

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055690.D
 Acq On : 18 Nov 2022 14:23
 Operator : CG/JU
 Sample : N5598-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-SLURRY-0760533

Quant Time: Nov 18 23:56:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	39731	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	164077	20.000	ng	0.00
39) Acenaphthene-d10	14.877	164	113978	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	248030	20.000	ng	0.00
76) Chrysene-d12	21.916	240	233174	20.000	ng	0.00
86) Perylene-d12	25.335	264	245511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	245621	111.743	ng	0.00
7) Phenol-d6	7.397	99	316230	108.075	ng	0.00
23) Nitrobenzene-d5	9.424	82	197837	63.730	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	169072	105.344	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	513582	67.505	ng	0.00
79) Terphenyl-d14	20.206	244	842015	72.227	ng	0.00

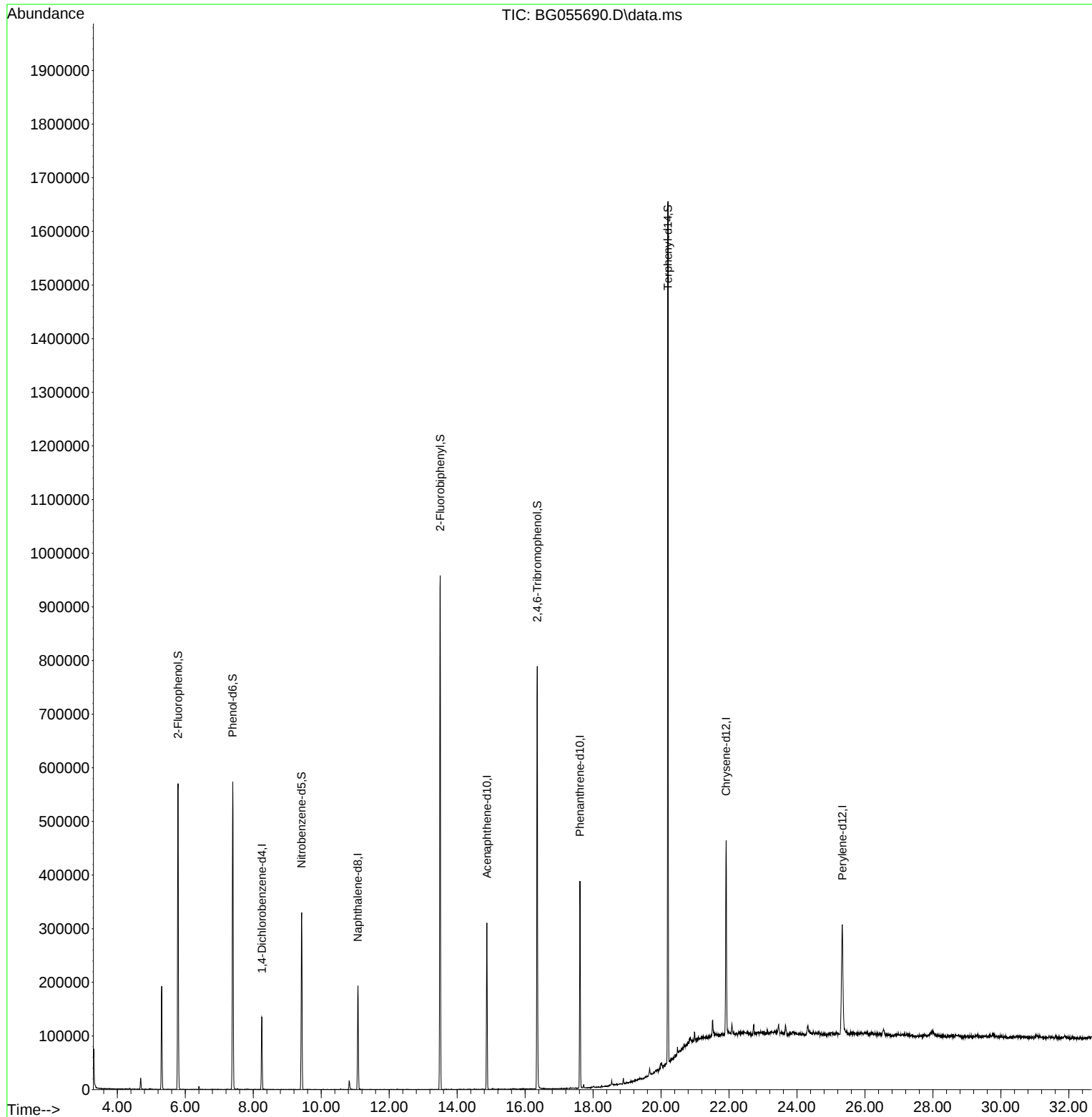
Target Compounds	Qvalue

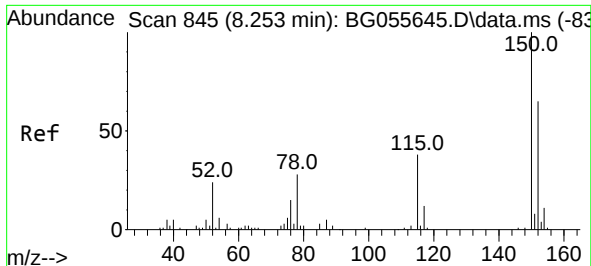
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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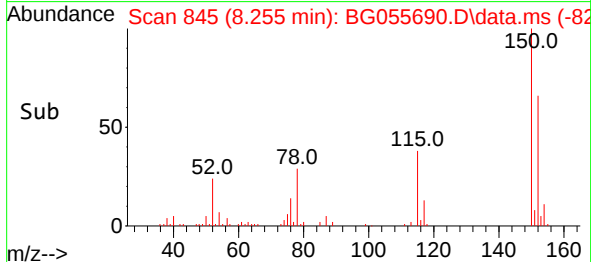
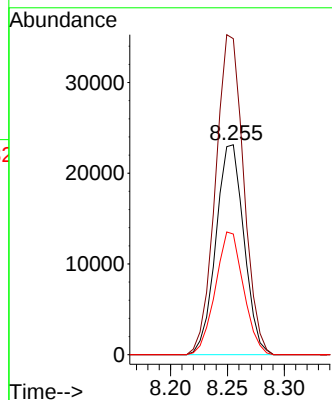
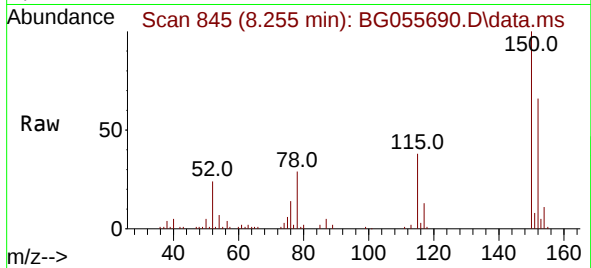




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 845
Delta R.T. 0.002 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

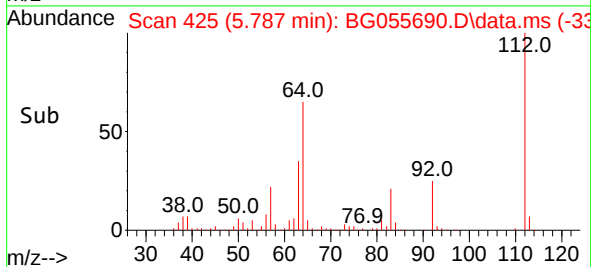
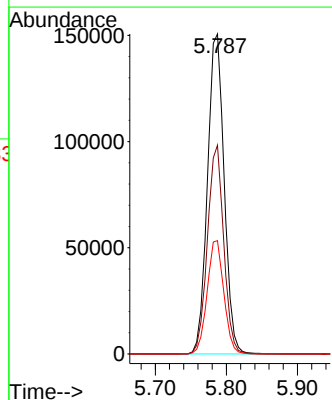
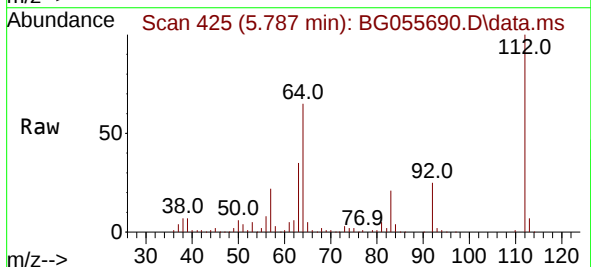
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-SLURRY-0760533

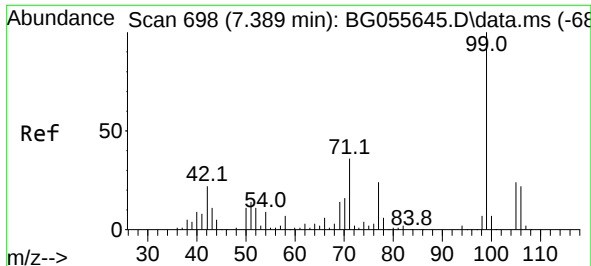
Tgt Ion:152 Resp: 39731
Ion Ratio Lower Upper
152 100
150 150.5 123.0 184.6
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 111.743 ng
RT: 5.787 min Scan# 425
Delta R.T. 0.008 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion:112 Resp: 245621
Ion Ratio Lower Upper
112 100
64 65.3 50.6 76.0
63 35.4 27.5 41.3

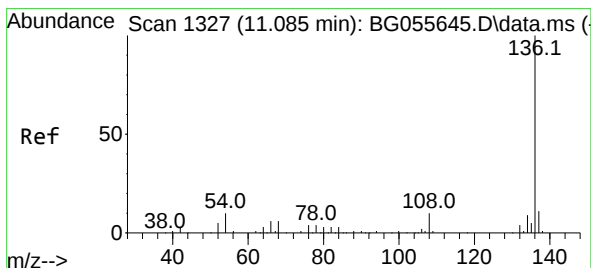
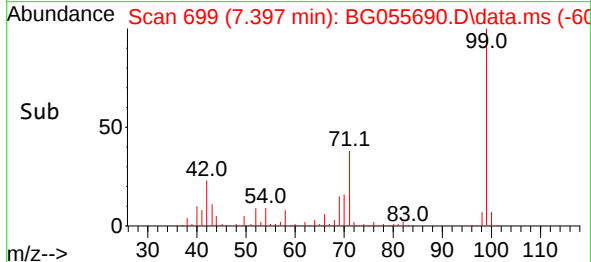
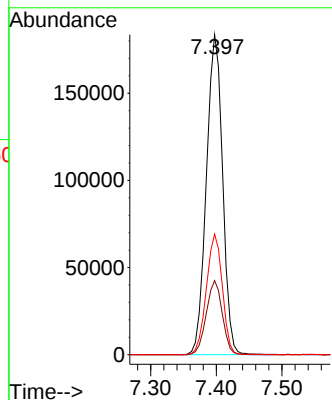
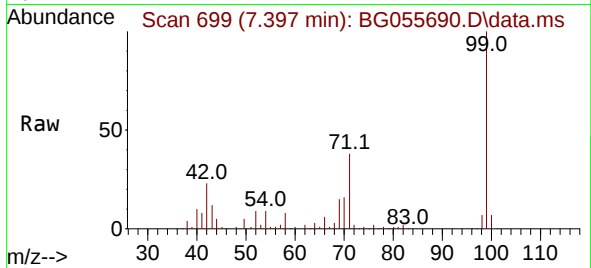




#7
Phenol-d6
Concen: 108.075 ng
RT: 7.397 min Scan# 699
Delta R.T. 0.008 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

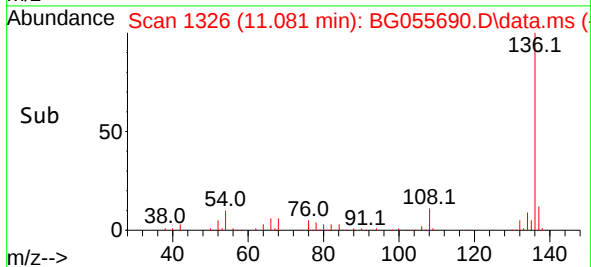
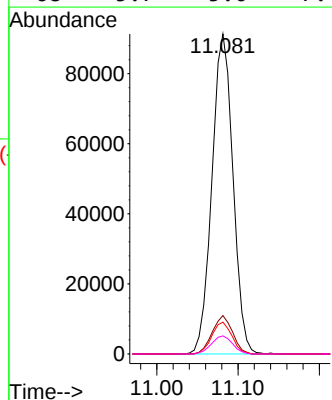
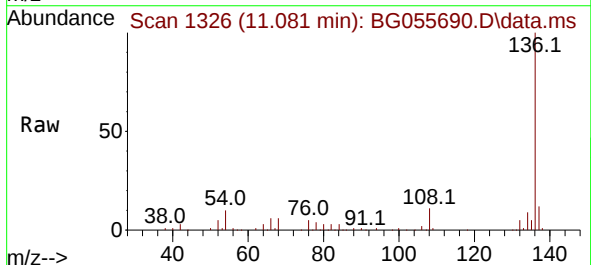
Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-SLURRY-0760533

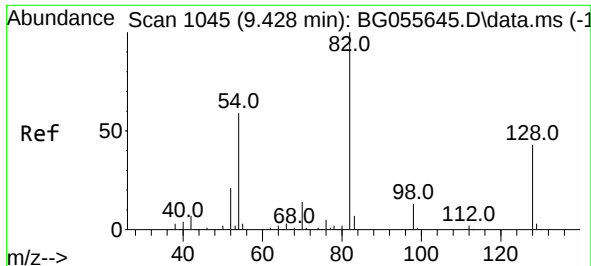
Tgt Ion: 99 Resp: 316230
Ion Ratio Lower Upper
99 100
42 23.1 18.0 27.0
71 37.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1326
Delta R.T. -0.003 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion: 136 Resp: 164077
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 9.9 7.8 11.6
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 63.730 ng

RT: 9.424 min Scan# 1044

Delta R.T. -0.003 min

Lab File: BG055690.D

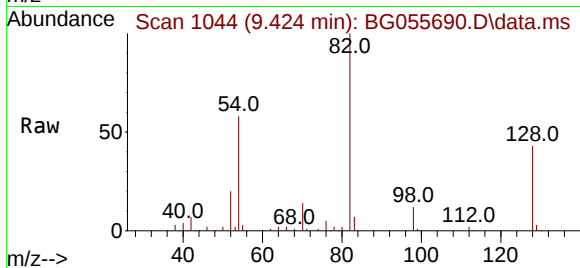
Acq: 18 Nov 2022 14:23

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-SLURRY-0760533



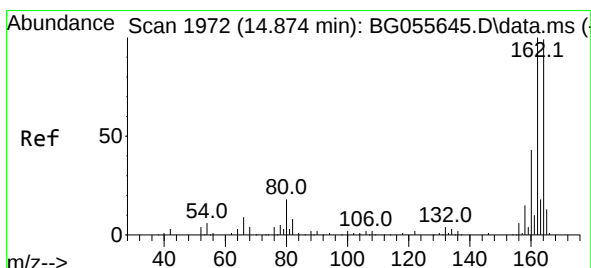
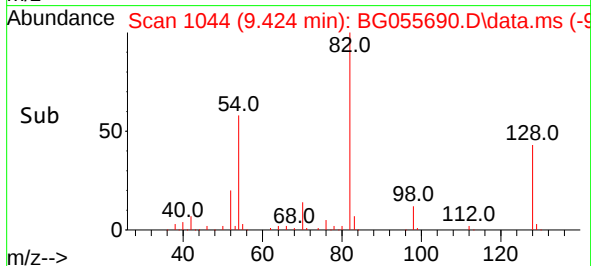
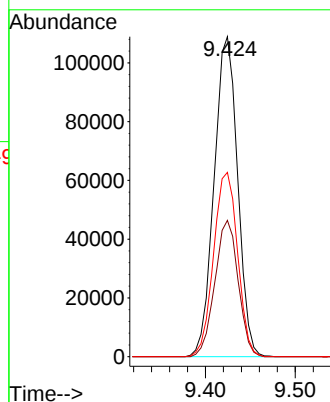
Tgt Ion: 82 Resp: 197837

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

54 57.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.877 min Scan# 1972

Delta R.T. 0.002 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

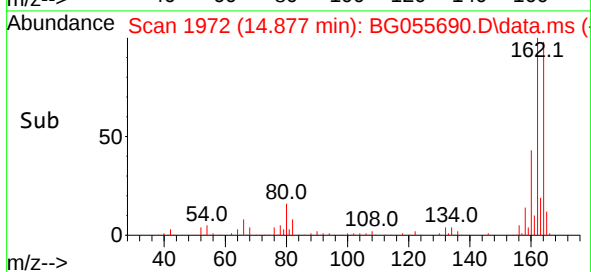
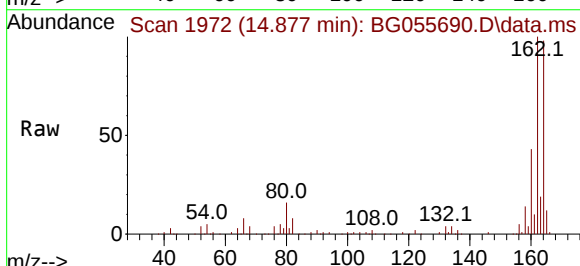
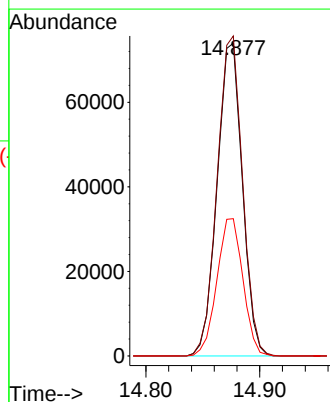
Tgt Ion:164 Resp: 113978

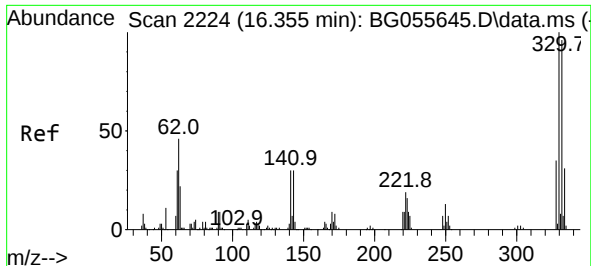
Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

160 43.9 34.8 52.2

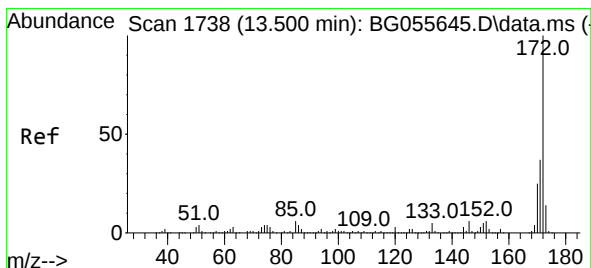
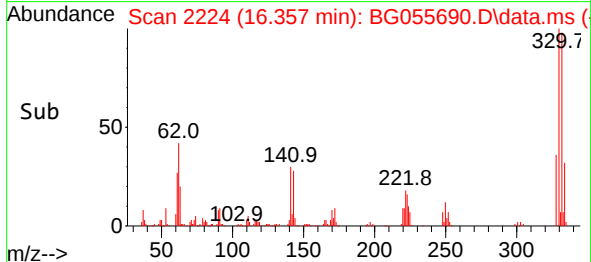
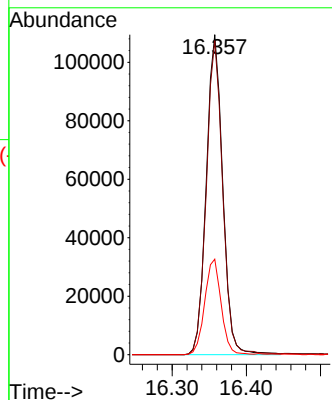
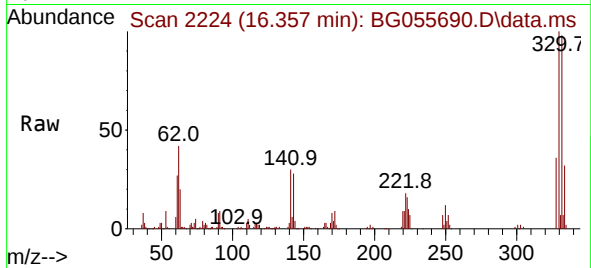




#42
2,4,6-Tribromophenol
Concen: 105.344 ng
RT: 16.357 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

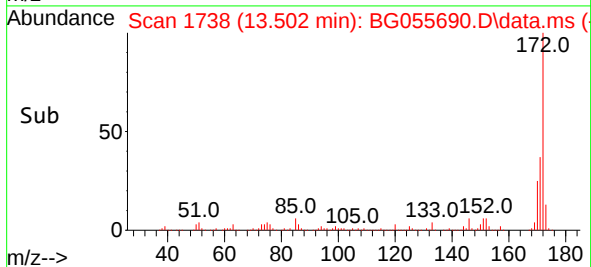
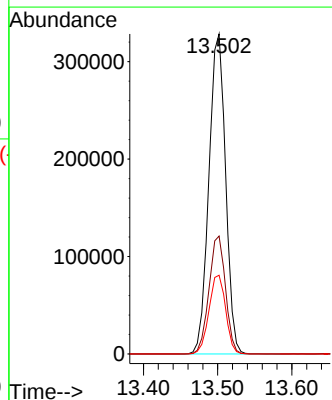
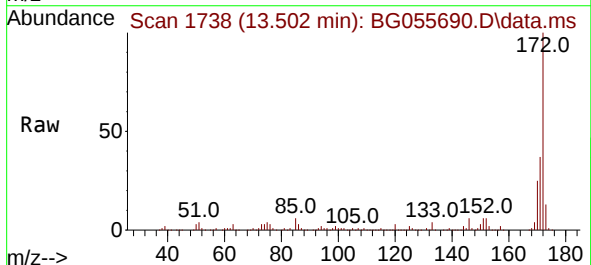
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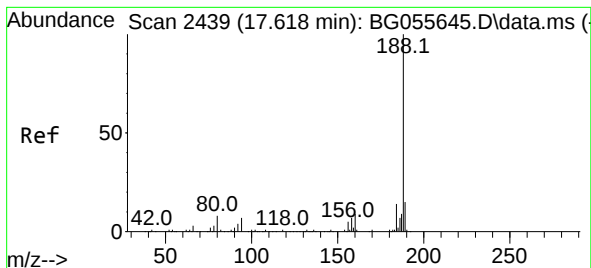
Tgt Ion:330 Resp: 169072
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 29.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 67.505 ng
RT: 13.502 min Scan# 1738
Delta R.T. 0.002 min
Lab File: BG055690.D
Acq: 18 Nov 2022 14:23

Tgt Ion:172 Resp: 513582
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.6 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.615 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-SLURRY-0760533

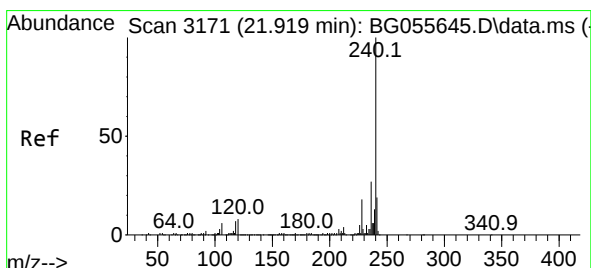
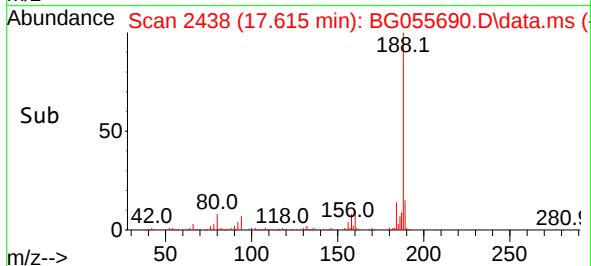
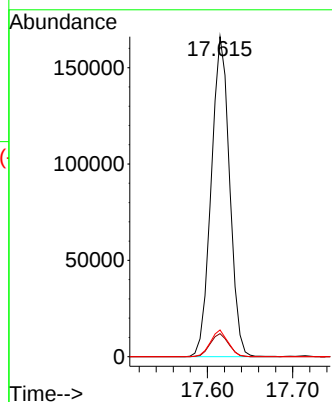
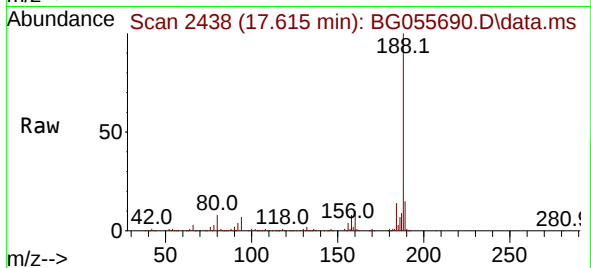
Tgt Ion:188 Resp: 248030

Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.4 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.916 min Scan# 3170

Delta R.T. -0.003 min

Lab File: BG055690.D

Acq: 18 Nov 2022 14:23

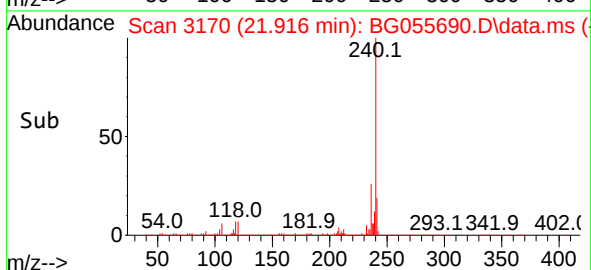
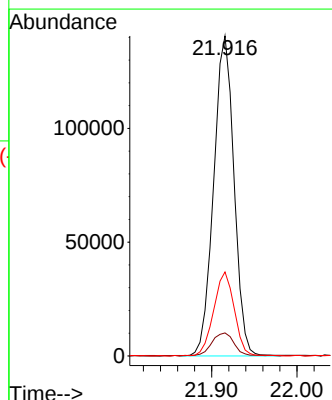
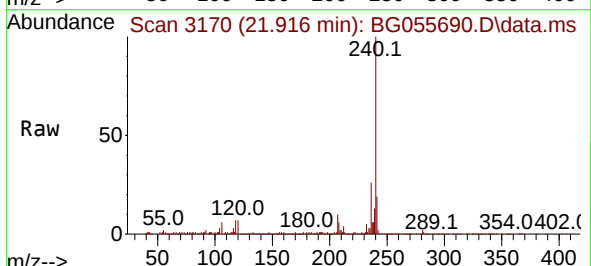
Tgt Ion:240 Resp: 233174

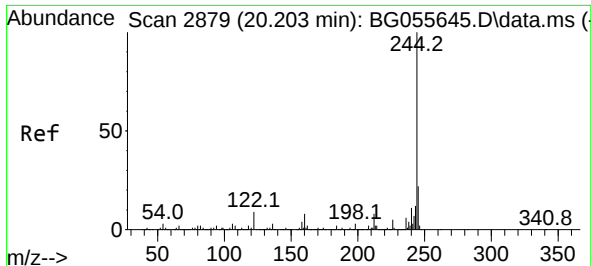
Ion Ratio Lower Upper

240 100

120 7.2 6.3 9.5

236 26.2 21.9 32.9

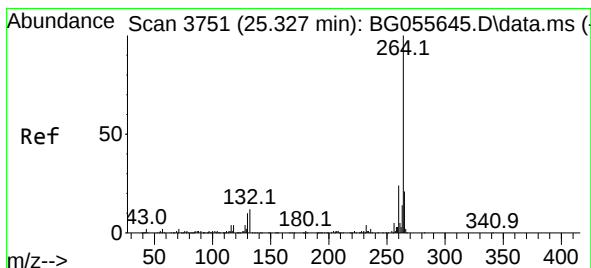
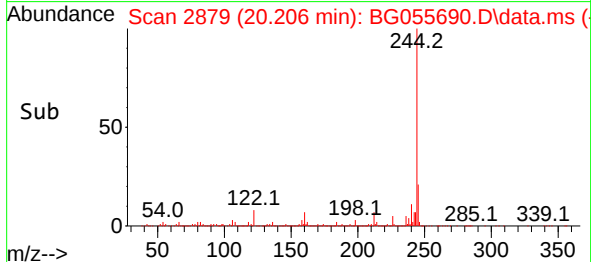
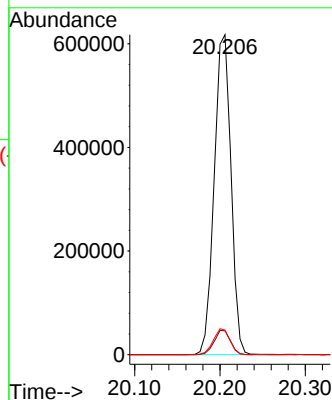
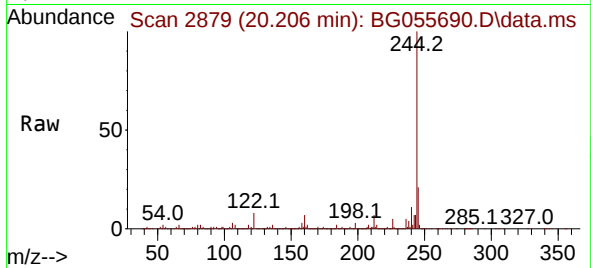




#79
 Terphenyl-d14
 Concen: 72.227 ng
 RT: 20.206 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055690.D
 Acq: 18 Nov 2022 14:23

Instrument :
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Tgt Ion:244 Resp: 842015
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 7.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 3752
 Delta R.T. 0.008 min
 Lab File: BG055690.D
 Acq: 18 Nov 2022 14:23

Tgt Ion:264 Resp: 245511
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.4 17.1 25.7

