

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
 Data File : BG050648.D
 Acq On : 20 Oct 2021 16:45
 Operator : CG/JU
 Sample : M4287-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EXC-SOIL-A

Quant Time: Oct 20 17:49:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	40047	20.00	ng	-0.01
21) Naphthalene-d8	11.073	136	157723	20.00	ng	#-0.01
39) Acenaphthene-d10	14.868	164	102424	20.00	ng	0.00
64) Phenanthrene-d10	17.612	188	224099	20.00	ng	# 0.00
76) Chrysene-d12	21.907	240	224226	20.00	ng	#-0.02
86) Perylene-d12	25.315	264	218122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	258172	96.41	ng	0.00
7) Phenol-d6	7.389	99	346369	89.34	ng	-0.01
23) Nitrobenzene-d5	9.422	82	245159	64.34	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	90969	93.12	ng	-0.01
45) 2-Fluorobiphenyl	13.493	172	436087	64.08	ng	-0.01
79) Terphenyl-d14	20.197	244	697154	60.59	ng	-0.01

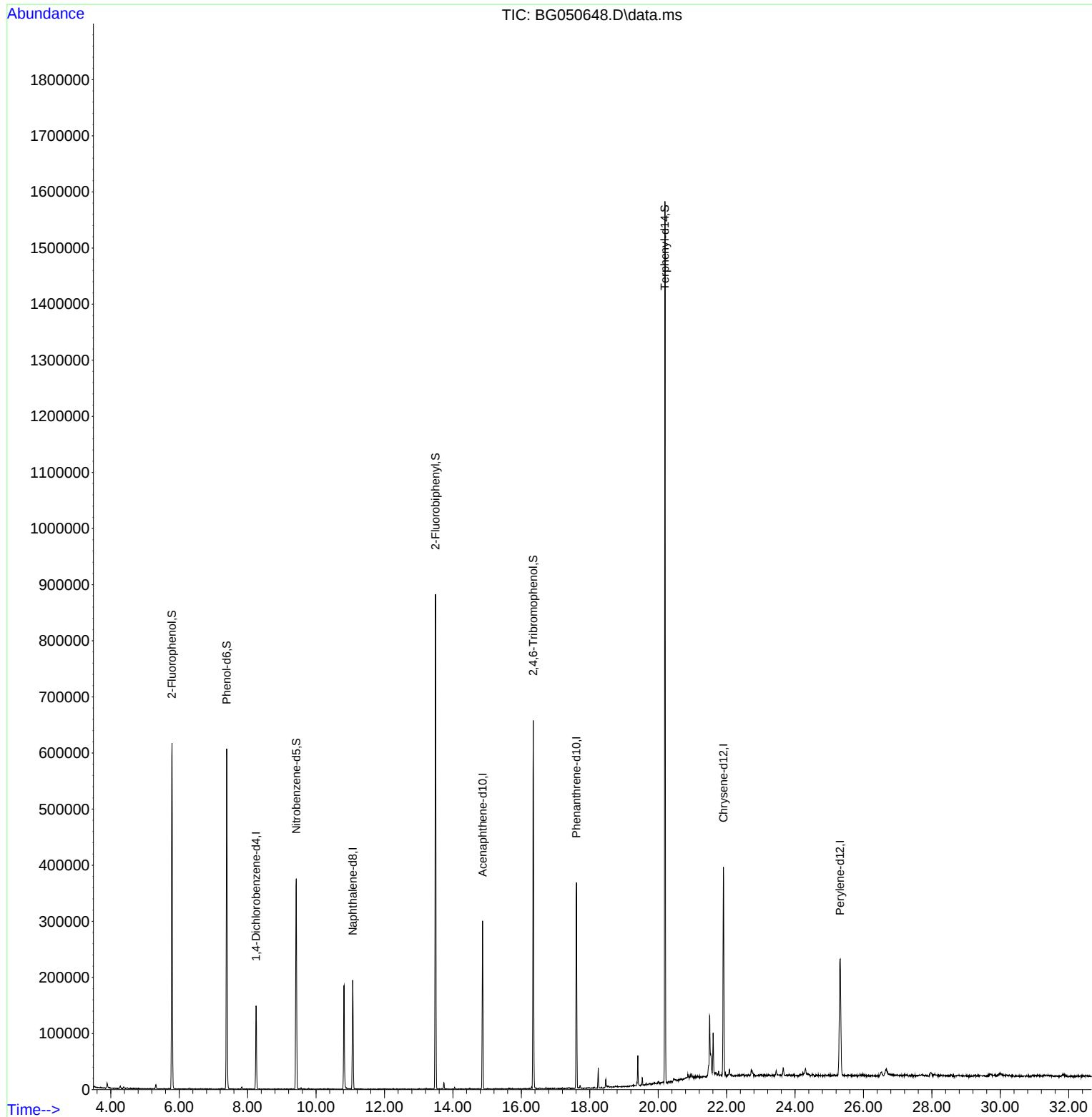
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

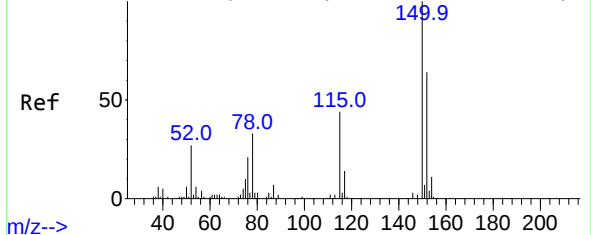
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
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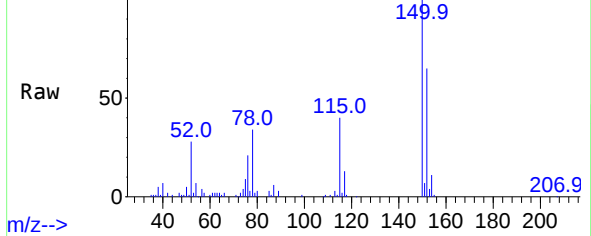
Quant Time: Oct 20 17:49:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration



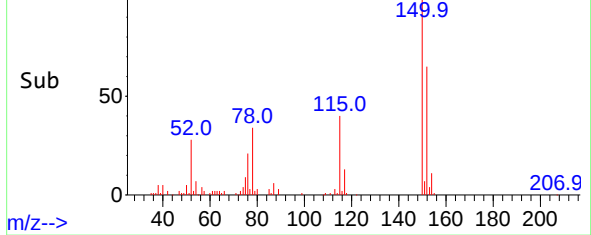
Abundance Scan 813 (8.264 min): BG050465.D\data.ms (-80



m/z--> Scan 810 (8.247 min): BG050648.D\data.ms



Abundance Scan 810 (8.247 min): BG050648.D\data.ms (-79

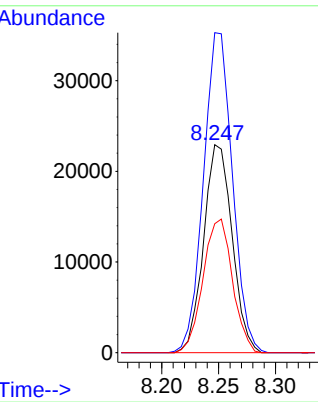


m/z-->

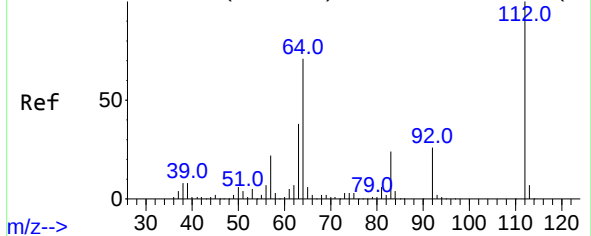
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.247 min Scan# 810
Delta R.T. -0.011 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

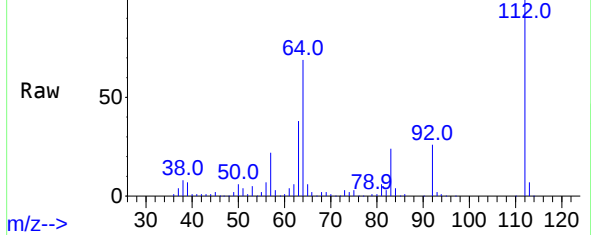
Tgt Ion:	152	Resp:	40047
Ion Ratio	Lower	Upper	
152	100		
150	153.8	119.4	179.0
115	62.0	60.2	90.4



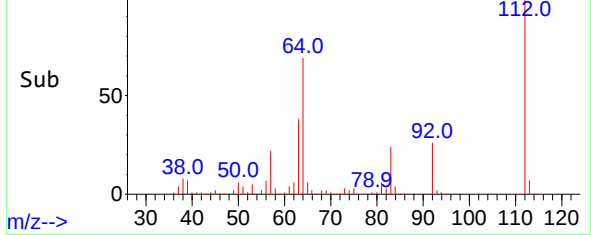
Abundance Scan 392 (5.790 min): BG050465.D\data.ms (-38



m/z--> Scan 392 (5.791 min): BG050648.D\data.ms



Abundance Scan 392 (5.791 min): BG050648.D\data.ms (-30

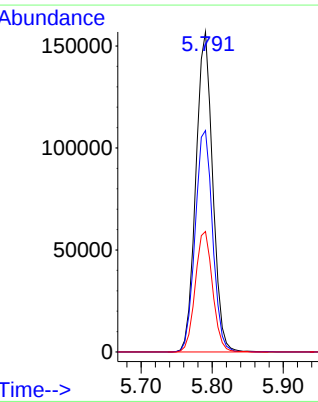


m/z-->

#5

2-Fluorophenol
Concen: 96.41 ng
RT: 5.791 min Scan# 392
Delta R.T. -0.000 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Tgt Ion:	112	Resp:	258172
Ion Ratio	Lower	Upper	
112	100		
64	69.2	46.7	70.1
63	37.6	35.3	52.9

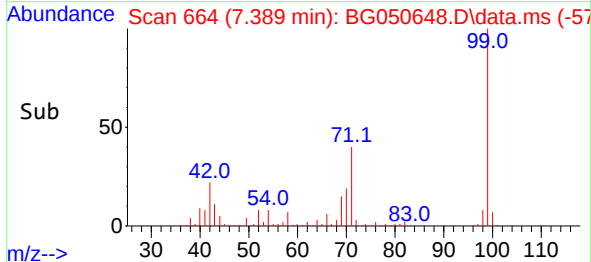
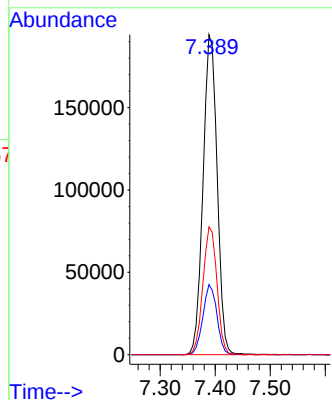
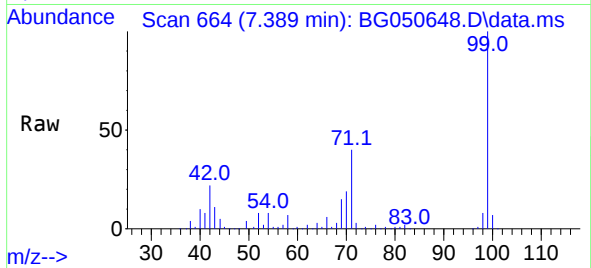




#7
Phenol-d6
Concen: 89.34 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.012 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

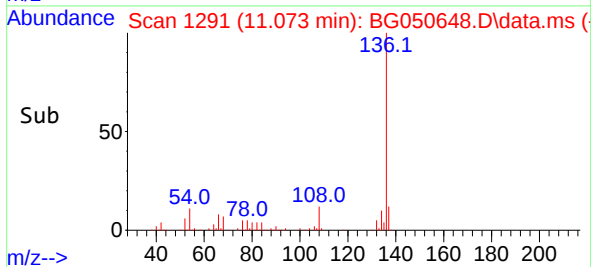
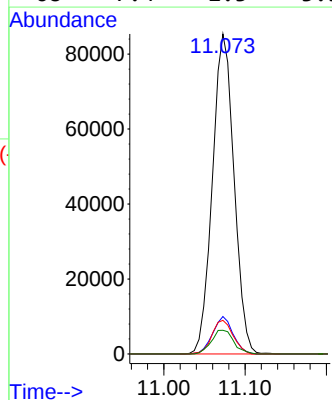
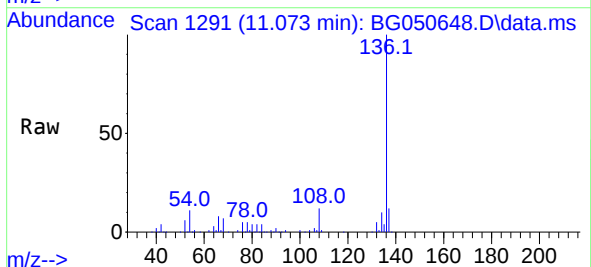
Instrument :
BNA_G
ClientSampled :
EXC-SOIL-A

Tgt Ion: 99 Resp: 346369
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 40.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Tgt Ion: 136 Resp: 157723
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 10.5 5.5 8.3#
68 7.4 2.3 3.5#



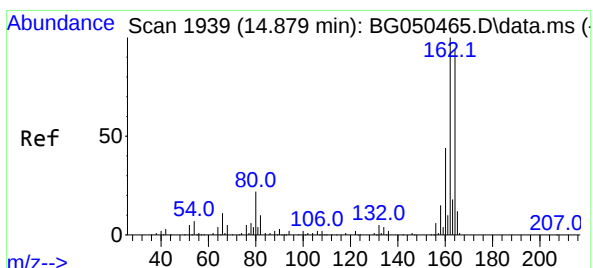
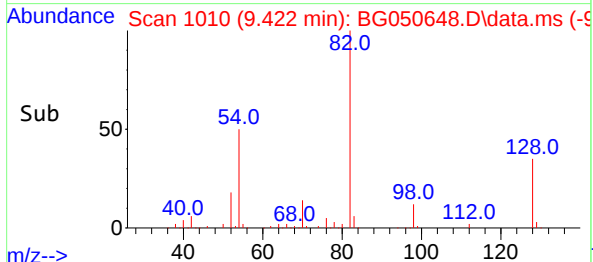
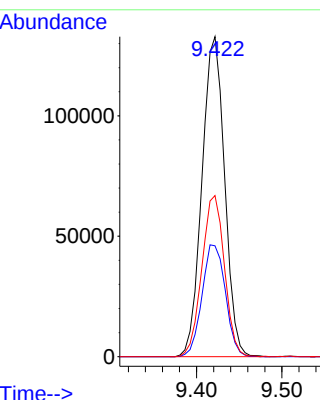
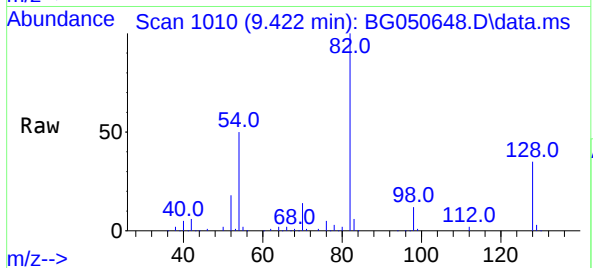


#23
Nitrobenzene-d5
Concen: 64.34 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-A

Tgt Ion: 82 Resp: 245159

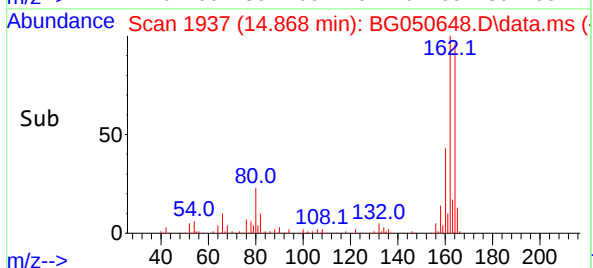
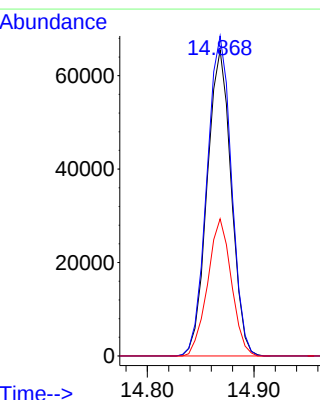
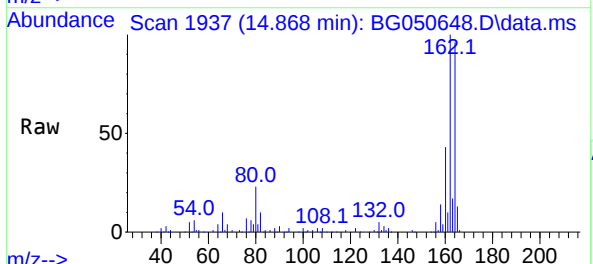
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.8	44.6
54	50.4	45.8	68.8

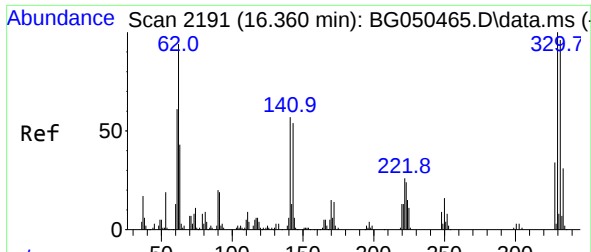


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Tgt Ion: 164 Resp: 102424

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.4	122.0
160	44.8	34.9	52.3

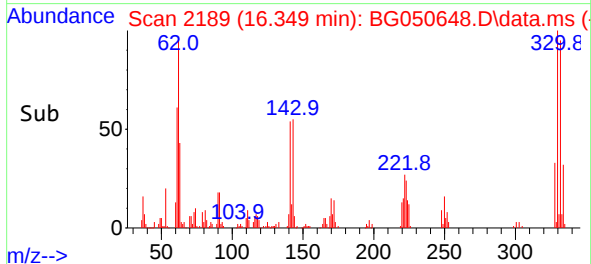
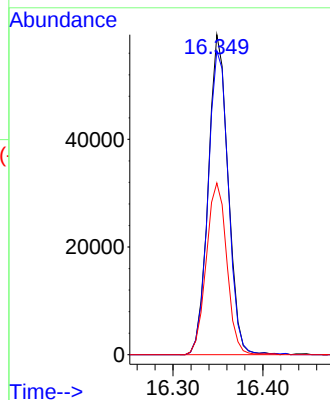
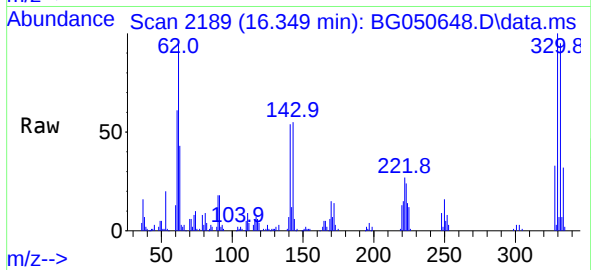




#42
2,4,6-Tribromophenol
Concen: 93.12 ng
RT: 16.349 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

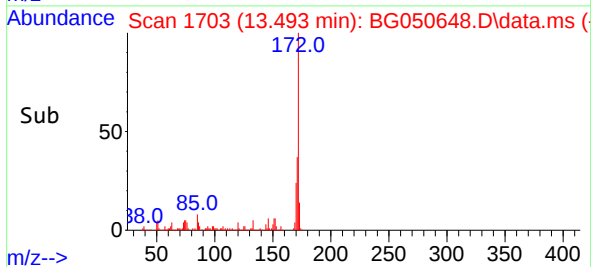
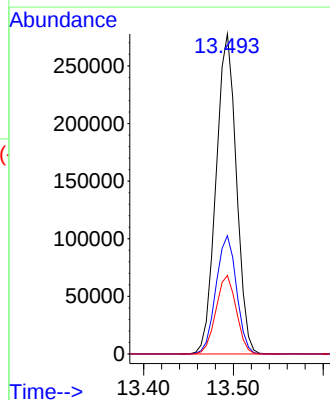
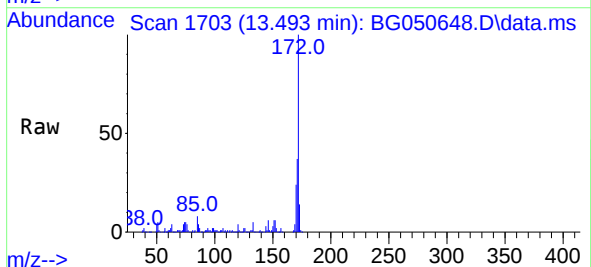
Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-A

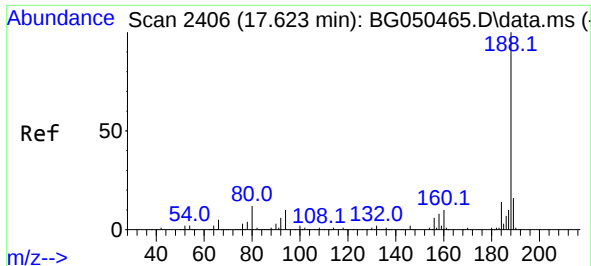
Tgt Ion:330 Resp: 90969
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 55.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 64.08 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Tgt Ion:172 Resp: 436087
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.5 18.6 27.8

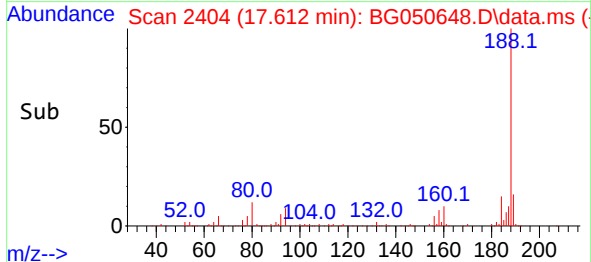
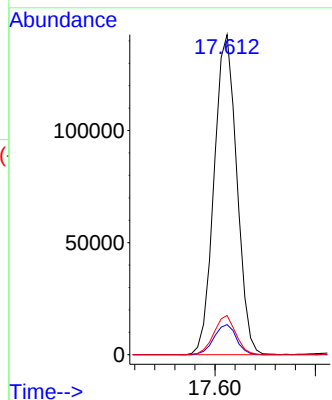
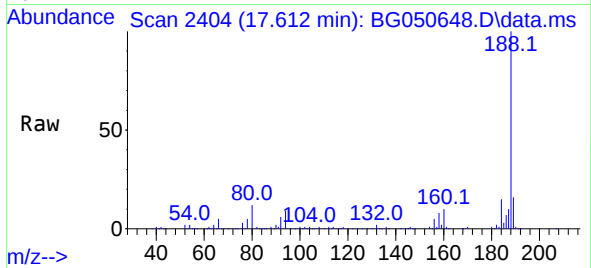




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

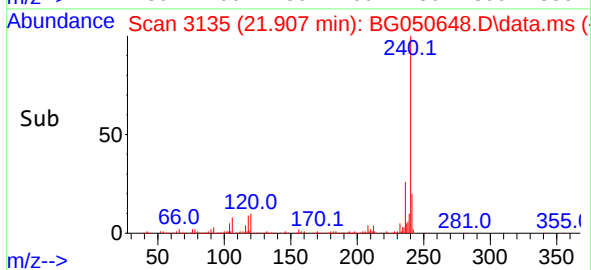
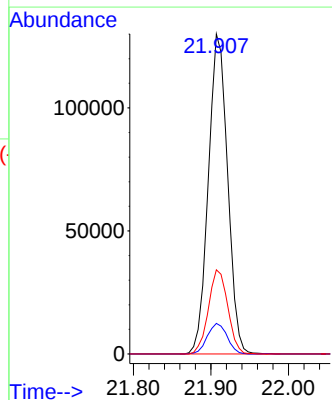
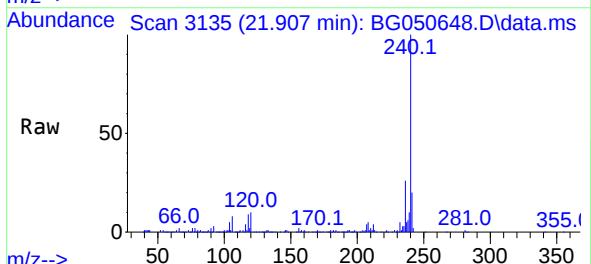
Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-A

Tgt Ion:188 Resp: 224099
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 12.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.907 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Tgt Ion:240 Resp: 224226
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 26.3 21.8 32.6

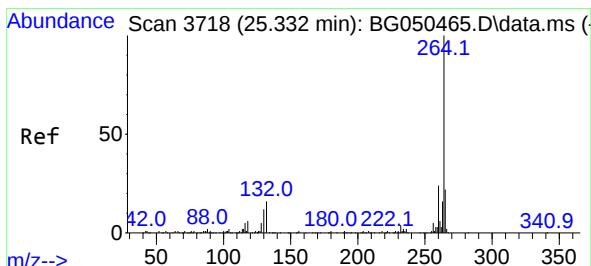
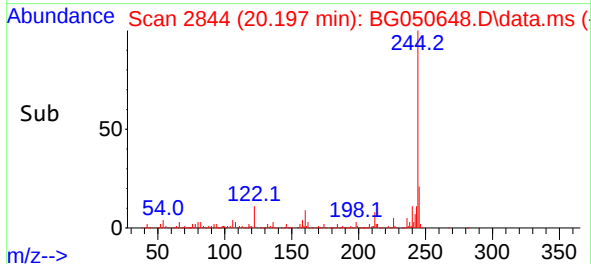
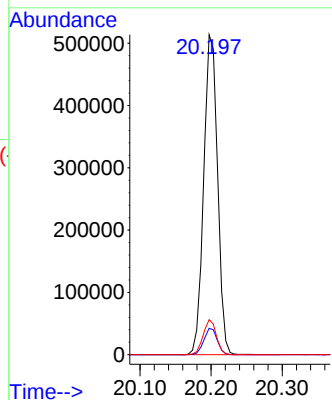
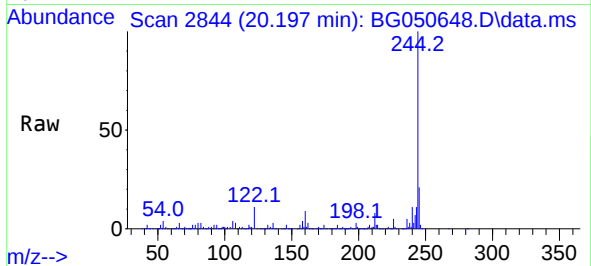




#79
Terphenyl-d14
Concen: 60.59 ng
RT: 20.197 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Instrument :
BNA_G
ClientSampleId :
EXC-SOIL-A

Tgt Ion:244 Resp: 697154
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 10.9 5.0 7.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.315 min Scan# 3715
Delta R.T. -0.018 min
Lab File: BG050648.D
Acq: 20 Oct 2021 16:45

Tgt Ion:264 Resp: 218122
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.6 16.9 25.3

