

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055695.D
 Acq On : 18 Nov 2022 18:12
 Operator : CG/JU
 Sample : N5698-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-3

Quant Time: Nov 18 23:58:08 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	8.249	152	30442	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	131537	20.000	ng	-0.01
39) Acenaphthene-d10	14.870	164	108544	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	289502	20.000	ng	0.00
76) Chrysene-d12	21.909	240	261538	20.000	ng	-0.01
86) Perylene-d12	25.323	264	276672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	189799	112.695	ng	0.00
7) Phenol-d6	7.391	99	251348	112.113	ng	0.00
23) Nitrobenzene-d5	9.418	82	152575	61.308	ng	-0.01
42) 2,4,6-Tribromophenol	16.357	330	195992	128.230	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	429040	59.216	ng	0.00
79) Terphenyl-d14	20.199	244	828147	63.333	ng	0.00

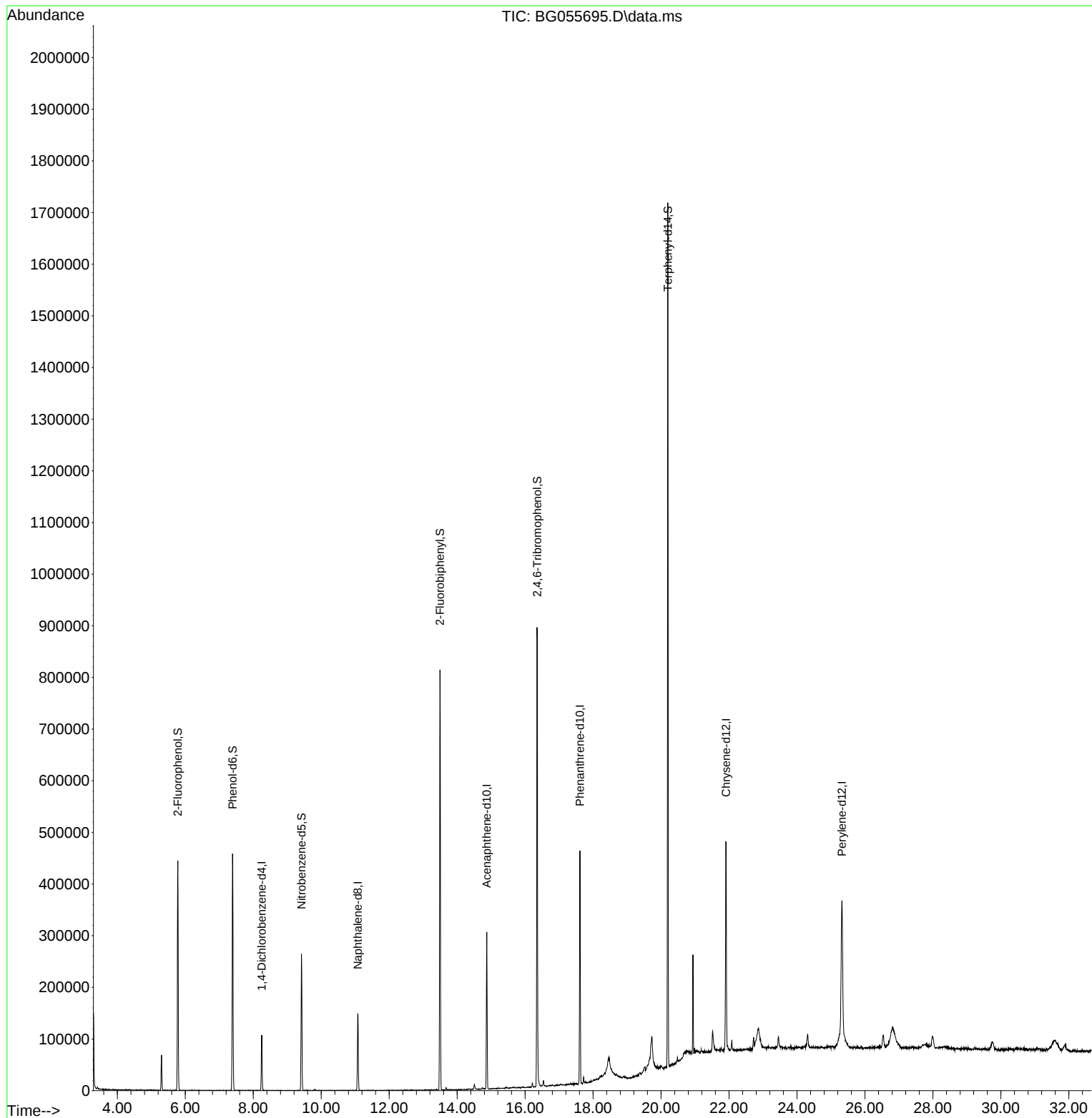
Target Compounds	Qvalue

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

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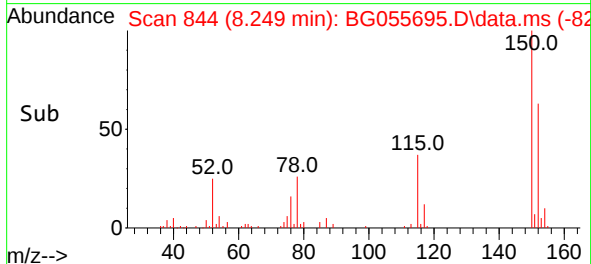
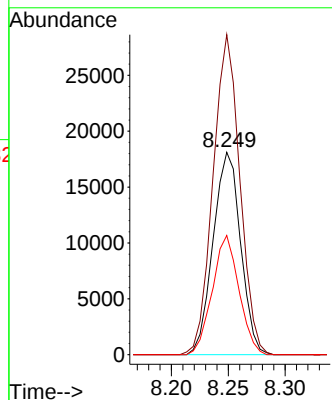
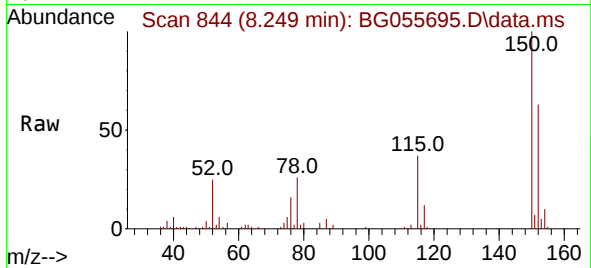




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

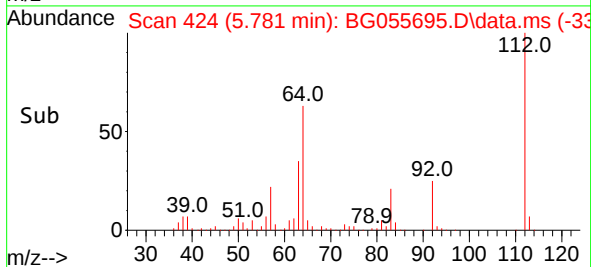
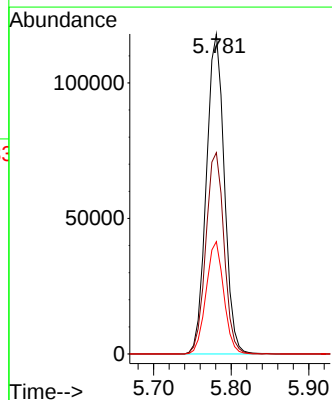
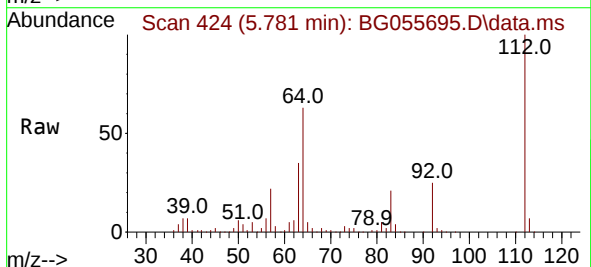
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

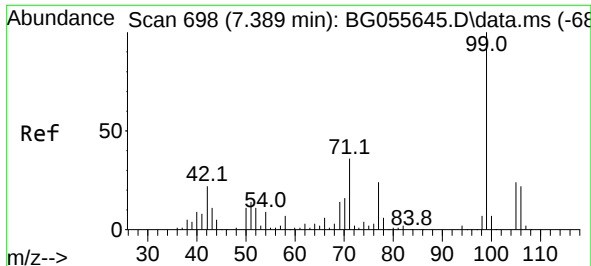
Tgt Ion:152 Resp: 30442
Ion Ratio Lower Upper
152 100
150 158.1 123.0 184.6
115 58.9 47.0 70.4



#5
2-Fluorophenol
Concen: 112.695 ng
RT: 5.781 min Scan# 424
Delta R.T. 0.002 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

Tgt Ion:112 Resp: 189799
Ion Ratio Lower Upper
112 100
64 62.9 50.6 76.0
63 35.1 27.5 41.3

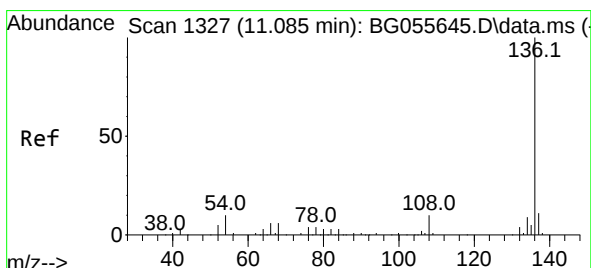
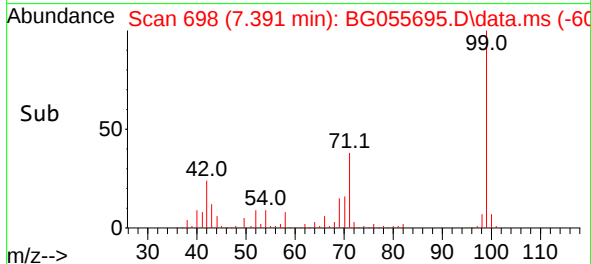
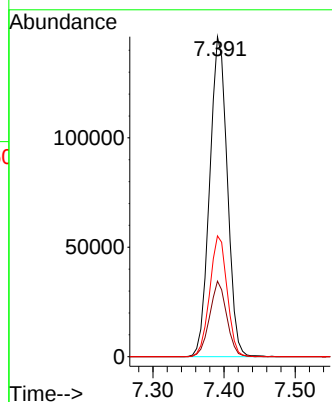
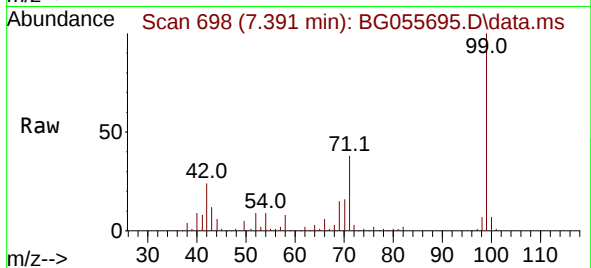




#7
Phenol-d6
Concen: 112.113 ng
RT: 7.391 min Scan# 698
Delta R.T. 0.002 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

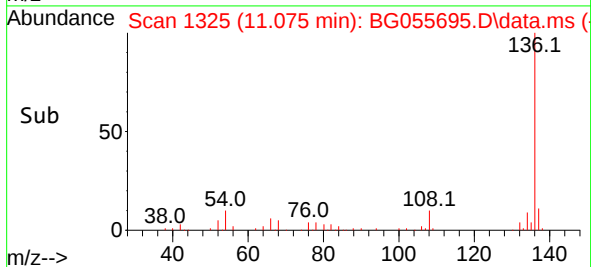
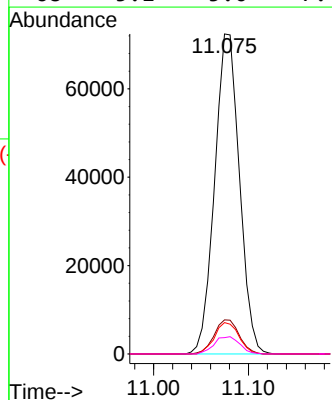
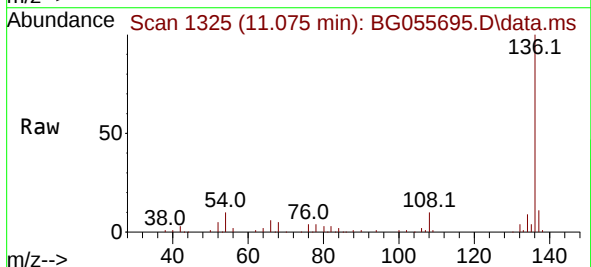
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

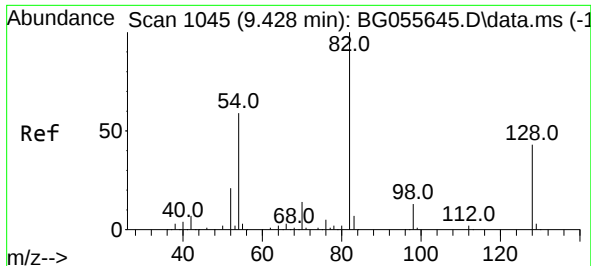
Tgt Ion: 99 Resp: 251348
Ion Ratio Lower Upper
99 100
42 23.6 18.0 27.0
71 37.8 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1325
Delta R.T. -0.010 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

Tgt Ion:136 Resp: 131537
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.8 7.8 11.6
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 61.308 ng

RT: 9.418 min Scan# 1043

Delta R.T. -0.010 min

Lab File: BG055695.D

Acq: 18 Nov 2022 18:12

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-3

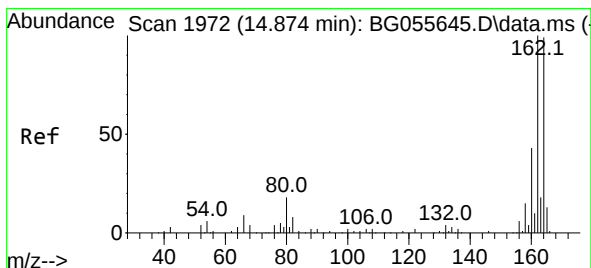
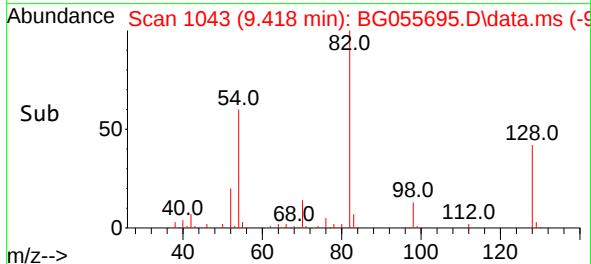
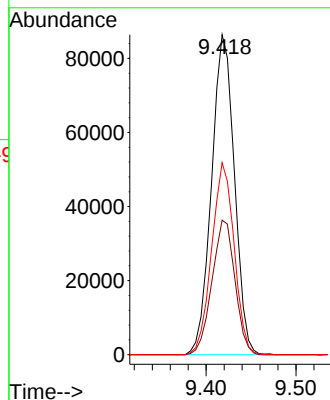
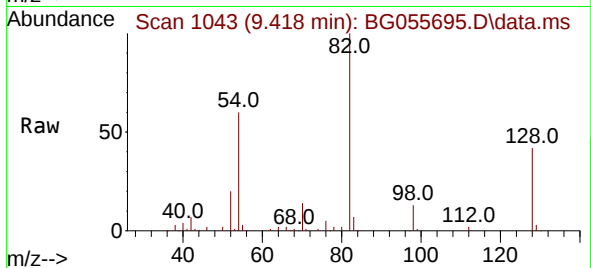
Tgt Ion: 82 Resp: 152575

Ion Ratio Lower Upper

82 100

128 42.1 34.1 51.1

54 60.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.870 min Scan# 1971

Delta R.T. -0.004 min

Lab File: BG055695.D

Acq: 18 Nov 2022 18:12

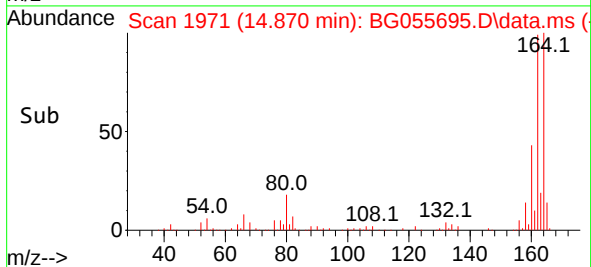
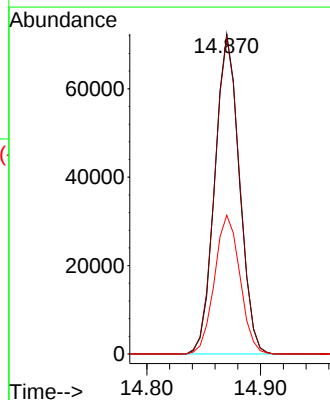
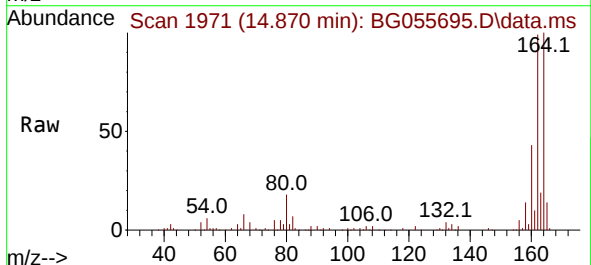
Tgt Ion:164 Resp: 108544

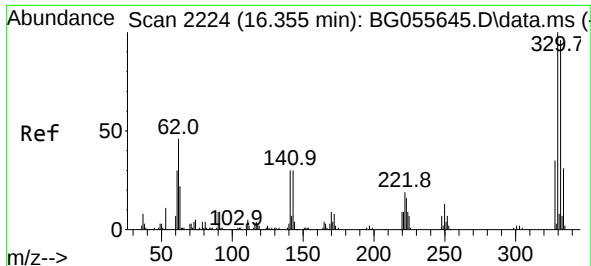
Ion Ratio Lower Upper

164 100

162 99.1 81.1 121.7

160 43.4 34.8 52.2

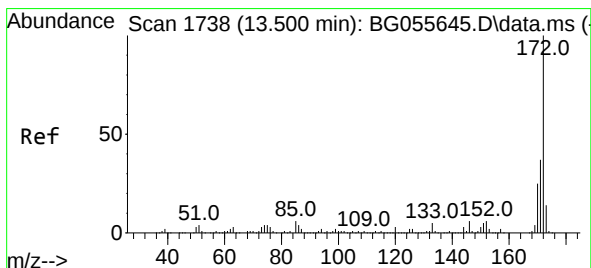
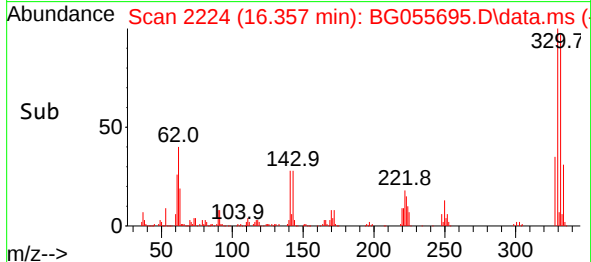
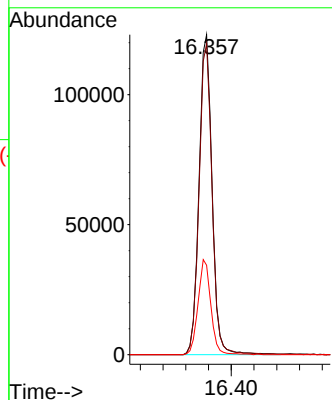
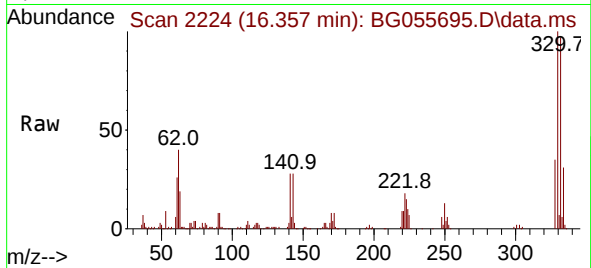




#42
 2,4,6-Tribromophenol
 Concen: 128.230 ng
 RT: 16.357 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055695.D
 Acq: 18 Nov 2022 18:12

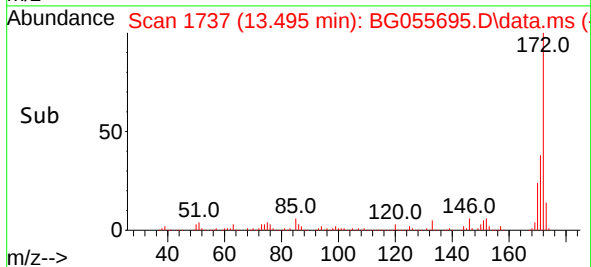
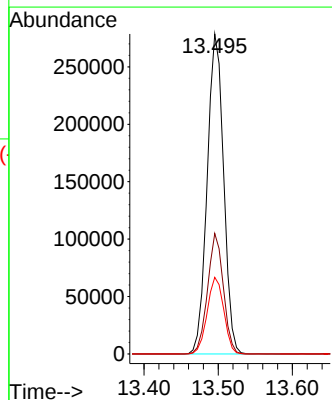
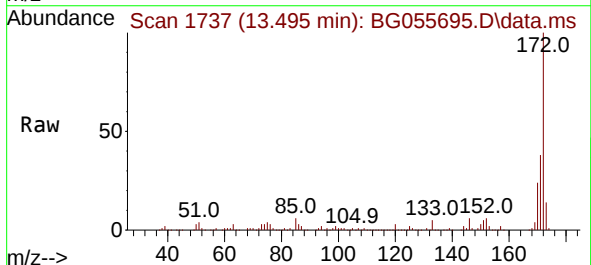
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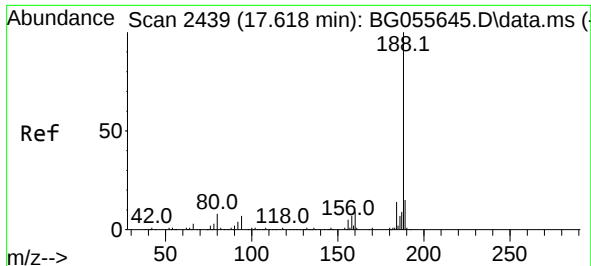
Tgt Ion:330 Resp: 195992
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.8 116.8
 141 29.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 59.216 ng
 RT: 13.495 min Scan# 1737
 Delta R.T. -0.004 min
 Lab File: BG055695.D
 Acq: 18 Nov 2022 18:12

Tgt Ion:172 Resp: 429040
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 23.9 20.2 30.4

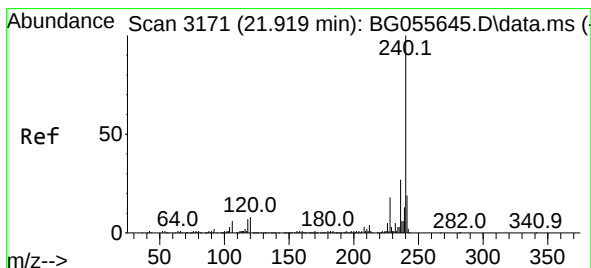
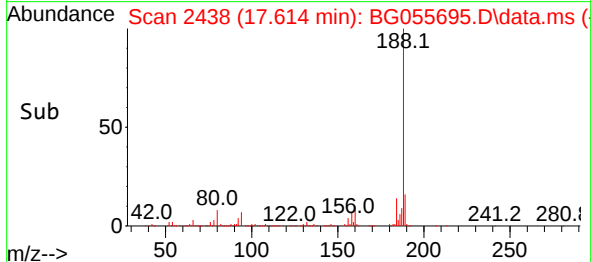
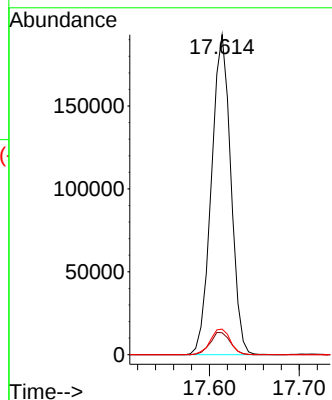
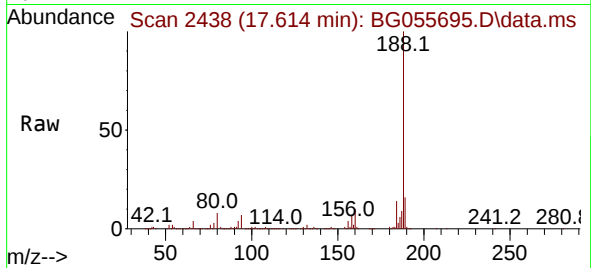




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

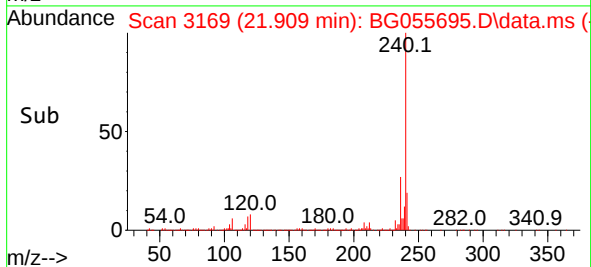
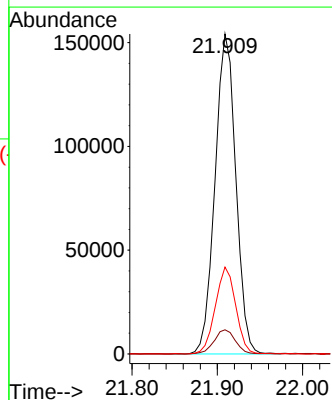
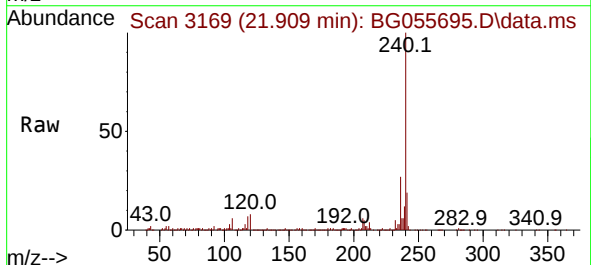
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BANK-RUN-SOIL-SAMPLE-3

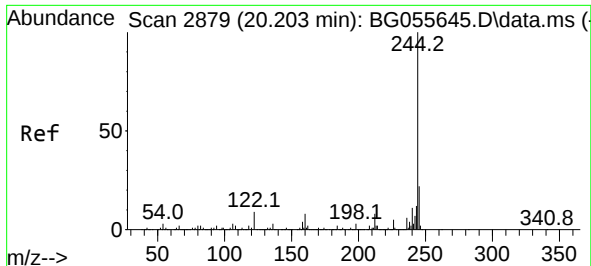
Tgt Ion:188 Resp: 289502
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.909 min Scan# 3169
Delta R.T. -0.010 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

Tgt Ion:240 Resp: 261538
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 27.2 21.9 32.9

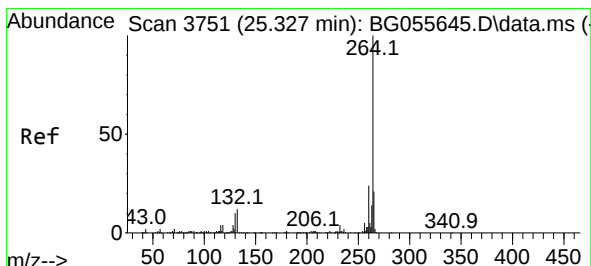
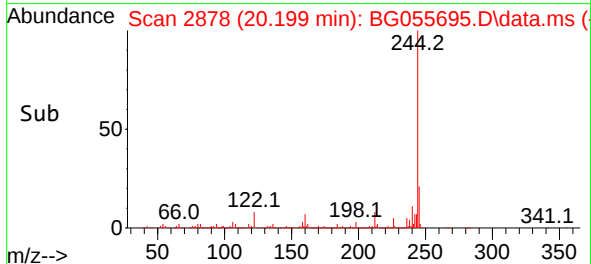
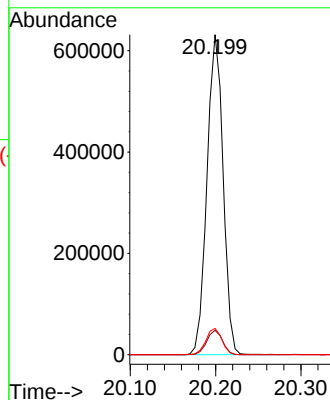
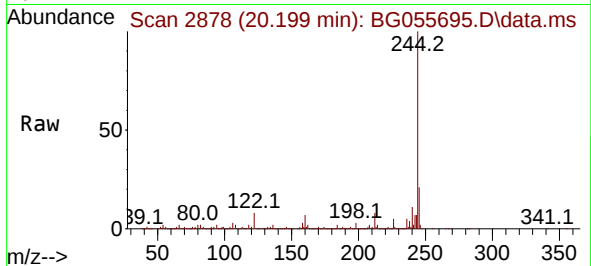




#79
 Terphenyl-d14
 Concen: 63.333 ng
 RT: 20.199 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055695.D
 Acq: 18 Nov 2022 18:12

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 828147
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.2 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.323 min Scan# 3750
 Delta R.T. -0.004 min
 Lab File: BG055695.D
 Acq: 18 Nov 2022 18:12

Tgt Ion:264 Resp: 276672
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.0 17.1 25.7

