

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049837.D
 Acq On : 13 Aug 2021 16:35
 Operator : CG/JU
 Sample : M3316-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Quant Time: Aug 13 18:47:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	27137	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	108373	20.000	ng	#-0.01
39) Acenaphthene-d10	14.684	164	73557	20.000	ng	-0.01
64) Phenanthrene-d10	17.439	188	179937	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	162158	20.000	ng	0.00
86) Perylene-d12	25.000	264	164007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.591	112	104795	69.225	ng	0.00
7) Phenol-d6	7.194	99	91332	39.856	ng	0.00
23) Nitrobenzene-d5	9.203	82	205310	83.833	ng	-0.01
42) 2,4,6-Tribromophenol	16.182	330	182056	168.385	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	438167	86.677	ng	-0.01
79) Terphenyl-d14	20.048	244	844966	94.638	ng	0.00

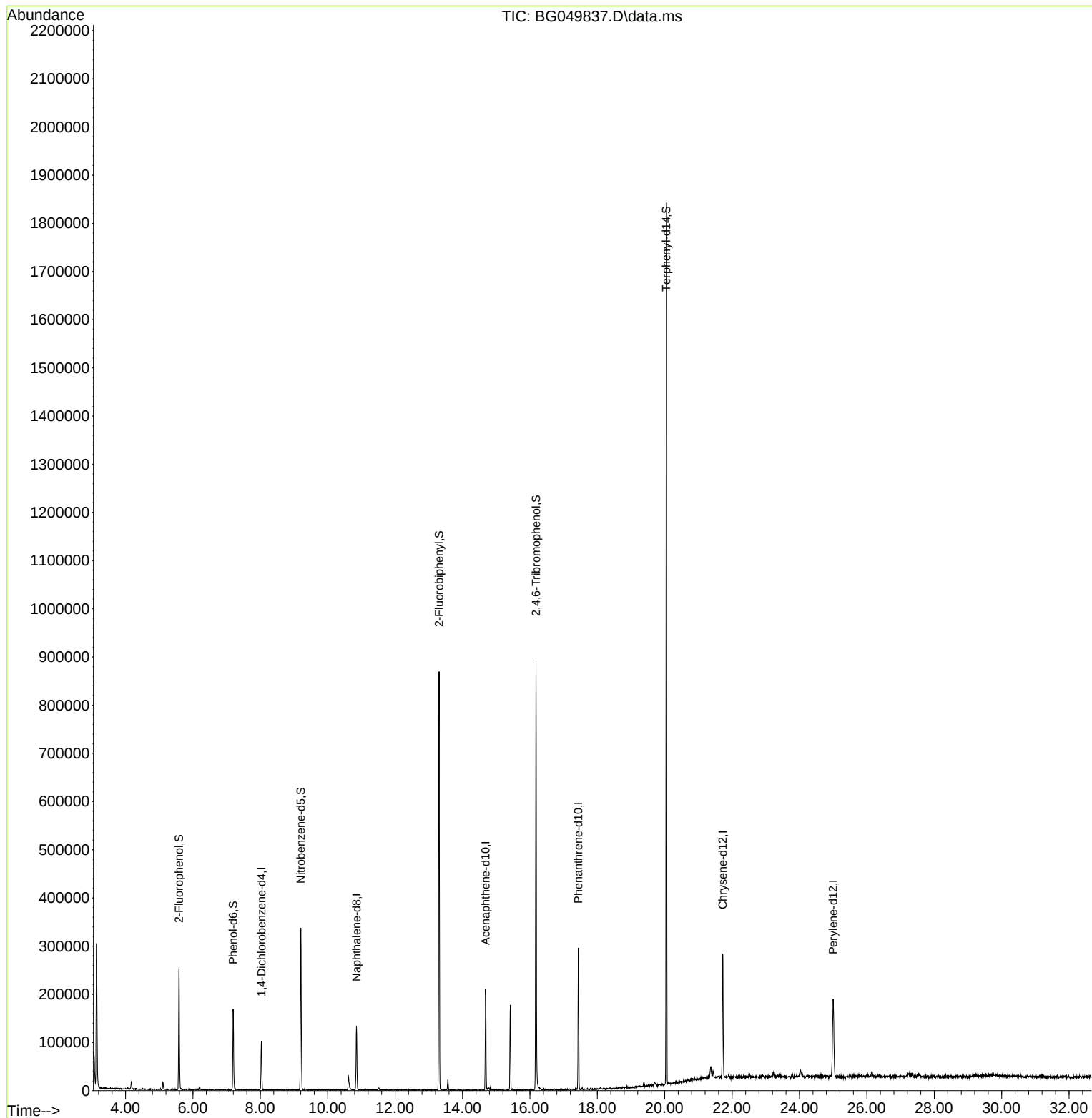
Target Compounds	Qvalue

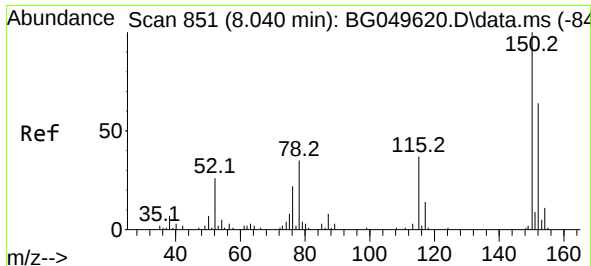
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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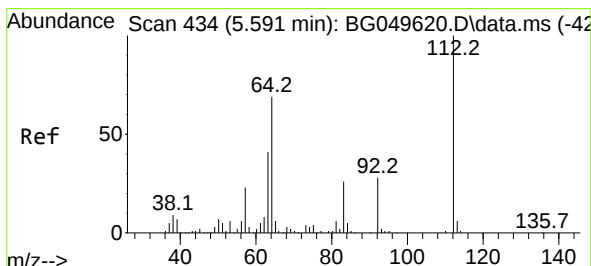
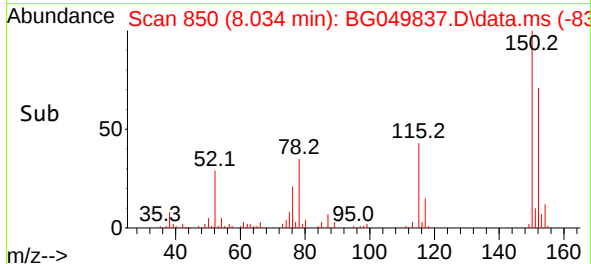
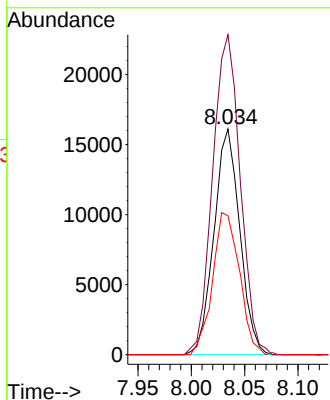
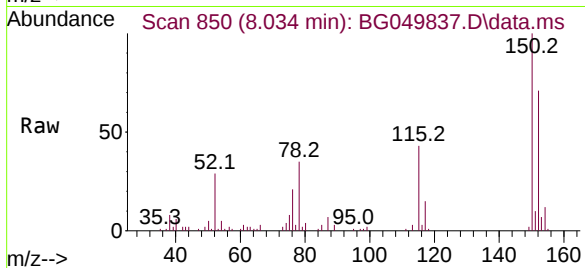




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 850
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

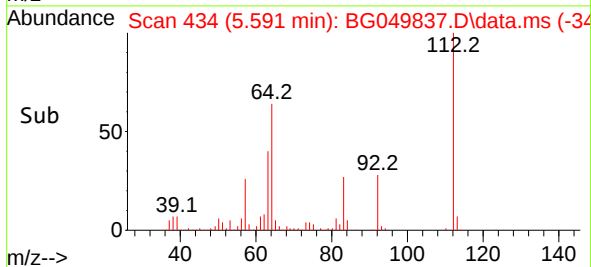
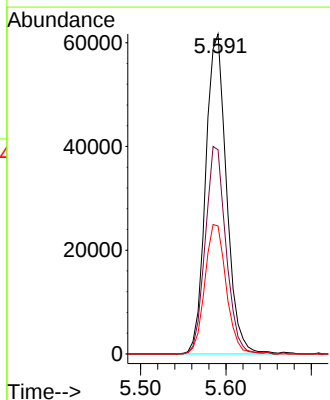
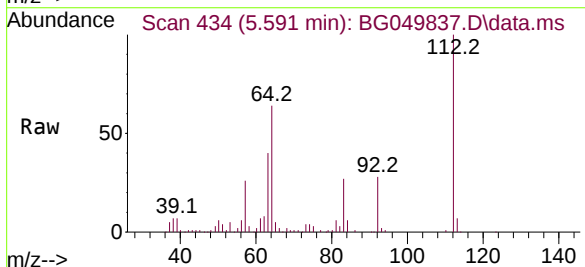
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

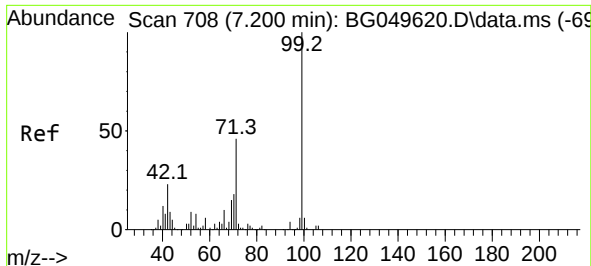
Tgt Ion:152 Resp: 27137
Ion Ratio Lower Upper
152 100
150 141.8 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 69.225 ng
RT: 5.591 min Scan# 434
Delta R.T. 0.000 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:112 Resp: 104795
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 40.0 35.3 52.9

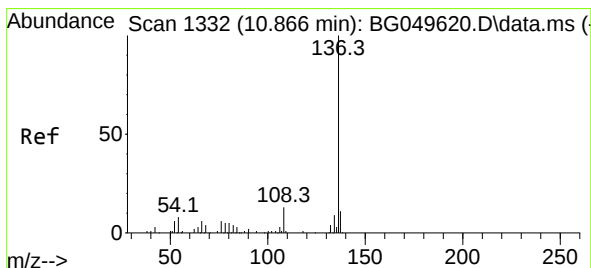
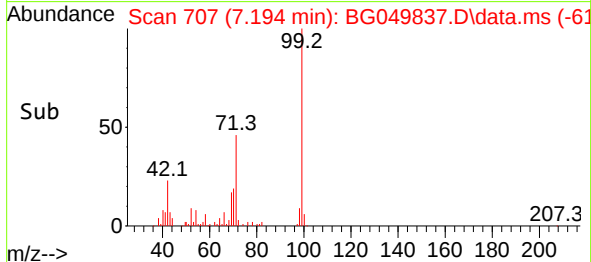
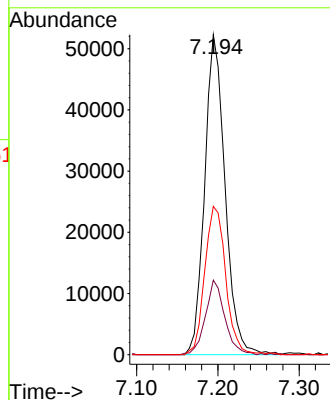
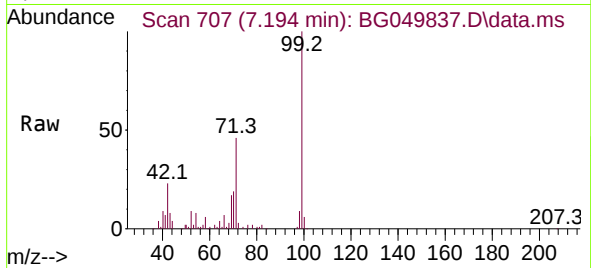




#7
Phenol-d6
Concen: 39.856 ng
RT: 7.194 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

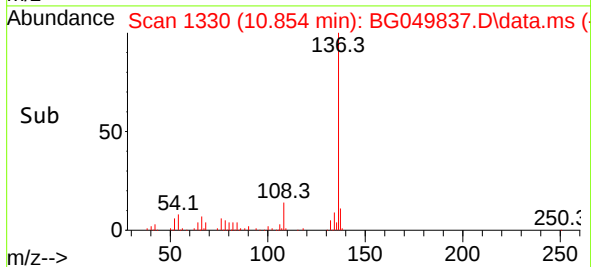
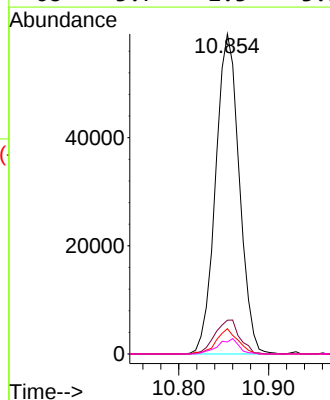
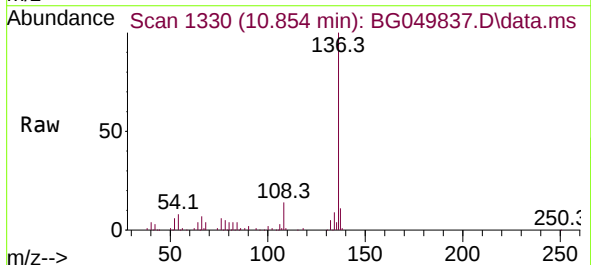
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

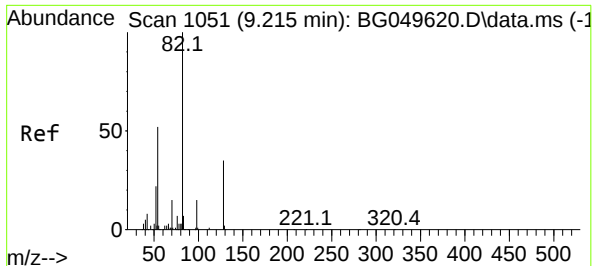
Tgt Ion: 99 Resp: 91332
Ion Ratio Lower Upper
99 100
42 23.3 20.5 30.7
71 46.4 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion: 136 Resp: 108373
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.9 5.5 8.3
68 3.7 2.3 3.5#

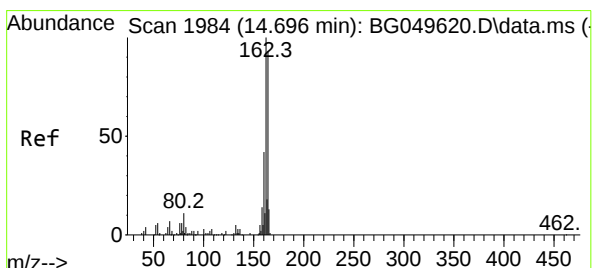
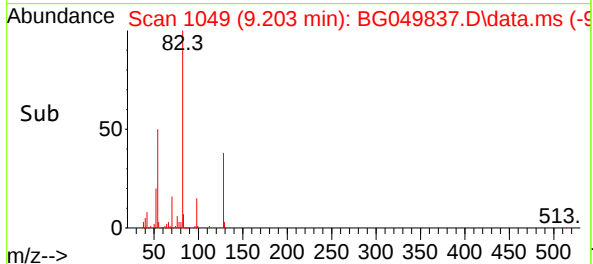
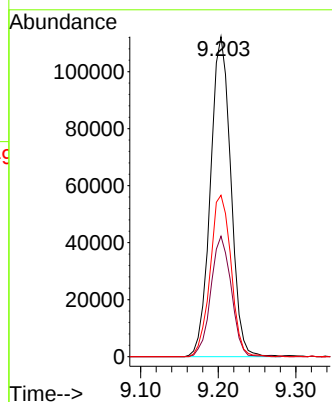
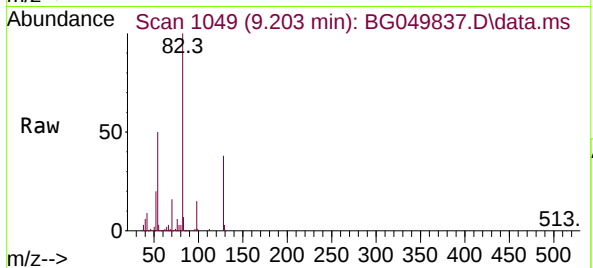




#23
Nitrobenzene-d5
Concen: 83.833 ng
RT: 9.203 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

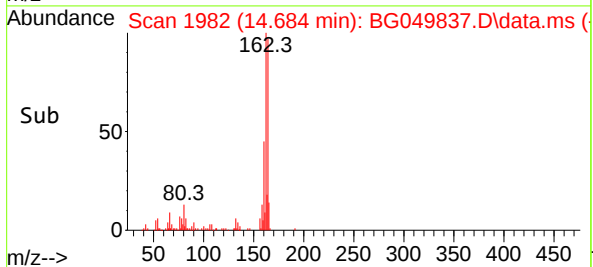
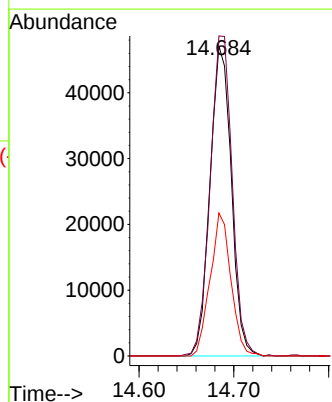
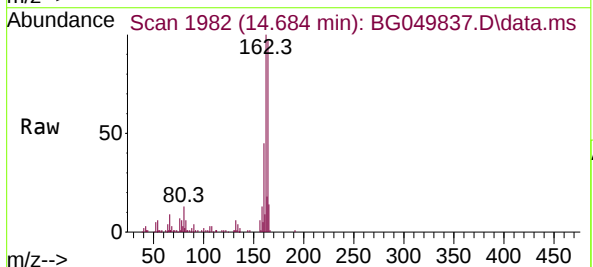
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

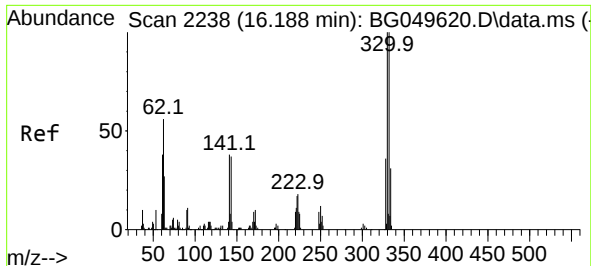
Tgt Ion: 82 Resp: 205310
Ion Ratio Lower Upper
82 100
128 37.6 29.8 44.6
54 50.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:164 Resp: 73557
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 46.1 34.9 52.3

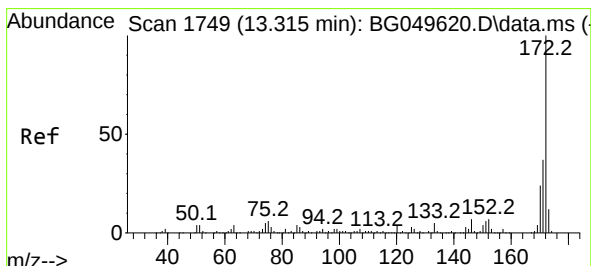
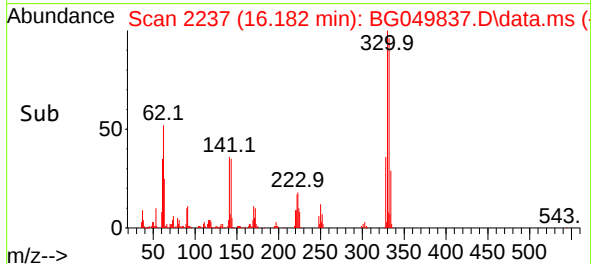
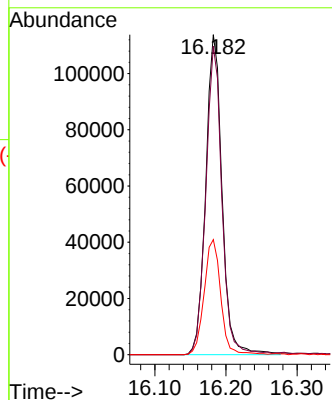
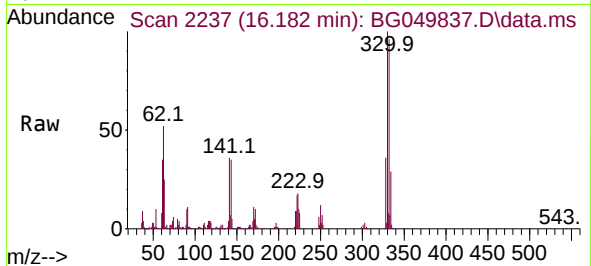




#42
2,4,6-Tribromophenol
Concen: 168.385 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

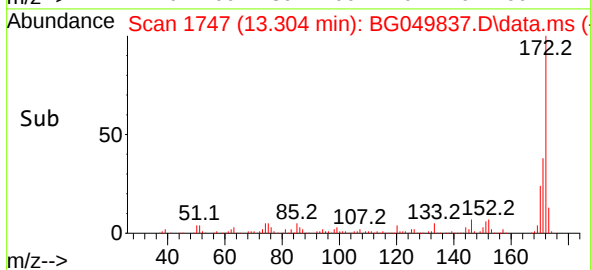
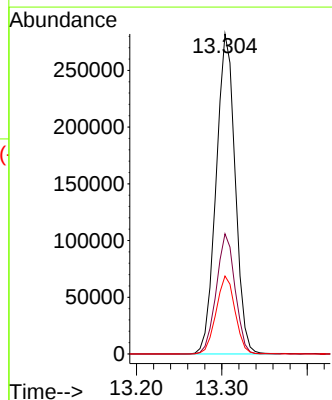
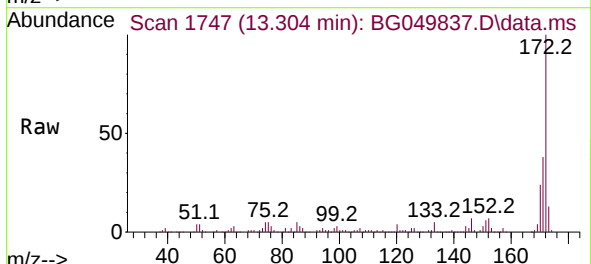
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

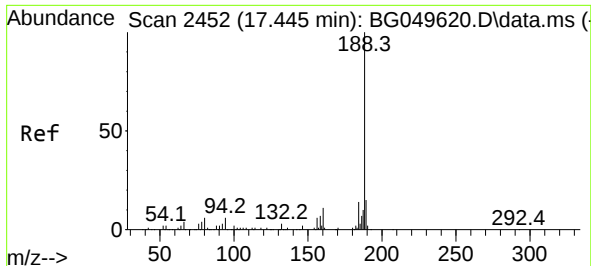
Tgt Ion:330 Resp: 182056
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 36.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 86.677 ng
RT: 13.304 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:172 Resp: 438167
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 24.4 18.6 27.8

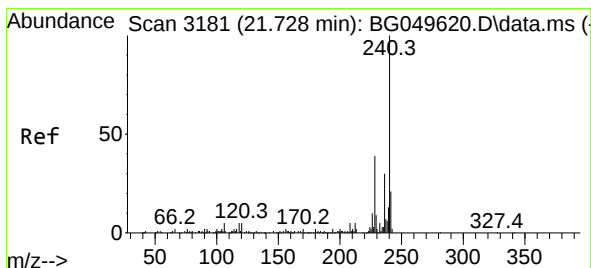
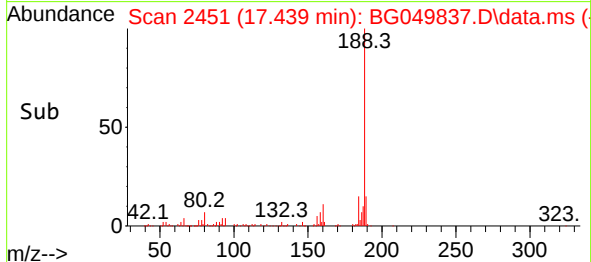
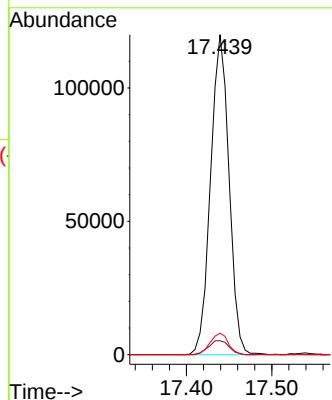
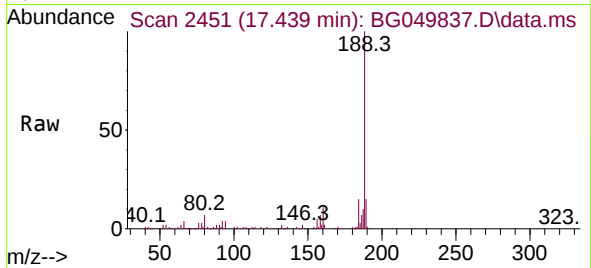




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

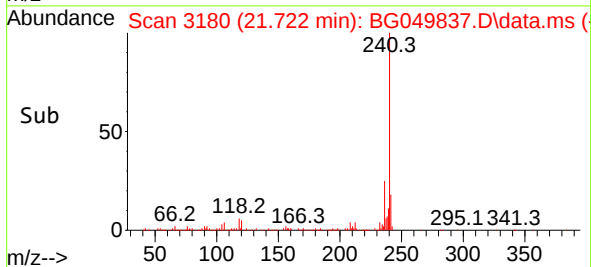
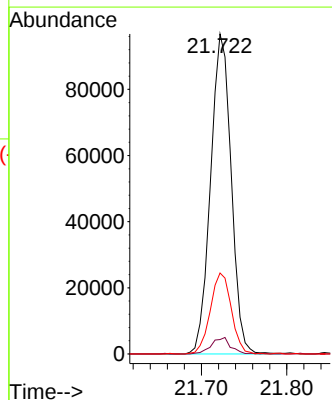
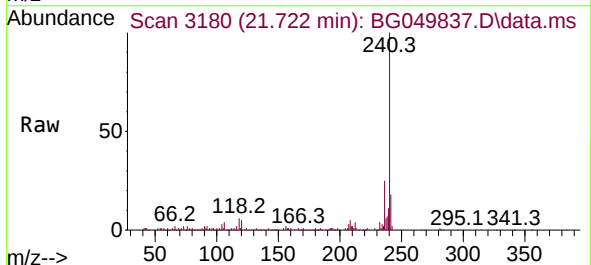
Instrument :
BNA_G
ClientSampleId :
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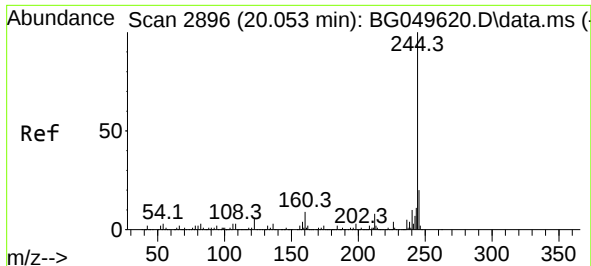
Tgt Ion:188 Resp: 179937
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 6.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:240 Resp: 162158
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 25.3 21.8 32.6

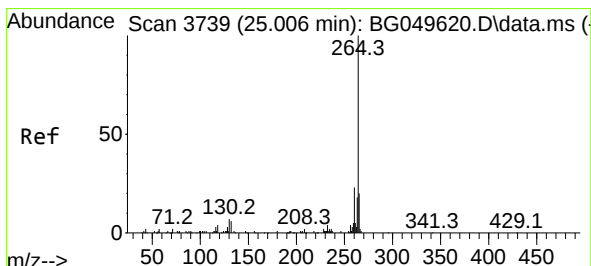
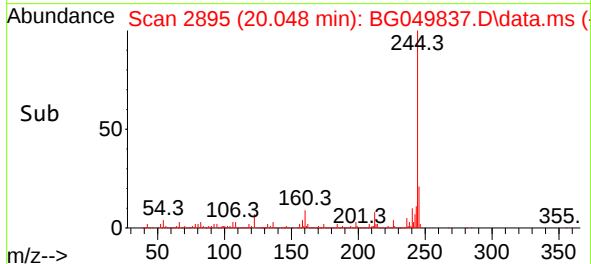
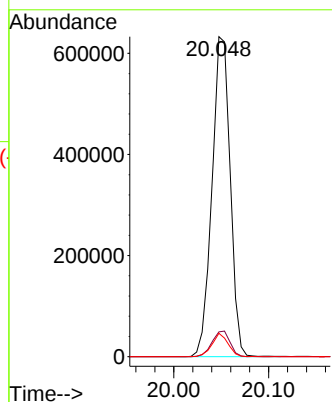
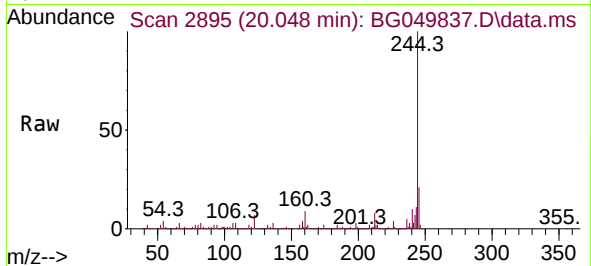




#79
 Terphenyl-d14
 Concen: 94.638 ng
 RT: 20.048 min Scan# 2895
 Delta R.T. -0.006 min
 Lab File: BG049837.D
 Acq: 13 Aug 2021 16:35

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Tgt Ion:244 Resp: 844966
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 7.3 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.000 min Scan# 3738
 Delta R.T. -0.006 min
 Lab File: BG049837.D
 Acq: 13 Aug 2021 16:35

Tgt Ion:264 Resp: 164007
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 22.1 16.9 25.3

