

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009106.D
 Acq On : 10 Feb 2022 18:56
 Operator : CG/JU
 Sample : N1357-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATERDL

Quant Time: Feb 11 02:26:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

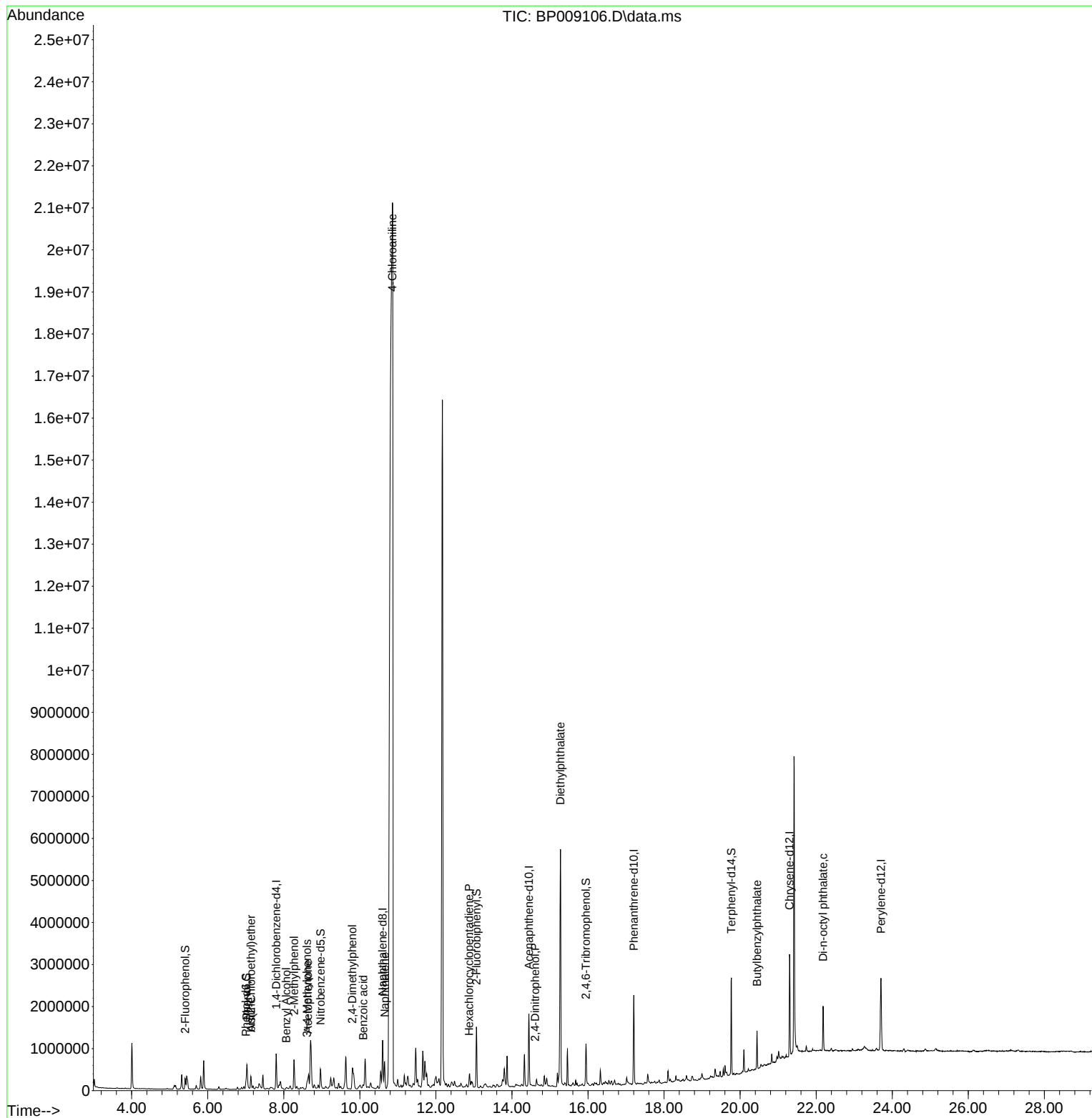
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	250616	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	964729	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	639178	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1362924	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1247225	20.000	ng	0.00
86) Perylene-d12	23.704	264	1362243	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	147545	10.502	ng	0.01
7) Phenol-d6	7.005	99	123457	6.669	ng	0.02
23) Nitrobenzene-d5	8.963	82	296013	17.304	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	227745	26.686	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	793383	17.376	ng	0.00
79) Terphenyl-d14	19.769	244	1194439	17.222	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.134	93	217609	10.356	ng	99
10) Phenol	7.028	94	396006	21.276	ng	94
11) bis(2-Chloroethyl)ether	7.134	93	217609	15.057	ng	# 30
15) Benzyl Alcohol	8.069	79	24715	2.097	ng	92
17) 2-Methylphenol	8.269	107	254112	20.364	ng	97
20) 3+4-Methylphenols	8.611	107	84911	4.972	ng	88
22) Acetophenone	8.634	105	49818	2.209	ng	# 83
27) 2,4-Dimethylphenol	9.805	122	327316	26.172	ng	98
31) Naphthalene	10.652	128	554001	11.259	ng	99
32) Benzoic acid	10.087	122	19871	4.899	ng	# 33
33) 4-Chloroaniline	10.858	127	36721960	1848.269	ng	95
41) Hexachlorocyclopentadiene	12.869	237	29	8.659	ng	77
54) 2,4-Dinitrophenol	14.610	184	195	2.215	ng	# 1
60) Diethylphthalate	15.275	149	155447	3.608	ng	99
80) Butylbenzylphthalate	20.445	149	278038	9.114	ng	98
85) Di-n-octyl phthalate	22.180	149	147737	2.289	ng	# 41

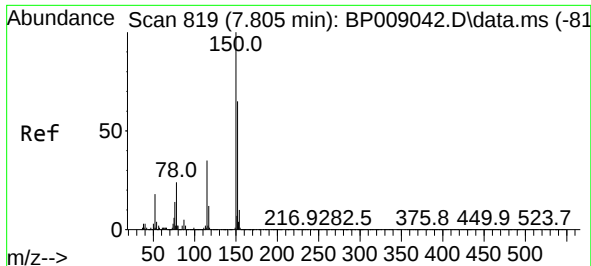
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
Data File : BP009106.D
Acq On : 10 Feb 2022 18:56
Operator : CG/JU
Sample : N1357-01DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

Quant Time: Feb 11 02:26:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

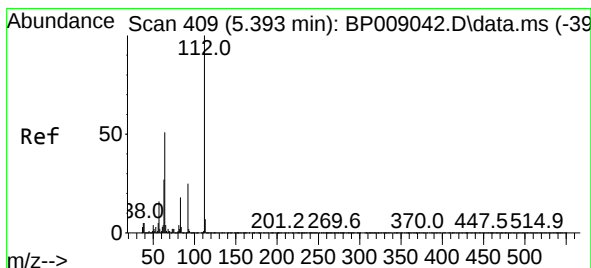
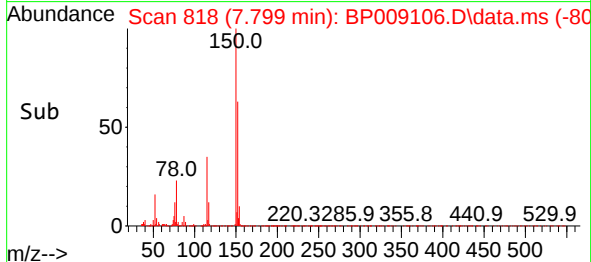
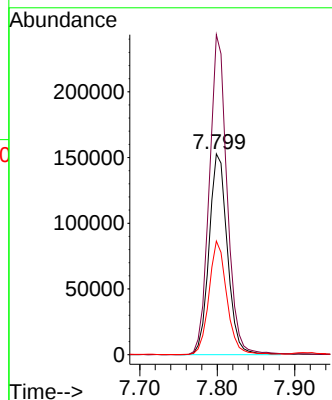
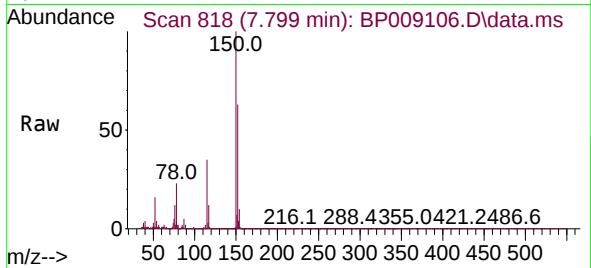




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

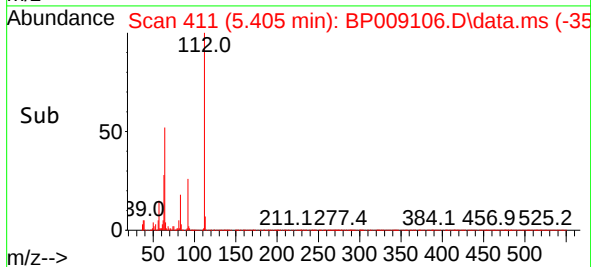
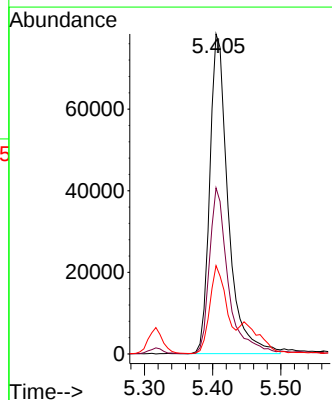
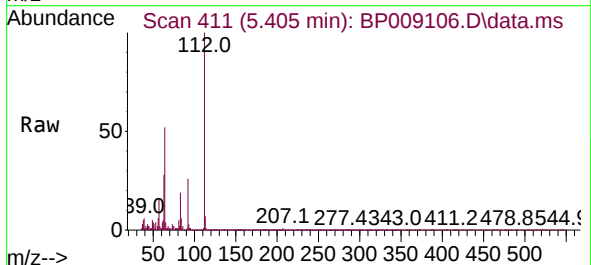
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

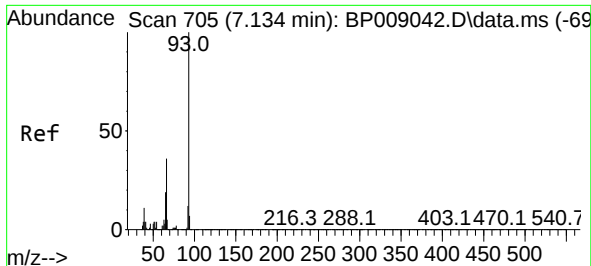
Tgt Ion:152 Resp: 250616
Ion Ratio Lower Upper
152 100
150 159.3 127.0 190.6
115 56.5 43.7 65.5



#5
2-Fluorophenol
Concen: 10.502 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion:112 Resp: 147545
Ion Ratio Lower Upper
112 100
64 51.9 39.7 59.5
63 27.6 20.0 30.0

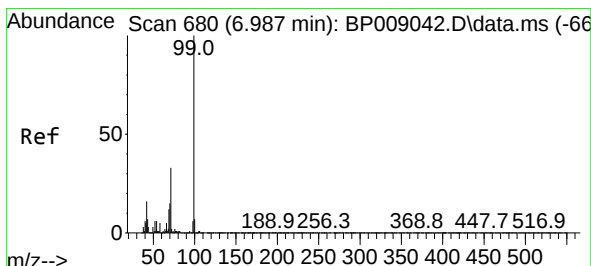
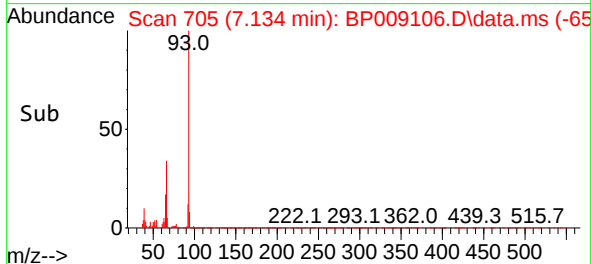
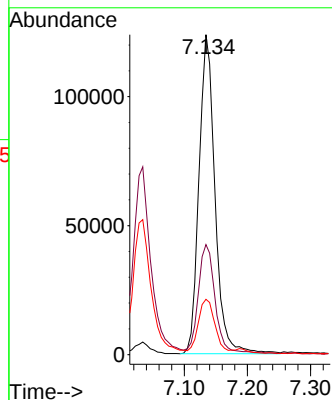
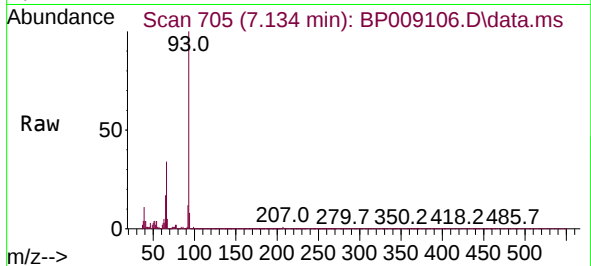




#6
Aniline
Concen: 10.356 ng
RT: 7.134 min Scan# 705
Delta R.T. 0.000 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

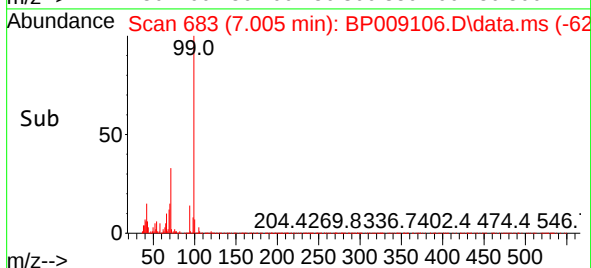
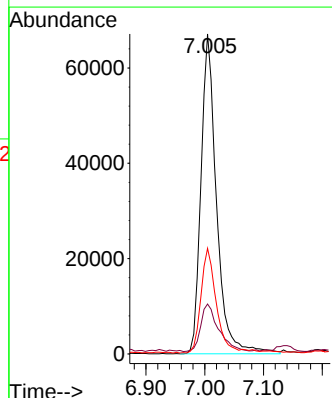
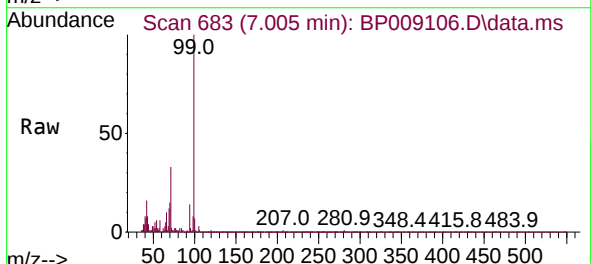
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

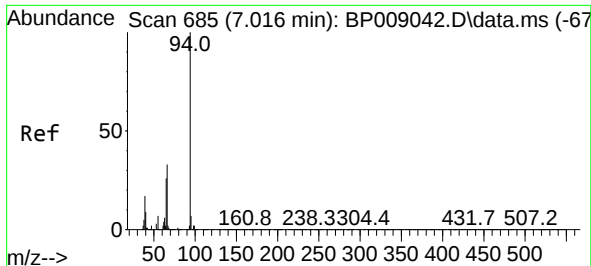
Tgt Ion: 93 Resp: 217609
Ion Ratio Lower Upper
93 100
66 34.4 27.8 41.6
65 17.3 14.0 21.0



#7
Phenol-d6
Concen: 6.669 ng
RT: 7.005 min Scan# 683
Delta R.T. 0.018 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 99 Resp: 123457
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 33.0 23.8 35.6

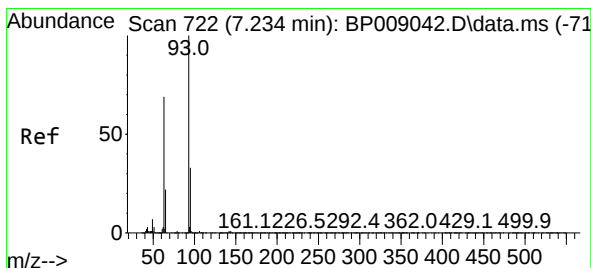
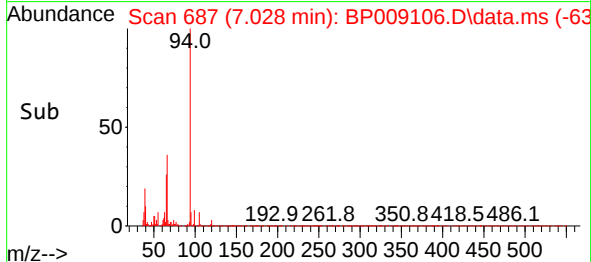
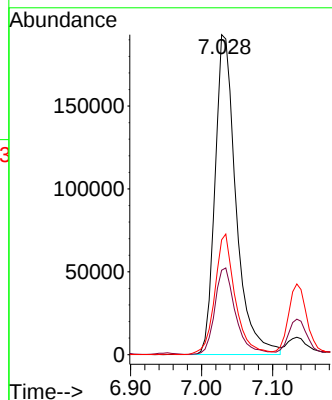
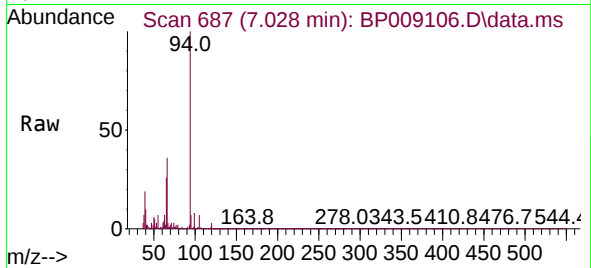




#10
Phenol
Concen: 21.276 ng
RT: 7.028 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

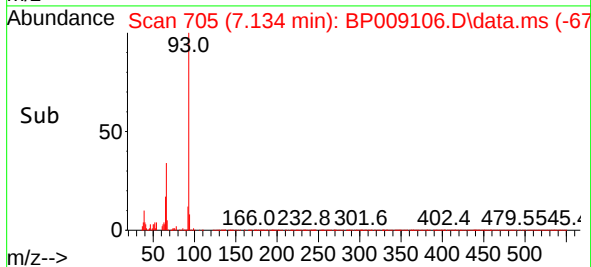
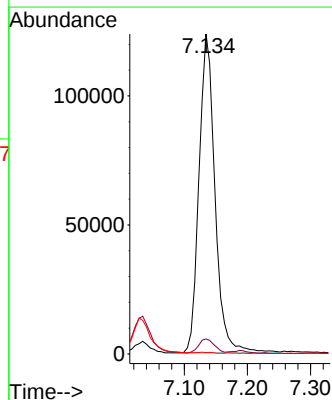
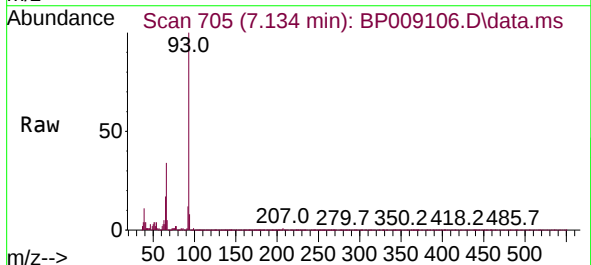
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

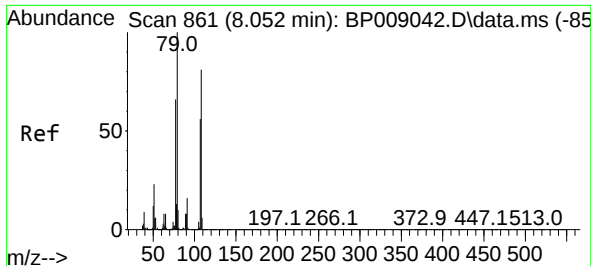
Tgt Ion: 94 Resp: 396006
Ion Ratio Lower Upper
94 100
65 26.4 4.1 44.1
66 35.9 12.4 52.4



#11
bis(2-Chloroethyl)ether
Concen: 15.057 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.100 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 93 Resp: 217609
Ion Ratio Lower Upper
93 100
63 4.7 46.0 86.0#
95 0.4 12.2 52.2#

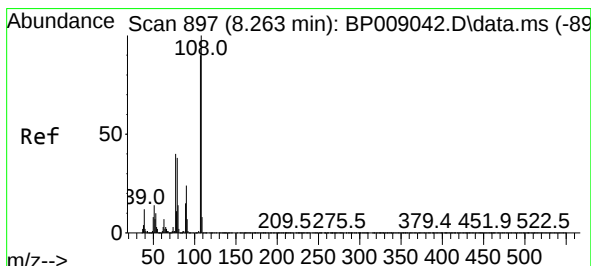
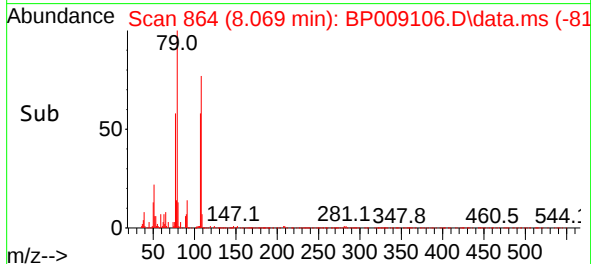
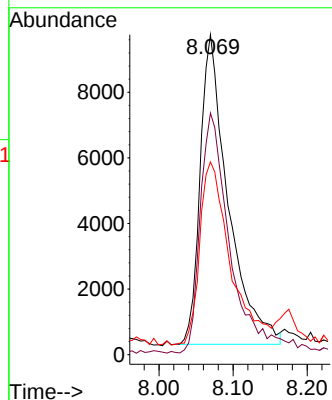
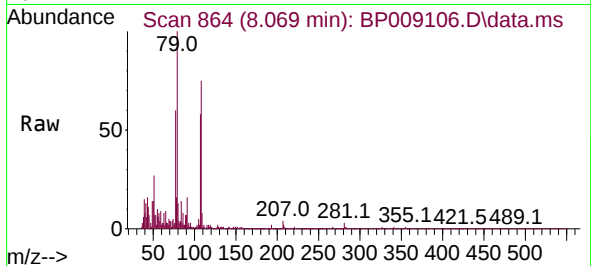




#15
Benzyl Alcohol
Concen: 2.097 ng
RT: 8.069 min Scan# 80
Delta R.T. 0.018 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

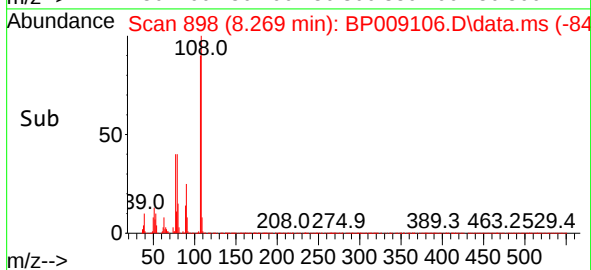
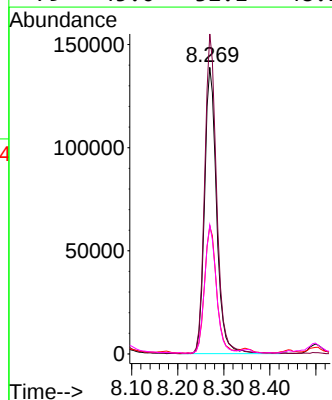
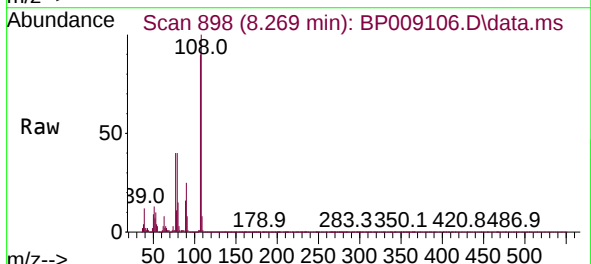
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

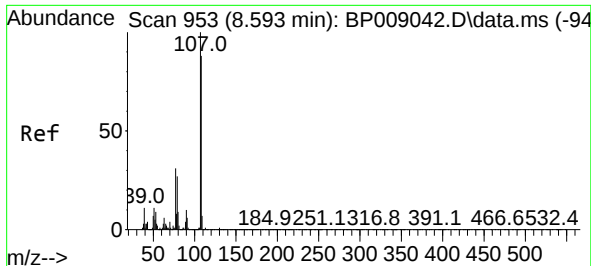
Tgt Ion: 79 Resp: 24715
Ion Ratio Lower Upper
79 100
108 75.5 67.8 101.8
77 60.3 50.7 76.1



#17
2-Methylphenol
Concen: 20.364 ng
RT: 8.269 min Scan# 898
Delta R.T. 0.006 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 107 Resp: 254112
Ion Ratio Lower Upper
107 100
108 111.7 90.0 135.0
77 44.5 32.7 49.1
79 45.0 32.1 48.1

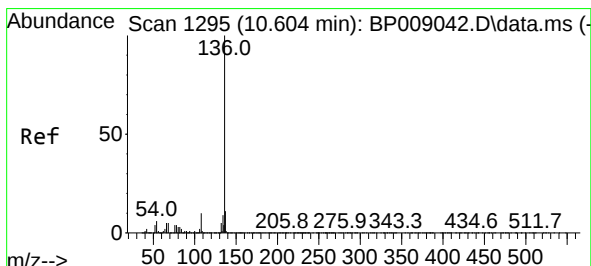
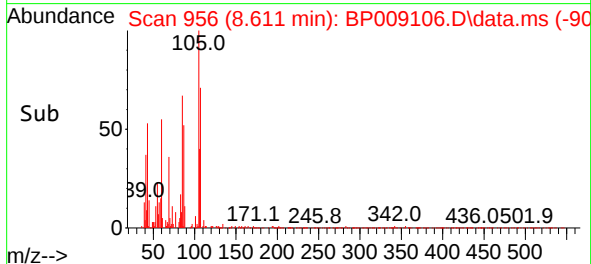
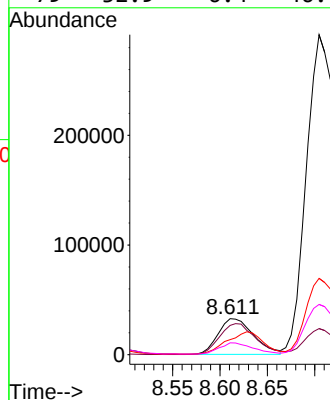
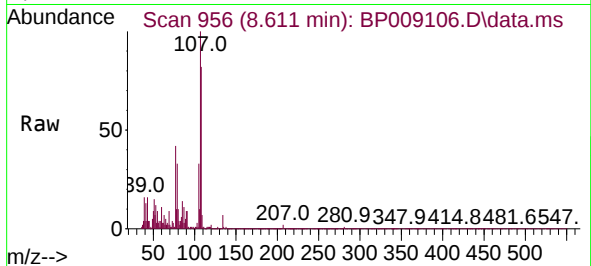




#20
3+4-Methylphenols
Concen: 4.972 ng
RT: 8.611 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

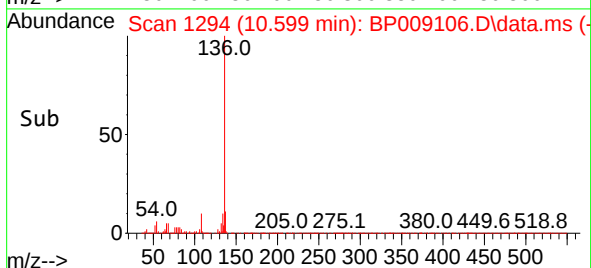
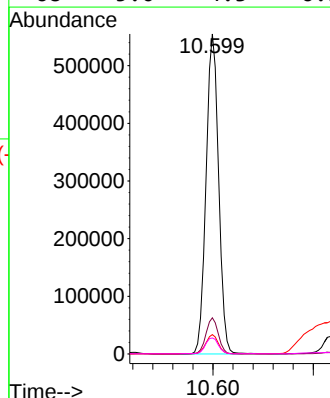
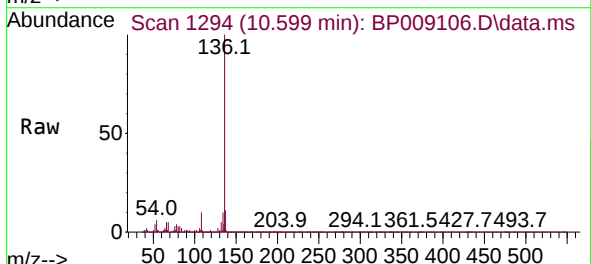
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

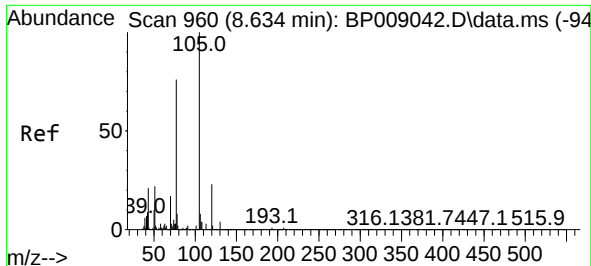
Tgt Ion:107	Resp:	84911
Ion	Ratio	Lower Upper
107	100	
108	81.6	69.8 109.8
77	42.0	10.4 50.4
79	32.9	6.4 46.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion:136	Resp:	964729
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	6.1	4.9 7.3
68	5.0	4.3 6.5

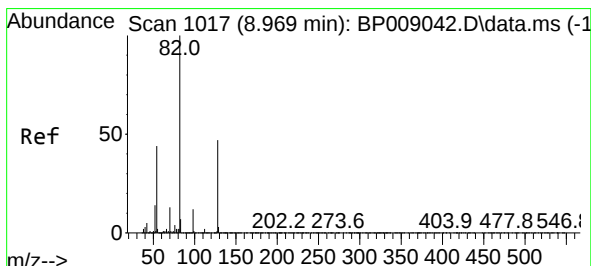
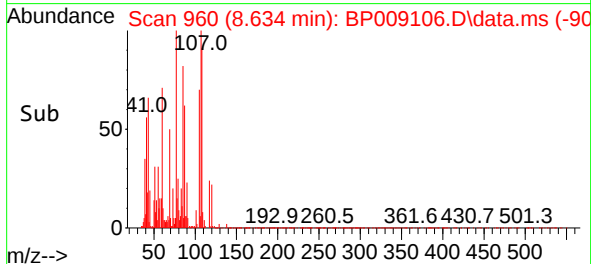
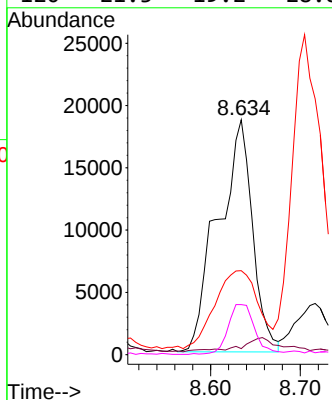
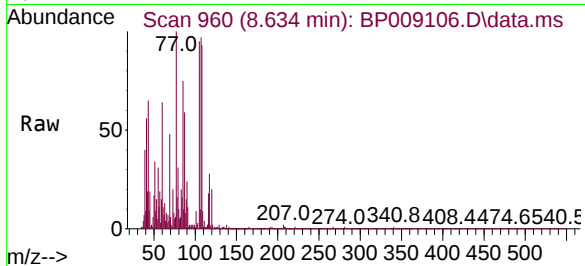




#22
Acetophenone
Concen: 2.209 ng
RT: 8.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

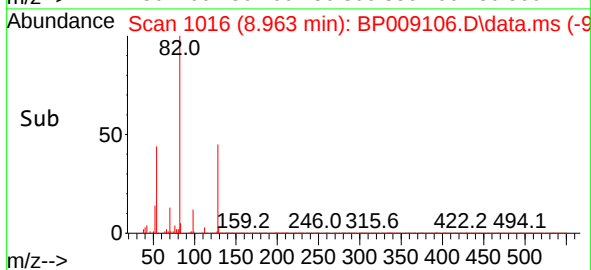
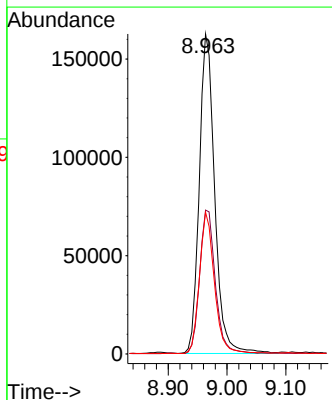
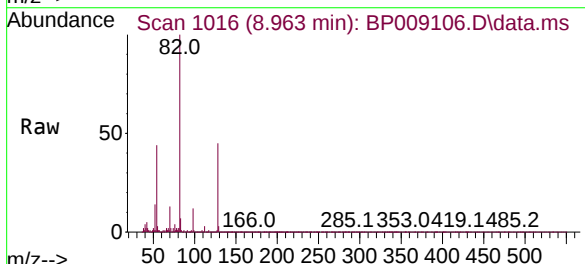
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

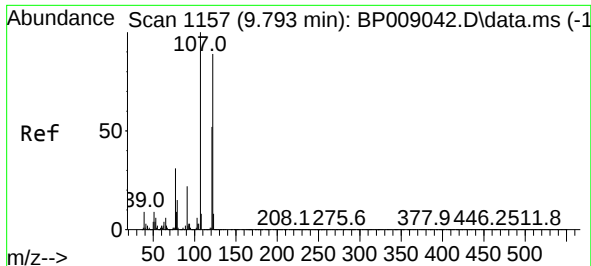
Tgt Ion:105 Resp: 49818
Ion Ratio Lower Upper
105 100
71 2.6 5.3 7.9#
51 35.7 16.3 24.5#
120 21.3 19.2 28.8



#23
Nitrobenzene-d5
Concen: 17.304 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion: 82 Resp: 296013
Ion Ratio Lower Upper
82 100
128 44.9 39.4 59.2
54 44.3 32.6 48.8





#27

2,4-Dimethylphenol

Concen: 26.172 ng

RT: 9.805 min Scan# 1157

Delta R.T. 0.012 min

Lab File: BP009106.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_P

ClientSampleId :

GROUNDWATERDL

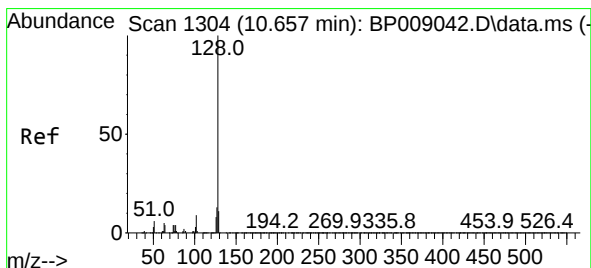
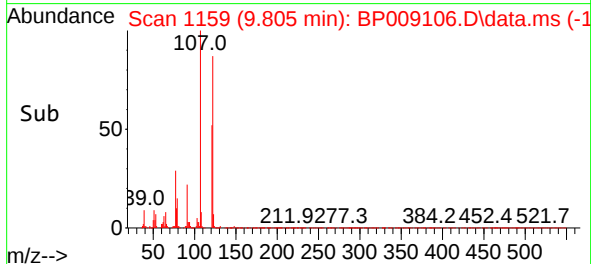
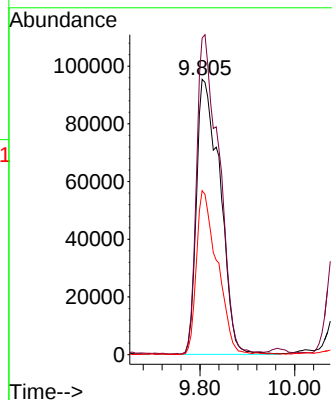
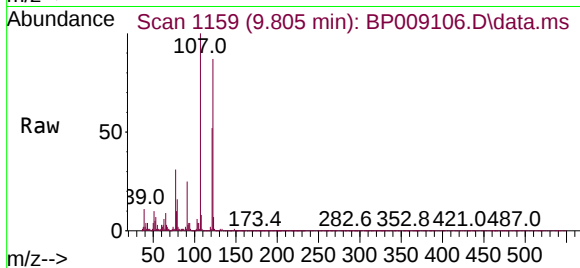
Tgt Ion:122 Resp: 327316

Ion Ratio Lower Upper

122 100

107 115.0 89.6 134.4

121 59.5 47.8 71.8



#31

Naphthalene

Concen: 11.259 ng

RT: 10.652 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP009106.D

Acq: 10 Feb 2022 18:56

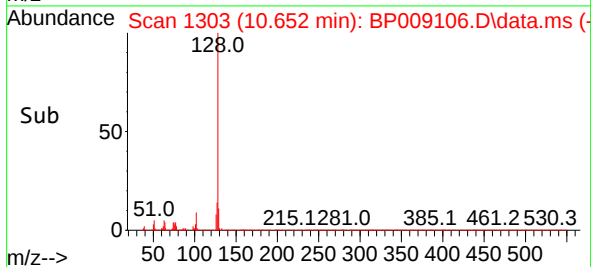
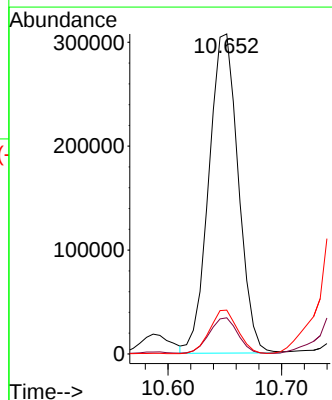
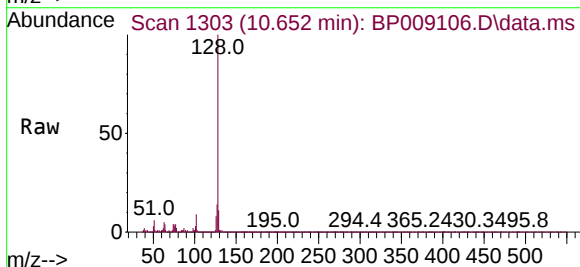
Tgt Ion:128 Resp: 554001

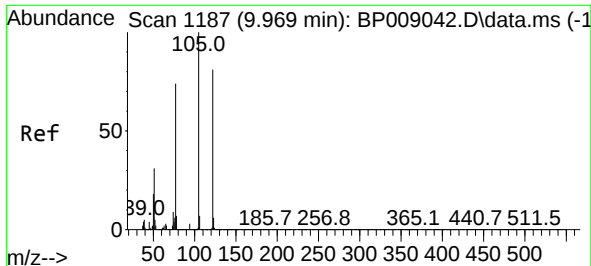
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.7 10.4 15.6

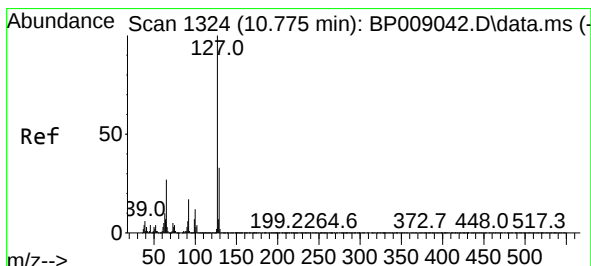
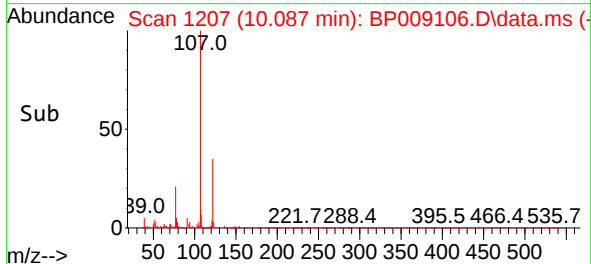
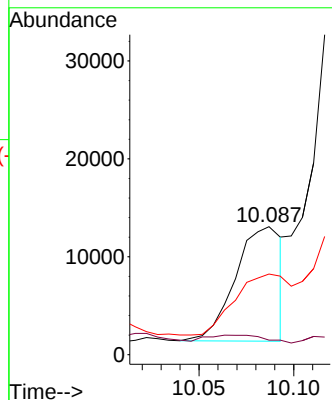
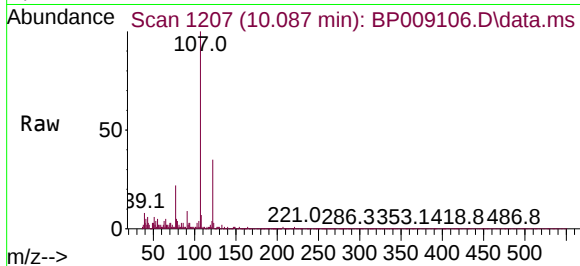




#32
Benzoic acid
Concen: 4.899 ng
RT: 10.087 min Scan# 1187
Delta R.T. 0.118 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

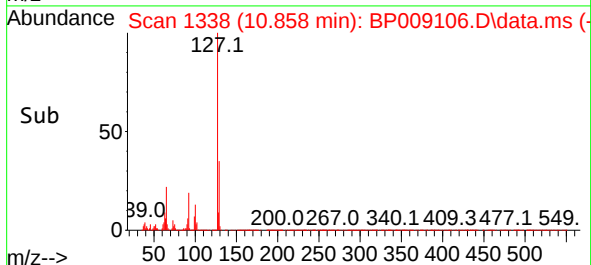
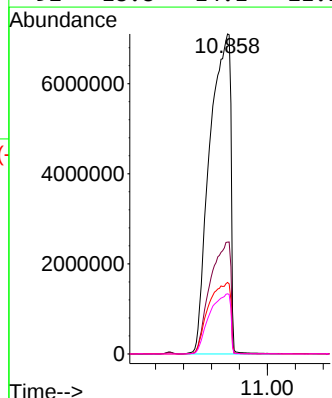
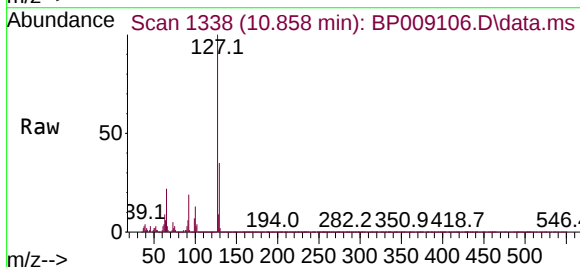
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

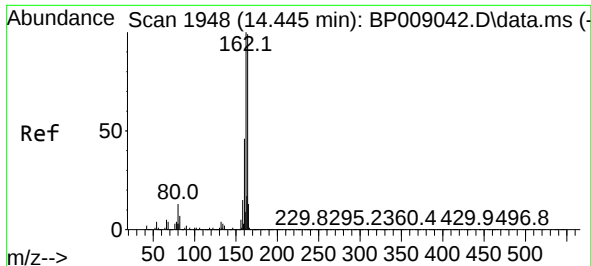
Tgt Ion:122 Resp: 19871
Ion Ratio Lower Upper
122 100
105 11.3 100.1 140.1#
77 62.9 65.5 105.5#



#33
4-Chloroaniline
Concen: 1848.269 ng
RT: 10.858 min Scan# 1338
Delta R.T. 0.083 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion:127 Resp:36721960
Ion Ratio Lower Upper
127 100
129 35.0 26.0 39.0
65 22.4 20.5 30.7
92 18.8 14.1 21.1

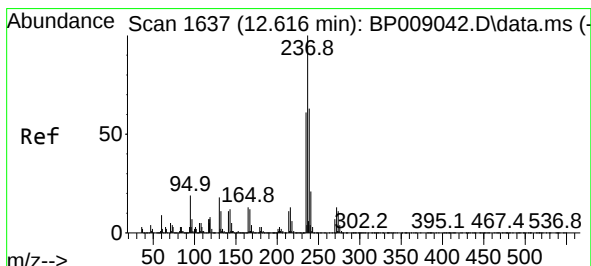
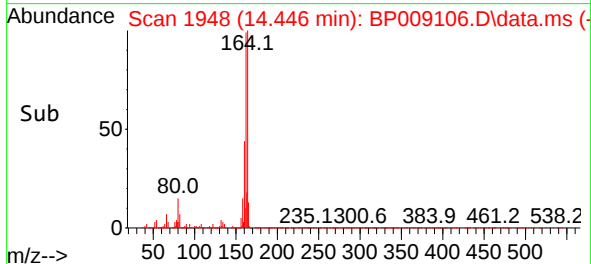
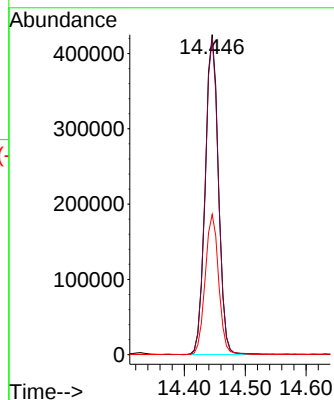
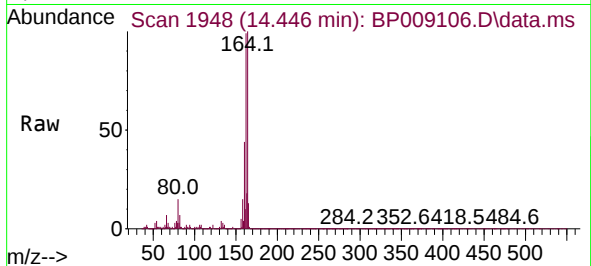




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1948
Delta R.T. 0.001 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

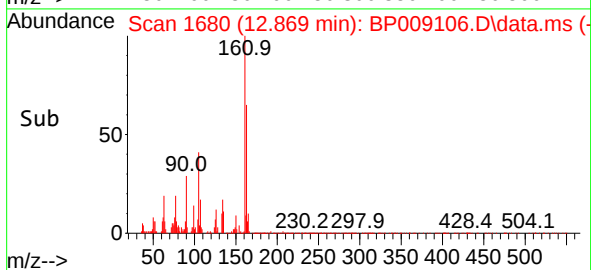
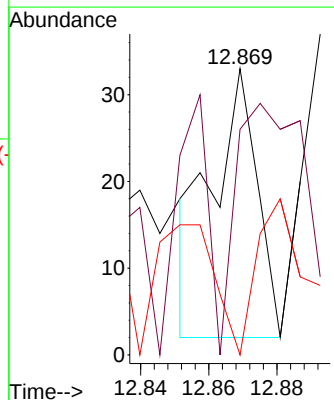
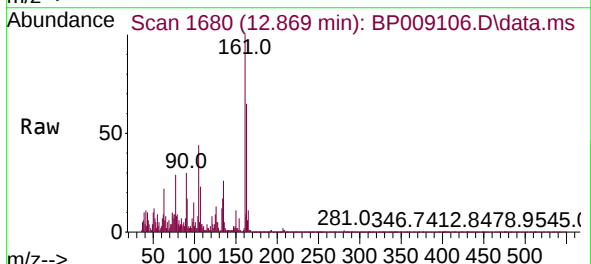
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

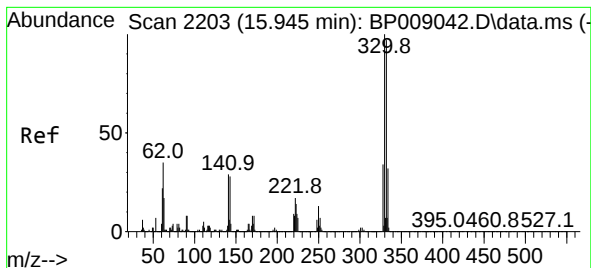
Tgt Ion:164 Resp: 639178
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.8 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.869 min Scan# 1680
Delta R.T. 0.253 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion:237 Resp: 29
Ion Ratio Lower Upper
237 100
235 78.8 42.9 82.9
272 0.0 0.0 33.8

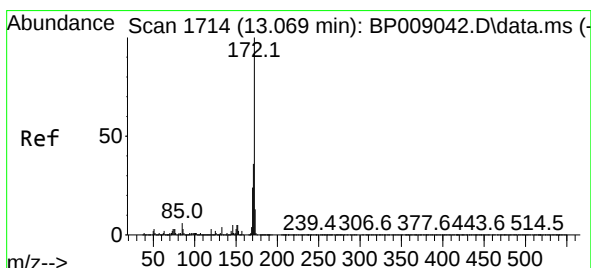
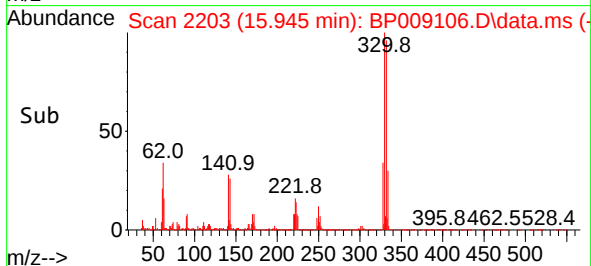
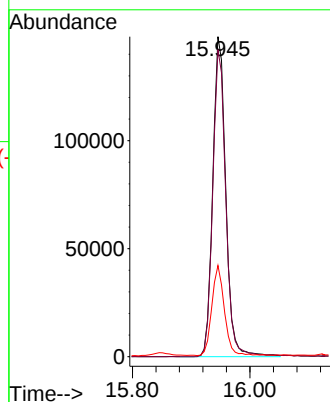
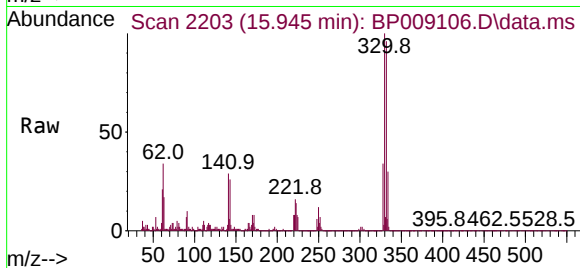




#42
2,4,6-Tribromophenol
Concen: 26.686 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

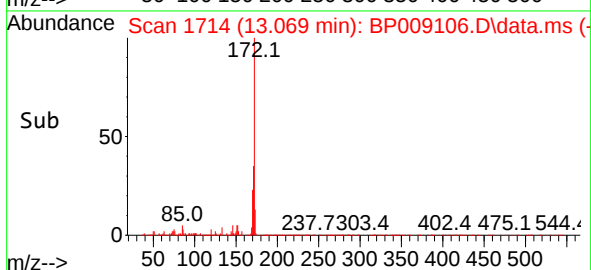
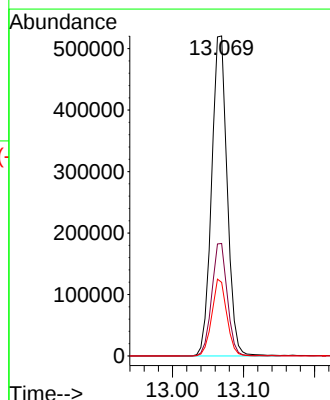
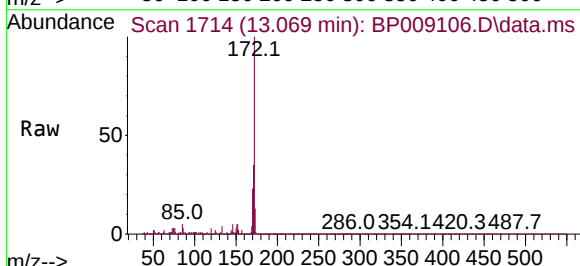
Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

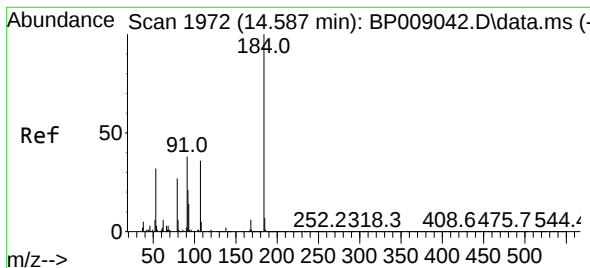
Tgt Ion:330 Resp: 227745
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 27.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 17.376 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion:172 Resp: 793383
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.0 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 2.215 ng

RT: 14.610 min Scan# 1976

Delta R.T. 0.023 min

Lab File: BP009106.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_P

ClientSampleId :

GROUNDWATERDL

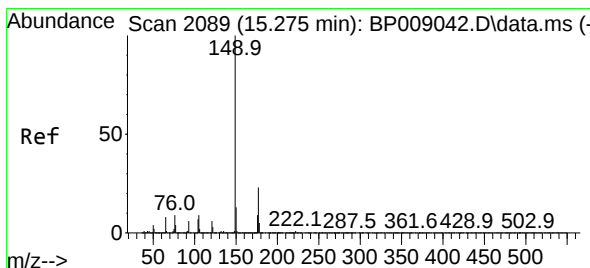
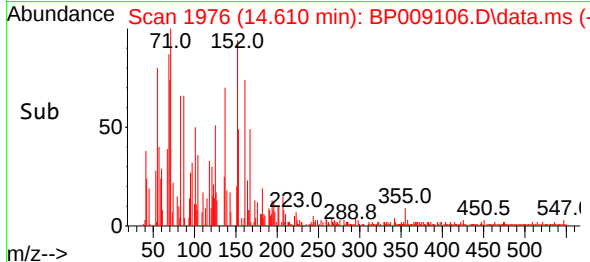
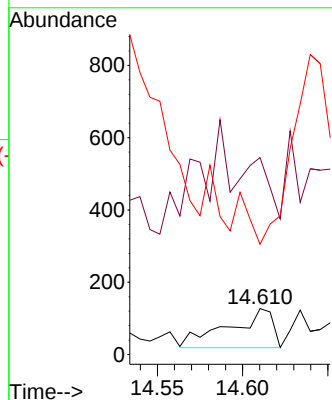
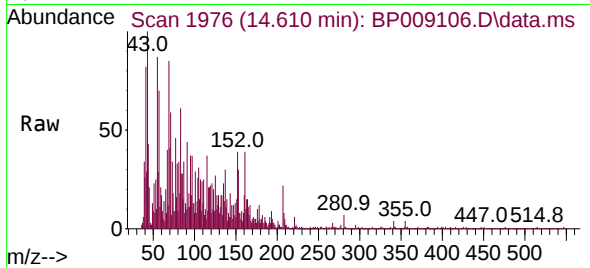
Tgt Ion:184 Resp: 195

Ion Ratio Lower Upper

184 100

63 429.1 35.6 53.4#

154 240.2 43.4 65.0#



#60

Diethylphthalate

Concen: 3.608 ng

RT: 15.275 min Scan# 2089

Delta R.T. -0.000 min

Lab File: BP009106.D

Acq: 10 Feb 2022 18:56

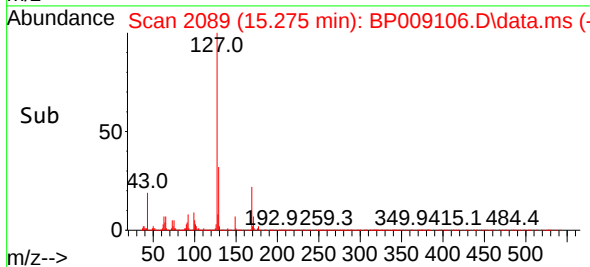
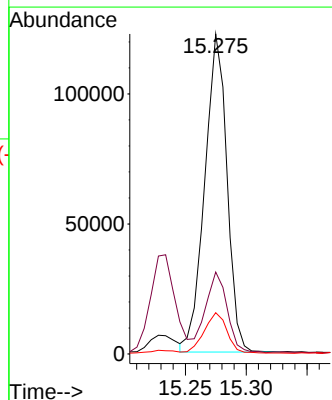
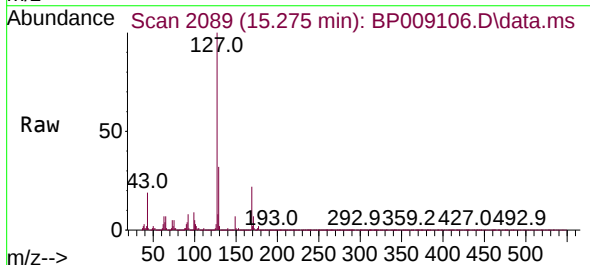
Tgt Ion:149 Resp: 155447

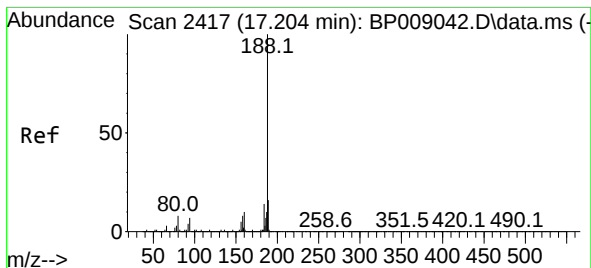
Ion Ratio Lower Upper

149 100

177 25.6 19.9 29.9

150 12.9 10.3 15.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP009106.D

Acq: 10 Feb 2022 18:56

Instrument :

BNA_P

ClientSampleId :

GROUNDWATERDL

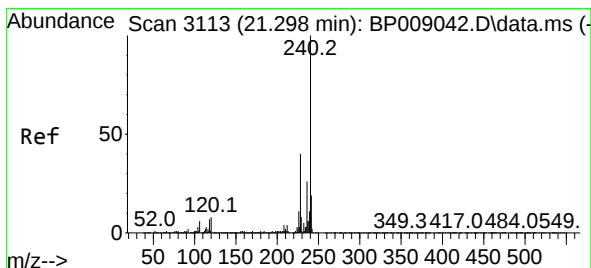
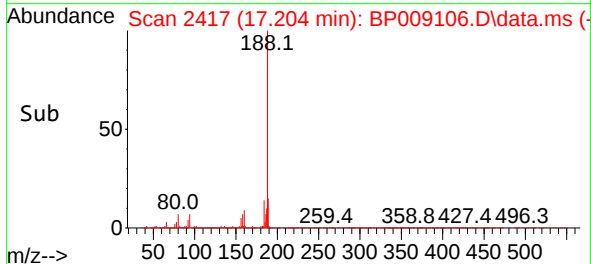
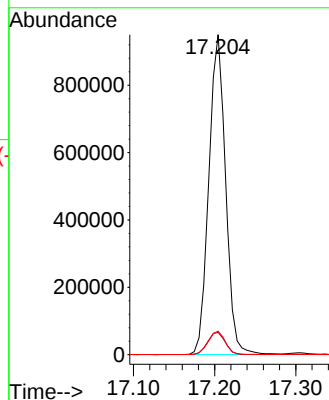
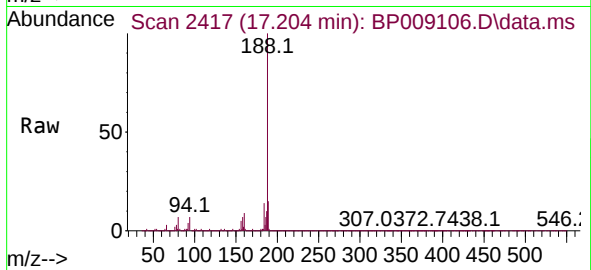
Tgt Ion:188 Resp: 1362924

Ion Ratio Lower Upper

188 100

94 7.0 6.8 10.2

80 7.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP009106.D

Acq: 10 Feb 2022 18:56

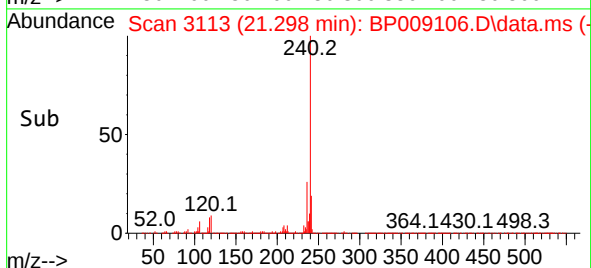
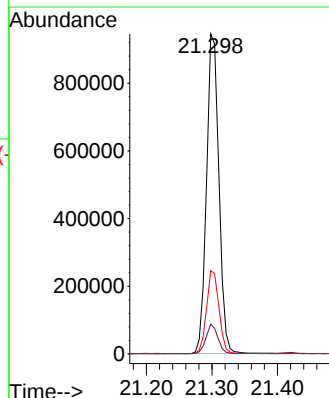
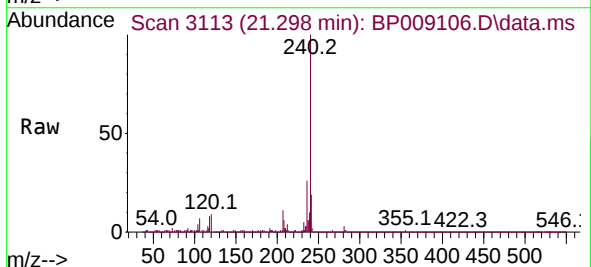
Tgt Ion:240 Resp: 1247225

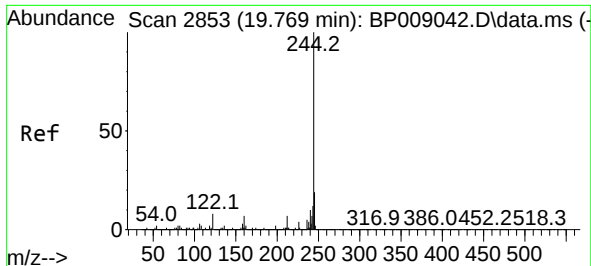
Ion Ratio Lower Upper

240 100

120 9.3 7.7 11.5

236 26.1 21.2 31.8

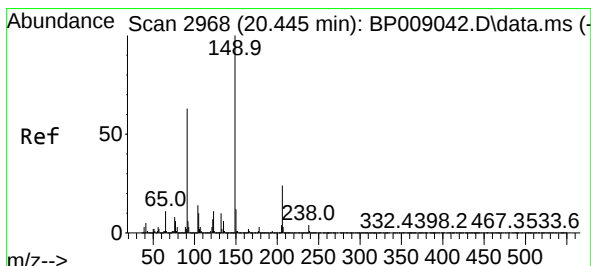
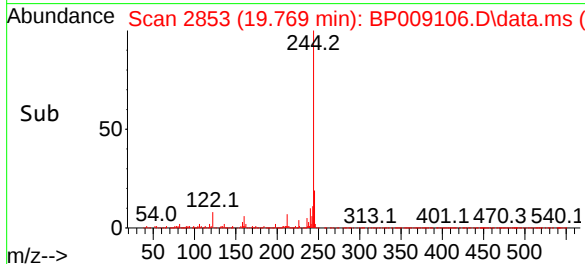
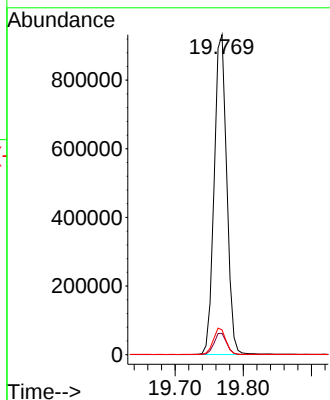
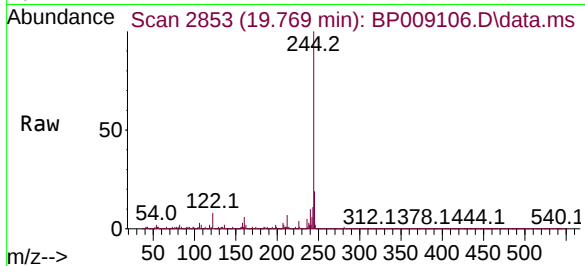




#79
 Terphenyl-d14
 Concen: 17.222 ng
 RT: 19.769 min Scan# 2853
 Delta R.T. 0.000 min
 Lab File: BP009106.D
 Acq: 10 Feb 2022 18:56

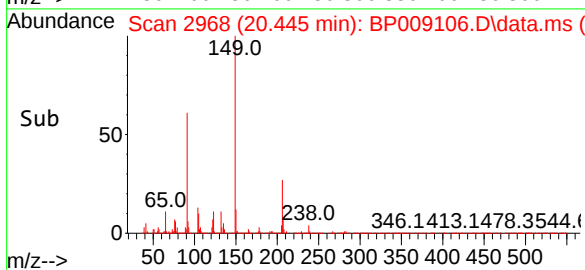
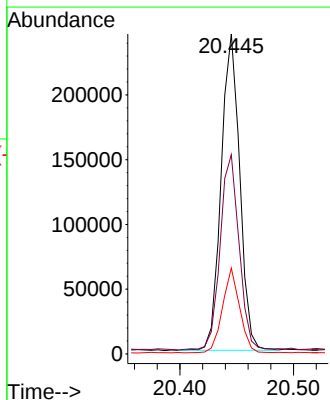
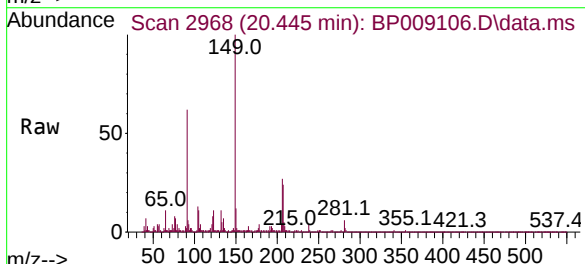
Instrument :
 BNA_P
 ClientSampleId :
 GROUNDWATERDL

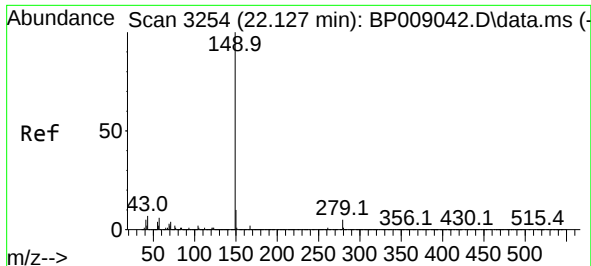
Tgt Ion:244 Resp: 1194439
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 7.8 9.2 13.8#



#80
 Butylbenzylphthalate
 Concen: 9.114 ng
 RT: 20.445 min Scan# 2968
 Delta R.T. 0.000 min
 Lab File: BP009106.D
 Acq: 10 Feb 2022 18:56

Tgt Ion:149 Resp: 278038
 Ion Ratio Lower Upper
 149 100
 91 62.3 50.6 76.0
 206 26.9 19.7 29.5

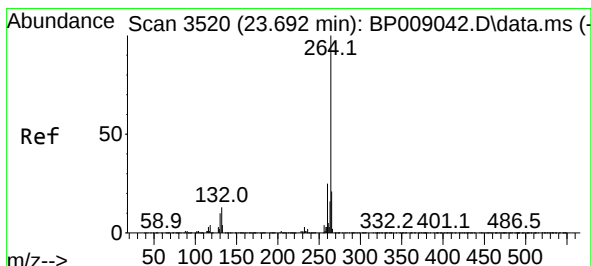
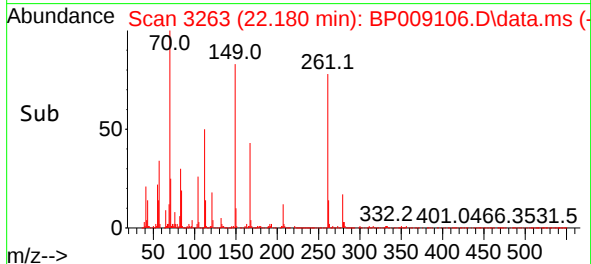
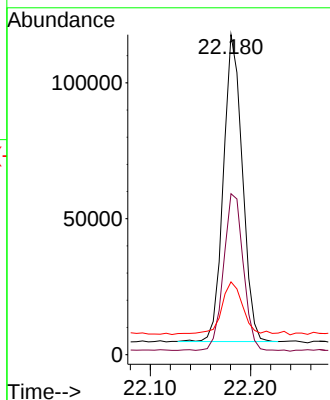
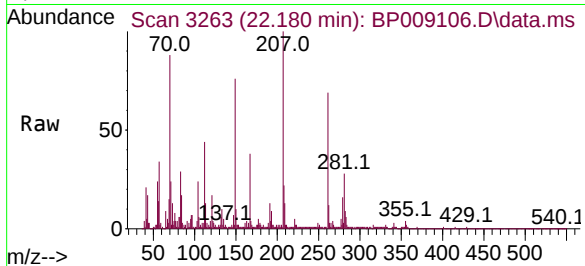




#85
Di-n-octyl phthalate
Concen: 2.289 ng
RT: 22.180 min Scan# 31
Delta R.T. 0.053 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Instrument :
BNA_P
ClientSampleId :
GROUNDWATERDL

Tgt Ion:149 Resp: 147737
Ion Ratio Lower Upper
149 100
167 54.4 1.4 2.0#
43 19.6 5.4 8.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BP009106.D
Acq: 10 Feb 2022 18:56

Tgt Ion:264 Resp: 1362243
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.7 17.1 25.7

