

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
 Data File : BF125061.D
 Acq On : 11 Aug 2021 17:54
 Operator : JU/CG
 Sample : M3316-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Quant Time: Aug 12 05:10:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

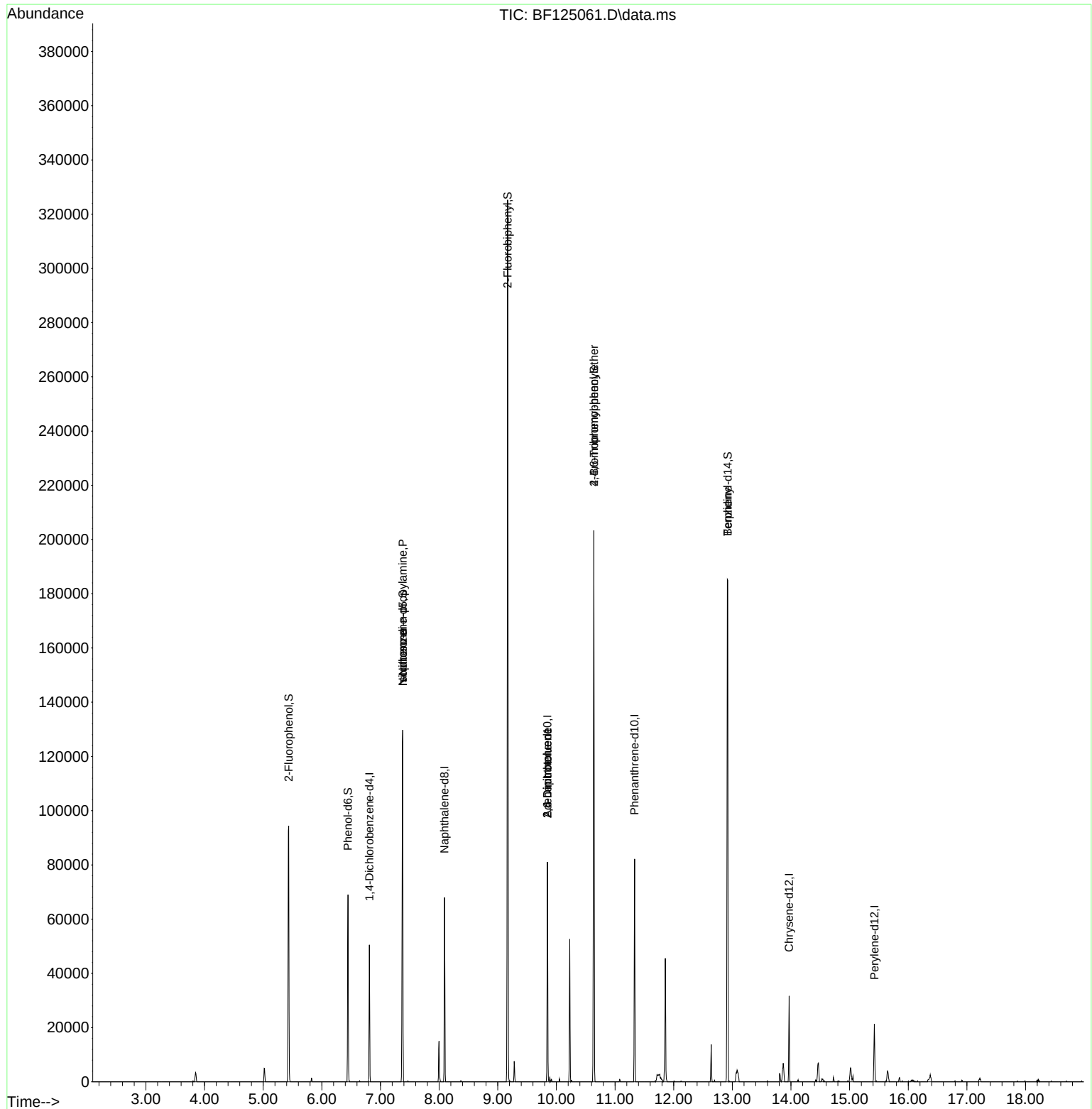
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6616	20.000	ng	# 0.00
21) Naphthalene-d8	8.092	136	27124	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	15699	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	28490	20.000	ng	0.00
76) Chrysene-d12	13.969	240	10869	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	26618	65.906	ng	0.00
7) Phenol-d6	6.446	99	19587	38.461	ng	0.00
23) Nitrobenzene-d5	7.381	82	42645	82.247	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	19300	137.607	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	92716	86.417	ng	0.00
79) Terphenyl-d14	12.922	244	67916	105.403	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	5625	18.615	ng	# 63
25) Isophorone	7.381	82	42645	48.189	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1751	7.391	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1751	5.444	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	1582	5.070	ng	# 1
77) Benzidine	12.922	184	849	2.919	ng	# 69

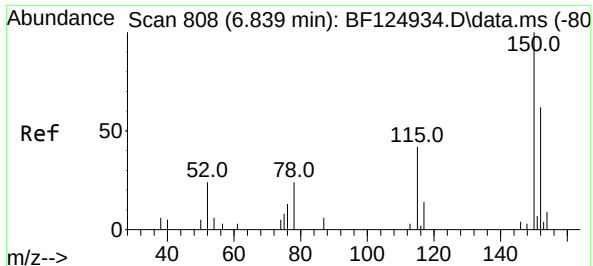
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125061.D
Acq On : 11 Aug 2021 17:54
Operator : JU/CG
Sample : M3316-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

Quant Time: Aug 12 05:10:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

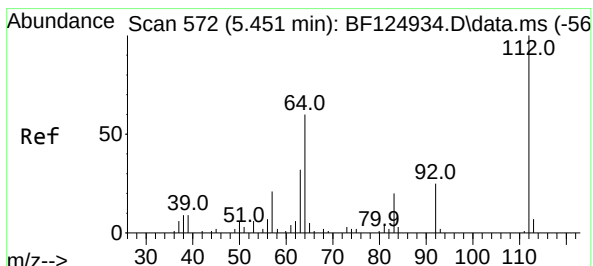
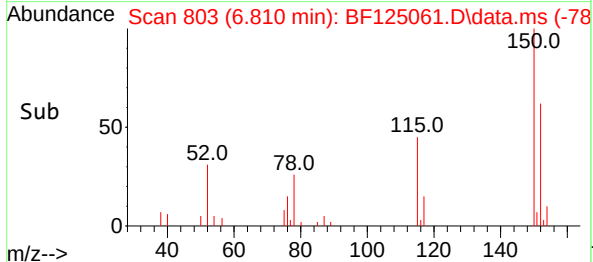
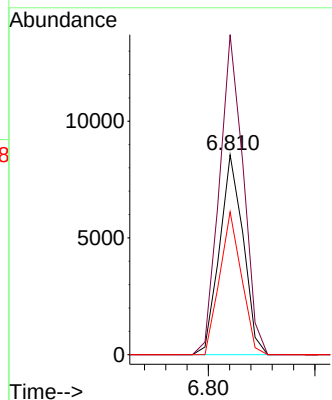
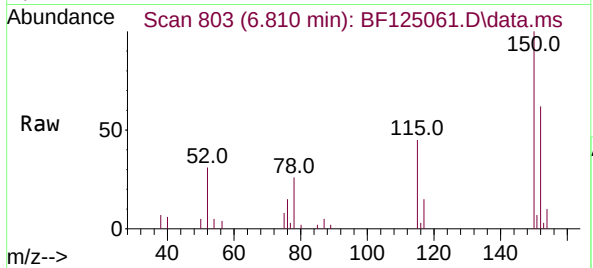




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

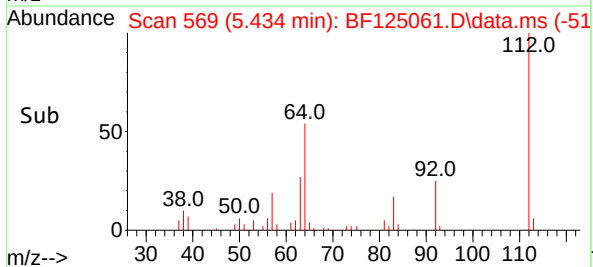
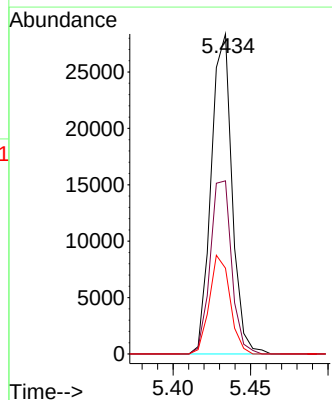
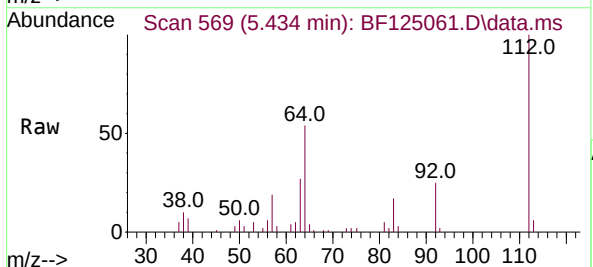
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

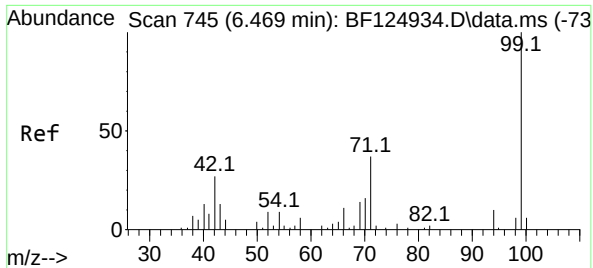
Tgt Ion:152 Resp: 6616
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 71.5 47.1 70.7#



#5
2-Fluorophenol
Concen: 65.906 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:112 Resp: 26618
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 26.8 26.2 39.2

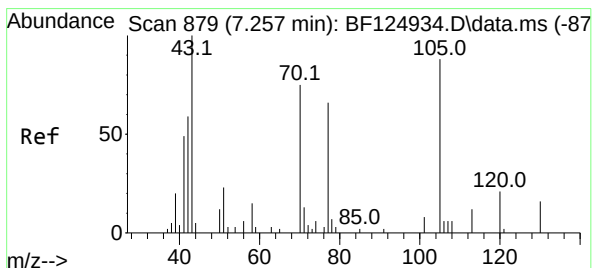
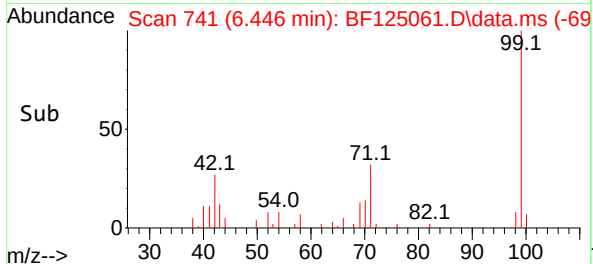
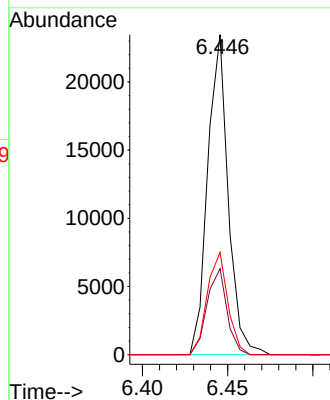
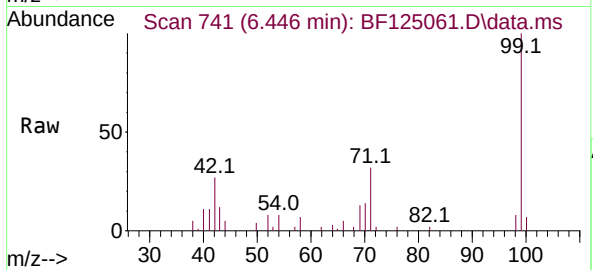




#7
Phenol-d6
Concen: 38.461 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

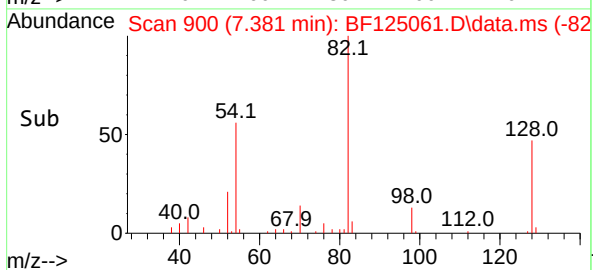
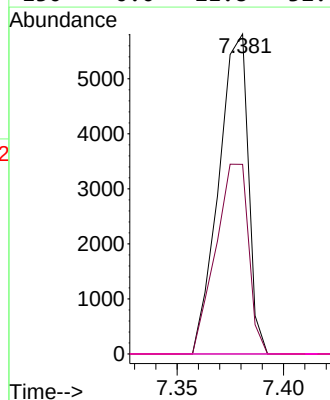
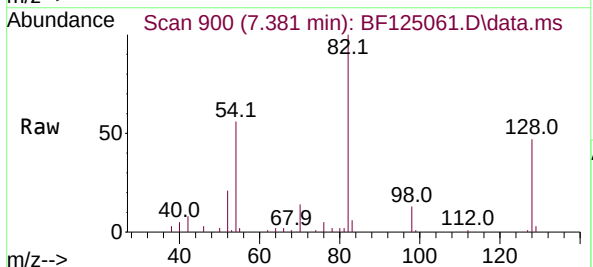
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

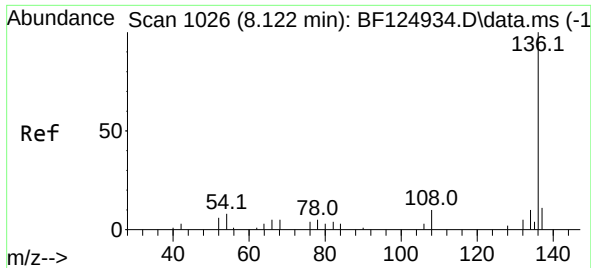
Tgt Ion:	99	Resp:	19587
Ion	Ratio	Lower	Upper
99	100		
42	26.9	23.5	35.3
71	31.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.615 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:	70	Resp:	5625
Ion	Ratio	Lower	Upper
70	100		
42	59.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

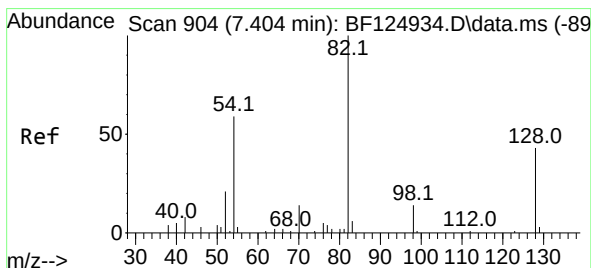
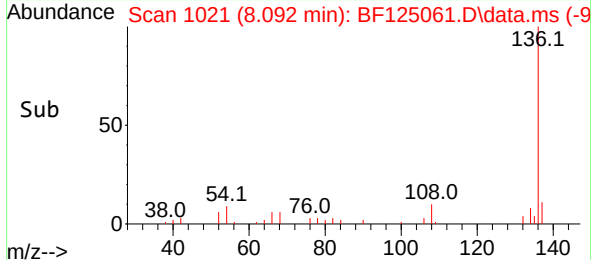
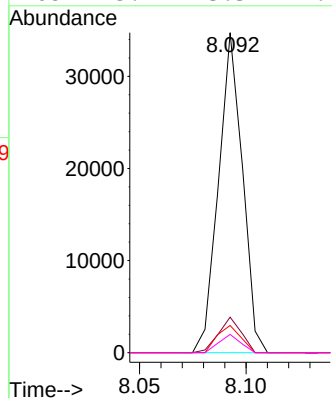
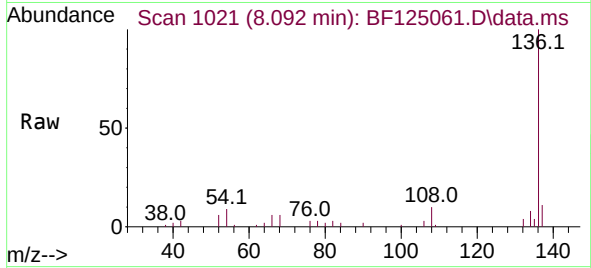




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

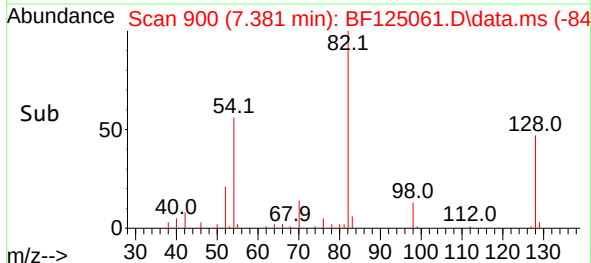
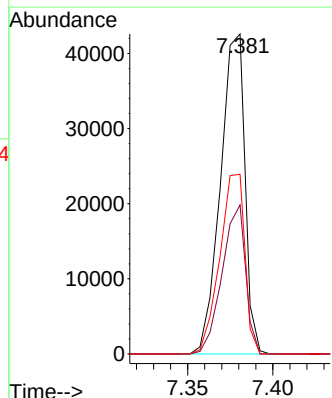
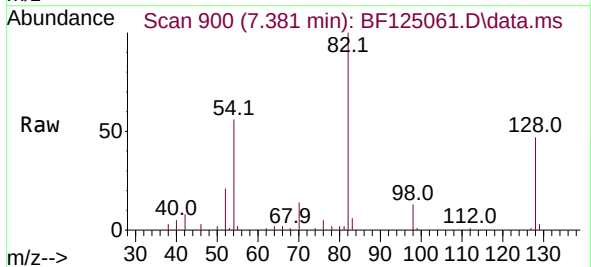
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

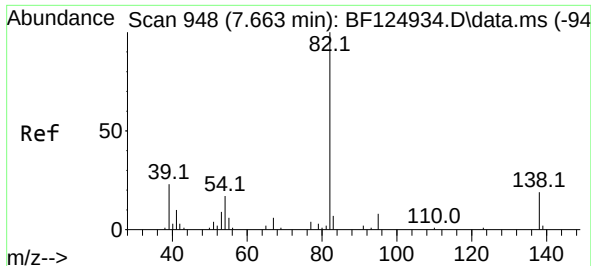
Tgt Ion:136	Resp:	27124
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.8 14.6
54	8.5	6.4 9.6
68	5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 82.247 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion: 82	Resp:	42645
Ion Ratio	Lower	Upper
82	100	
128	46.5	40.6 60.8
54	56.2	49.6 74.4

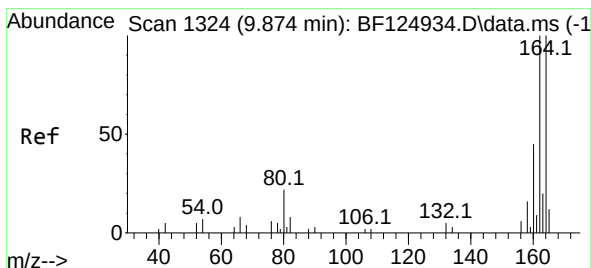
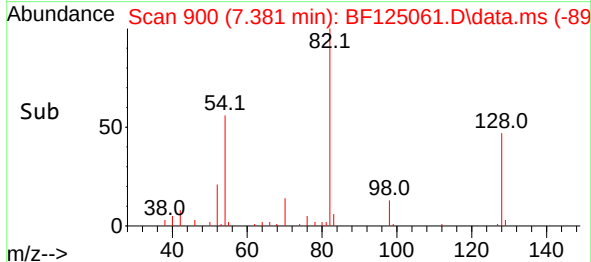
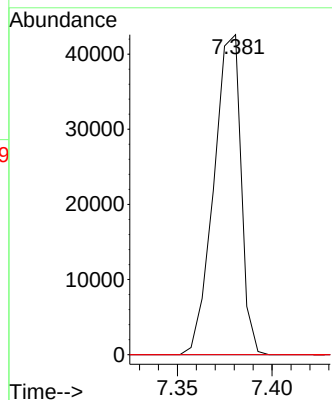
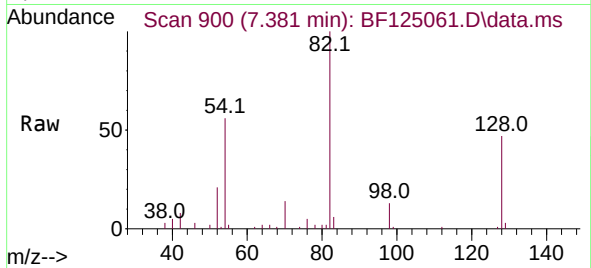




#25
Isophorone
Concen: 48.189 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

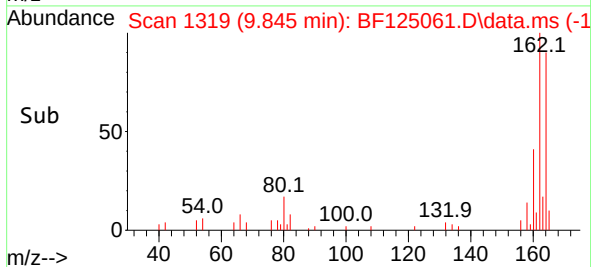
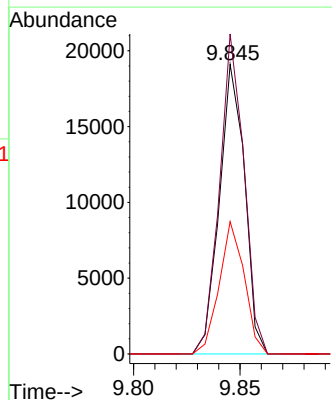
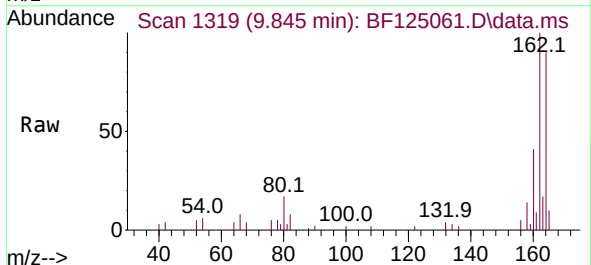
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

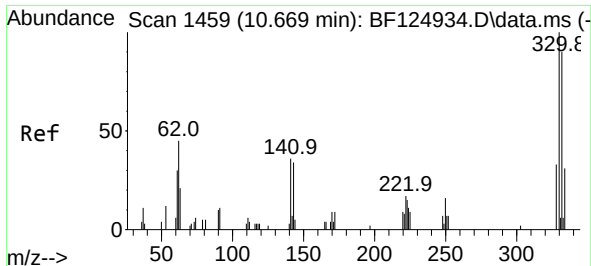
Tgt Ion: 82 Resp: 42645
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:164 Resp: 15699
Ion Ratio Lower Upper
164 100
162 110.5 81.3 121.9
160 45.7 38.0 57.0

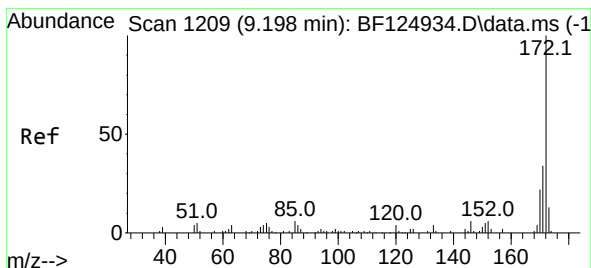
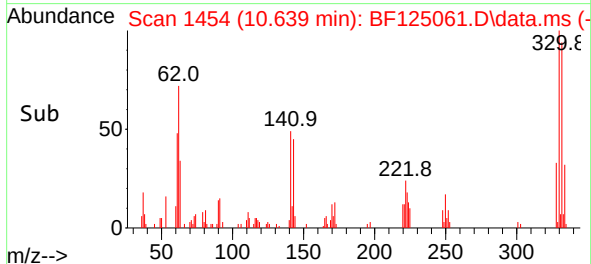
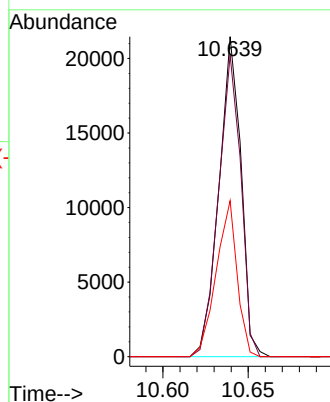
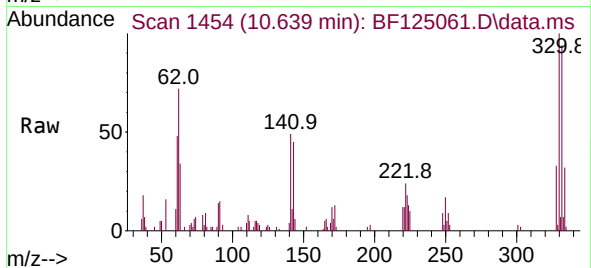




#42
2,4,6-Tribromophenol
Concen: 137.607 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

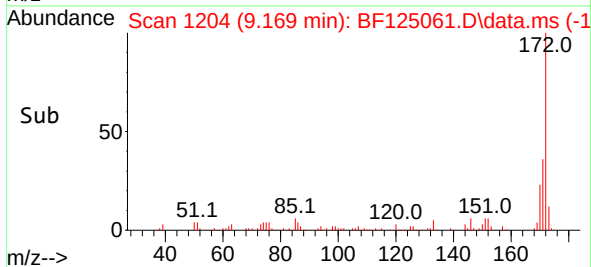
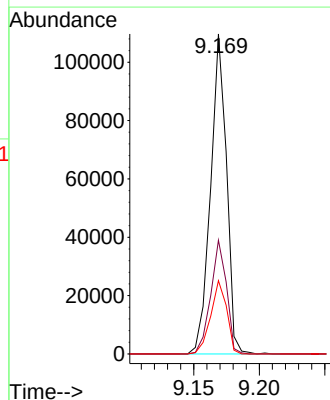
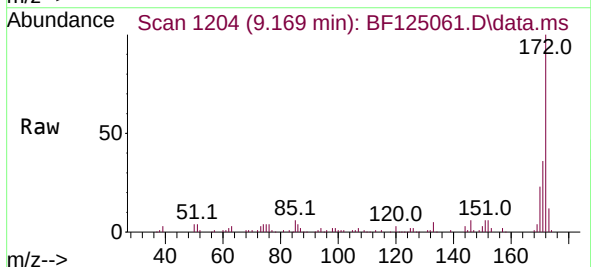
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

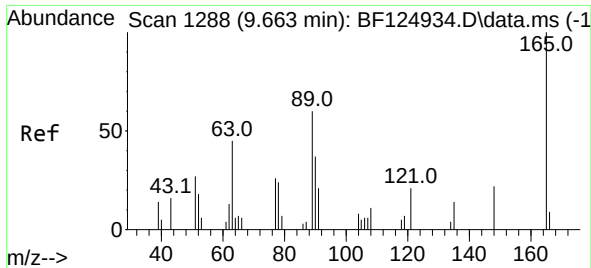
Tgt Ion:330 Resp: 19300
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 46.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 86.417 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:172 Resp: 92716
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 22.9 18.8 28.2

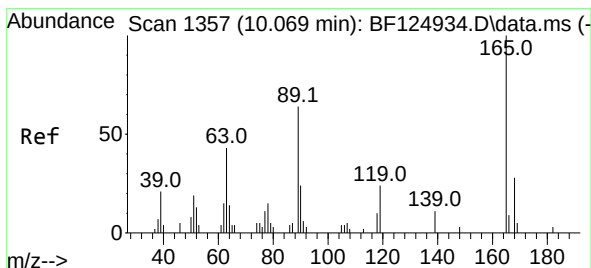
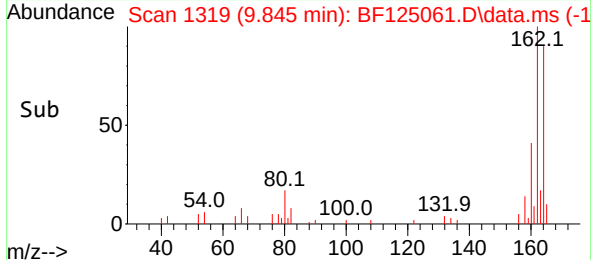
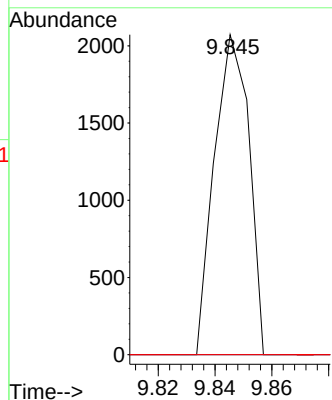
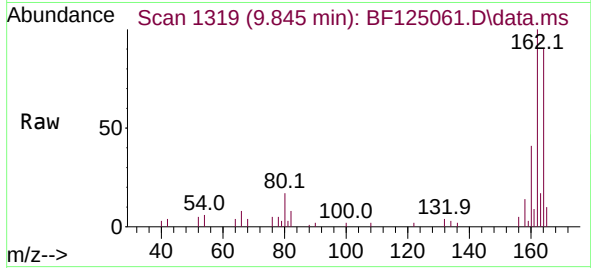




#51
2,6-Dinitrotoluene
Concen: 7.391 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

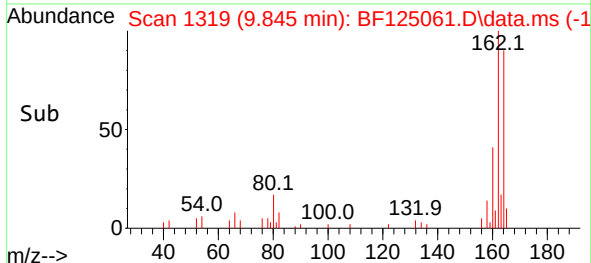
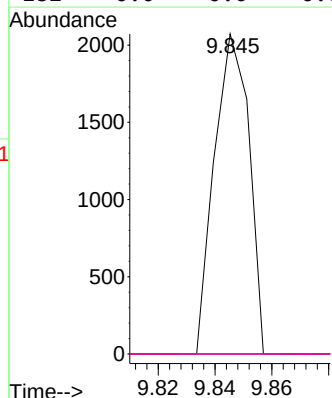
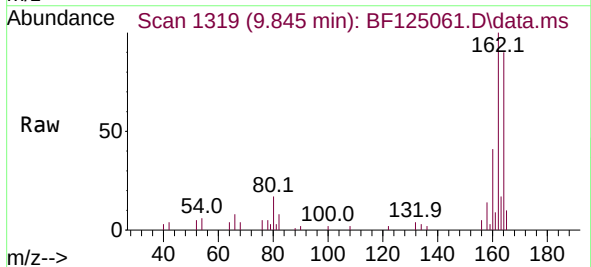
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

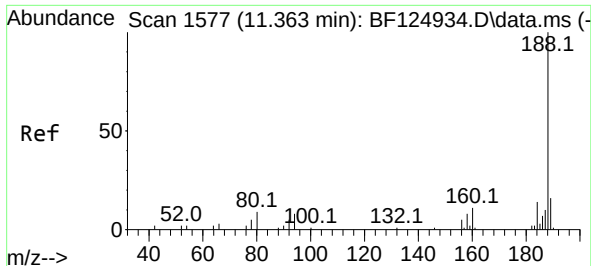
Tgt Ion:165 Resp: 1751
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.444 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:165 Resp: 1751
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

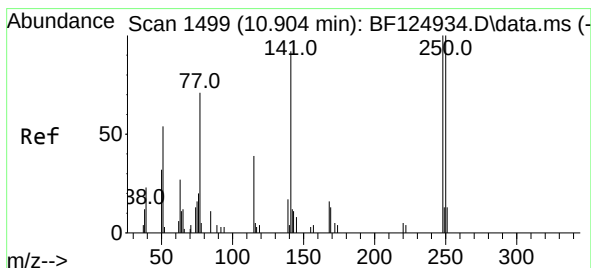
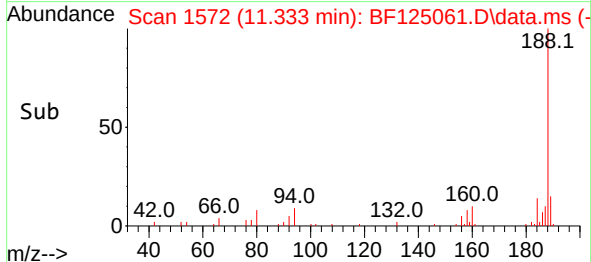
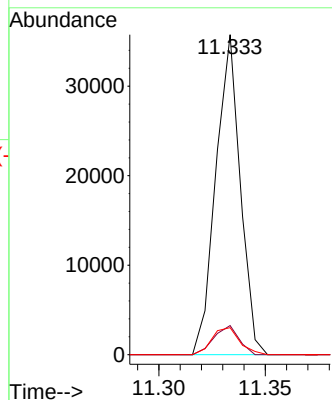
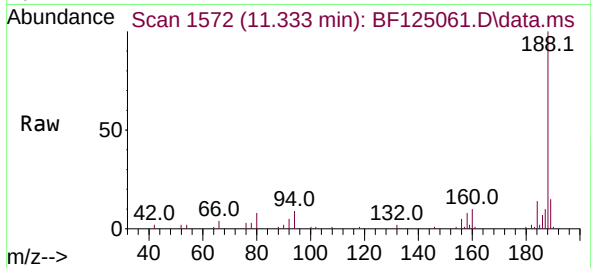




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

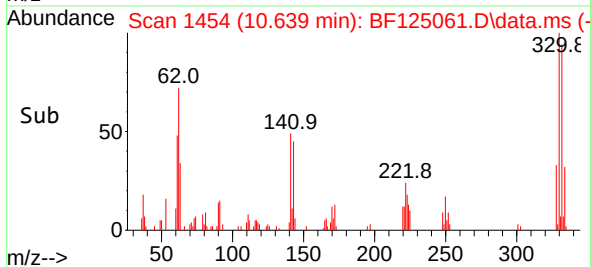
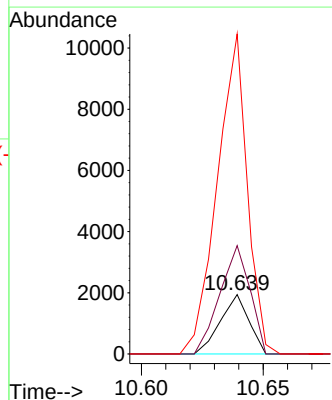
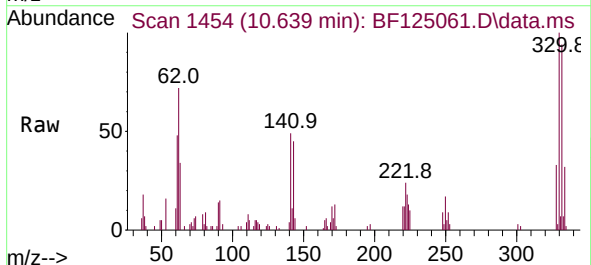
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

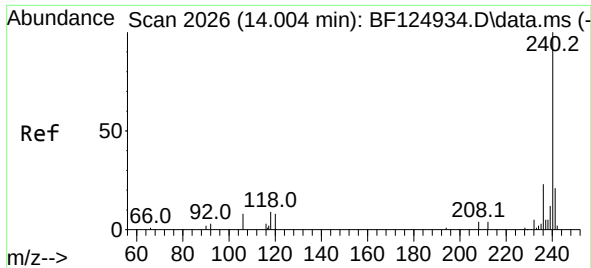
Tgt Ion:188 Resp: 28490
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.070 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:248 Resp: 1582
Ion Ratio Lower Upper
248 100
250 182.7 74.2 111.4#
141 539.5 60.4 90.6#

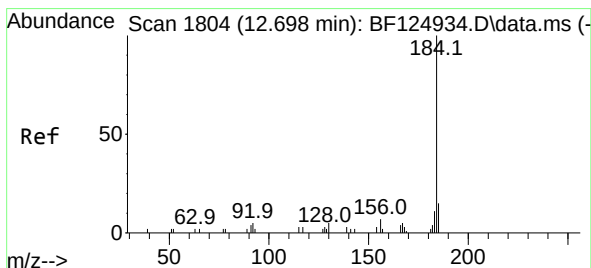
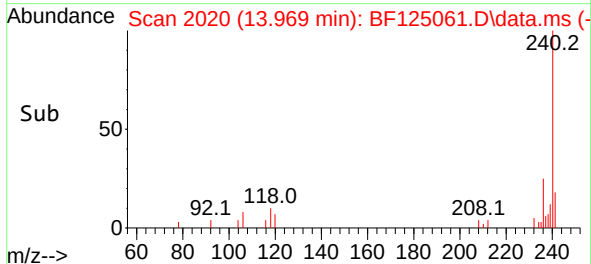
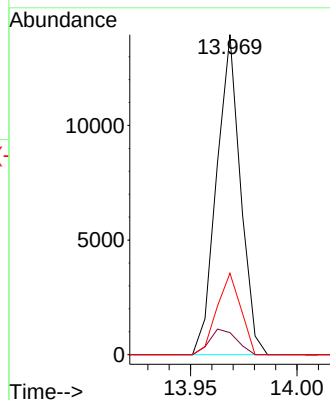
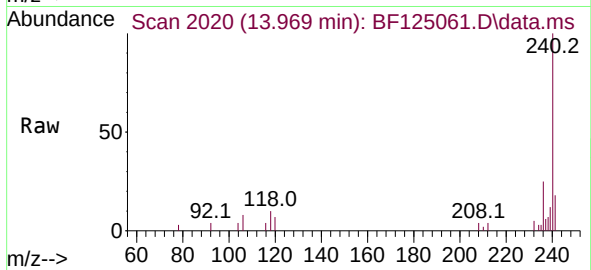




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

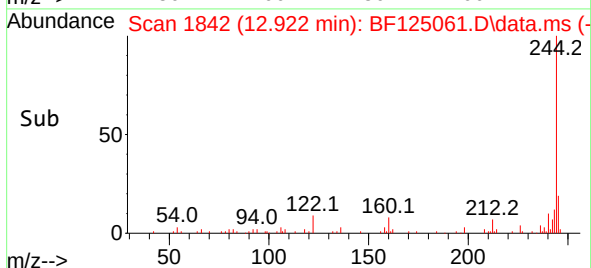
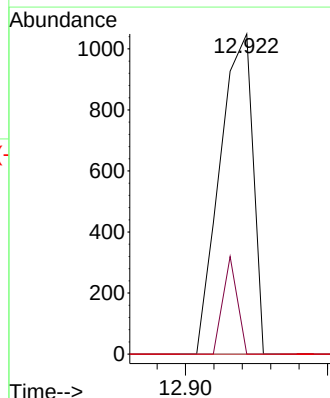
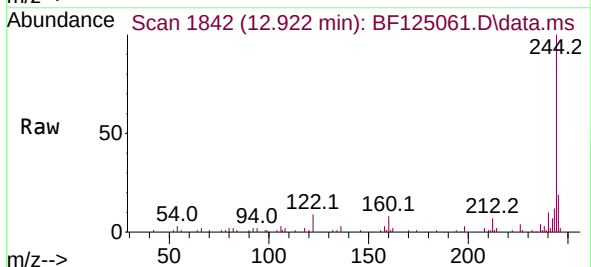
Instrument :
BNA_F
ClientSampleId :
GROUND-WATER

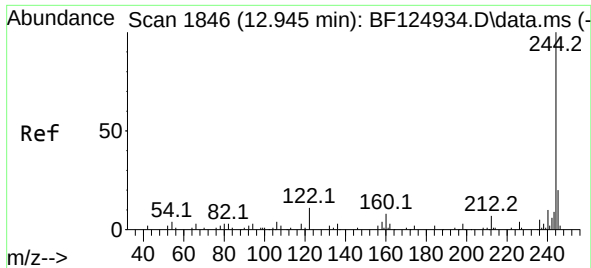
Tgt Ion:240 Resp: 10869
Ion Ratio Lower Upper
240 100
120 6.9 10.8 16.2#
236 25.5 21.6 32.4



#77
Benzidine
Concen: 2.919 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125061.D
Acq: 11 Aug 2021 17:54

Tgt Ion:184 Resp: 849
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

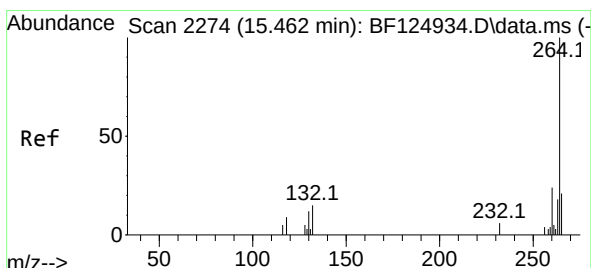
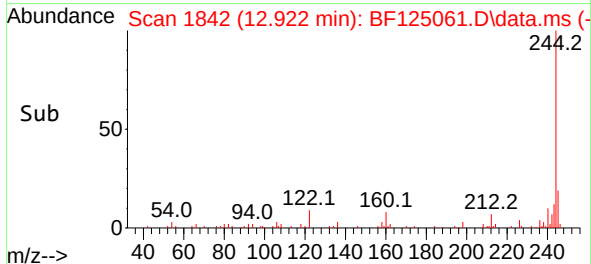
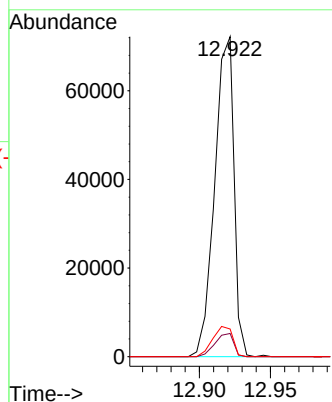
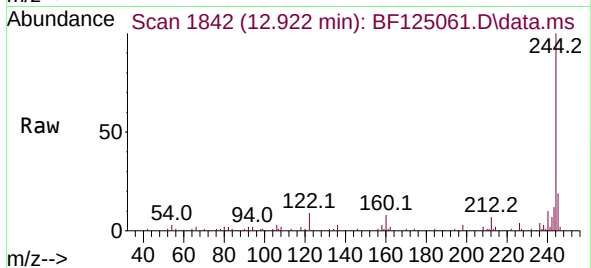




#79
 Terphenyl-d14
 Concen: 105.403 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF125061.D
 Acq: 11 Aug 2021 17:54

Instrument :
 BNA_F
 ClientSampleId :
 GROUND-WATER

Tgt Ion:244 Resp: 67916
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF125061.D
 Acq: 11 Aug 2021 17:54

Tgt Ion:264 Resp: 10319
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 23.1 17.2 25.8

