

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122789.D
 Acq On : 18 Dec 2020 17:06
 Operator : JU/CG
 Sample : L5115-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERRE

Quant Time: Dec 18 17:40:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

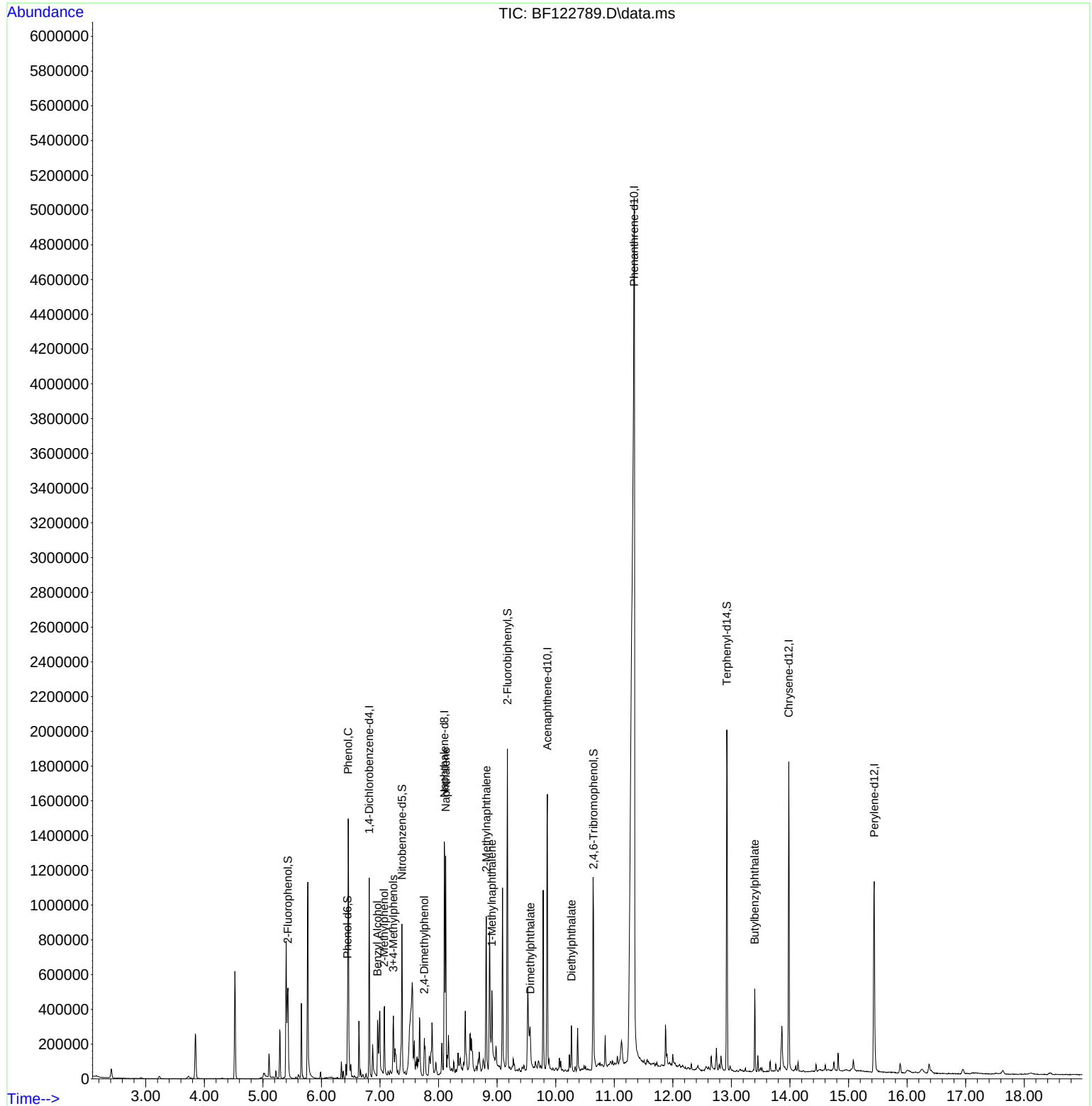
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	162369	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	632409	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	354607	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	495216	20.00	ng	# 0.00
76) Chrysene-d12	13.980	240	618245	20.00	ng	0.00
86) Perylene-d12	15.439	264	565783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	150181	14.64	ng	0.00
7) Phenol-d6	6.445	99	112982	8.31	ng	-0.01
23) Nitrobenzene-d5	7.375	82	261706	20.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	158657	34.18	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	568386	21.68	ng	-0.01
79) Terphenyl-d14	12.921	244	649822	18.40	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.457	94	514701	36.52	ng	88
15) Benzyl Alcohol	6.957	79	123981	13.24	ng	100
17) 2-Methylphenol	7.069	107	55654	6.19	ng	99
20) 3+4-Methylphenols	7.228	107	73957	6.51	ng	# 71
27) 2,4-Dimethylphenol	7.757	122	61008	6.80	ng	97
31) Naphthalene	8.122	128	514648	14.75	ng	100
37) 2-Methylnaphthalene	8.816	142	149592	6.48	ng	98
38) 1-Methylnaphthalene	8.910	142	92674	4.24	ng	99
50) Dimethylphthalate	9.569	163	56796	2.01	ng	# 98
60) Diethylphthalate	10.269	149	87161	3.16	ng	99
80) Butylbenzylphthalate	13.398	149	98043	4.55	ng	99

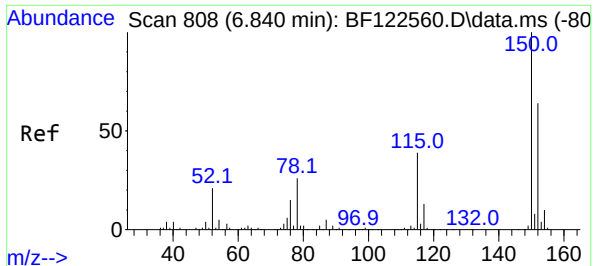
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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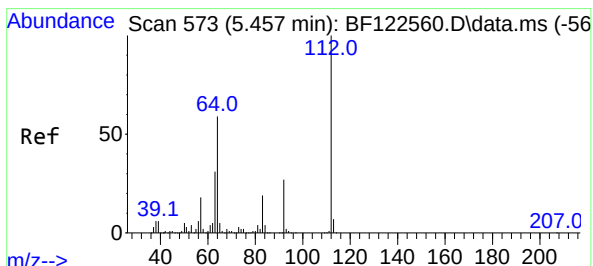
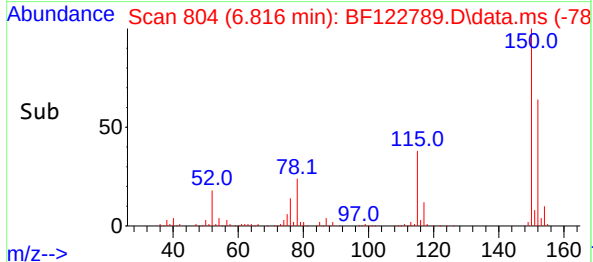
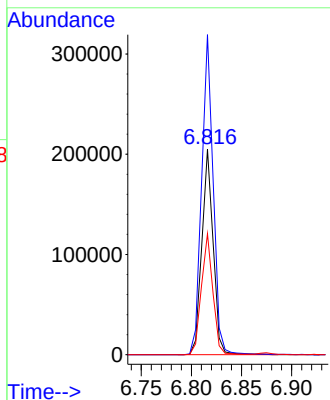
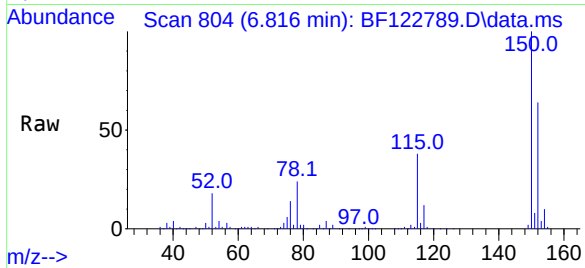




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

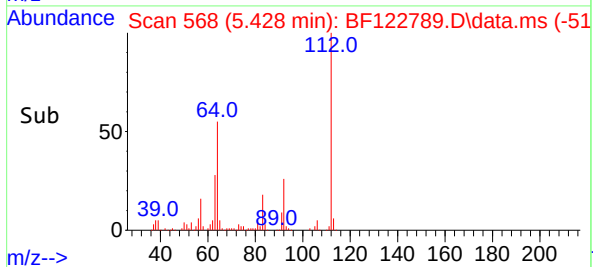
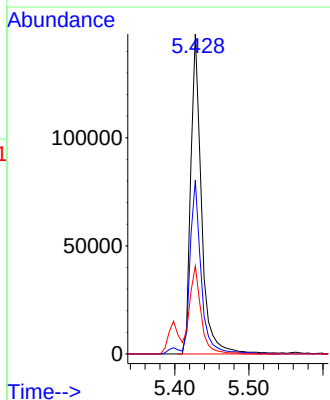
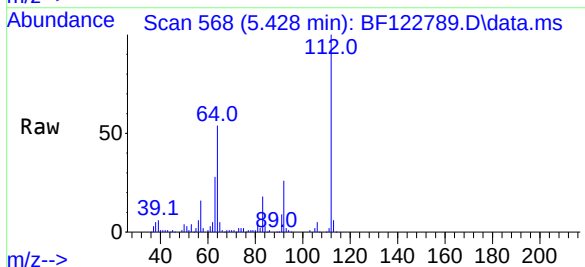
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

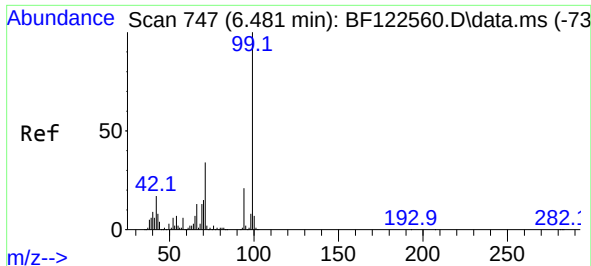
Tgt Ion:152 Resp: 162369
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 58.8 49.3 73.9



#5
2-Fluorophenol
Concen: 14.64 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion:112 Resp: 150181
Ion Ratio Lower Upper
112 100
64 54.3 46.9 70.3
63 27.5 24.5 36.7

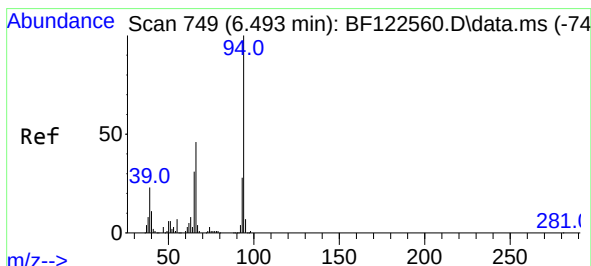
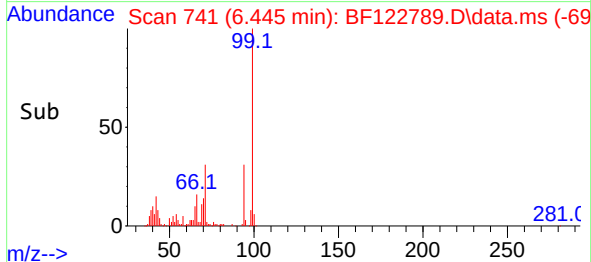
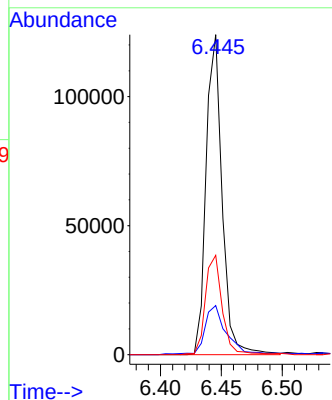
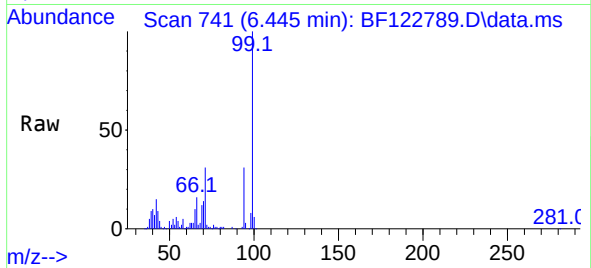




#7
Phenol-d6
Concen: 8.31 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

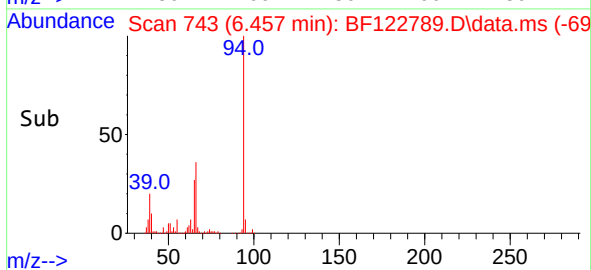
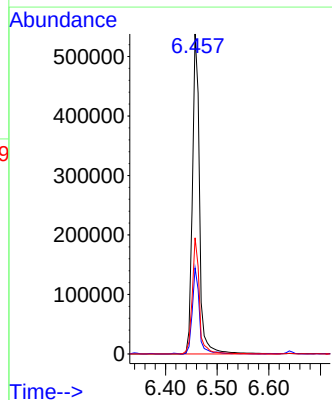
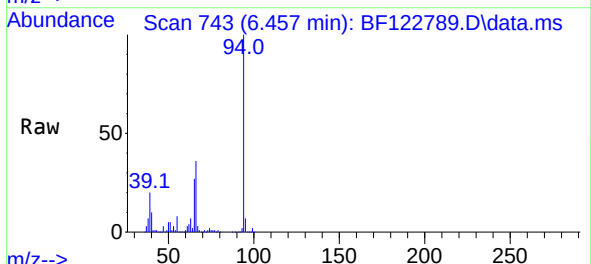
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

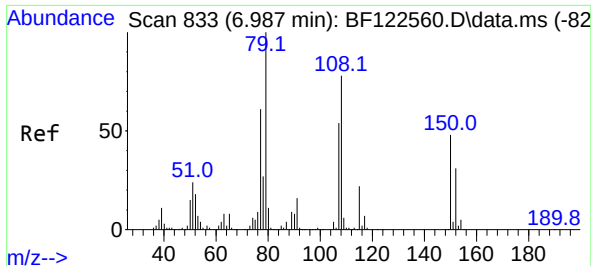
Tgt Ion: 99 Resp: 112982
Ion Ratio Lower Upper
99 100
42 15.4 13.8 20.6
71 31.1 26.9 40.3



#10
Phenol
Concen: 36.52 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion: 94 Resp: 514701
Ion Ratio Lower Upper
94 100
65 26.9 11.2 51.2
66 36.3 25.8 65.8

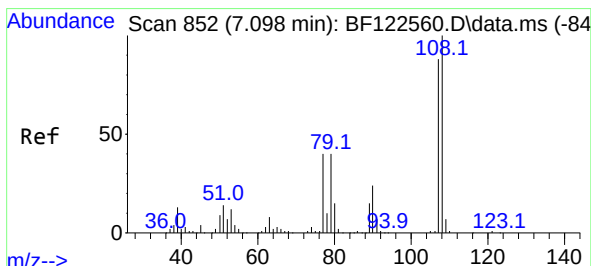
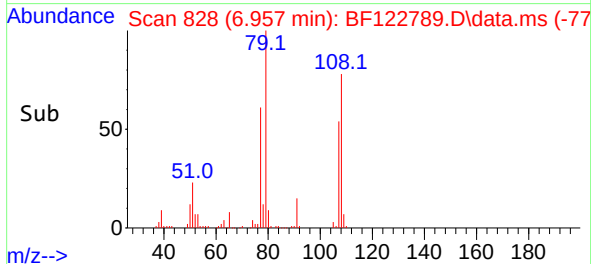
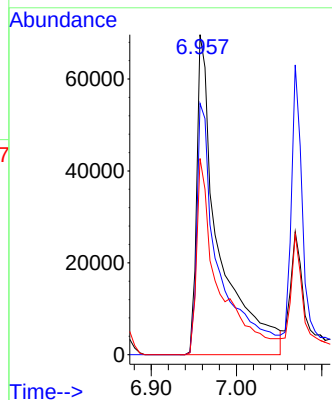
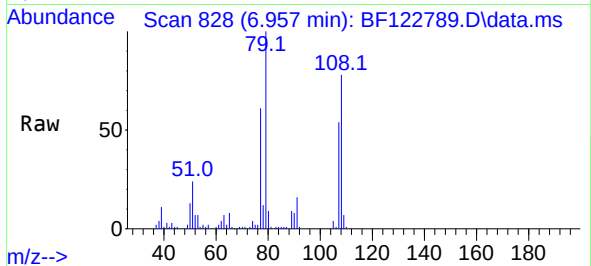




#15
Benzyl Alcohol
Concen: 13.24 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

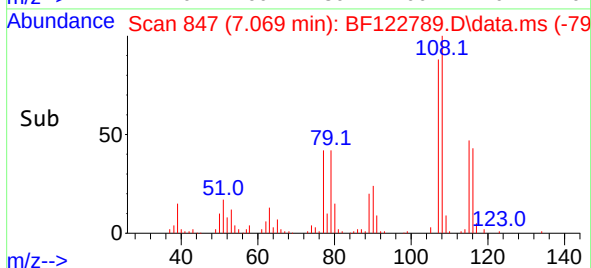
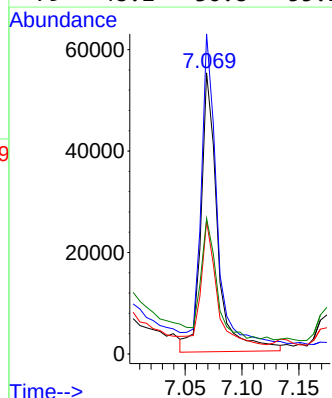
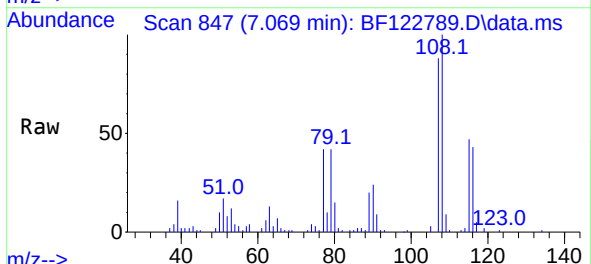
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

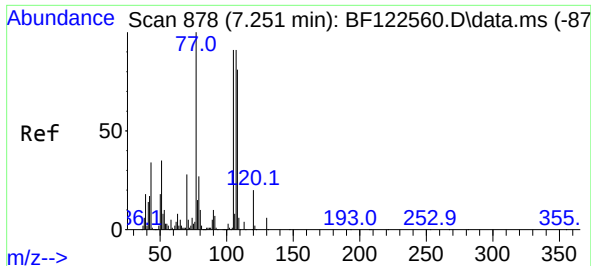
Tgt Ion: 79 Resp: 123981
Ion Ratio Lower Upper
79 100
108 78.5 62.4 93.6
77 61.3 49.0 73.6



#17
2-Methylphenol
Concen: 6.19 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion: 107 Resp: 55654
Ion Ratio Lower Upper
107 100
108 113.8 91.1 136.7
77 47.2 36.3 54.5
79 48.2 36.8 55.2





#20

3+4-Methylphenols

Concen: 6.51 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF122789.D

Acq: 18 Dec 2020 17:06

Tgt Ion:107 Resp: 73957

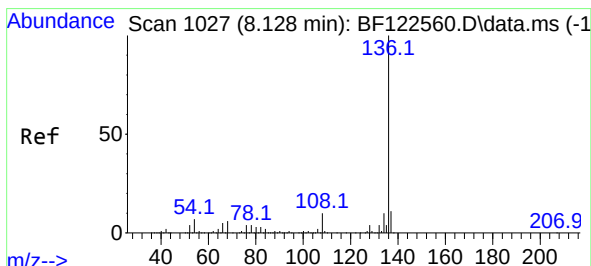
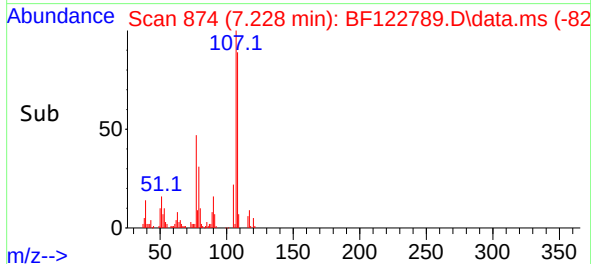
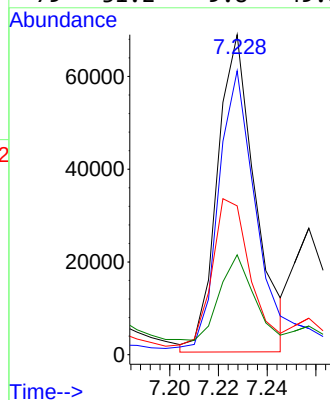
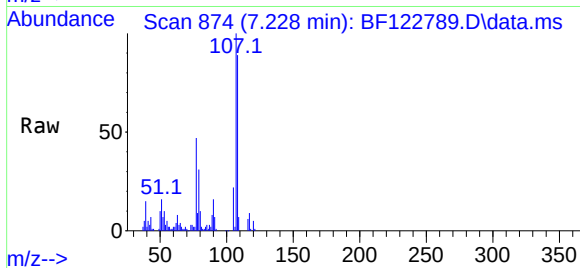
Ion Ratio Lower Upper

107 100

108 88.7 68.7 108.7

77 46.5 89.8 129.8#

79 31.2 9.8 49.8



#21

Napthalene-d8

Concen: 20.00 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF122789.D

Acq: 18 Dec 2020 17:06

Tgt Ion:136 Resp: 632409

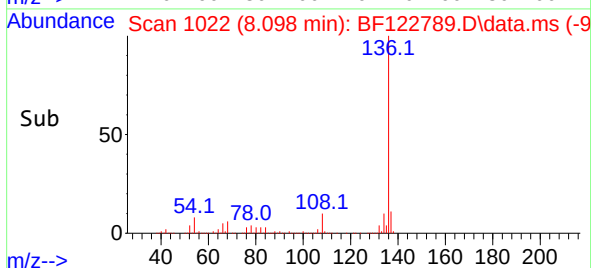
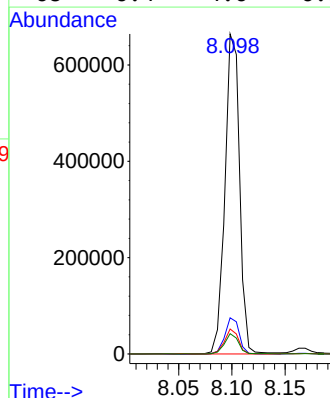
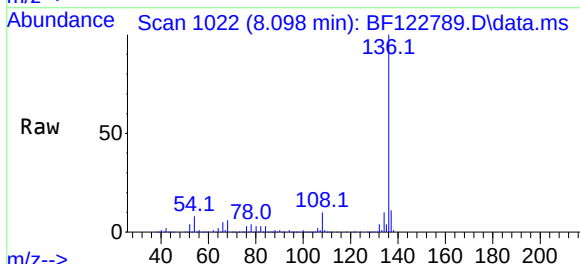
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.8 5.5 8.3

68 6.4 4.6 6.8

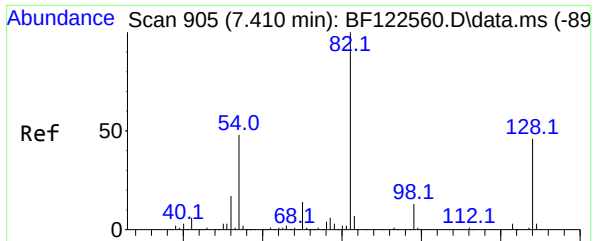


Instrument :

BNA_F

ClientSampleId :

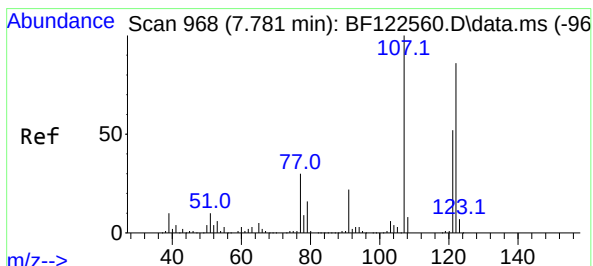
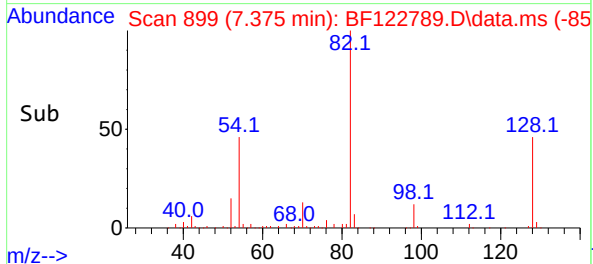
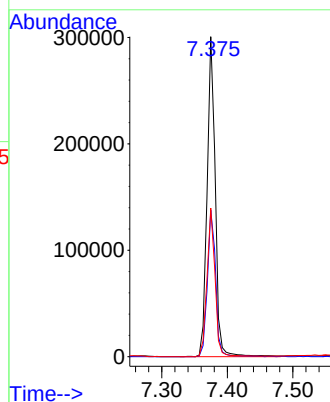
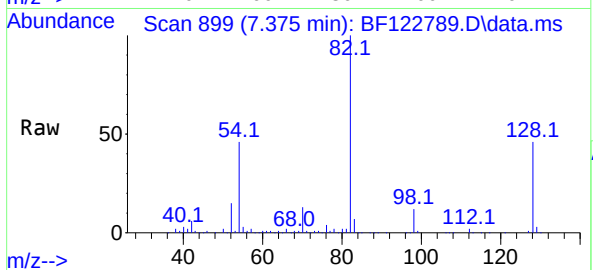
GROUNDWATERRE



#23
Nitrobenzene-d5
Concen: 20.73 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

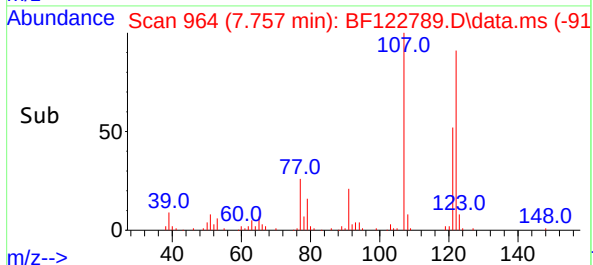
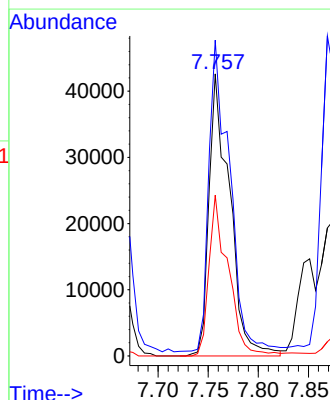
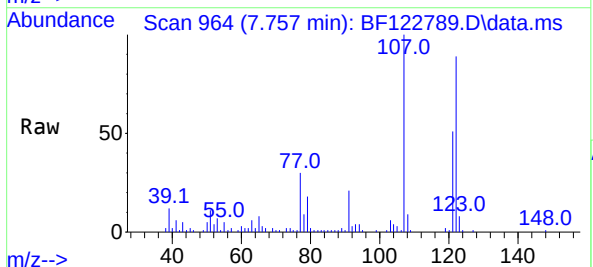
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

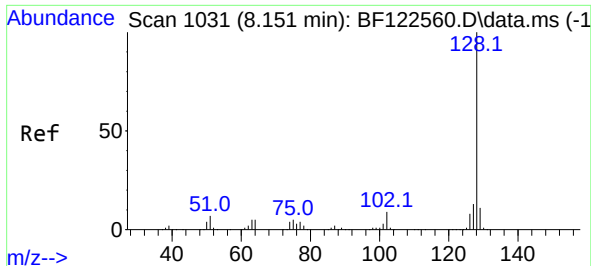
Tgt Ion: 82 Resp: 261706
Ion Ratio Lower Upper
82 100
128 45.8 37.0 55.4
54 46.5 38.4 57.6



#27
2,4-Dimethylphenol
Concen: 6.80 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion:122 Resp: 61008
Ion Ratio Lower Upper
122 100
107 112.0 91.8 137.8
121 57.0 47.3 70.9

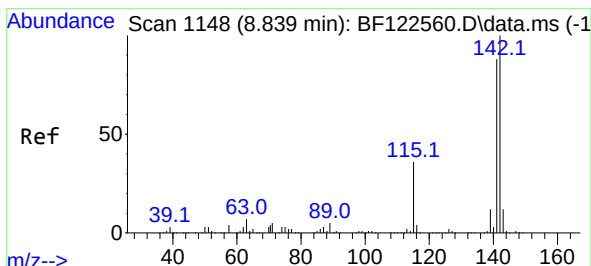
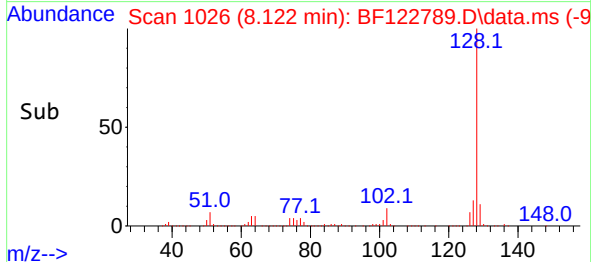
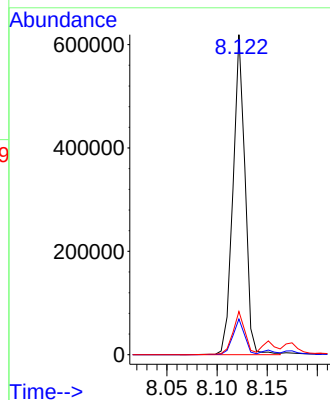
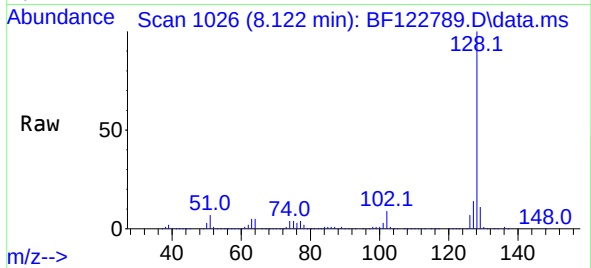




#31
Naphthalene
Concen: 14.75 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

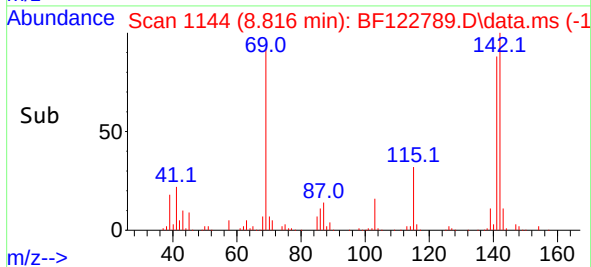
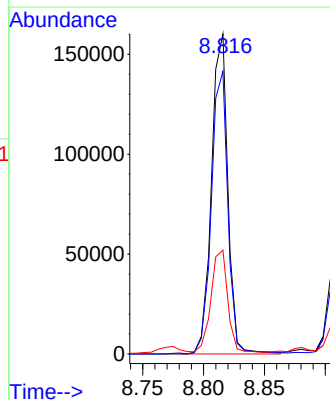
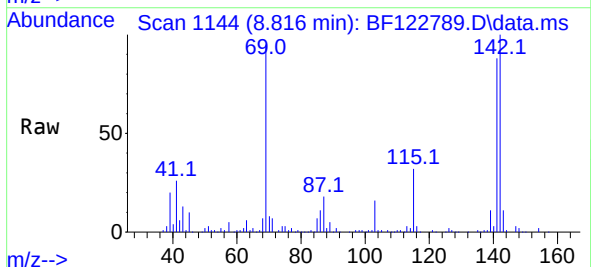
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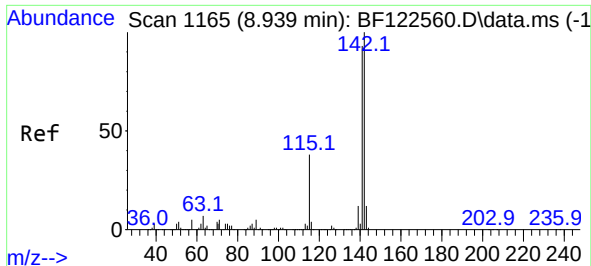
Tgt Ion:128 Resp: 514648
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.7 16.1



#37
2-Methylnaphthalene
Concen: 6.48 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion:142 Resp: 149592
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0
115 32.4 28.7 43.1

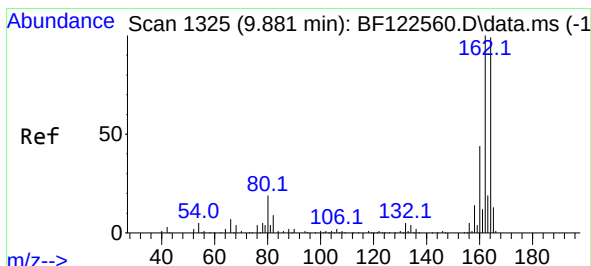
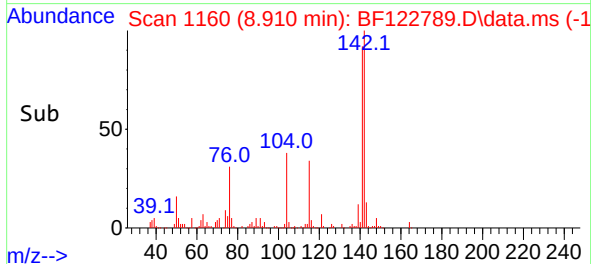
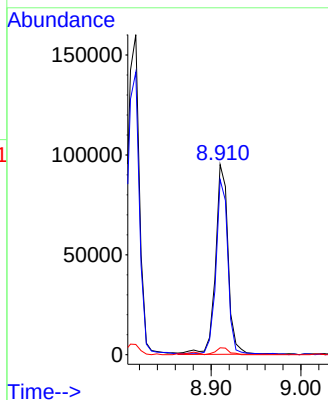
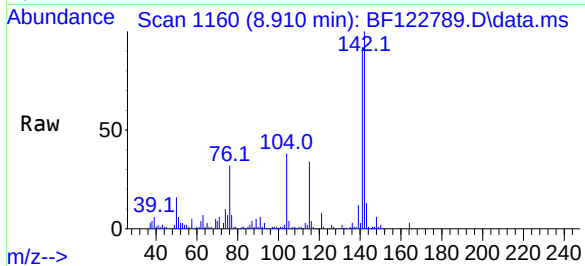




#38
1-Methylnaphthalene
Concen: 4.24 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

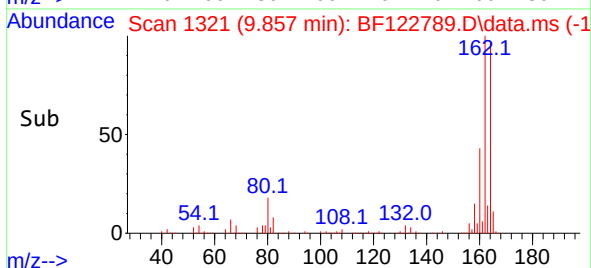
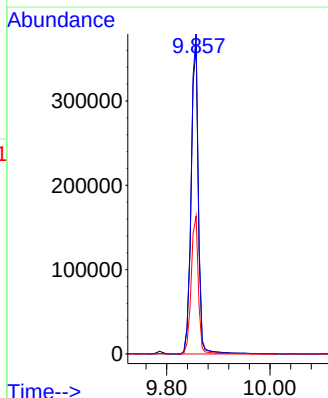
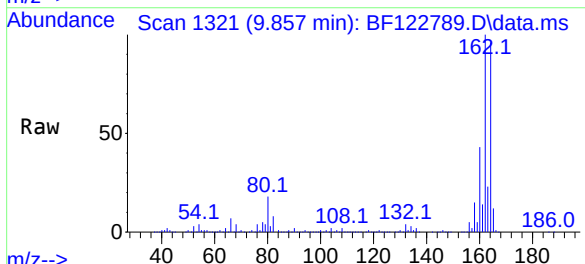
Instrument :
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ClientSampleId :
GROUNDWATERRE

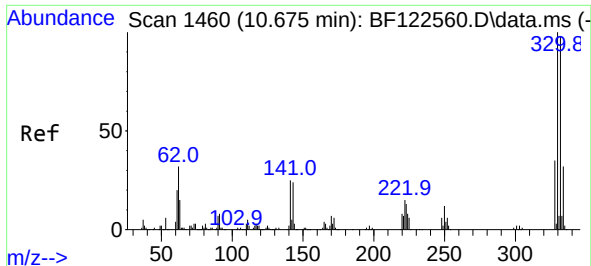
Tgt Ion:142 Resp: 92674
Ion Ratio Lower Upper
142 100
141 92.1 74.5 111.7
116 3.6 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion:164 Resp: 354607
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 44.8 35.4 53.0

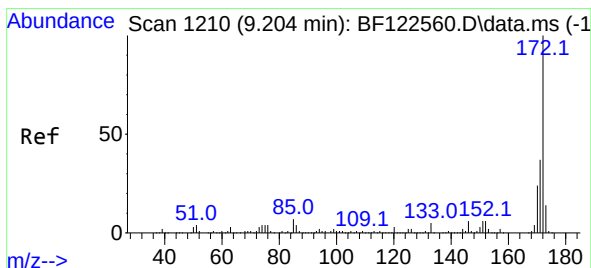
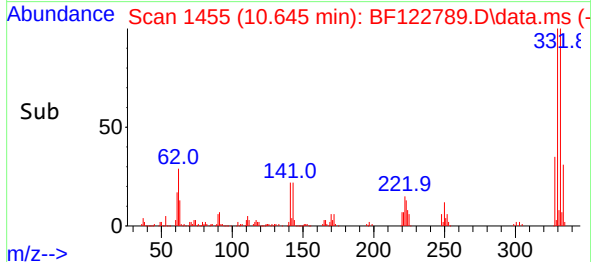
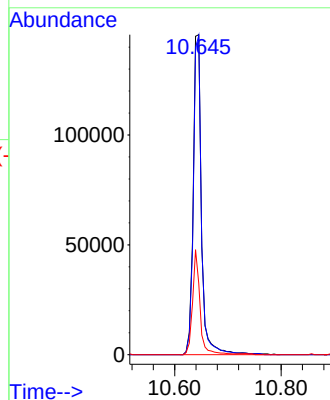
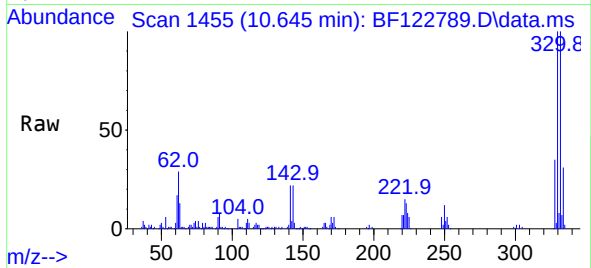




#42
2,4,6-Tribromophenol
Concen: 34.18 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

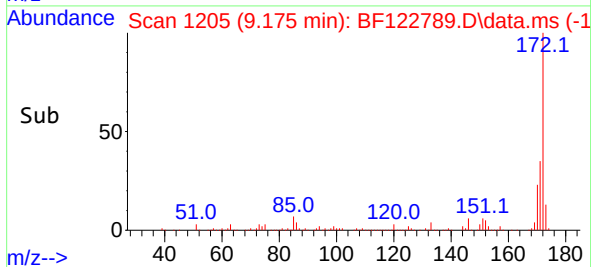
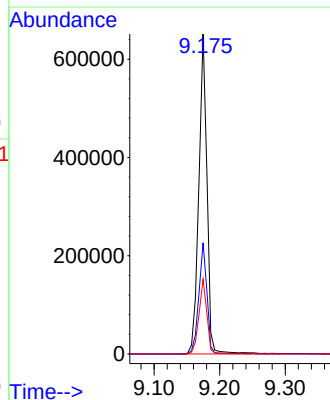
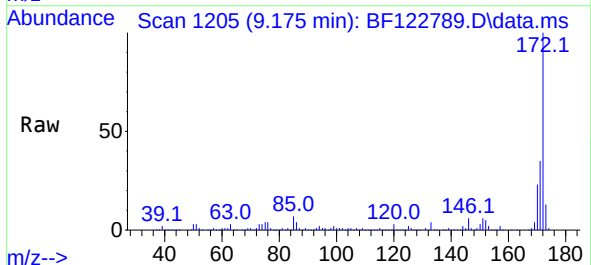
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

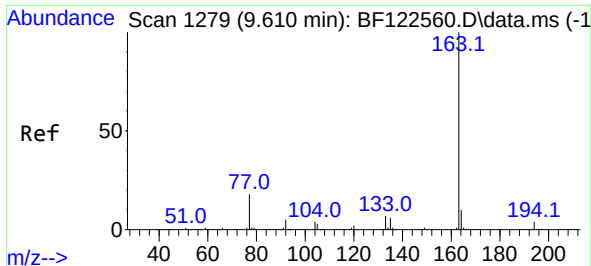
Tgt Ion: 330 Resp: 158657
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 29.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 21.68 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion: 172 Resp: 568386
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.3 19.5 29.3

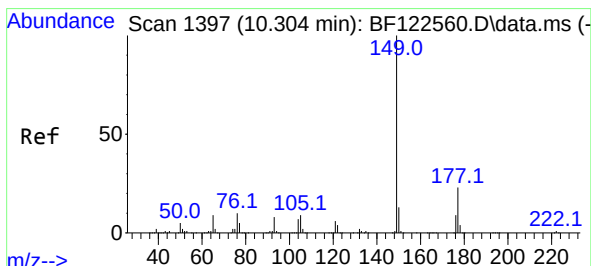
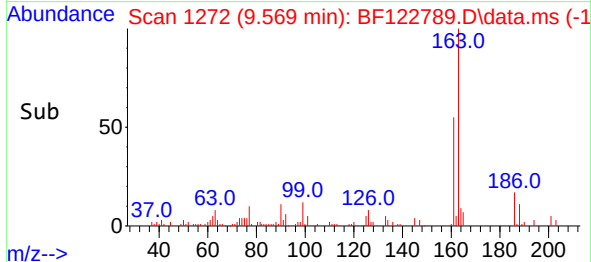
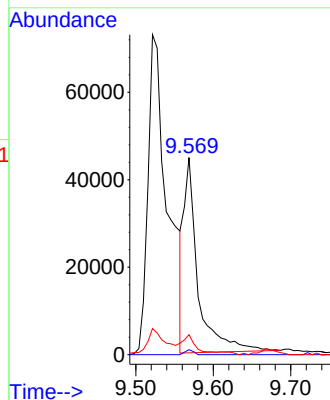
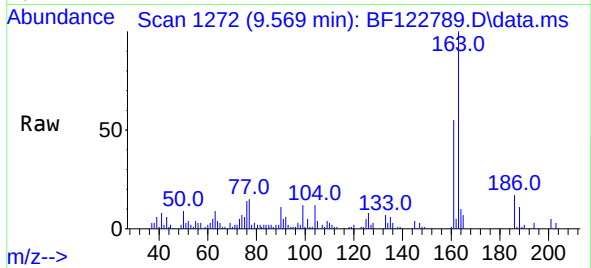




#50
Dimethylphthalate
Concen: 2.01 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

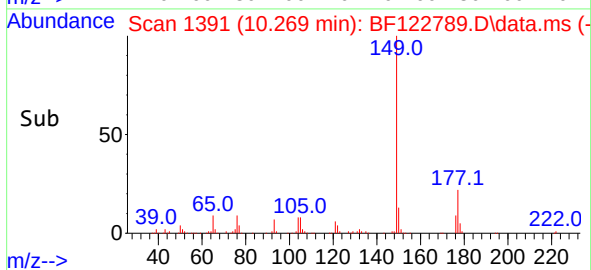
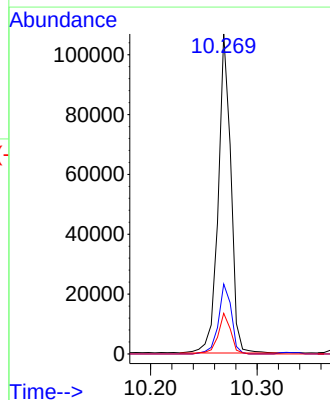
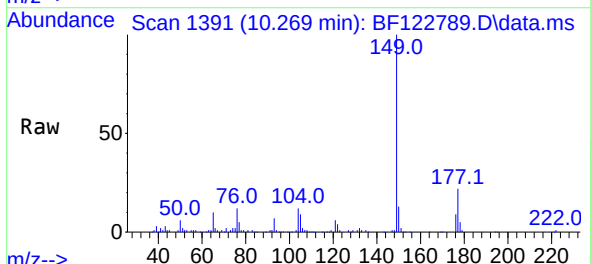
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

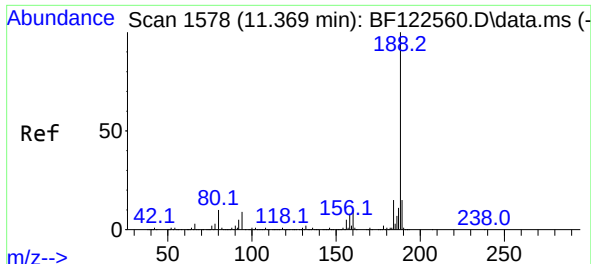
Tgt Ion:163 Resp: 56796
Ion Ratio Lower Upper
163 100
194 2.6 3.4 5.0#
164 10.2 8.1 12.1



#60
Diethylphthalate
Concen: 3.16 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion:149 Resp: 87161
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 12.7 10.1 15.1

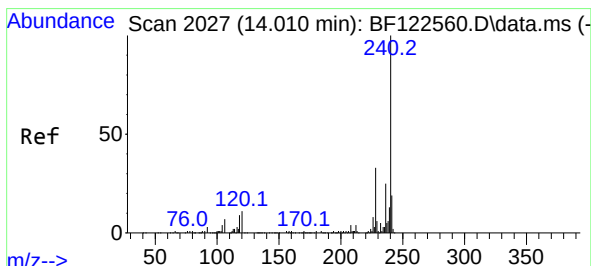
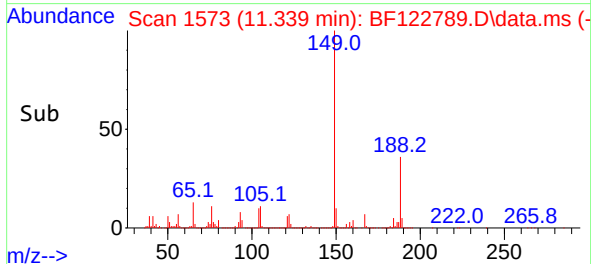
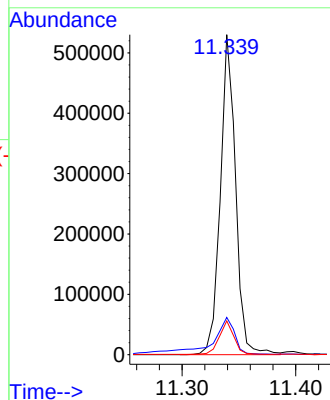
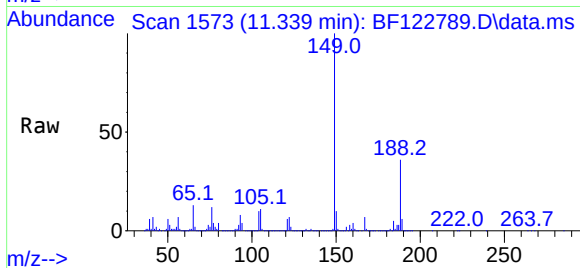




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

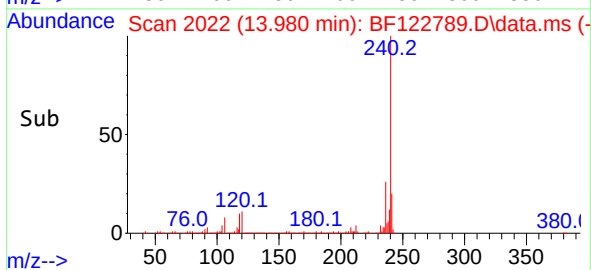
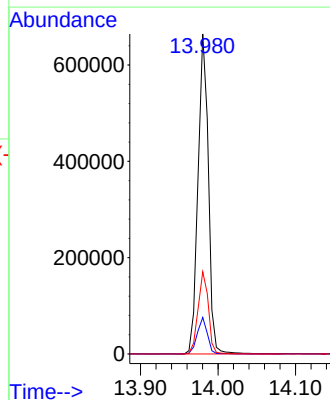
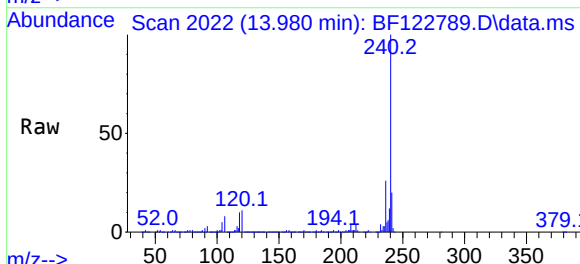
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

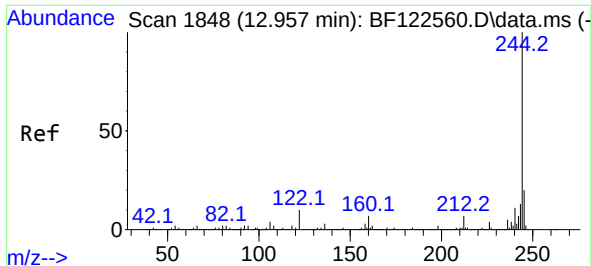
Tgt Ion:188 Resp: 495216
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 10.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion:240 Resp: 618245
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.7 20.3 30.5

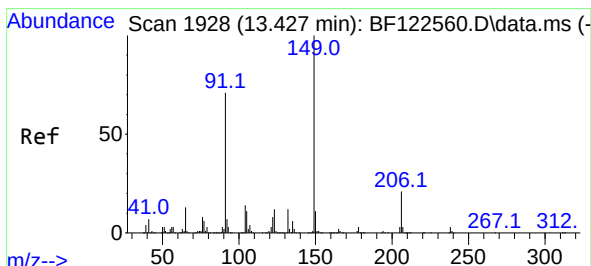
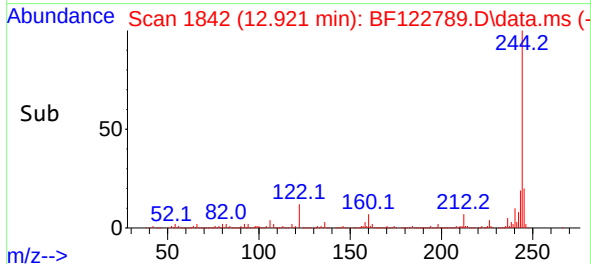
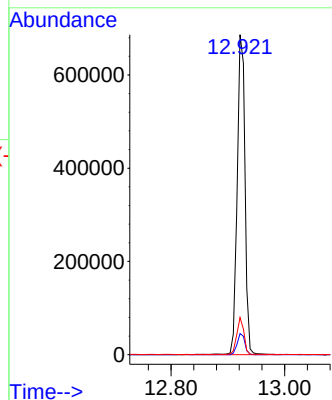
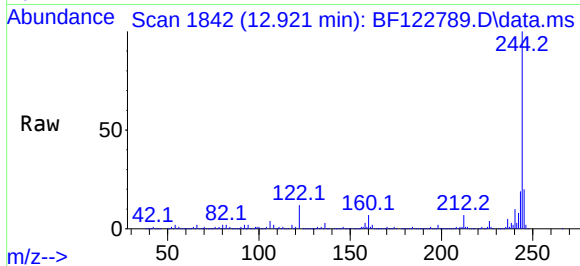




#79
Terphenyl-d14
Concen: 18.40 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

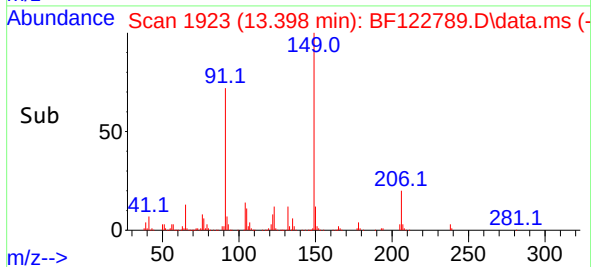
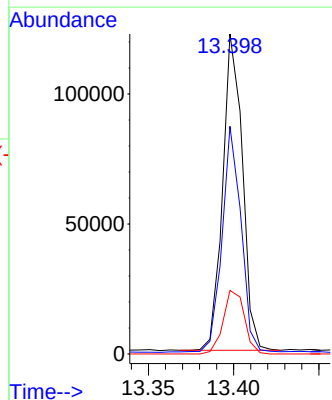
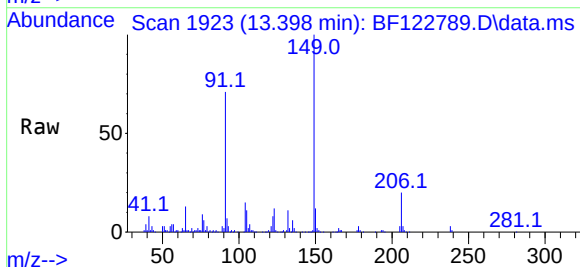
Instrument :
BNA_F
ClientSampleId :
GROUNDWATERRE

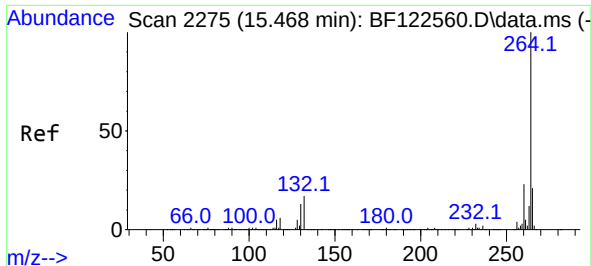
Tgt Ion:244 Resp: 649822
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 11.6 8.3 12.5



#80
Butylbenzylphthalate
Concen: 4.55 ng
RT: 13.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BF122789.D
Acq: 18 Dec 2020 17:06

Tgt Ion:149 Resp: 98043
Ion Ratio Lower Upper
149 100
91 71.2 56.5 84.7
206 19.9 17.0 25.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122789.D
 Acq: 18 Dec 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 GROUNDWATERRE

Tgt Ion:264 Resp: 565783
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.2 17.0 25.6

