

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107479.D
 Acq On : 18 Jul 2018 16:00
 Operator : JU/SJ
 Sample : J4006-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RR-BASELINE-WATER

Quant Time: Jul 18 16:23:07 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

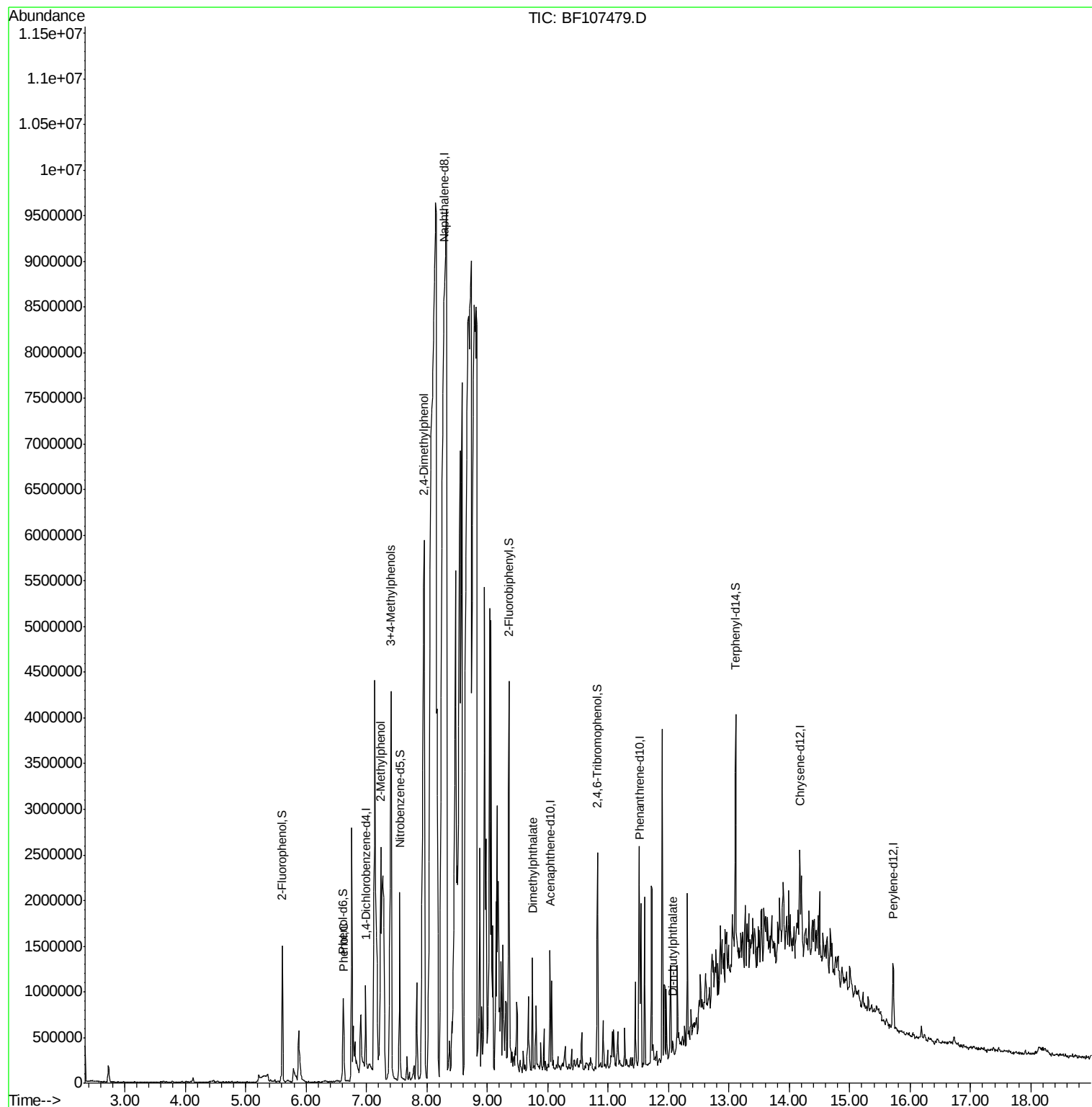
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	119724	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	196549	20.00	ng	0.01
38) Acenaphthene-d10	10.04	164	231126	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	380141	20.00	ng	0.00
75) Chrysene-d12	14.18	240	255548	20.00	ng	0.00
86) Perylene-d12	15.72	264	286353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	345143	43.78	ng	0.00
7) Phenol-d6	6.61	99	295673	29.01	ng	0.00
23) Nitrobenzene-d5	7.55	82	712237	193.23	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	200328	98.65	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1188936	85.88	ng	0.01
78) Terphenyl-d14	13.11	244	873134	84.89	ng	0.00
Target Compounds						
10) Phenol	6.63	94	153197	14.020	ng	# 70
17) 2-Methylphenol	7.24	107	334509	44.131	ng	# 82
20) 3+4-Methylphenols	7.41	107	1372556	142.549	ng	# 91
27) 2,4-Dimethylphenol	7.95	122	1816607	618.681	ng	85
49) Dimethylphthalate	9.75	163	343311	18.695	ng	99
73) Di-n-butylphthalate	12.07	149	47386	2.308	ng	# 93

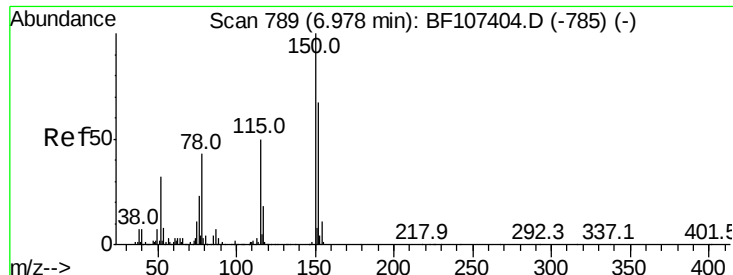
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RR-BASELINE-WATER

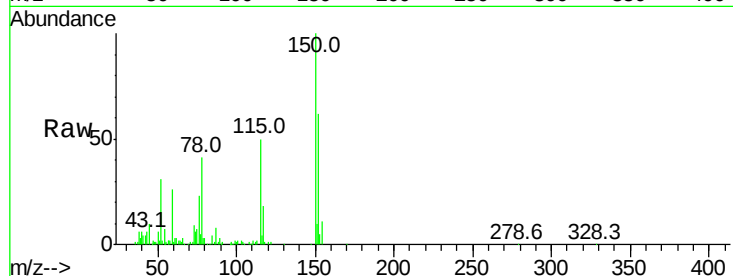
Tot Ion:152 Resp: 119724

Ion Ratio Lower Upper

152 100

150 161.1 124.6 186.8

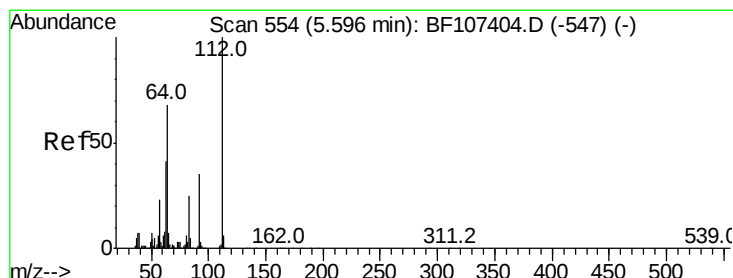
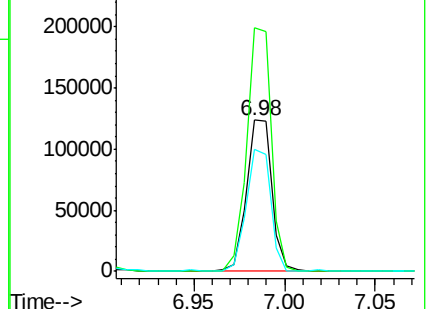
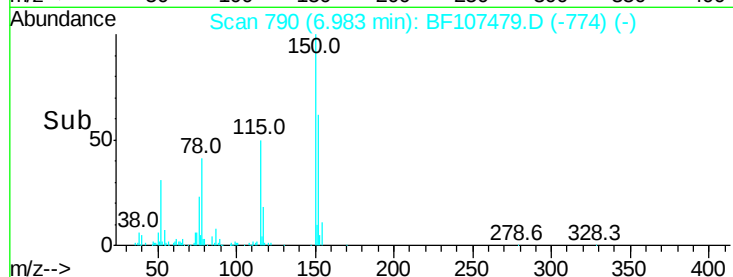
115 80.7 50.1 75.1#



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: 43.783 ng

RT: 5.61 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

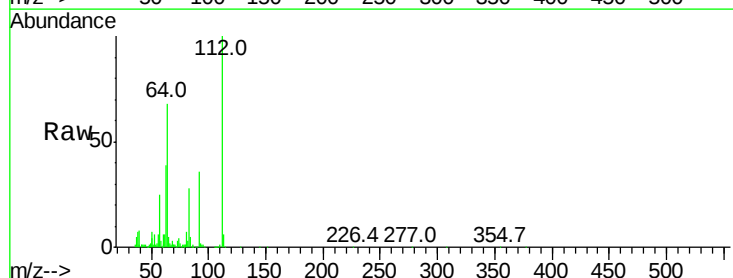
Tgt Ion:112 Resp: 345143

Ion Ratio Lower Upper

112 100

64 67.5 47.9 71.9

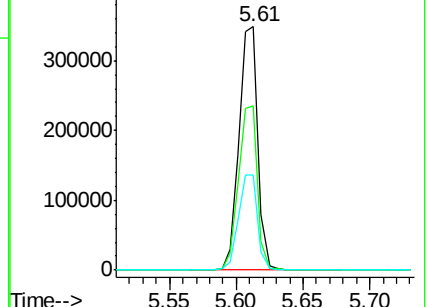
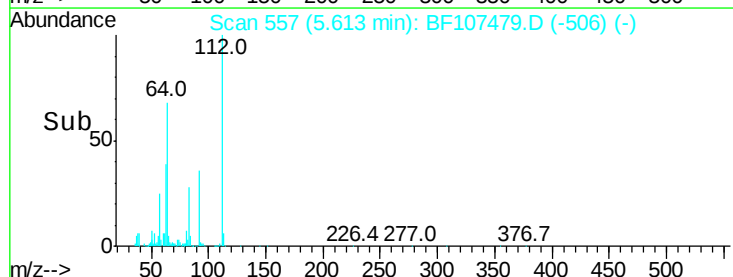
63 38.9 23.7 35.5#

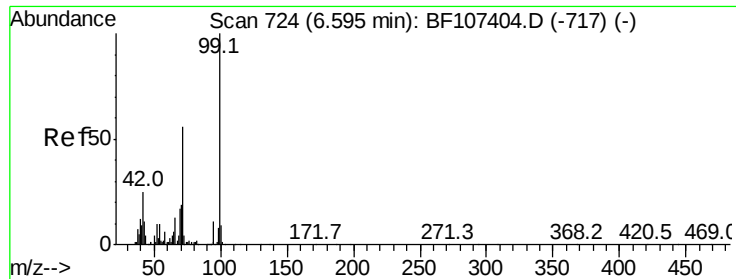


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.010 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RR-BASELINE-WATER

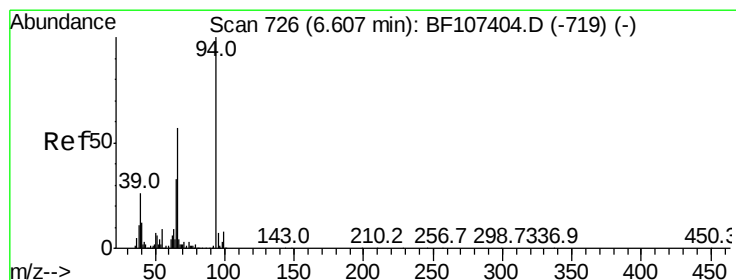
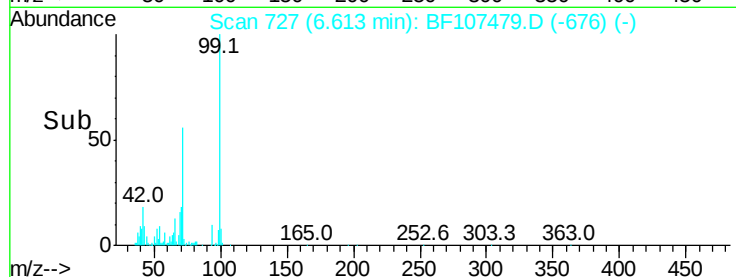
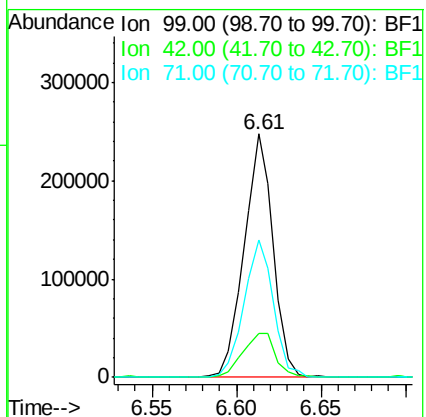
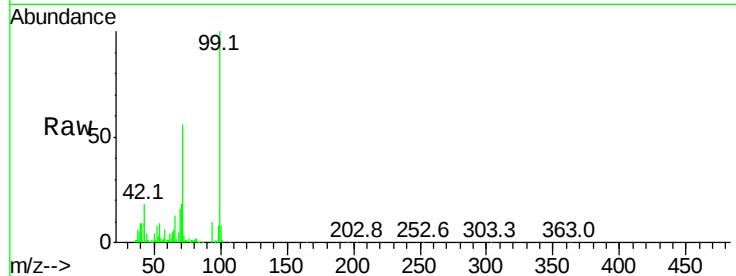
Tot Ion: 99 Resp: 295673

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 56.4 25.4 38.0#



#10

Phenol

Concen: 14.020 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

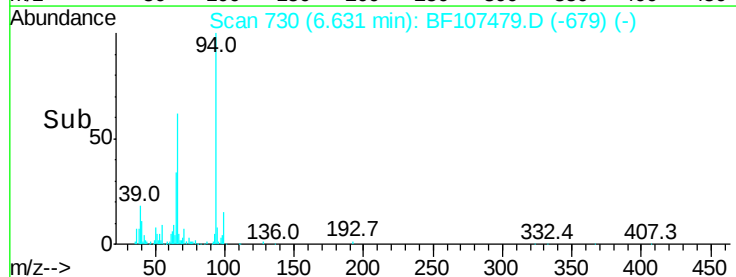
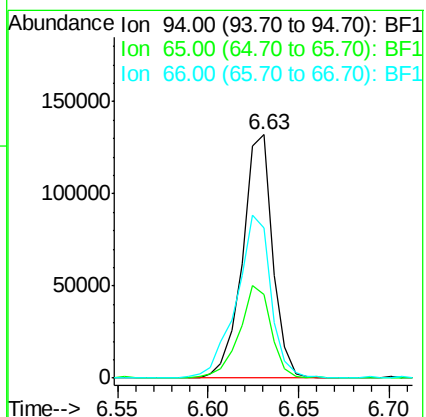
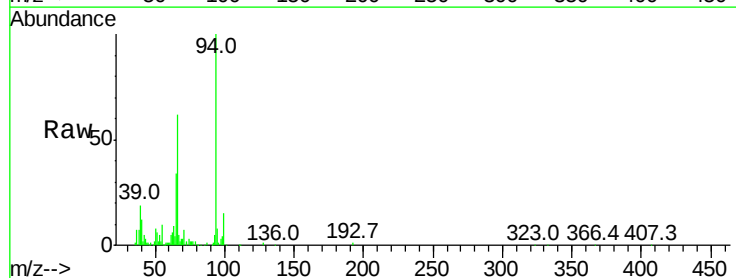
Tgt Ion: 94 Resp: 153197

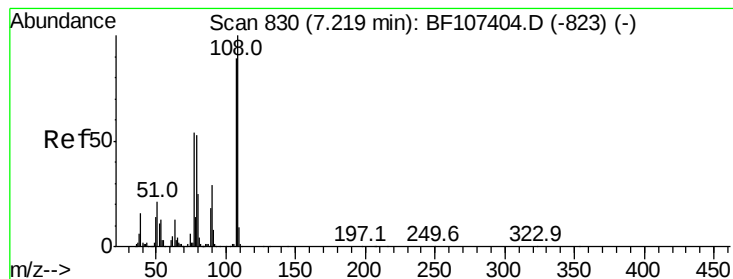
Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

66 61.7 16.2 56.2#





#17

2-Methylphenol

Concen: 44.131 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RR-BASELINE-WATER

Tot Ion:107 Resp: 334509

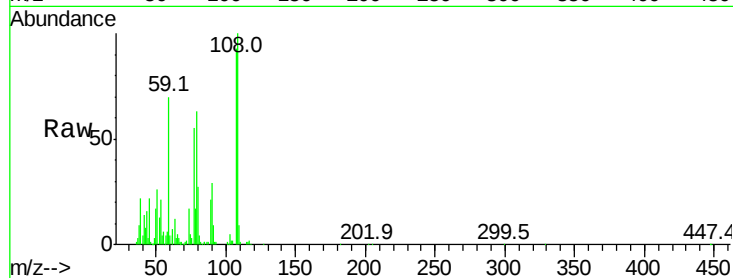
Ion Ratio Lower Upper

107 100

108 107.4 91.7 137.5

77 59.1 33.8 50.8#

79 67.9 33.8 50.8#



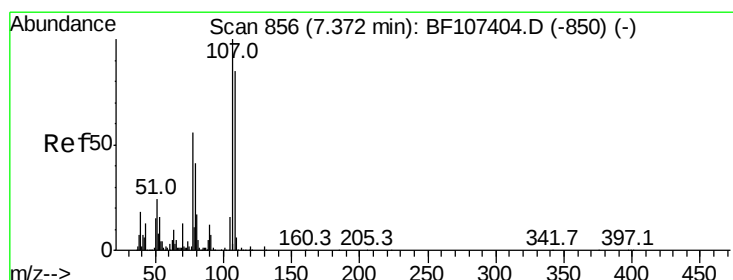
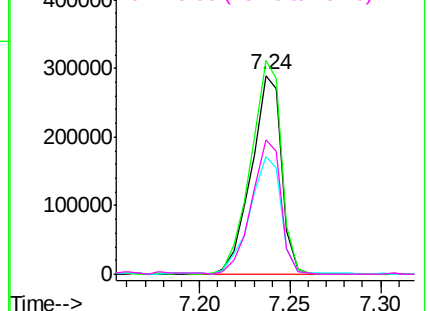
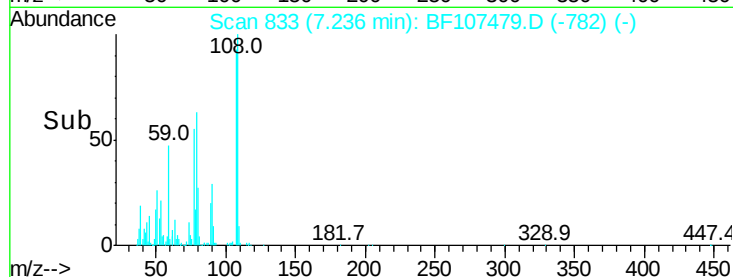
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20

3+4-Methylphenols

Concen: 142.549 ng

RT: 7.41 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Tgt Ion:107 Resp: 1372556

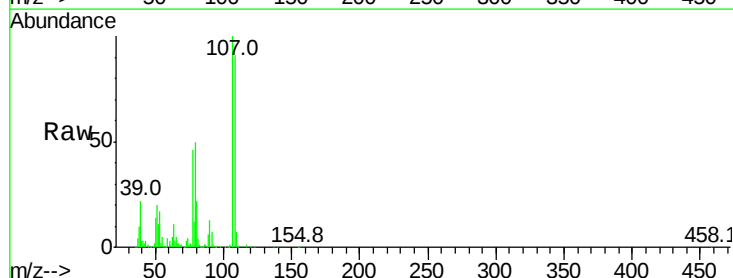
Ion Ratio Lower Upper

107 100

108 91.0 68.2 108.2

77 46.3 26.7 66.7

79 49.9 6.3 46.3#



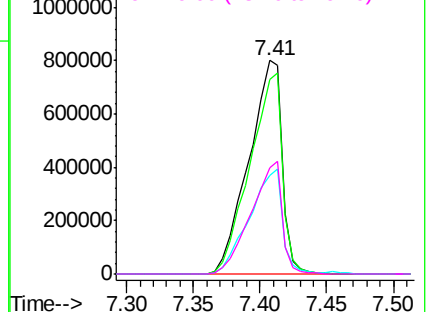
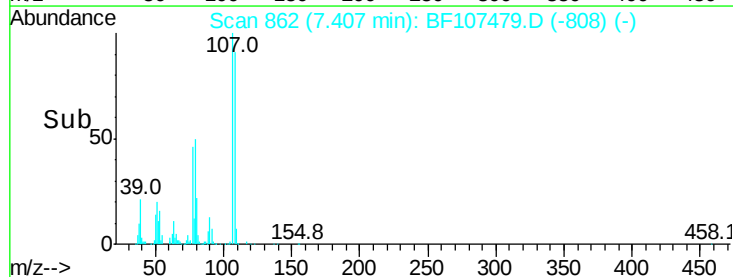
Abundance

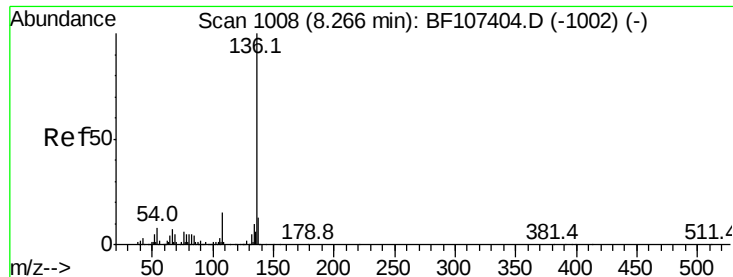
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

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: 8.28 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RR-BASELINE-WATER

Tot Ion:136 Resp: 196549

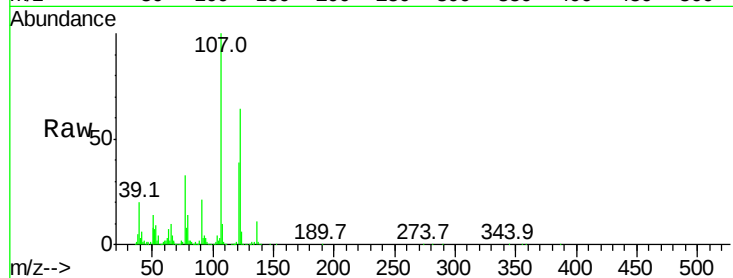
Ion Ratio Lower Upper

136 100

137 9.3 8.9 13.3

54 21.4 6.6 9.8#

68 11.1 5.0 7.4#



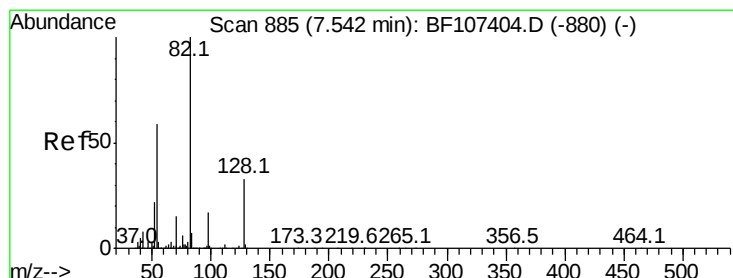
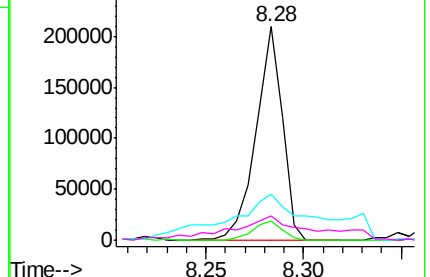
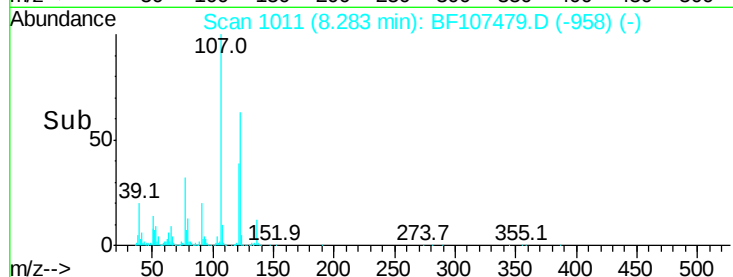
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 193.231 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

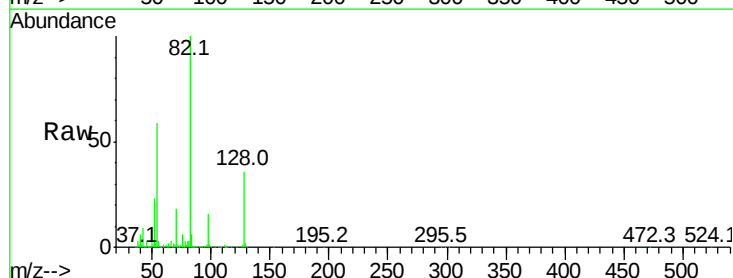
Tgt Ion: 82 Resp: 712237

Ion Ratio Lower Upper

82 100

128 36.1 36.1 54.1

54 59.2 41.4 62.2

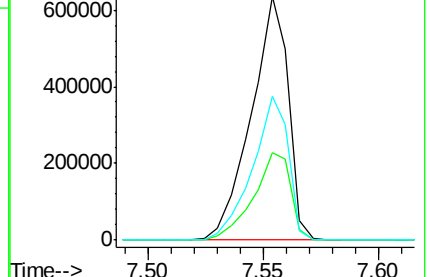
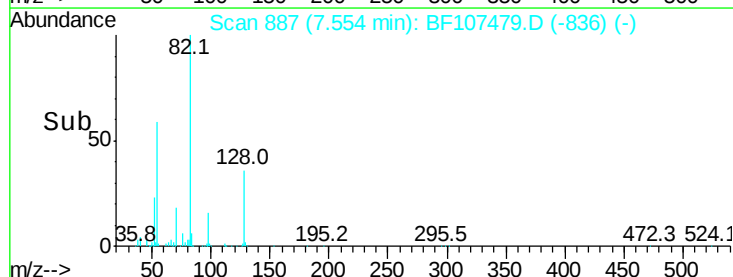


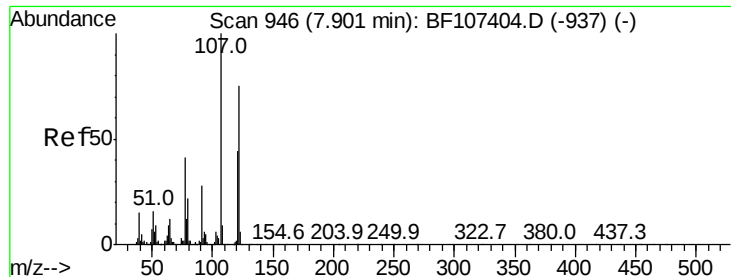
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->

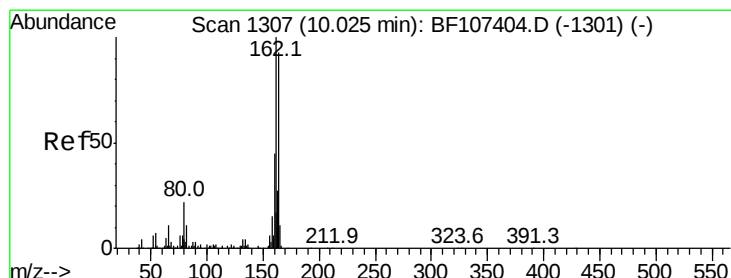
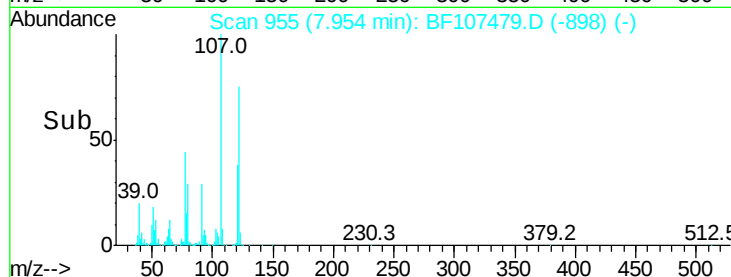
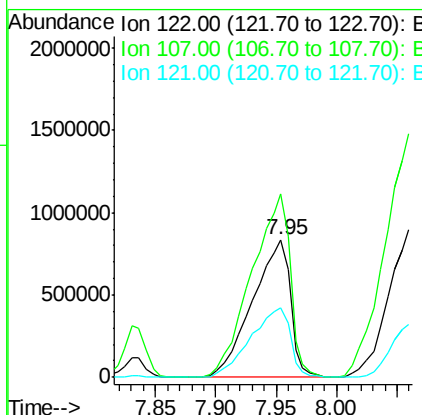
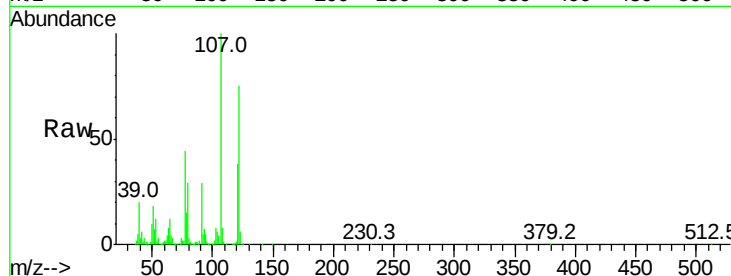




#27
2,4-Dimethylphenol
Concen: 618.681 ng
RT: 7.95 min Scan# 955
Delta R.T. 0.04 min
Lab File: BF107479.D
Acq: 18 Jul 2018 16:00

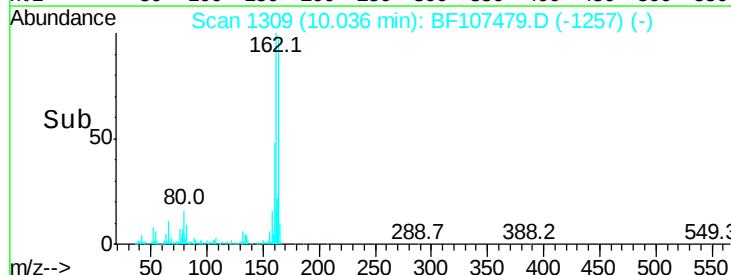
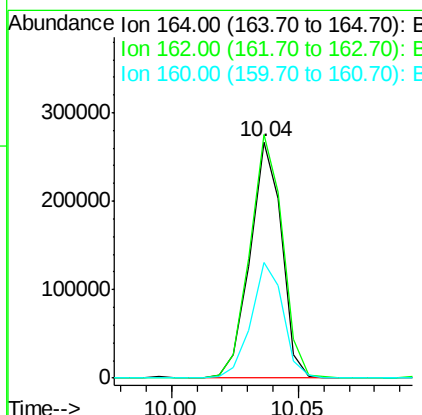
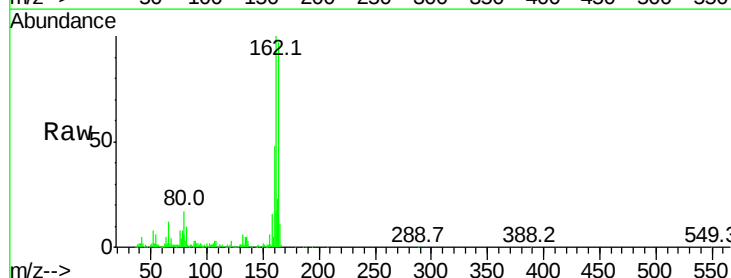
Instrument :
BNA_F
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RR-BASELINE-WATER

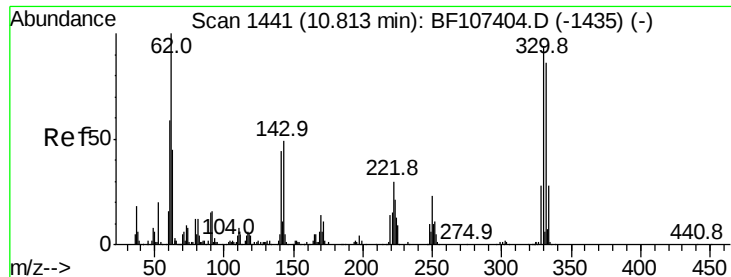
Tot Ion:122 Resp: 1816607
Ion Ratio Lower Upper
122 100
107 132.5 91.2 136.8
121 50.9 47.2 70.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF107479.D
Acq: 18 Jul 2018 16:00

Tgt Ion:164 Resp: 231126
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 49.1 38.3 57.5

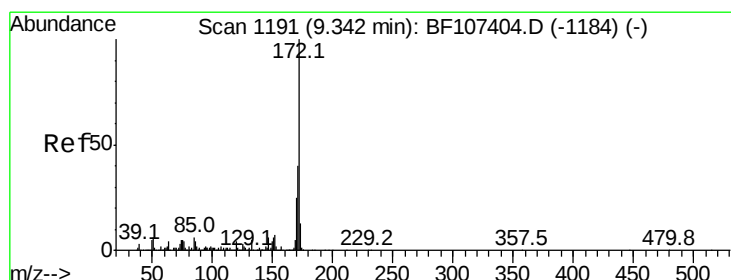
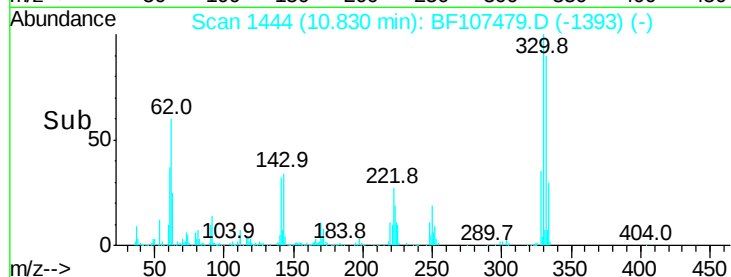
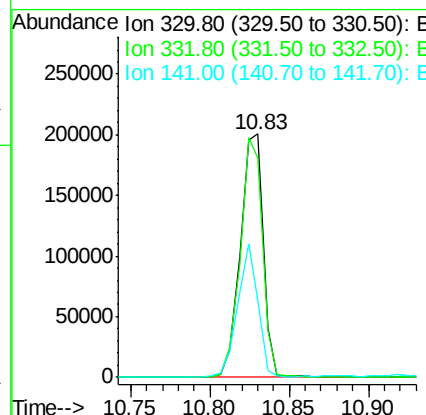
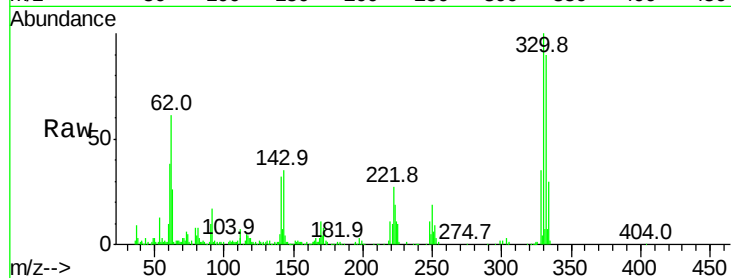




#41
2,4,6-Tribromophenol
Concen: 98.649 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF107479.D
Acq: 18 Jul 2018 16:00

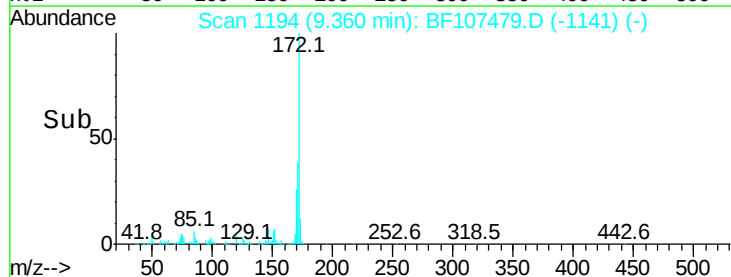
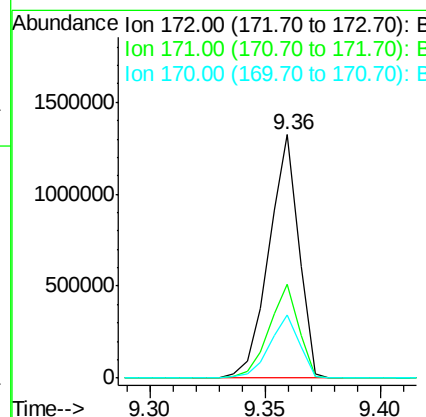
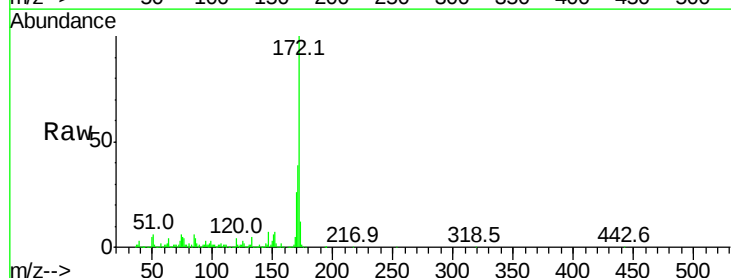
Instrument :
BNA_F
ClientSampleId :
RR-BASELINE-WATER

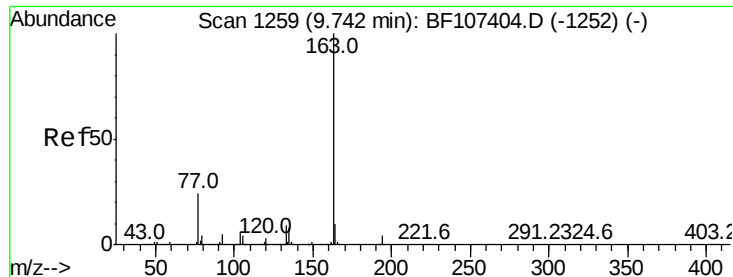
Tot Ion:330 Resp: 200328
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 48.6 29.9 44.9#



#44
2-Fluorobiphenyl
Concen: 85.882 ng
RT: 9.36 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF107479.D
Acq: 18 Jul 2018 16:00

Tgt Ion:172 Resp: 1188936
Ion Ratio Lower Upper
172 100
171 38.5 29.7 44.5
170 26.1 19.6 29.4





#49

Dimethylphthalate

Concen: 18.695 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RR-BASELINE-WATER

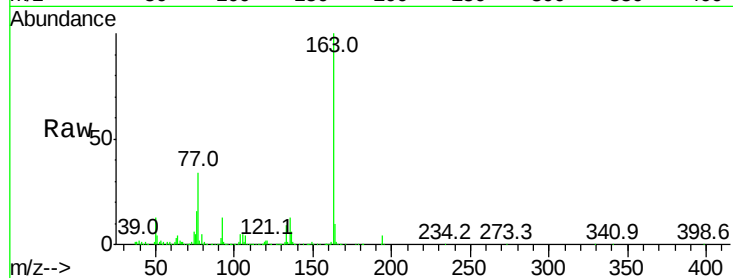
Tot Ion:163 Resp: 343311

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

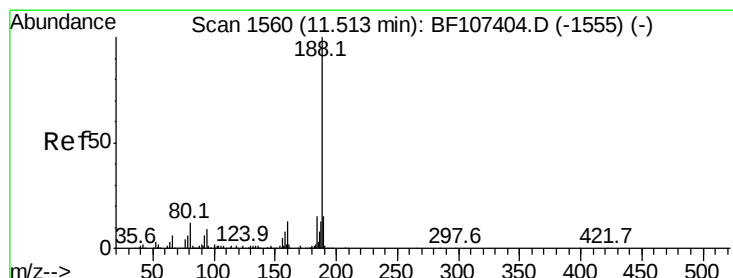
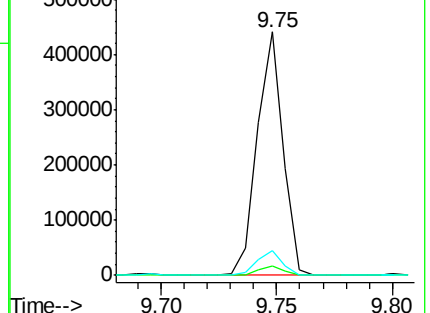
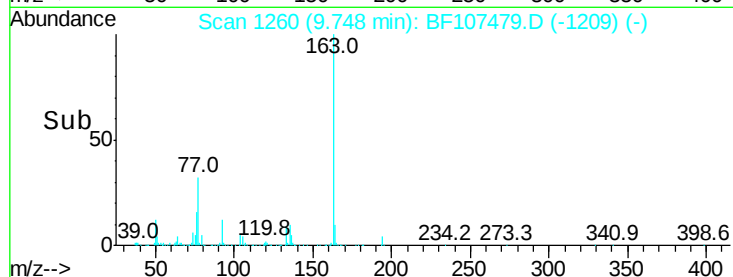
164 10.4 8.2 12.2



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# 1562

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

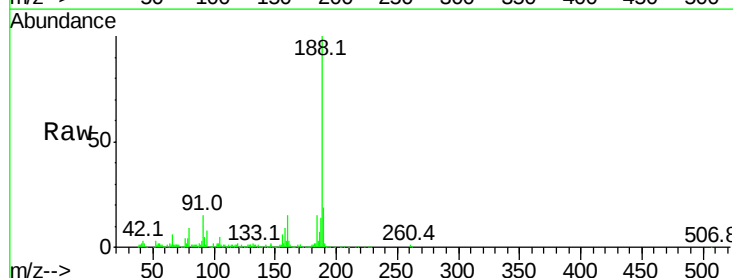
Tgt Ion:188 Resp: 380141

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

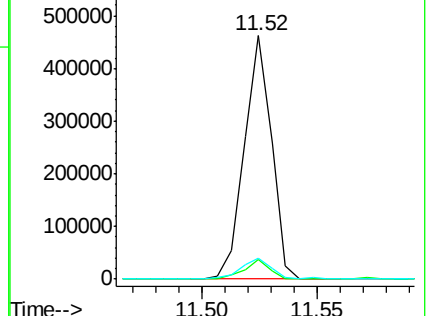
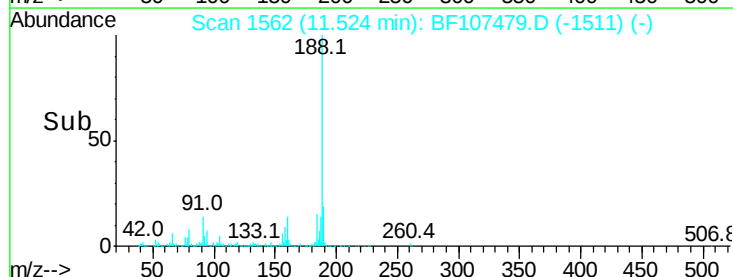
80 8.8 9.2 13.8#

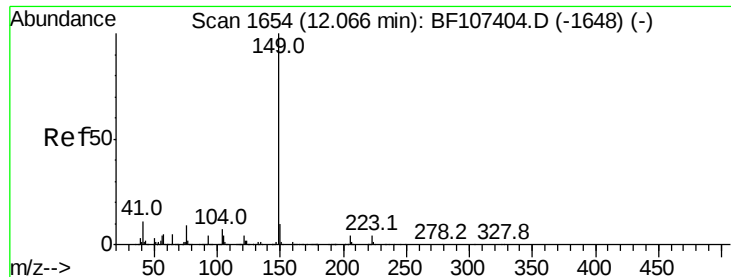


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#73

Di-n-butylphthalate

Concen: 2.308 ng

RT: 12.07 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RR-BASELINE-WATER

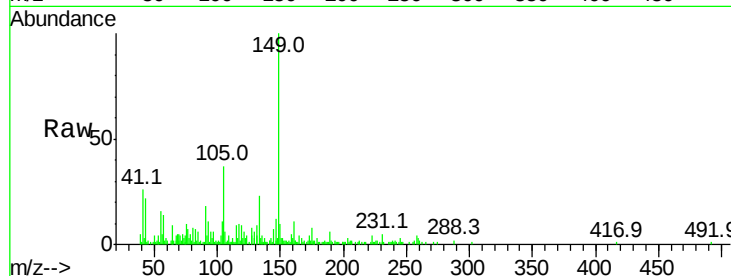
Tot Ion:149 Resp: 47386

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

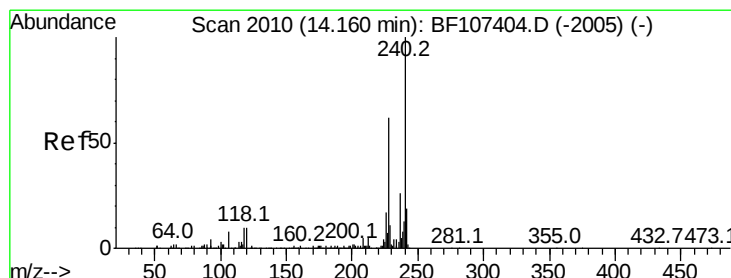
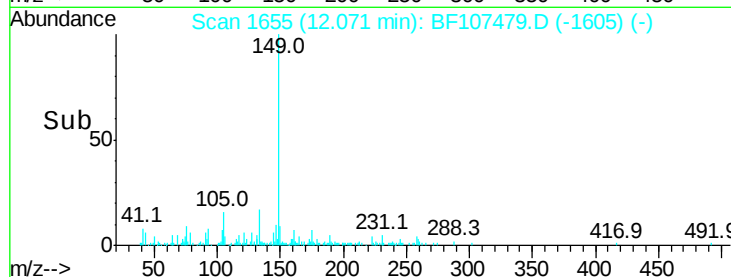
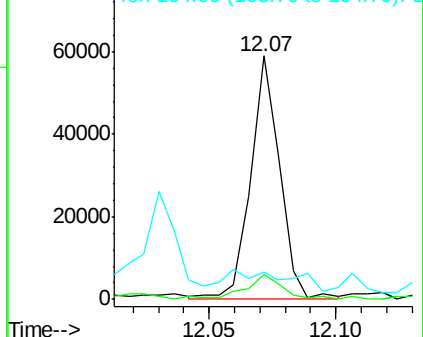
104 11.2 3.8 5.8#



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: 14.18 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

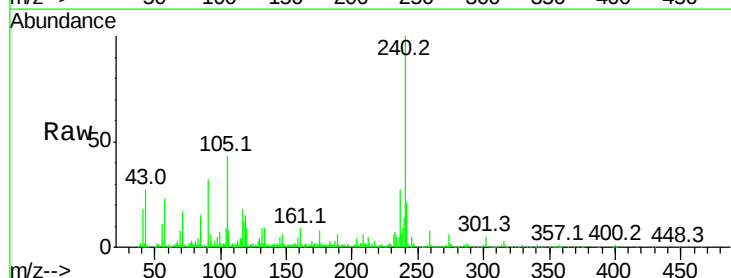
Tgt Ion:240 Resp: 255548

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

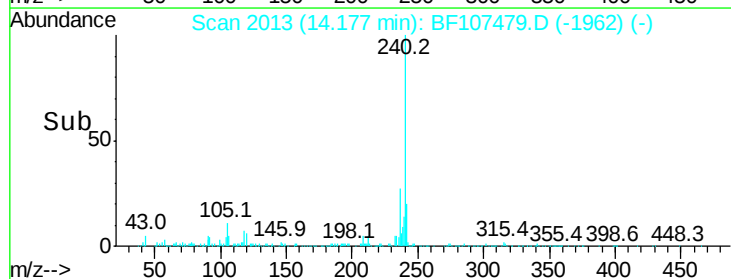
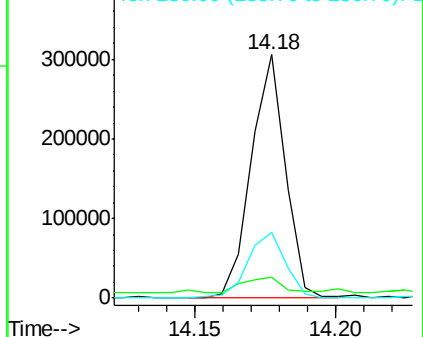
236 27.2 20.7 31.1

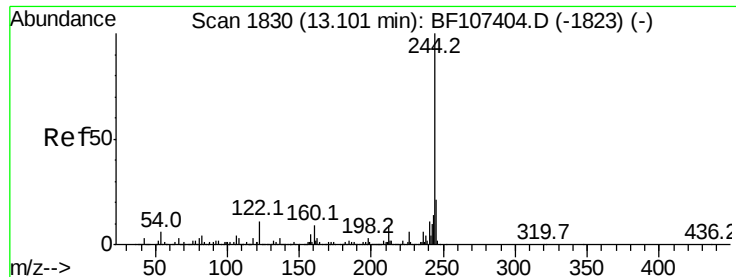


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.891 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

Instrument :

BNA_F

ClientSampleId :

RR-BASELINE-WATER

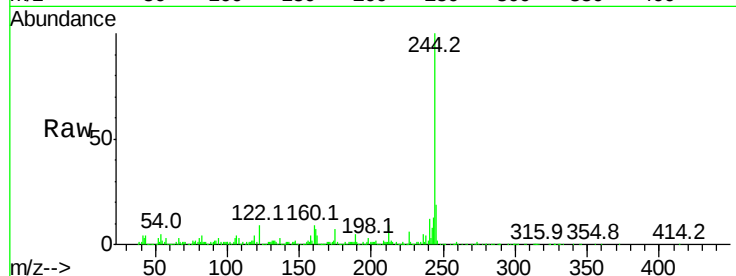
Tot Ion:244 Resp: 873134

Ion Ratio Lower Upper

244 100

212 8.9 5.4 8.0#

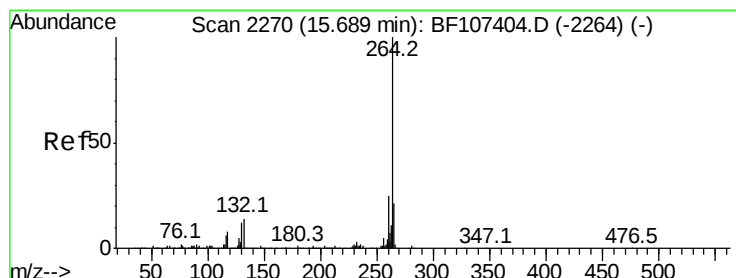
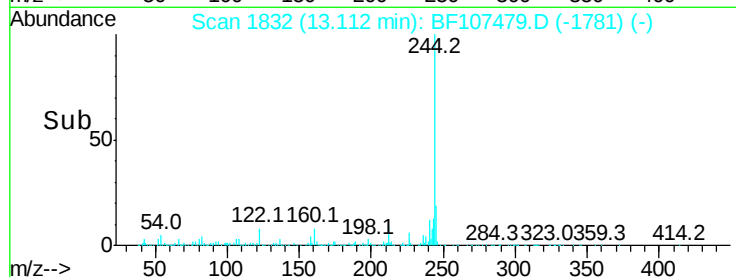
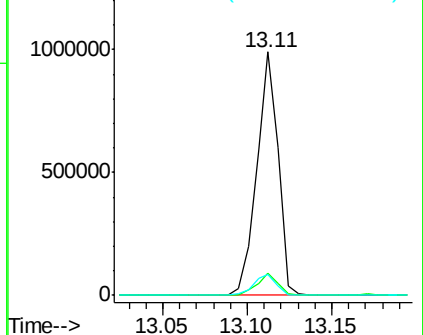
122 8.5 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF107479.D

Acq: 18 Jul 2018 16:00

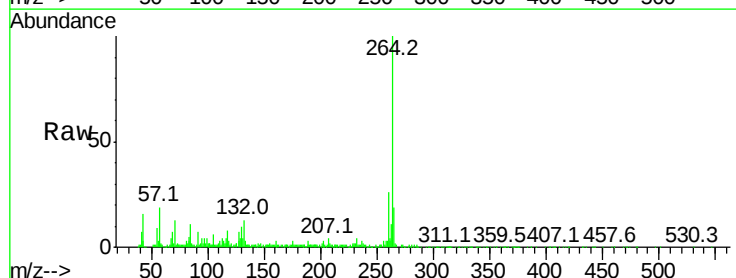
Tgt Ion:264 Resp: 286353

Ion Ratio Lower Upper

264 100

260 26.1 19.2 28.8

265 18.8 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

