

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
 Data File : BG050475.D
 Acq On : 6 Oct 2021 19:51
 Operator : CG/JU
 Sample : M4088-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20211005-WATER

Quant Time: Oct 07 02:21:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

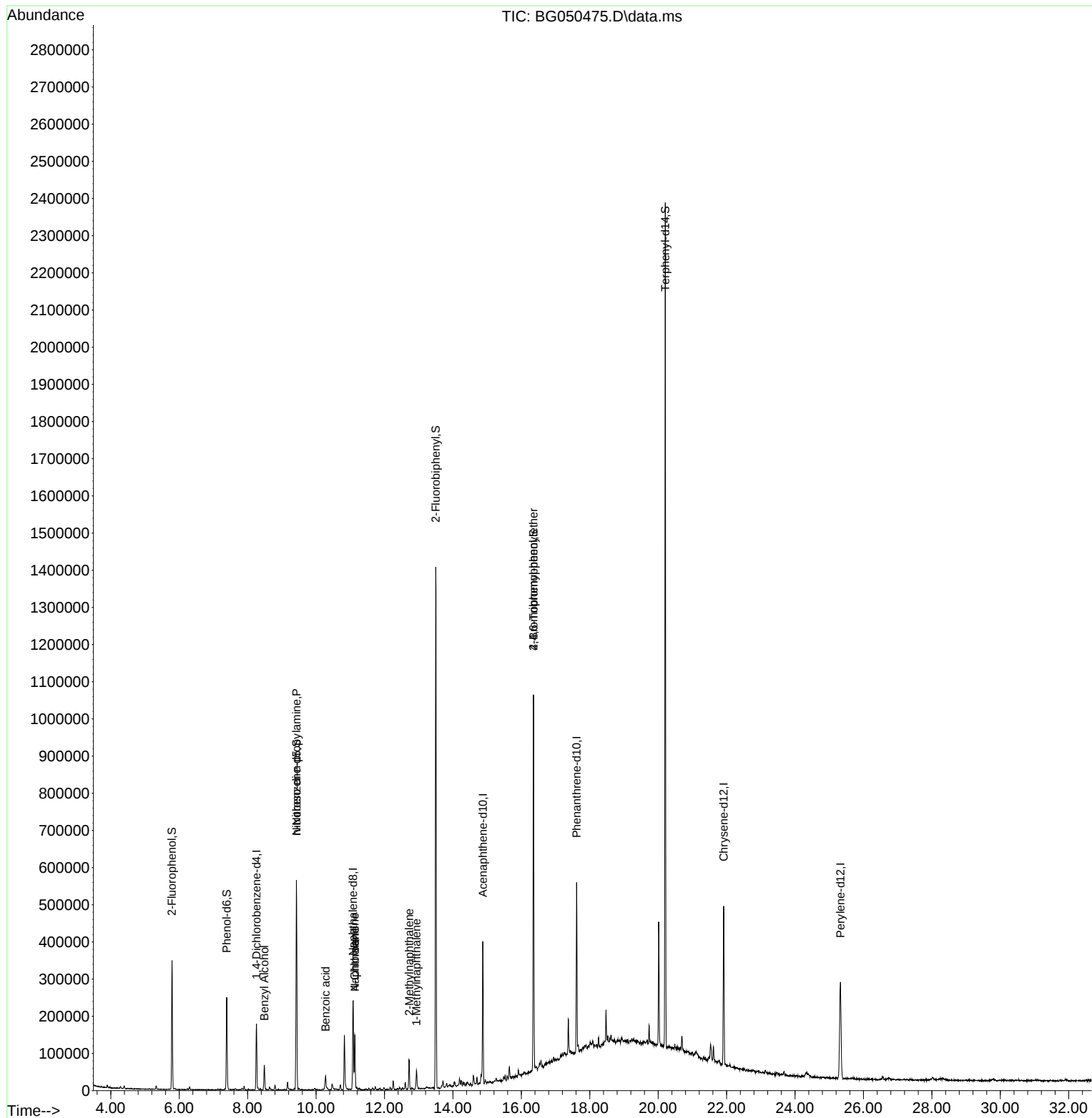
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	48230	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	200016	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	130054	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	264932	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	257450	20.000	ng	# 0.00
86) Perylene-d12	25.326	264	267086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	141955	44.018	ng	0.00
7) Phenol-d6	7.389	99	121246	25.968	ng	0.00
23) Nitrobenzene-d5	9.427	82	364849	75.510	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	145284	117.119	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	686311	79.422	ng	0.00
79) Terphenyl-d14	20.209	244	1015442	76.866	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	14239	Below Cal		94
15) Benzyl Alcohol	8.487	79	24998	6.775	ng	89
19) n-Nitroso-di-n-propyla...	9.427	70	51221	15.051	ng	# 69
31) Naphthalene	11.137	128	120221	11.229	ng	99
32) Benzoic acid	10.279	122	14066	6.218	ng	# 78
33) 4-Chloroaniline	11.131	127	16456	3.663	ng	# 33
37) 2-Methylnaphthalene	12.724	142	35915	4.862	ng	92
38) 1-Methylnaphthalene	12.935	142	21203	2.960	ng	99
67) 4-Bromophenyl-phenylether	16.355	248	12133	4.545	ng	# 1

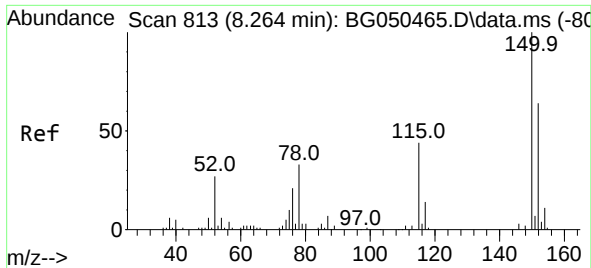
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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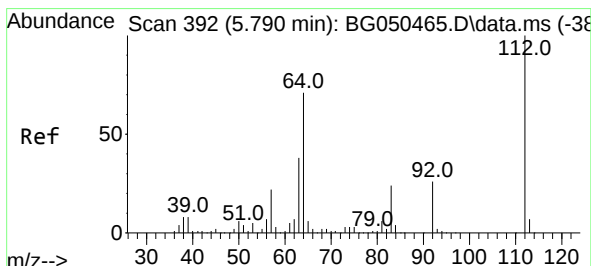
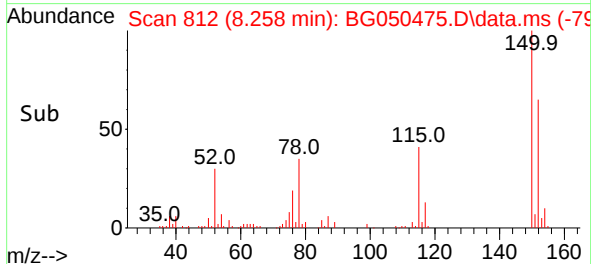
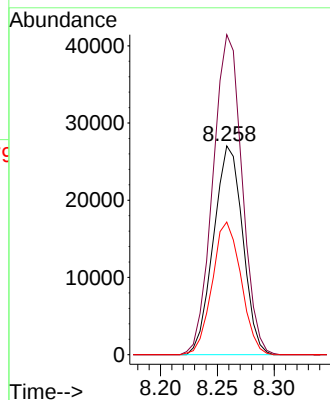
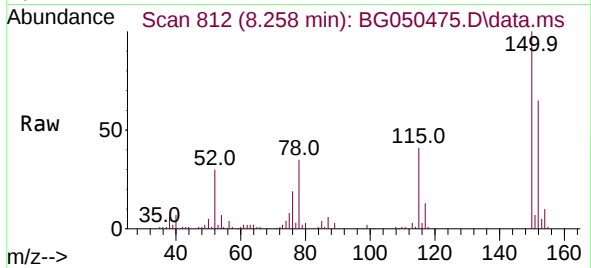




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

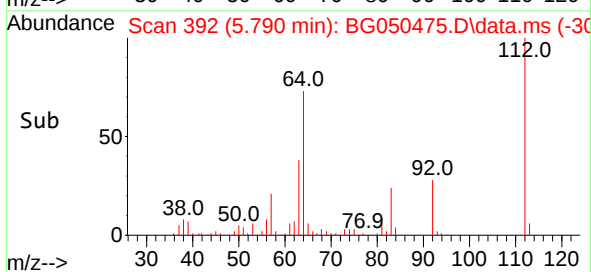
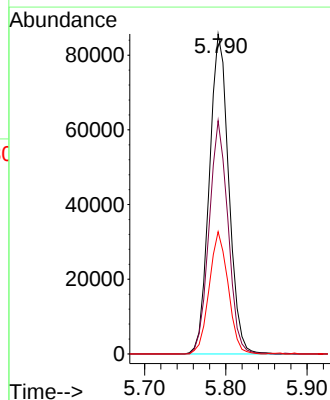
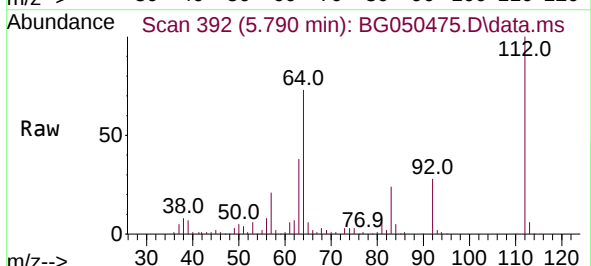
Instrument :
BNA_G
ClientSampleId :
WC-20211005-WATER

Tgt Ion:152 Resp: 48230
Ion Ratio Lower Upper
152 100
150 153.2 119.4 179.0
115 63.5 60.2 90.4



#5
2-Fluorophenol
Concen: 44.018 ng
RT: 5.790 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion:112 Resp: 141955
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 38.2 35.3 52.9

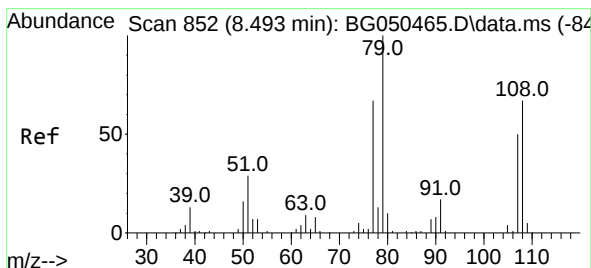
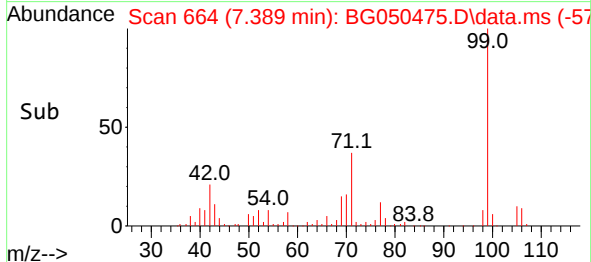
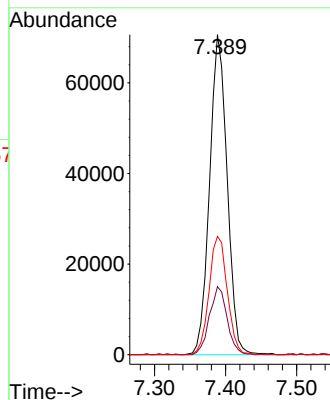
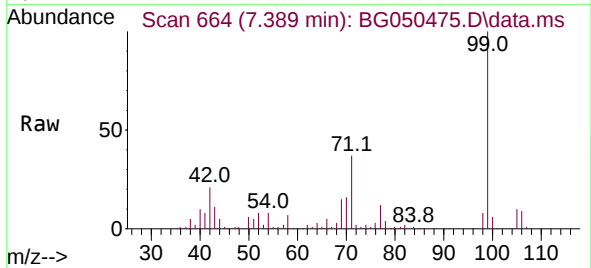




#7
Phenol-d6
Concen: 25.968 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

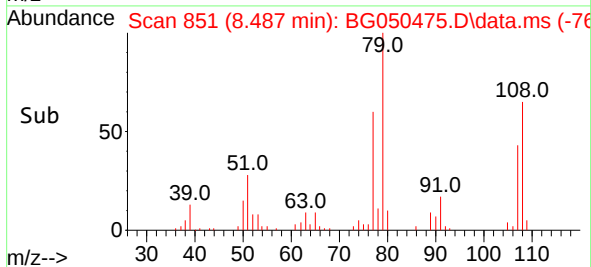
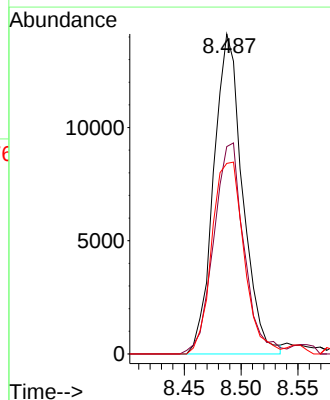
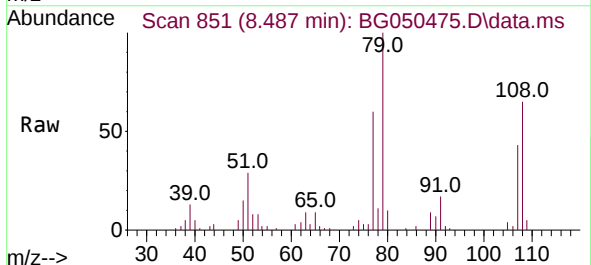
Instrument :
BNA_G
ClientSampleId :
WC-20211005-WATER

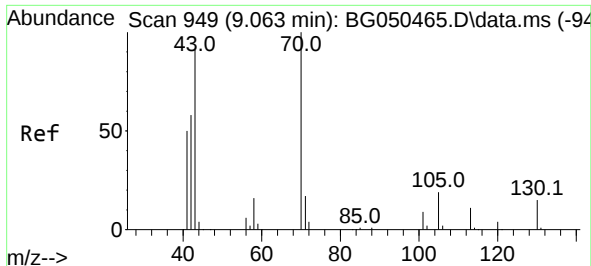
Tgt Ion: 99 Resp: 121246
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 37.0 41.5 62.3#



#15
Benzyl Alcohol
Concen: 6.775 ng
RT: 8.487 min Scan# 851
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion: 79 Resp: 24998
Ion Ratio Lower Upper
79 100
108 64.8 48.2 72.4
77 59.5 57.3 85.9

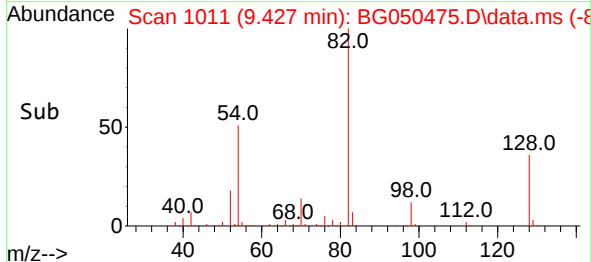
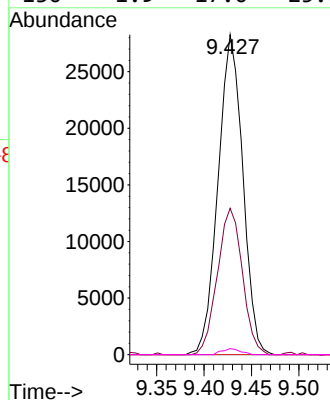
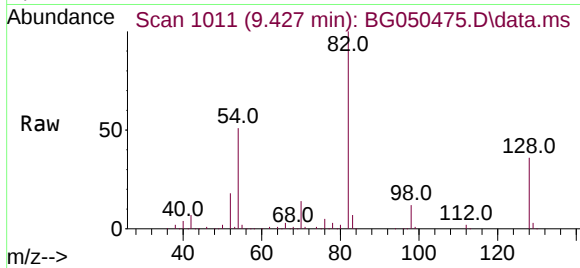




#19
n-Nitroso-di-n-propylamine
Concen: 15.051 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

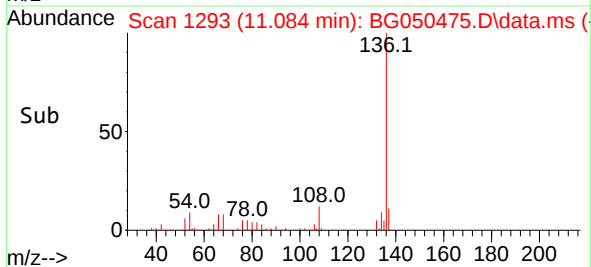
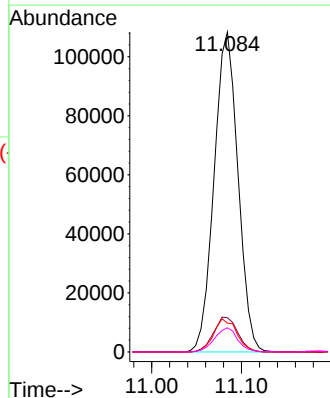
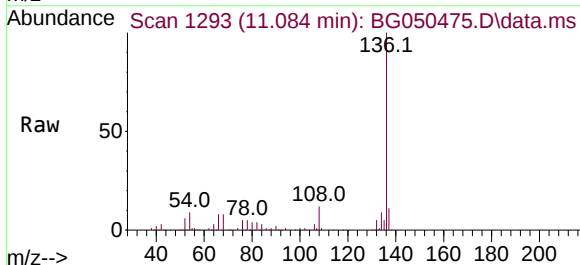
Instrument :
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ClientSampleId :
WC-20211005-WATER

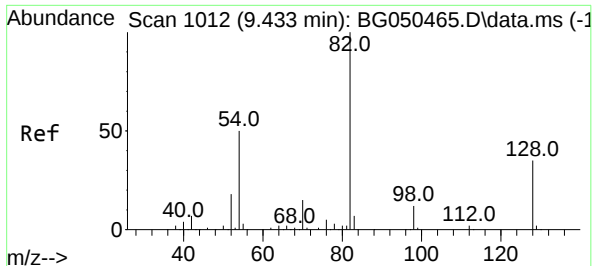
Tgt Ion:	70	Resp:	51221
Ion	Ratio	Lower	Upper
70	100		
42	45.8	54.5	81.7#
101	0.0	9.0	13.6#
130	1.9	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion:	136	Resp:	200016
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	9.0	5.5	8.3#
68	7.5	2.3	3.5#

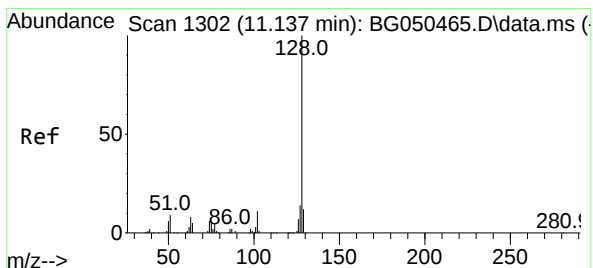
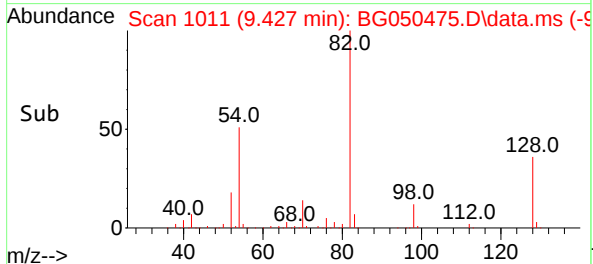
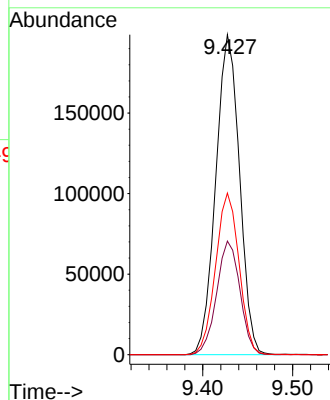
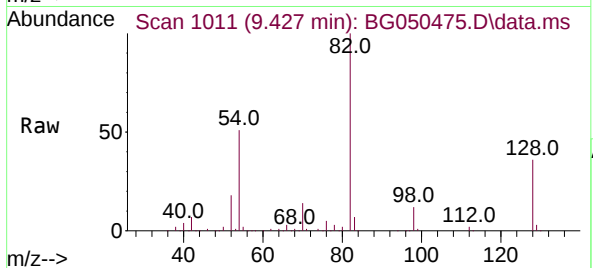




#23
Nitrobenzene-d5
Concen: 75.510 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

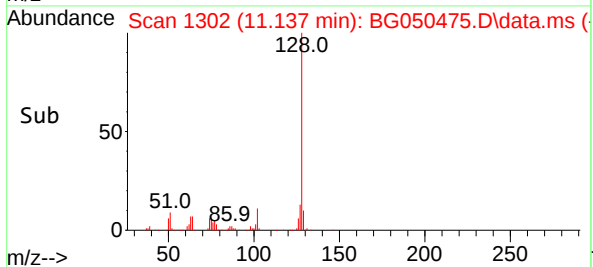
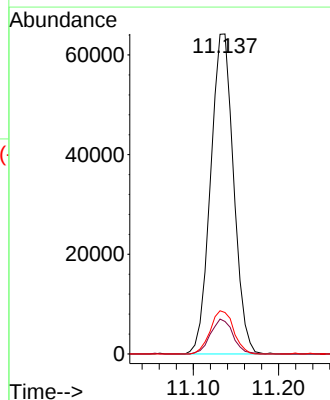
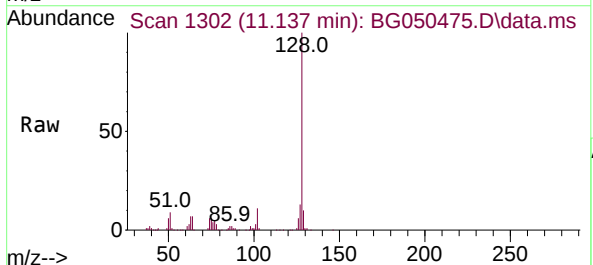
Instrument :
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ClientSampleId :
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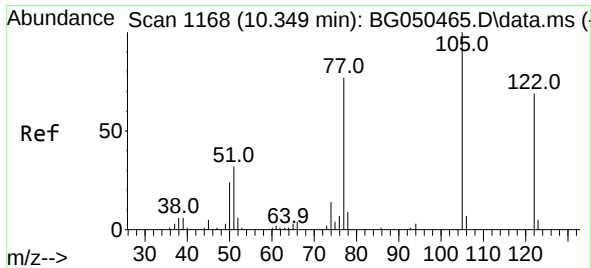
Tgt Ion: 82 Resp: 364849
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 50.5 45.8 68.8



#31
Naphthalene
Concen: 11.229 ng
RT: 11.137 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion: 128 Resp: 120221
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 12.9 10.2 15.4

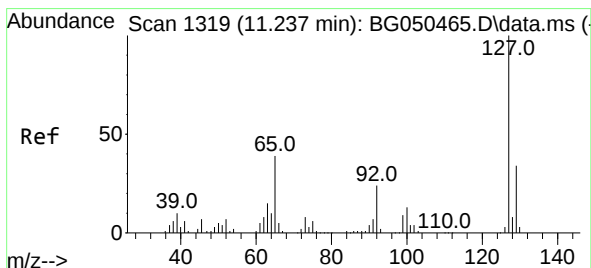
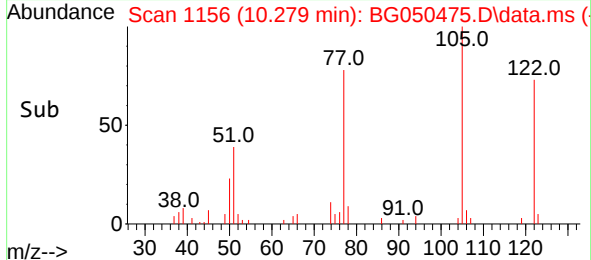
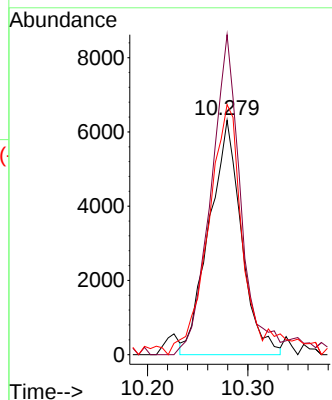
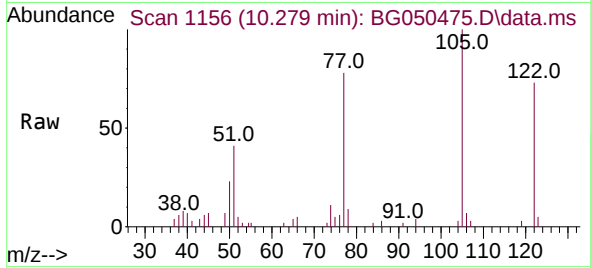




#32
Benzoic acid
Concen: 6.218 ng
RT: 10.279 min Scan# 1156
Delta R.T. -0.070 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

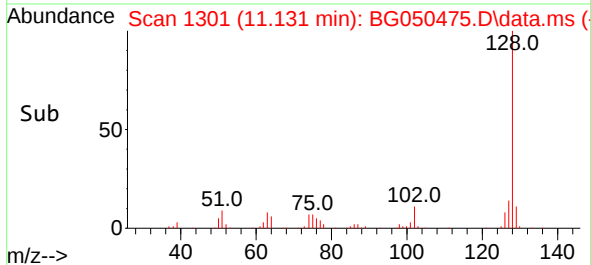
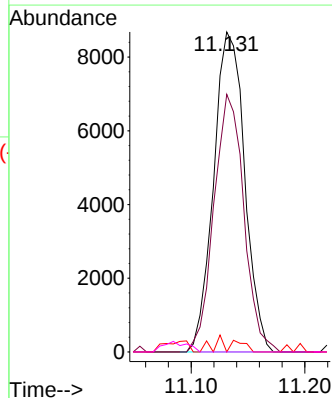
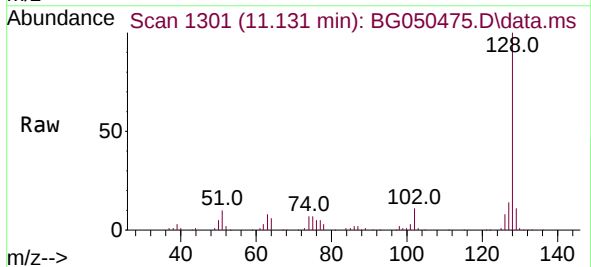
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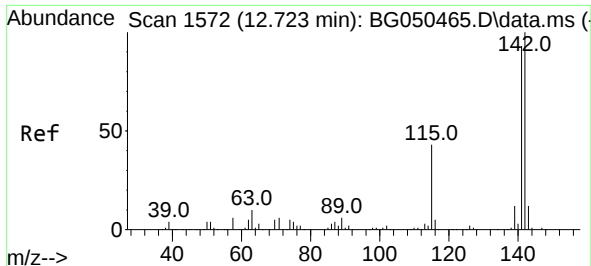
Tgt Ion:	122	Resp:	14066
Ion	Ratio	Lower	Upper
122	100		
105	136.5	92.3	132.3#
77	106.7	66.5	106.5#



#33
4-Chloroaniline
Concen: 3.663 ng
RT: 11.131 min Scan# 1301
Delta R.T. -0.105 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion:	127	Resp:	16456
Ion	Ratio	Lower	Upper
127	100		
129	80.5	26.7	40.1#
65	0.0	32.8	49.2#
92	0.0	16.2	24.4#

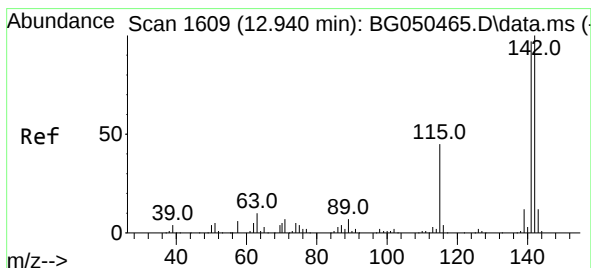
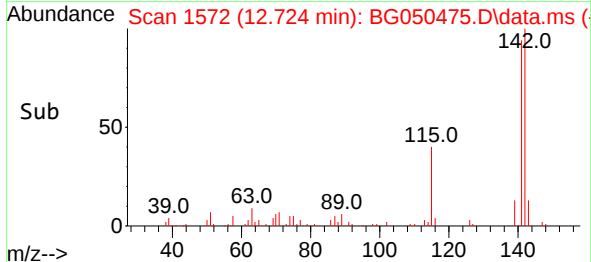
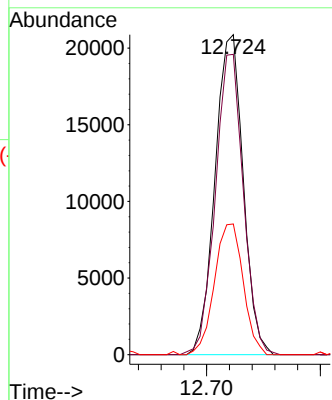
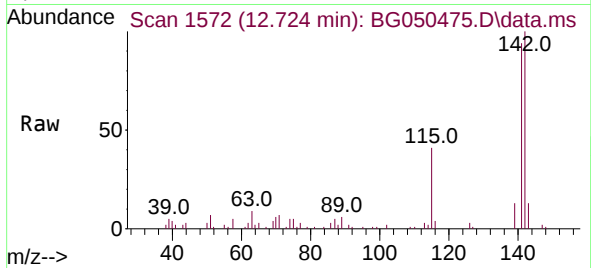




#37
2-Methylnaphthalene
Concen: 4.862 ng
RT: 12.724 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

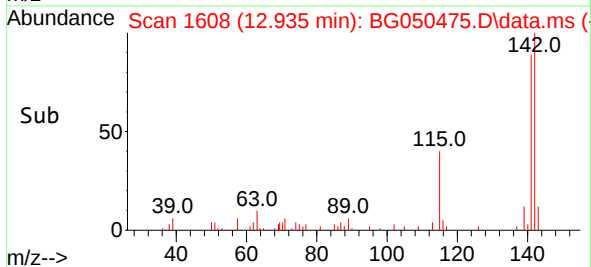
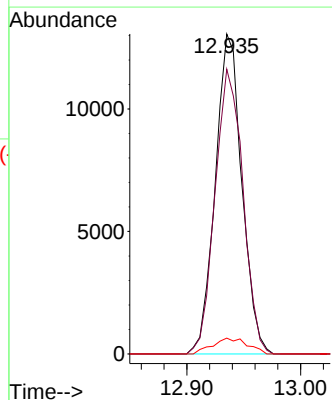
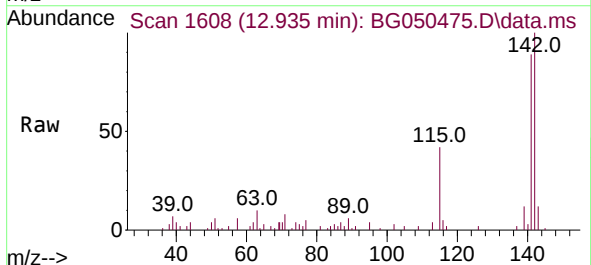
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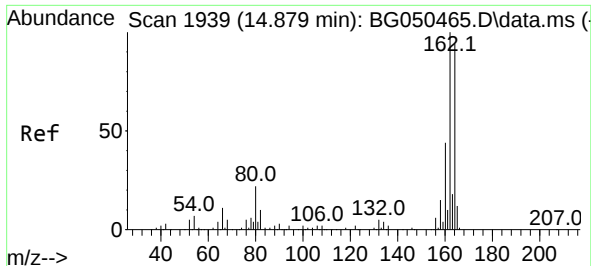
Tgt Ion:142 Resp: 35915
Ion Ratio Lower Upper
142 100
141 93.8 68.8 103.2
115 40.8 36.4 54.6



#38
1-Methylnaphthalene
Concen: 2.960 ng
RT: 12.935 min Scan# 1608
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

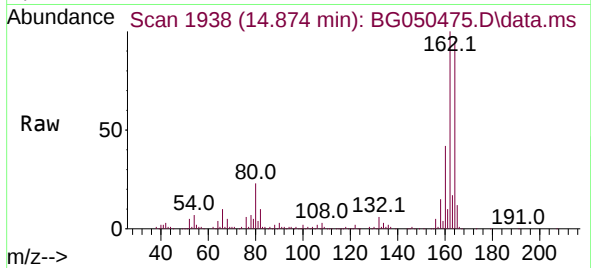
Tgt Ion:142 Resp: 21203
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0
116 4.9 4.0 6.0



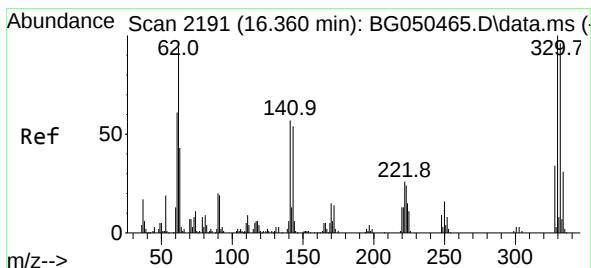
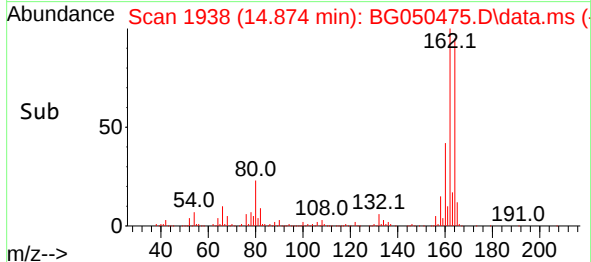
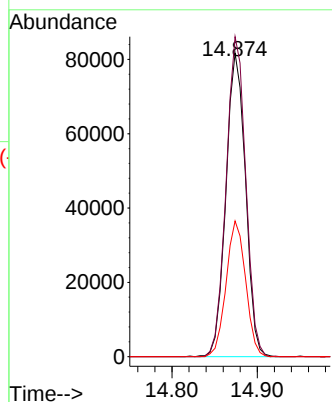


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Instrument :
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ClientSampleId :
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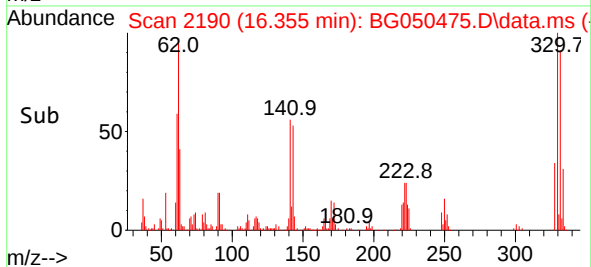
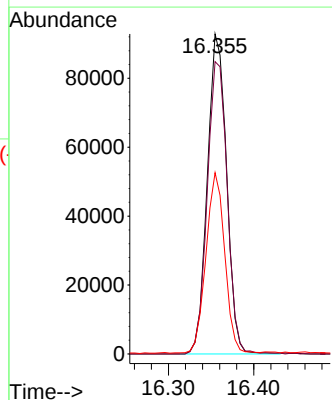
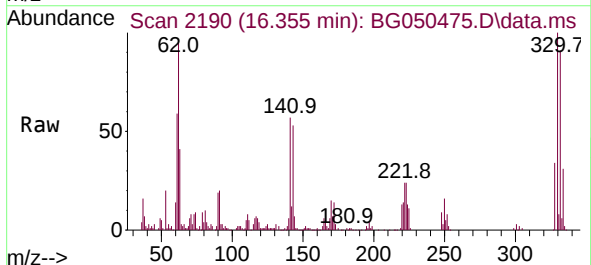


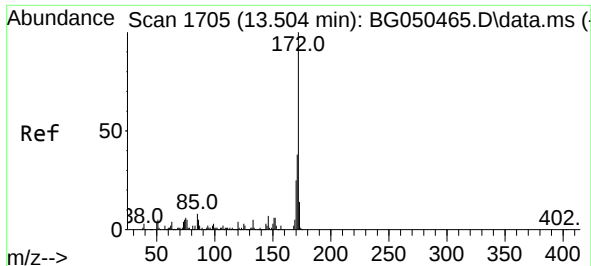
Tgt Ion:164 Resp: 130054
Ion Ratio Lower Upper
164 100
162 105.4 81.4 122.0
160 44.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 117.119 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion:330 Resp: 145284
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 54.7 35.6 53.4#

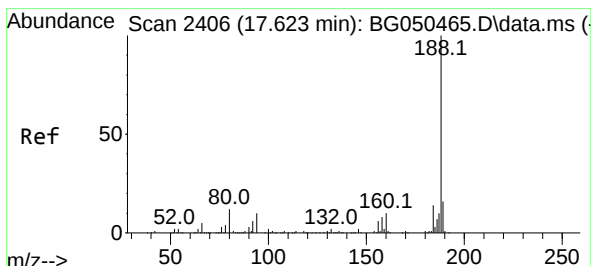
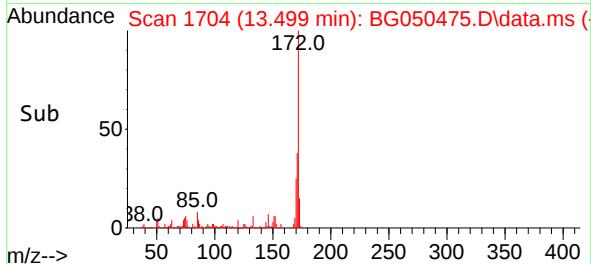
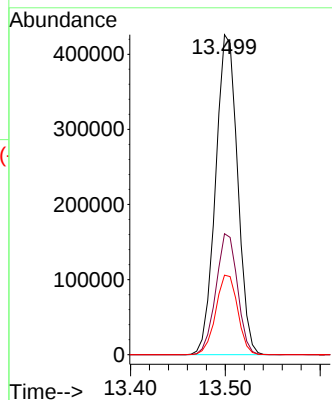
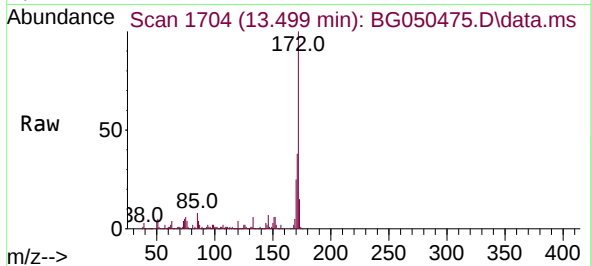




#45
2-Fluorobiphenyl
Concen: 79.422 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

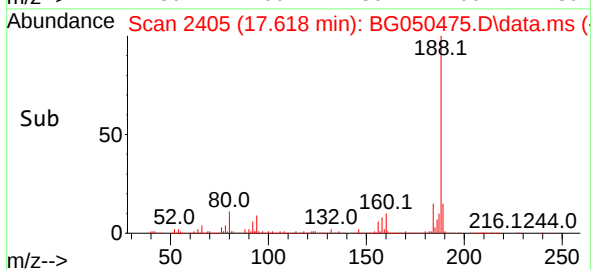
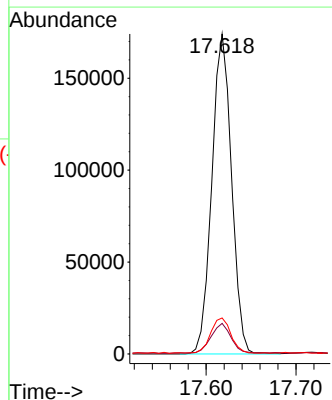
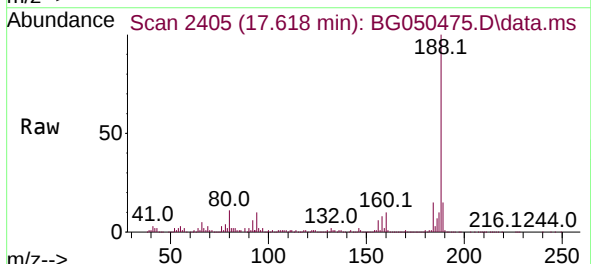
Instrument :
BNA_G
ClientSampleId :
WC-20211005-WATER

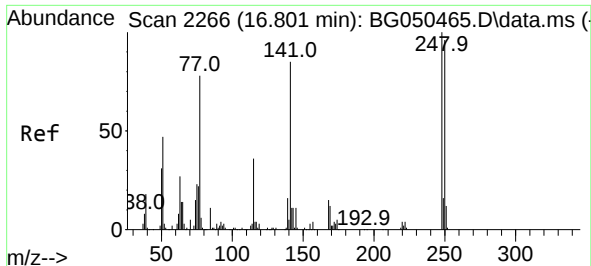
Tgt Ion:172 Resp: 686311
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.9 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion:188 Resp: 264932
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.3 3.7 5.5#

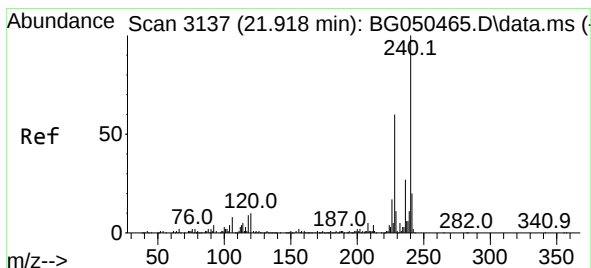
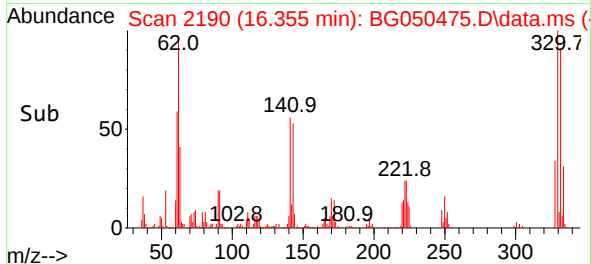
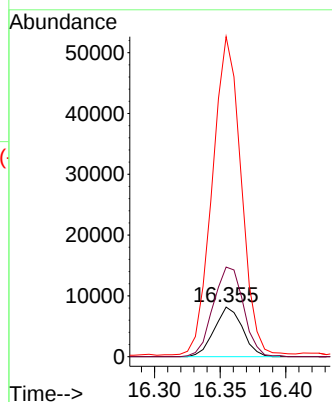
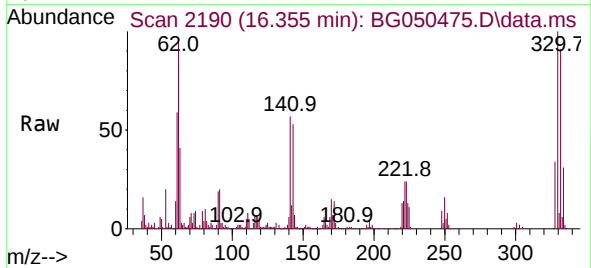




#67
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

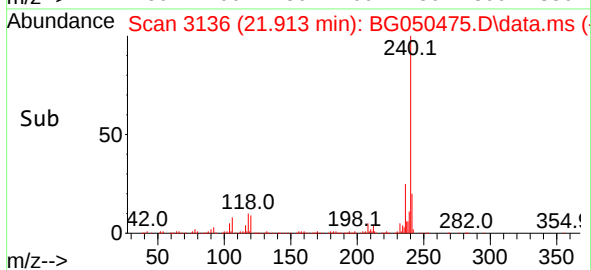
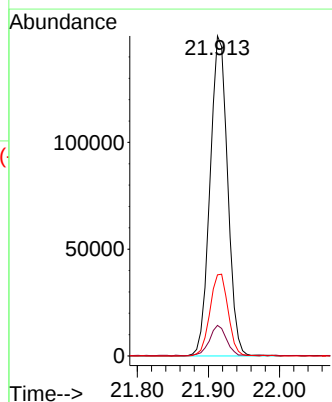
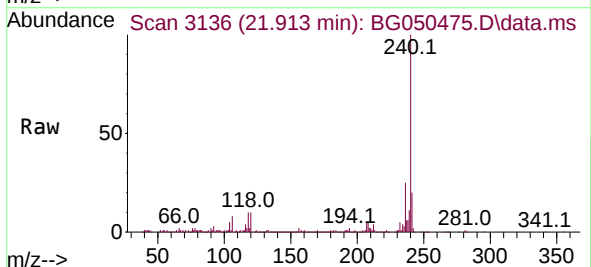
Instrument :
BNA_G
ClientSampleId :
WC-20211005-WATER

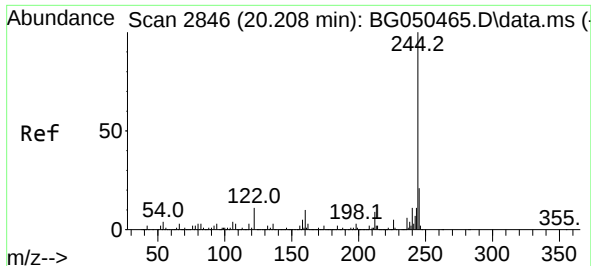
Tgt Ion:248 Resp: 12133
Ion Ratio Lower Upper
248 100
250 180.3 76.1 114.1#
141 644.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG050475.D
Acq: 6 Oct 2021 19:51

Tgt Ion:240 Resp: 257450
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 25.4 21.8 32.6

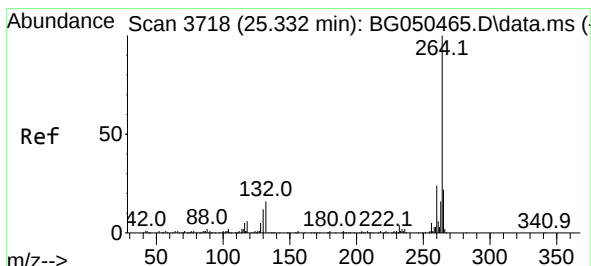
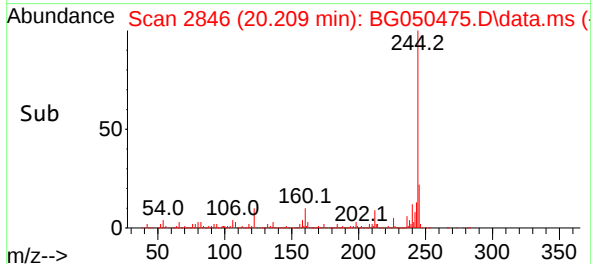
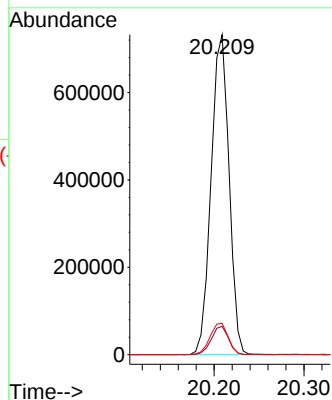
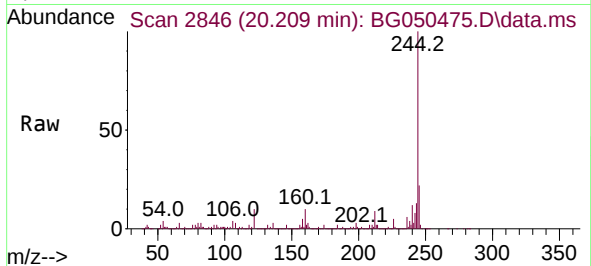




#79
 Terphenyl-d14
 Concen: 76.866 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.000 min
 Lab File: BG050475.D
 Acq: 6 Oct 2021 19:51

Instrument :
 BNA_G
 ClientSampleId :
 WC-20211005-WATER

Tgt Ion:244 Resp: 1015442
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 9.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050475.D
 Acq: 6 Oct 2021 19:51

Tgt Ion:264 Resp: 267086
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 21.6 16.9 25.3

