

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107494.D
 Acq On : 19 Jul 2018 4:56
 Operator : JU/SJ
 Sample : J4027-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-2-161

Quant Time: Jul 19 05:29:24 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

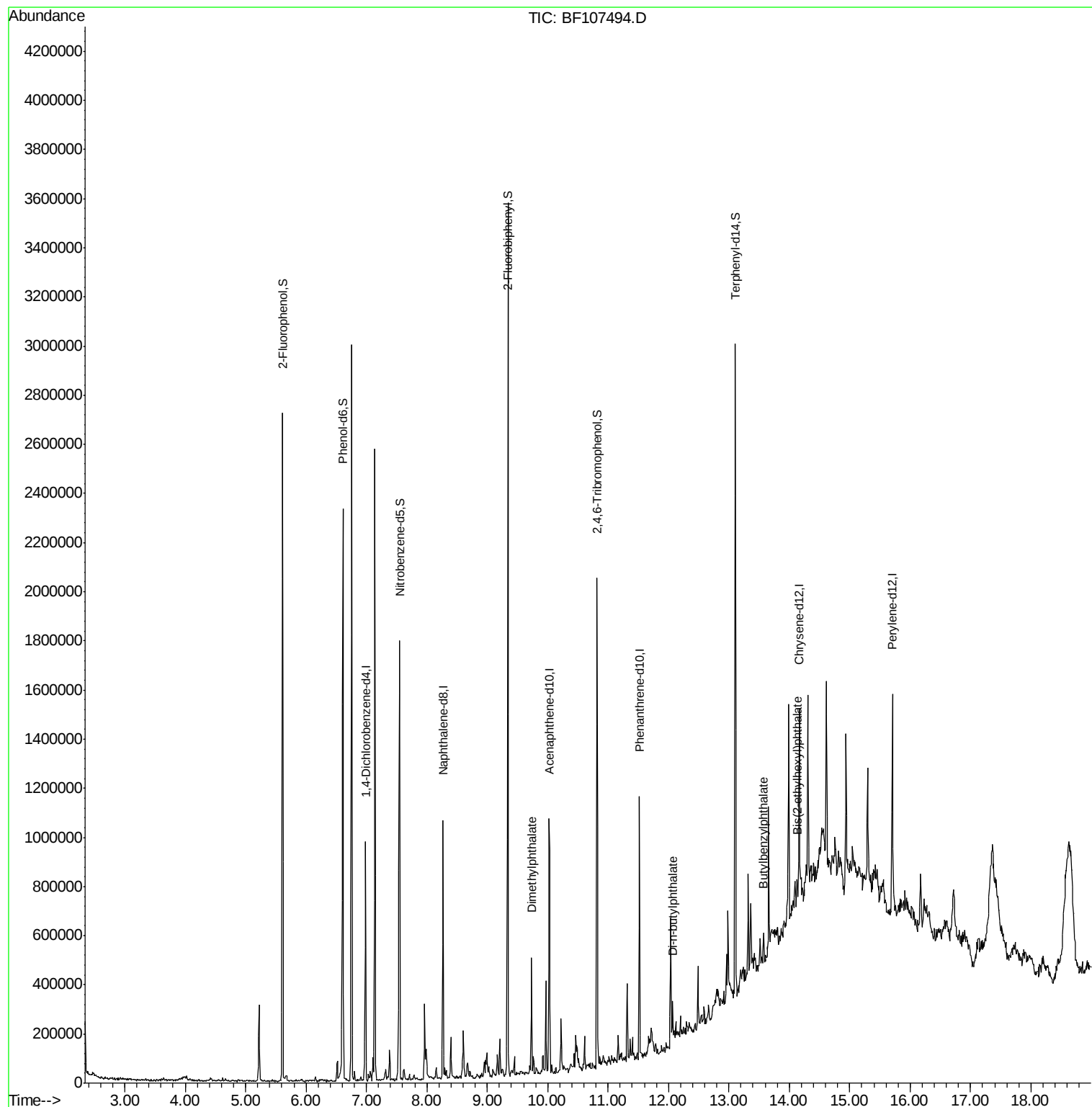
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	106785	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	369021	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	187779	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	318847	20.00	ng	0.00
75) Chrysene-d12	14.17	240	269668	20.00	ng	-0.01
86) Perylene-d12	15.71	264	255067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	563294	80.11	ng	0.00
7) Phenol-d6	6.61	99	699510	76.95	ng	0.00
23) Nitrobenzene-d5	7.55	82	538148	77.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	161901	98.13	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	936095	82.84	ng	0.00
78) Terphenyl-d14	13.11	244	787995	72.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	144743	9.701	ng	# 98
73) Di-n-butylphthalate	12.07	149	64793	3.763	ng	# 97
79) Butylbenzylphthalate	13.57	149	23620	3.536	ng	# 81
83) Bis(2-ethylhexyl)phthalate	14.13	149	59854	6.253	ng	# 88

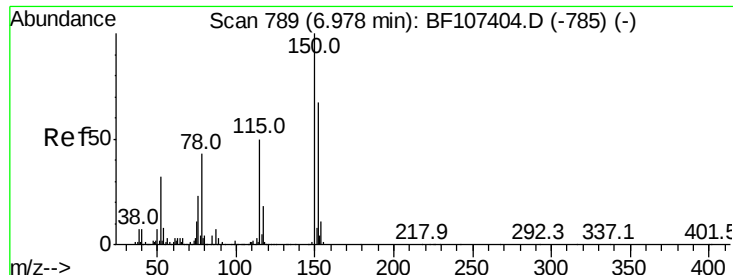
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

WALL-2-161

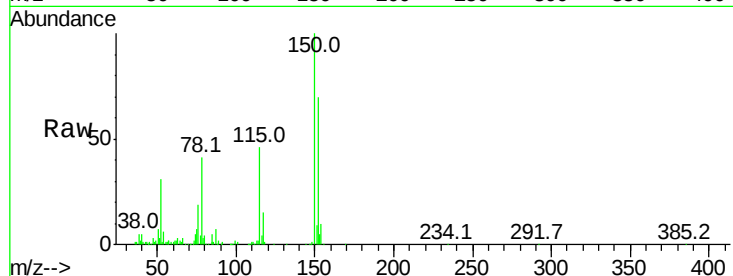
Tot Ion:152 Resp: 106785

Ion Ratio Lower Upper

152 100

150 142.5 124.6 186.8

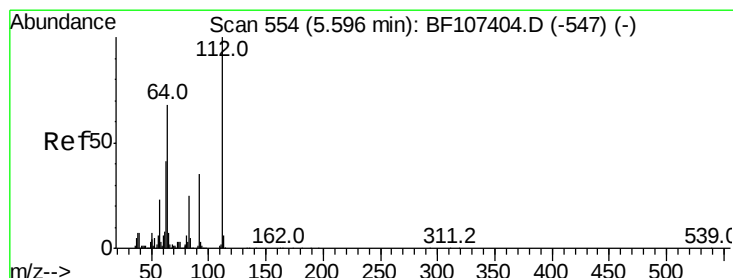
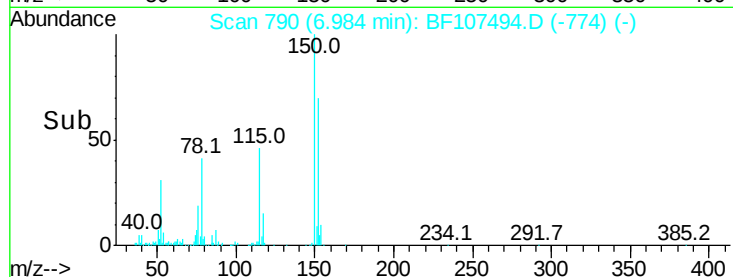
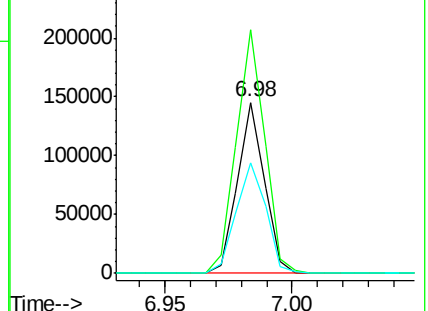
115 64.9 50.1 75.1



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: 80.114 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

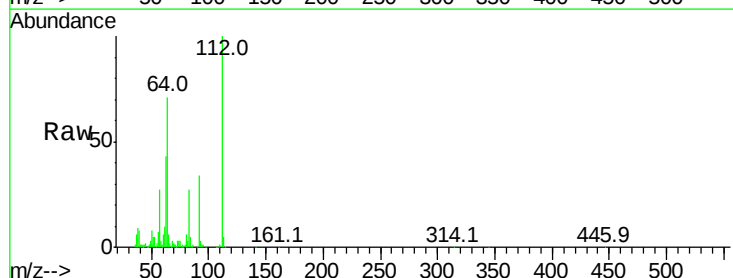
Tgt Ion:112 Resp: 563294

Ion Ratio Lower Upper

112 100

64 70.6 47.9 71.9

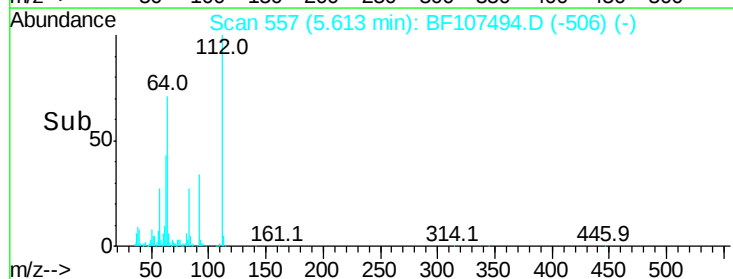
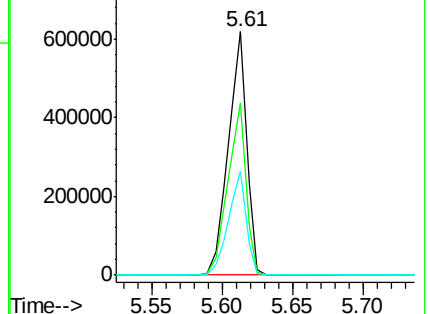
63 43.0 23.7 35.5#

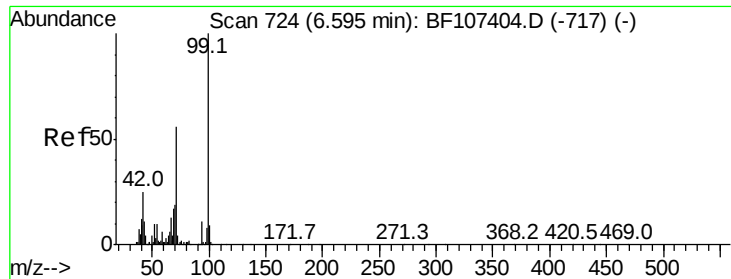


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 76.950 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

WALL-2-161

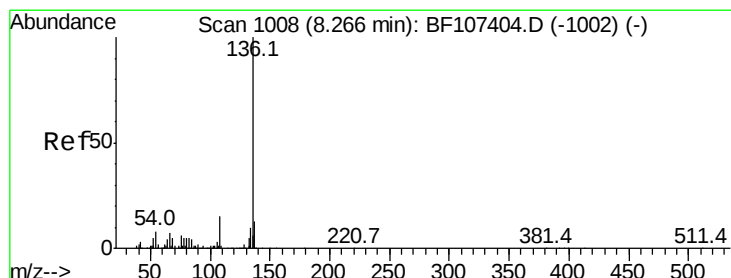
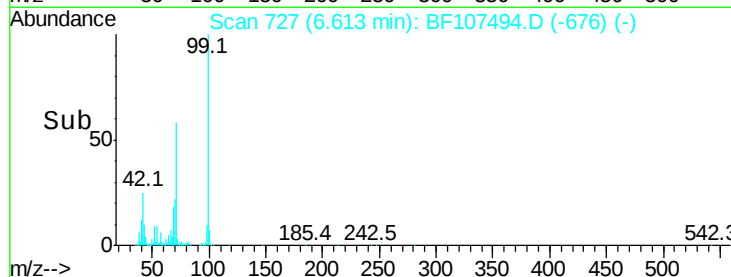
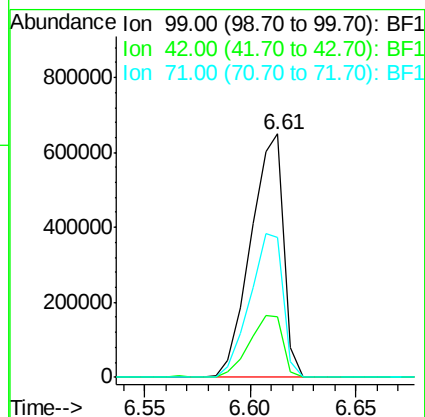
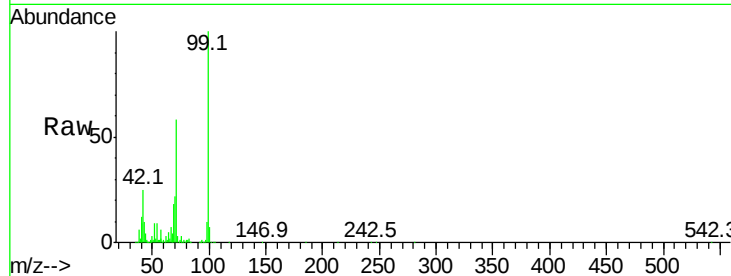
Tot Ion: 99 Resp: 699510

Ion Ratio Lower Upper

99 100

42 24.8 14.5 21.7#

71 57.6 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Tgt Ion: 136 Resp: 369021

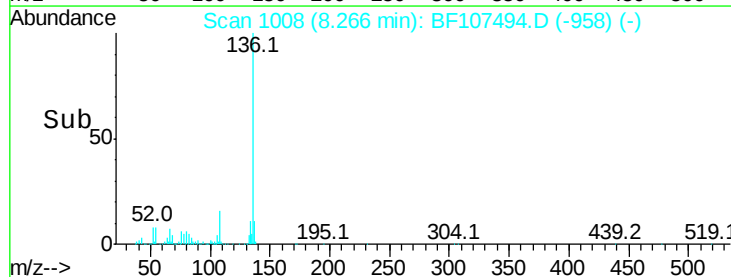
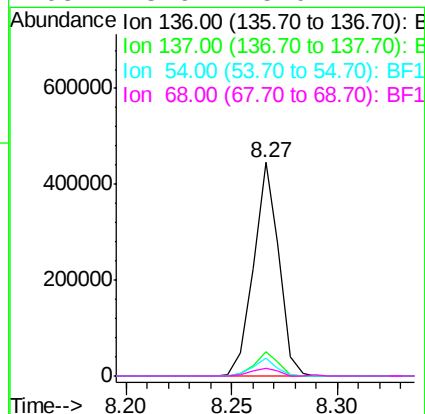
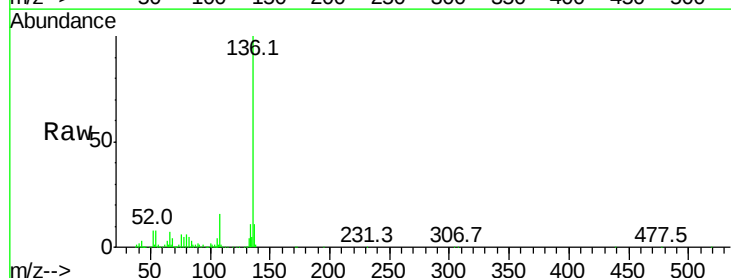
Ion Ratio Lower Upper

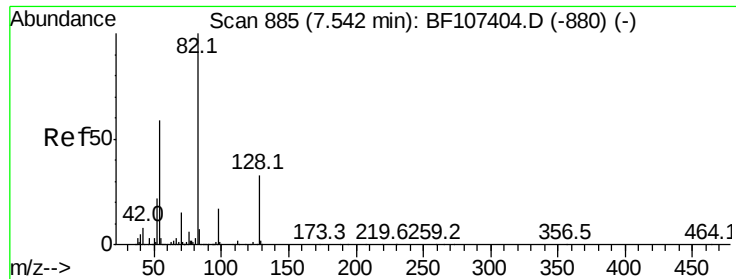
136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 3.6 5.0 7.4#

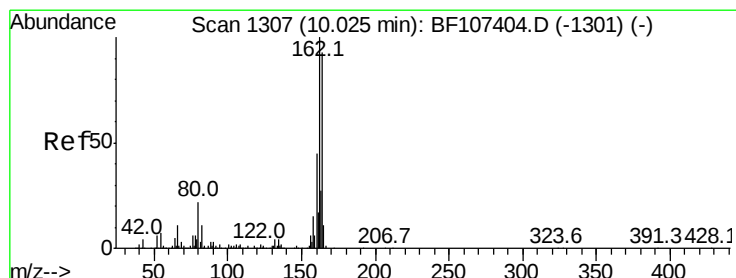
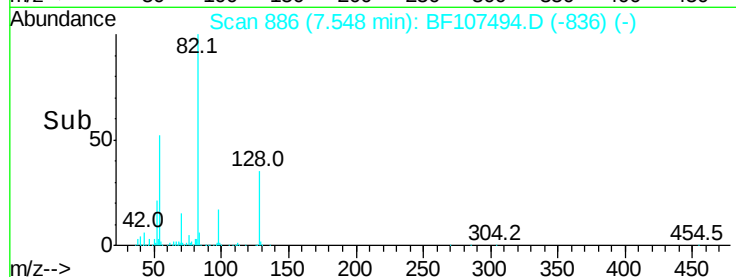
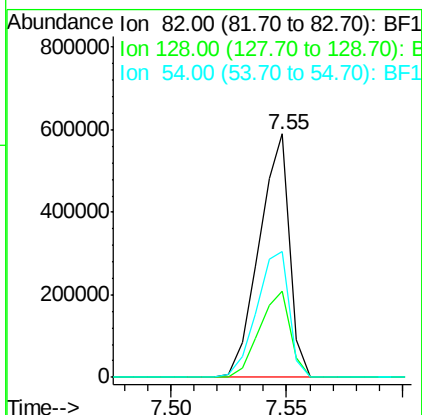
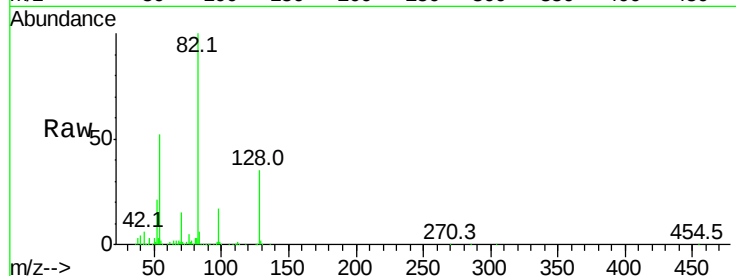




#23
 Nitrobenzene-d5
 Concen: 77.763 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107494.D
 Acq: 19 Jul 2018 4:56

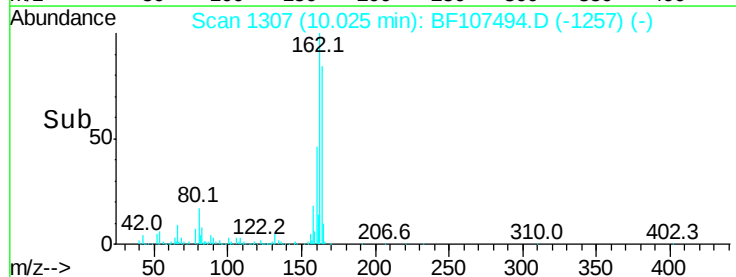
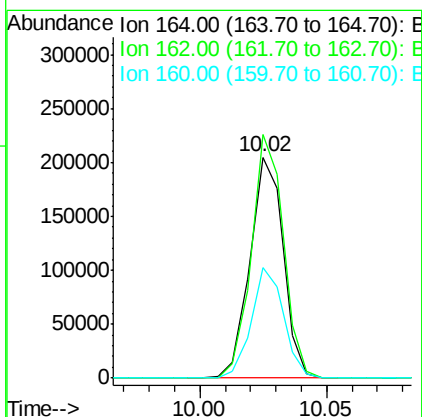
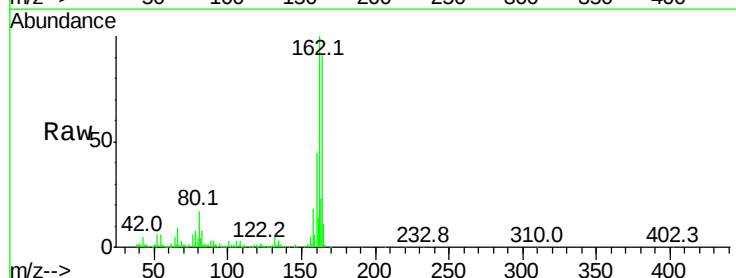
Instrument :
 BNA_F
 ClientSampleId :
 WALL-2-161

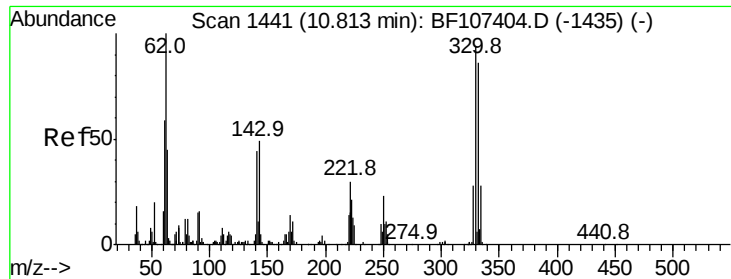
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	36.1	54.1#
54	51.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107494.D
 Acq: 19 Jul 2018 4:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.4	86.1	129.1
160	49.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 98.130 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

WALL-2-161

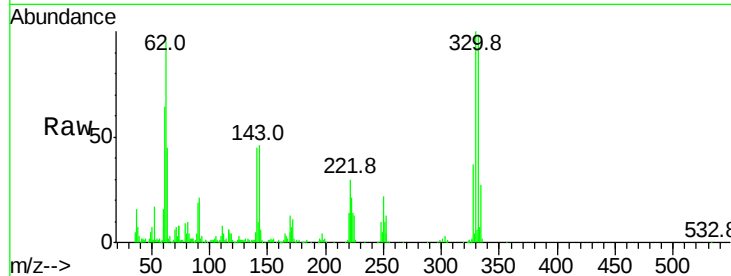
Tot Ion:330 Resp: 161901

Ion Ratio Lower Upper

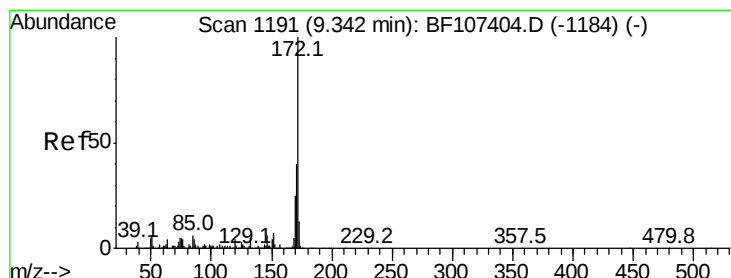
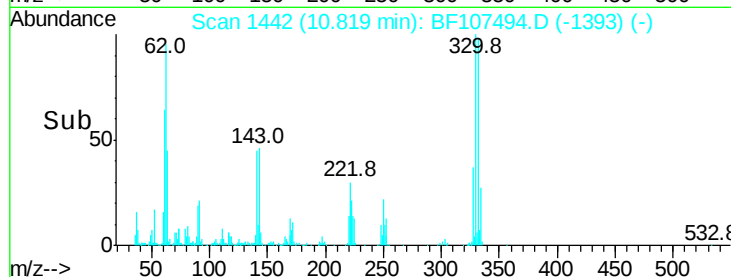
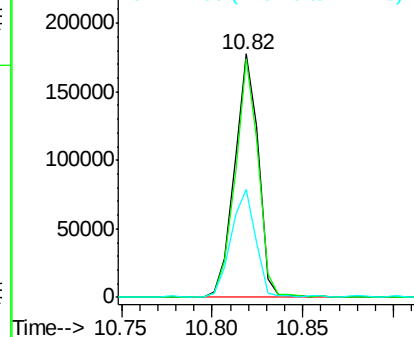
330 100

332 95.6 77.0 115.6

141 46.1 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: 82.843 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

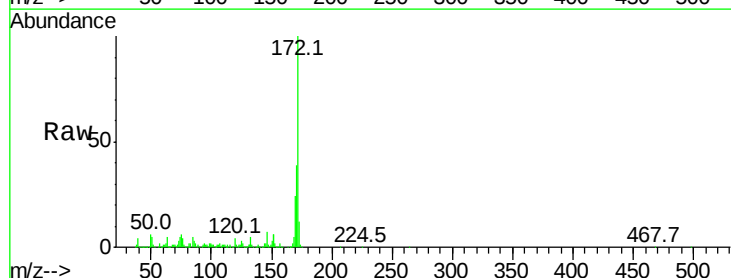
Tgt Ion:172 Resp: 936095

Ion Ratio Lower Upper

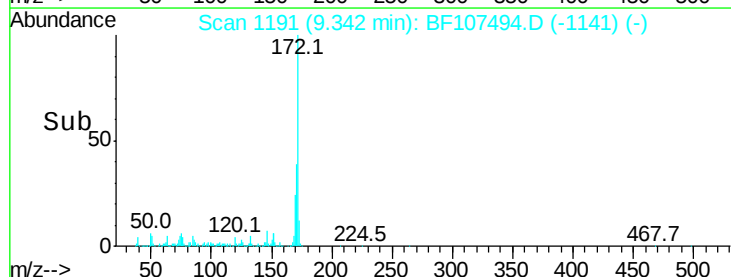
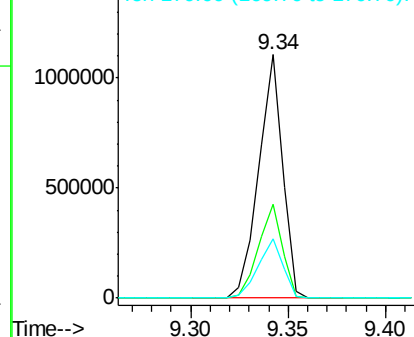
172 100

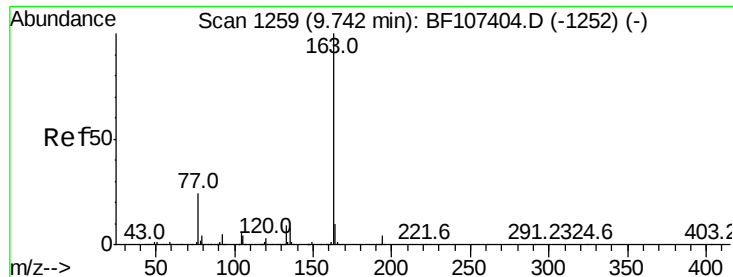
171 38.7 29.7 44.5

170 24.2 19.6 29.4



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





#49

Dimethylphthalate

Concen: 9.701 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

WALL-2-161

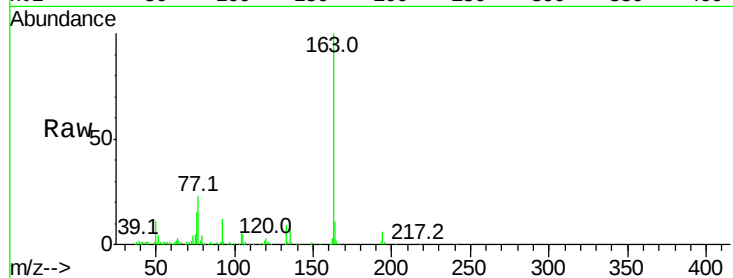
Tot Ion:163 Resp: 144743

Ion Ratio Lower Upper

163 100

194 5.6 2.7 4.1#

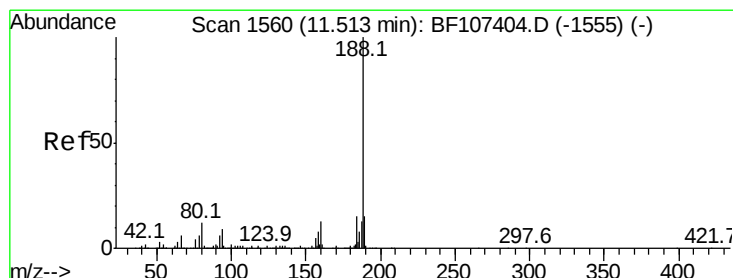
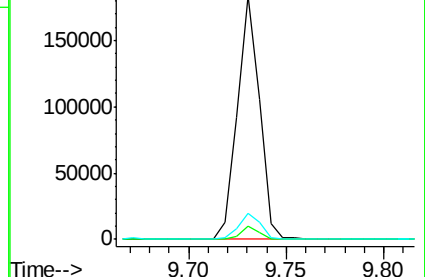
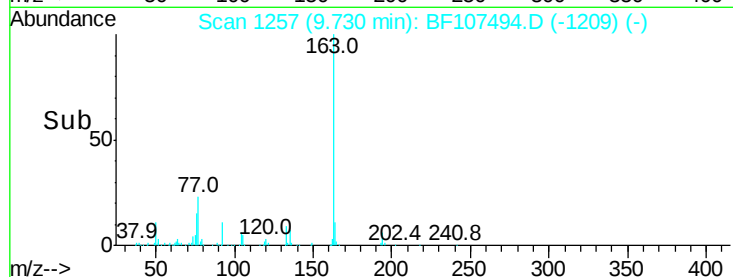
164 10.6 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

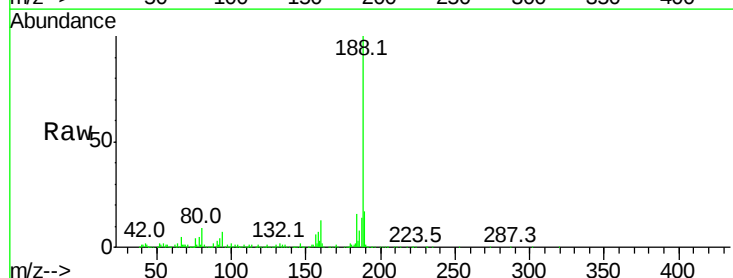
Tgt Ion:188 Resp: 318847

Ion Ratio Lower Upper

188 100

94 7.1 8.5 12.7#

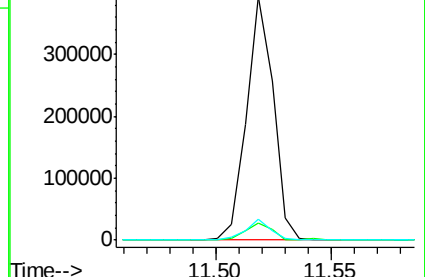
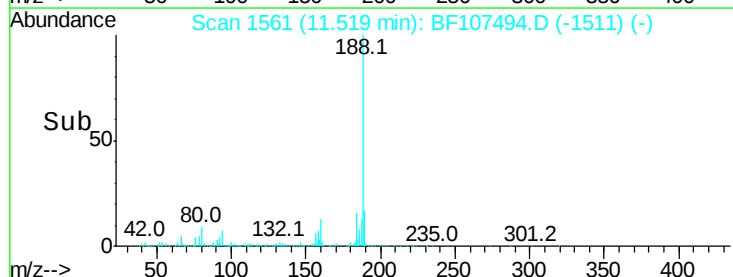
80 8.6 9.2 13.8#

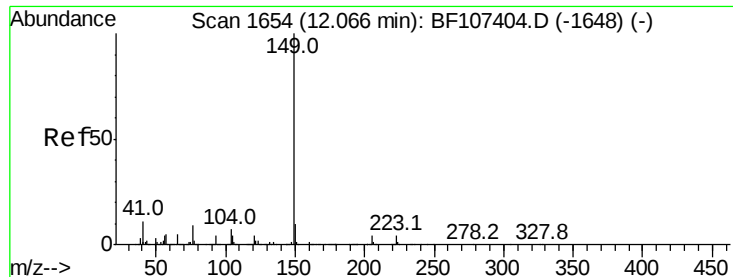


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#73

Di-n-butylphthalate

Concen: 3.763 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampled :

WALL-2-161

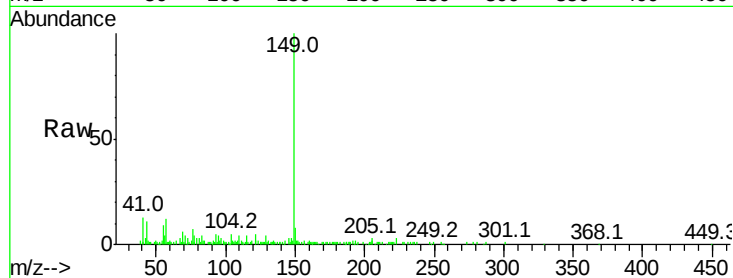
Tot Ion:149 Resp: 64793

Ion Ratio Lower Upper

149 100

150 8.1 7.8 11.6

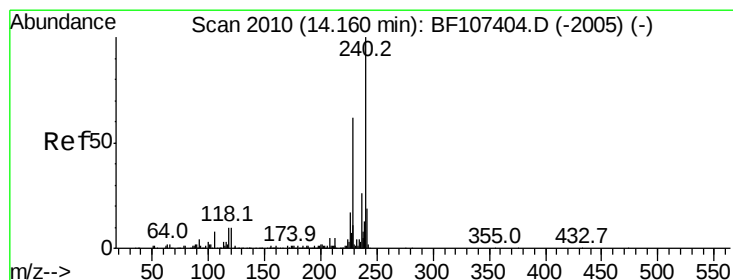
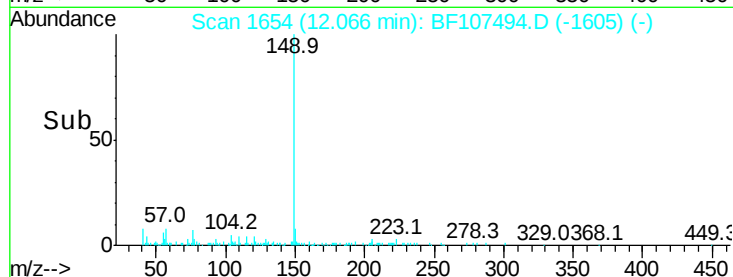
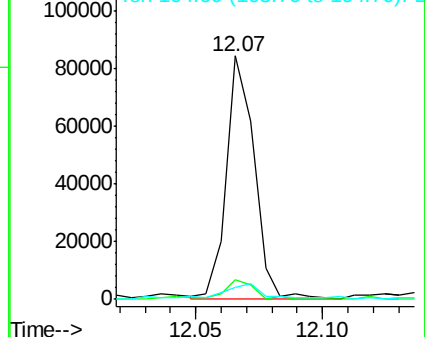
104 4.9 3.8 5.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

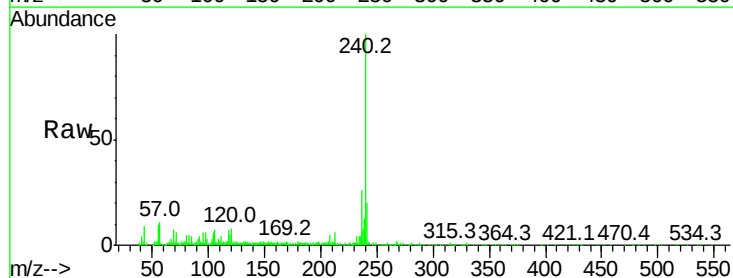
Tgt Ion:240 Resp: 269668

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

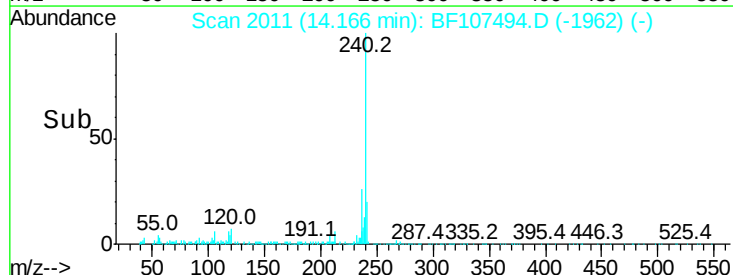
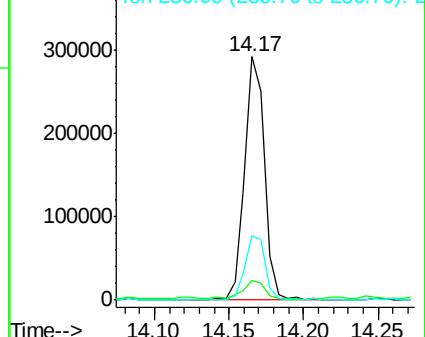
236 26.4 20.7 31.1

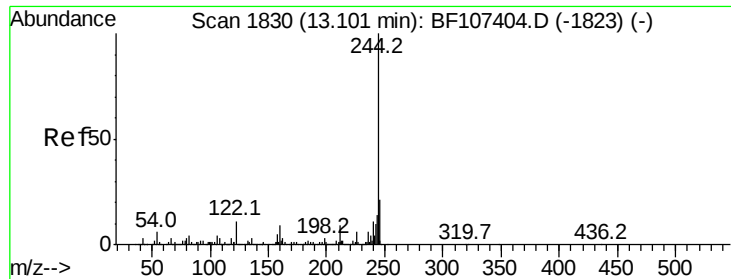


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.602 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

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WALL-2-161

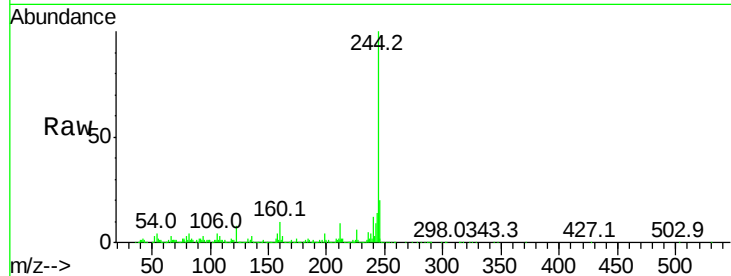
Tot Ion:244 Resp: 787995

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

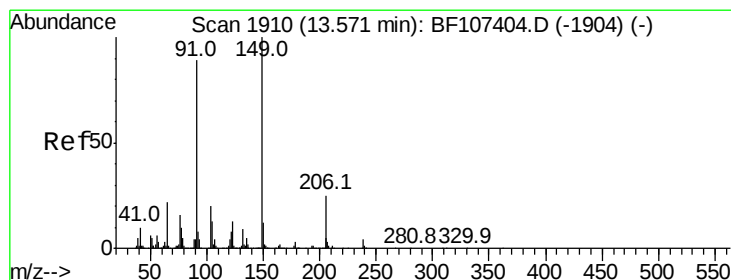
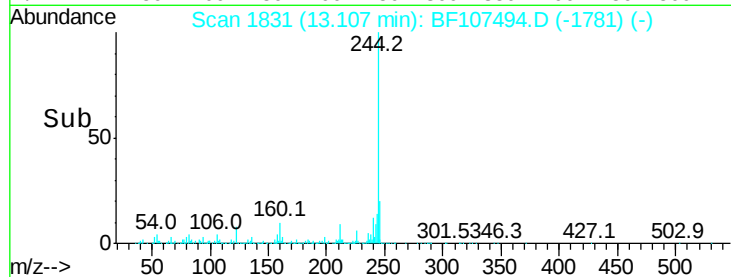
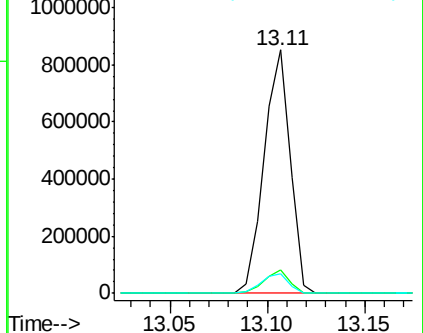
122 8.3 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 3.536 ng

RT: 13.57 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

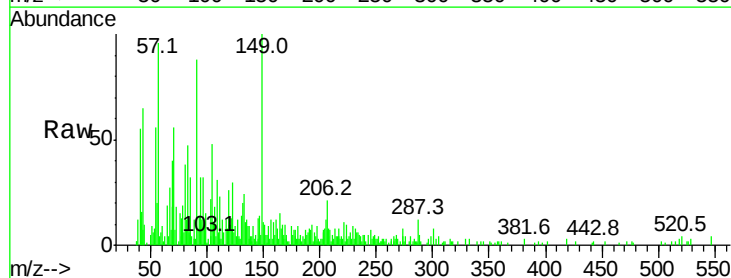
Tgt Ion:149 Resp: 23620

Ion Ratio Lower Upper

149 100

91 88.4 56.8 85.2#

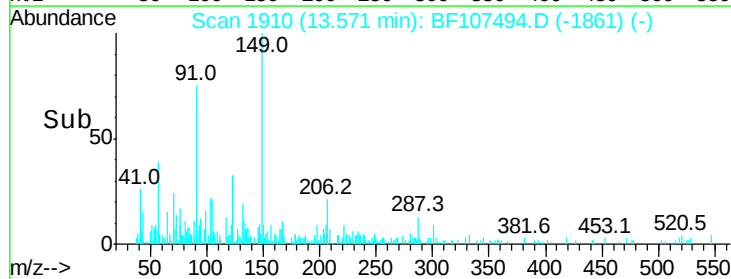
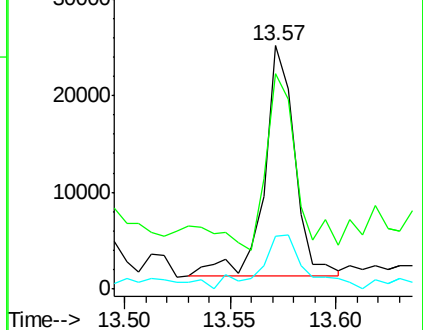
206 21.5 14.1 21.1#

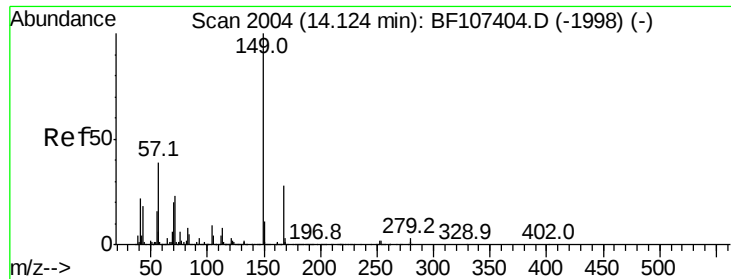


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

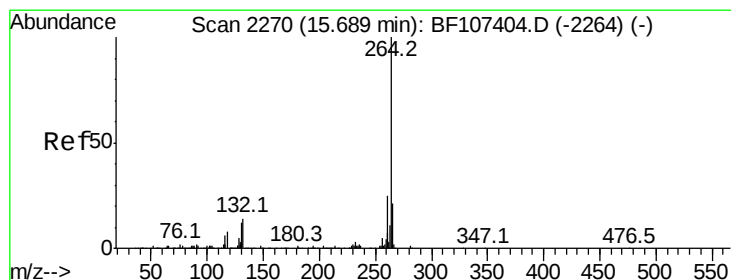
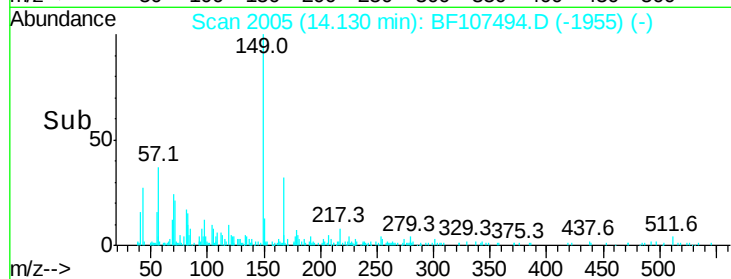
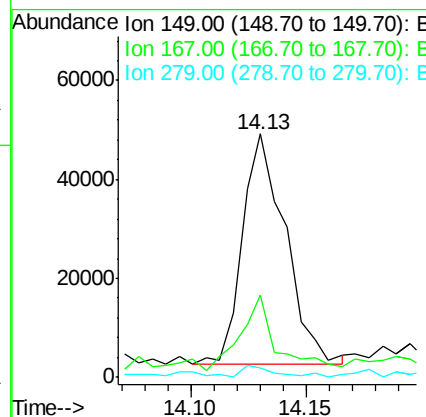
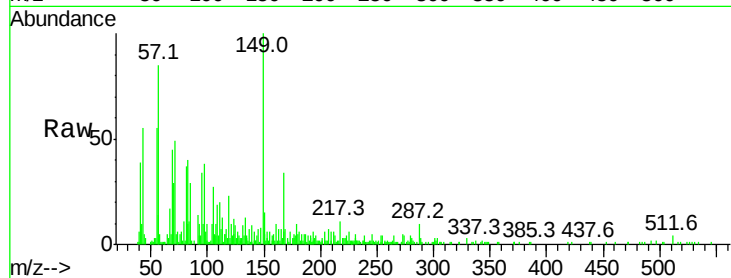




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.253 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF107494.D
 Acq: 19 Jul 2018 4:56

Instrument :
 BNA_F
 ClientSampleId :
 WALL-2-161

Tot Ion	Ratio	Lower	Upper
149	100		
167	33.6	21.3	31.9#
279	4.1	3.0	4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BF107494.D
 Acq: 19 Jul 2018 4:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	19.4	17.5	26.3

