

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055791.D
 Acq On : 25 Nov 2022 22:06
 Operator : CG/JU
 Sample : N5641-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-6

Quant Time: Nov 26 00:29:57 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 24 06:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	48393	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	198944	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	134762	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	305100	20.000	ng	0.00
76) Chrysene-d12	21.895	240	293295	20.000	ng	0.00
86) Perylene-d12	25.291	264	306130	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	270544	101.050	ng	0.00
7) Phenol-d6	7.382	99	350792	98.428	ng	0.00
23) Nitrobenzene-d5	9.403	82	217143	57.690	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	158726	83.645	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	513232	57.055	ng	0.00
79) Terphenyl-d14	20.185	244	774426	52.812	ng	0.00

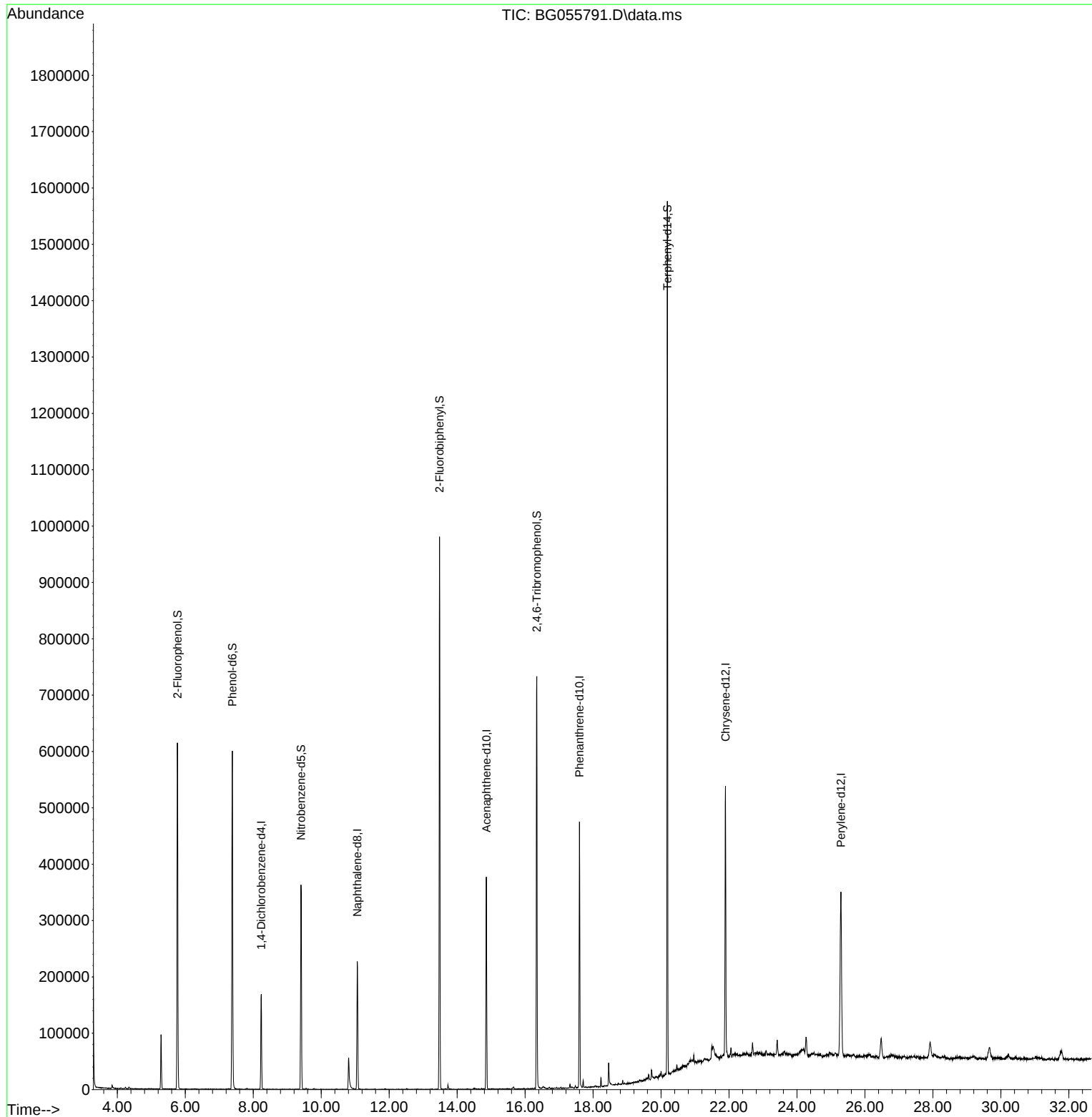
Target Compounds Qvalue

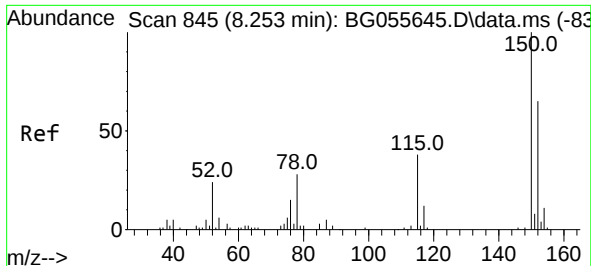
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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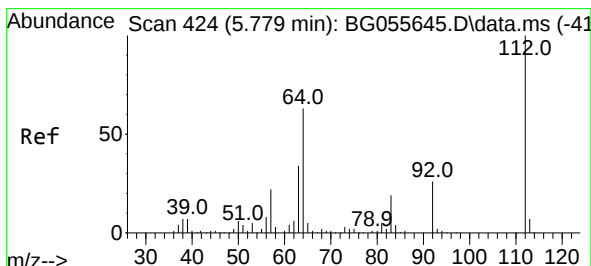
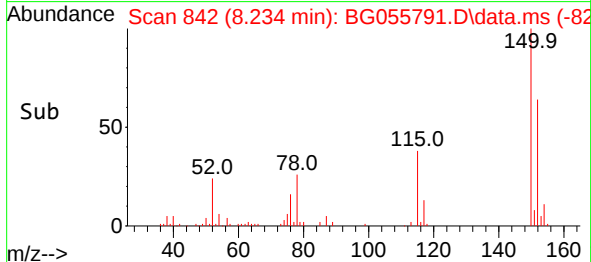
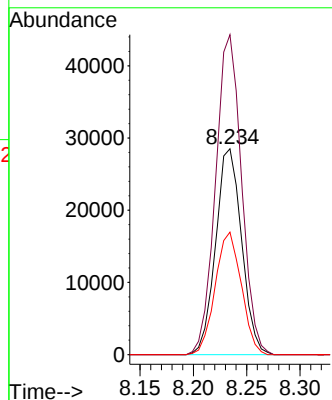
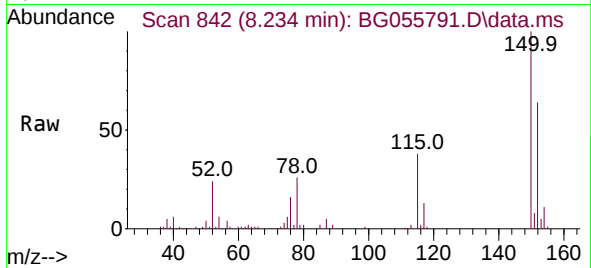




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055791.D
Acq: 25 Nov 2022 22:06

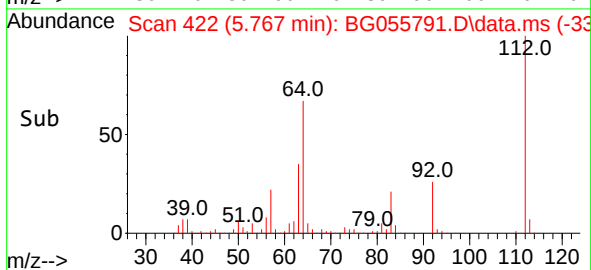
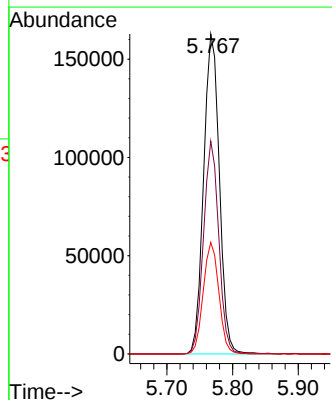
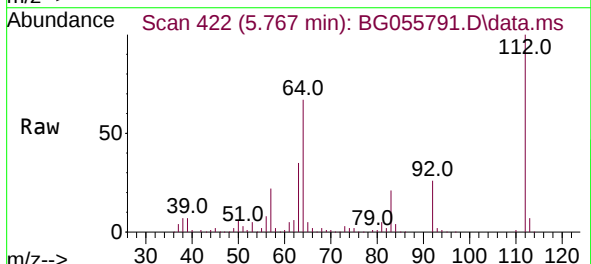
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-6

Tgt Ion:152 Resp: 48393
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.6
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 101.050 ng
RT: 5.767 min Scan# 422
Delta R.T. -0.001 min
Lab File: BG055791.D
Acq: 25 Nov 2022 22:06

Tgt Ion:112 Resp: 270544
Ion Ratio Lower Upper
112 100
64 66.6 50.6 76.0
63 34.8 27.5 41.3

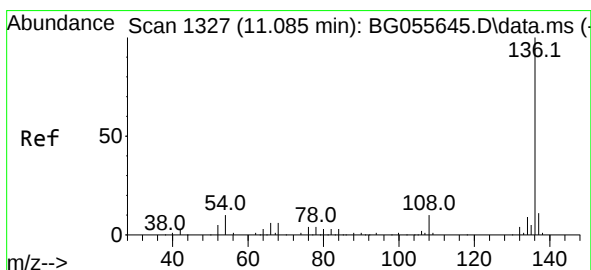
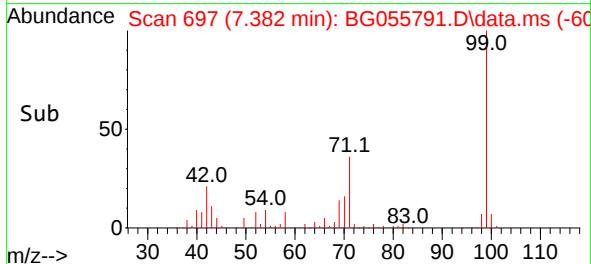
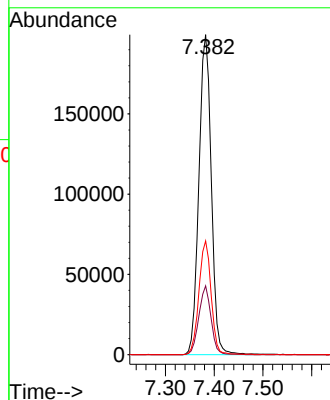
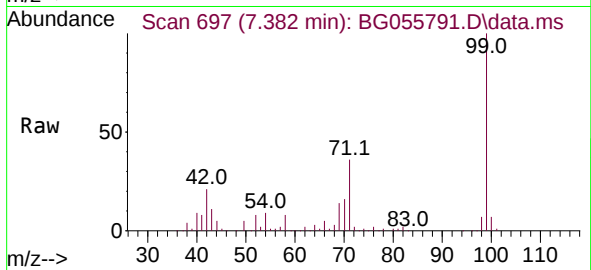




#7
Phenol-d6
Concen: 98.428 ng
RT: 7.382 min Scan# 69
Delta R.T. -0.001 min
Lab File: BG055791.D
Acq: 25 Nov 2022 22:06

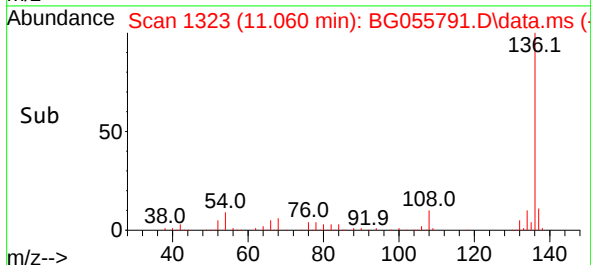
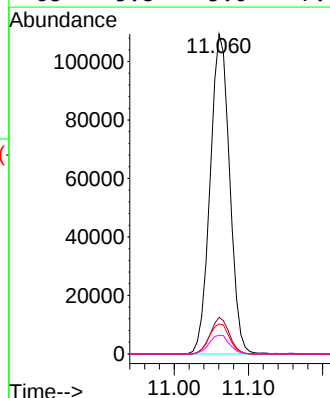
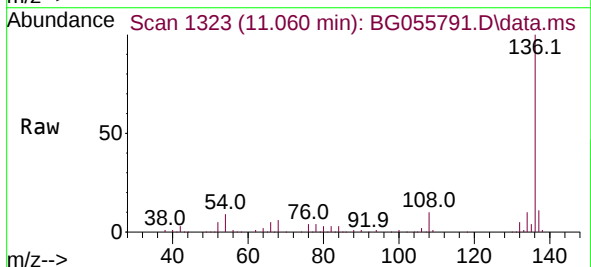
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-6

Tgt Ion: 99 Resp: 350792
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 35.5 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1323
Delta R.T. -0.007 min
Lab File: BG055791.D
Acq: 25 Nov 2022 22:06

Tgt Ion: 136 Resp: 198944
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 7.8 11.6
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 57.690 ng

RT: 9.403 min Scan# 1045

Delta R.T. -0.007 min

Lab File: BG055791.D

Acq: 25 Nov 2022 22:06

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-6

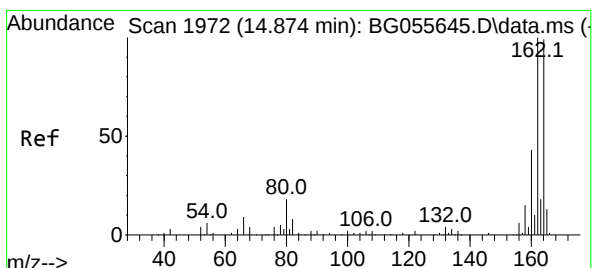
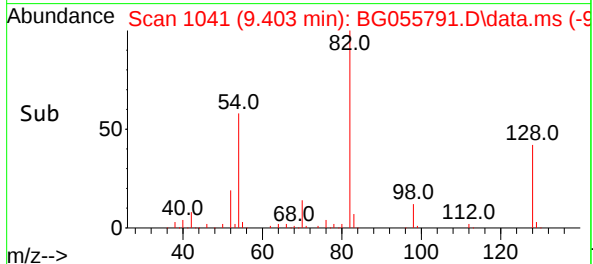
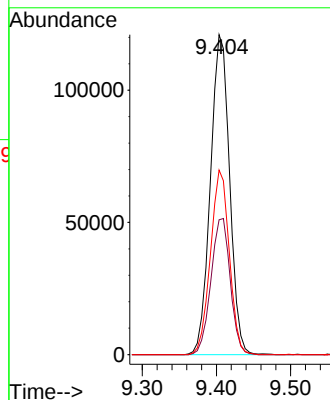
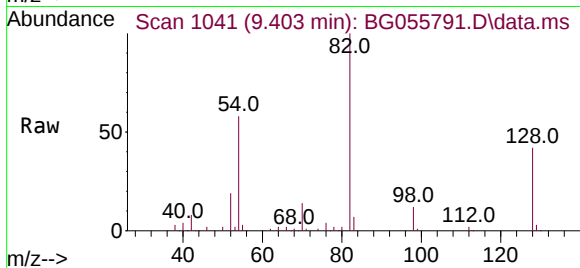
Tgt Ion: 82 Resp: 217143

Ion Ratio Lower Upper

82 100

128 42.1 34.1 51.1

54 57.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.007 min

Lab File: BG055791.D

Acq: 25 Nov 2022 22:06

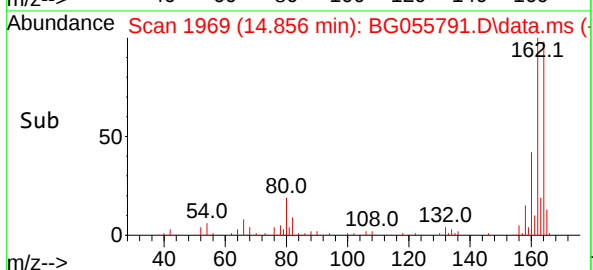
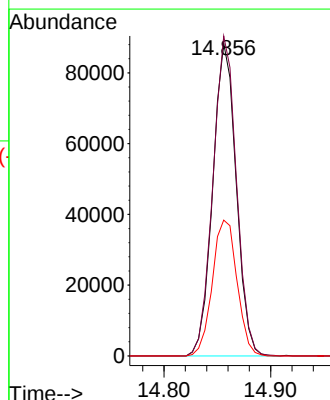
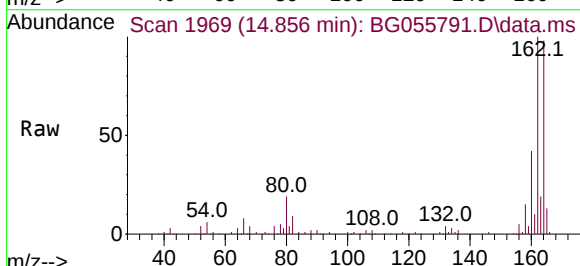
Tgt Ion:164 Resp: 134762

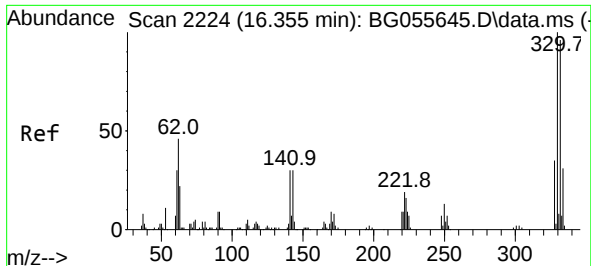
Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

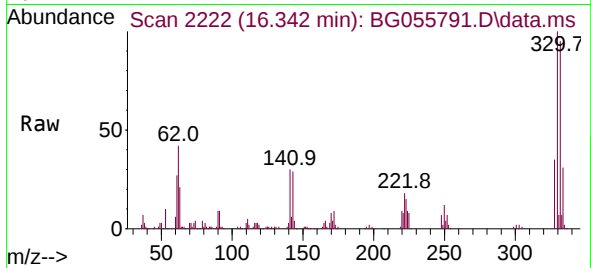
160 43.4 34.8 52.2



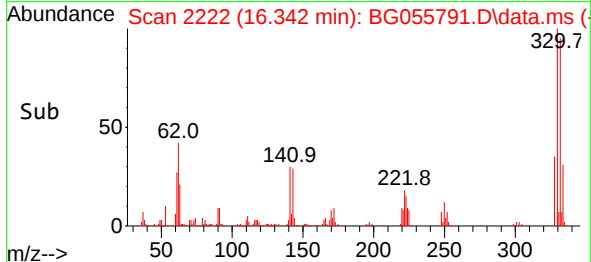
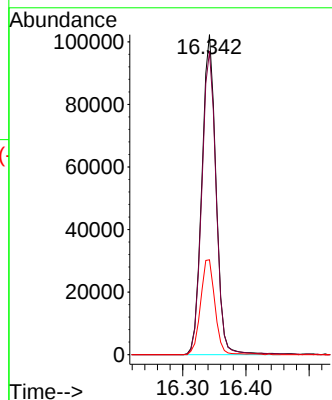


#42
2,4,6-Tribromophenol
Concen: 83.645 ng
RT: 16.342 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055791.D
Acq: 25 Nov 2022 22:06

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-6

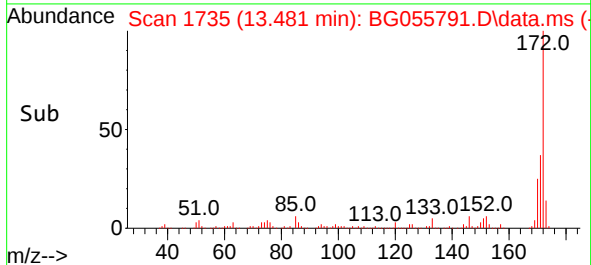
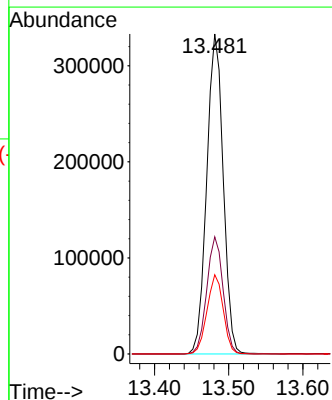
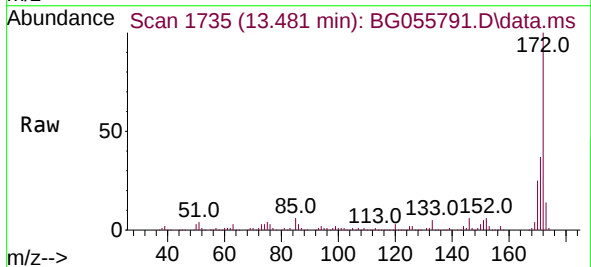


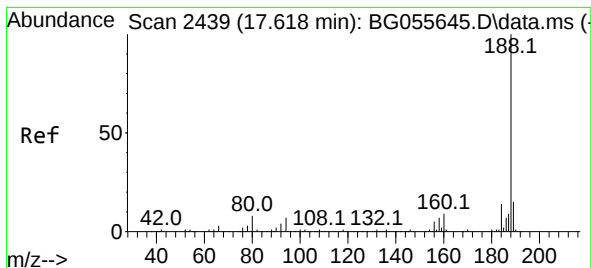
Tgt Ion:330 Resp: 158726
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 29.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 57.055 ng
RT: 13.481 min Scan# 1735
Delta R.T. -0.007 min
Lab File: BG055791.D
Acq: 25 Nov 2022 22:06

Tgt Ion:172 Resp: 513232
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.7 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.600 min Scan# 2436

Delta R.T. -0.007 min

Lab File: BG055791.D

Acq: 25 Nov 2022 22:06

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-6

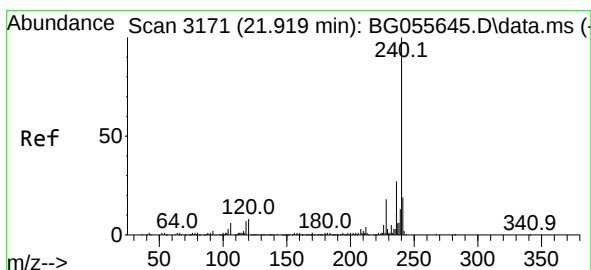
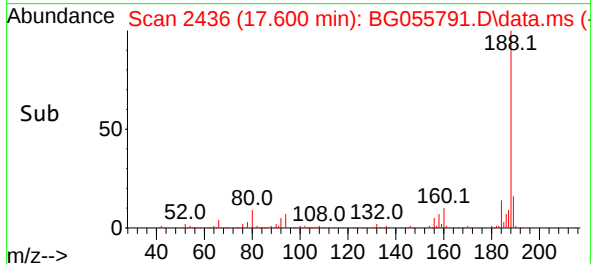
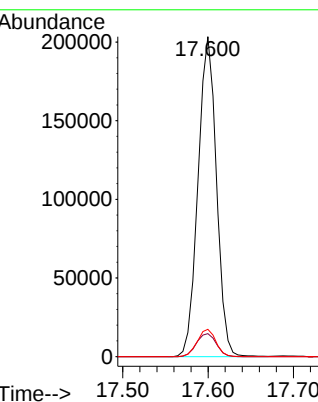
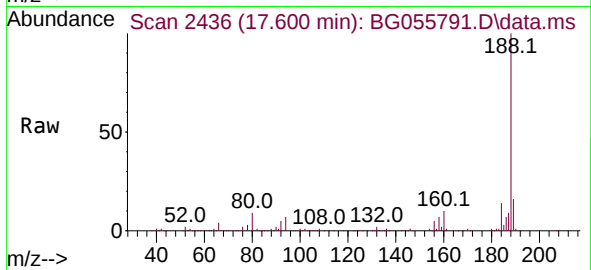
Tgt Ion:188 Resp: 305100

Ion Ratio Lower Upper

188 100

94 7.2 5.4 8.2

80 8.5 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.895 min Scan# 3167

Delta R.T. -0.007 min

Lab File: BG055791.D

Acq: 25 Nov 2022 22:06

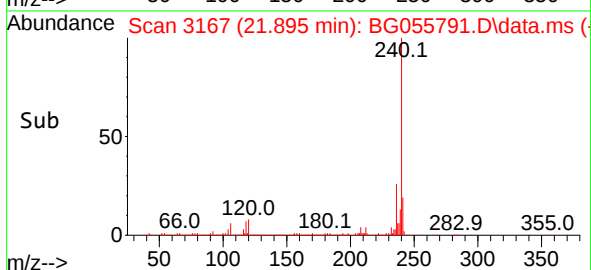
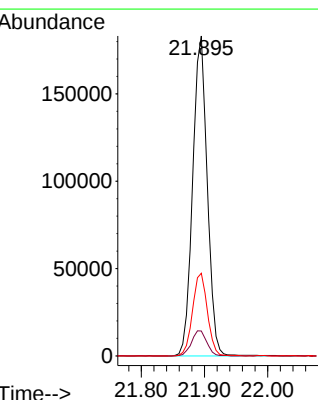
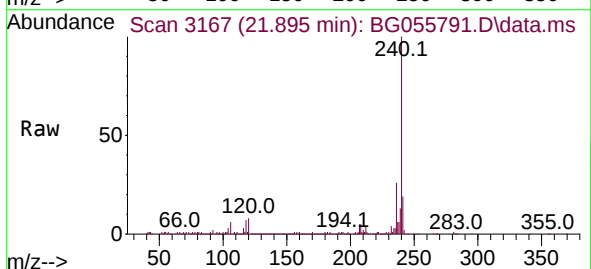
Tgt Ion:240 Resp: 293295

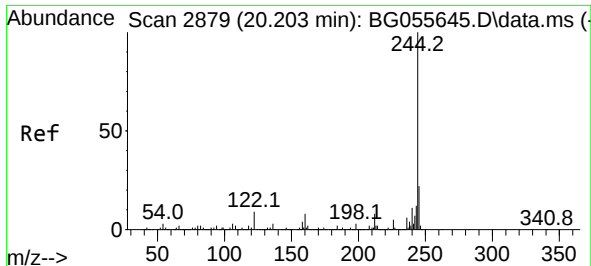
Ion Ratio Lower Upper

240 100

120 7.8 6.3 9.5

236 25.8 21.9 32.9

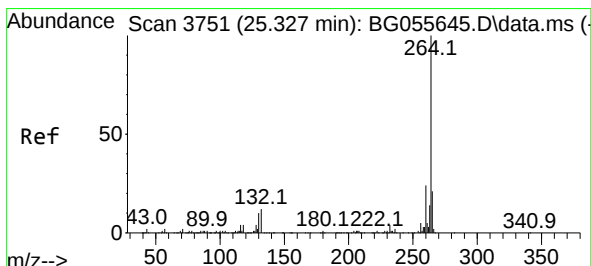
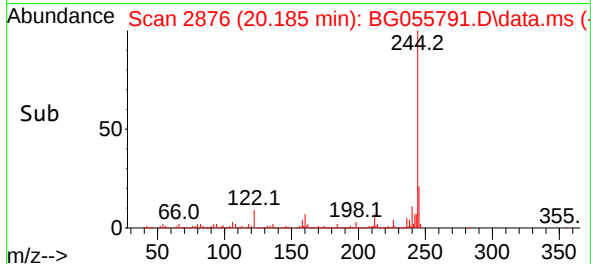
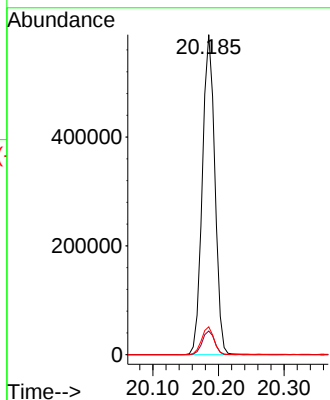
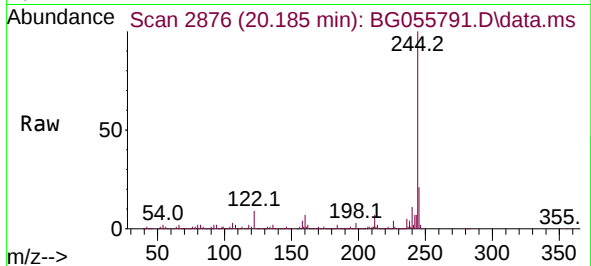




#79
 Terphenyl-d14
 Concen: 52.812 ng
 RT: 20.185 min Scan# 2879
 Delta R.T. -0.007 min
 Lab File: BG055791.D
 Acq: 25 Nov 2022 22:06

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-6

Tgt Ion:244 Resp: 774426
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 8.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 3745
 Delta R.T. -0.013 min
 Lab File: BG055791.D
 Acq: 25 Nov 2022 22:06

Tgt Ion:264 Resp: 306130
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.0 17.1 25.7

