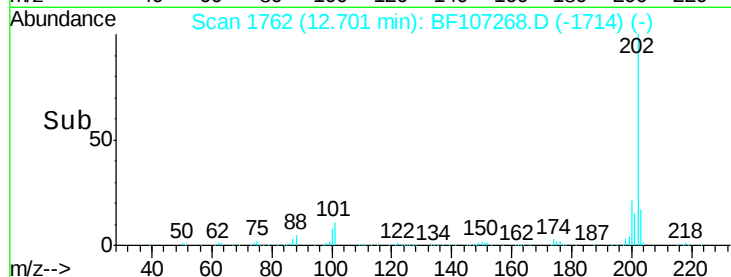
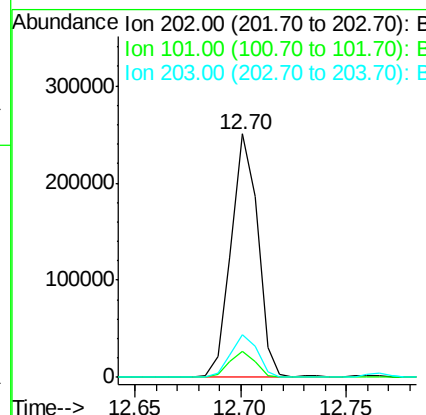
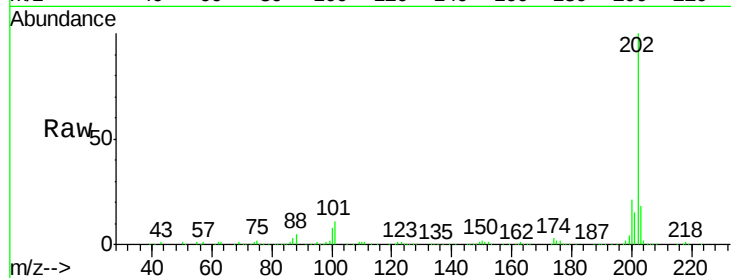
Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8RE

Tgt Ion:	202	Resp:	218396
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.5	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

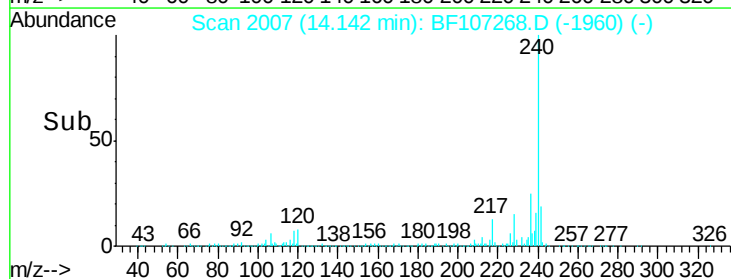
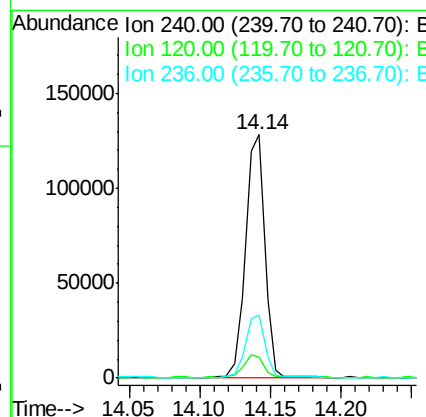
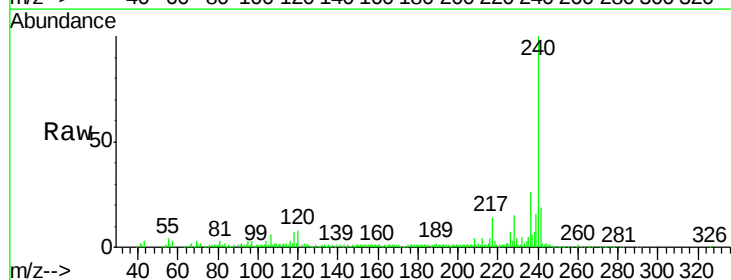
RT: 14.14 min Scan# 2007

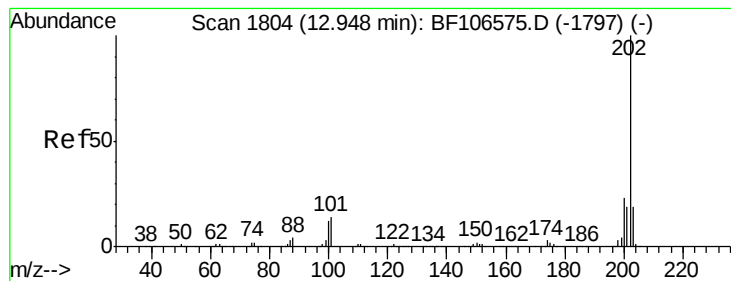
Delta R.T. -0.02 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

Tgt Ion:	240	Resp:	121356
Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.7	20.7	31.1





#77

Pyrene

Concen: 26.195 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8RE

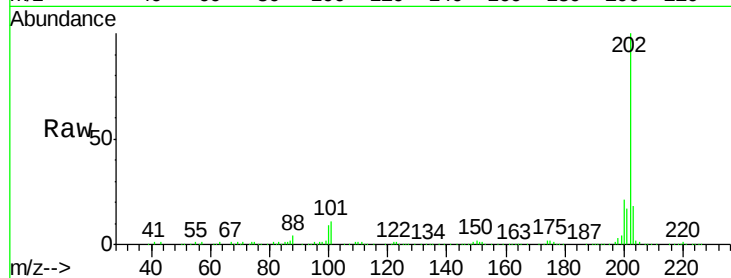
Tgt Ion: 202 Resp: 209631

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

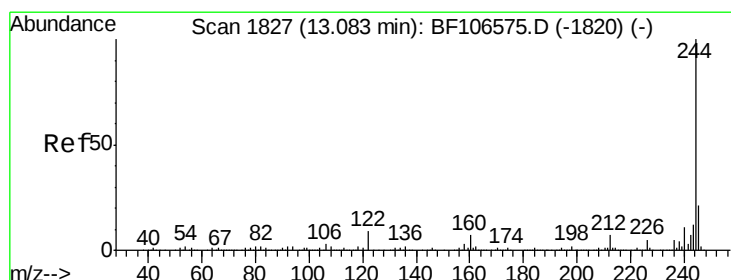
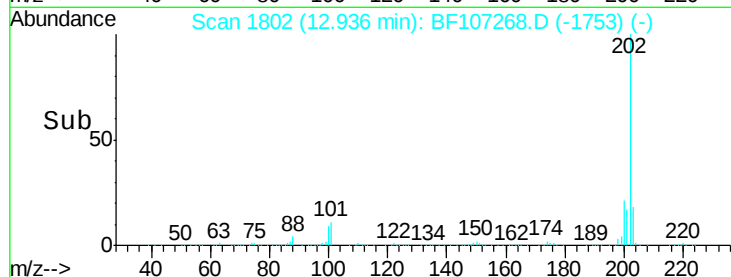
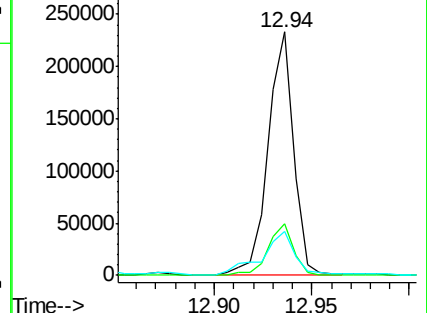
203 18.0 14.3 21.5



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: 74.181 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

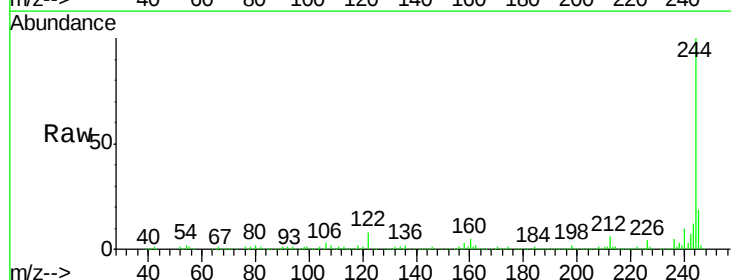
Tgt Ion: 244 Resp: 371643

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

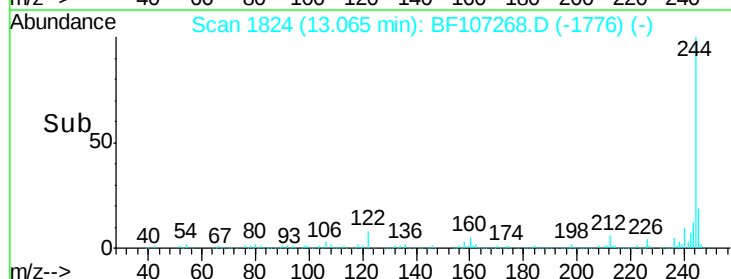
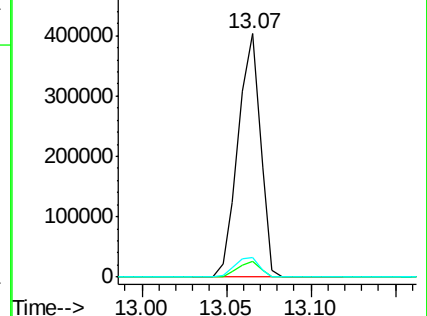
122 8.2 11.0 16.4

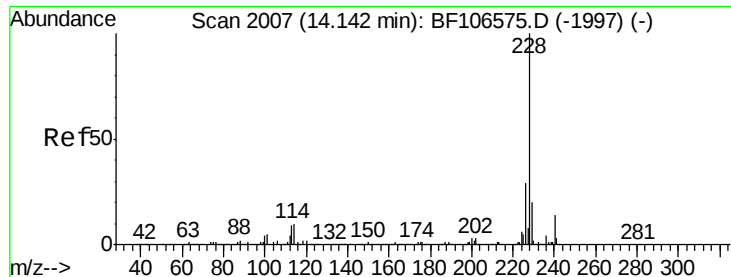


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 17.503 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8RE

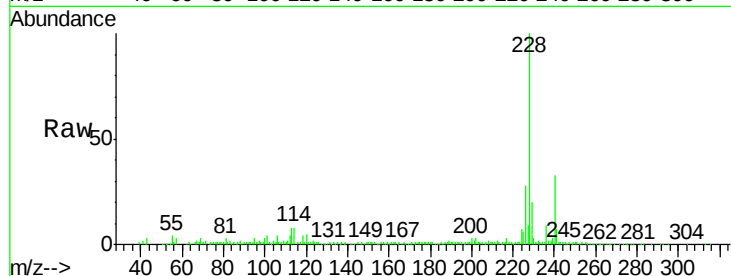
Tgt Ion:228 Resp: 129461

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

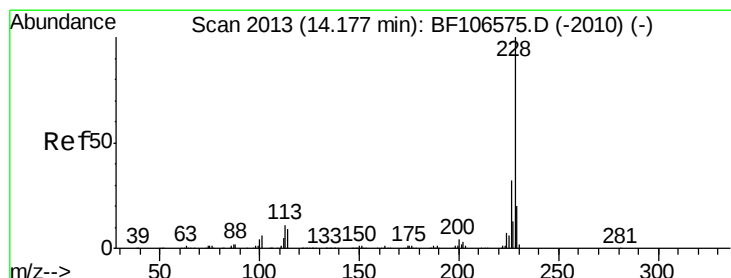
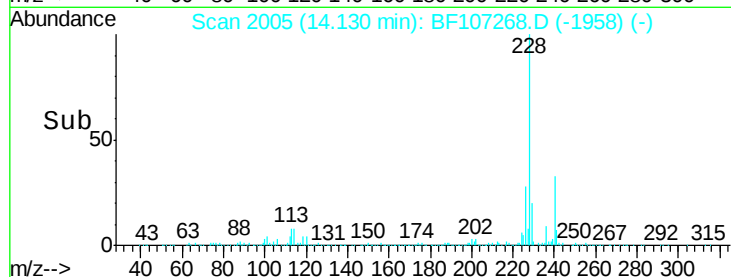
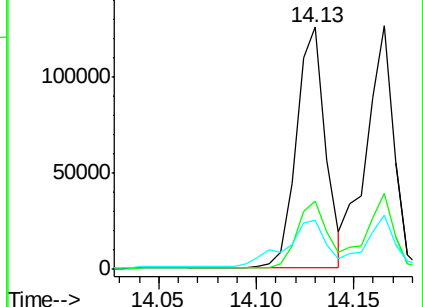
229 20.1 15.8 23.6



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



#82

Chrysene

Concen: 18.195 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

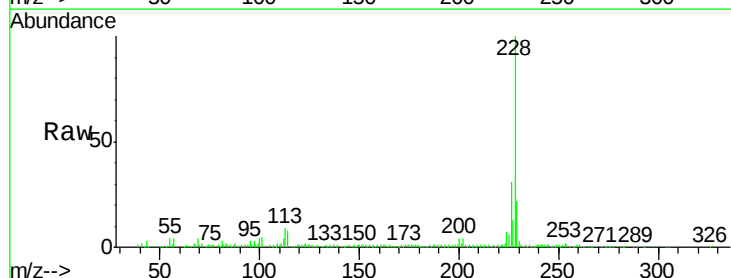
Tgt Ion:228 Resp: 123809

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

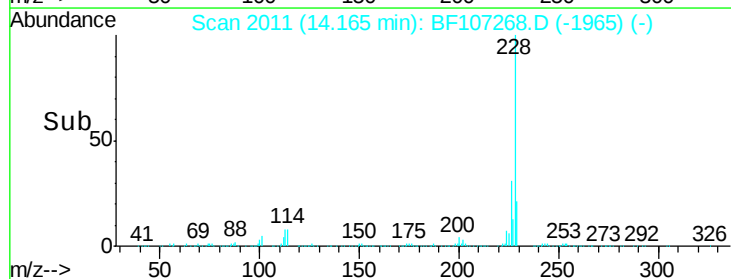
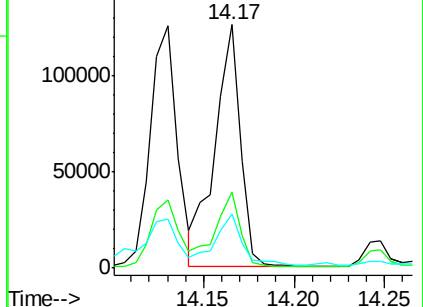
229 22.2 16.2 24.4

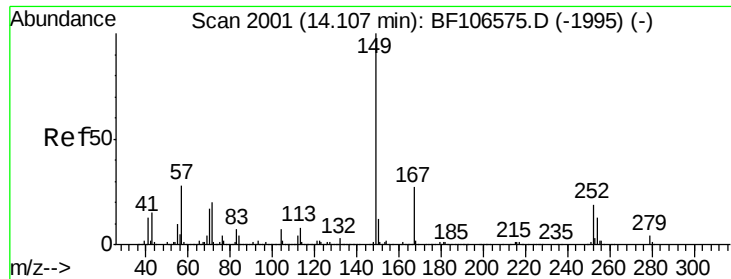


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

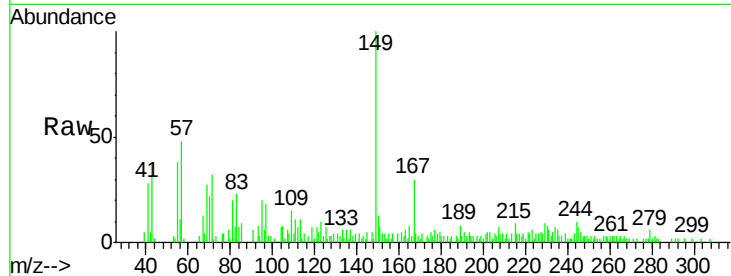




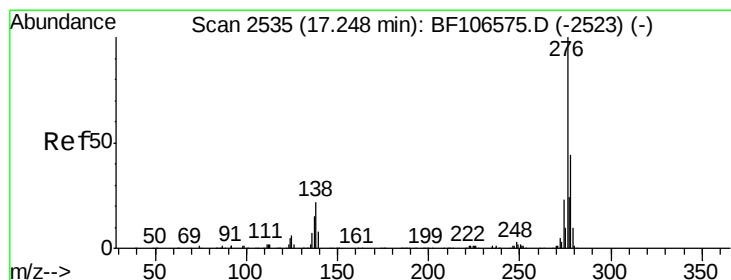
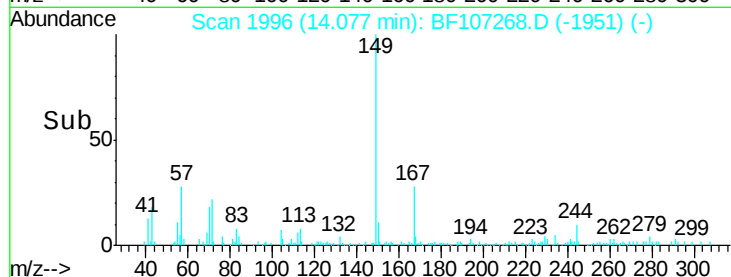
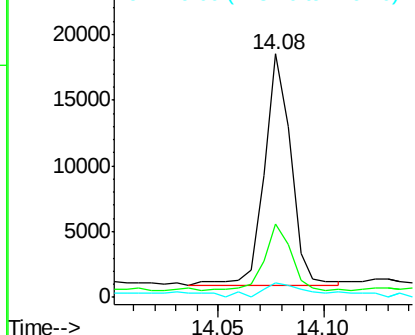
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.641 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-8RE

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	21.3	31.9
279	5.8	3.0	4.4#

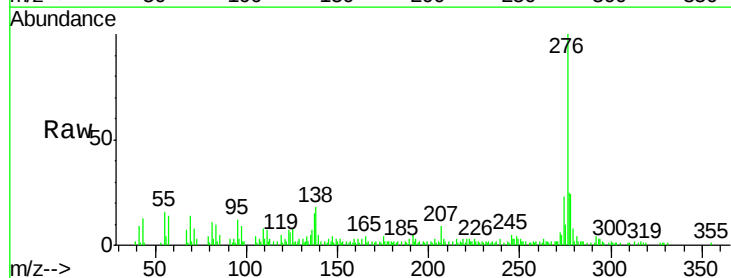


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

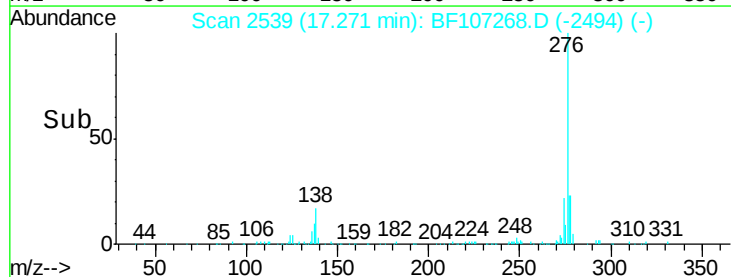
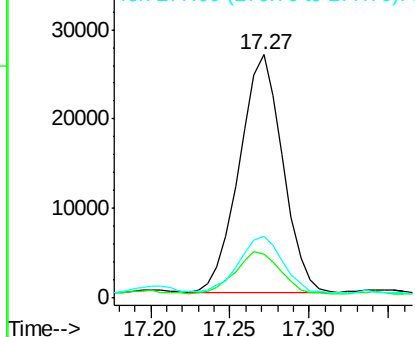


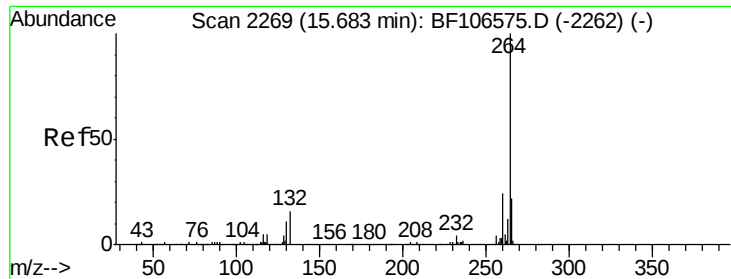
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.731 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BF107268.D
 Acq: 10 Jul 2018 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	25.0	37.6#
277	24.8	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

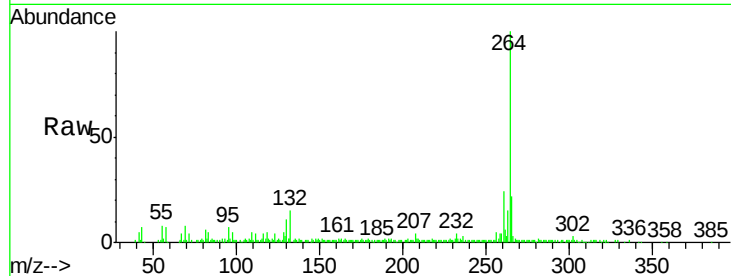




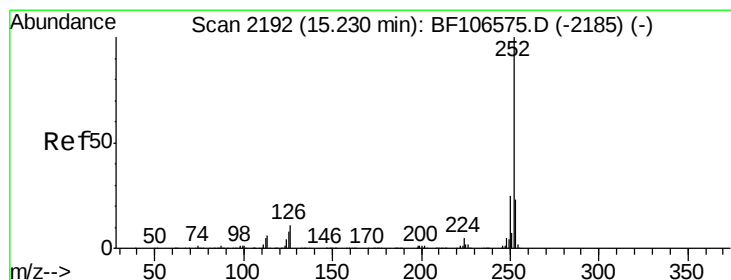
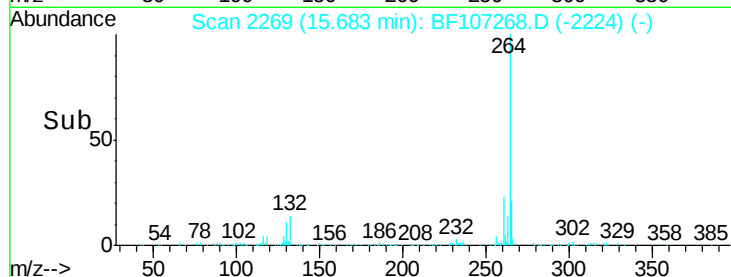
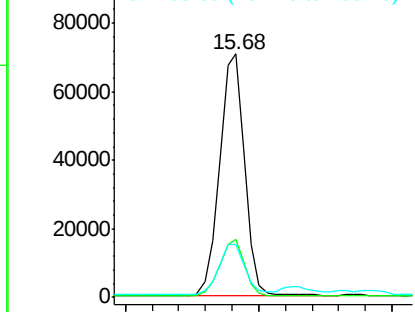
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8RE

Tgt Ion:264 Resp: 93670
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.9 17.5 26.3

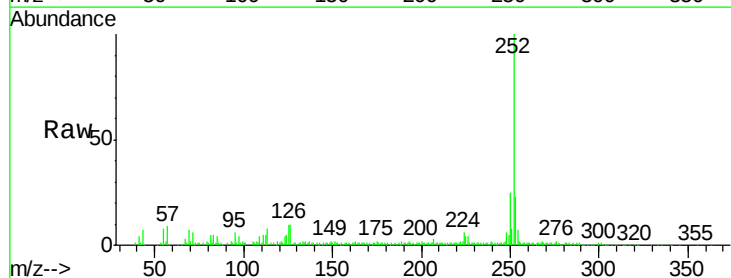


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

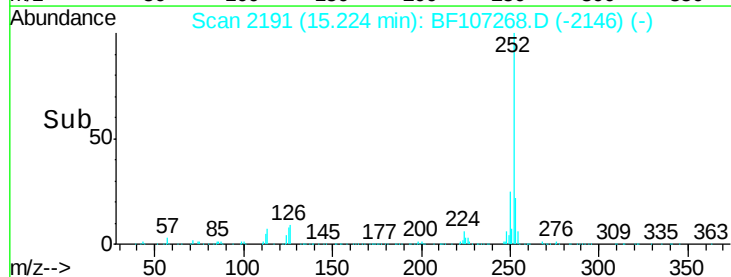
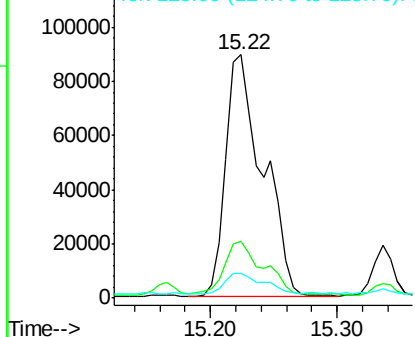


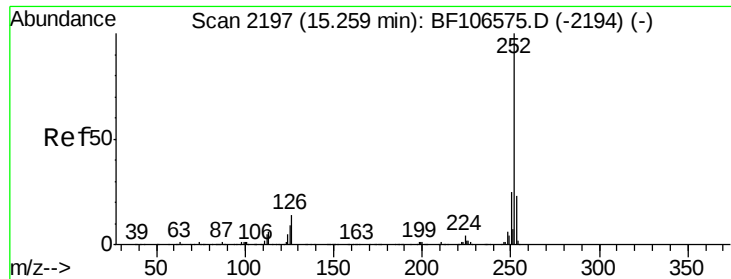
#87
Benzo(b)fluoranthene
Concen: 31.207 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Tgt Ion:252 Resp: 181583
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 10.0 9.0 13.6



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

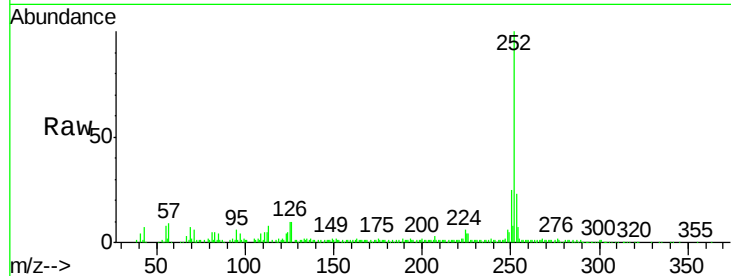




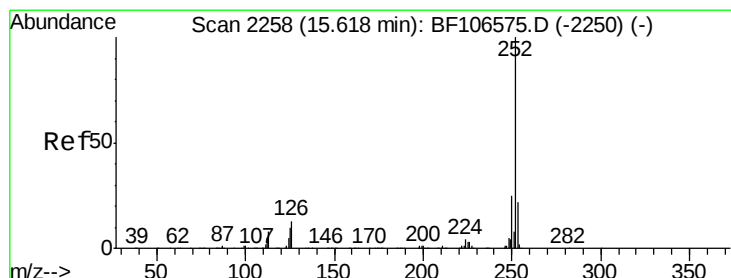
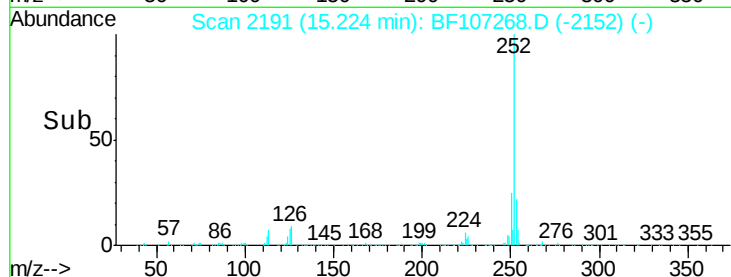
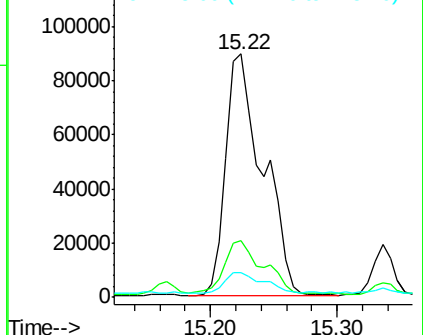
#88
Benzo(k)fluoranthene
Concen: 32.770 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-8RE

Tgt Ion:252 Resp: 181583
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.0 10.2 15.2#

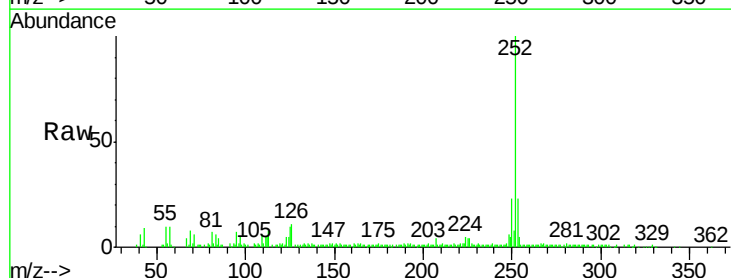


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

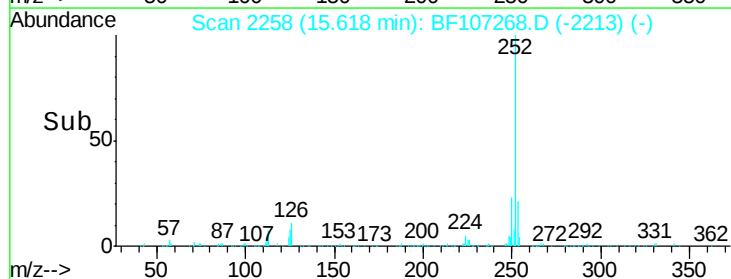
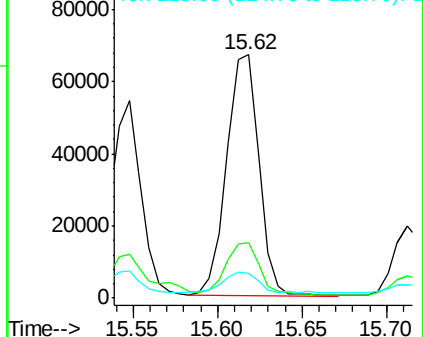


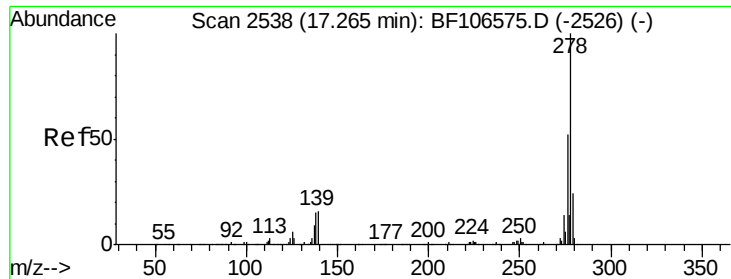
#89
Benzo(a)pyrene
Concen: 17.229 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107268.D
Acq: 10 Jul 2018 13:15

Tgt Ion:252 Resp: 89120
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 10.2 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





#90

Dibenzo(a,h)anthracene

Concen: 3.375 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.05 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-8RE

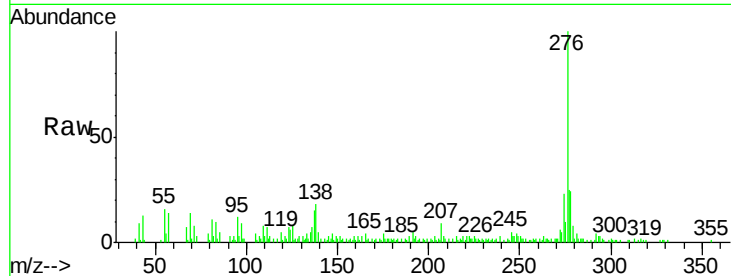
Tgt Ion:278 Resp: 14794

Ion Ratio Lower Upper

278 100

139 22.8 15.9 23.9

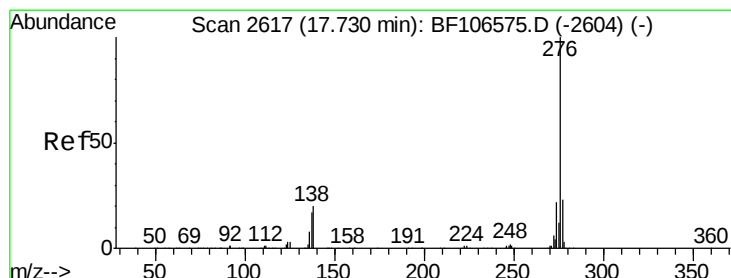
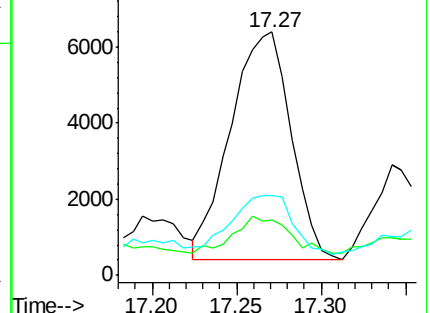
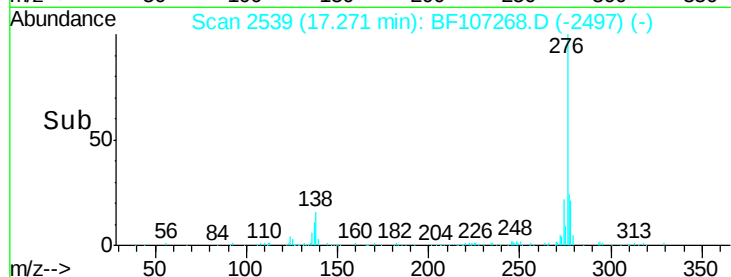
279 32.8 19.0 28.4#



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: 11.452 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.03 min

Lab File: BF107268.D

Acq: 10 Jul 2018 13:15

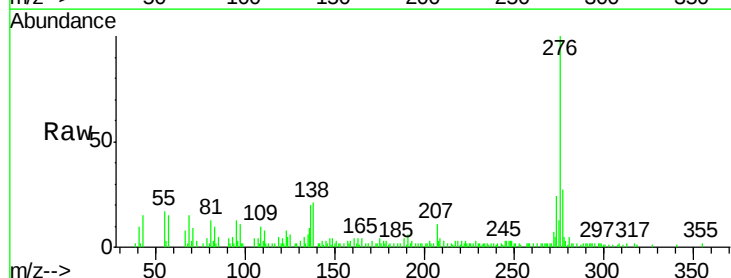
Tgt Ion:276 Resp: 49071

Ion Ratio Lower Upper

276 100

277 27.3 17.9 26.9#

138 20.7 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

