

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055792.D
 Acq On : 25 Nov 2022 22:48
 Operator : CG/JU
 Sample : N5641-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-10

Quant Time: Nov 26 00:30:17 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)

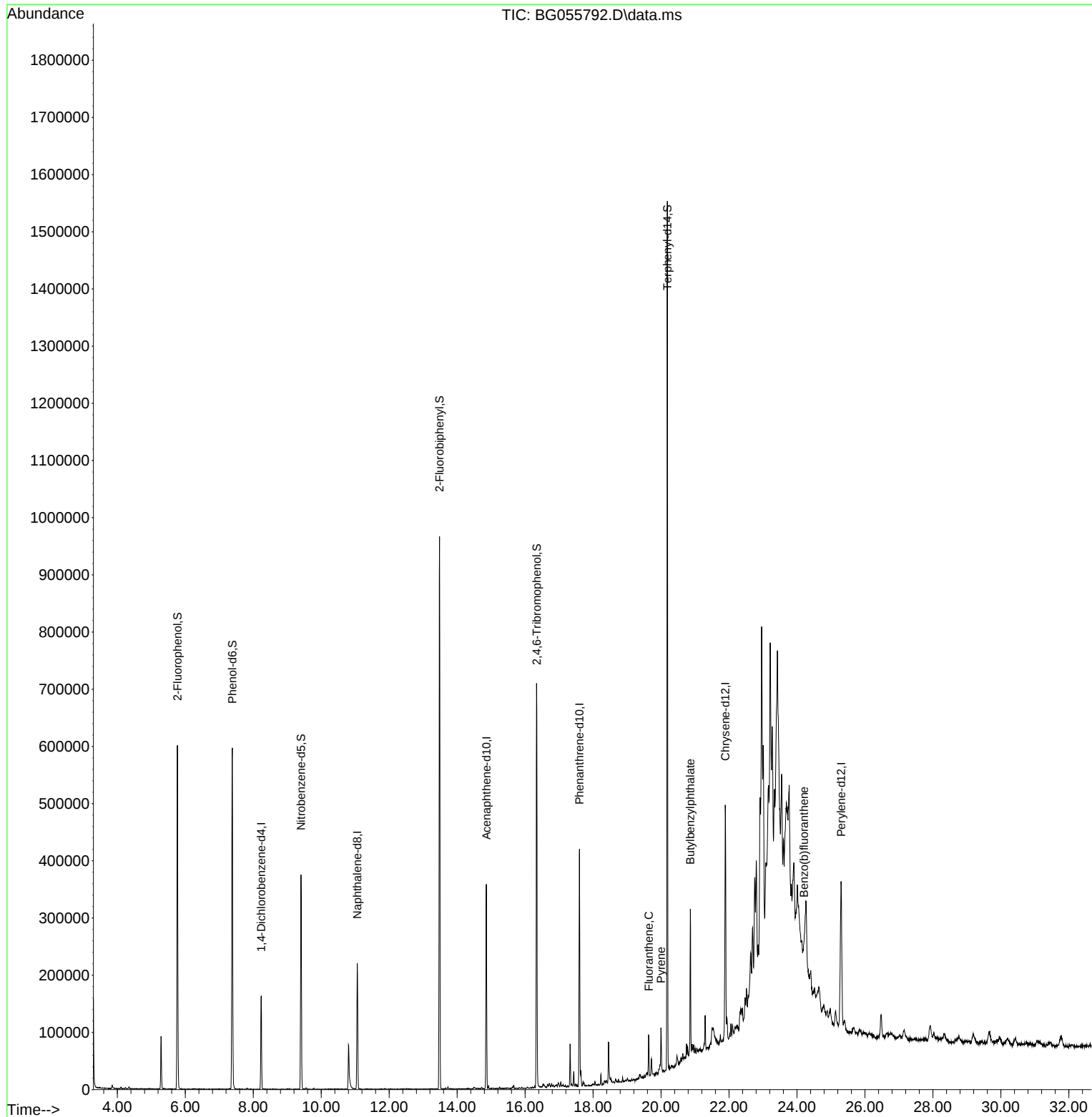
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	48419	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	193998	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	127315	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	270093	20.000	ng	0.00
76) Chrysene-d12	21.890	240	260686	20.000	ng	-0.01
86) Perylene-d12	25.298	264	272948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	268235	100.134	ng	0.00
7) Phenol-d6	7.384	99	347862	97.554	ng	0.00
23) Nitrobenzene-d5	9.405	82	217571	59.277	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	153759	85.767	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	510135	60.028	ng	0.00
79) Terphenyl-d14	20.186	244	760323	58.336	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.640	202	44265	2.496	ng	100
78) Pyrene	19.998	202	43047	2.440	ng	97
80) Butylbenzylphthalate	20.862	149	79880	11.564	ng	99
88) Benzo(b)fluoranthene	24.205	252	40996	2.306	ng	# 91

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

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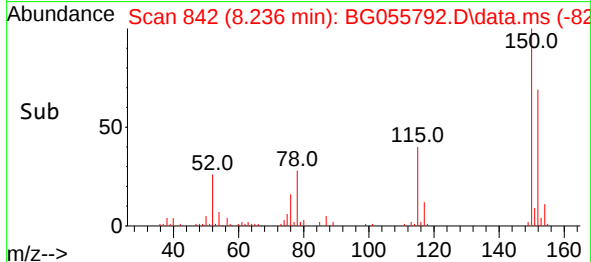
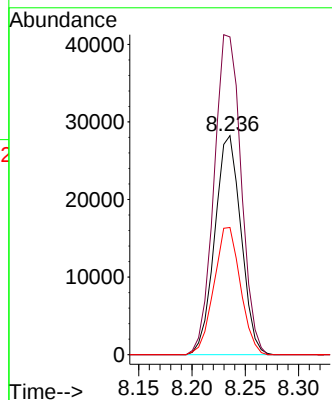
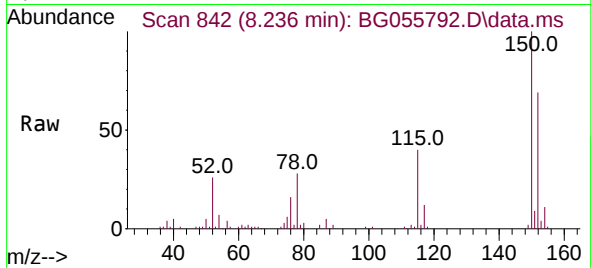




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.236 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

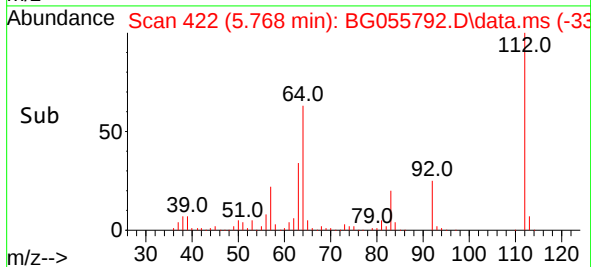
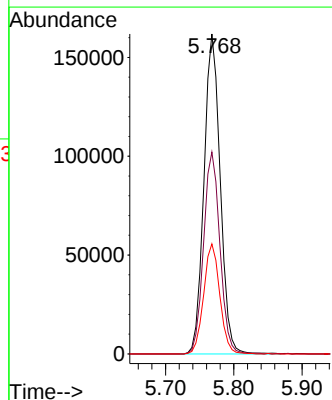
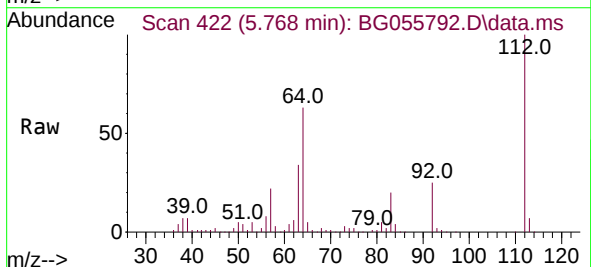
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-10

Tgt Ion:152 Resp: 48419
Ion Ratio Lower Upper
152 100
150 145.0 123.0 184.6
115 58.1 47.0 70.4



#5
2-Fluorophenol
Concen: 100.134 ng
RT: 5.768 min Scan# 422
Delta R.T. 0.000 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:112 Resp: 268235
Ion Ratio Lower Upper
112 100
64 63.1 50.6 76.0
63 34.4 27.5 41.3

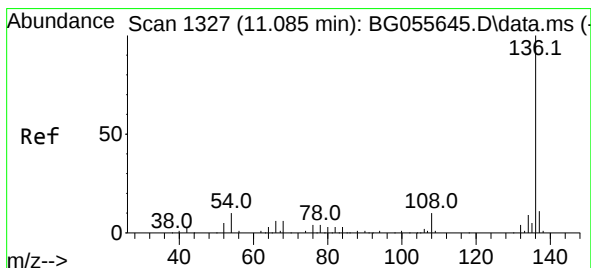
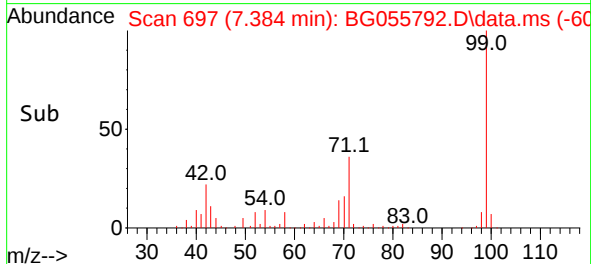
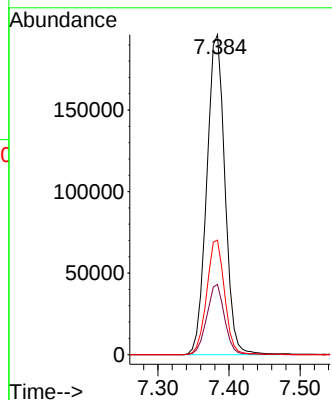
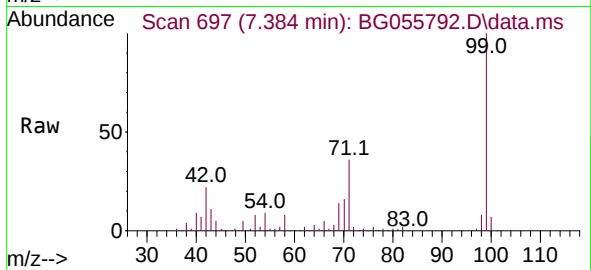




#7
Phenol-d6
Concen: 97.554 ng
RT: 7.384 min Scan# 69
Delta R.T. 0.000 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

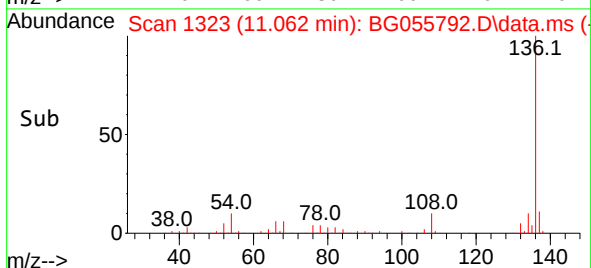
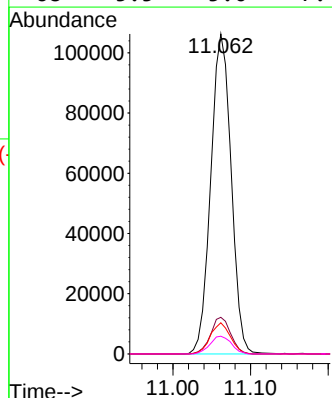
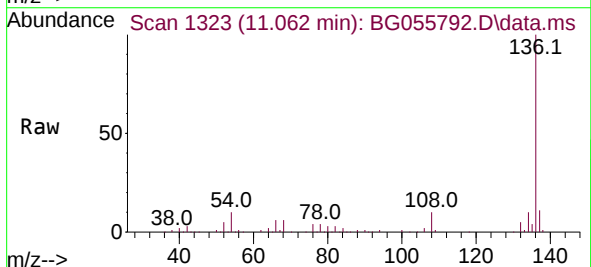
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-10

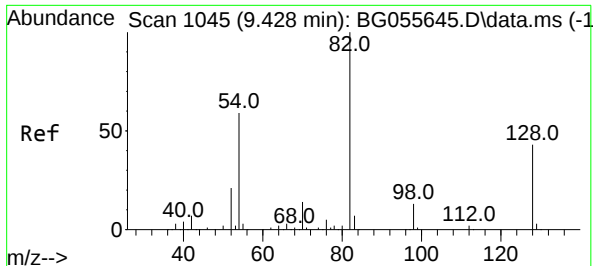
Tgt Ion: 99 Resp: 347862
Ion Ratio Lower Upper
99 100
42 21.9 18.0 27.0
71 35.8 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:136 Resp: 193998
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.7 7.8 11.6
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 59.277 ng

RT: 9.405 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-10

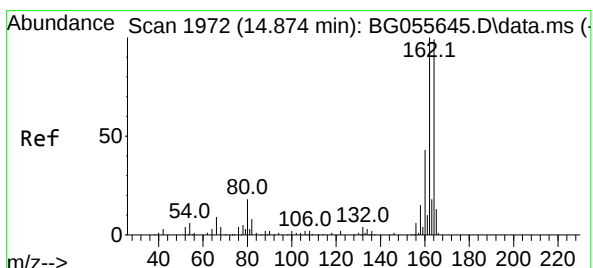
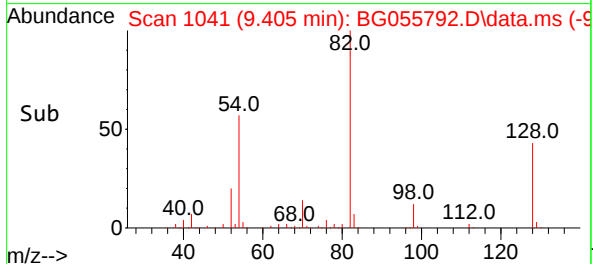
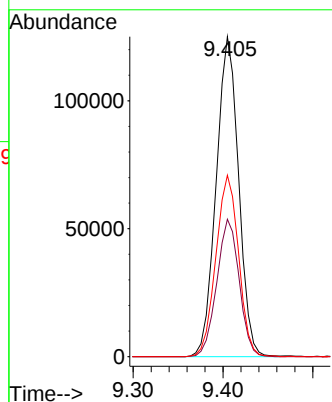
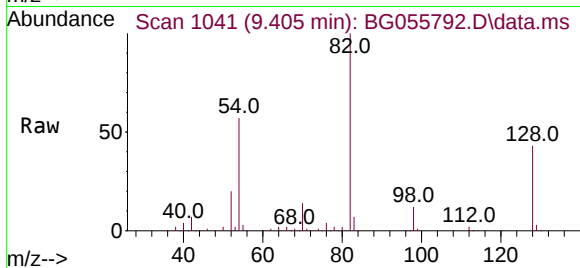
Tgt Ion: 82 Resp: 217571

Ion Ratio Lower Upper

82 100

128 42.9 34.1 51.1

54 56.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

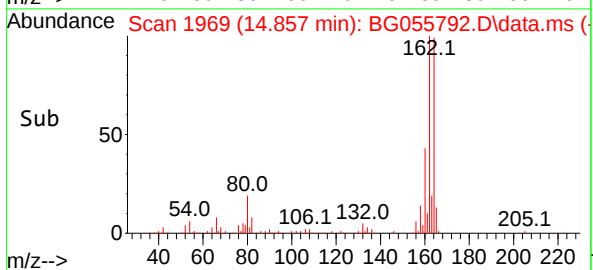
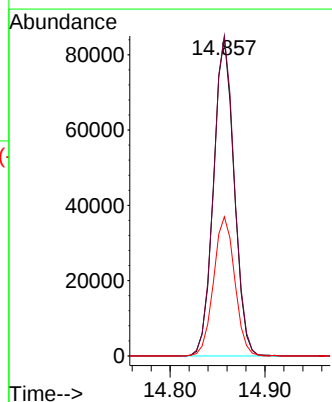
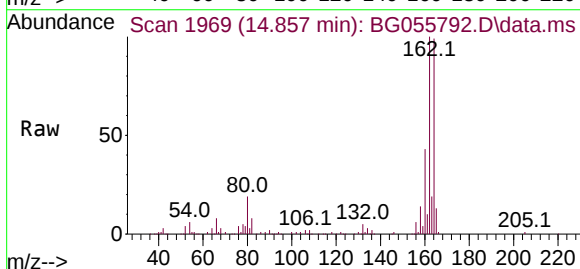
Tgt Ion:164 Resp: 127315

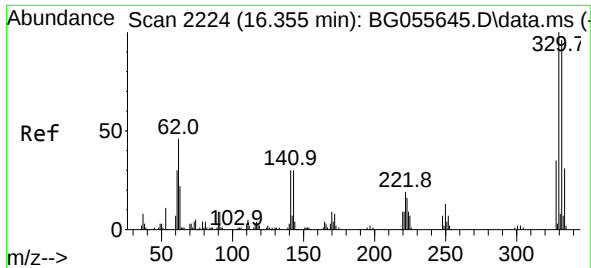
Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

160 43.7 34.8 52.2

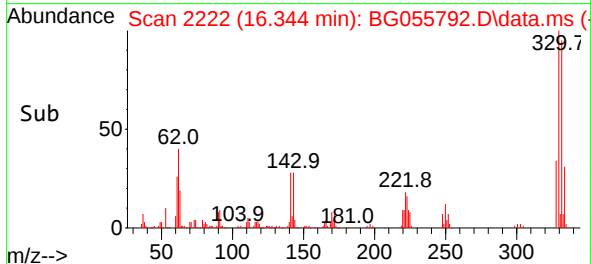
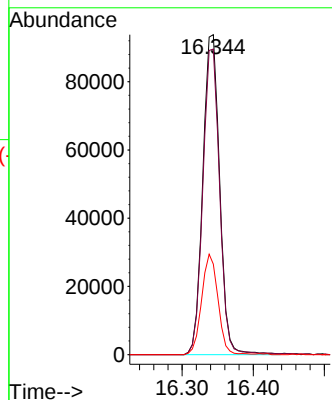
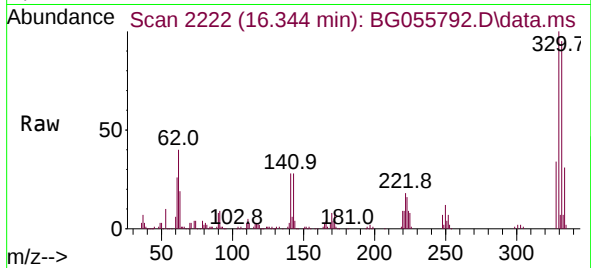




#42
2,4,6-Tribromophenol
Concen: 85.767 ng
RT: 16.344 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

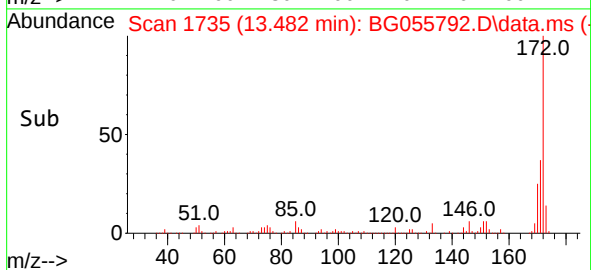
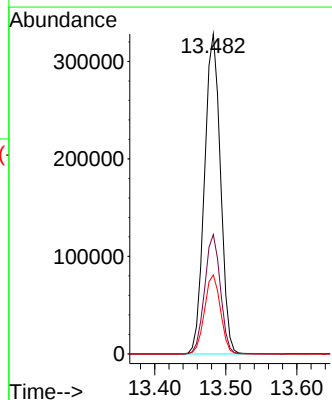
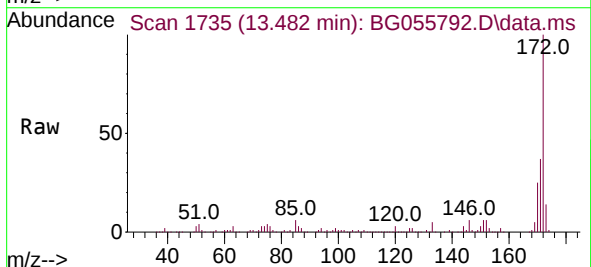
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-10

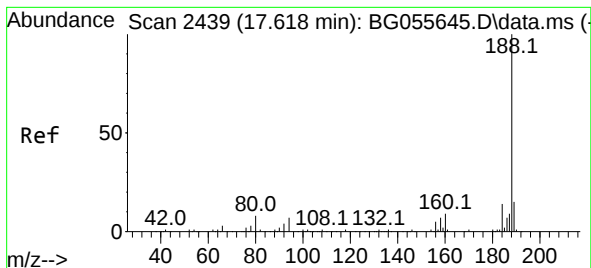
Tgt Ion:330 Resp: 153759
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 30.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 60.028 ng
RT: 13.482 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BG055792.D
Acq: 25 Nov 2022 22:48

Tgt Ion:172 Resp: 510135
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.7 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.601 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-10

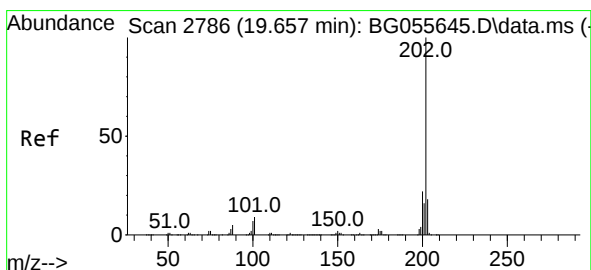
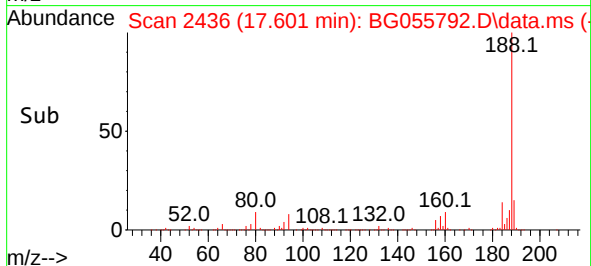
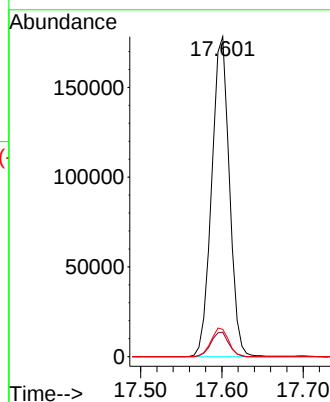
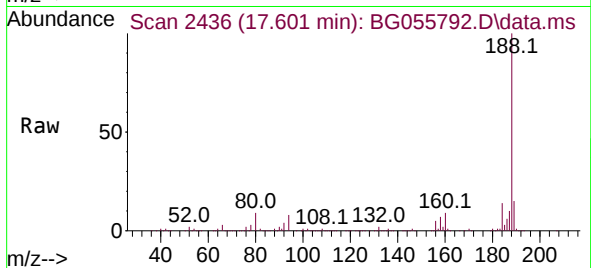
Tgt Ion:188 Resp: 270093

Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.2

80 8.5 6.6 10.0



#75

Fluoranthene

Concen: 2.496 ng

RT: 19.640 min Scan# 2783

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

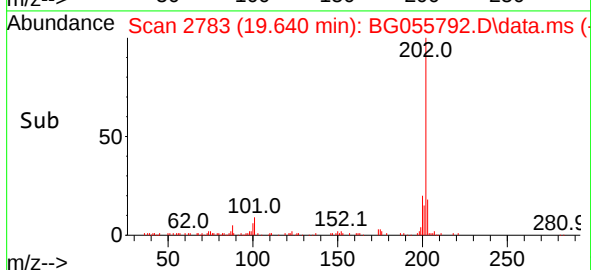
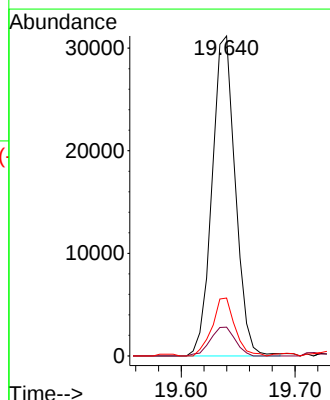
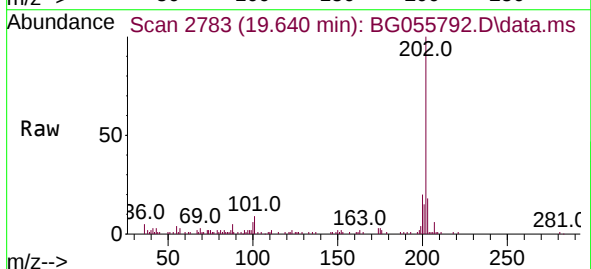
Tgt Ion:202 Resp: 44265

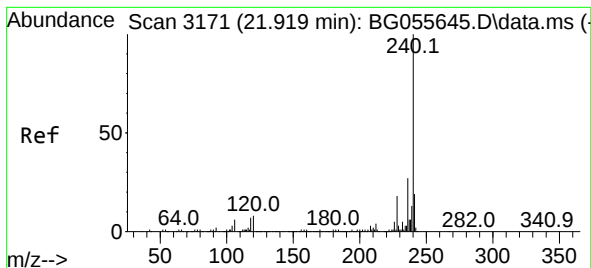
Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.8

203 18.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.890 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-10

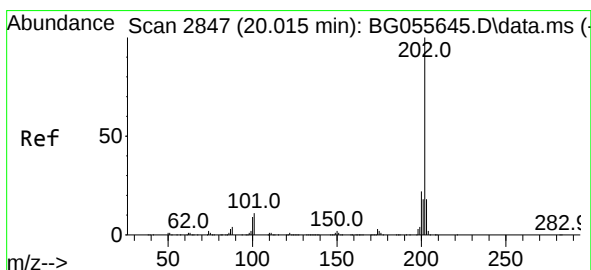
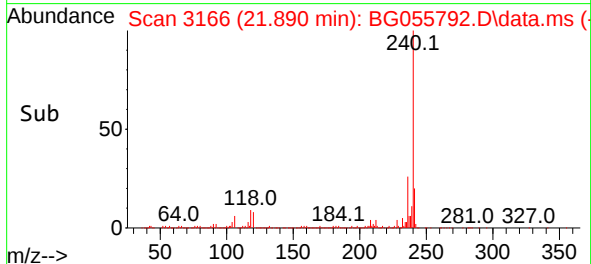
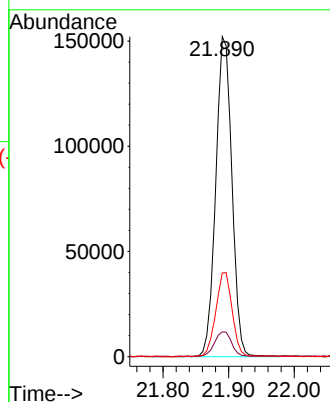
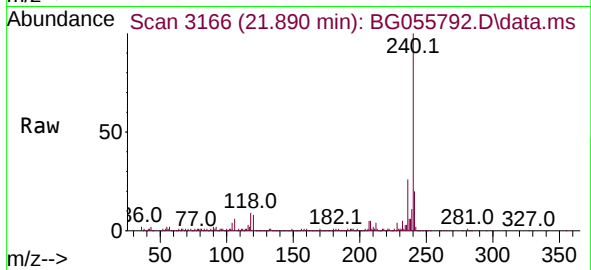
Tgt Ion:240 Resp: 260686

Ion Ratio Lower Upper

240 100

120 7.7 6.3 9.5

236 26.2 21.9 32.9



#78

Pyrene

Concen: 2.440 ng

RT: 19.998 min Scan# 2844

Delta R.T. -0.012 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

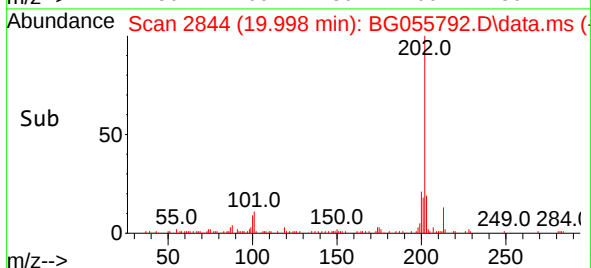
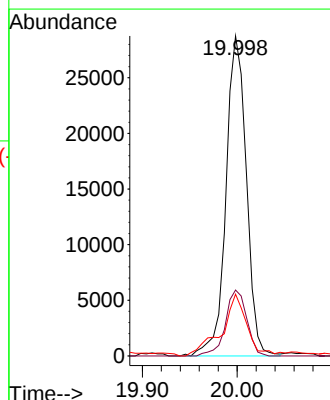
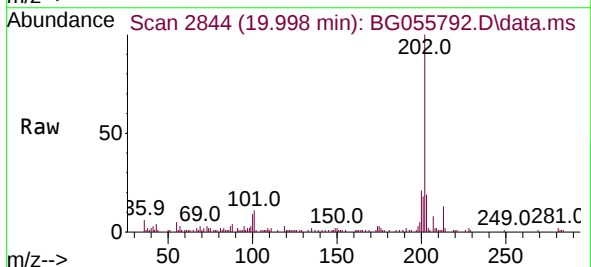
Tgt Ion:202 Resp: 43047

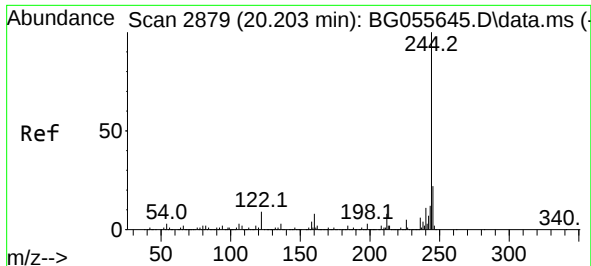
Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

203 19.3 14.4 21.6





#79

Terphenyl-d14

Concen: 58.336 ng

RT: 20.186 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

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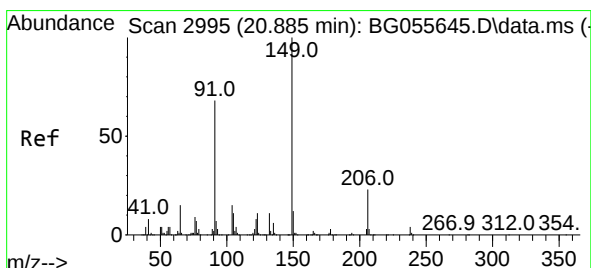
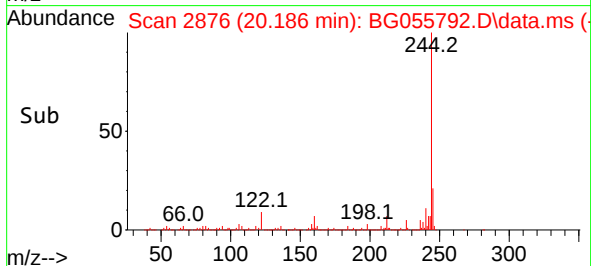
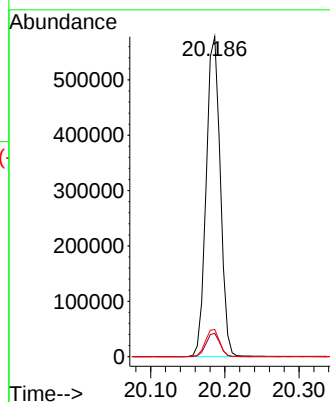
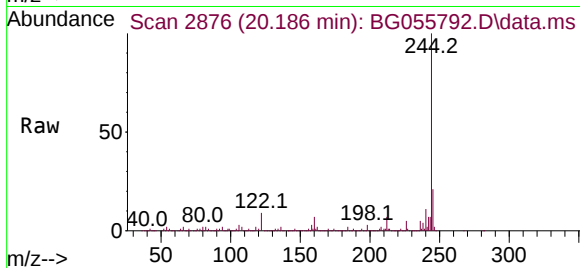
Tgt Ion:244 Resp: 760323

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

122 8.5 6.9 10.3



#80

Butylbenzylphthalate

Concen: 11.564 ng

RT: 20.862 min Scan# 2991

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

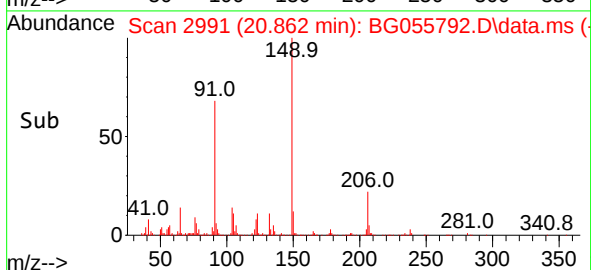
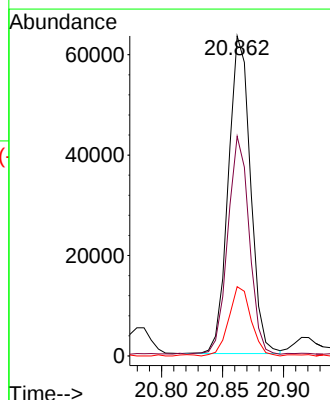
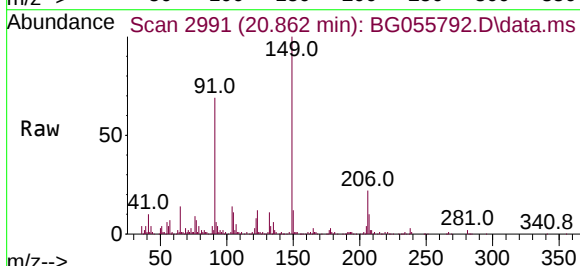
Tgt Ion:149 Resp: 79880

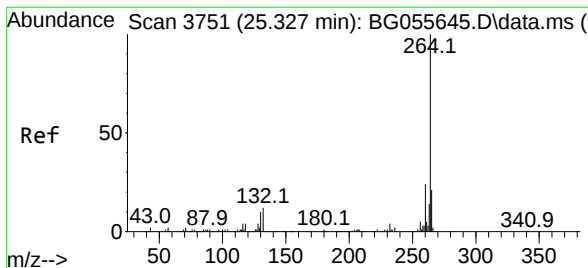
Ion Ratio Lower Upper

149 100

91 68.6 54.6 81.8

206 21.6 18.3 27.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.298 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-10

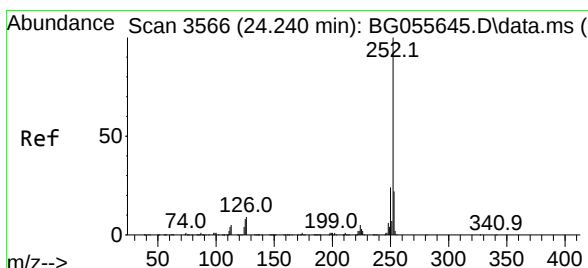
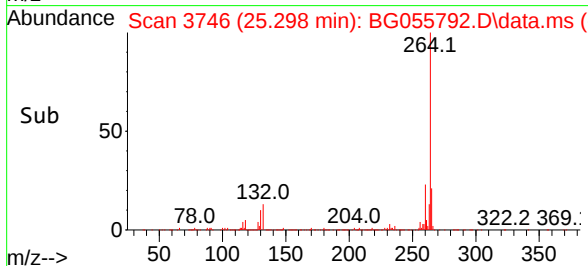
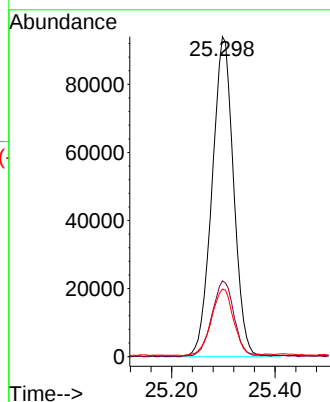
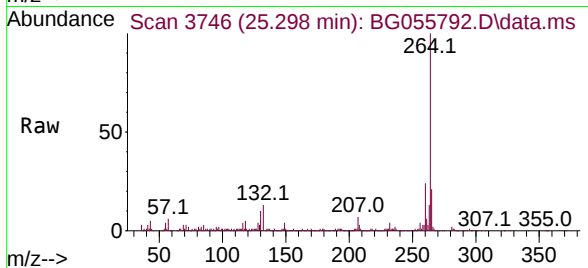
Tgt Ion:264 Resp: 272948

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.1 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 2.306 ng

RT: 24.205 min Scan# 3560

Delta R.T. -0.012 min

Lab File: BG055792.D

Acq: 25 Nov 2022 22:48

Tgt Ion:252 Resp: 40996

Ion Ratio Lower Upper

252 100

253 26.3 18.0 27.0

125 11.8 6.2 9.2#

