

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107593.D
 Acq On : 23 Jul 2018 17:31
 Operator : JU/SJ
 Sample : J4030-14 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 28 05:35:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	270246	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	960149	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	356482	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	710974	20.00	ng	0.00
75) Chrysene-d12	14.17	240	508669	20.00	ng	0.00
86) Perylene-d12	15.72	264	398038	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	605184	36.00	ng	0.00
7) Phenol-d6	6.61	99	872413	43.23	ng	0.00
23) Nitrobenzene-d5	7.54	82	498273	35.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	119063	29.37	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	870449	34.33	ng	0.00
78) Terphenyl-d14	13.10	244	878486	44.21	ng	0.00

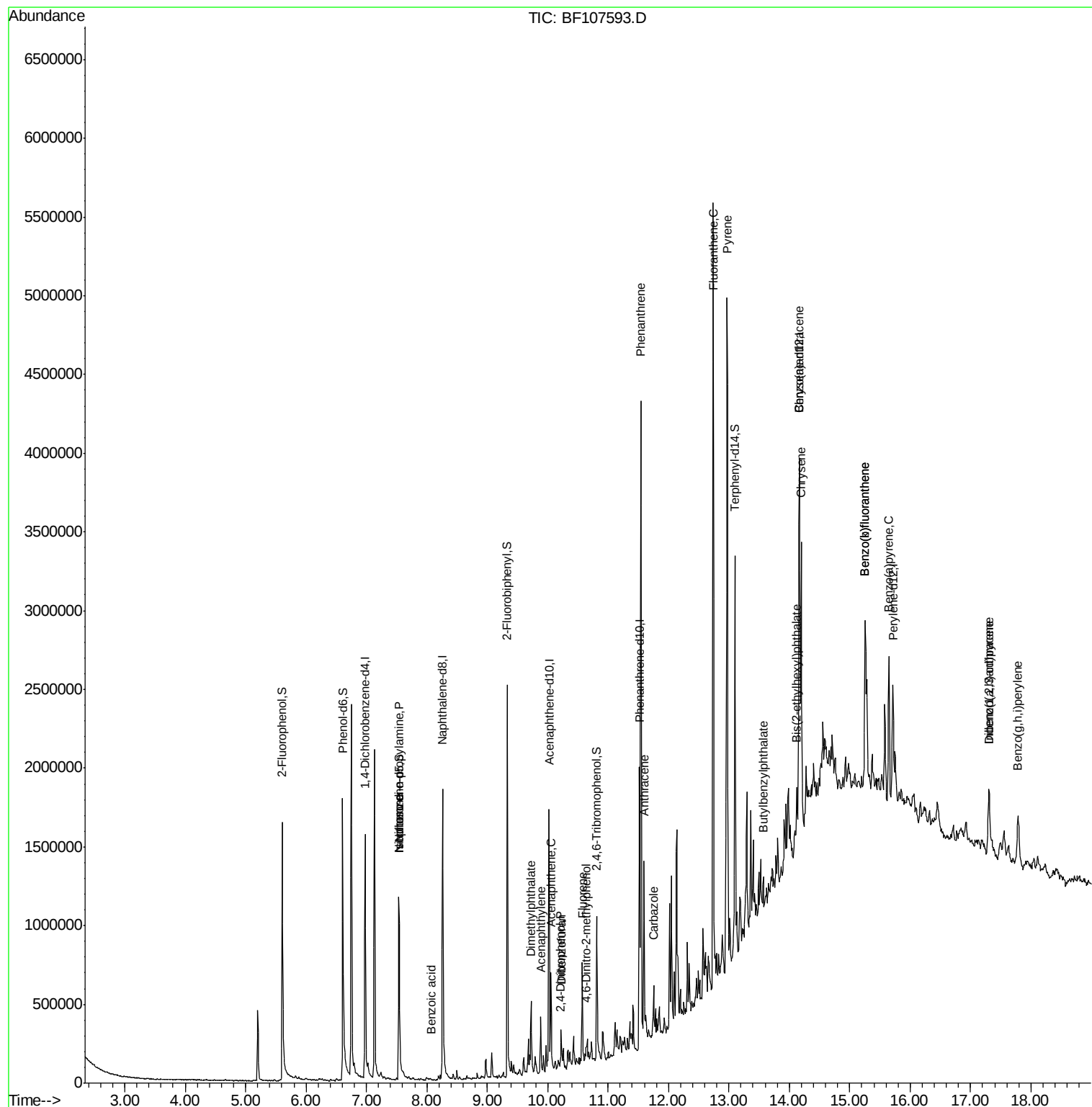
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	14872	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.54	70	62103	4.763 ng	#	85
25) Isophorone	7.54	82	498273	16.403 ng	#	64
32) Benzoic acid	8.08	122	237	7.922 ng		84
48) Acenaphthylene	9.88	152	141520	3.969 ng		99
49) Dimethylphthalate	9.72	163	162576	6.051 ng	#	98
51) Acenaphthene	10.05	154	115295	5.161 ng		98
53) 2,4-Dinitrophenol	10.21	184	131	8.352 ng	#	29
54) Dibenzofuran	10.23	168	102039	3.102 ng		96
57) Fluorene	10.57	166	193877	8.263 ng		94
64) 4,6-Dinitro-2-methylphenol	10.63	198	111	8.707 ng	#	1
70) Phenanthrene	11.54	178	1634524	47.178 ng		98
71) Anthracene	11.59	178	508368	14.573 ng		100
72) Carbazole	11.75	167	166279	4.584 ng		98
73) Di-n-butylphthalate	12.06	149	56296	Below Cal	#	96
74) Fluoranthene	12.74	202	2184235	58.751 ng		96
77) Pyrene	12.97	202	2039914	58.629 ng		98
79) Butylbenzylphthalate	13.57	149	52937	3.538 ng		92
80) Benzo(a)anthracene	14.16	228	860955	28.882 ng		96
81) 3,3'-Dichlorobenzidine	14.12	252	683	Below Cal	#	58
82) Chrysene	14.20	228	817012	28.532 ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	88776	4.205 ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.31	276	324974	13.391 ng	#	90
87) Benzo(b)fluoranthene	15.25	252	984218	45.180 ng	#	92
88) Benzo(k)fluoranthene	15.25	252	984218	46.116 ng		95
89) Benzo(a)pyrene	15.65	252	539732	27.086 ng		95
90) Dibenzo(a,h)anthracene	17.31	278	82536	4.792 ng	#	82
91) Benzo(g,h,i)perylene	17.79	276	314730	18.524 ng	#	90

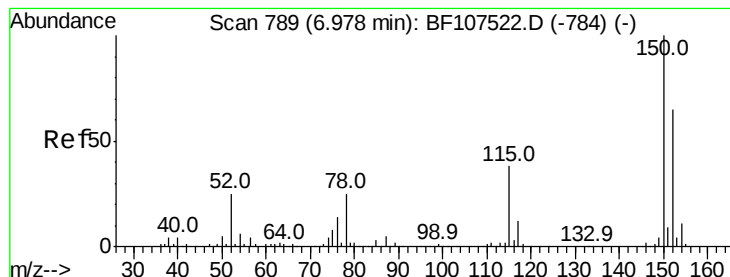
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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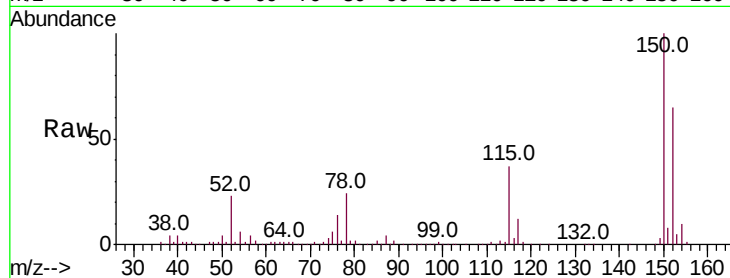


#1

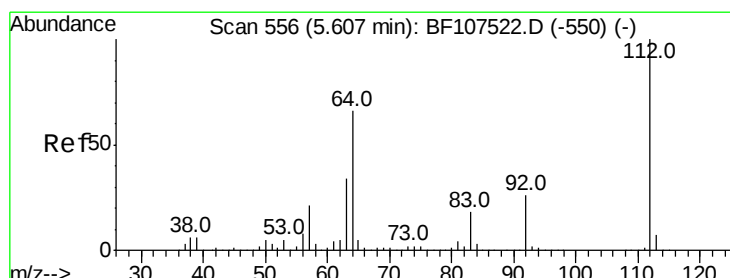
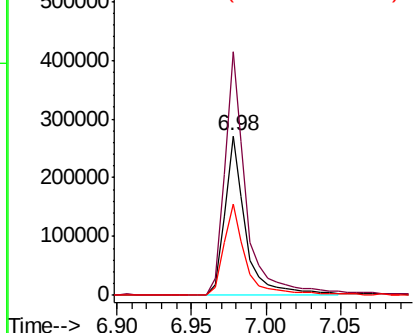
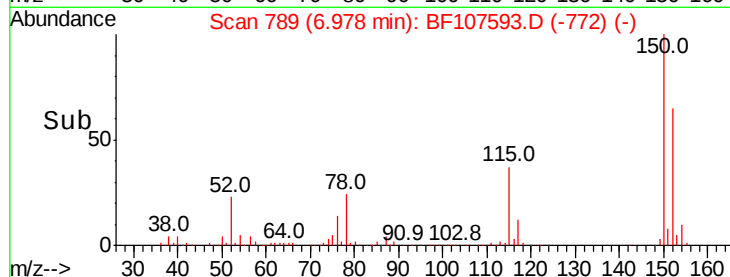
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 270246
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 57.1 50.1 75.1



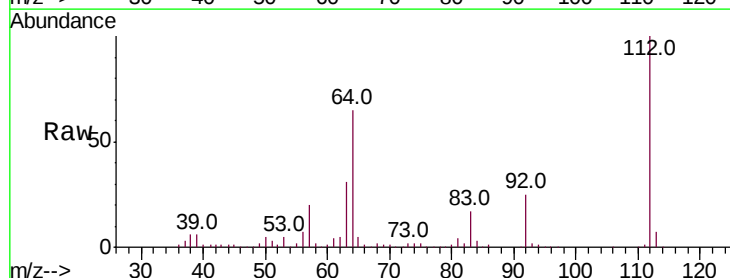
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



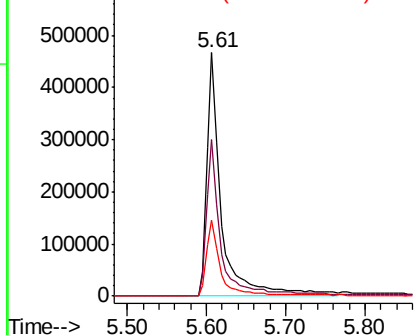
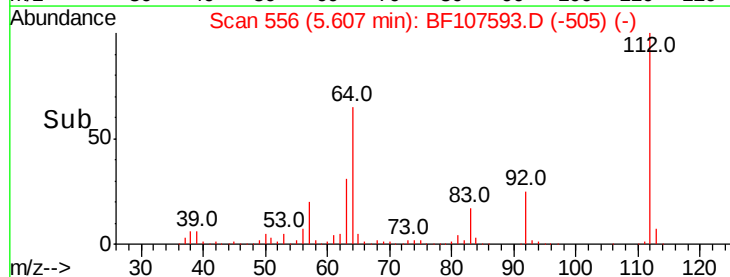
#5

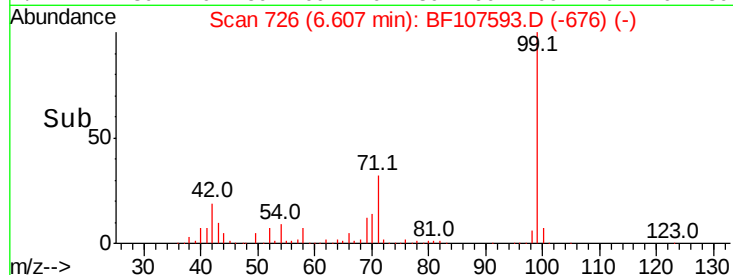
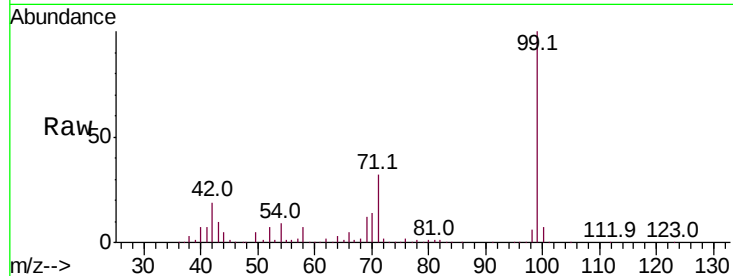
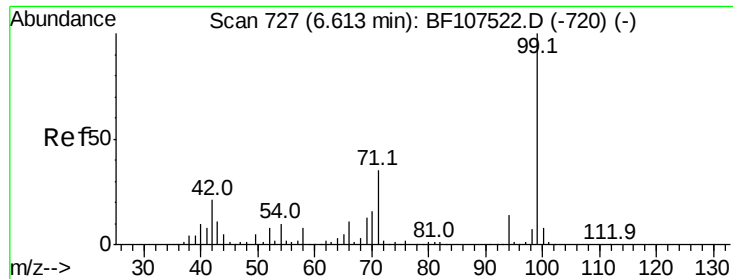
2-Fluorophenol
Concen: 36.005 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Tgt Ion:112 Resp: 605184
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 31.4 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: 43.226 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampleId :

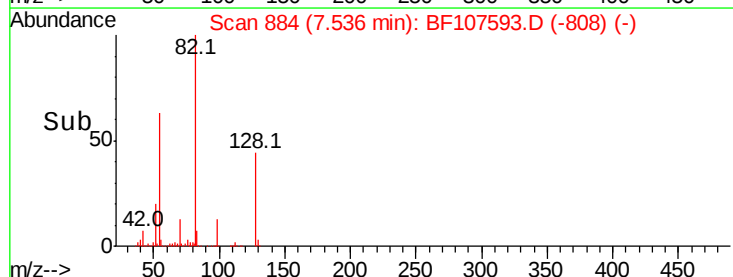
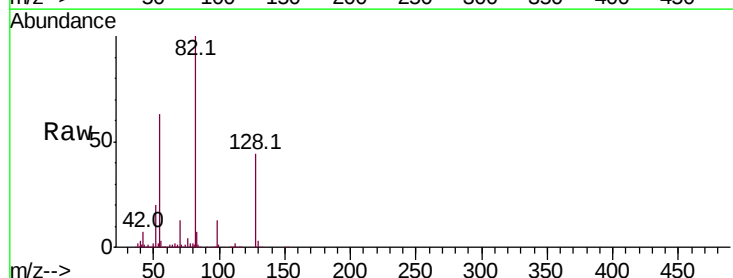
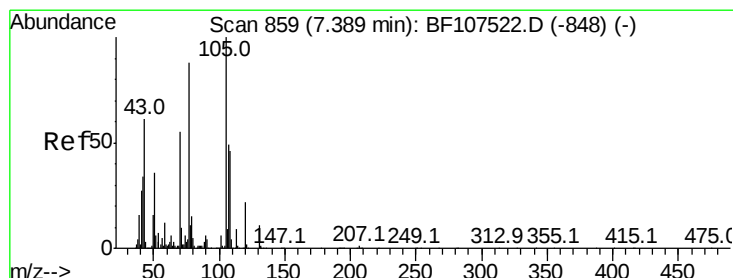
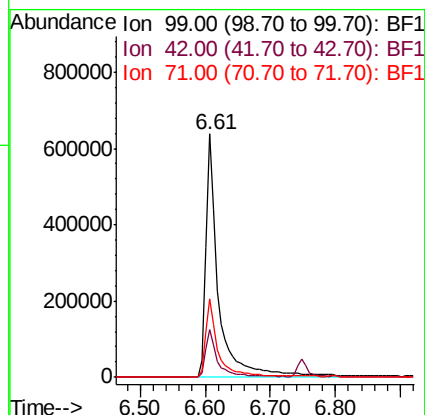
Tot Ion: 99 Resp: 872413

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 4.763 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Tgt Ion: 70 Resp: 62103

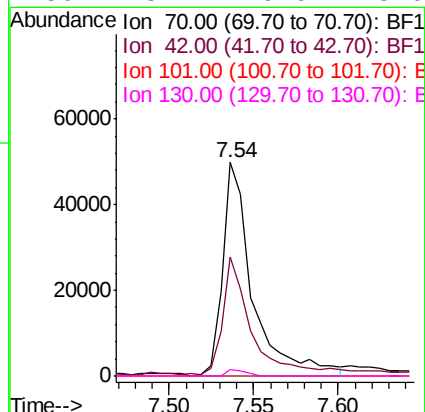
Ion Ratio Lower Upper

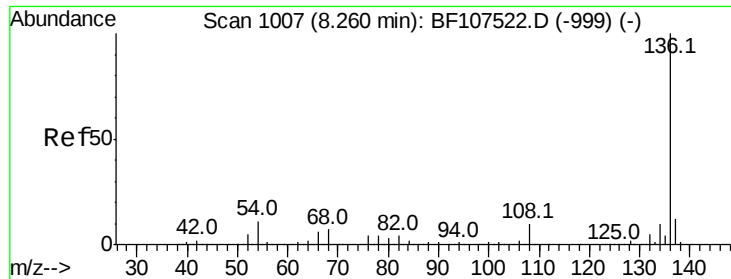
70 100

42 55.7 47.5 71.3

101 0.0 7.4 11.2#

130 3.1 16.6 25.0#

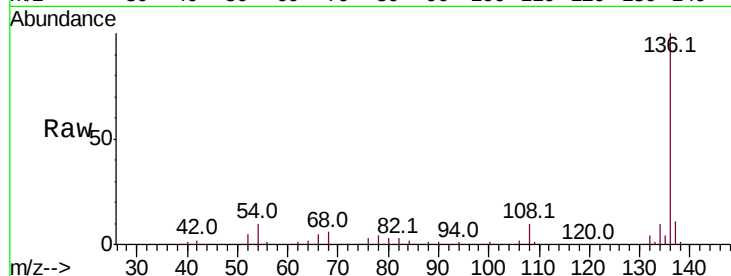




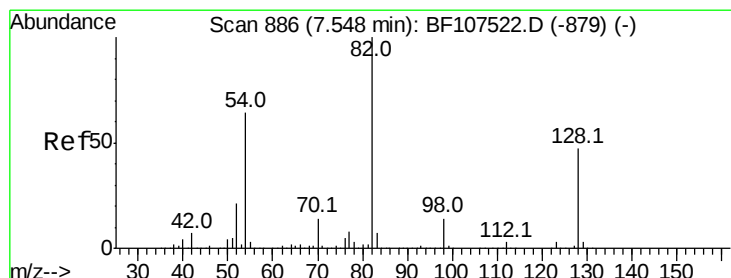
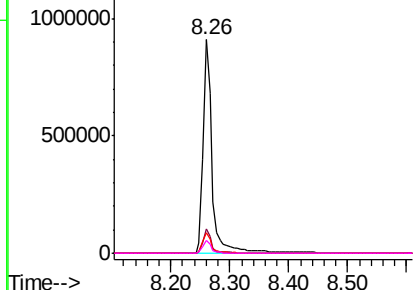
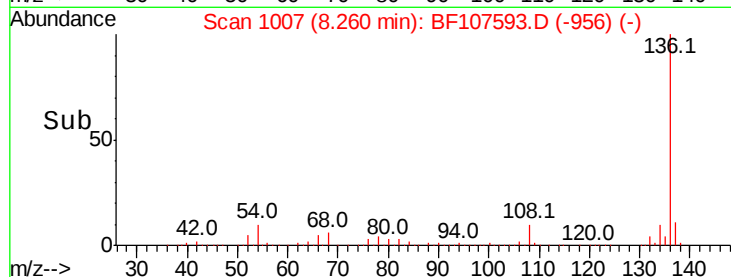
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Instrument :
BNA_M
ClientSampled :

Tot Ion:	136	Resp:	960149
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.8	6.6	9.8
68	6.0	5.0	7.4

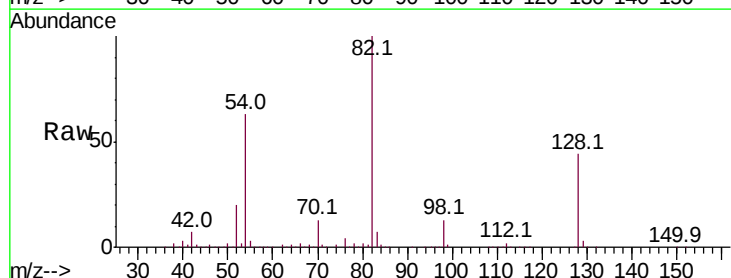


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

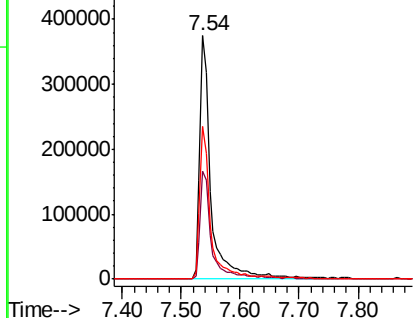
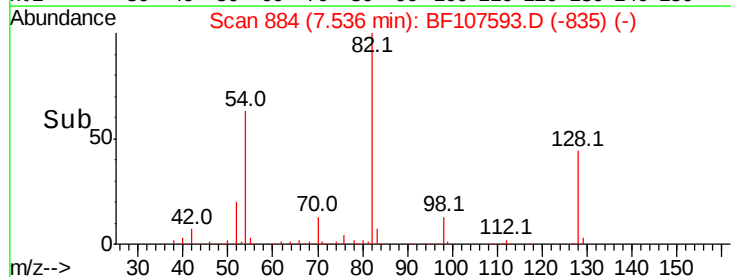


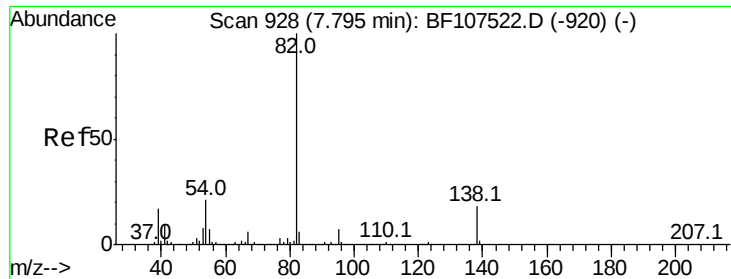
#23
Nitrobenzene-d5
Concen: 35.023 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Tgt Ion:	82	Resp:	498273
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	62.8	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: 16.403 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampled :

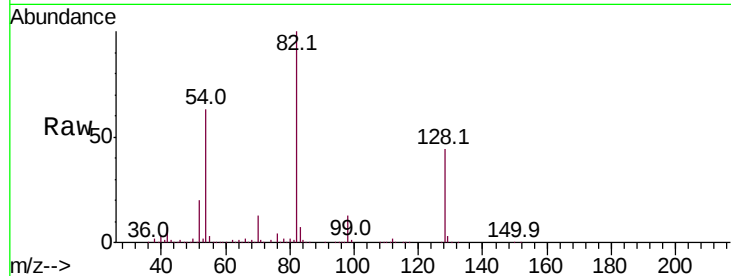
Tot Ion: 82 Resp: 498273

Ion Ratio Lower Upper

82 100

95 0.2 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

500000

400000

300000

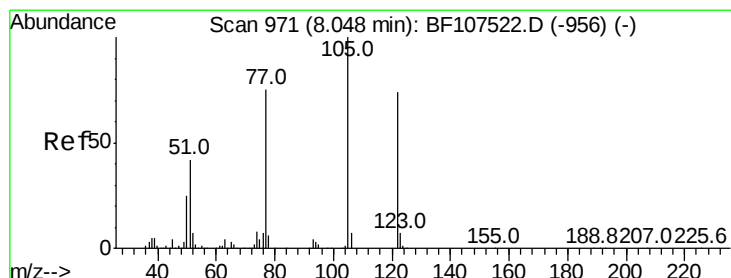
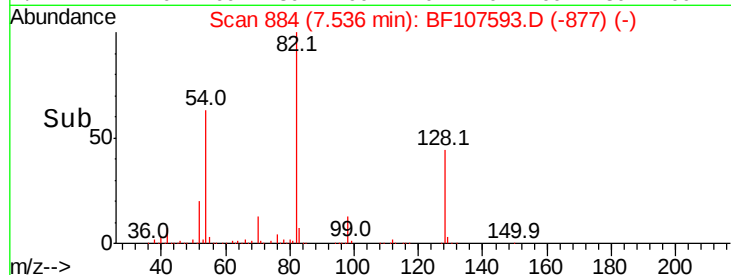
200000

100000

0

7.54

Time--> 7.40 7.50 7.60 7.70 7.80



#32

Benzoic acid

Concen: 7.922 ng

RT: 8.08 min Scan# 976

Delta R.T. 0.03 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

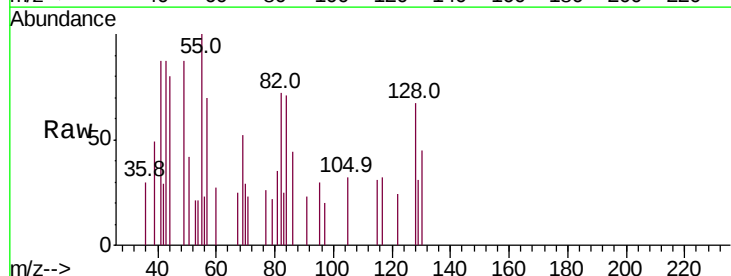
Tgt Ion: 122 Resp: 237

Ion Ratio Lower Upper

122 100

105 135.4 101.1 141.1

77 109.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

1200

1000

800

600

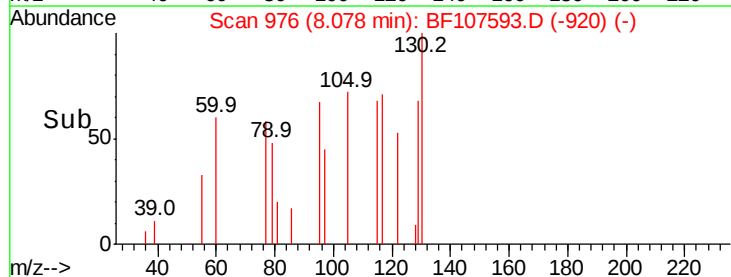
400

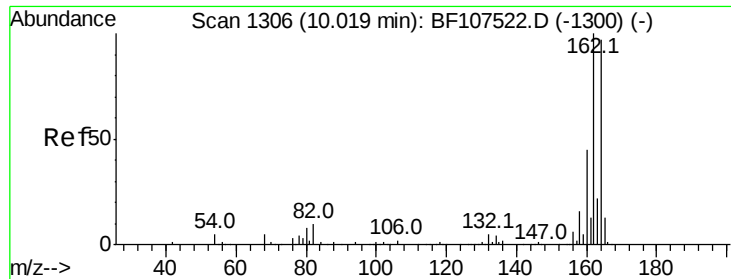
200

0

8.08

Time--> 8.06 8.08 8.10

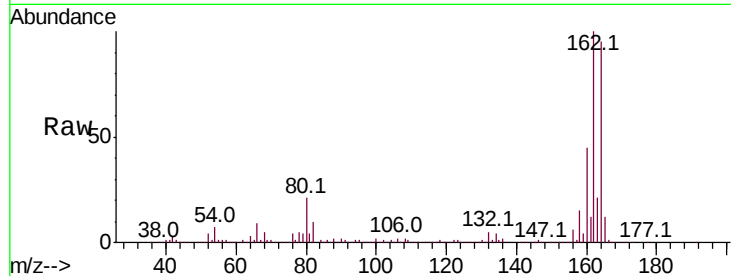




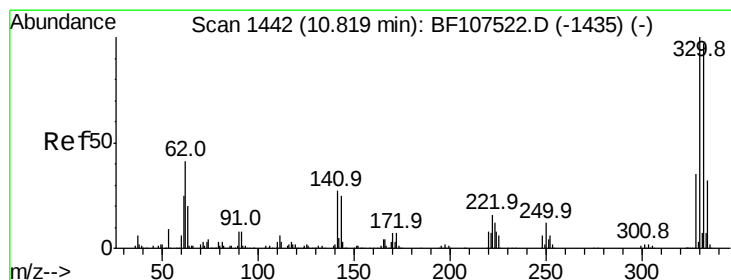
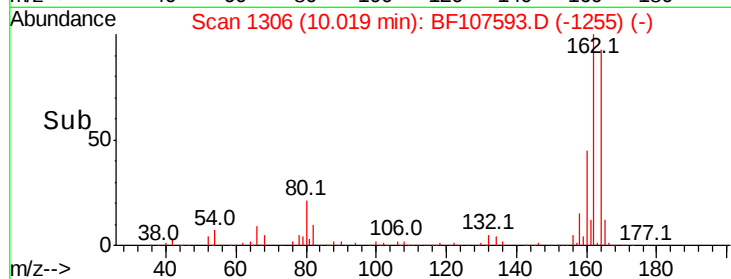
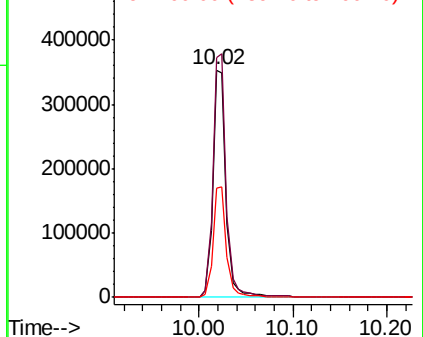
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:164 Resp: 356482
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 47.8 38.3 57.5

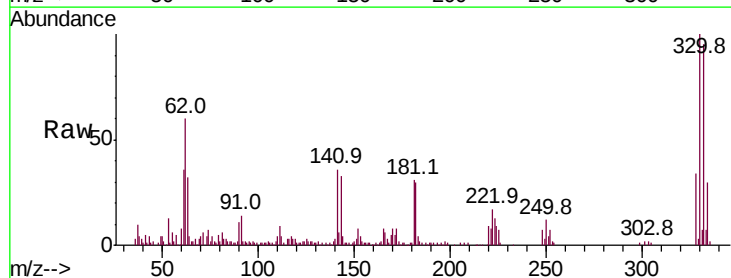


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

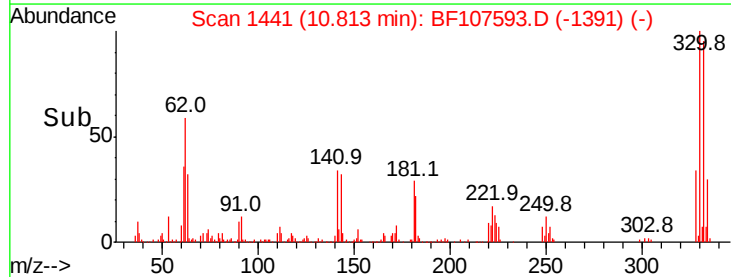
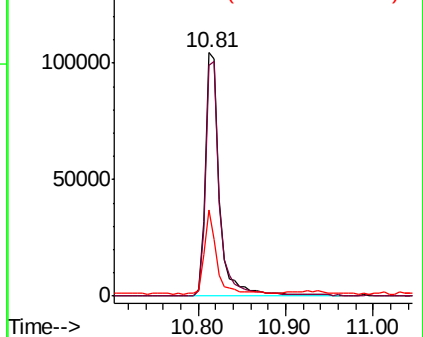


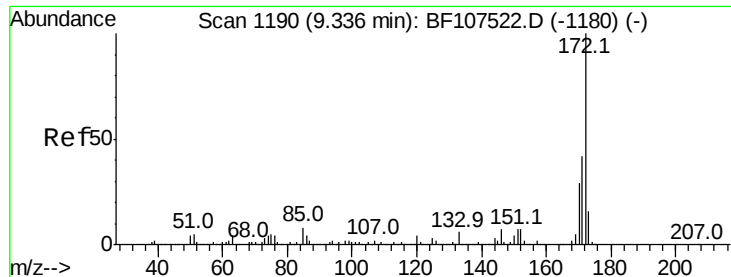
#41
 2,4,6-Tribromophenol
 Concen: 29.371 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

Tgt Ion:330 Resp: 119063
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 29.3 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

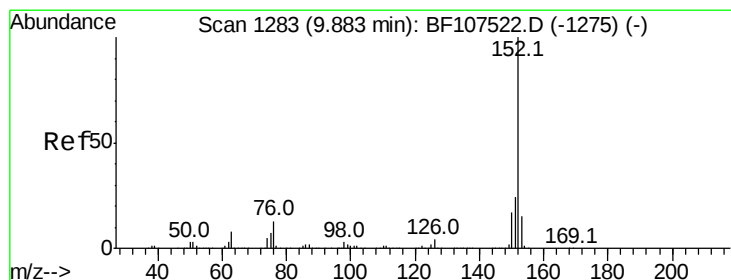
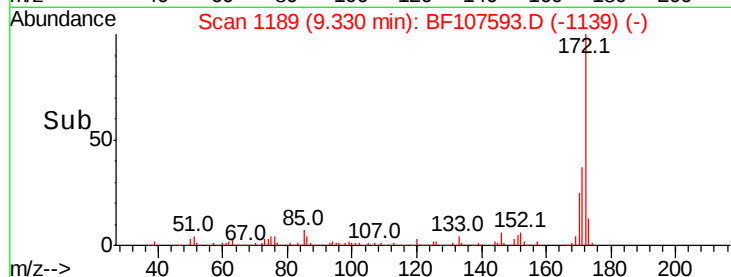
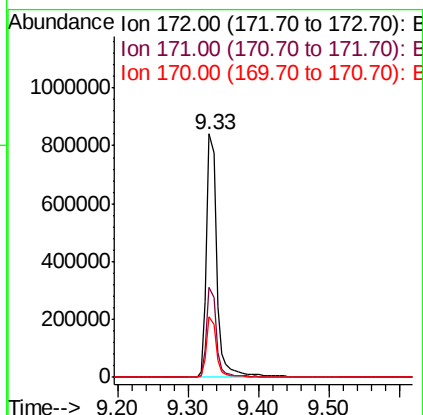
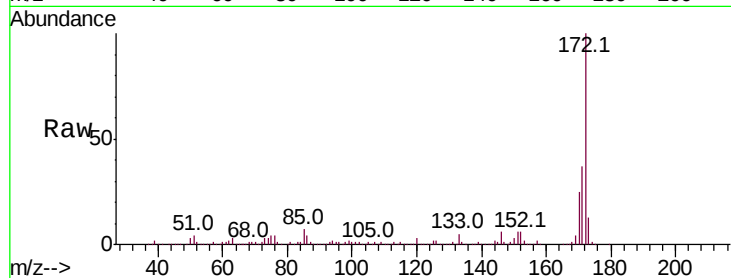




#44
 2-Fluorobiphenyl
 Concen: 34.328 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

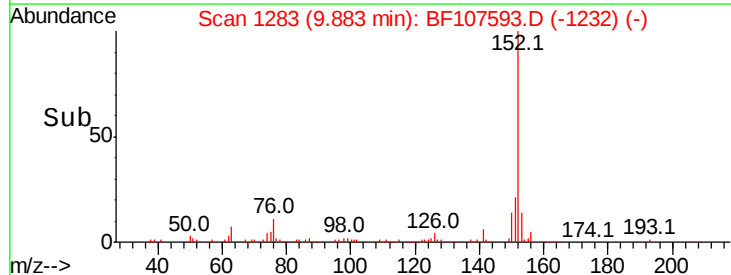
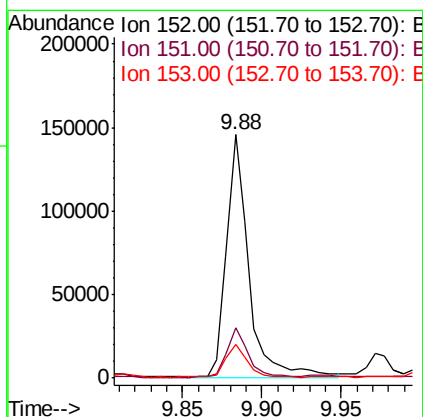
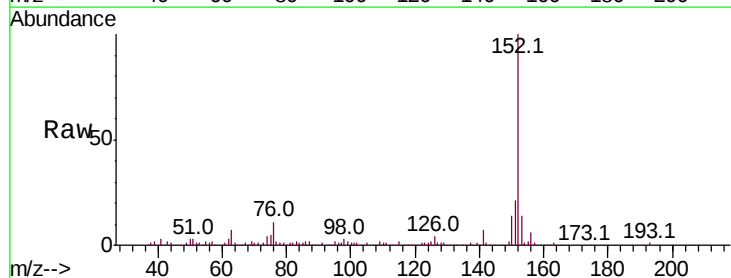
Instrument :
 BNA_M
 ClientSampleId :

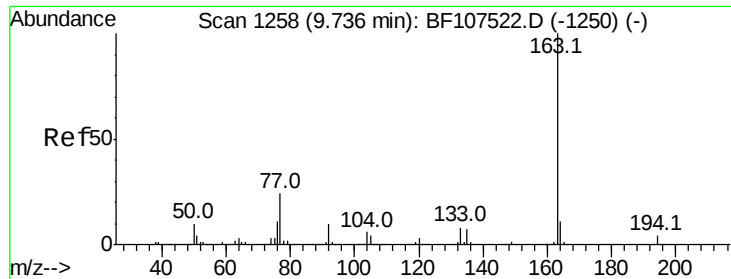
Tot Ion:172 Resp: 870449
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.7 19.6 29.4



#48
 Acenaphthylene
 Concen: 3.969 ng
 RT: 9.88 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

Tgt Ion:152 Resp: 141520
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 13.9 10.7 16.1





#49

Dimethylphthalate

Concen: 6.051 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampled :

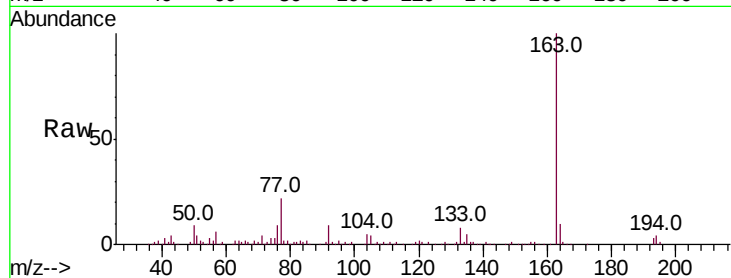
Tot Ion:163 Resp: 162576

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

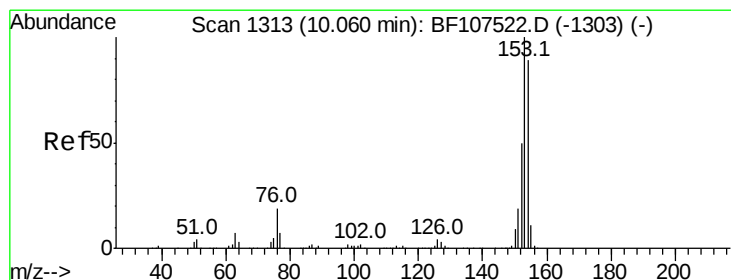
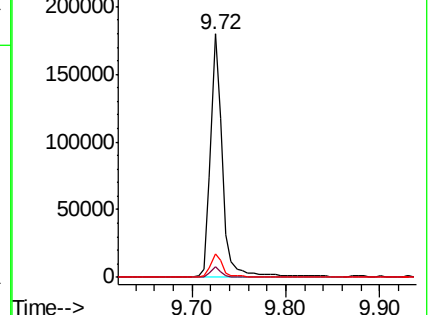
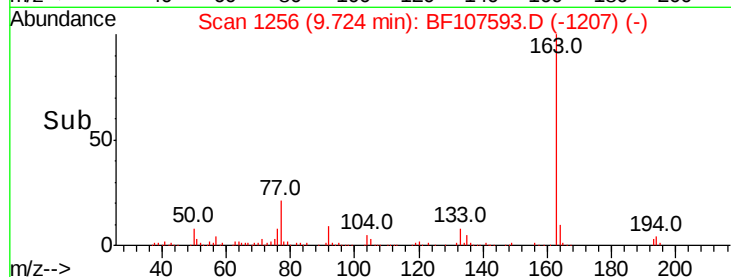
164 9.7 8.2 12.2



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



#51

Acenaphthene

Concen: 5.161 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

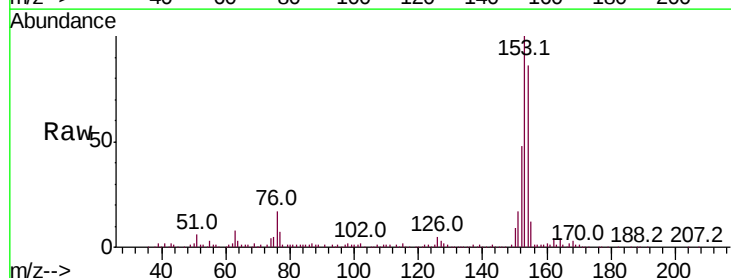
Tgt Ion:154 Resp: 115295

Ion Ratio Lower Upper

154 100

153 116.1 91.2 136.8

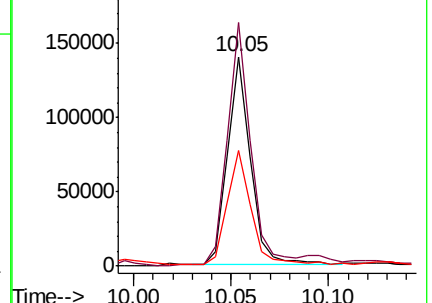
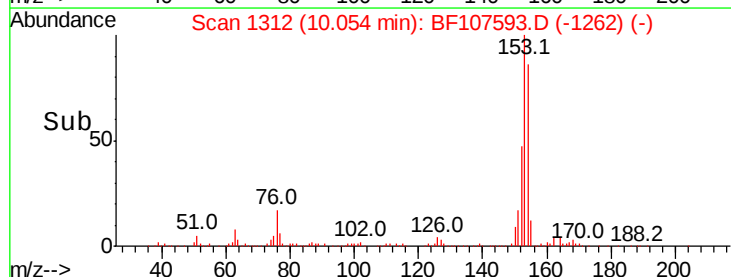
152 55.2 43.8 65.8

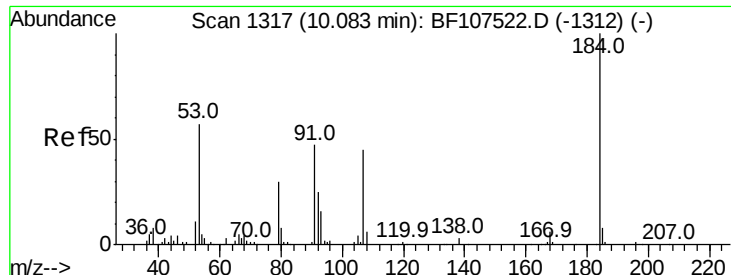


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

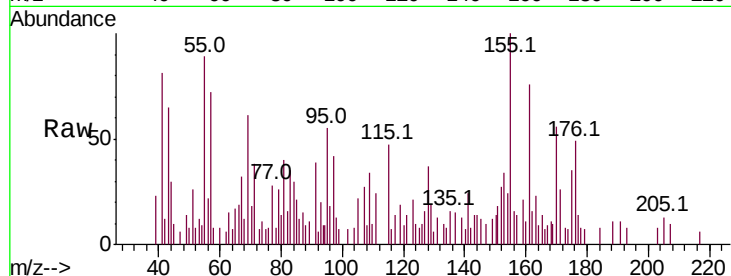




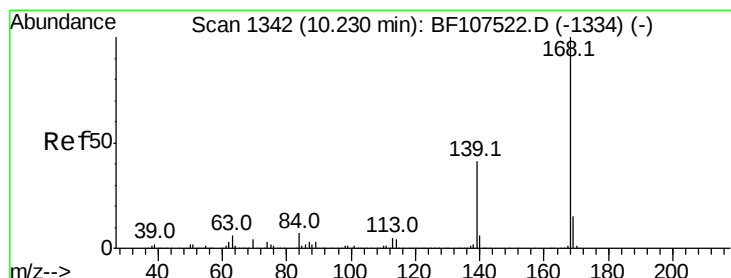
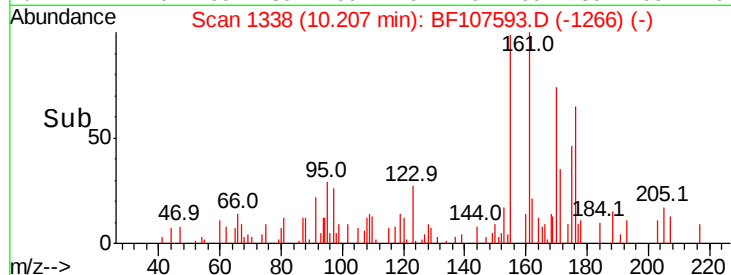
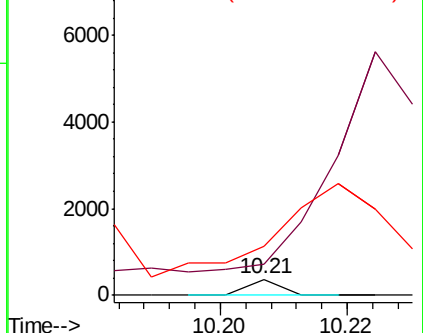
#53
2,4-Dinitrophenol
Concen: 8.352 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.12 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 131
Ion Ratio Lower Upper
184 100
63 195.9 54.2 81.2#
154 305.1 184.0 276.0#

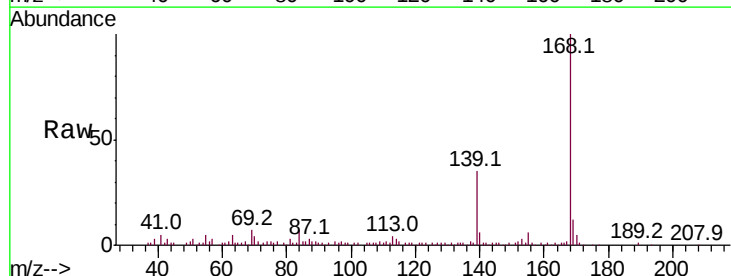


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

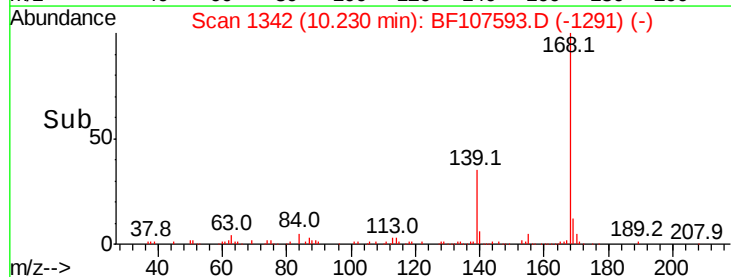
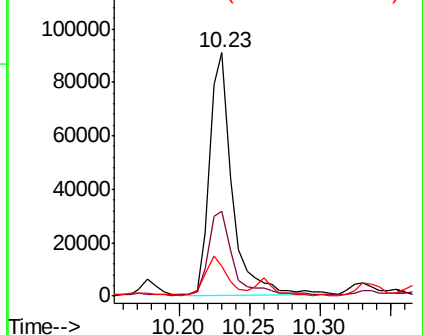


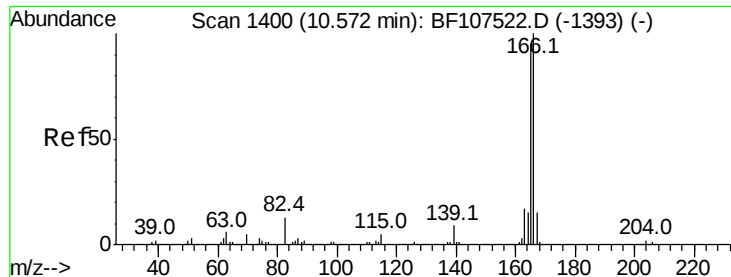
#54
Dibenzofuran
Concen: 3.102 ng
RT: 10.23 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Tgt Ion:168 Resp: 102039
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 12.2 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





#57

Fluorene

Concen: 8.263 ng

RT: 10.57 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

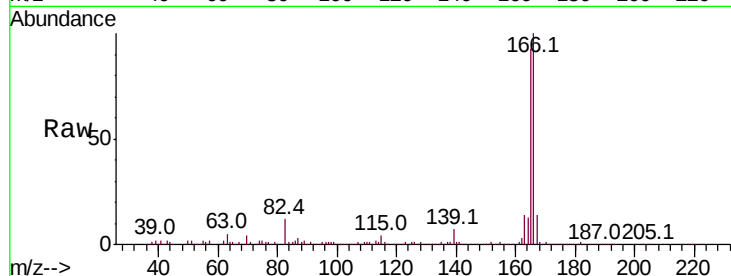
Instrument :

BNA_M

ClientSampleId :

Tot Ion:166 Resp: 193877

Ion	Ratio	Lower	Upper
166	100		
165	92.9	79.8	119.8
167	14.1	10.6	16.0

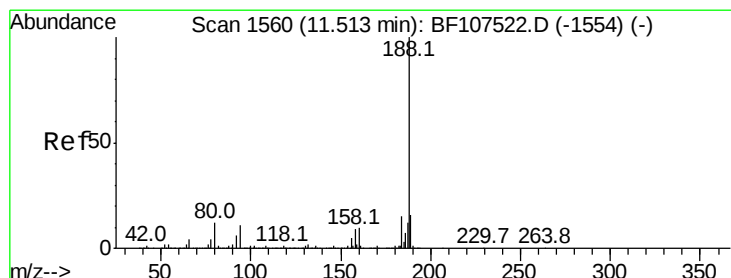
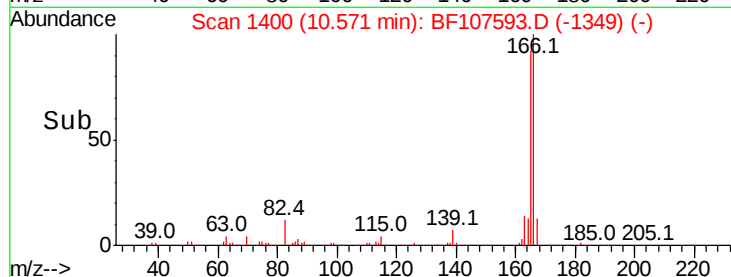
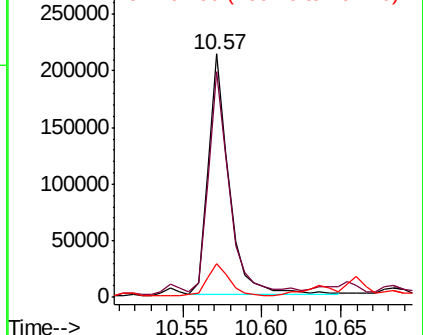


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

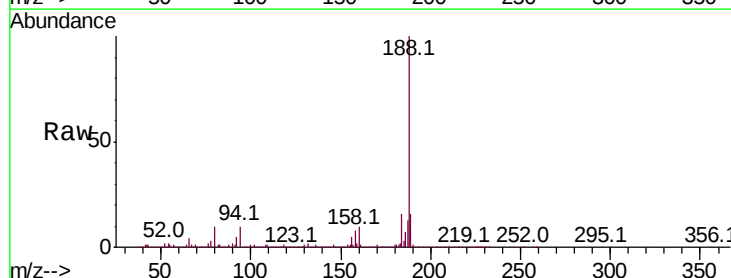
Delta R.T. 0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Tgt Ion:188 Resp: 710974

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.3	9.2	13.8

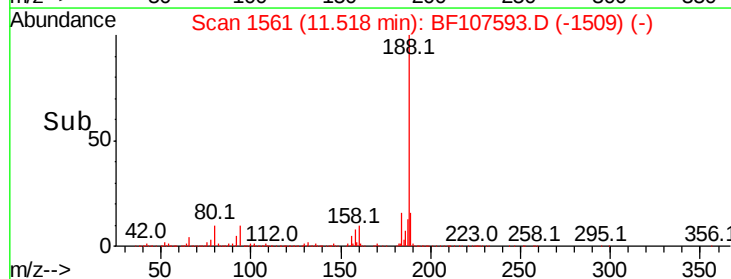
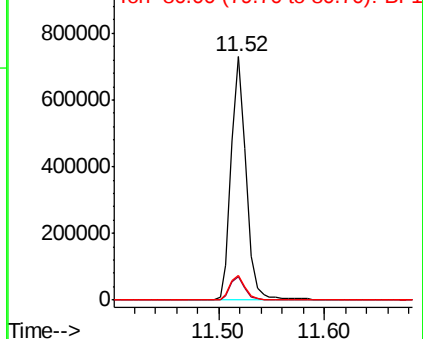


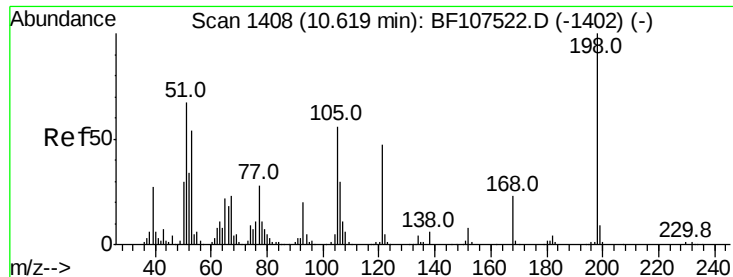
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

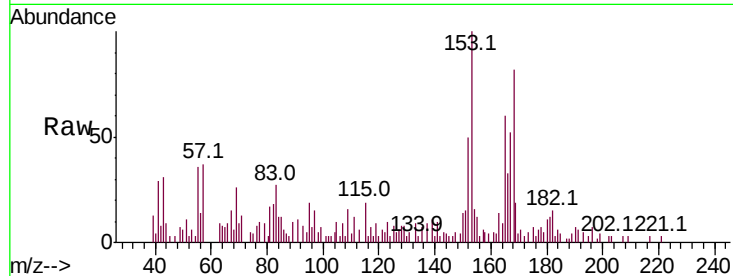




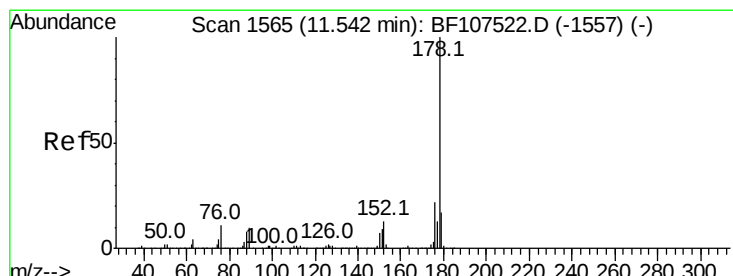
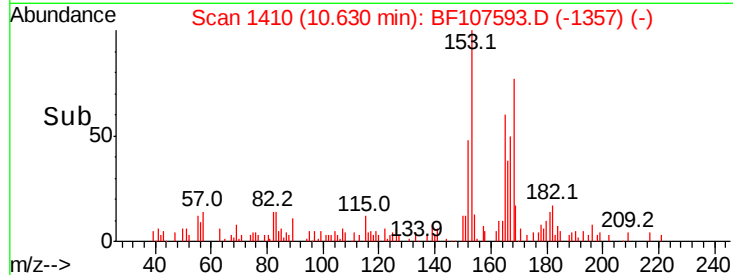
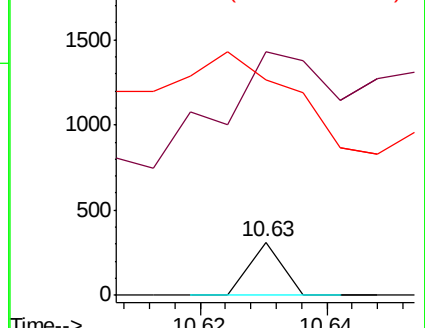
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.707 ng
 RT: 10.63 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:198 Resp: 111
 Ion Ratio Lower Upper
 198 100
 51 455.1 37.7 77.7#
 105 403.8 36.3 76.3#

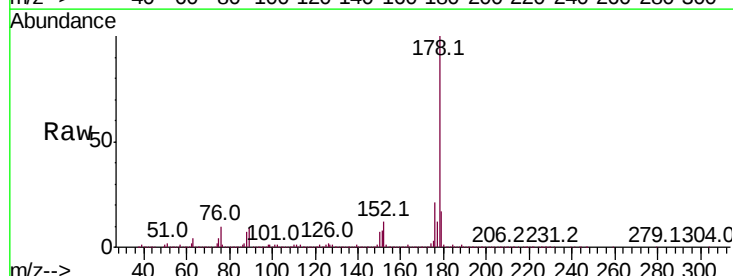


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

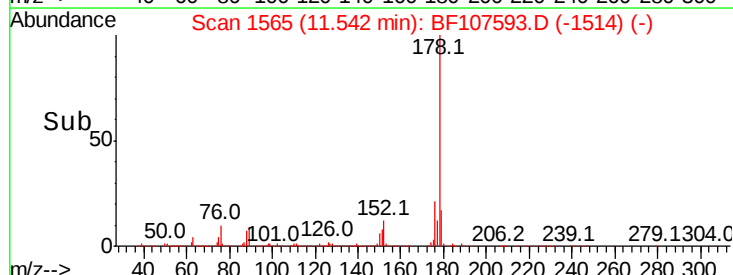
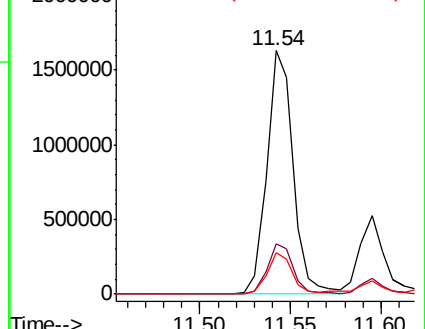


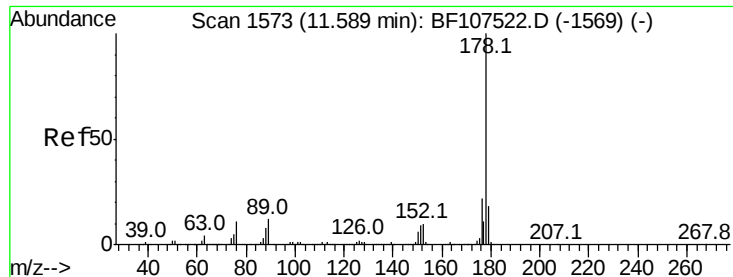
#70
 Phenanthrene
 Concen: 47.178 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

Tgt Ion:178 Resp: 1634524
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 16.8 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

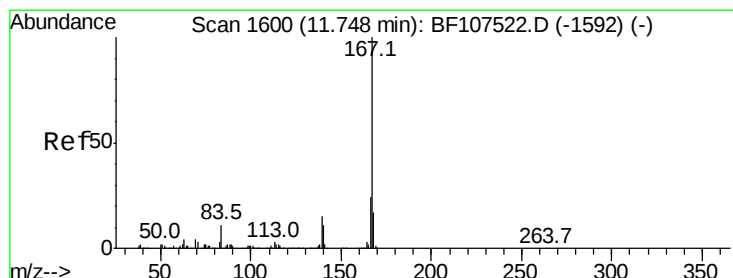
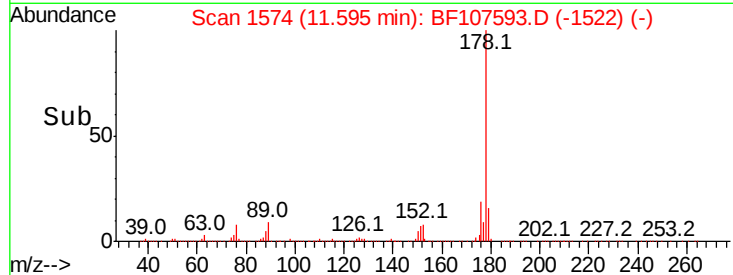
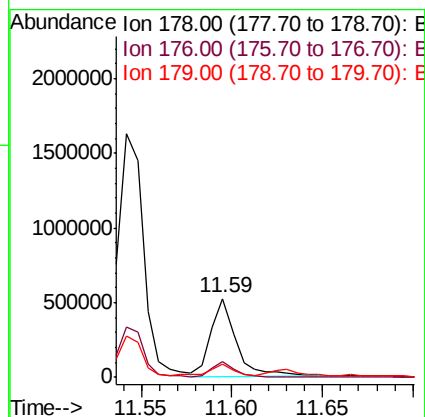
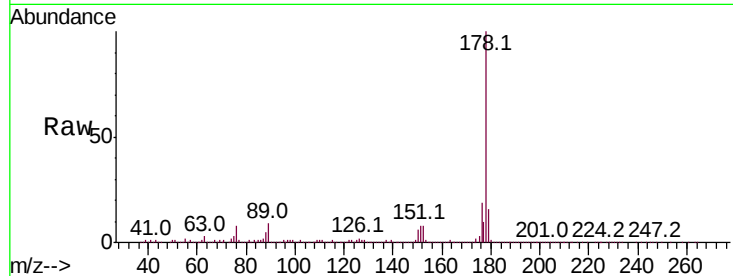




#71
 Anthracene
 Concen: 14.573 ng
 RT: 11.59 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

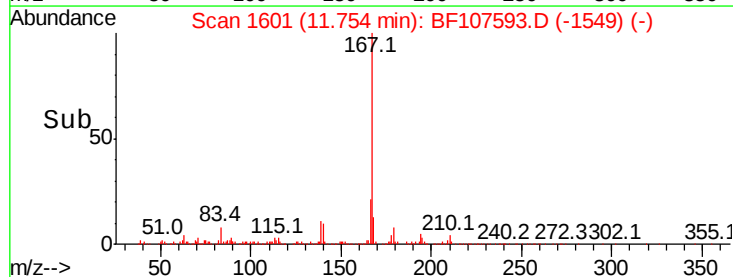
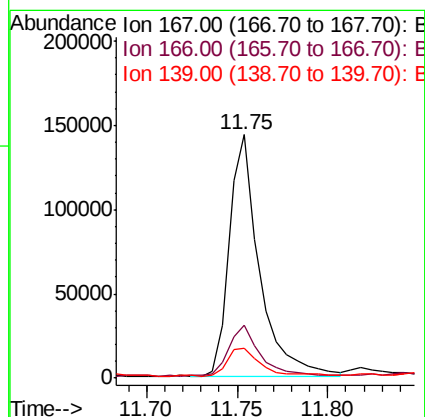
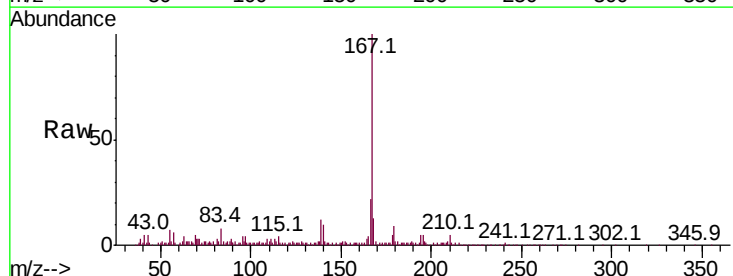
Instrument :
 BNA_M
 ClientSampleId :

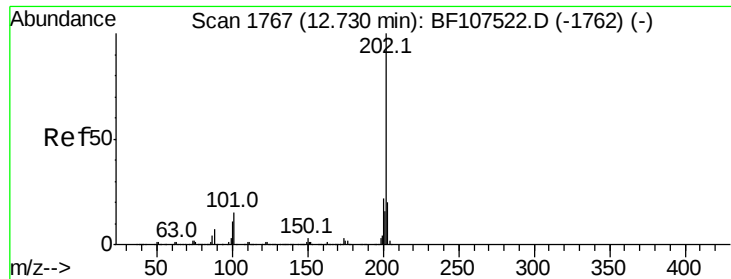
Tot Ion:178 Resp: 508368
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.0 12.6 19.0



#72
 Carbazole
 Concen: 4.584 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

Tgt Ion:167 Resp: 166279
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.0 10.9 16.3





#74

Fluoranthene

Concen: 58.751 ng

RT: 12.74 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampled :

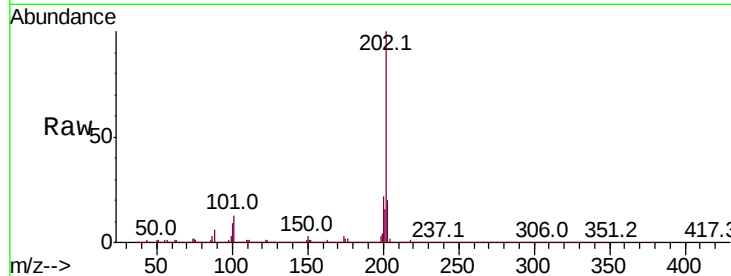
Tot Ion:202 Resp: 2184235

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	20.3	0.0	38.1

202 100

101 12.8 0.0 34.1

203 20.3 0.0 38.1

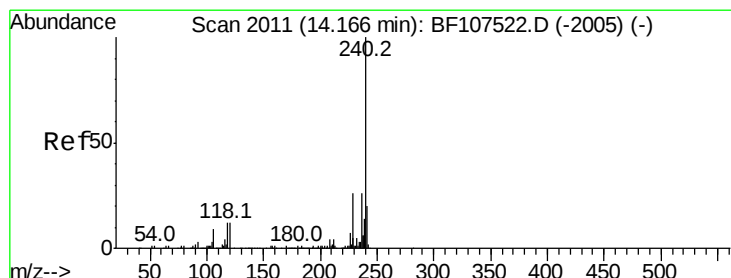
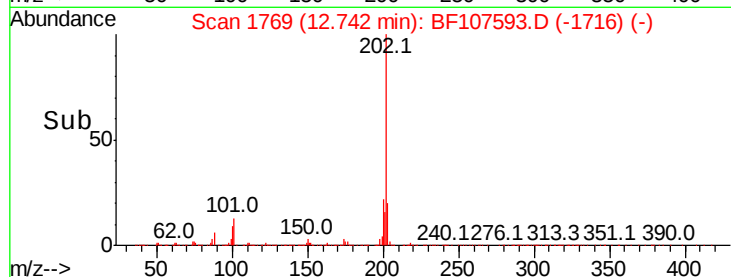
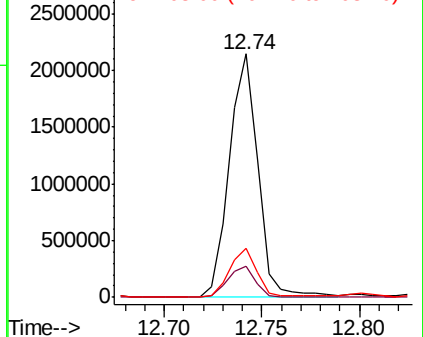


Abundance

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: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

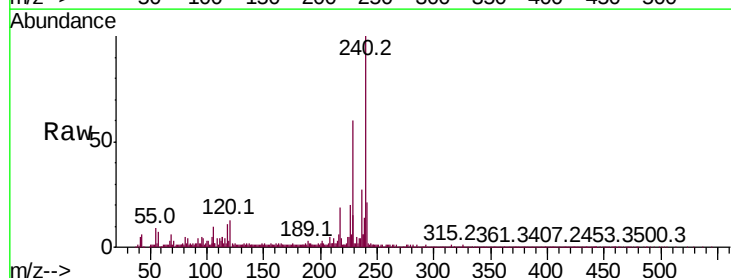
Tgt Ion:240 Resp: 508669

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.6	20.7	31.1

240 100

120 12.5 9.5 14.3

236 26.6 20.7 31.1

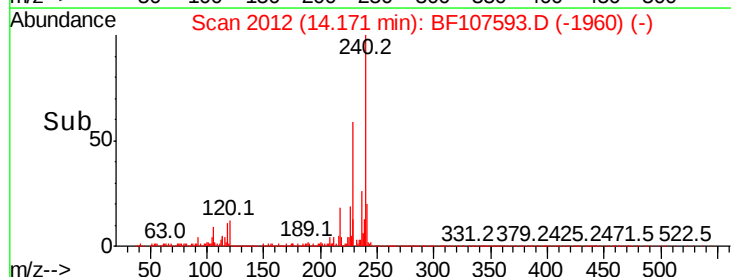
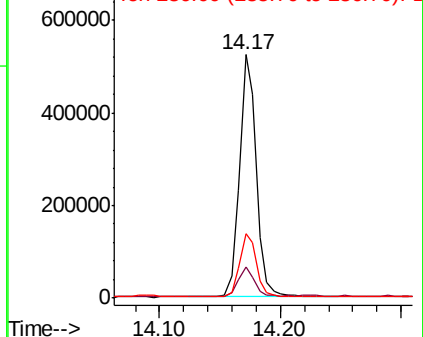


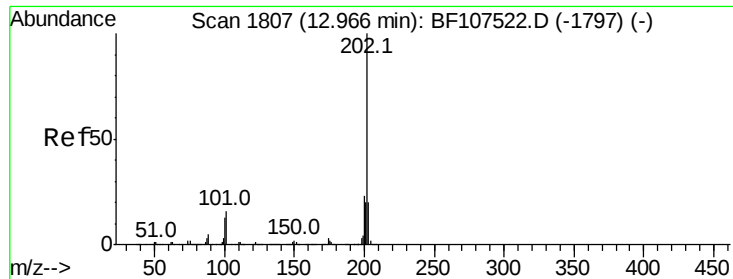
Abundance

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

Pvrene

Concen: 58.629 ng

RT: 12.97 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampleId :

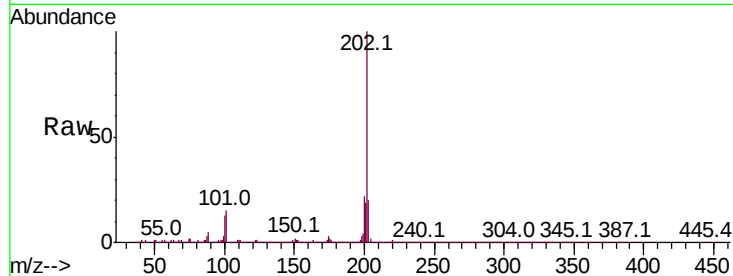
Tot Ion:202 Resp: 2039914

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 19.6 14.3 21.5

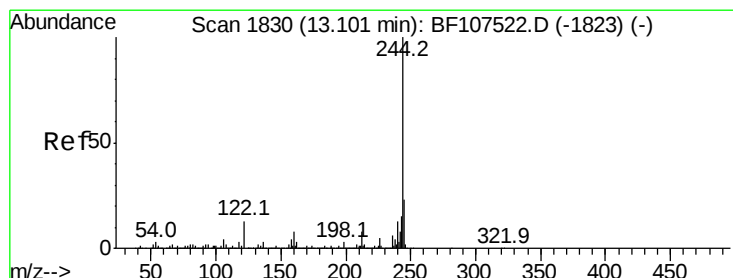
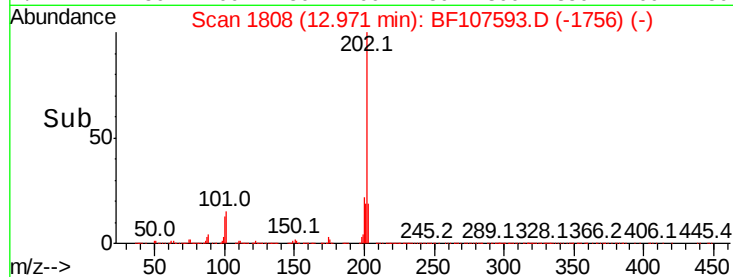
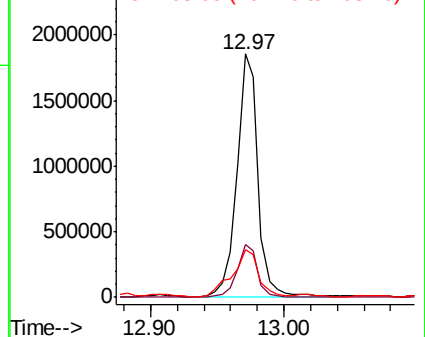


Abundance

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: 44.214 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

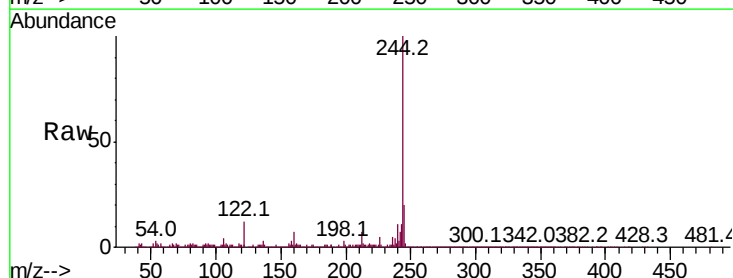
Tgt Ion:244 Resp: 878486

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 12.0 11.0 16.4

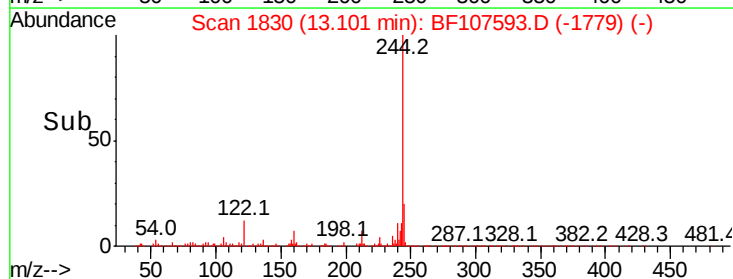
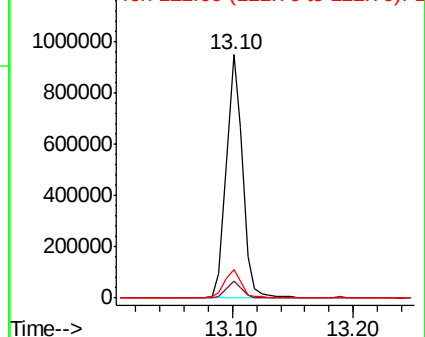


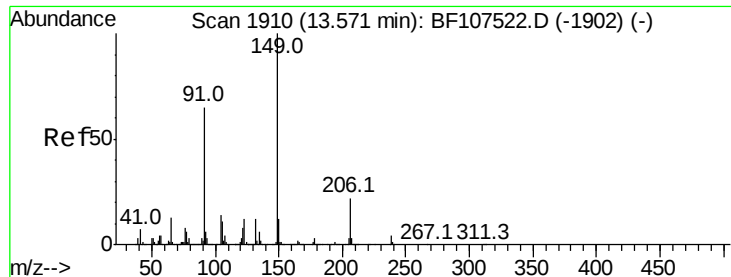
Abundance

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

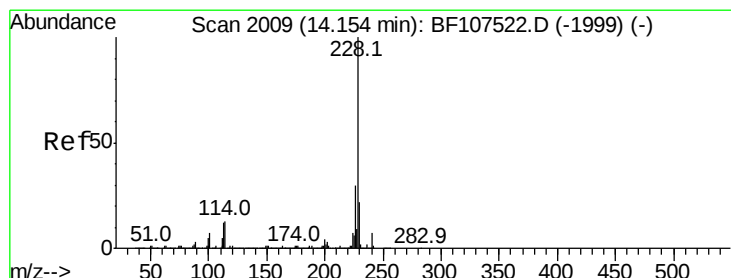
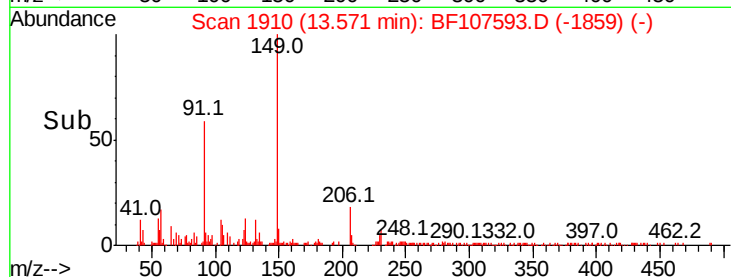
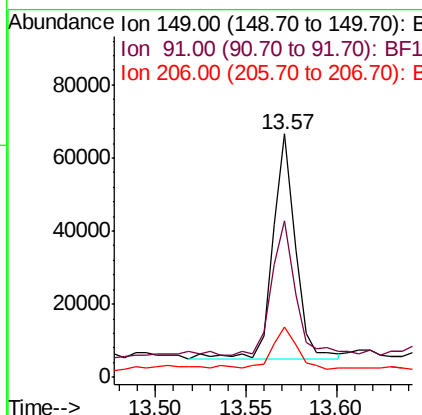
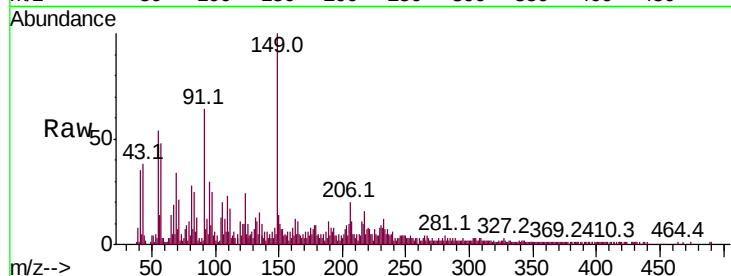




#79
Butylbenzylphthalate
Concen: 3.538 ng
RT: 13.57 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

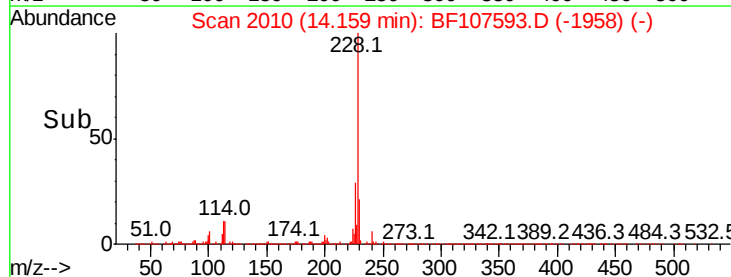
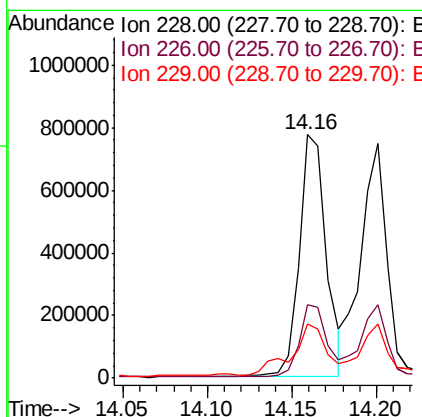
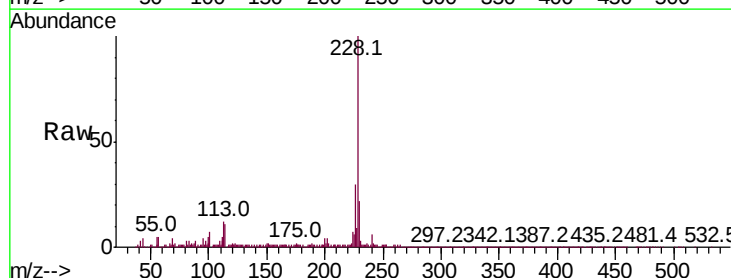
Instrument :
BNA_M
ClientSampleId :

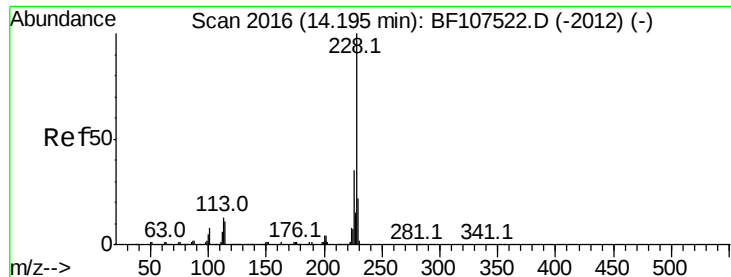
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.3	56.8	85.2
206	20.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 28.882 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	22.2	15.8	23.6





#82

Chrysene

Concen: 28.532 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampled :

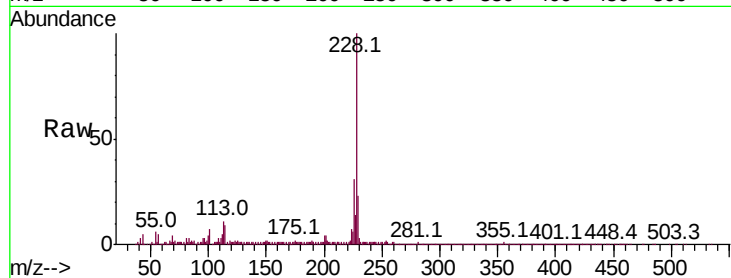
Tot Ion:228 Resp: 817012

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

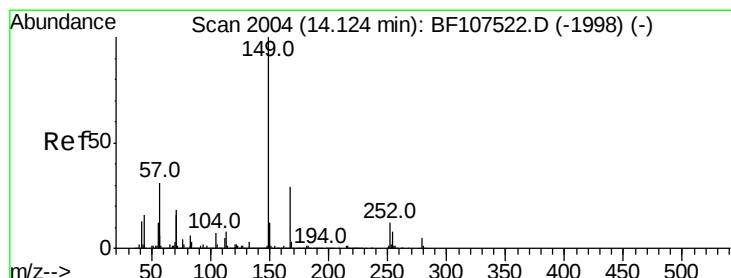
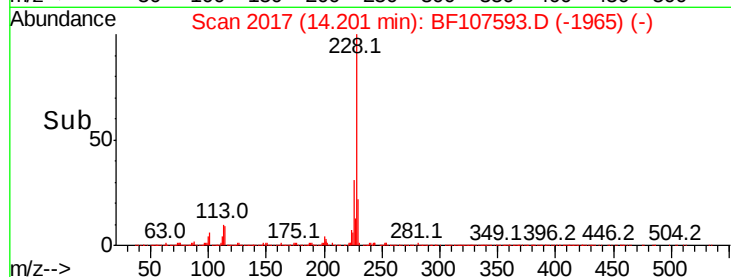
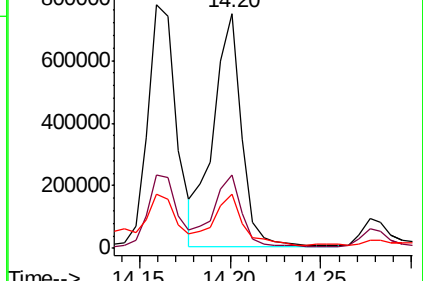
229 23.0 16.2 24.4



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: 4.205 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

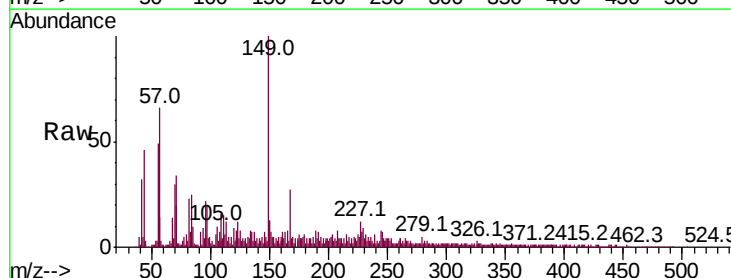
Tgt Ion:149 Resp: 88776

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

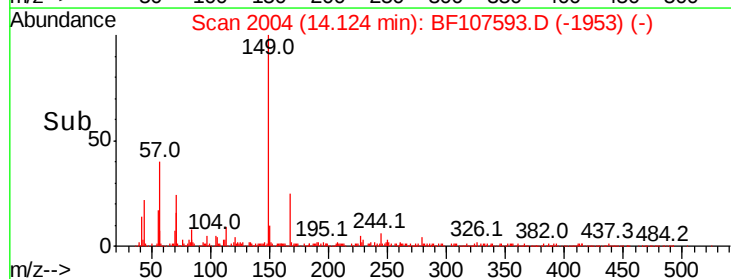
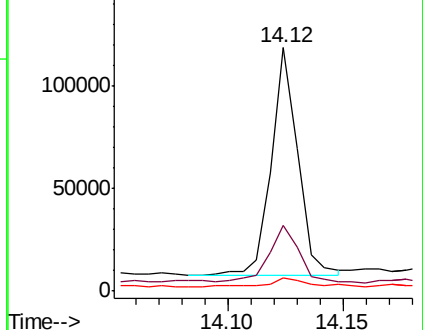
279 5.3 3.0 4.4#

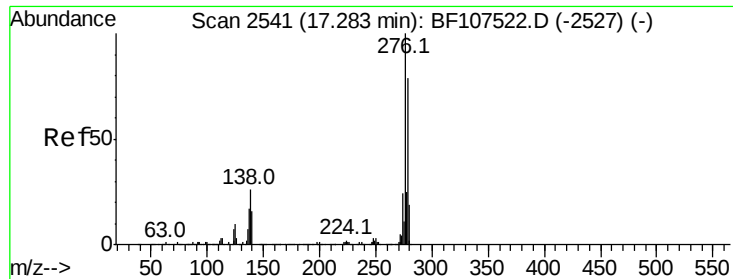


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

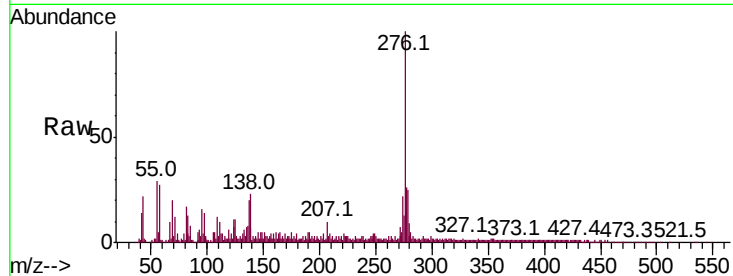




#85
Indeno(1,2,3-cd)pyrene
Concen: 13.391 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.4	20.1	30.1

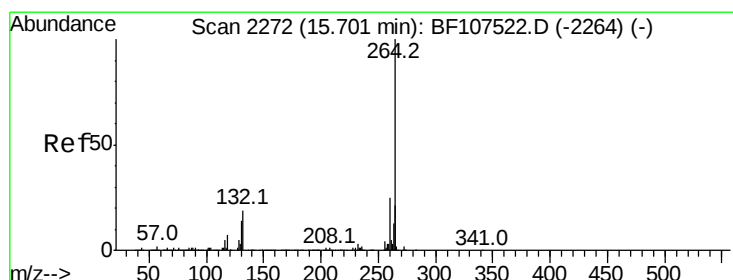
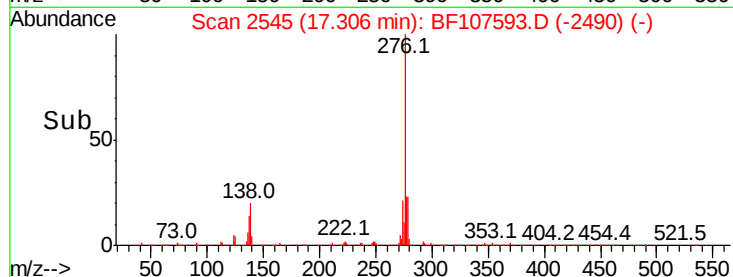
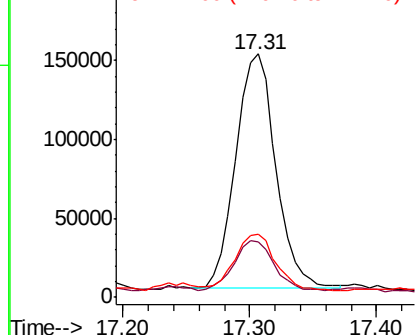


Abundance

Ion 276.00 (275.70 to 276.70): E

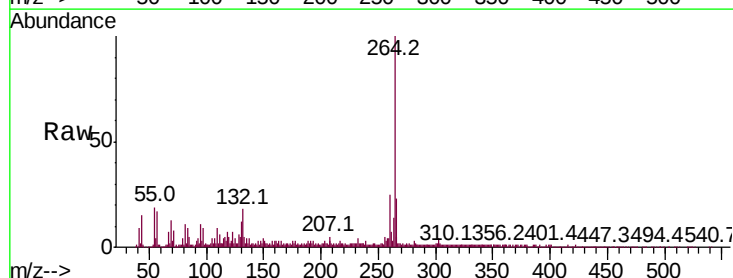
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF107593.D
Acq: 23 Jul 2018 17:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.8	17.5	26.3

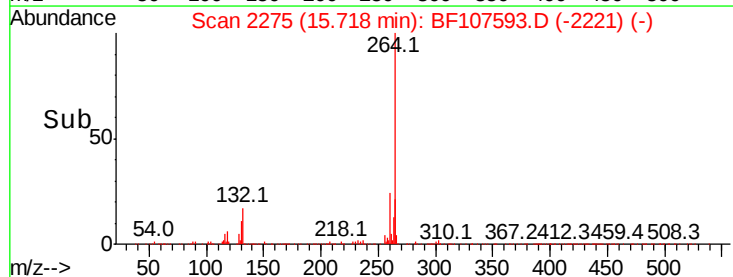
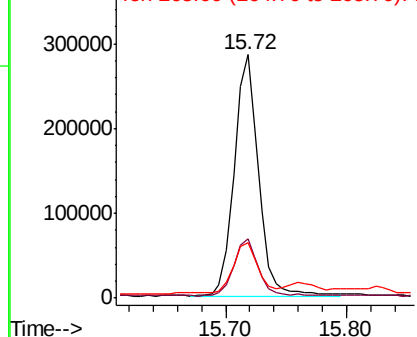


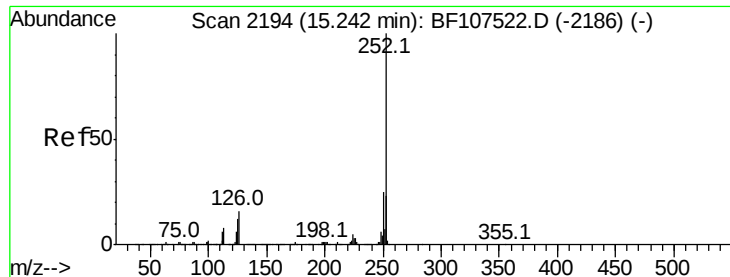
Abundance

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: 45.180 ng

RT: 15.25 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampled :

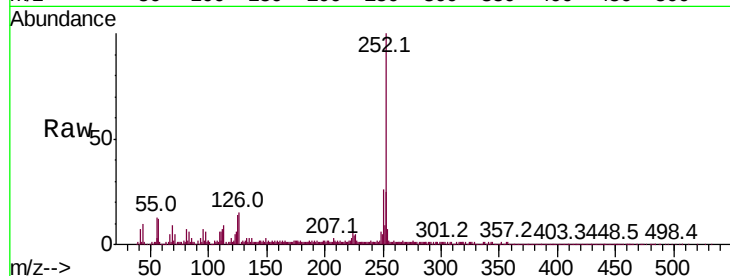
Tot Ion:252 Resp: 984218

Ion Ratio Lower Upper

252 100

253 25.1 17.0 25.6

125 14.2 9.0 13.6#

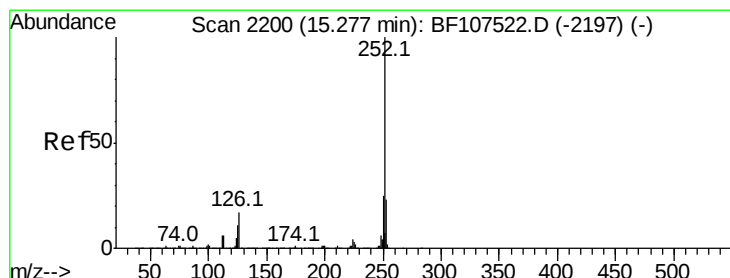
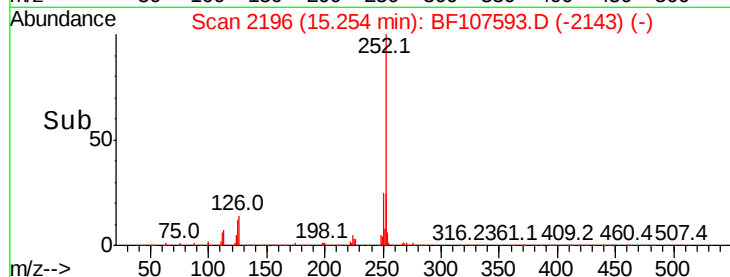
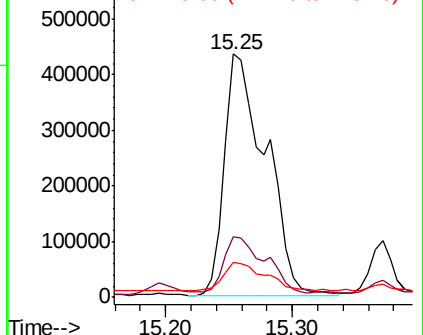


Abundance

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: 46.116 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

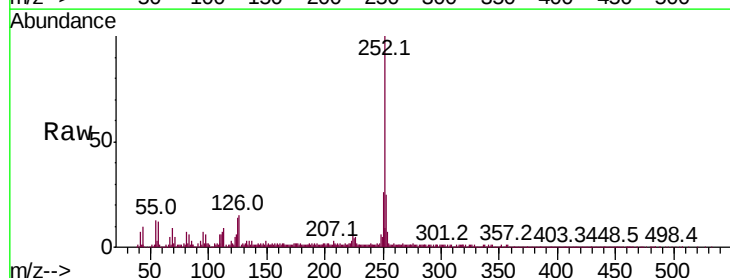
Tgt Ion:252 Resp: 984218

Ion Ratio Lower Upper

252 100

253 25.1 17.9 26.9

125 14.2 10.2 15.2

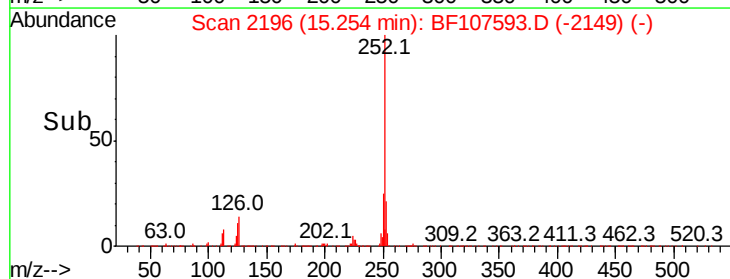
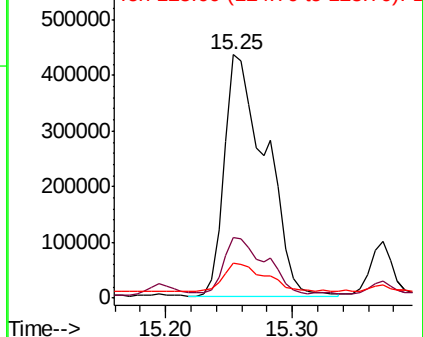


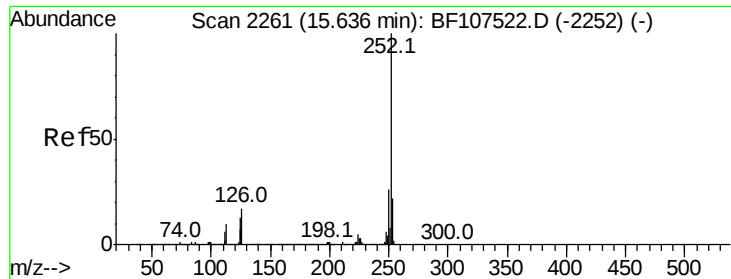
Abundance

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: 27.086 ng

RT: 15.65 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

Instrument :

BNA_M

ClientSampleId :

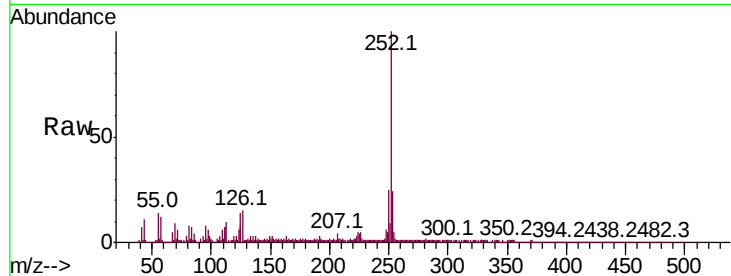
Tot Ion:252 Resp: 539732

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

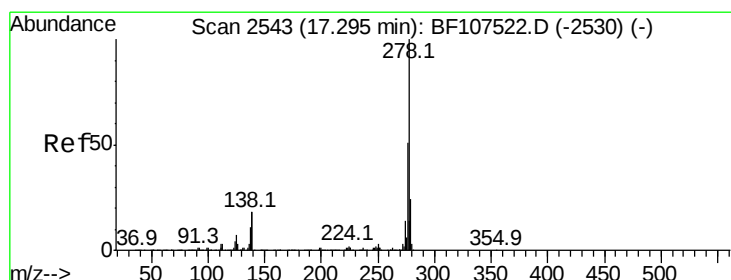
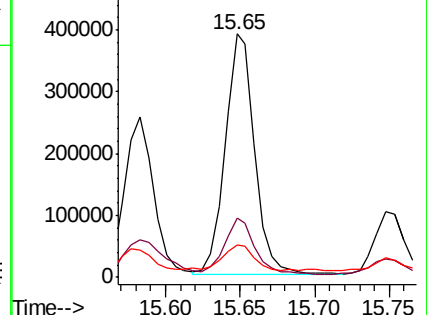
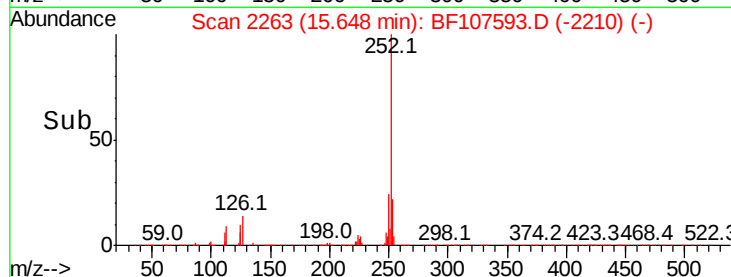
125 13.5 9.8 14.6



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: 4.792 ng

RT: 17.31 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF107593.D

Acq: 23 Jul 2018 17:31

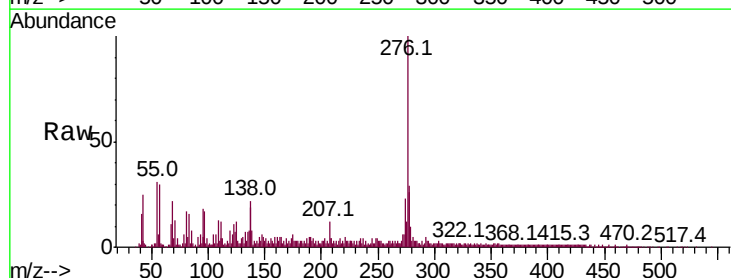
Tgt Ion:278 Resp: 82536

Ion Ratio Lower Upper

278 100

139 26.2 15.9 23.9#

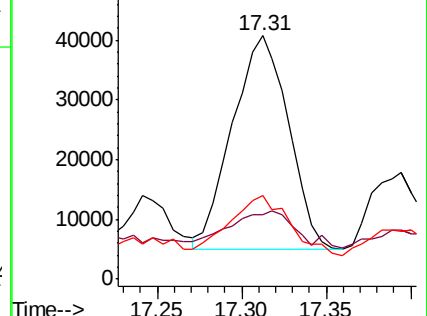
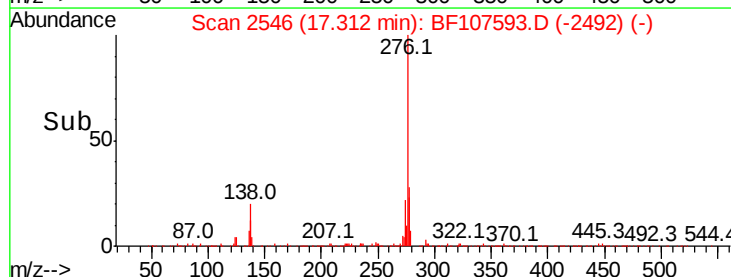
279 34.6 19.0 28.4#

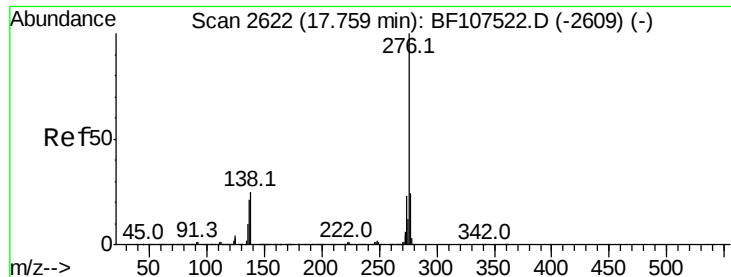


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 18.524 ng
 RT: 17.79 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF107593.D
 Acq: 23 Jul 2018 17:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.8	17.9	26.9#
138	23.1	21.8	32.8

