

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071918\
 Data File : BF107514.D
 Acq On : 19 Jul 2018 18:52
 Operator : JU/SJ
 Sample : J4054-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 159-RR-FLOOR

Quant Time: Jul 20 01:24:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

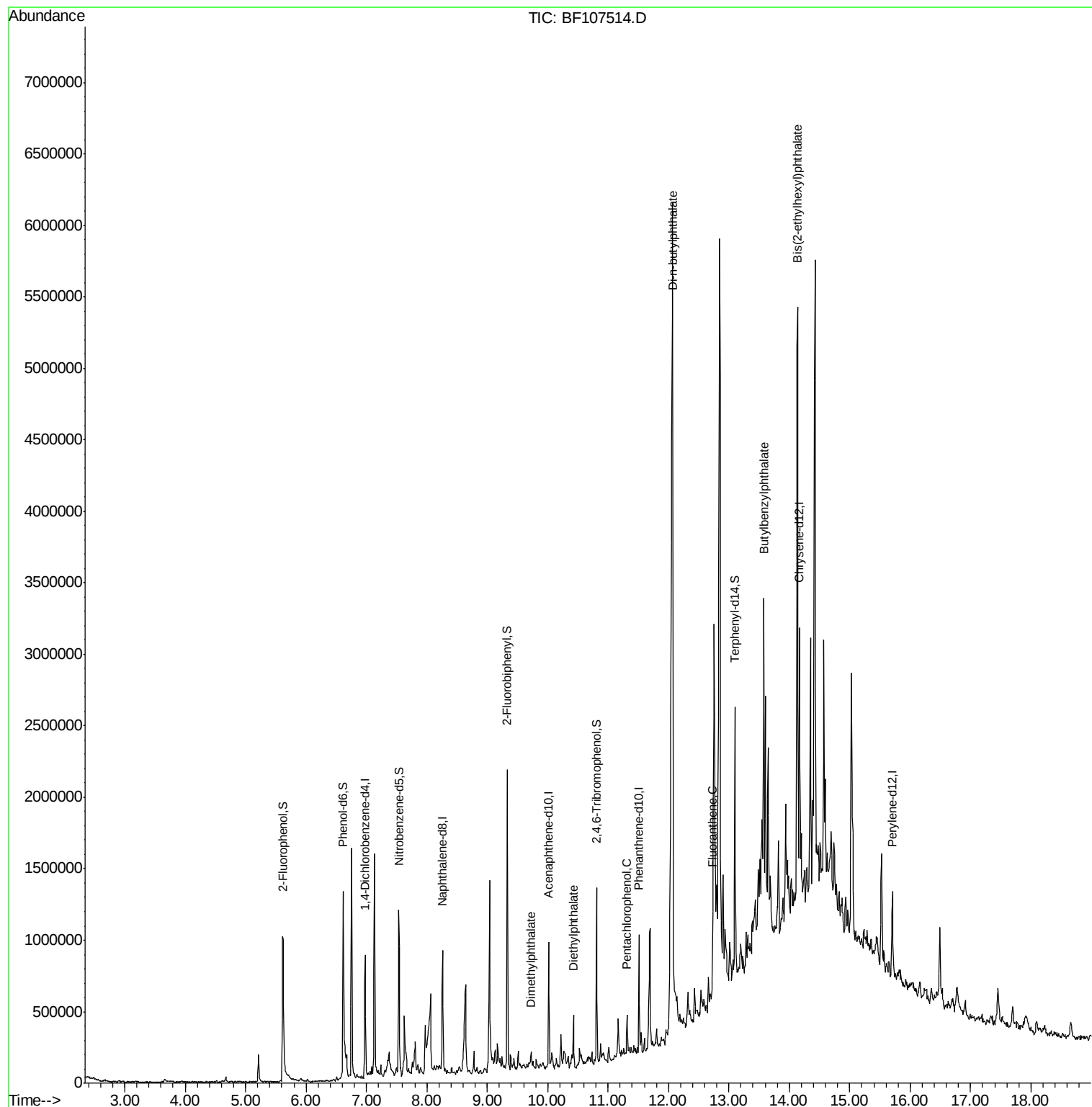
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	90773	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	313685	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	139959	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	263115	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	240887	20.00	ng	-0.01
86) Perylene-d12	15.71	264	272984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	351208	58.76	ng	0.00
7) Phenol-d6	6.61	99	467273	60.47	ng	0.00
23) Nitrobenzene-d5	7.54	82	344486	58.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	93261	75.84	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	568159	65.15	ng	-0.02
78) Terphenyl-d14	13.10	244	542965	56.00	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.72	163	26716	2.402	ng	# 94
59) Diethylphthalate	10.42	149	108537	10.047	ng	# 99
69) Pentachlorophenol	11.31	266	21077	10.235	ng	# 79
73) Di-n-butylphthalate	12.07	149	173174	12.187	ng	# 98
74) Fluoranthene	12.73	202	35492	2.381	ng	# 90
79) Butylbenzylphthalate	13.58	149	349925	58.645	ng	# 87
83) Bis(2-ethylhexyl)phthalate	14.14	149	1198974	140.224	ng	# 93

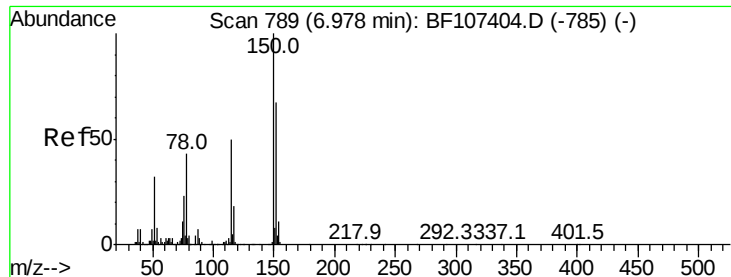
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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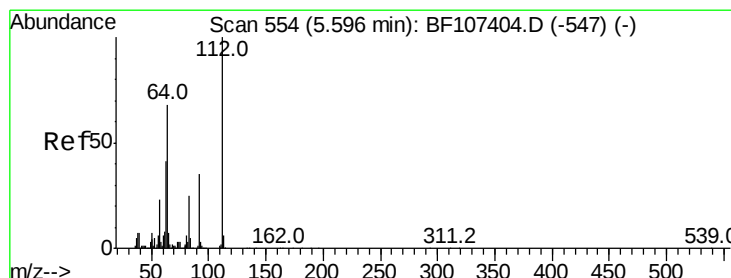
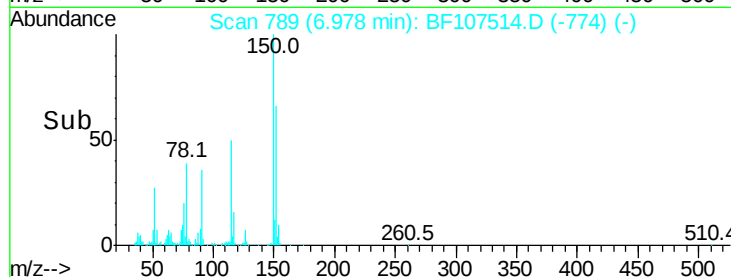
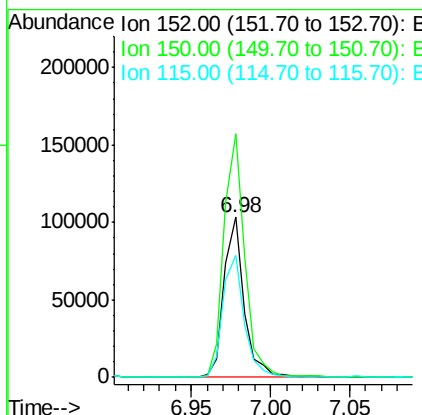
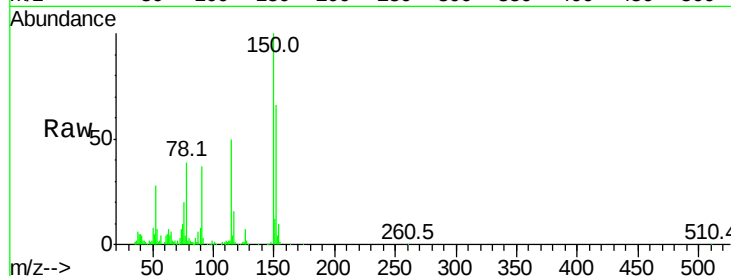


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
159-RR-FLOOR

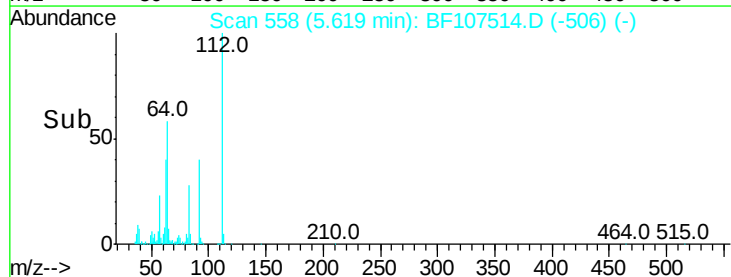
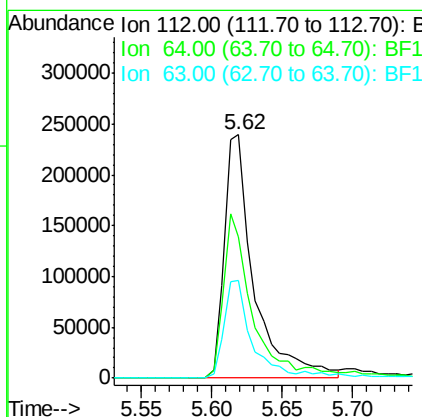
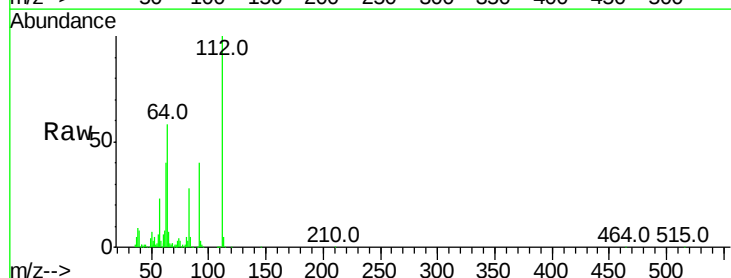
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.6	186.8
115	76.5	50.1	75.1#

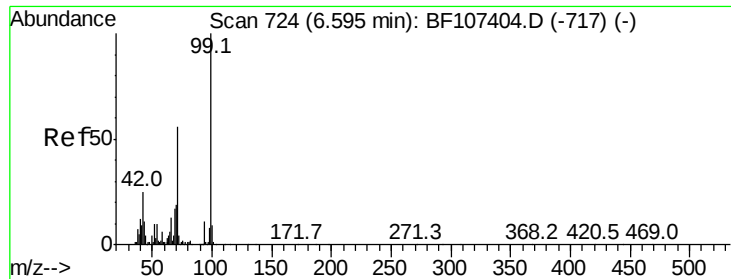


#5

2-Fluorophenol
Concen: 58.761 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	40.0	23.7	35.5#





#7

Phenol-d6

Concen: 60.470 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

Instrument :

BNA_F

ClientSampleId :

159-RR-FLOOR

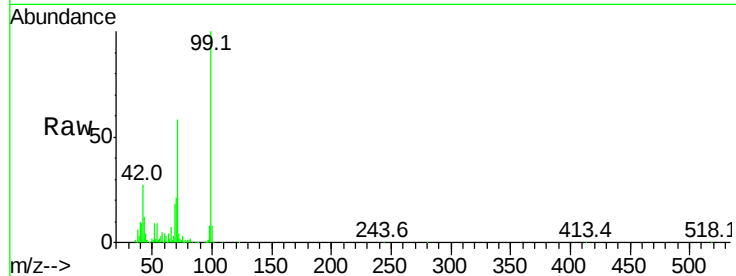
Tot Ion: 99 Resp: 467273

Ion Ratio Lower Upper

99 100

42 26.5 14.5 21.7#

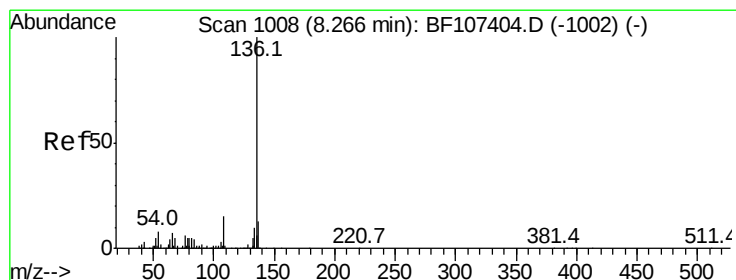
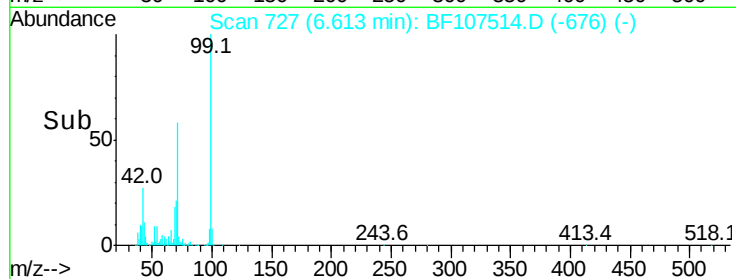
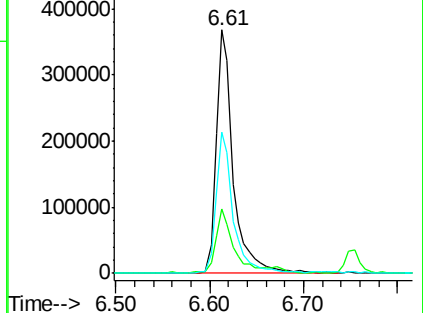
71 58.1 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

Tgt Ion: 136 Resp: 313685

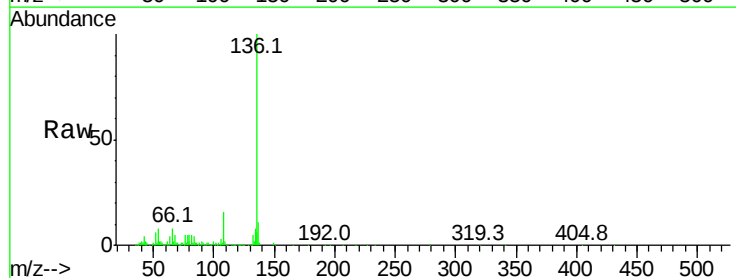
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.4 6.6 9.8

68 4.7 5.0 7.4#

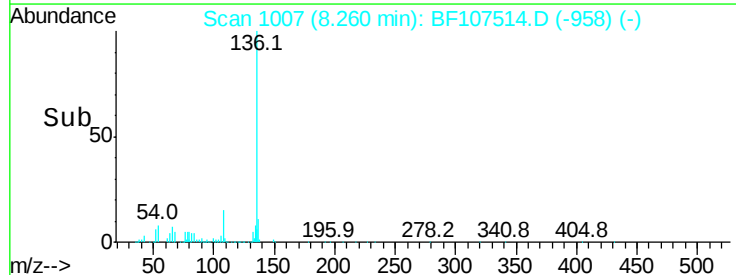
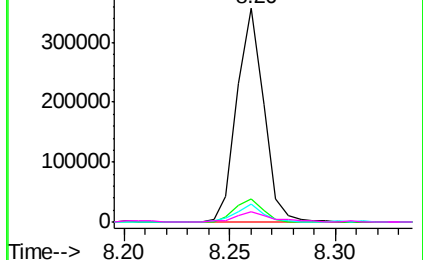


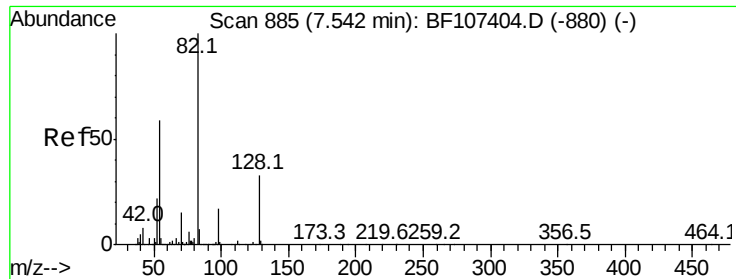
Abundance Ion 136.00 (135.70 to 136.70): E

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

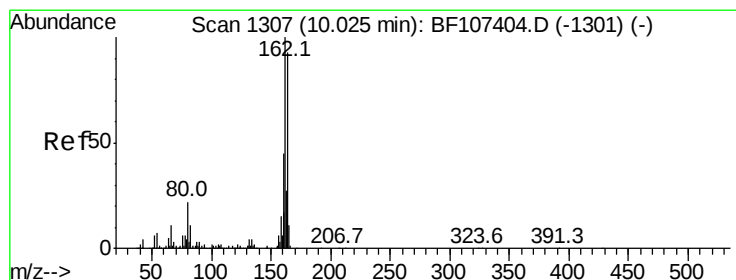
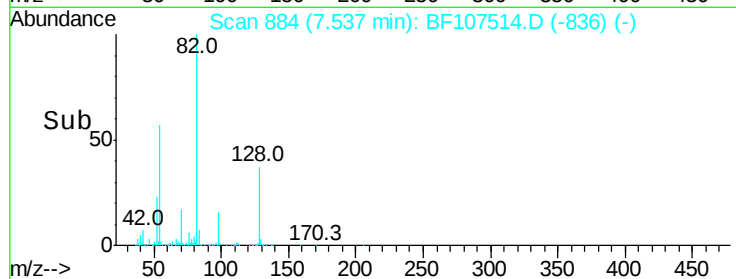
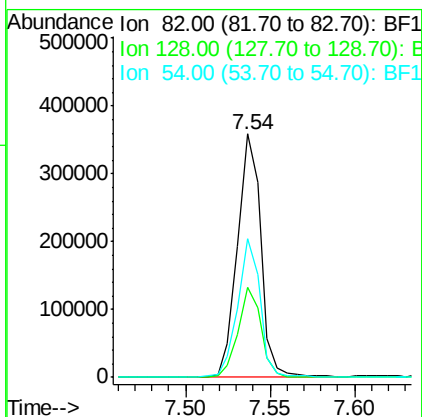
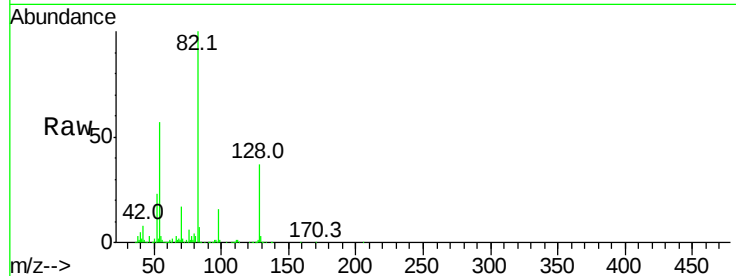




#23
 Nitrobenzene-d5
 Concen: 58.560 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

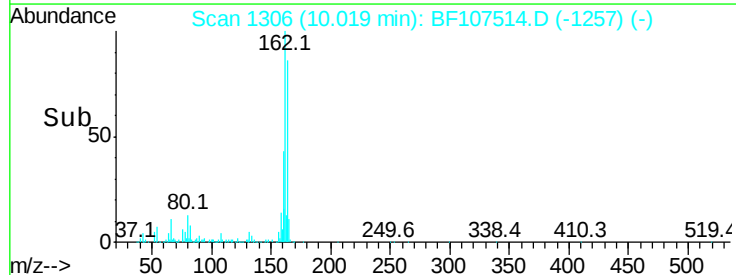
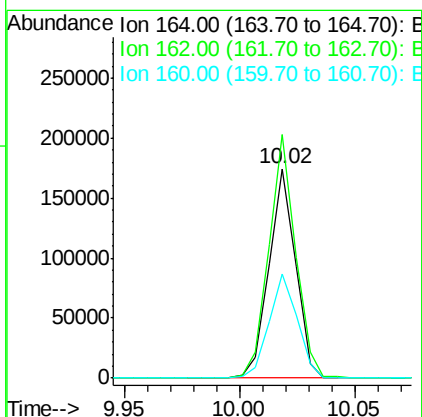
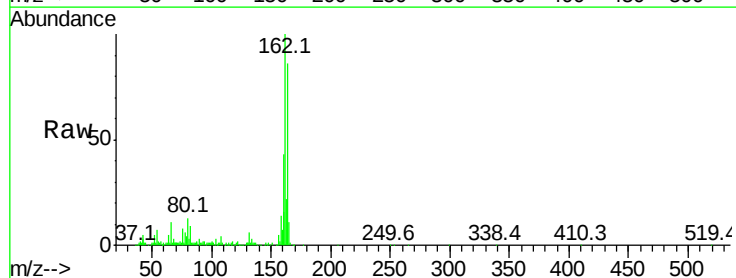
Instrument :
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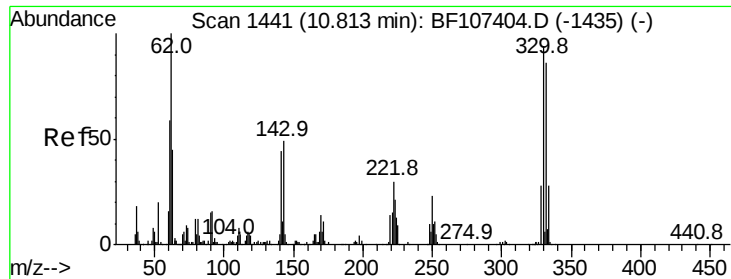
Tot Ion	82	Resp	344486
Ion	Ratio	Lower	Upper
82	100		
128	37.0	36.1	54.1
54	56.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

Tgt Ion	164	Resp	139959
Ion	Ratio	Lower	Upper
164	100		
162	116.2	86.1	129.1
160	49.8	38.3	57.5

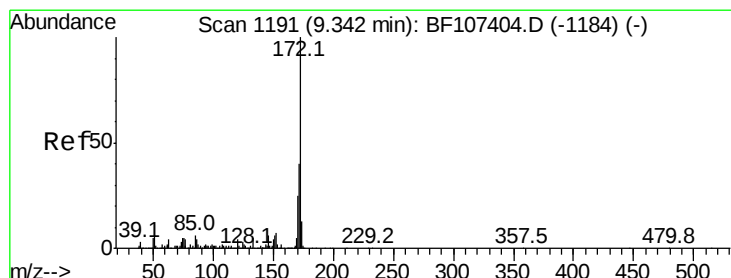
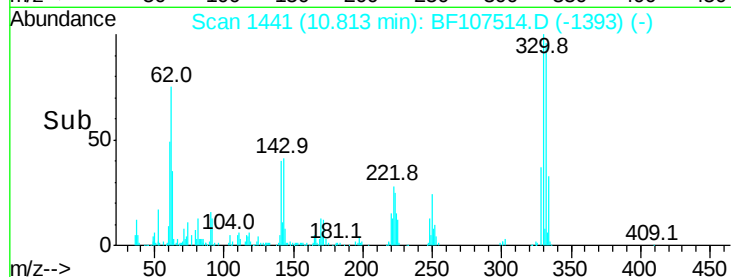
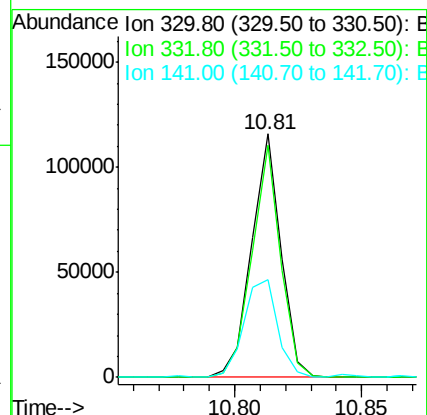
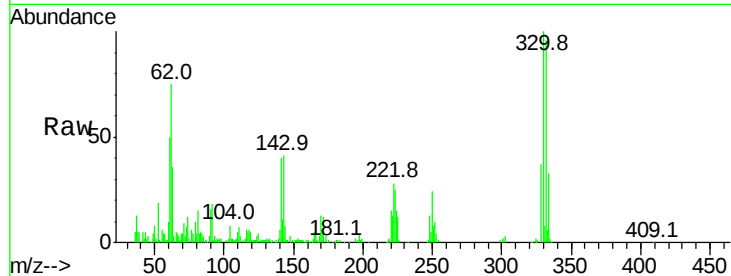




#41
 2,4,6-Tribromophenol
 Concen: 75.840 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

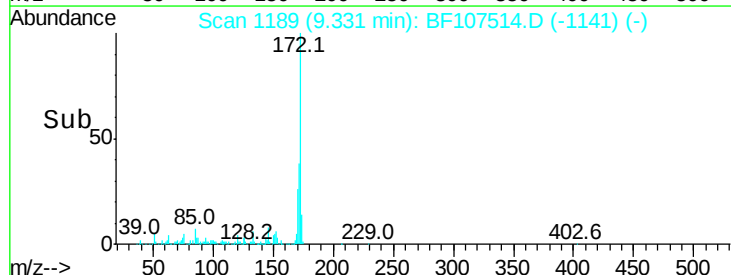
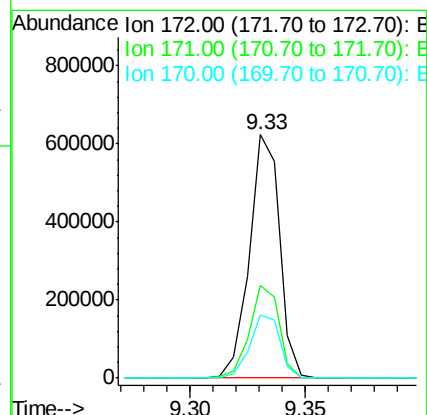
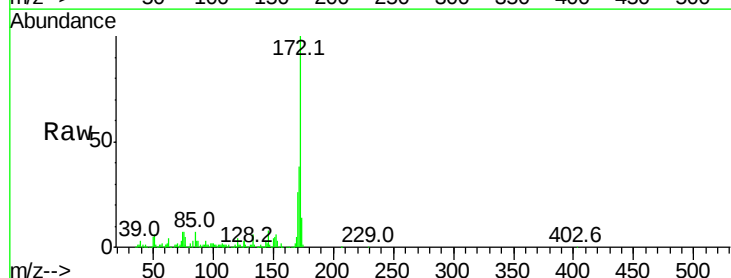
Instrument :
 BNA_F
 ClientSampleId :
 159-RR-FLOOR

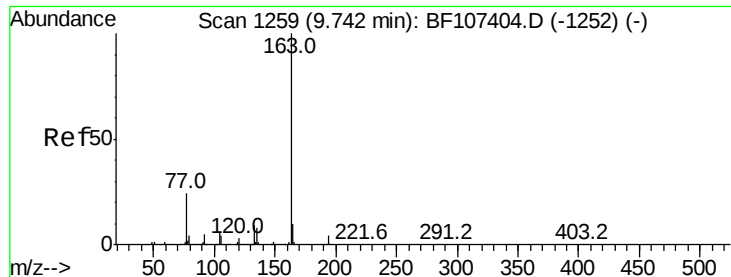
Tot Ion:330 Resp: 93261
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 46.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 65.154 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

Tgt Ion:172 Resp: 568159
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.7 44.5
 170 25.7 19.6 29.4

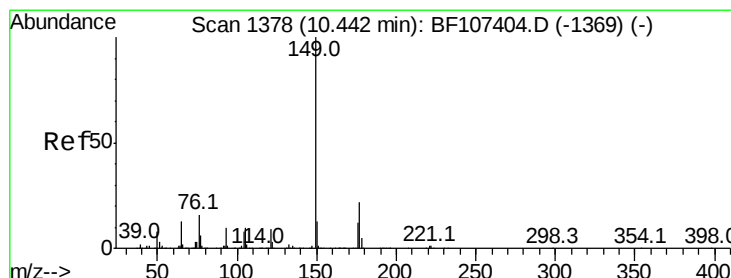
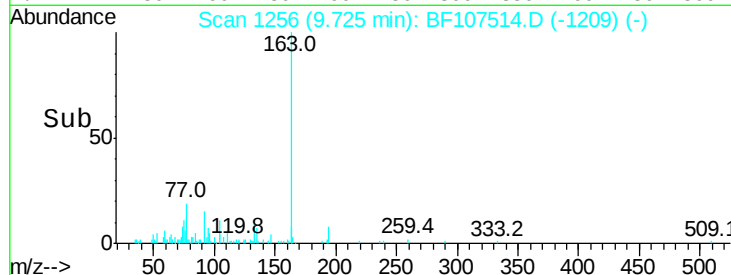
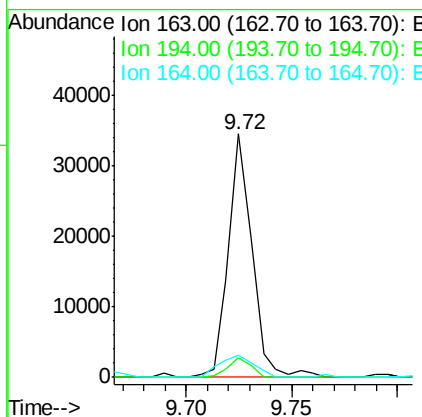
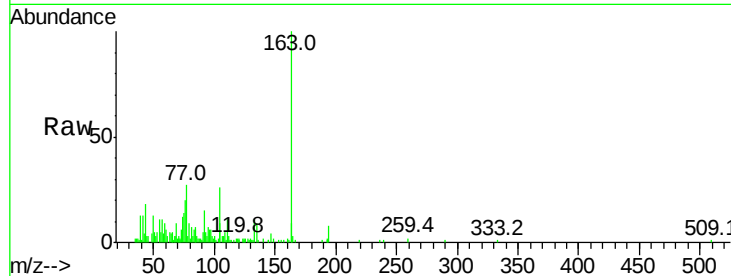




#49
Dimethylphthalate
Concen: 2.402 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

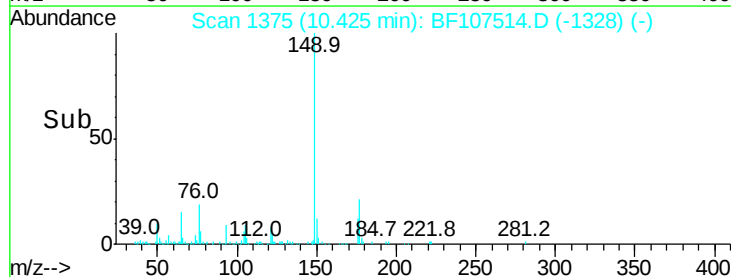
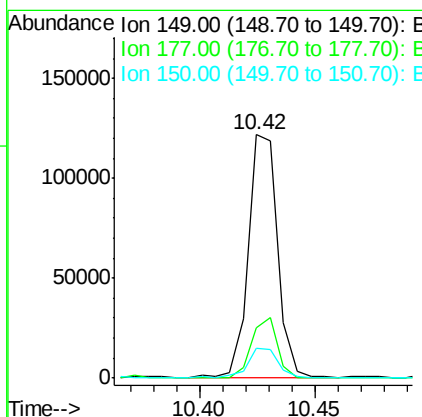
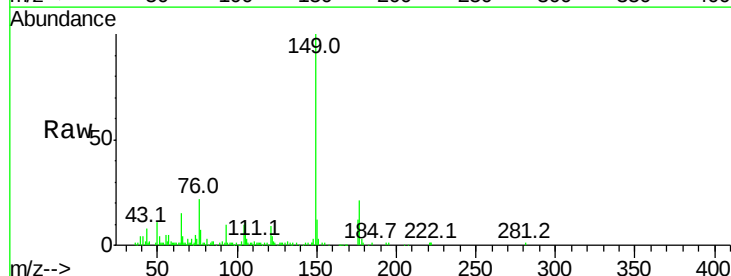
Instrument :
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ClientSampleId :
159-RR-FLOOR

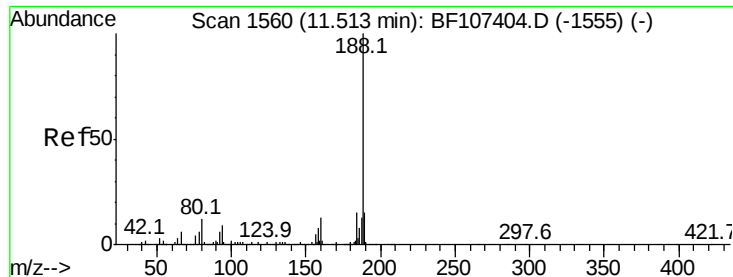
Tot Ion:163 Resp: 26716
Ion Ratio Lower Upper
163 100
194 7.9 2.7 4.1#
164 9.2 8.2 12.2



#59
Diethylphthalate
Concen: 10.047 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Tgt Ion:149 Resp: 108537
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.3 10.1 15.1

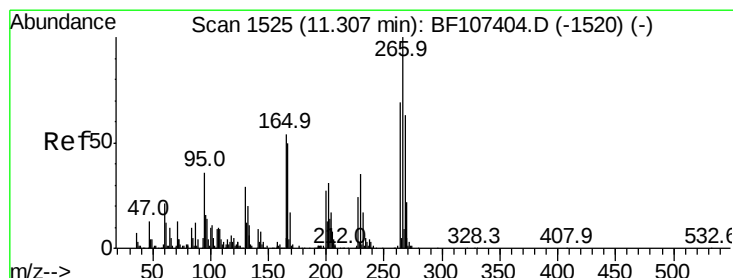
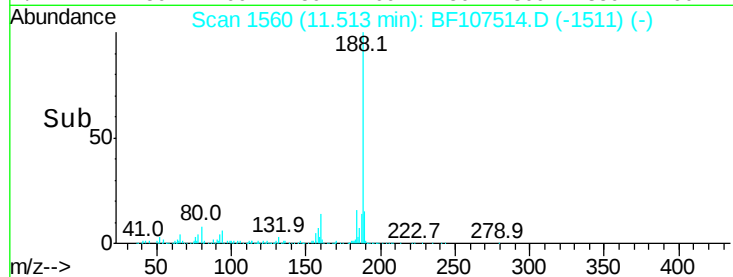
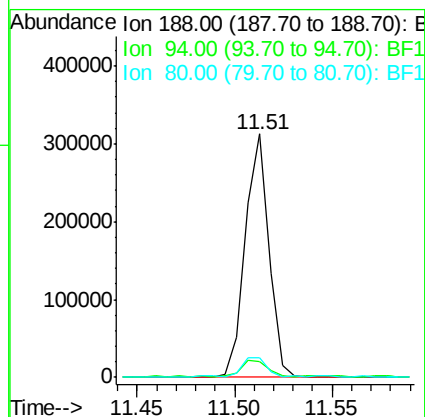
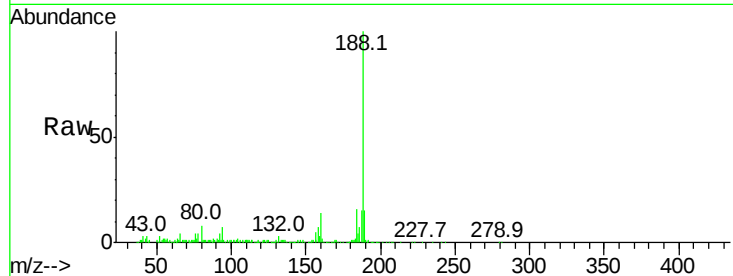




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

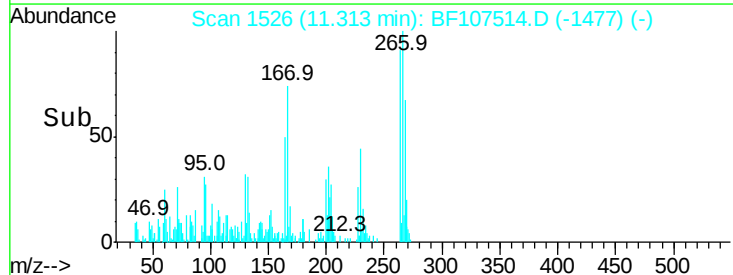
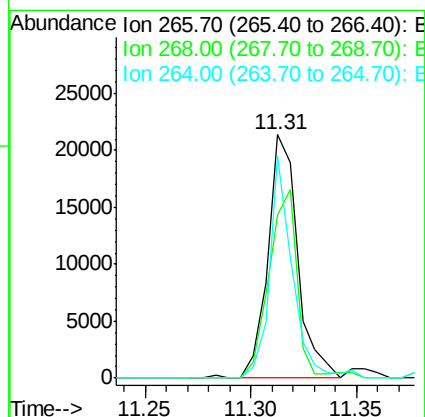
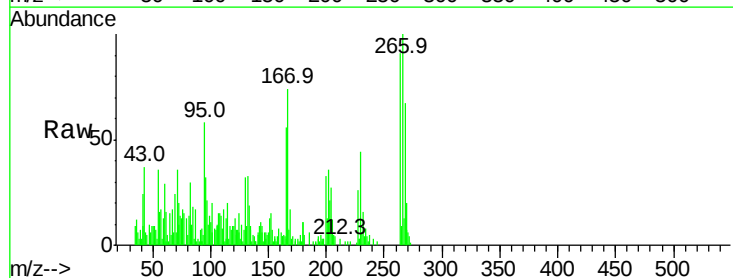
Instrument :
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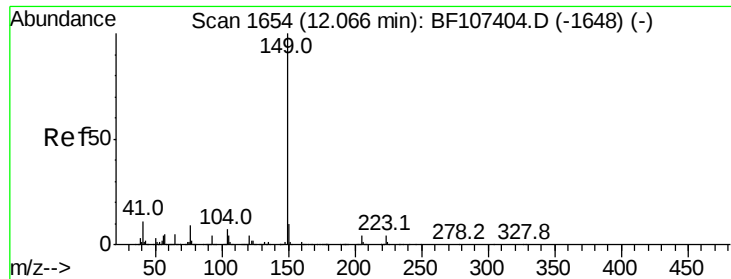
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.5	12.7#
80	7.9	9.2	13.8#



#69
Pentachlorophenol
Concen: 10.235 ng
RT: 11.31 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.1	76.7
264	91.2	49.5	74.3#





#73

Di-n-butylphthalate

Concen: 12.187 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

Instrument :

BNA_F

ClientSampleId :

159-RR-FLOOR

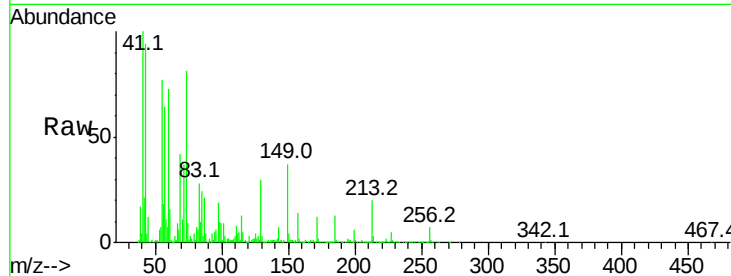
Tot Ion:149 Resp: 173174

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

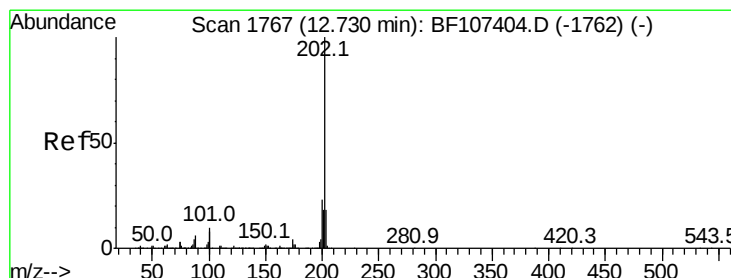
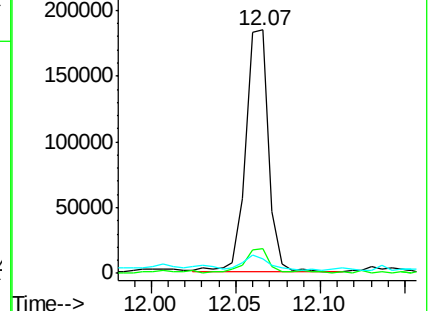
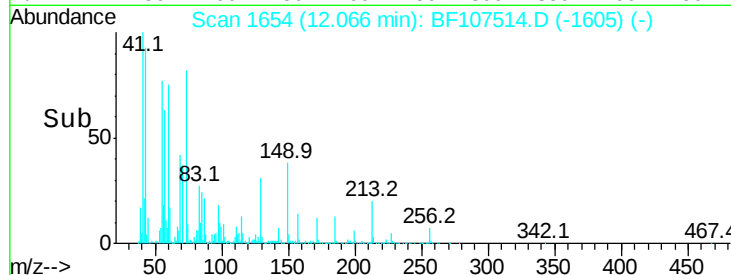
104 5.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.381 ng

RT: 12.73 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

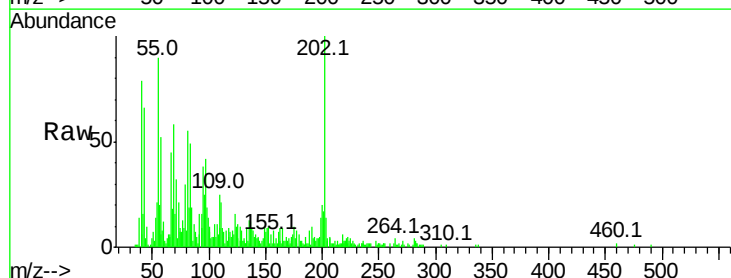
Tgt Ion:202 Resp: 35492

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

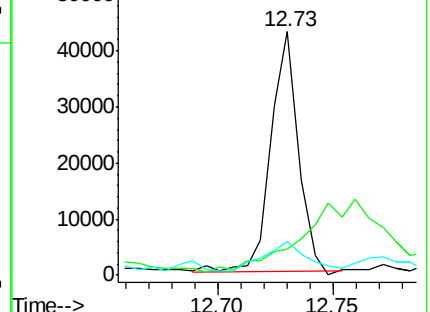
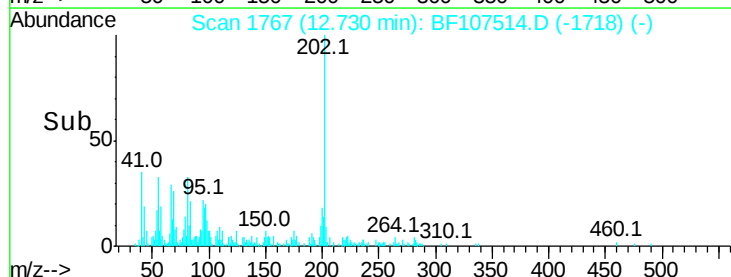
203 13.6 0.0 38.1

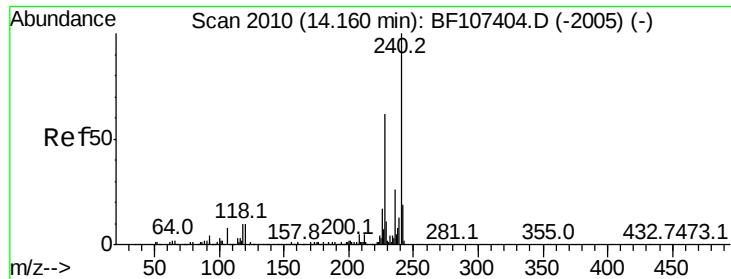


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2011

Delta R.T. -0.01 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

Instrument :

BNA_F

ClientSampleId :

159-RR-FLOOR

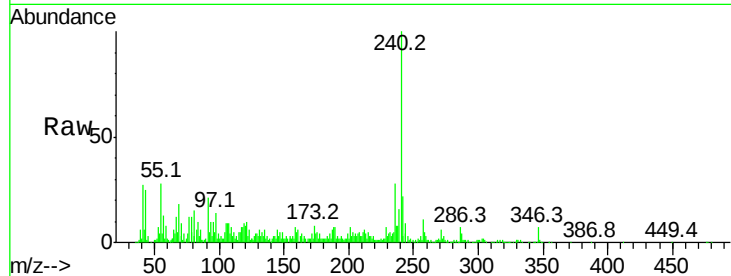
Tot Ion:240 Resp: 240887

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

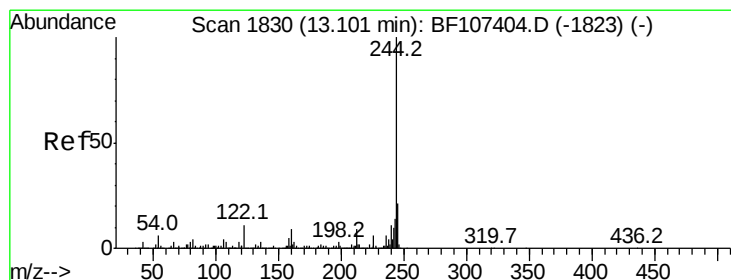
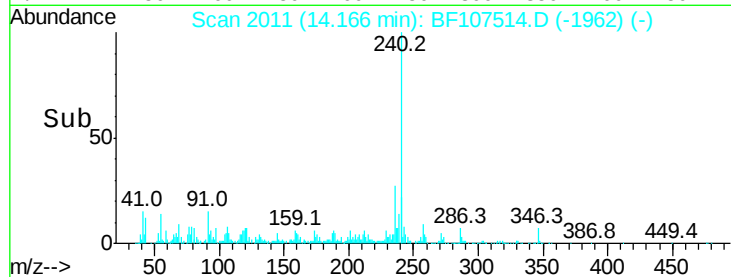
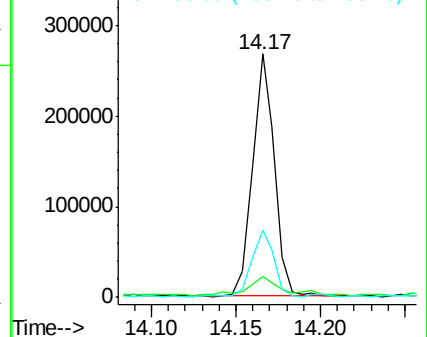
236 27.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 56.003 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

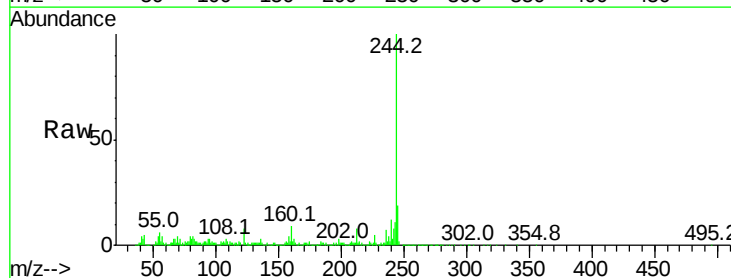
Tgt Ion:244 Resp: 542965

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

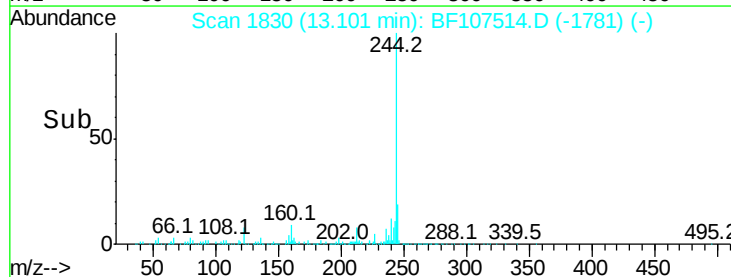
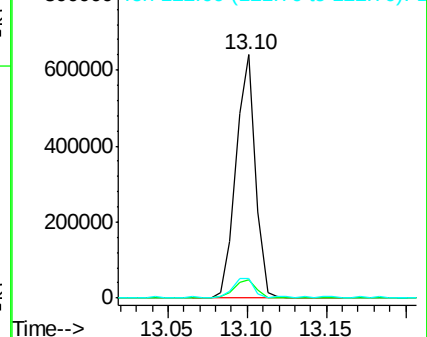
122 7.9 11.0 16.4#

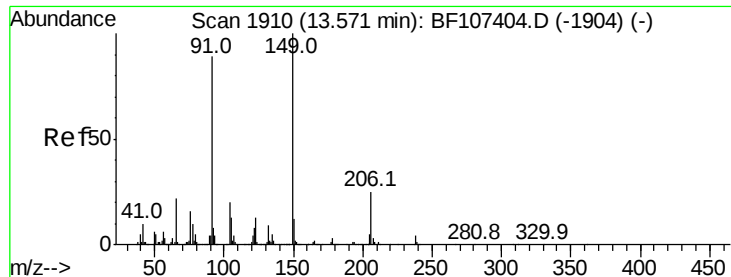


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

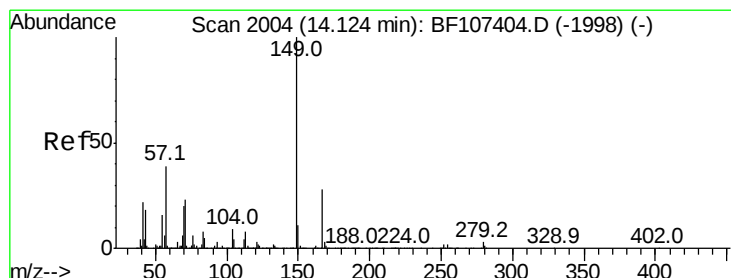
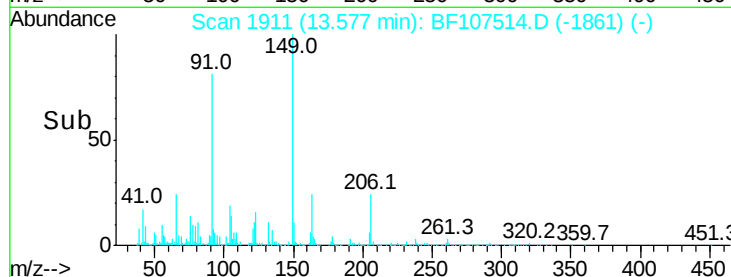
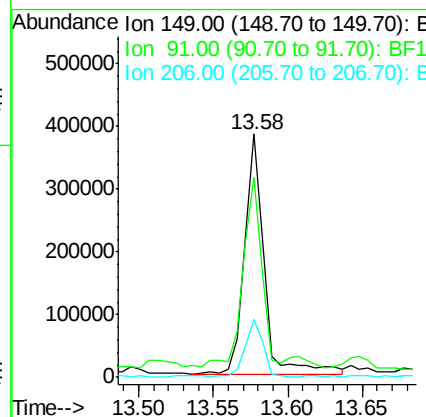
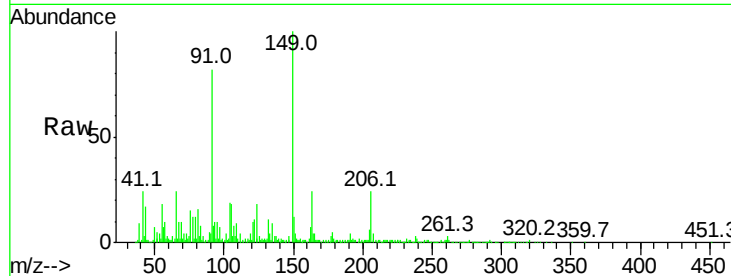




#79
 Butylbenzylphthalate
 Concen: 58.645 ng
 RT: 13.58 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

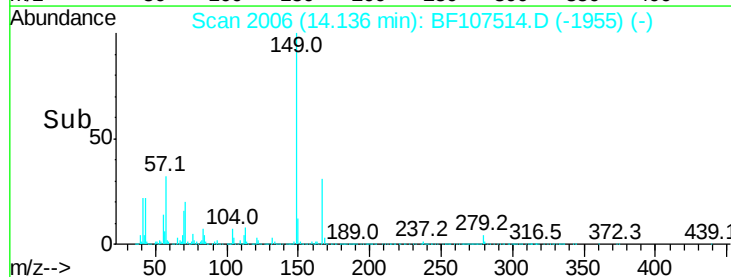
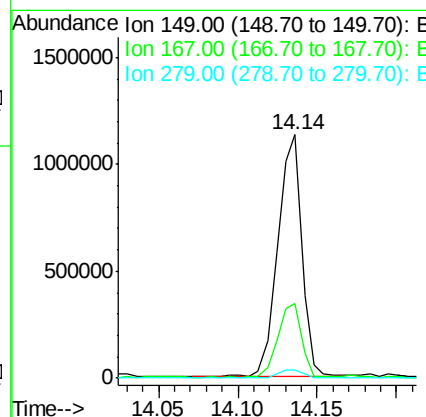
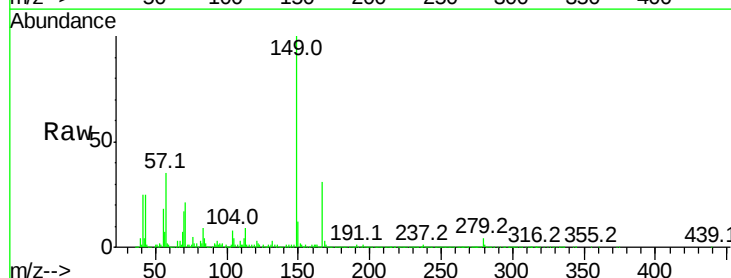
Instrument :
 BNA_F
 ClientSampleId :
 159-RR-FLOOR

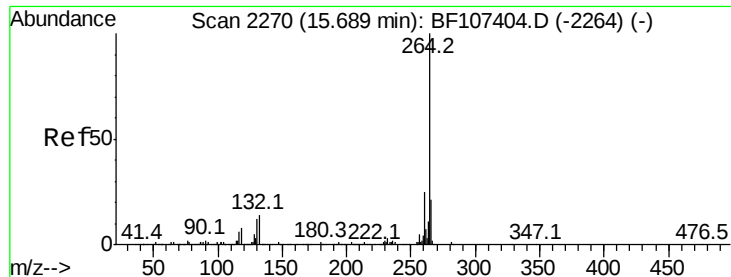
Tot Ion:149 Resp: 349925
 Ion Ratio Lower Upper
 149 100
 91 82.0 56.8 85.2
 206 23.6 14.1 21.1#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 140.224 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

Tgt Ion:149 Resp: 1198974
 Ion Ratio Lower Upper
 149 100
 167 30.8 21.3 31.9
 279 3.6 3.0 4.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

Instrument :
 BNA_F
 ClientSampleId :
 159-RR-FLOOR

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	22.3	17.5	26.3

