

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107552.D
 Acq On : 21 Jul 2018 4:02
 Operator : JU/SJ
 Sample : J4043-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD-BASELINE-WATER

Quant Time: Jul 21 04:58:03 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	262141	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	909292	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	326587	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	680318	20.00	ng	0.00
75) Chrysene-d12	14.17	240	611982	20.00	ng	0.00
86) Perylene-d12	15.71	264	524383	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	165474	10.15	ng	0.00
7) Phenol-d6	6.61	99	167507	8.56	ng	0.00
23) Nitrobenzene-d5	7.54	82	170322	12.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	45071	12.14	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	273996	8.00	ng	0.00
78) Terphenyl-d14	13.09	244	316492	13.24	ng	0.00

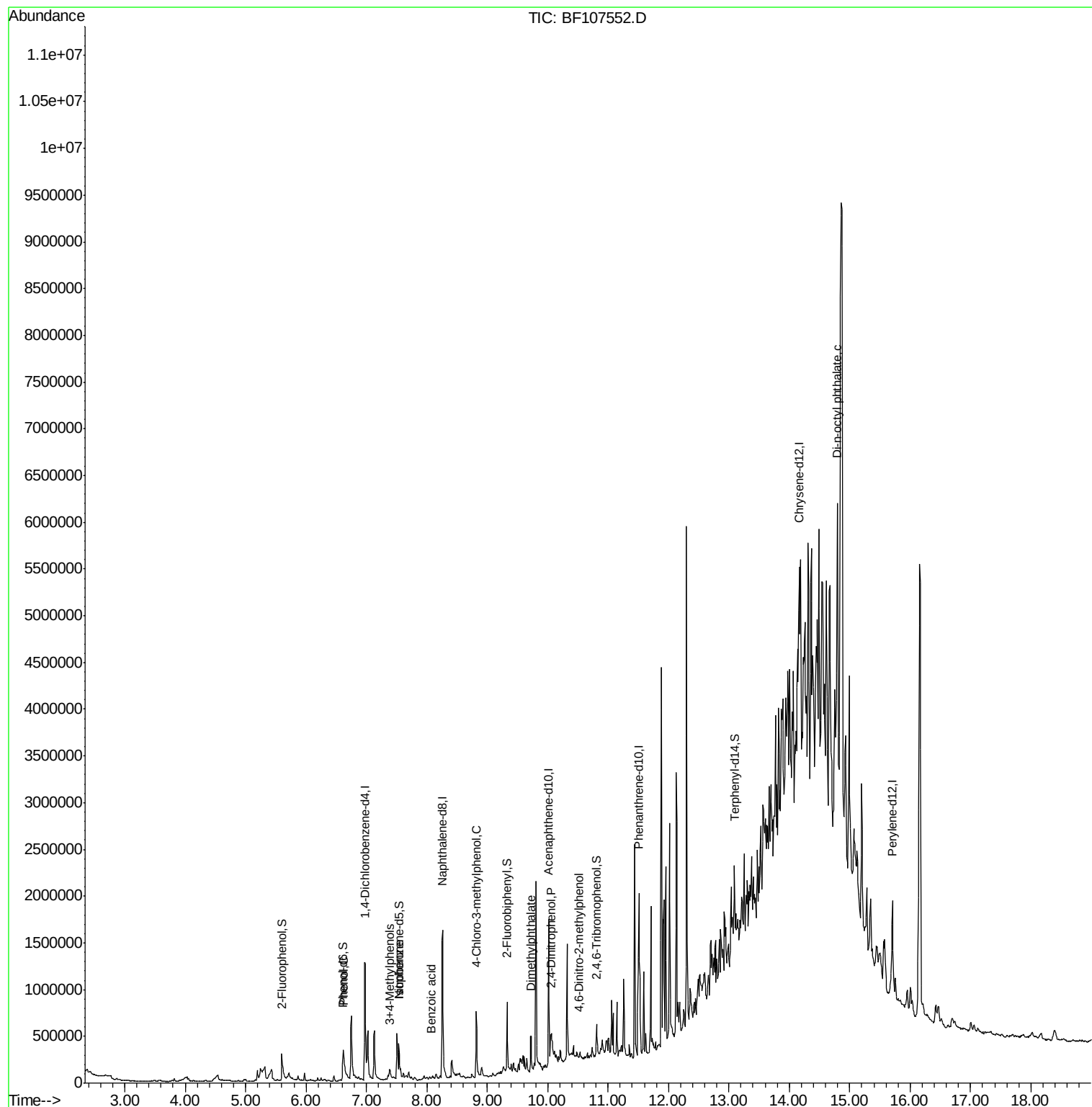
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	1240	Below Cal		# 1
10) Phenol	6.62	94	167818	7.289	ng	# 98
20) 3+4-Methylphenols	7.38	107	60546	3.434	ng	# 88
25) Isophorone	7.54	82	170045	5.911	ng	# 65
32) Benzoic acid	8.07	122	1274	8.023	ng	# 40
36) 4-Chloro-3-methylphenol	8.82	107	97520	6.963	ng	# 20
49) Dimethylphthalate	9.72	163	171148	6.953	ng	# 98
53) 2,4-Dinitrophenol	10.06	184	111	8.346	ng	# 62
64) 4,6-Dinitro-2-methylphenol	10.51	198	138	8.715	ng	# 1
73) Di-n-butylphthalate	12.06	149	13404	Below Cal		# 83
81) 3,3'-Dichlorobenzidine	14.09	252	579	Below Cal		# 1
84) Di-n-octyl phthalate	14.79	149	212256	5.376	ng	# 1

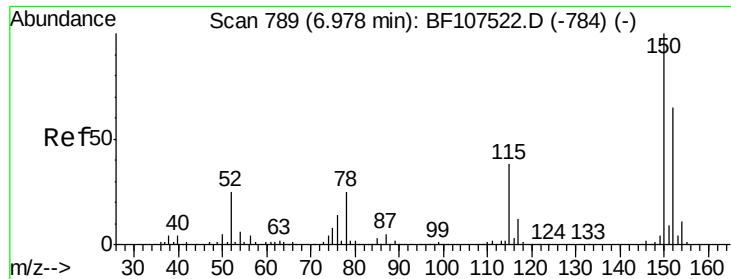
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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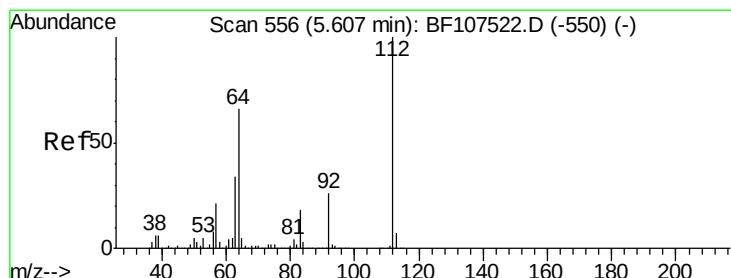
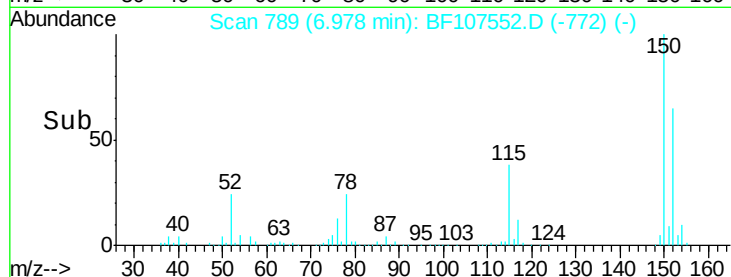
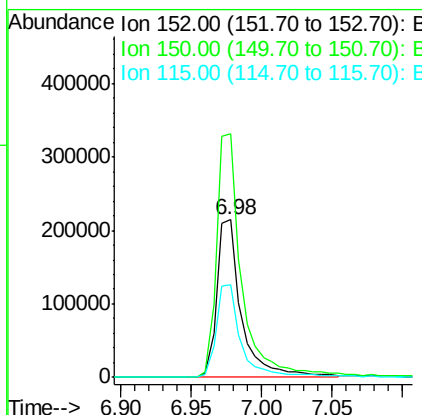
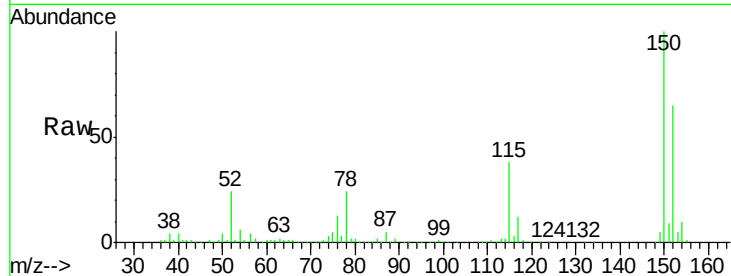


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Instrument :
BNA_F
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SD-BASELINE-WATER

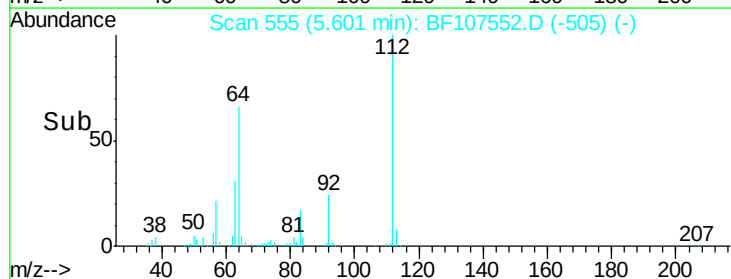
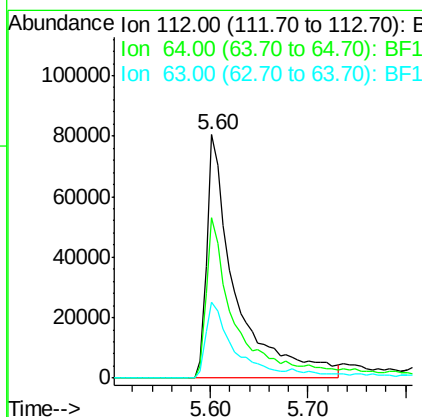
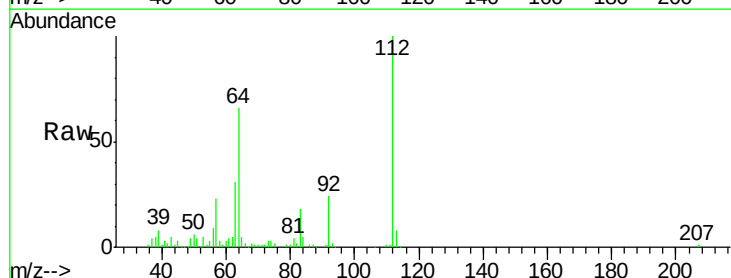
Tgt Ion:152 Resp: 262141
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.8 50.1 75.1

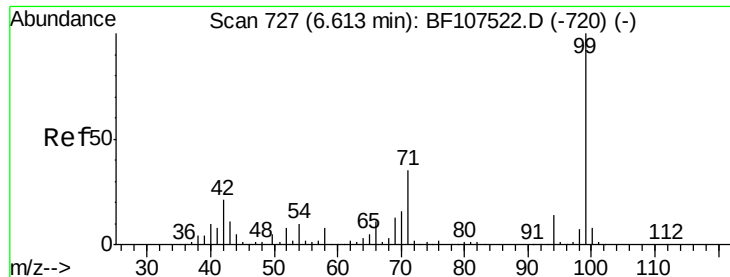


#5

2-Fluorophenol
Concen: 10.149 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Tgt Ion:112 Resp: 165474
Ion Ratio Lower Upper
112 100
64 66.1 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 8.556 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Instrument :

BNA_F

ClientSampleId :

SD-BASELINE-WATER

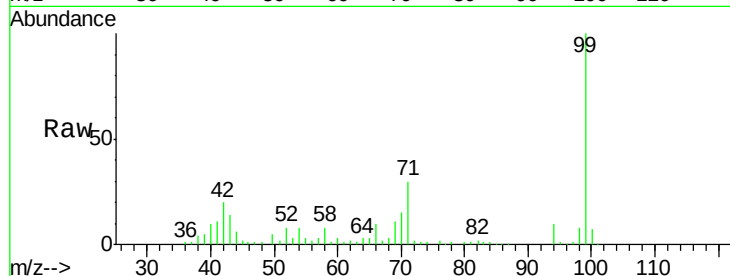
Tgt Ion: 99 Resp: 167507

Ion Ratio Lower Upper

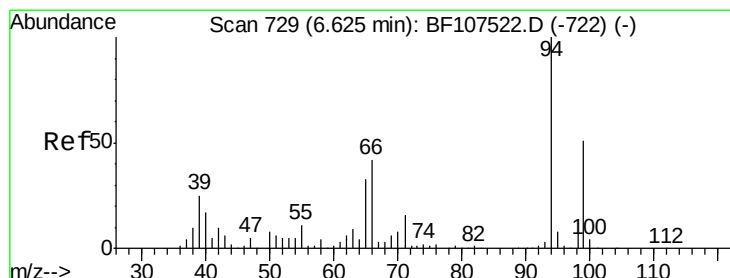
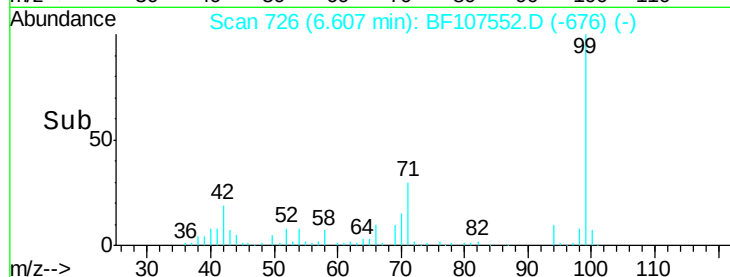
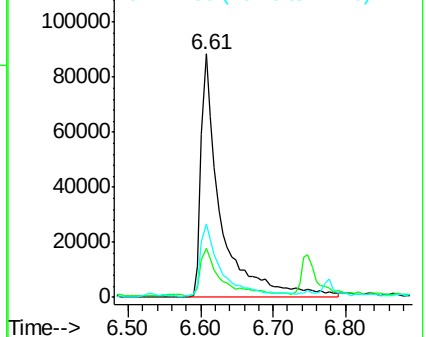
99 100

42 20.0 14.5 21.7

71 30.1 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



#10

Phenol

Concen: 7.289 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

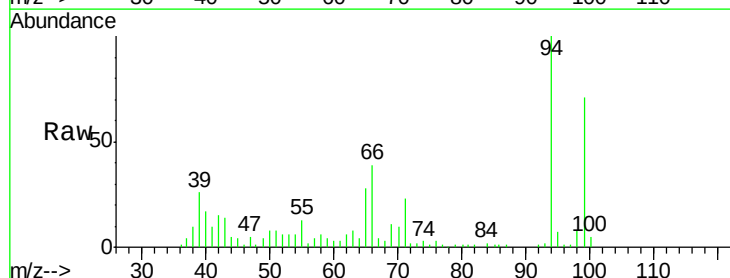
Tgt Ion: 94 Resp: 167818

Ion Ratio Lower Upper

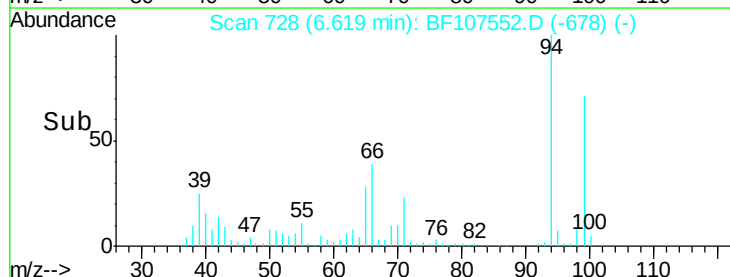
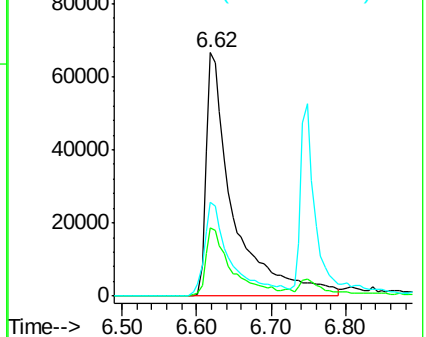
94 100

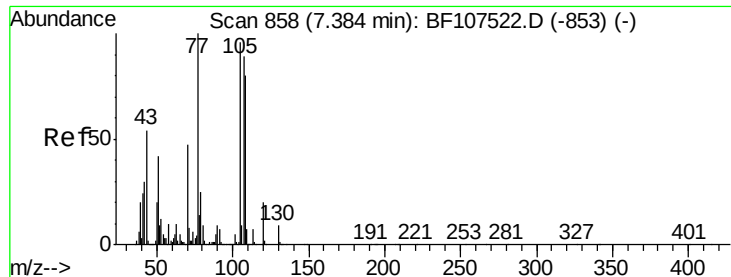
65 27.9 7.9 47.9

66 38.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

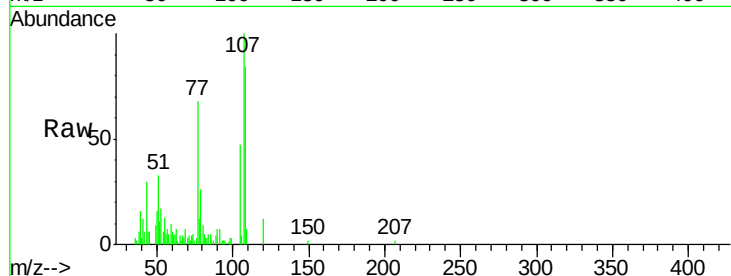




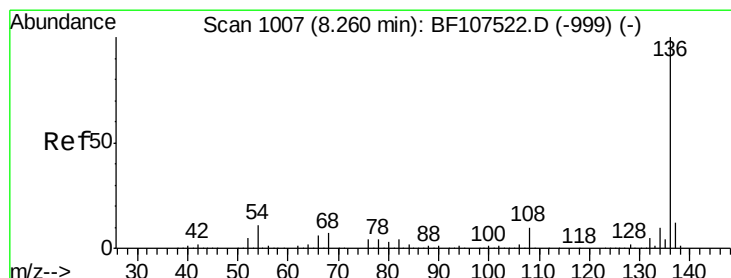
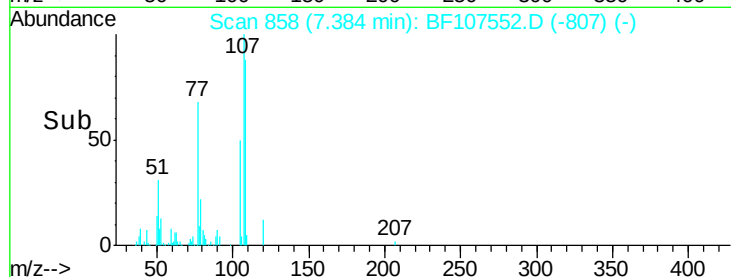
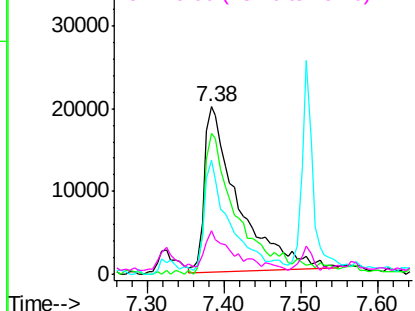
#20
3+4-Methylphenols
Concen: 3.434 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Instrument :
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SD-BASELINE-WATER

Tgt Ion:	107	Resp:	60546
Ion	Ratio	Lower	Upper
107	100		
108	84.3	68.2	108.2
77	68.0	26.7	66.7#
79	25.7	6.3	46.3

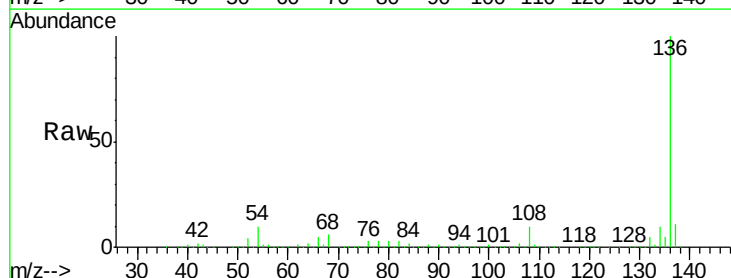


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

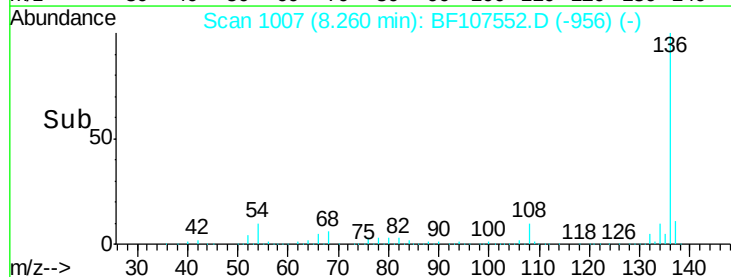
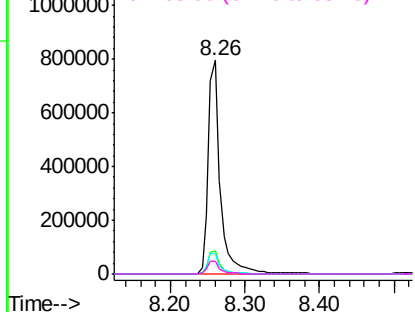


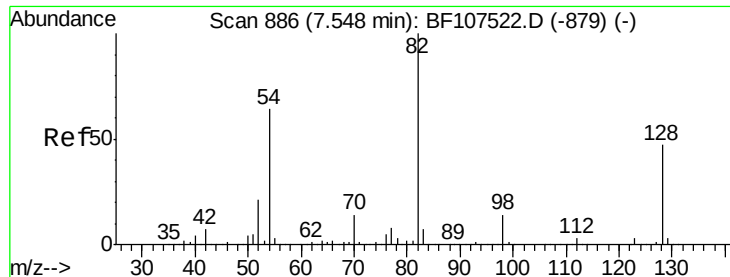
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Tgt Ion:	136	Resp:	909292
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	6.2	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

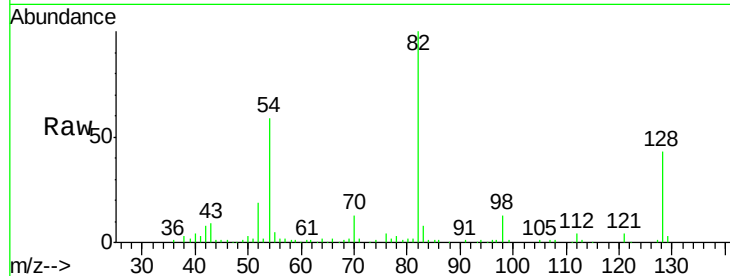




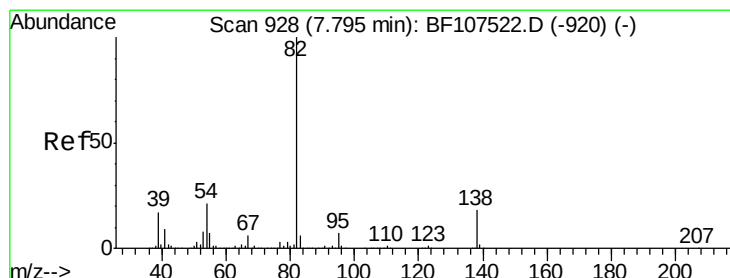
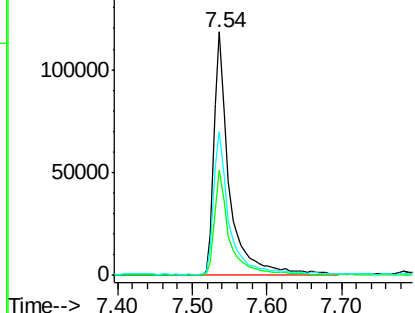
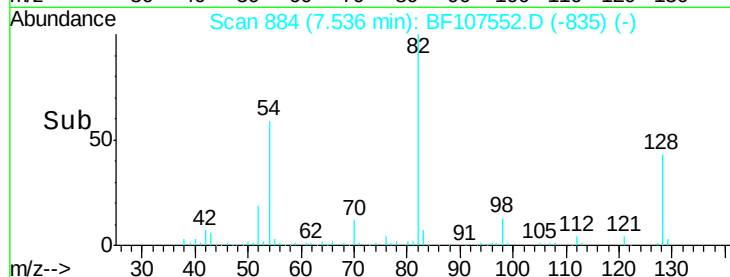
#23
 Nitrobenzene-d5
 Concen: 12.641 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :
 SD-BASELINE-WATER

Tgt Ion: 82 Resp: 170322
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 59.1 41.4 62.2

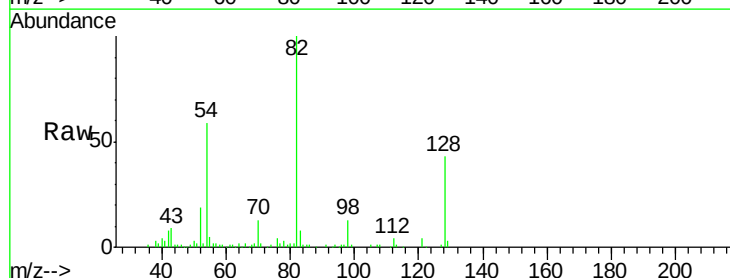


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

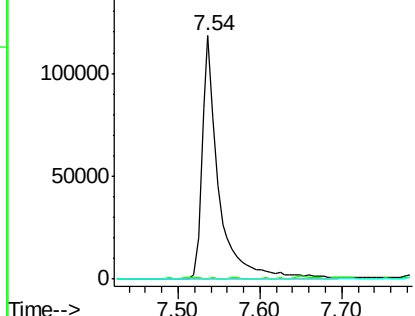
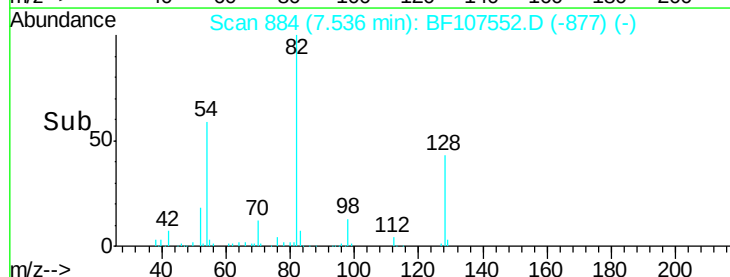


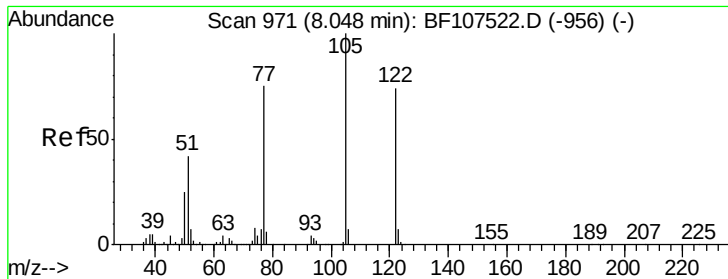
#25
 Isophorone
 Concen: 5.911 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Tgt Ion: 82 Resp: 170045
 Ion Ratio Lower Upper
 82 100
 95 0.4 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





#32

Benzoic acid

Concen: 8.023 ng

RT: 8.07 min Scan# 975

Delta R.T. 0.02 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Instrument :

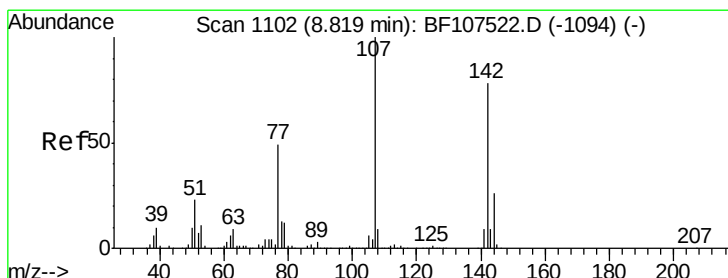
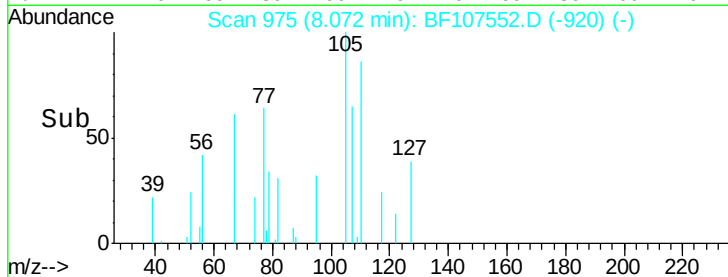
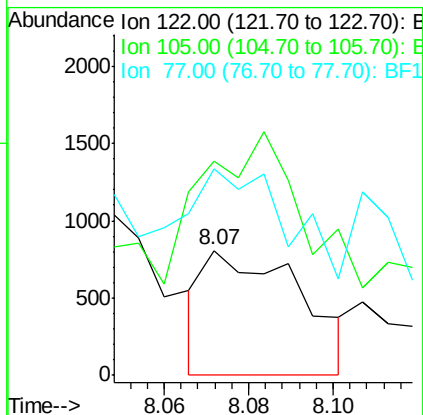
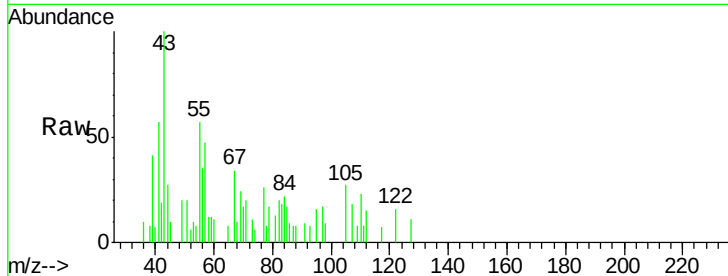
BNA_F

ClientSampleId :

SD-BASELINE-WATER

Tgt Ion:122 Resp: 1274

Ion	Ratio	Lower	Upper
122	100		
105	171.4	101.1	141.1#
77	165.3	70.7	110.7#



#36

4-Chloro-3-methylphenol

Concen: 6.963 ng

RT: 8.82 min Scan# 1102

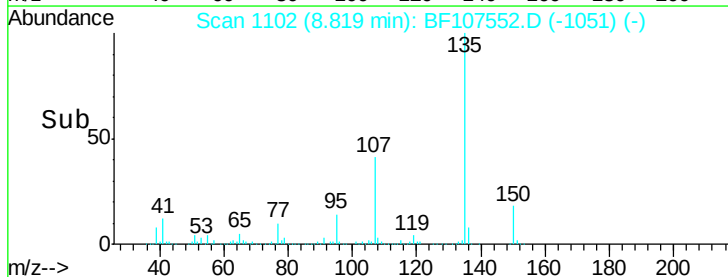
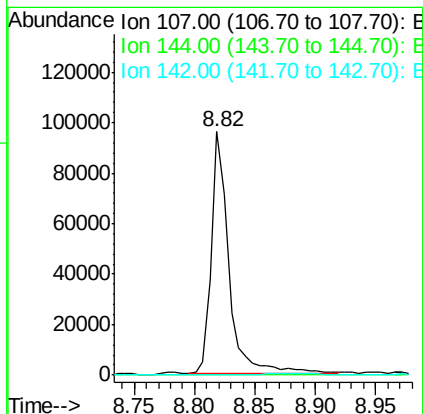
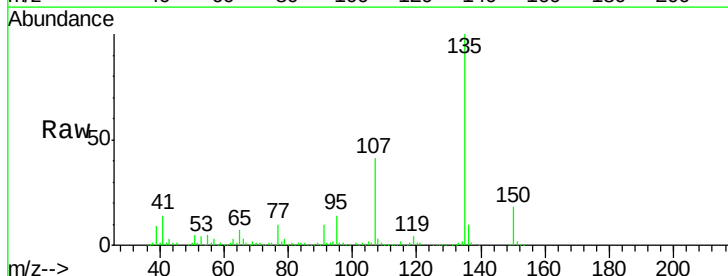
Delta R.T. -0.00 min

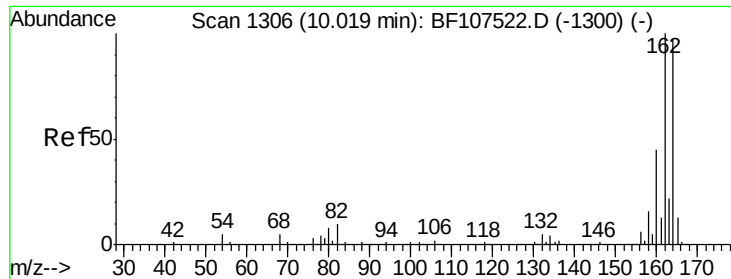
Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Tgt Ion:107 Resp: 97520

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Instrument :

BNA_F

ClientSampleId :

SD-BASELINE-WATER

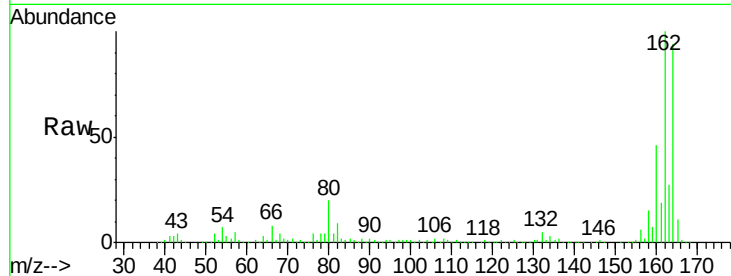
Tgt Ion:164 Resp: 326587

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

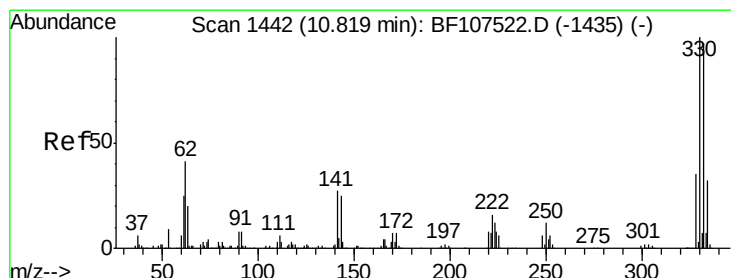
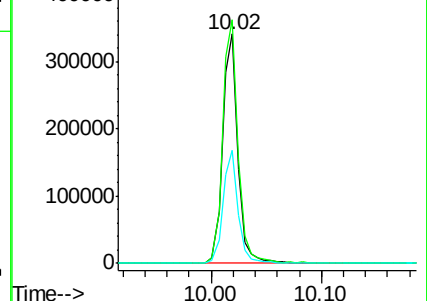
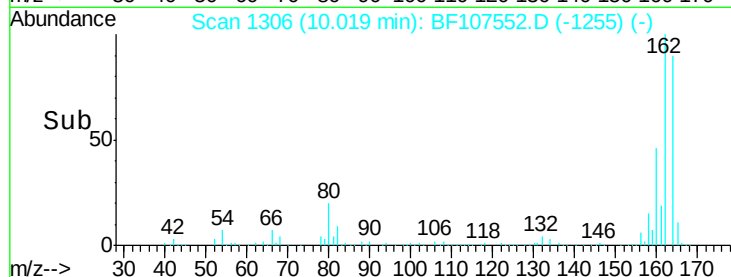
160 49.1 38.3 57.5



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: 12.136 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

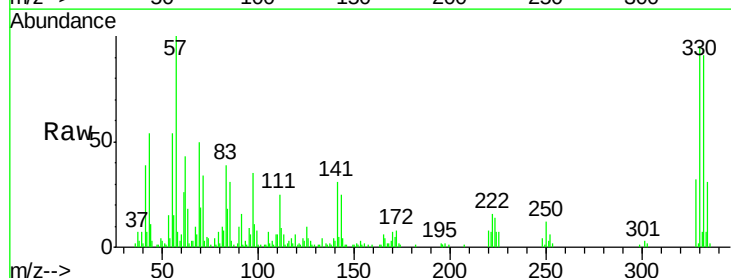
Tgt Ion:330 Resp: 45071

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

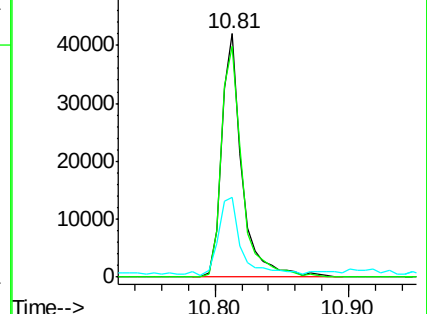
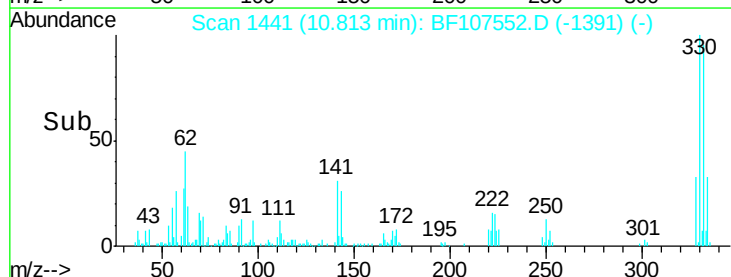
141 33.9 29.9 44.9

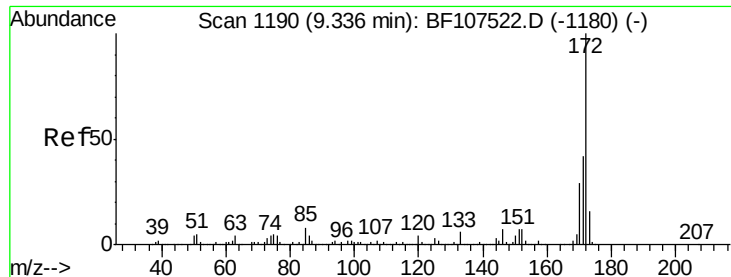


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

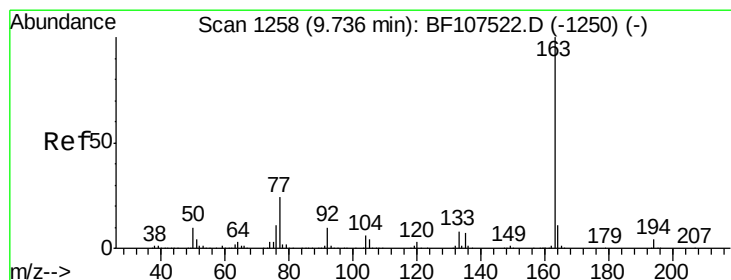
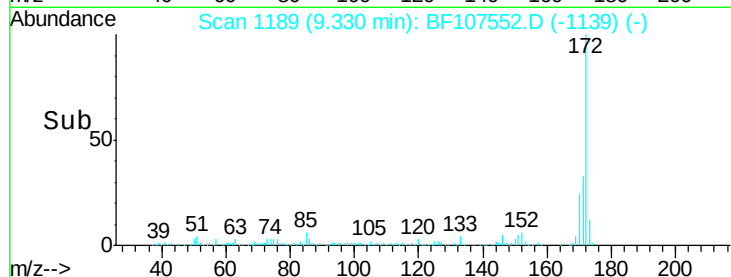
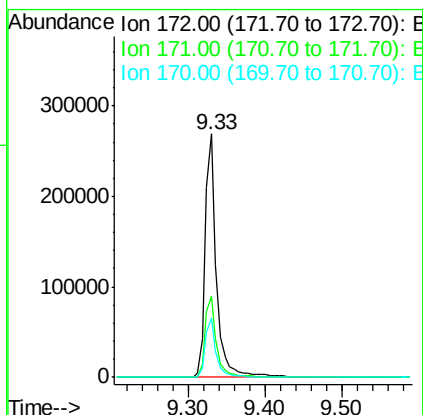
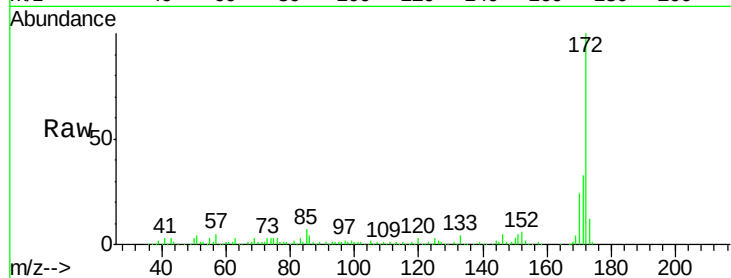




#44
 2-Fluorobiphenyl
 Concen: 8.003 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

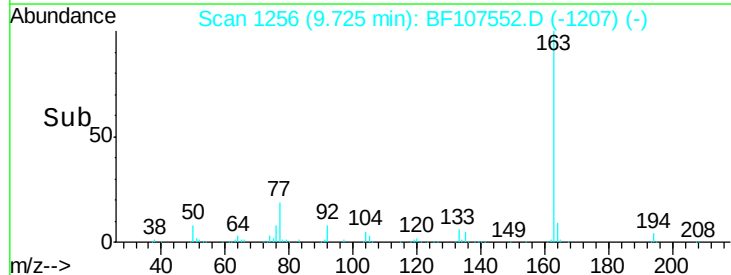
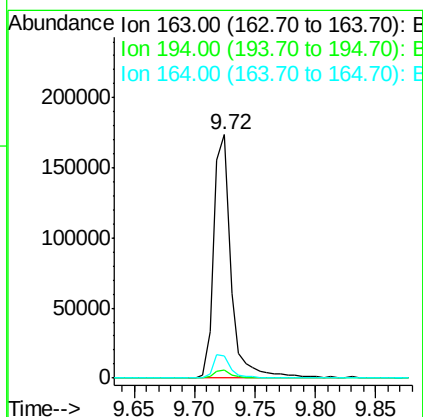
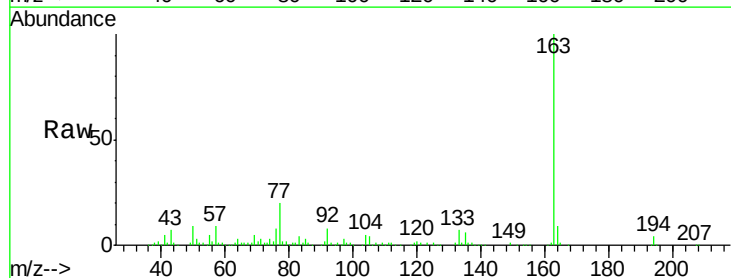
Instrument :
 BNA_F
 ClientSampleId :
 SD-BASELINE-WATER

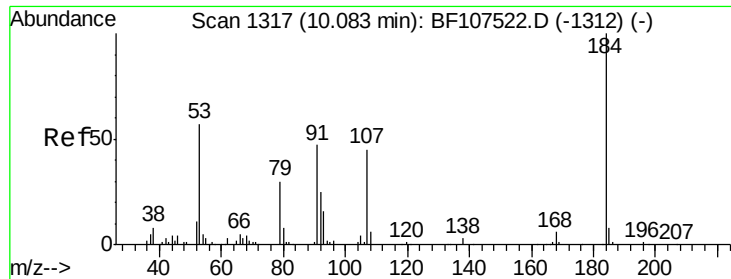
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	29.7	44.5
170	24.2	19.6	29.4



#49
 Dimethylphthalate
 Concen: 6.953 ng
 RT: 9.72 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.1	8.2	12.2

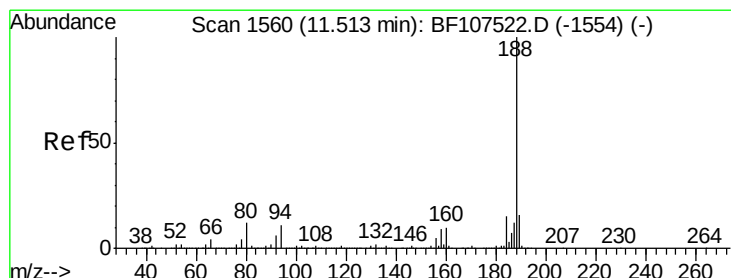
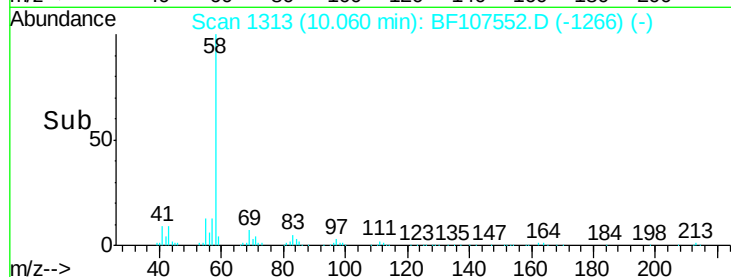
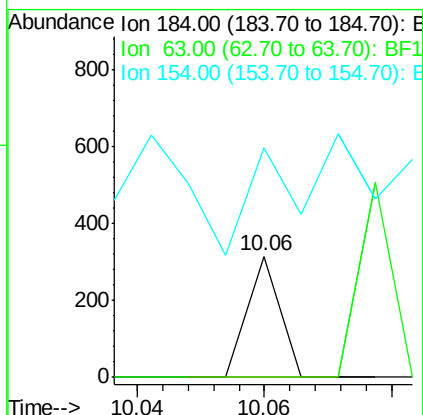
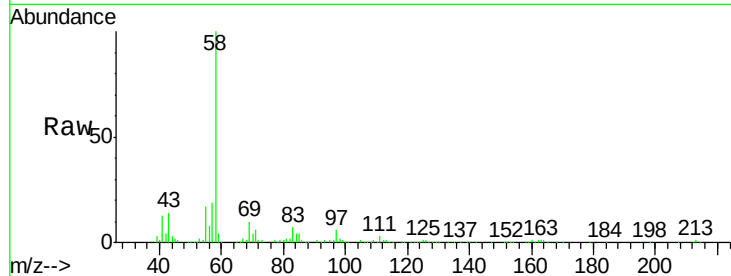




#53
2,4-Dinitrophenol
Concen: 8.346 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

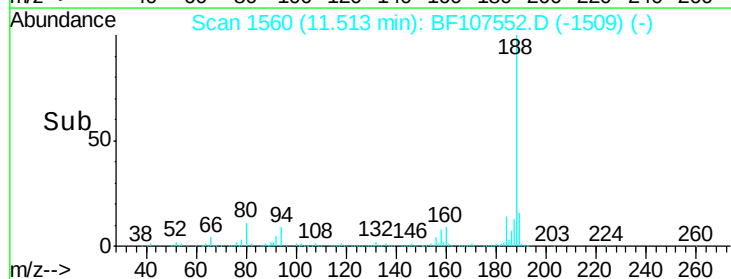
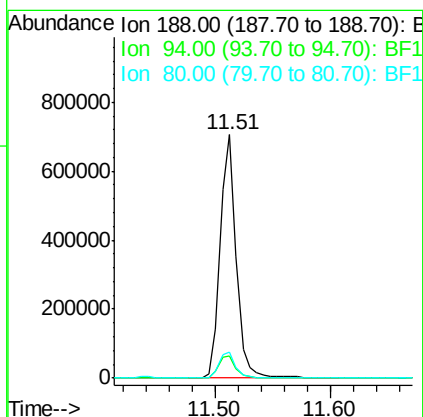
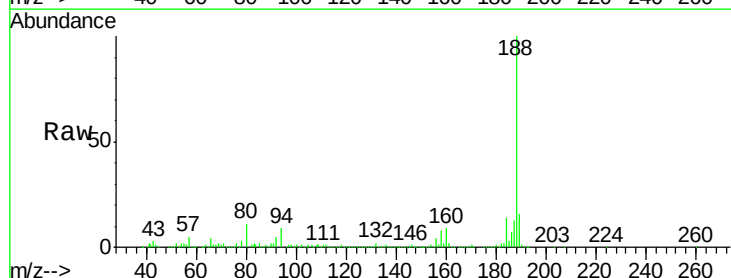
Instrument :
BNA_F
ClientSampleId :
SD-BASELINE-WATER

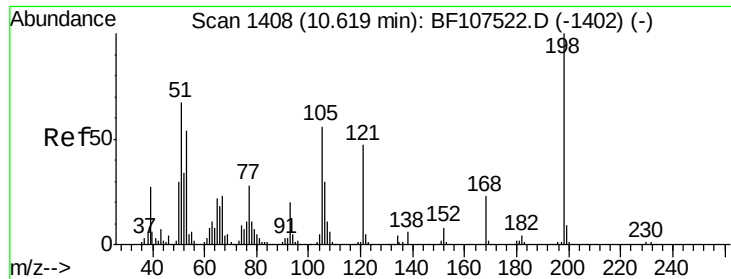
Tgt Ion:184 Resp: 111
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 190.2 184.0 276.0



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Tgt Ion:188 Resp: 680318
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.6 9.2 13.8

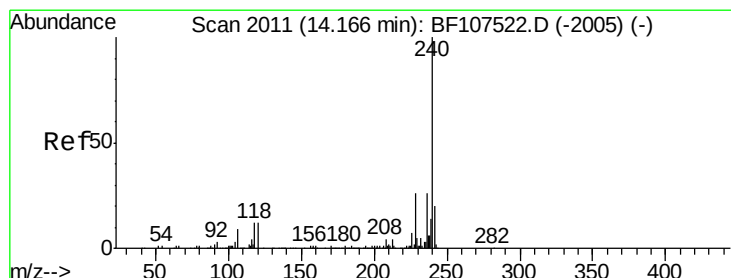
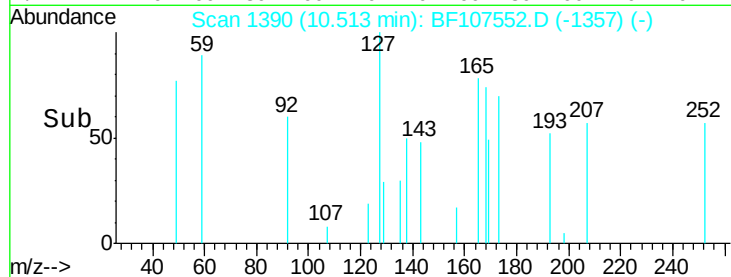
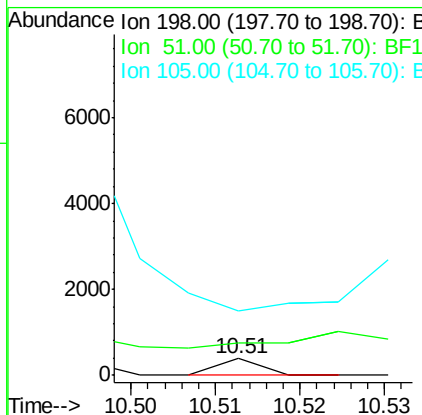
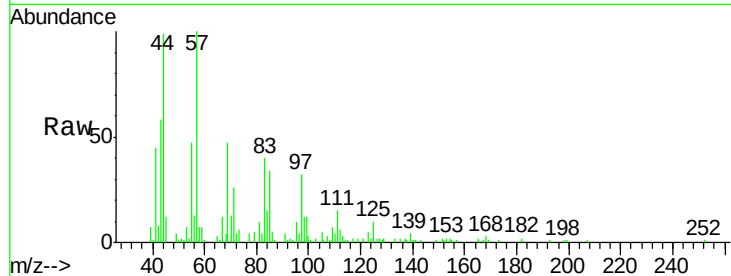




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.715 ng
 RT: 10.51 min Scan# 1390
 Delta R.T. -0.11 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

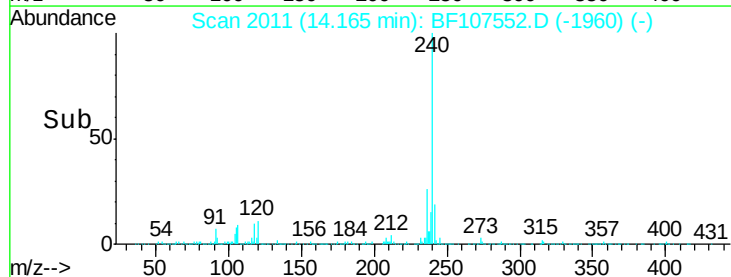
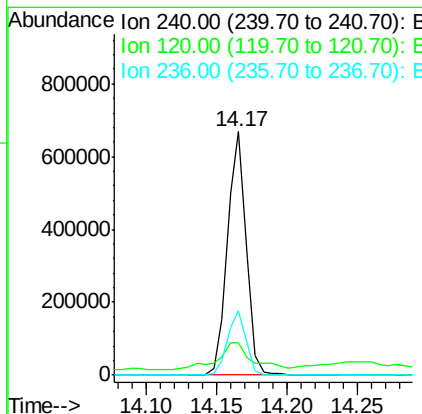
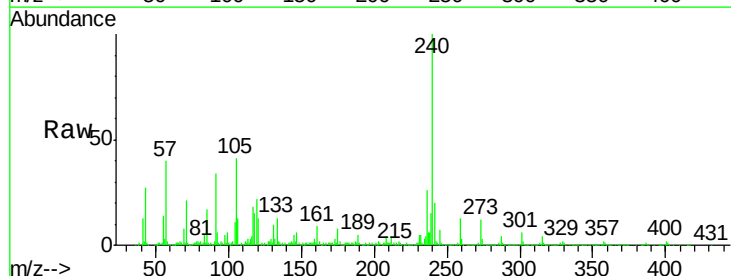
Instrument :
 BNA_F
 ClientSampleId :
 SD-BASELINE-WATER

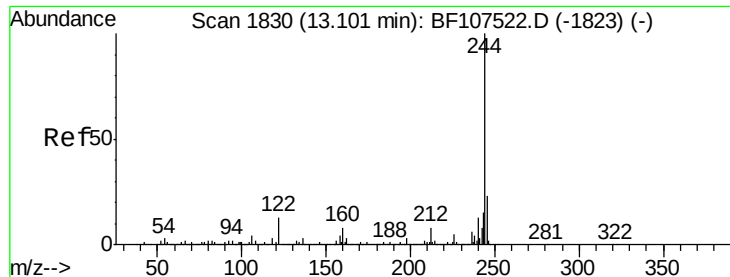
Tgt Ion:198 Resp: 138
 Ion Ratio Lower Upper
 198 100
 51 196.9 37.7 77.7#
 105 383.3 36.3 76.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF107552.D
 Acq: 21 Jul 2018 4:02

Tgt Ion:240 Resp: 611982
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 13.240 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

Instrument :

BNA_F

ClientSampleId :

SD-BASELINE-WATER

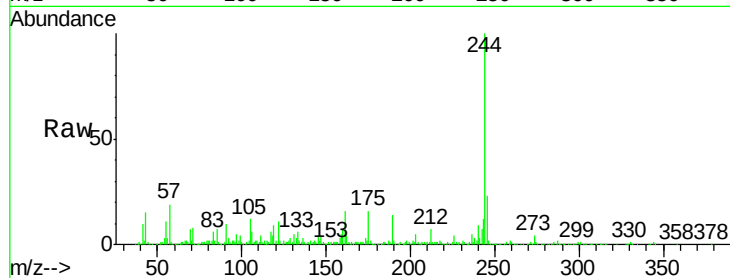
Tgt Ion:244 Resp: 316492

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

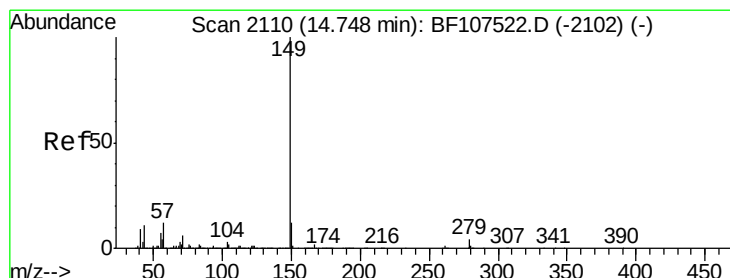
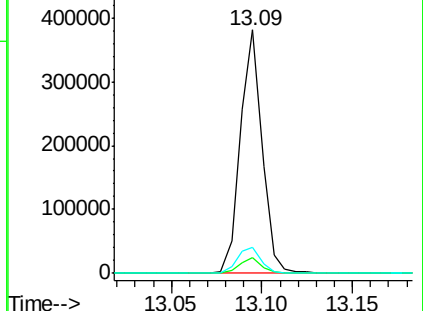
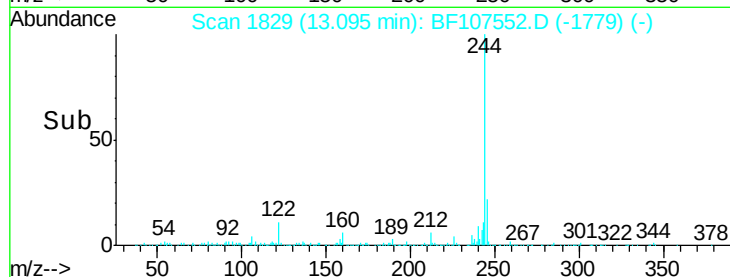
122 10.9 11.0 16.4#



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



#84

Di-n-octyl phthalate

Concen: 5.376 ng

RT: 14.79 min Scan# 2118

Delta R.T. 0.05 min

Lab File: BF107552.D

Acq: 21 Jul 2018 4:02

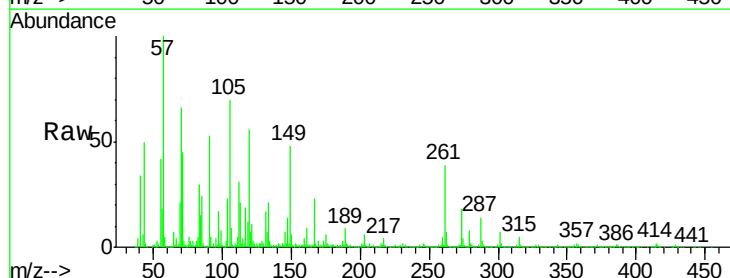
Tgt Ion:149 Resp: 212256

Ion Ratio Lower Upper

149 100

167 48.7 1.2 1.8#

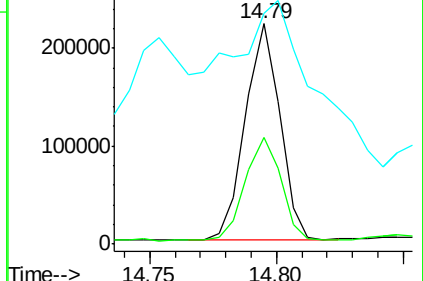
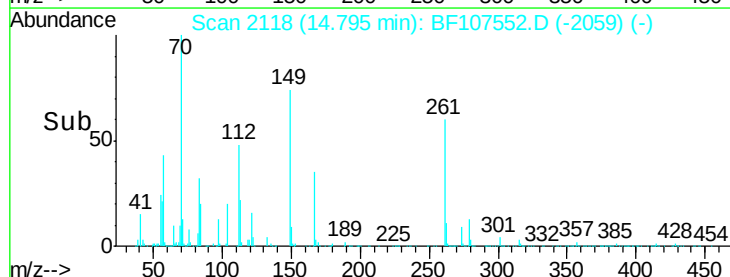
43 139.0 8.4 12.6#

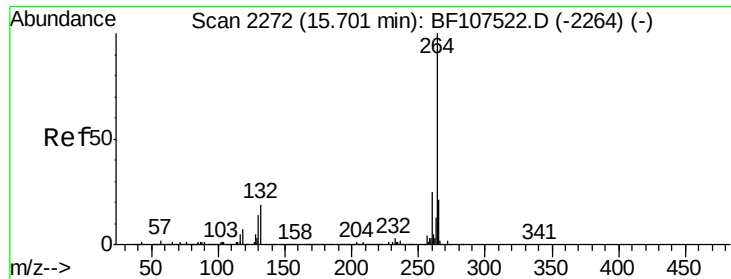


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

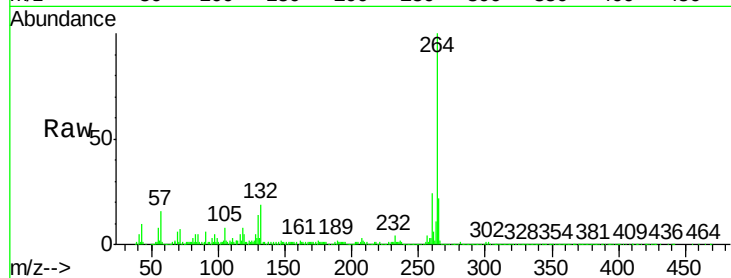




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107552.D
Acq: 21 Jul 2018 4:02

Instrument :
BNA_F
ClientSampleId :
SD-BASELINE-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	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

