

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
 Data File : BG050572.D
 Acq On : 13 Oct 2021 16:08
 Operator : CG/JU
 Sample : M4047-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 149-ENV-1-COMPOSITE

Quant Time: Oct 13 17:53:38 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	8.256	152	38554	20.00	ng	0.00
21) Naphthalene-d8	11.082	136	154444	20.00	ng	# 0.00
39) Acenaphthene-d10	14.878	164	99815	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	236124	20.00	ng	# 0.00
76) Chrysene-d12	21.916	240	223592	20.00	ng	# 0.00
86) Perylene-d12	25.330	264	226265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	250482	97.16	ng	0.00
7) Phenol-d6	7.398	99	343346	91.99	ng	0.00
23) Nitrobenzene-d5	9.431	82	246634	66.11	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	95059	99.85	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	394924	59.55	ng	0.00
79) Terphenyl-d14	20.207	244	611625	53.31	ng	0.00

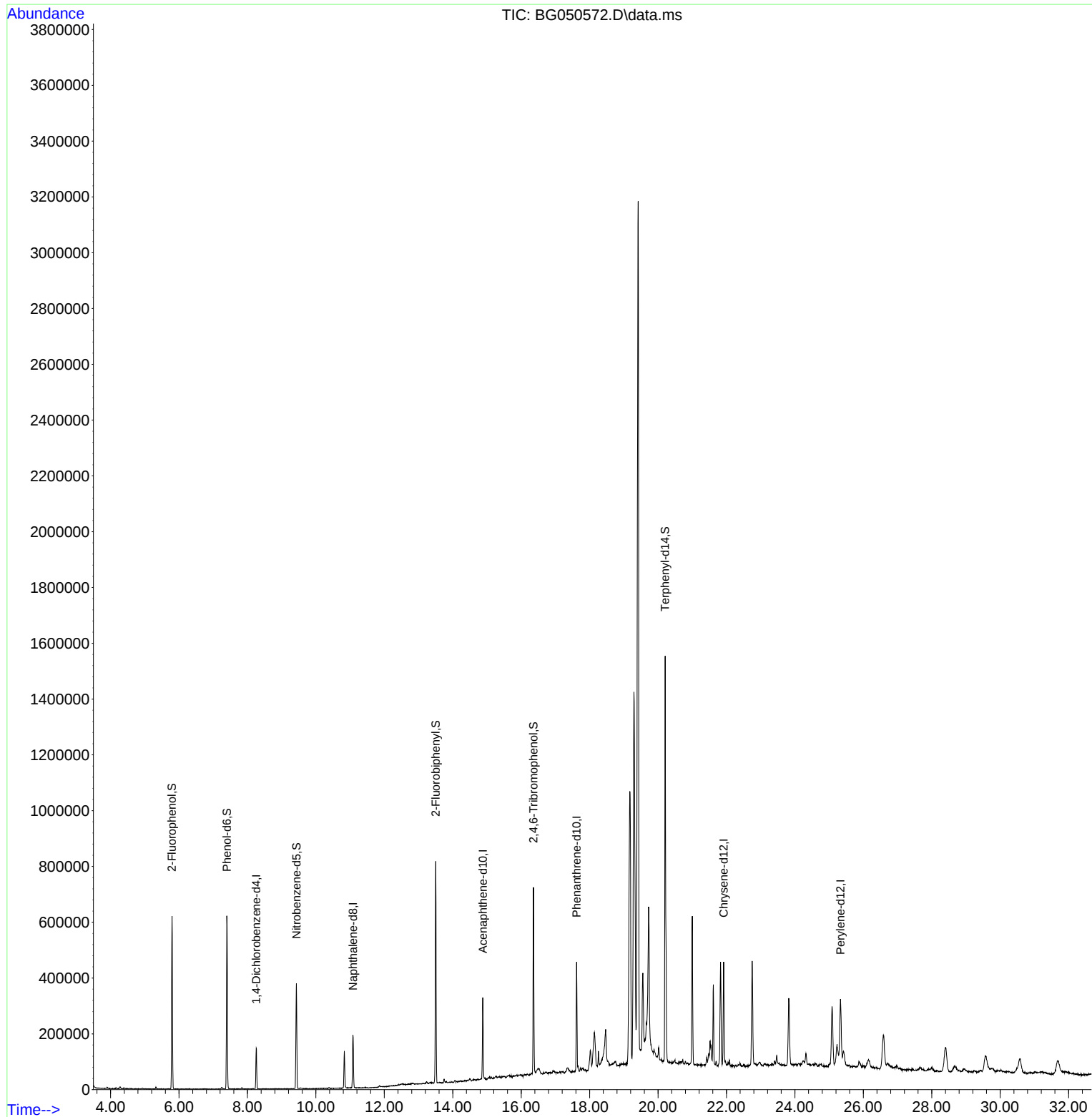
Target Compounds	Qvalue

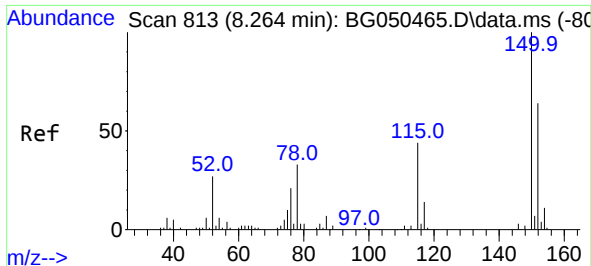
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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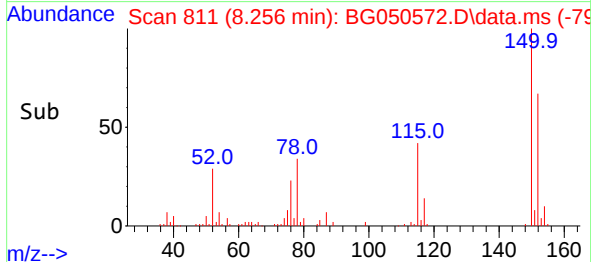
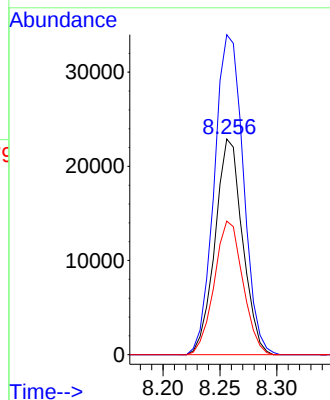
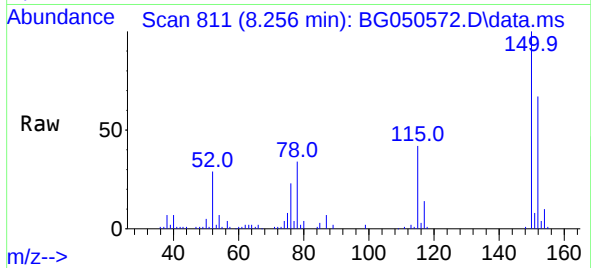




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.256 min Scan# 811
Delta R.T. -0.008 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

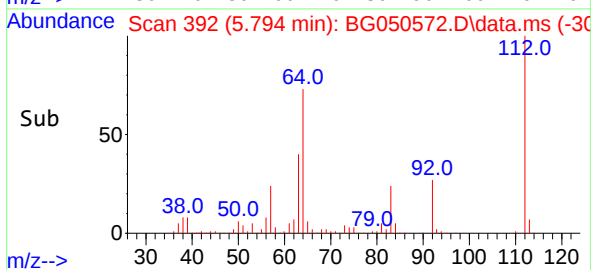
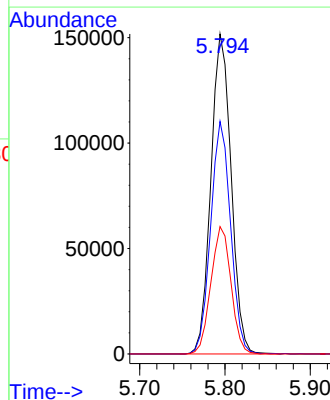
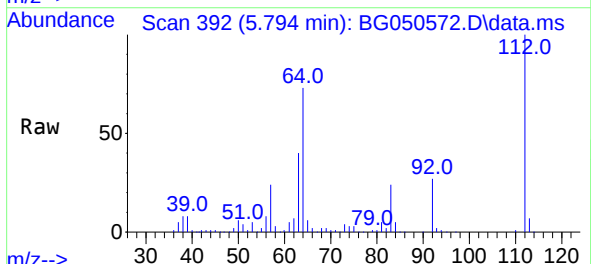
Instrument :
BNA_G
ClientSampleId :
149-ENV-1-COMPOSITE

Tgt Ion:152 Resp: 38554
Ion Ratio Lower Upper
152 100
150 148.4 119.4 179.0
115 62.0 60.2 90.4



#5
2-Fluorophenol
Concen: 97.16 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

Tgt Ion:112 Resp: 250482
Ion Ratio Lower Upper
112 100
64 72.7 46.7 70.1#
63 39.8 35.3 52.9

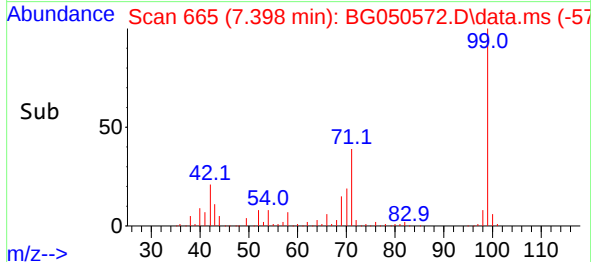
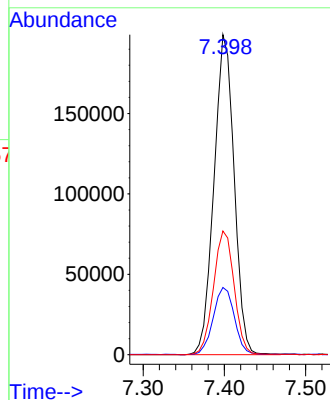
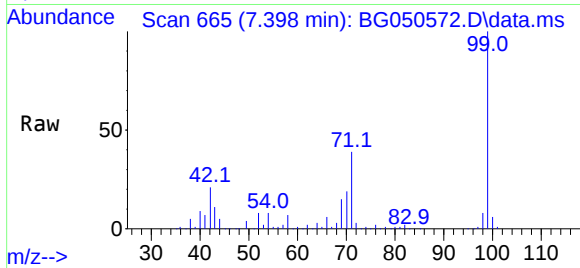




#7
Phenol-d6
Concen: 91.99 ng
RT: 7.398 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

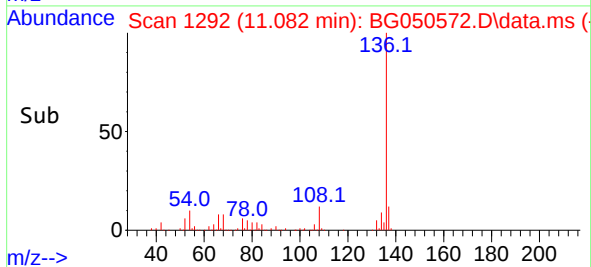
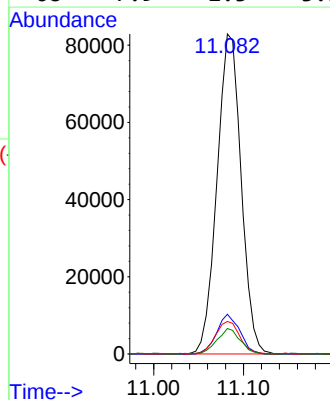
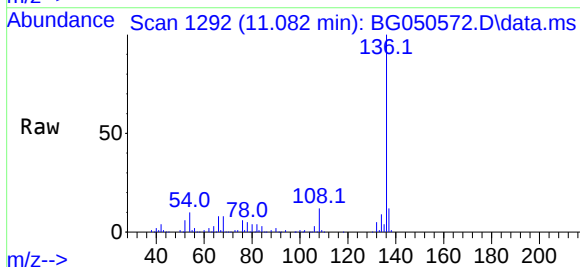
Instrument :
BNA_G
ClientSampleId :
149-ENV-1-COMPOSITE

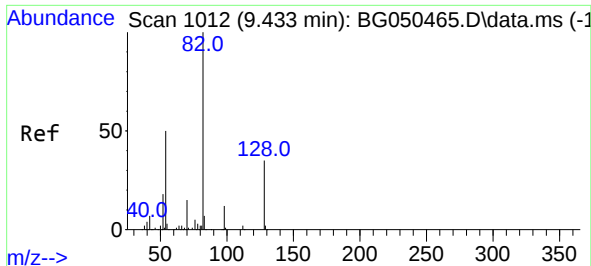
Tgt Ion: 99 Resp: 343346
Ion Ratio Lower Upper
99 100
42 21.0 20.5 30.7
71 38.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

Tgt Ion:136 Resp: 154444
Ion Ratio Lower Upper
136 100
137 12.4 8.2 12.2#
54 10.2 5.5 8.3#
68 7.9 2.3 3.5#

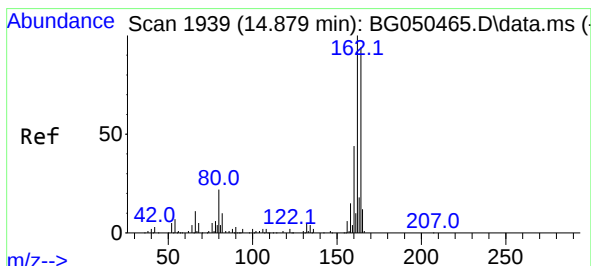
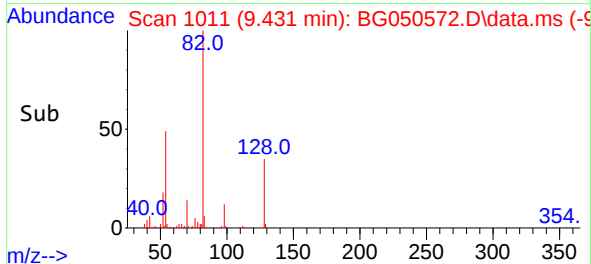
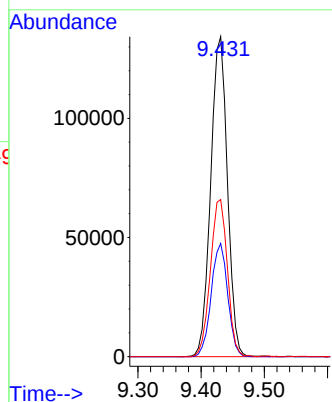
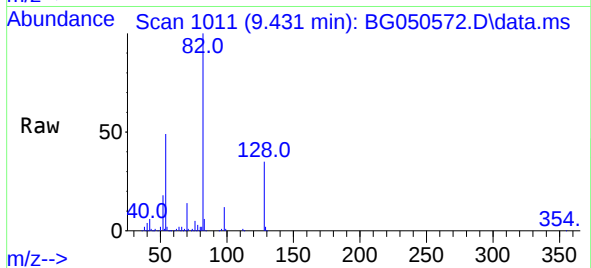




#23
Nitrobenzene-d5
Concen: 66.11 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

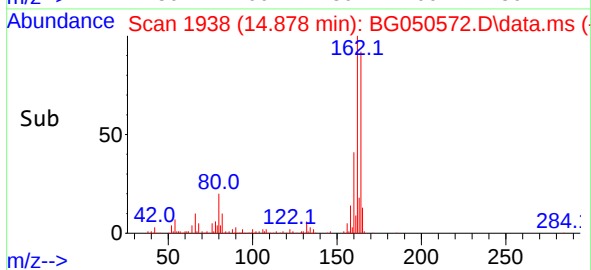
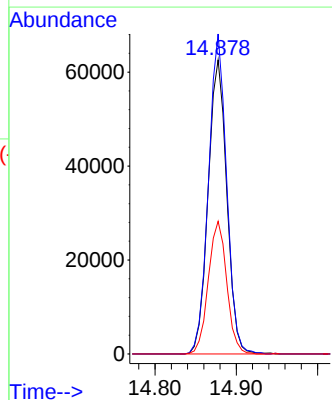
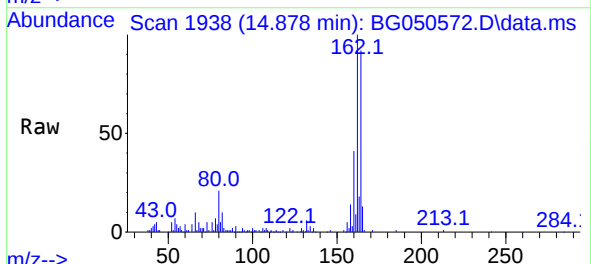
Instrument :
BNA_G
ClientSampleId :
149-ENV-1-COMPOSITE

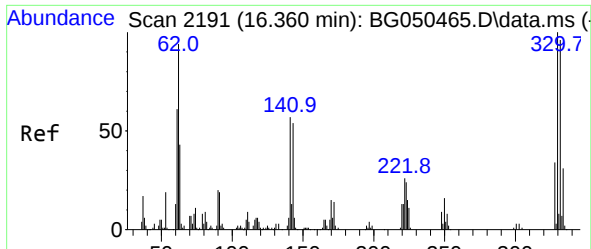
Tgt Ion: 82 Resp: 246634
Ion Ratio Lower Upper
82 100
128 35.4 29.8 44.6
54 49.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.878 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

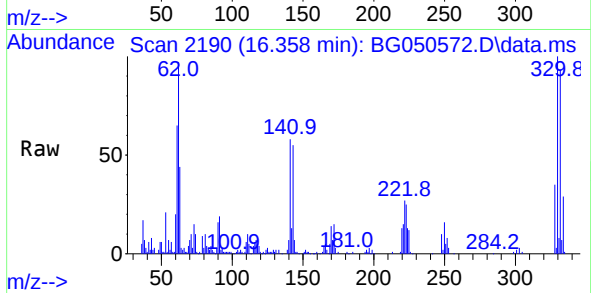
Tgt Ion: 164 Resp: 99815
Ion Ratio Lower Upper
164 100
162 108.8 81.4 122.0
160 45.1 34.9 52.3



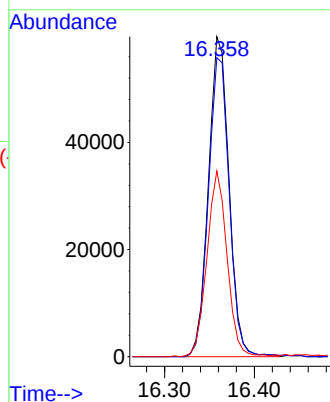
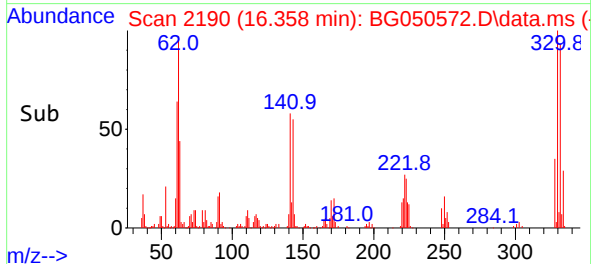


#42
2,4,6-Tribromophenol
Concen: 99.85 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

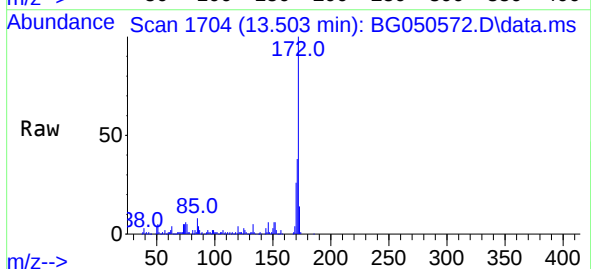
Instrument :
BNA_G
ClientSampleId :
149-ENV-1-COMPOSITE



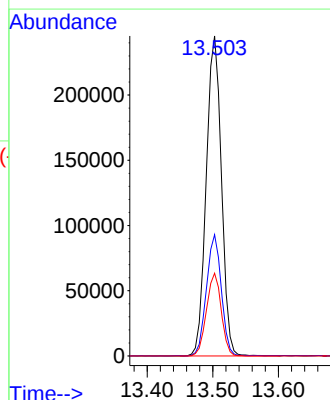
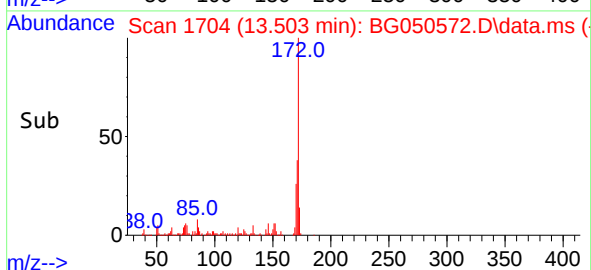
Tgt Ion:330 Resp: 95059
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 56.9 35.6 53.4#

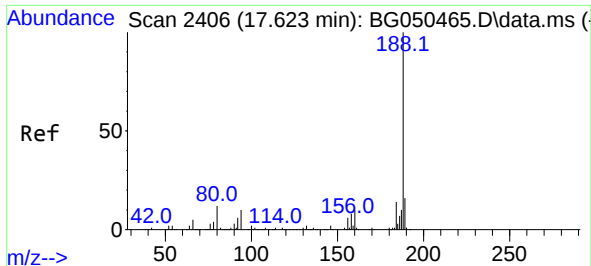


#45
2-Fluorobiphenyl
Concen: 59.55 ng
RT: 13.503 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08



Tgt Ion:172 Resp: 394924
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.9 18.6 27.8

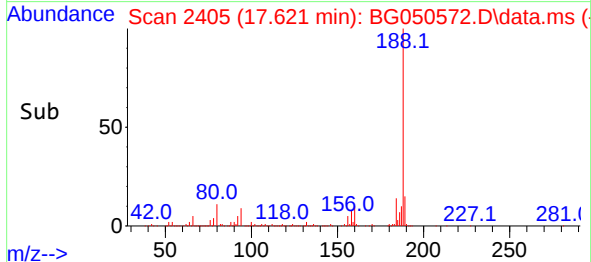
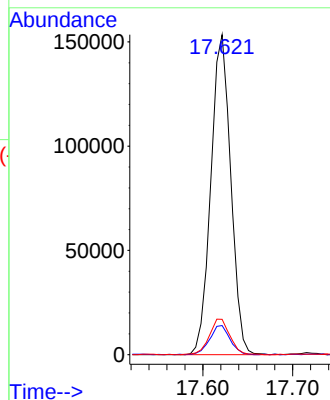
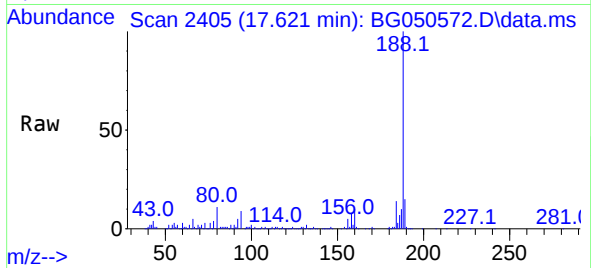




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

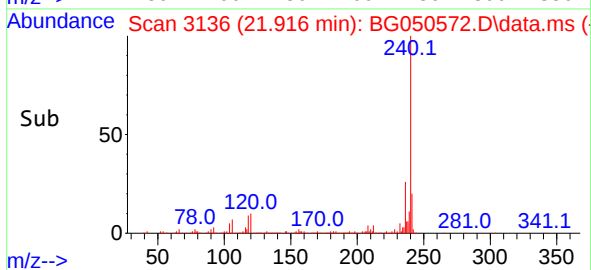
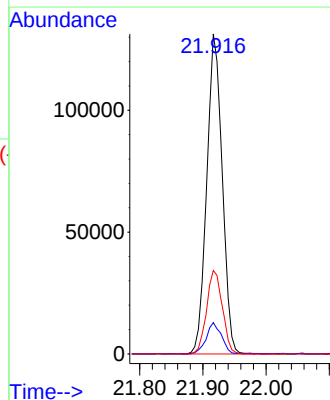
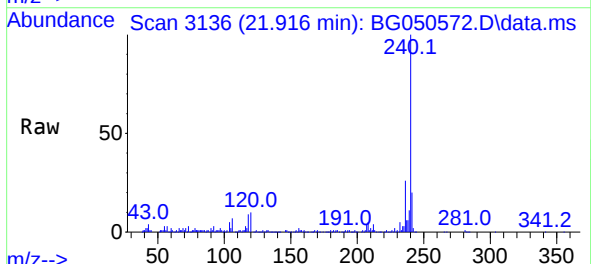
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Tgt Ion:188 Resp: 236124
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

Tgt Ion:240 Resp: 223592
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.1 21.8 32.6

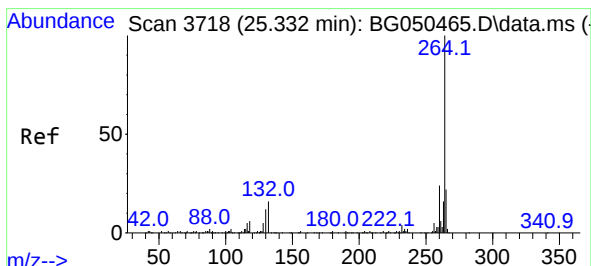
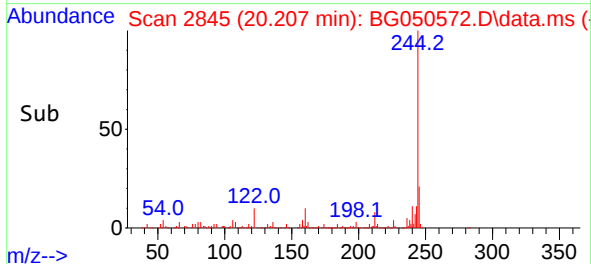
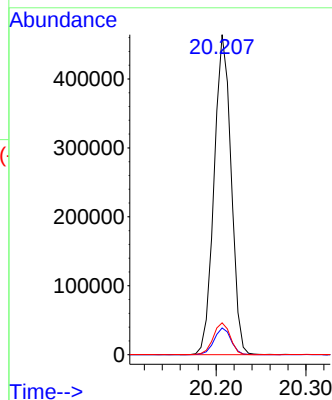
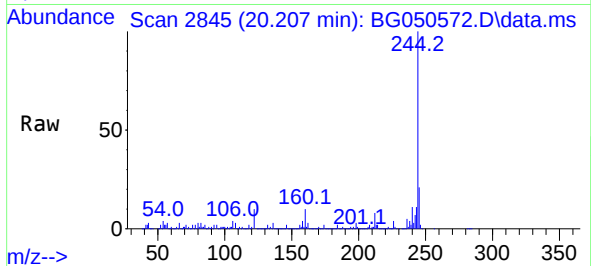




#79
Terphenyl-d14
Concen: 53.31 ng
RT: 20.207 min Scan# 2845
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

Instrument :
BNA_G
ClientSampleId :
149-ENV-1-COMPOSITE

Tgt Ion:244 Resp: 611625
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 9.9 5.0 7.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.330 min Scan# 3717
Delta R.T. -0.002 min
Lab File: BG050572.D
Acq: 13 Oct 2021 16:08

Tgt Ion:264 Resp: 226265
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 20.7 16.9 25.3

