

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 00:59:21 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

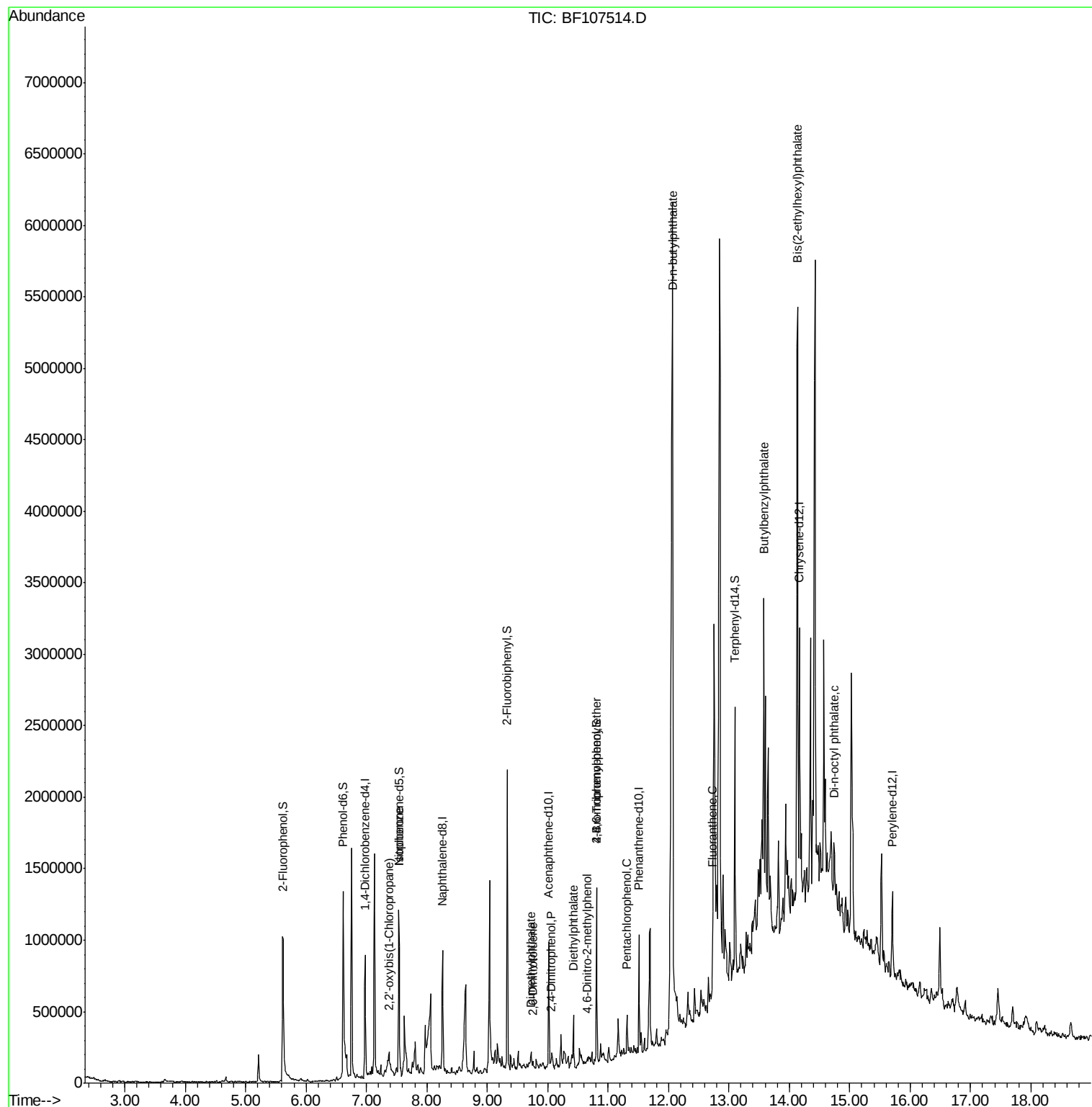
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) 2,2'-oxybis(1-Chloropropan	7.37	45	20159	2.794	ng	94
25) Isophorone	7.54	82	342804	29.400	ng	# 65
49) Dimethylphthalate	9.72	163	26716	2.402	ng	# 94
50) 2,6-Dinitrotoluene	9.76	165	4318	2.035	ng	# 45
53) 2,4-Dinitrophenol	10.06	184	110	2.463	ng	# 1
59) Diethylphthalate	10.42	149	108537	10.047	ng	99
64) 4,6-Dinitro-2-methylphenol	10.65	198	258	7.644	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	12576	4.178	ng	# 1
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
84) Di-n-octyl phthalate	14.75	149	81776	6.152	ng	# 62

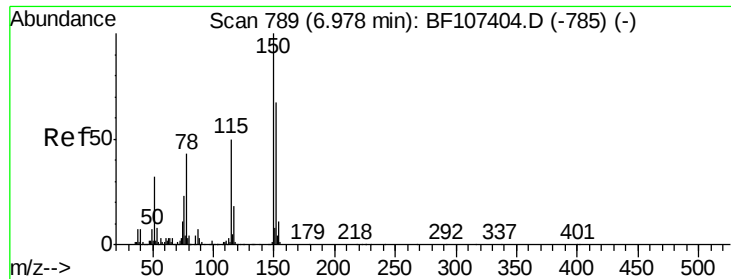
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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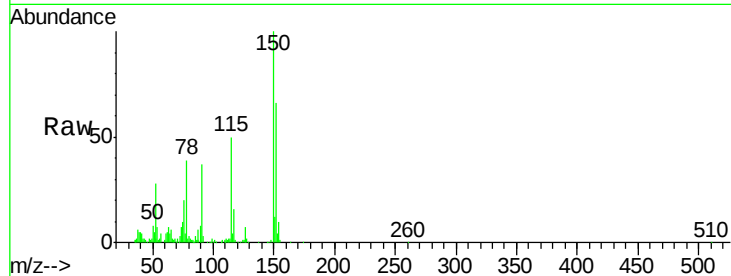


#1

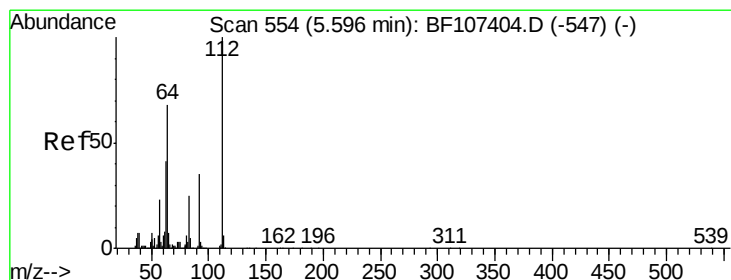
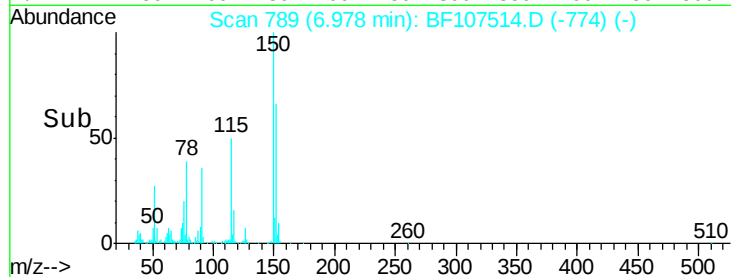
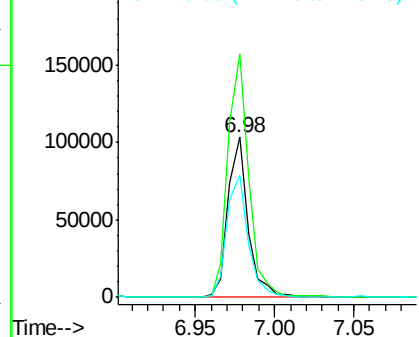
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
159-RR-FLOOR

Tgt Ion:152 Resp: 90773
Ion Ratio Lower Upper
152 100
150 152.1 124.6 186.8
115 76.5 50.1 75.1#



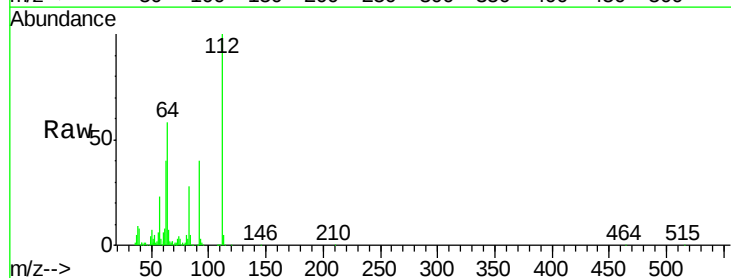
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



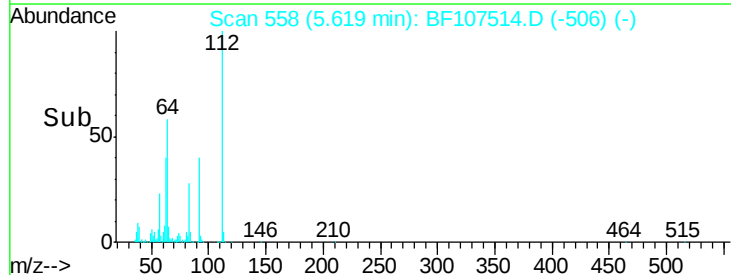
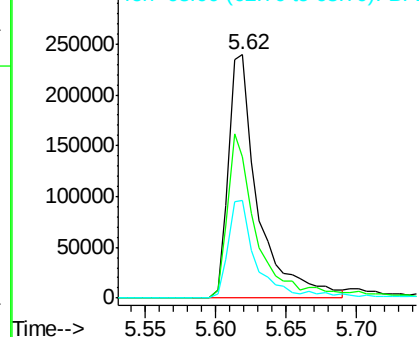
#5

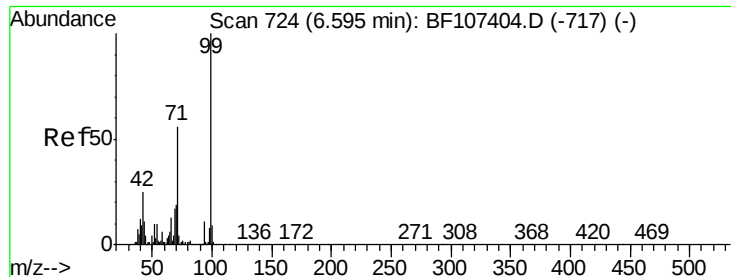
2-Fluorophenol
Concen: 58.761 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Tgt Ion:112 Resp: 351208
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 40.0 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: 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 :

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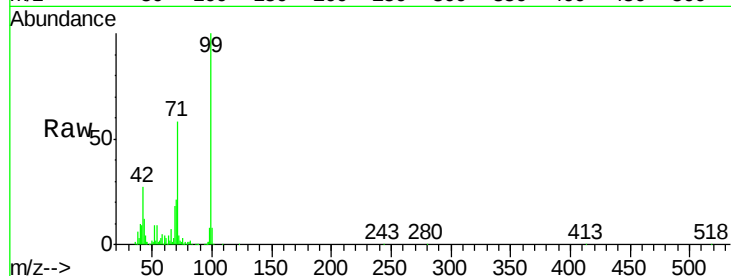
Tgt Ion: 99 Resp: 467273

Ion Ratio Lower Upper

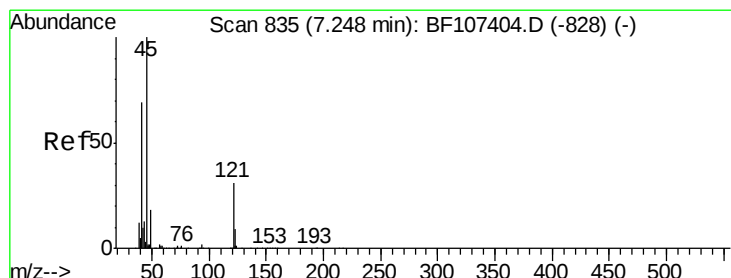
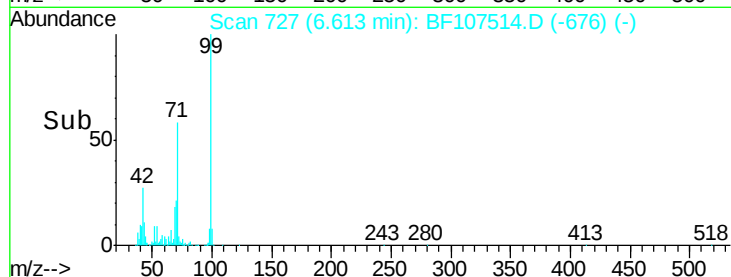
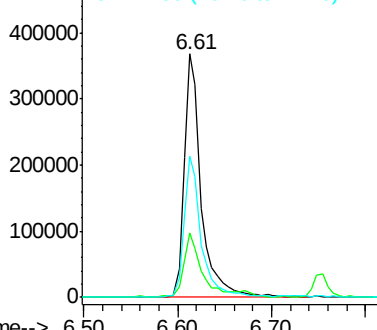
99 100

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.794 ng

RT: 7.37 min Scan# 855

Delta R.T. 0.11 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

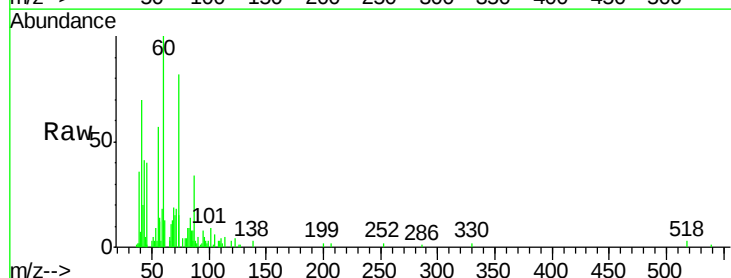
Tgt Ion: 45 Resp: 20159

Ion Ratio Lower Upper

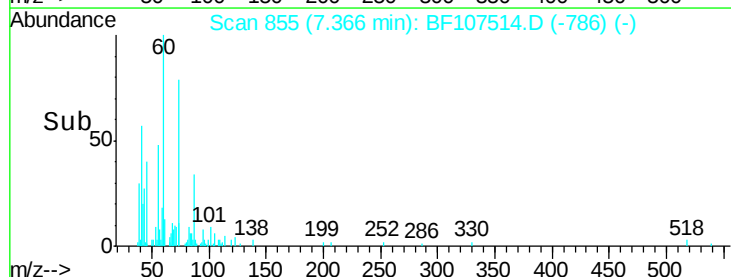
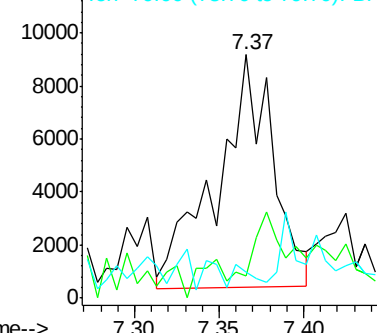
45 100

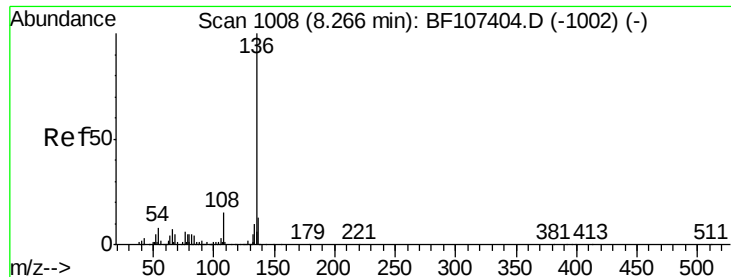
77 9.3 0.0 32.9

79 10.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

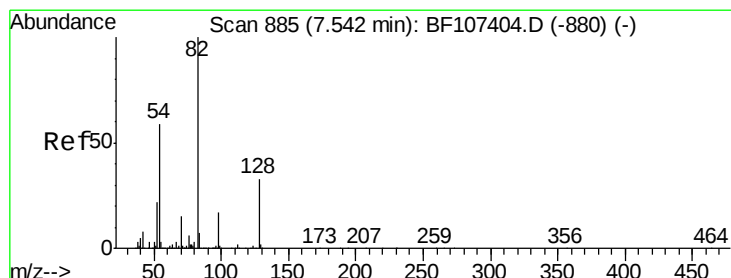
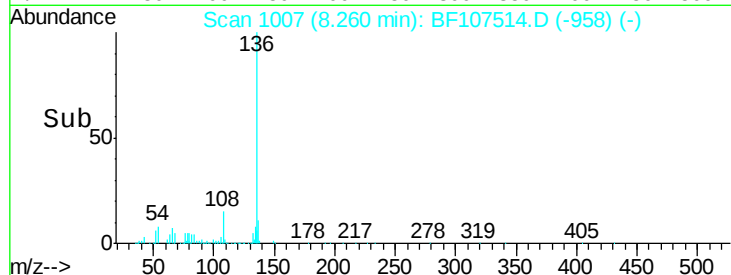
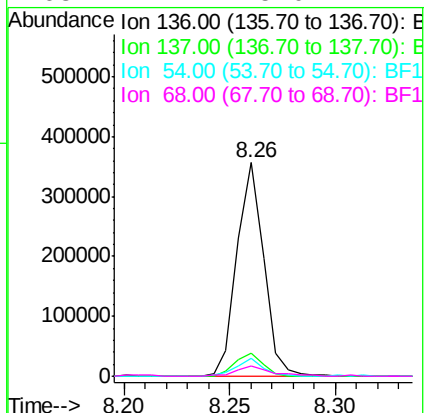
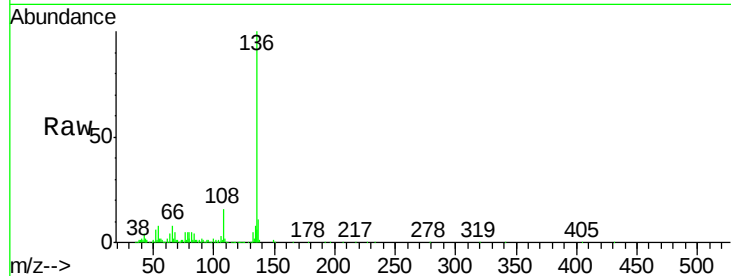




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

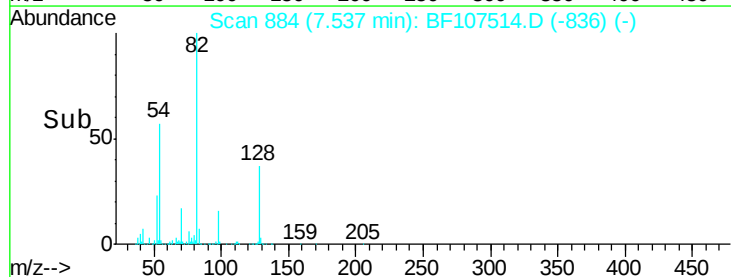
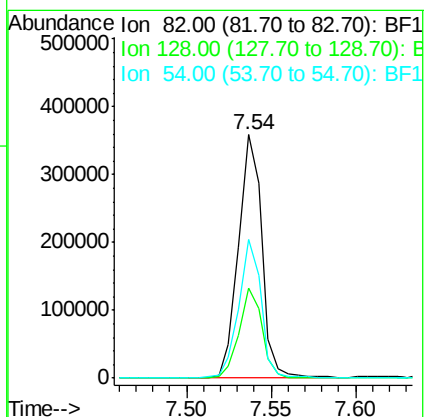
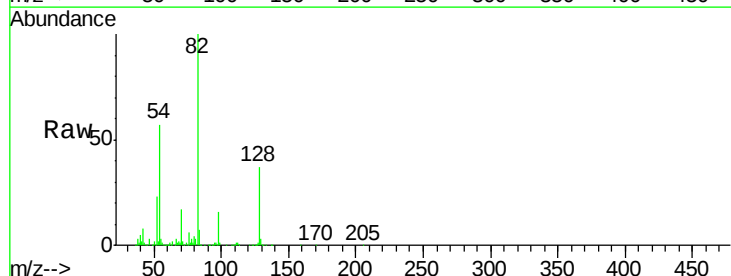
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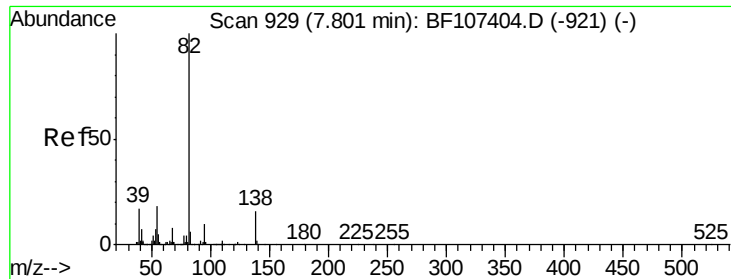
Tgt Ion:	136	Resp:	313685
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	4.7	5.0	7.4#



#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

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





#25

Isophorone

Concen: 29.400 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

Instrument :

BNA_F

ClientSampleId :

159-RR-FLOOR

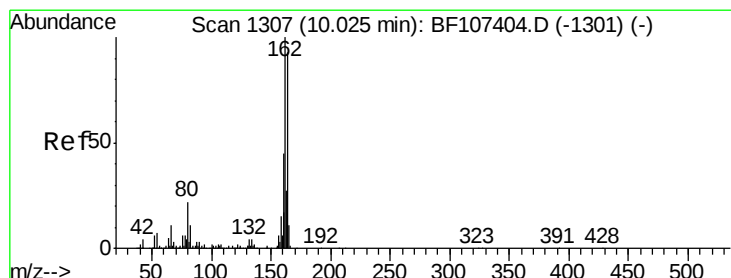
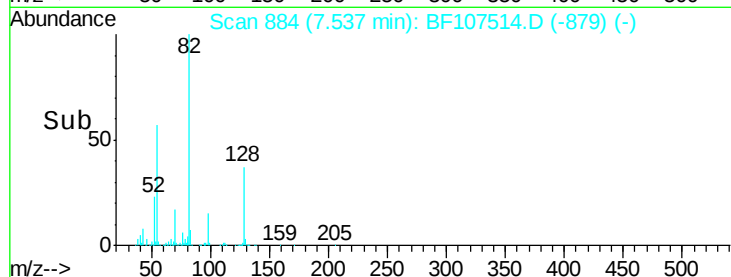
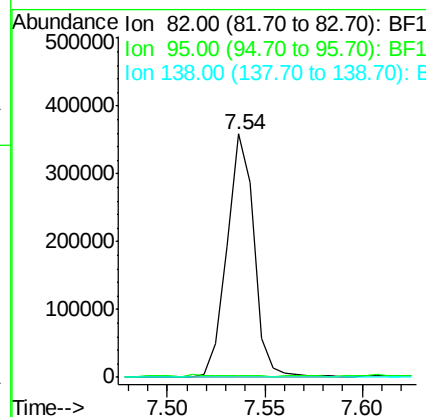
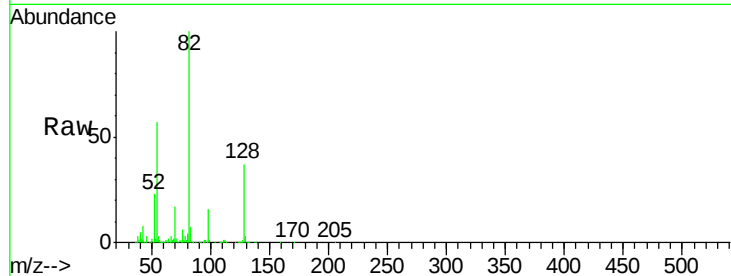
Tgt Ion: 82 Resp: 342804

Ion Ratio Lower Upper

82 100

95 0.6 5.2 7.8#

138 0.2 14.9 22.3#



#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

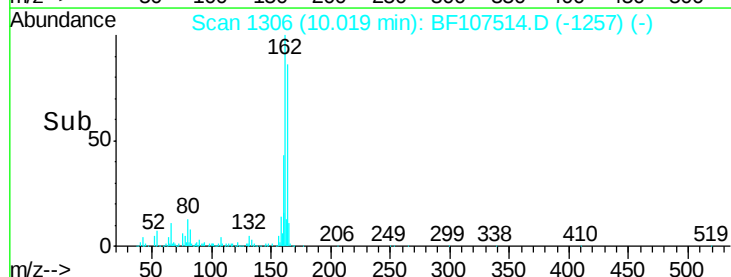
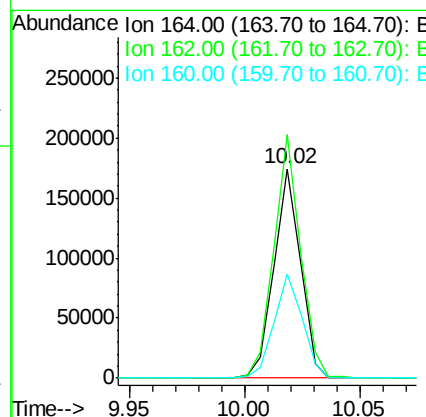
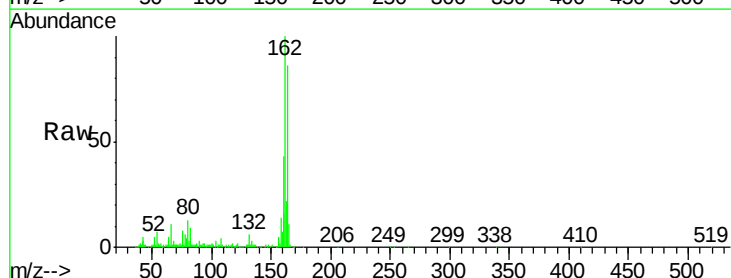
Tgt Ion: 164 Resp: 139959

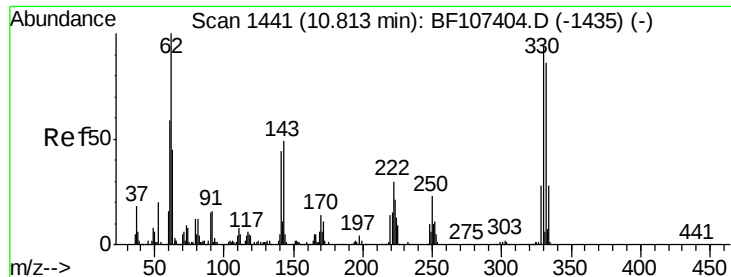
Ion Ratio Lower Upper

164 100

162 116.2 86.1 129.1

160 49.8 38.3 57.5

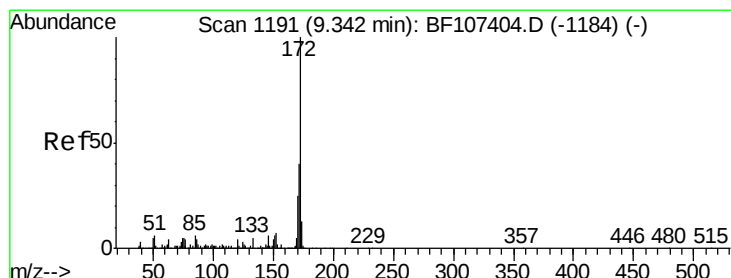
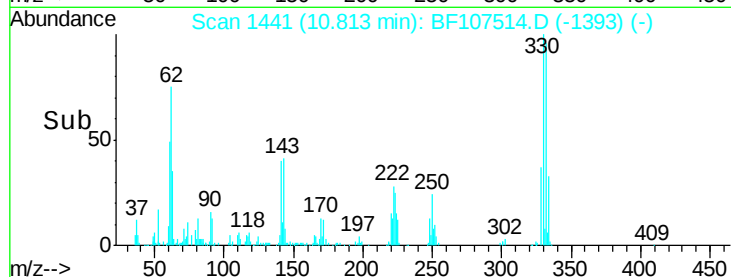
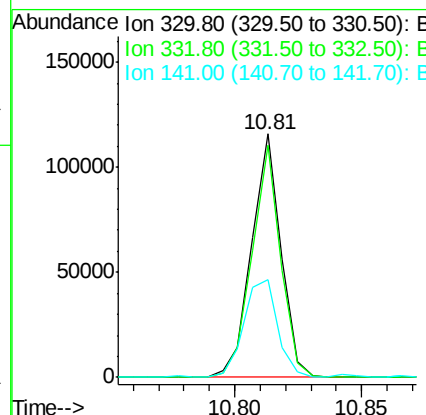
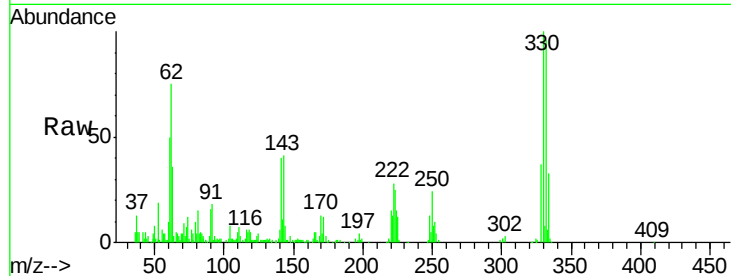




#41
 2,4,6-Tribromophenol
 Concen: 75.840 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF107514.D
 Acq: 19 Jul 2018 18:52

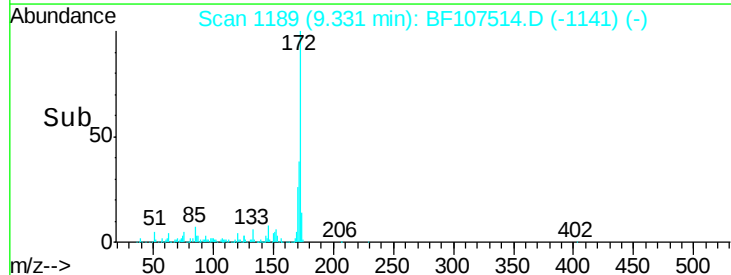
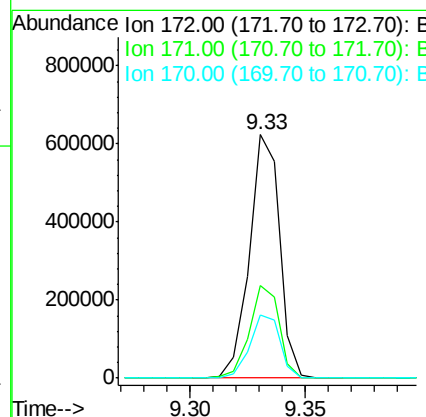
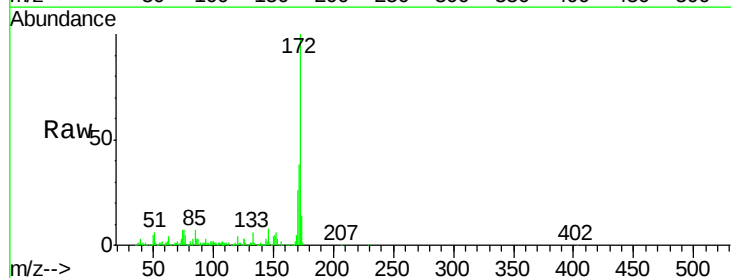
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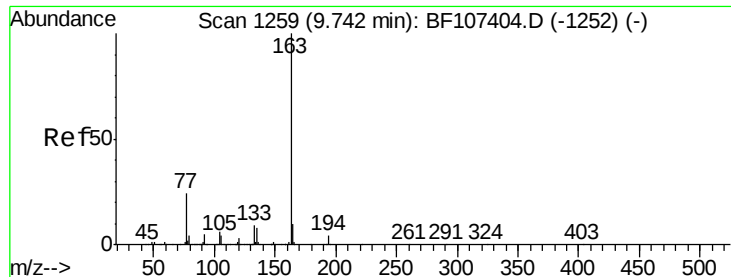
Tgt Ion:330 Resp: 93261
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.0 115.6
 141 46.4 29.9 44.9#



#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

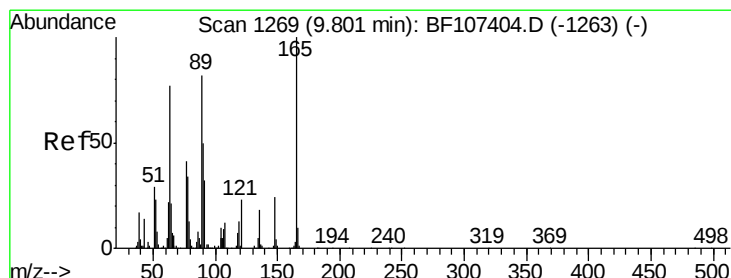
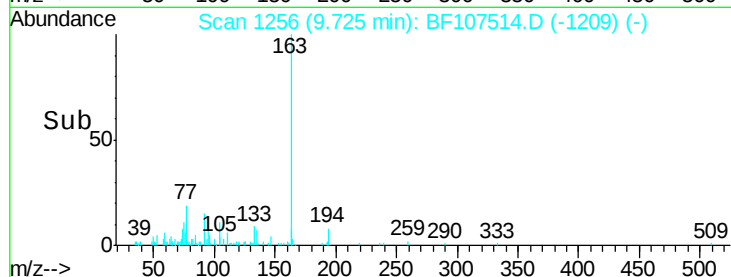
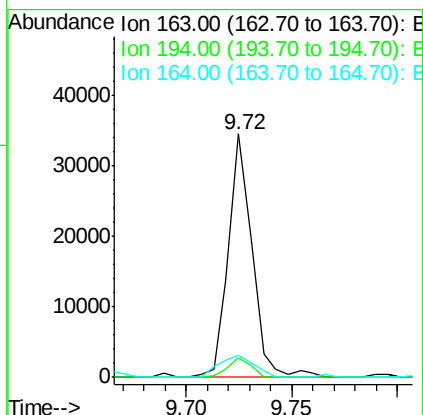
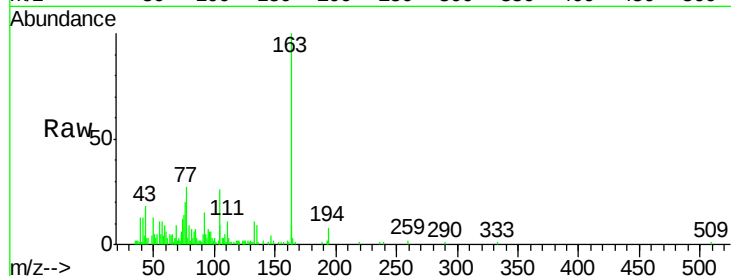




#49
Dimethylphthalate
Concen: 2.402 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

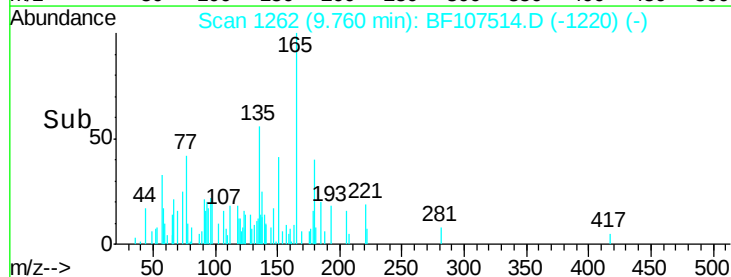
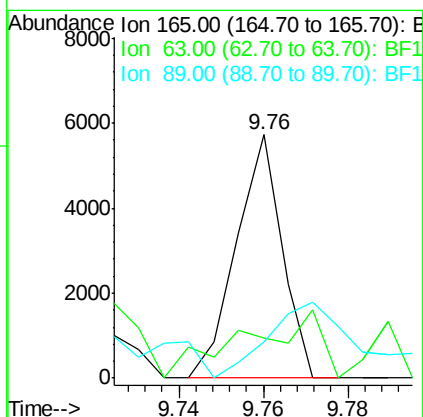
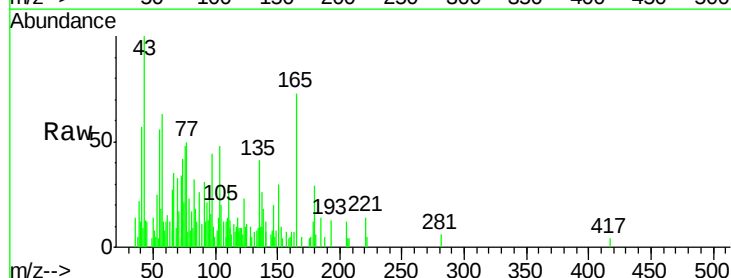
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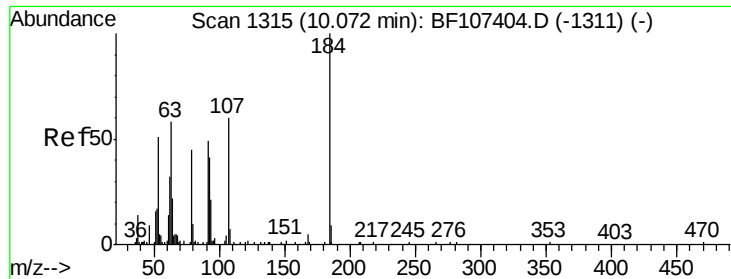
Tgt Ion:163 Resp: 26716
Ion Ratio Lower Upper
163 100
194 7.9 2.7 4.1#
164 9.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 2.035 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Tgt Ion:165 Resp: 4318
Ion Ratio Lower Upper
165 100
63 16.2 44.7 67.1#
89 14.8 44.0 66.0#

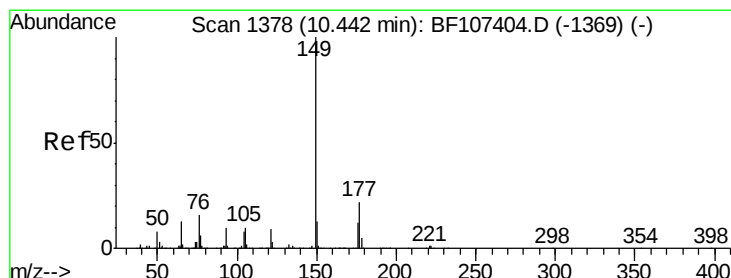
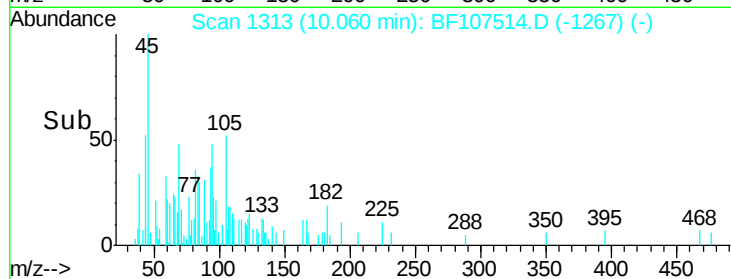
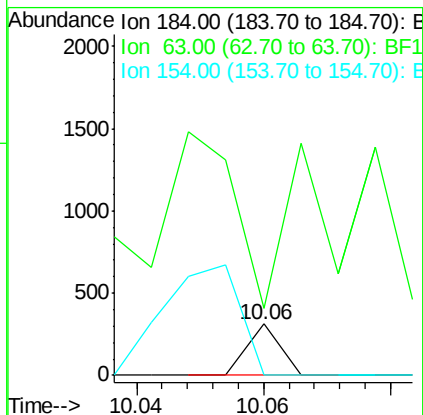
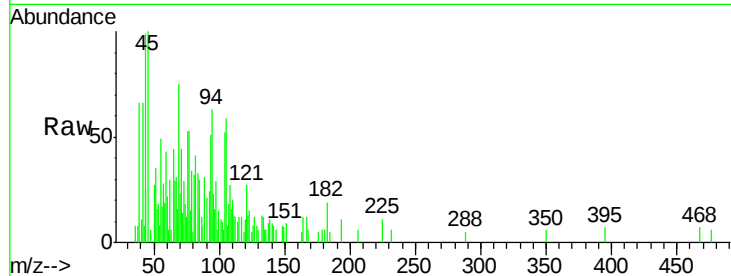




#53
2,4-Dinitrophenol
Concen: 2.463 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

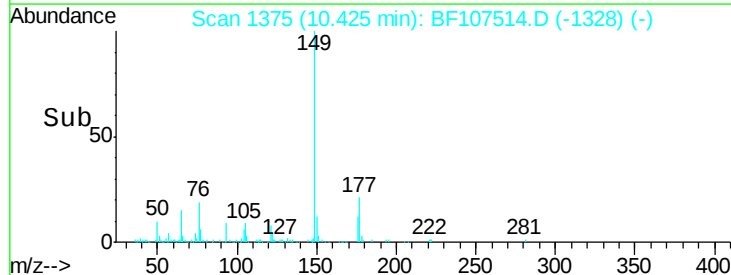
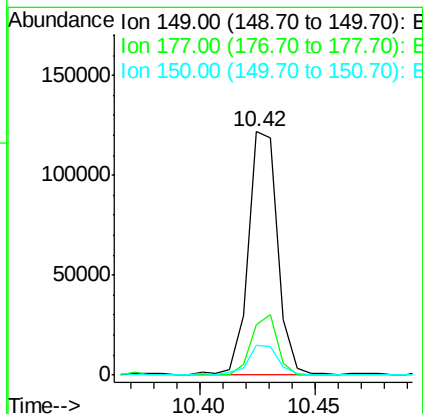
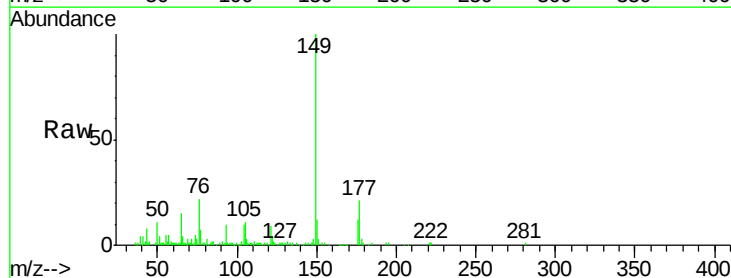
Instrument :
BNA_F
ClientSampleId :
159-RR-FLOOR

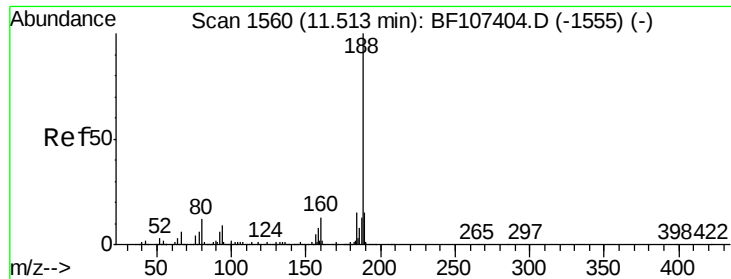
Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 131.0 54.2 81.2#
154 0.0 184.0 276.0#



#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

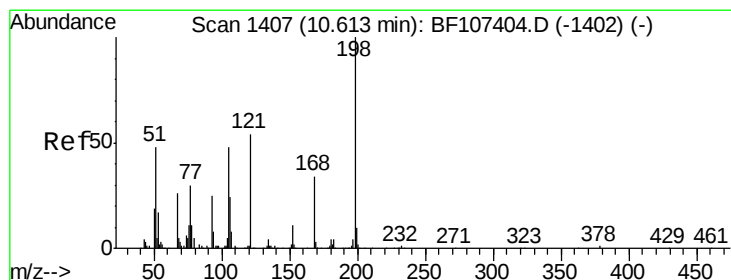
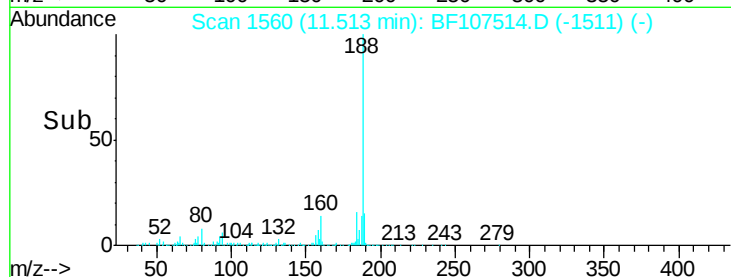
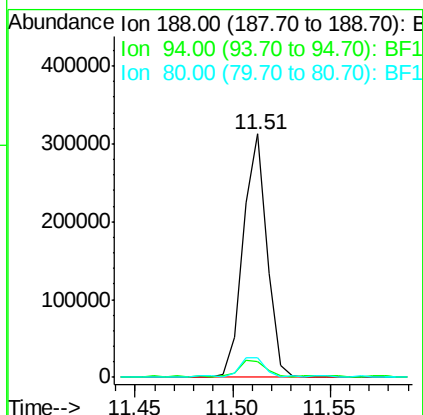
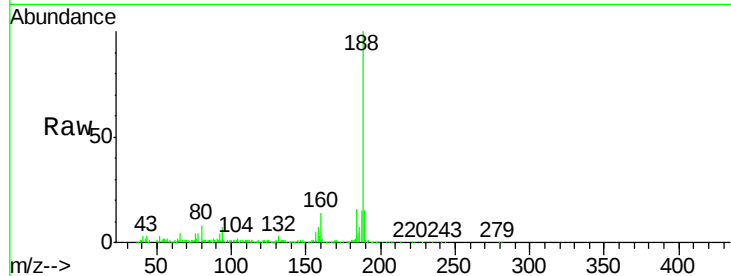




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

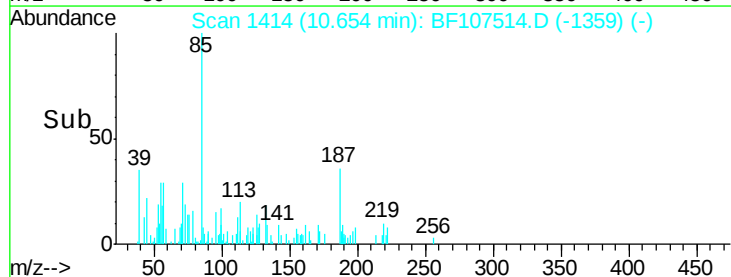
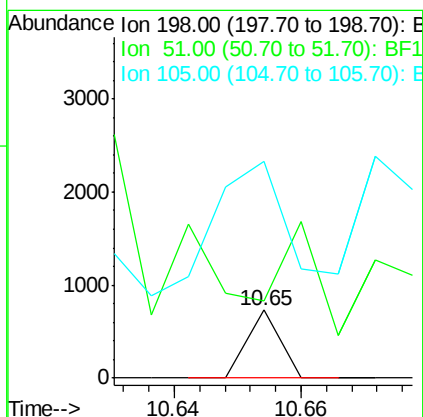
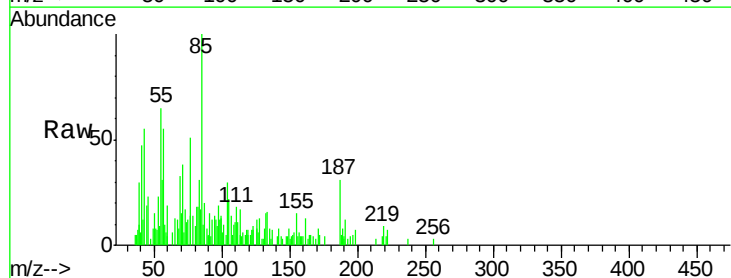
Instrument :
BNA_F
ClientSampleId :
159-RR-FLOOR

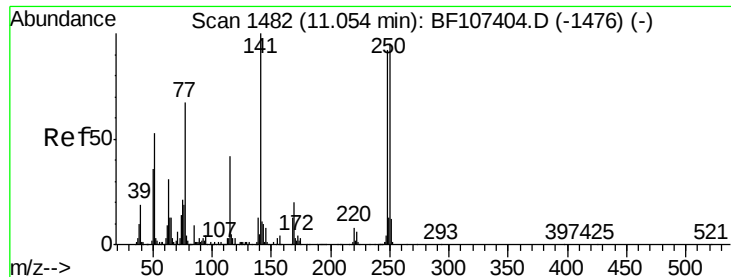
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.5	12.7#
80	7.9	9.2	13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.644 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.02 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	113.4	37.7	77.7#
105	318.3	36.3	76.3#

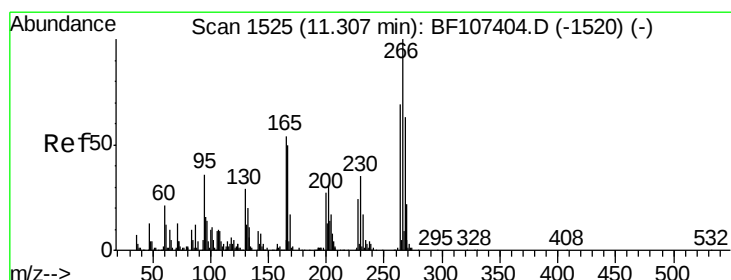
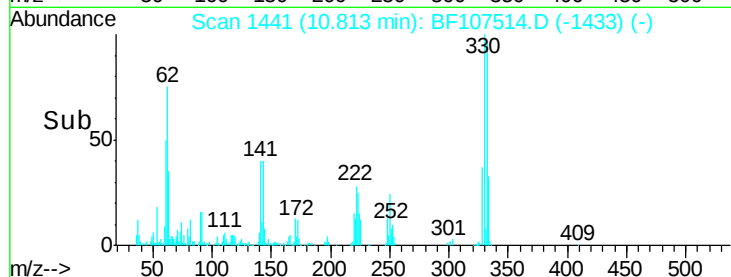
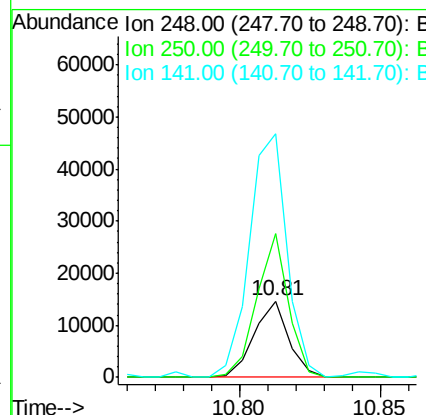
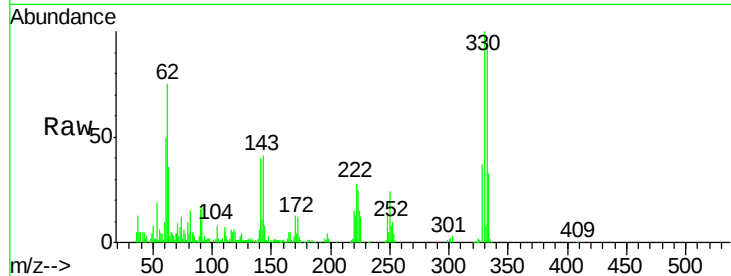




#66
4-Bromophenyl-phenylether
Concen: 4.178 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF107514.D
Acq: 19 Jul 2018 18:52

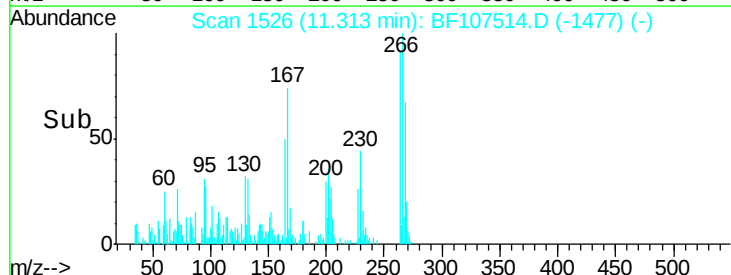
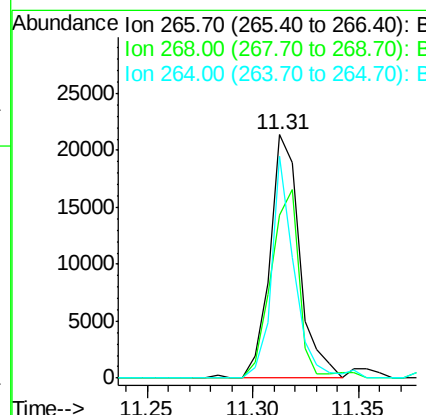
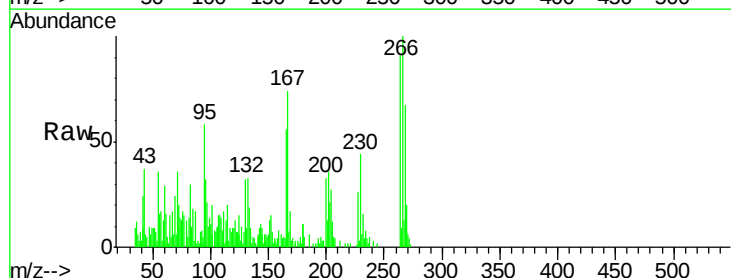
Instrument :
BNA_F
ClientSampleId :
159-RR-FLOOR

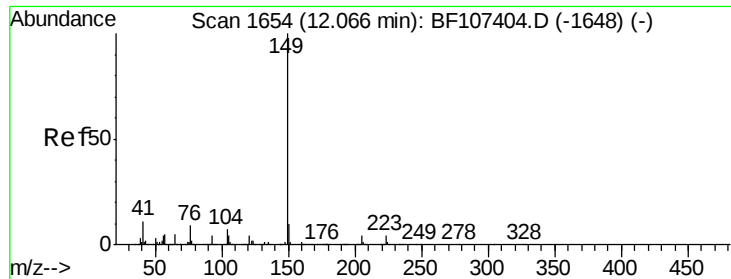
Tgt Ion:248 Resp: 12576
Ion Ratio Lower Upper
248 100
250 188.2 76.9 115.3#
141 318.8 74.4 111.6#



#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:266 Resp: 21077
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

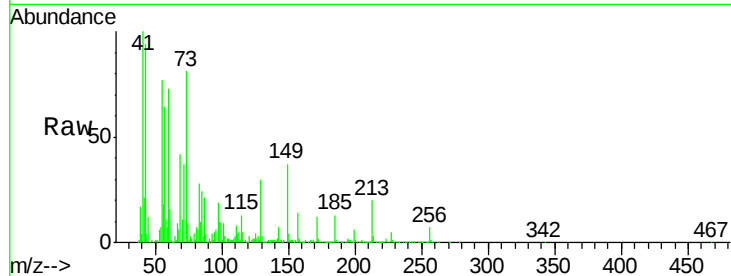
Tgt Ion:149 Resp: 173174

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

104 5.8 3.8 5.8#

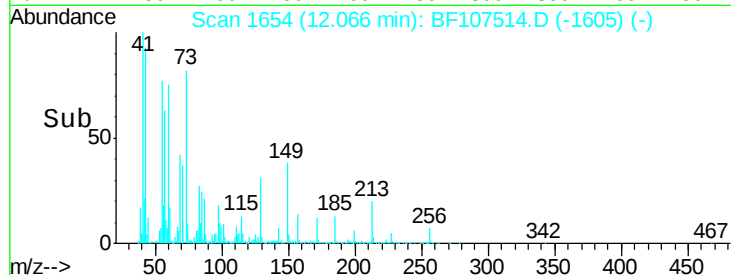


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

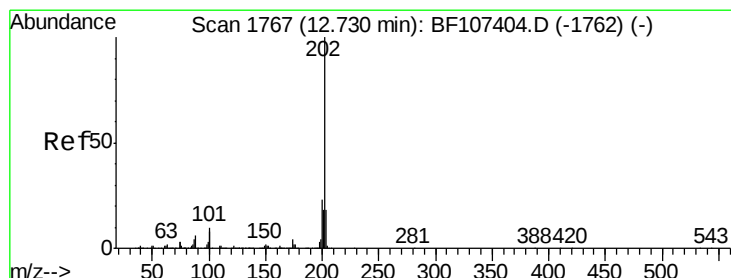
Ion 104.00 (103.70 to 104.70): E

Time-->



Abundance

Time-->



#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

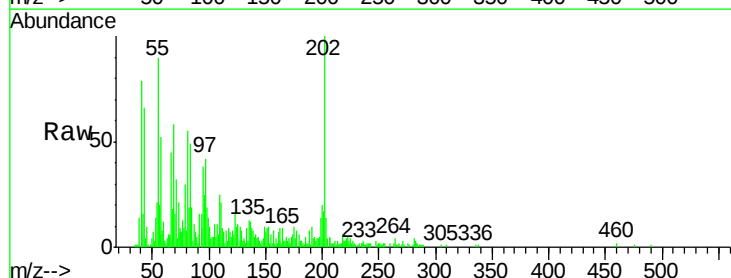
Tgt Ion:202 Resp: 35492

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

203 13.6 0.0 38.1

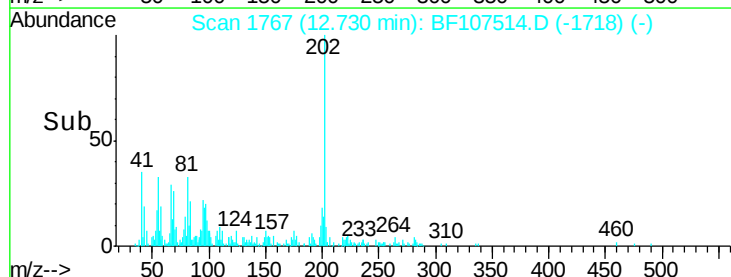


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

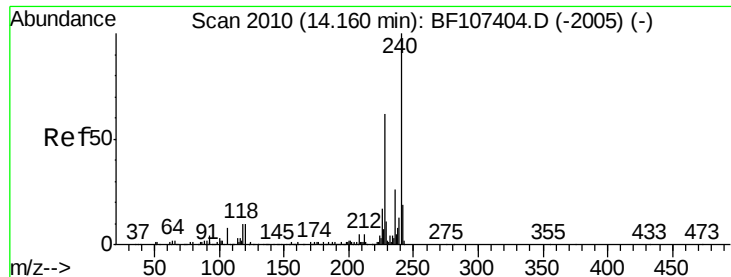
Ion 203.00 (202.70 to 203.70): E

Time-->



Abundance

Time-->



#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

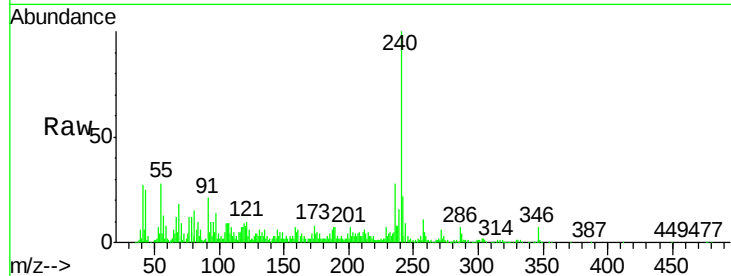
Tgt Ion:240 Resp: 240887

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

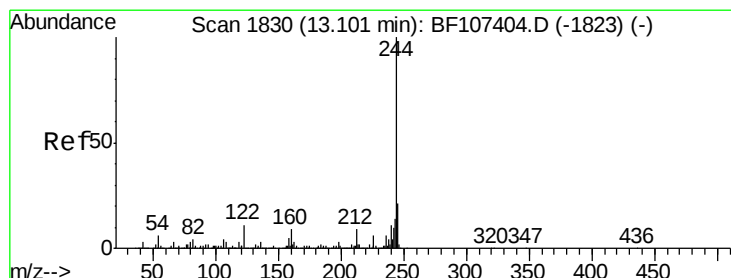
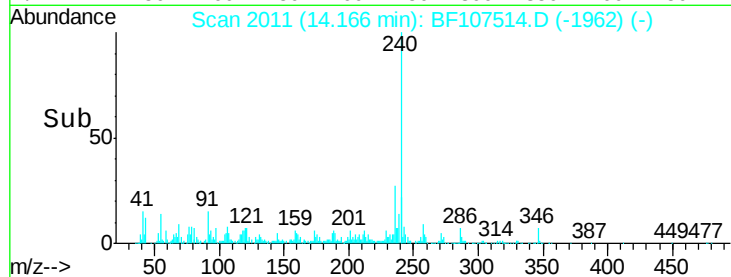
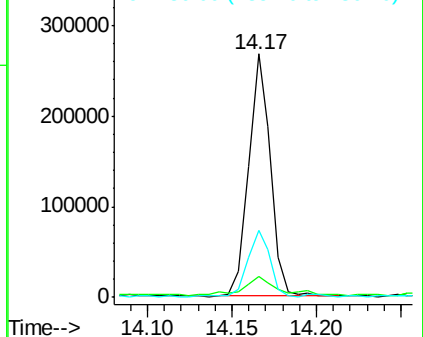
236 27.8 20.7 31.1



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

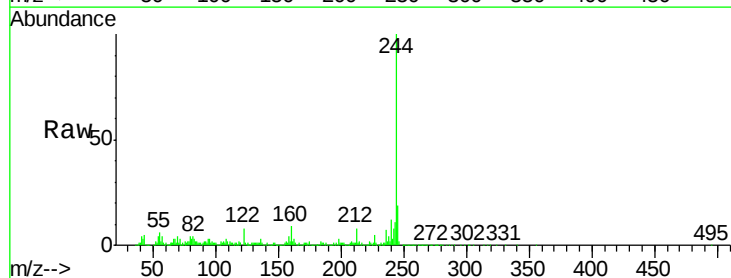
Tgt Ion:244 Resp: 542965

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

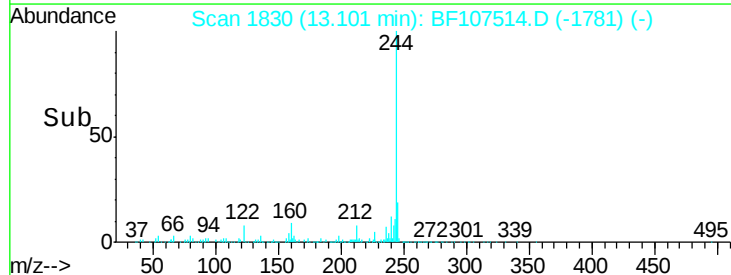
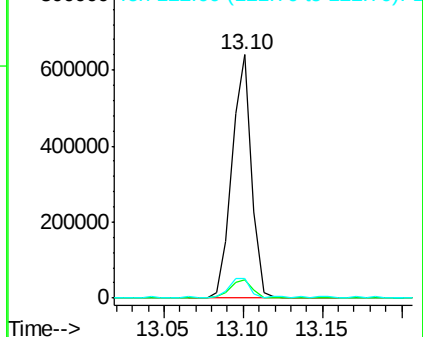
122 7.9 11.0 16.4#

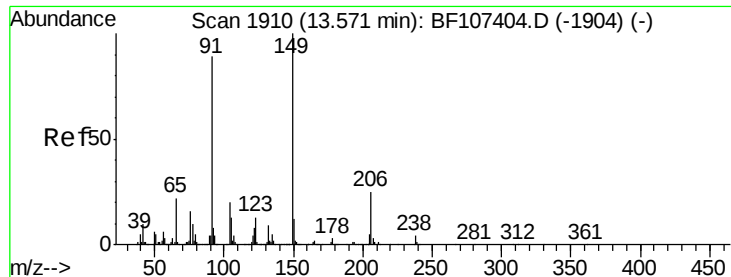


Abundance Ion 244.00 (243.70 to 244.70): E

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

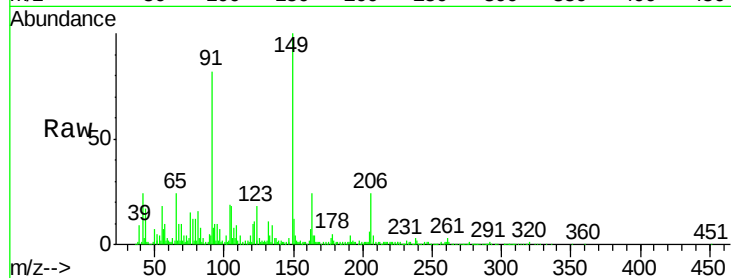
Tgt Ion:149 Resp: 349925

Ion Ratio Lower Upper

149 100

91 82.0 56.8 85.2

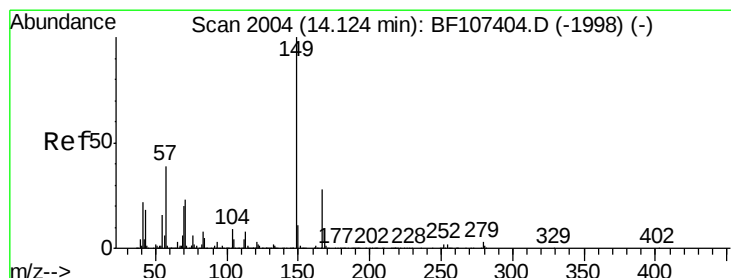
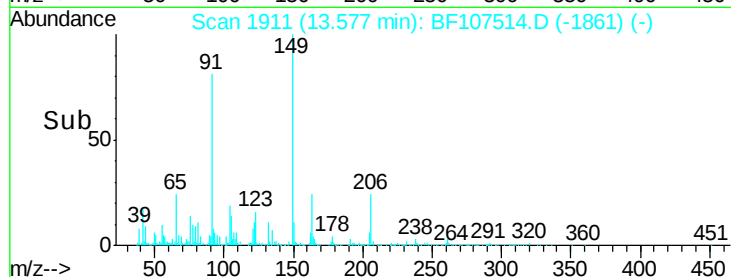
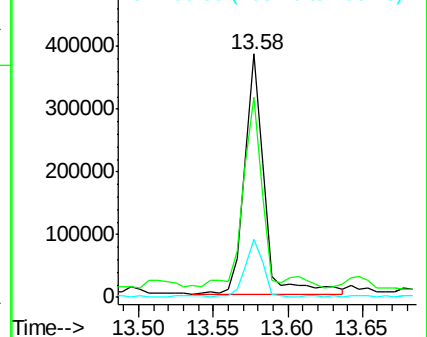
206 23.6 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#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

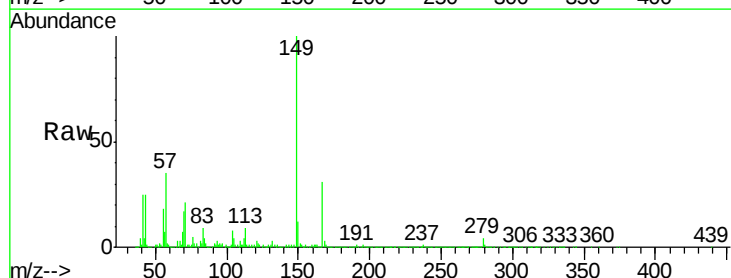
Tgt Ion:149 Resp: 1198974

Ion Ratio Lower Upper

149 100

167 30.8 21.3 31.9

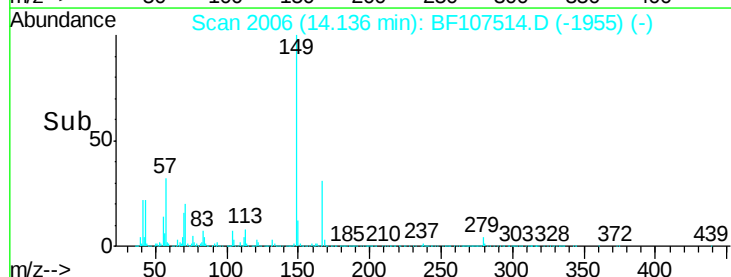
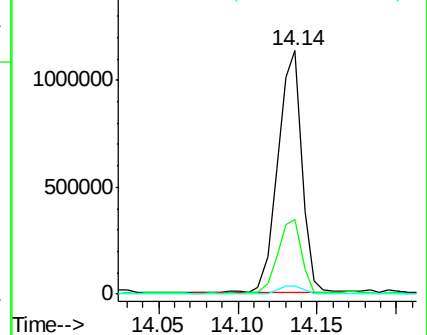
279 3.6 3.0 4.4

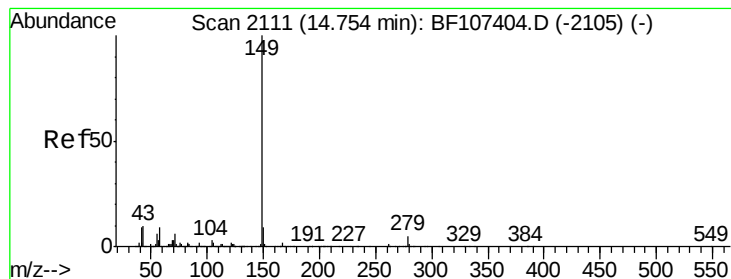


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 6.152 ng

RT: 14.75 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BF107514.D

Acq: 19 Jul 2018 18:52

Instrument :

BNA_F

ClientSampleId :

159-RR-FLOOR

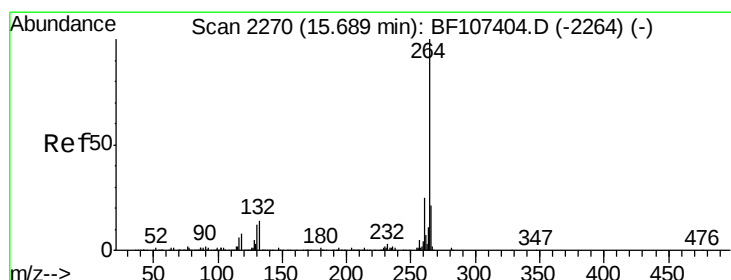
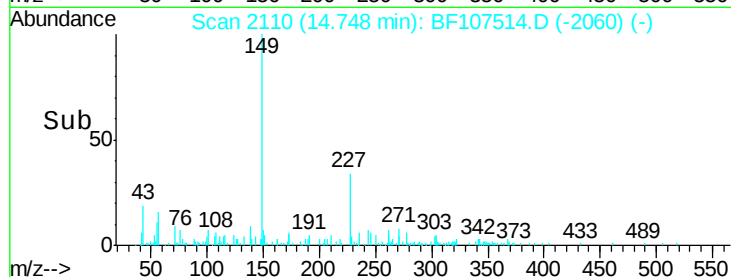
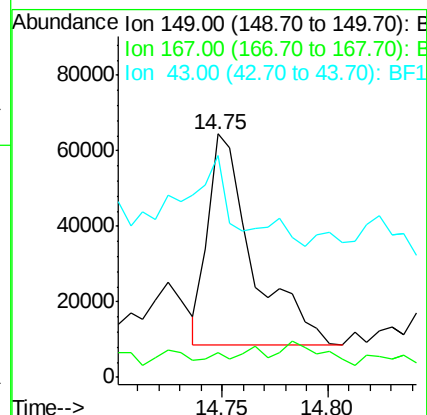
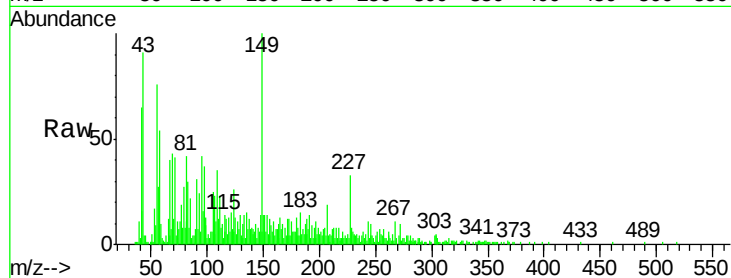
Tgt Ion:149 Resp: 81776

Ion Ratio Lower Upper

149 100

167 5.1 1.2 1.8#

43 26.1 8.4 12.6#



#86

Perylene-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

Tgt Ion:264 Resp: 272984

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 22.3 17.5 26.3

