

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102320\
 Data File : BF122105.D
 Acq On : 23 Oct 2020 18:21
 Operator : JU/CG
 Sample : L4469-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FY-WATER

Quant Time: Oct 23 23:36:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

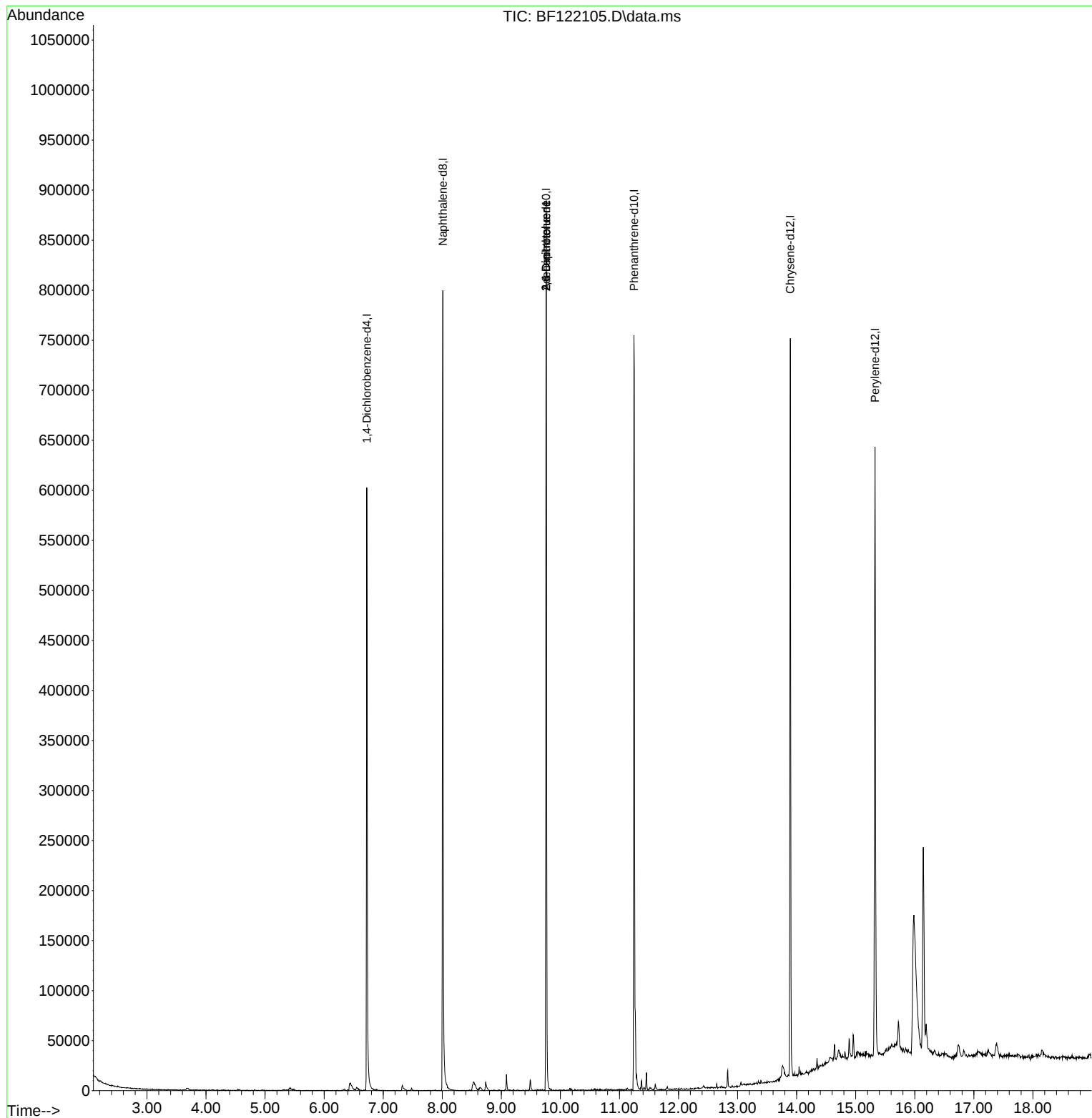
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	95931	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	386962	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	185134	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	310296	20.00	ng	0.00
76) Chrysene-d12	13.892	240	255699	20.00	ng	0.00
86) Perylene-d12	15.327	264	257139	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3940	0.61	ng	0.07
7) Phenol-d6	6.428	99	7682	0.92	ng	0.05
23) Nitrobenzene-d5	7.322	82	5512	0.73	ng	0.02
42) 2,4,6-Tribromophenol	10.575	330	413	0.18	ng	0.02
45) 2-Fluorobiphenyl	9.087	172	7790	0.62	ng	0.00
79) Terphenyl-d14	12.833	244	7122	0.53	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.757	165	23426	7.89	ng	# 21
57) 2,4-Dinitrotoluene	9.757	165	23426	6.41	ng	# 20

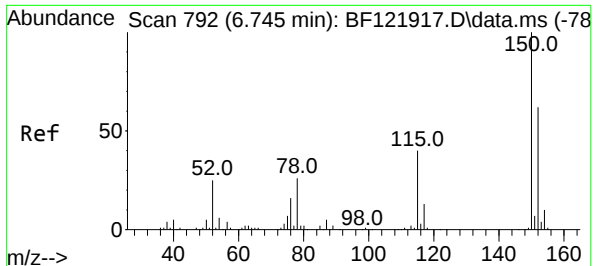
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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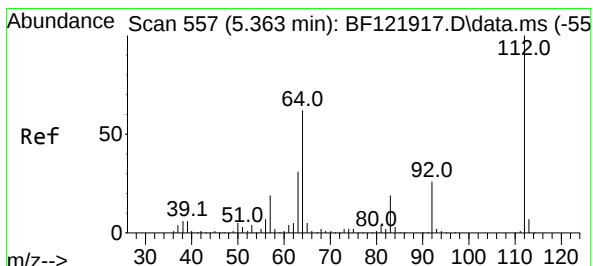
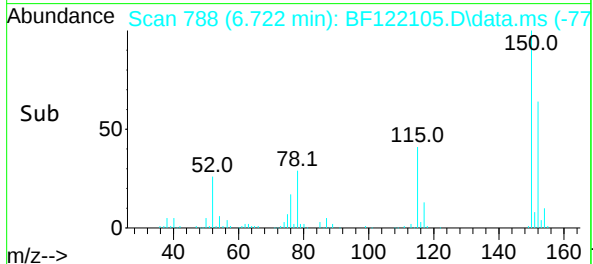
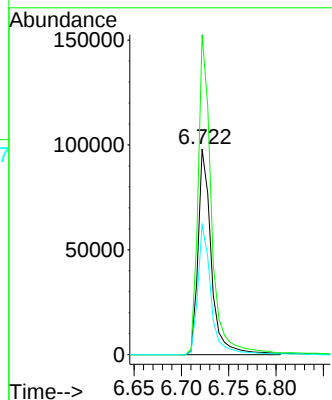
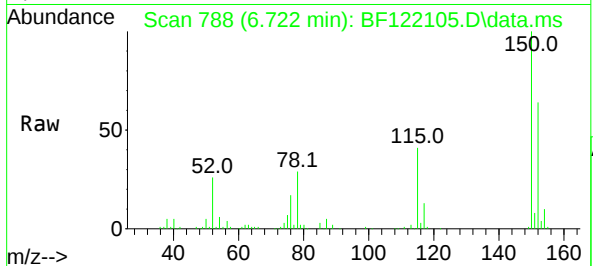




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.722 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF122105.D
 Acq: 23 Oct 2020 18:21

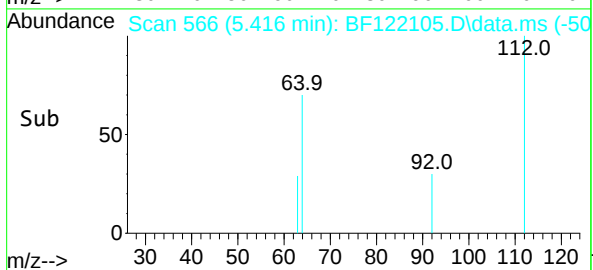
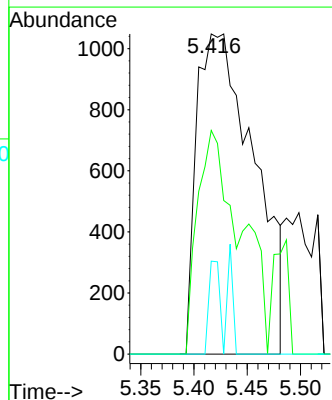
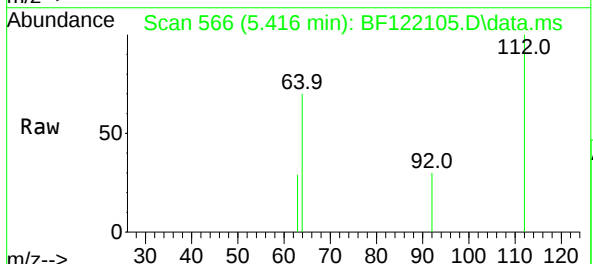
Instrument :
 BNA_F
 ClientSampleId :
 FY-WATER

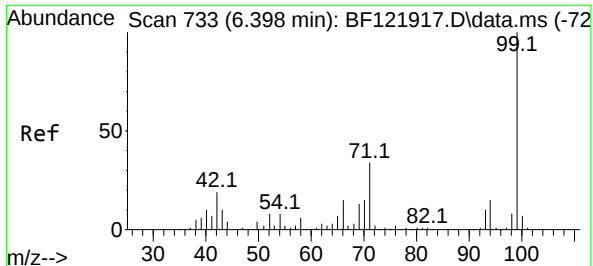
Tgt Ion:152 Resp: 95931
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.3 187.9
 115 63.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 0.61 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.071 min
 Lab File: BF122105.D
 Acq: 23 Oct 2020 18:21

Tgt Ion:112 Resp: 3940
 Ion Ratio Lower Upper
 112 100
 64 69.8 50.4 75.6
 63 29.0 25.8 38.6

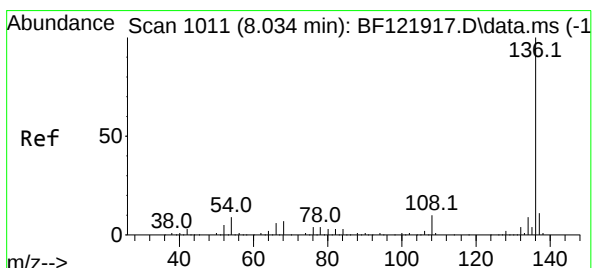
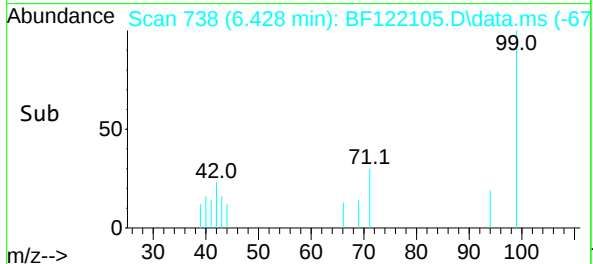
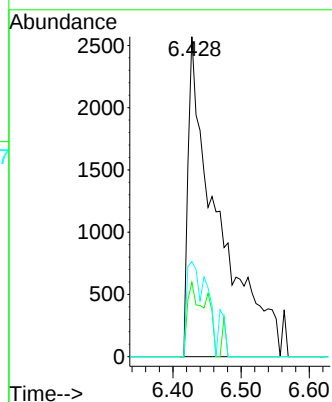
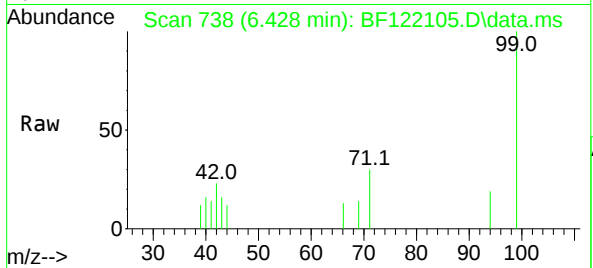




#7
Phenol-d6
Concen: 0.92 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.047 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

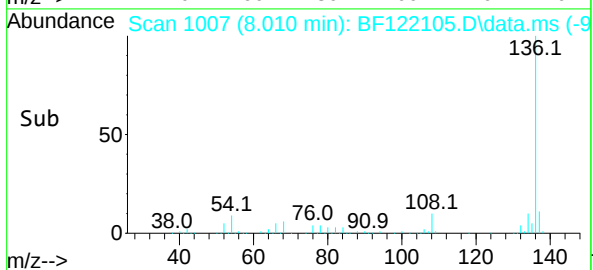
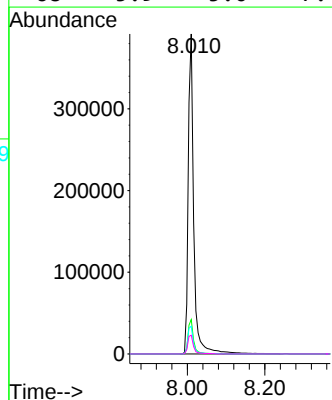
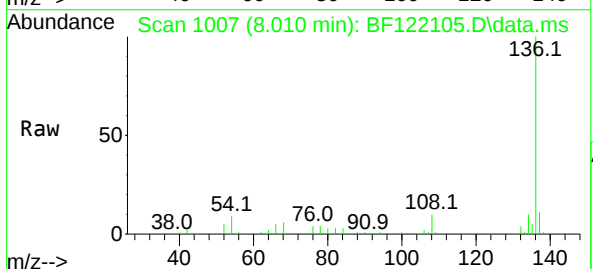
Instrument :
BNA_F
ClientSampleId :
FY-WATER

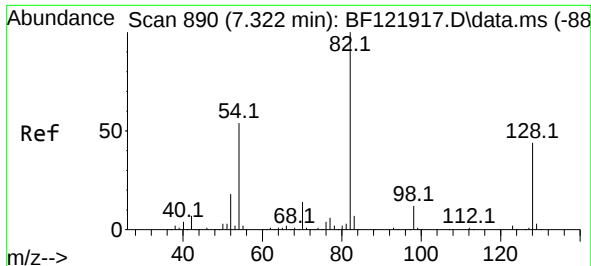
Tgt Ion: 99 Resp: 7682
Ion Ratio Lower Upper
99 100
42 23.2 15.9 23.9
71 29.8 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

Tgt Ion: 136 Resp: 386962
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.1 10.7
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.73 ng

RT: 7.322 min Scan# 890

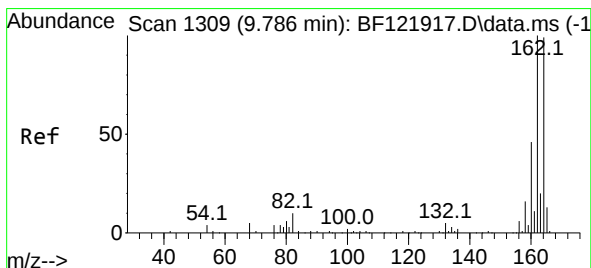
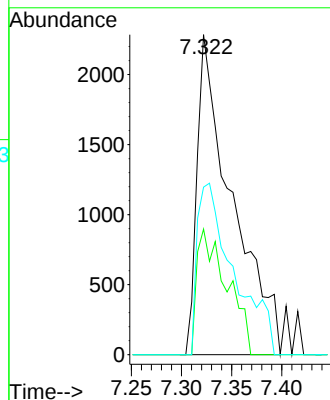
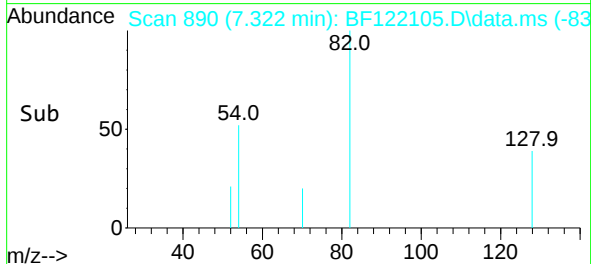
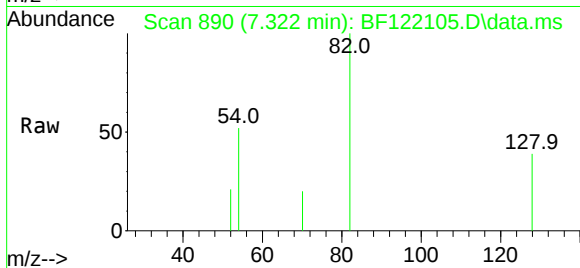
Delta R.T. 0.018 min

Lab File: BF122105.D

Acq: 23 Oct 2020 18:21

Tgt Ion: 82 Resp: 5512

Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.0	52.4
54	52.3	43.9	65.9



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.757 min Scan# 1304

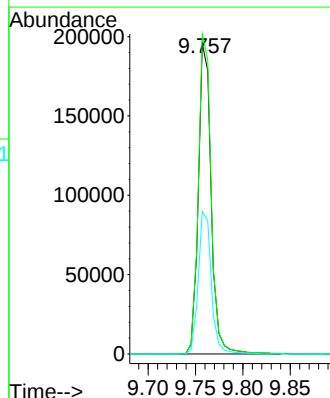
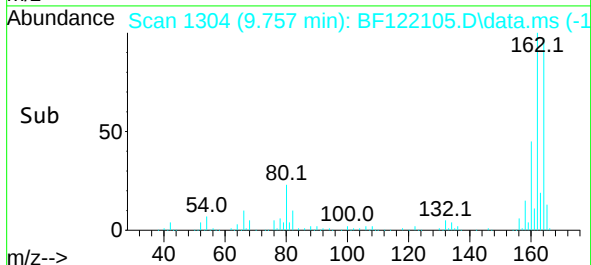
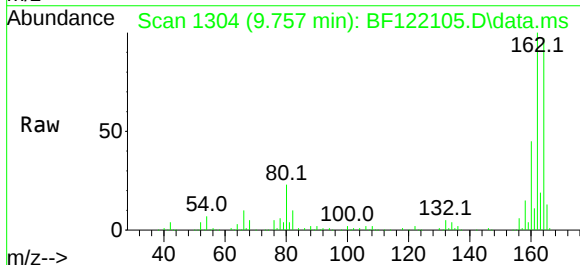
Delta R.T. -0.006 min

Lab File: BF122105.D

Acq: 23 Oct 2020 18:21

Tgt Ion: 164 Resp: 185134

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.2	124.8
160	45.9	37.5	56.3

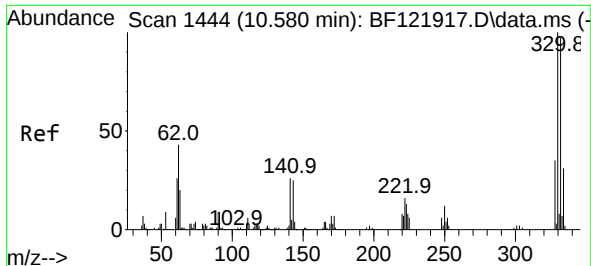


Instrument :

BNA_F

ClientSampleId :

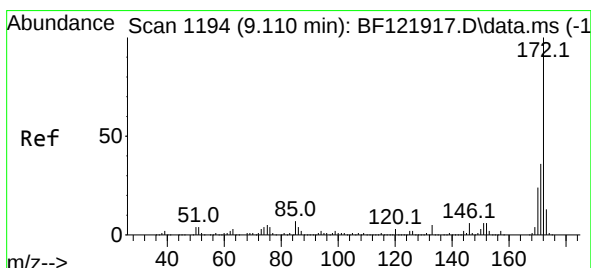
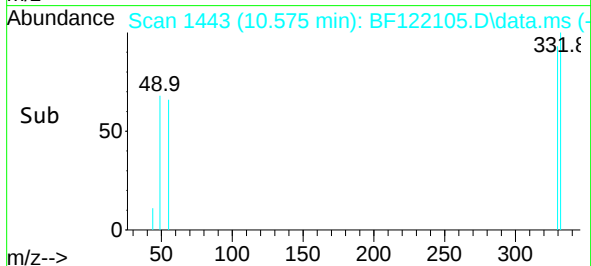
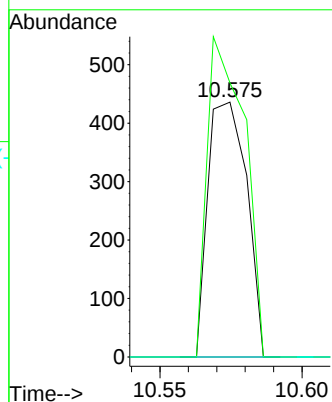
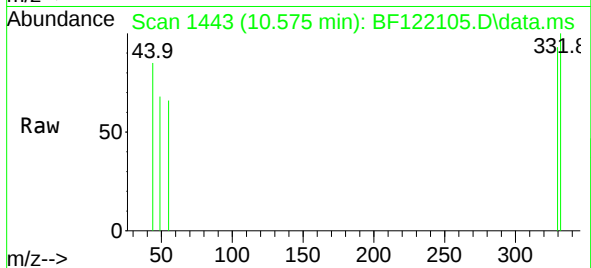
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#42
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.018 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

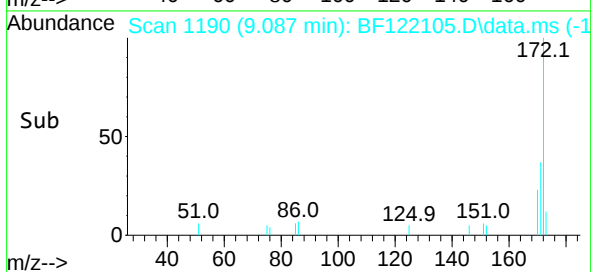
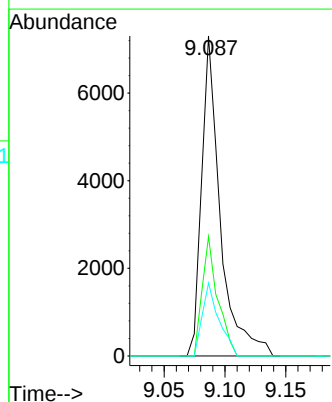
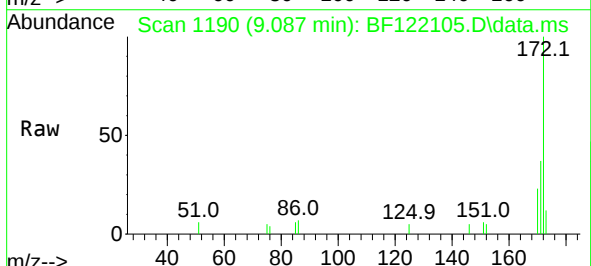
Instrument :
BNA_F
ClientSampleId :
FY-WATER

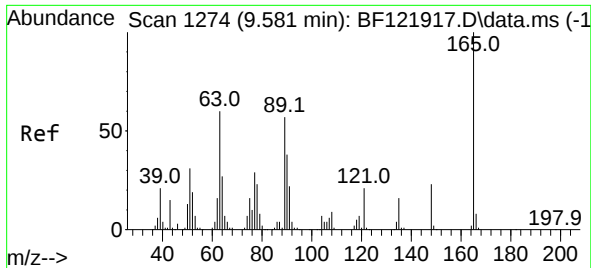
Tgt Ion:330 Resp: 413
Ion Ratio Lower Upper
330 100
332 121.5 77.3 115.9#
141 0.0 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 0.62 ng
RT: 9.087 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

Tgt Ion:172 Resp: 7790
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 22.8 19.8 29.6

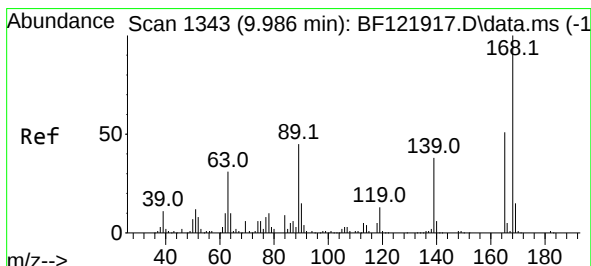
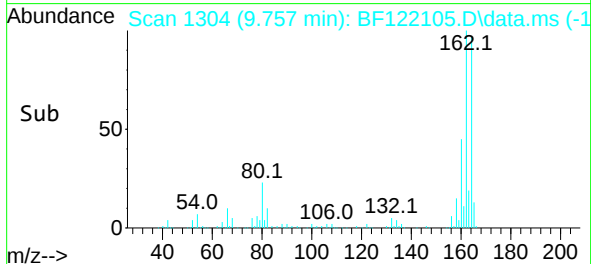
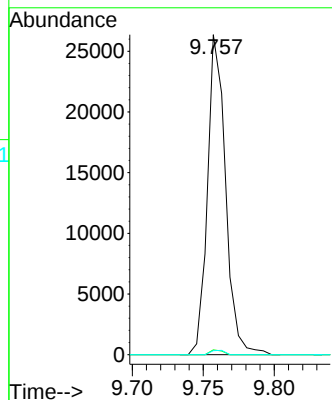
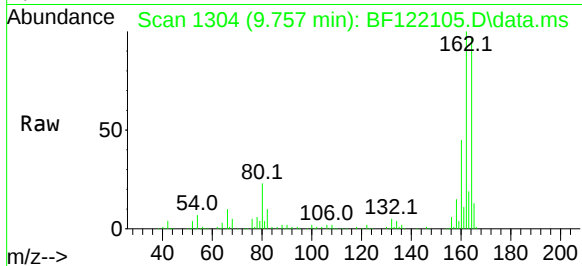




#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.194 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

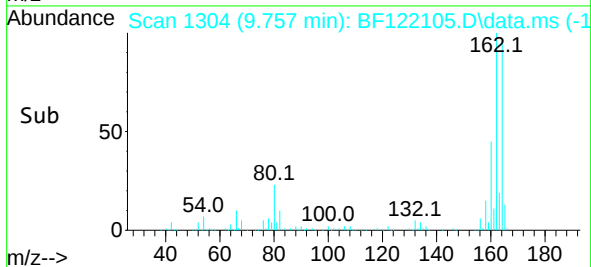
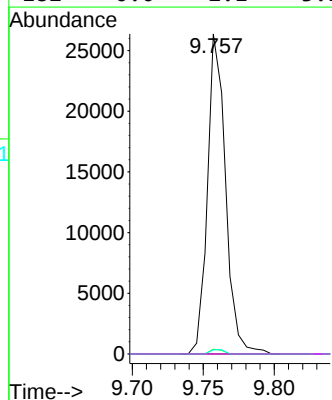
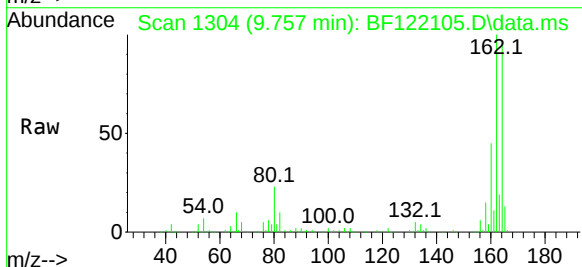
Instrument :
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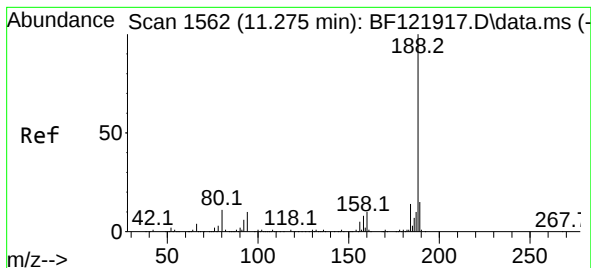
Tgt Ion:165 Resp: 23426
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.6#
89 1.3 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.218 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

Tgt Ion:165 Resp: 23426
Ion Ratio Lower Upper
165 100
63 1.5 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#

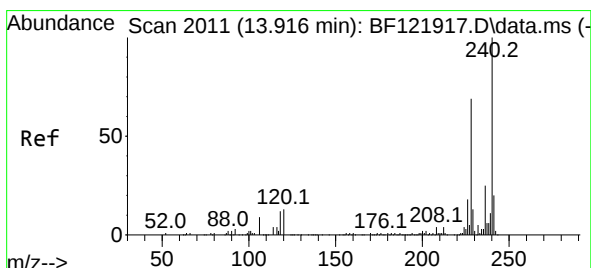
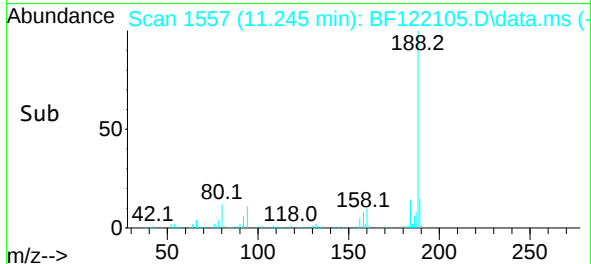
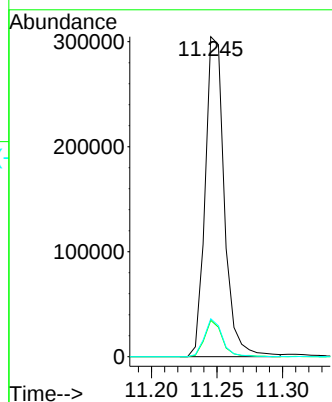
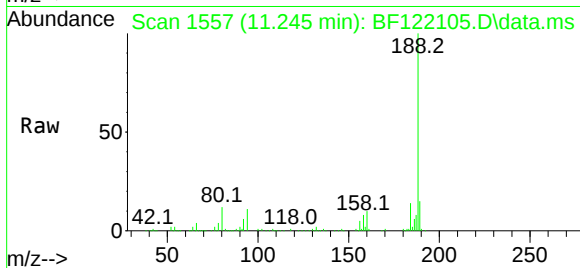




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

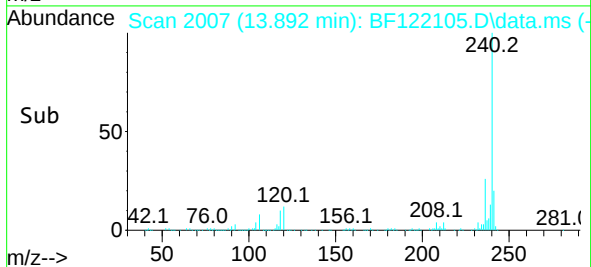
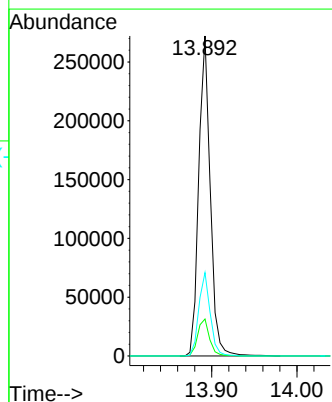
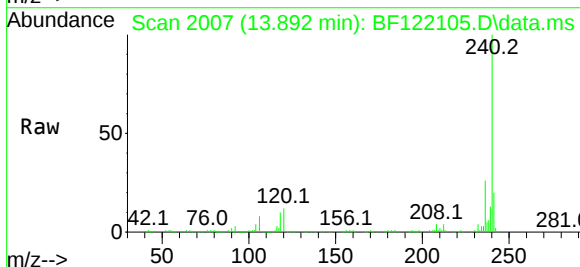
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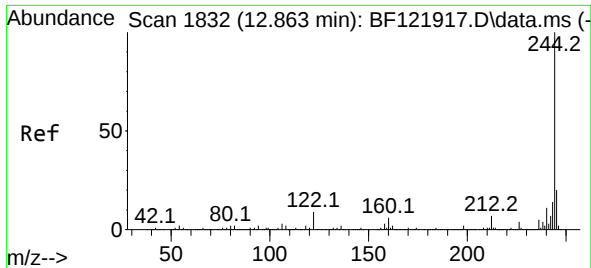
Tgt Ion:188 Resp: 310296
Ion Ratio Lower Upper
188 100
94 11.4 8.3 12.5
80 11.8 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.006 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

Tgt Ion:240 Resp: 255699
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 26.0 20.9 31.3

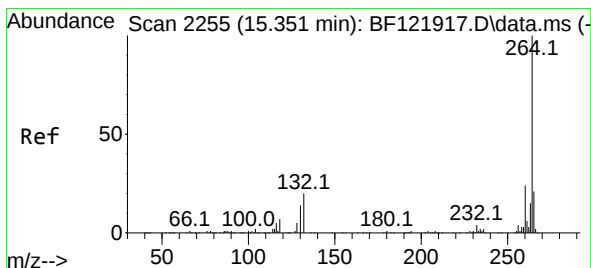
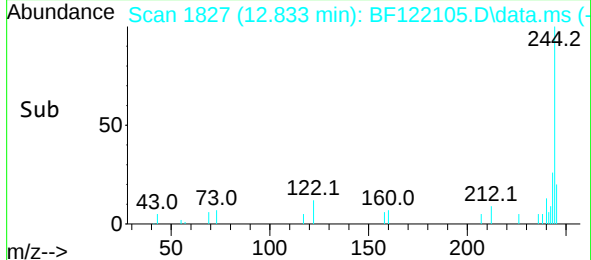
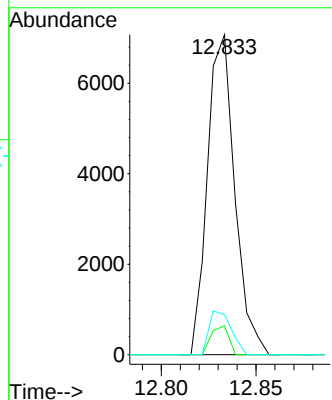
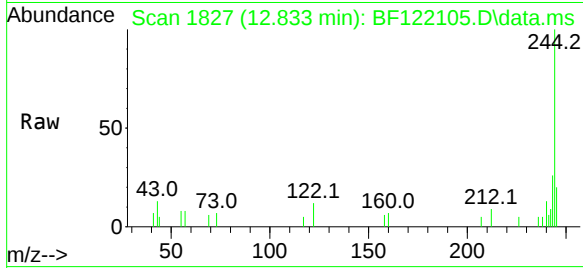




#79
Terphenyl-d14
Concen: 0.53 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

Instrument :
BNA_F
ClientSampleId :
FY-WATER

Tgt Ion:244 Resp: 7122
Ion Ratio Lower Upper
244 100
212 9.0 5.4 8.2#
122 12.5 8.1 12.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.012 min
Lab File: BF122105.D
Acq: 23 Oct 2020 18:21

Tgt Ion:264 Resp: 257139
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 21.2 17.3 25.9

