

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

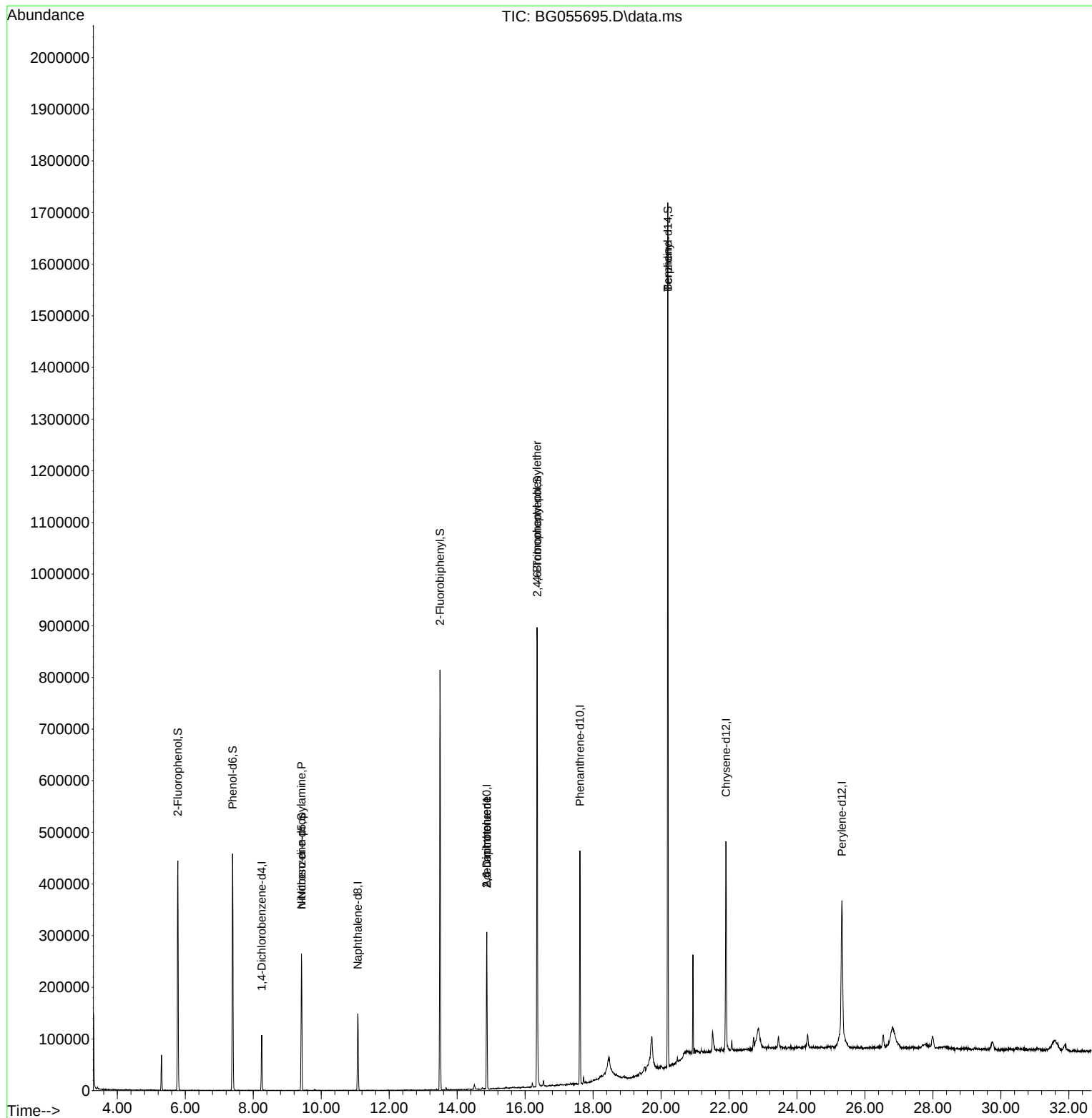
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	30442	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	131537	20.000	ng	-0.01
39) Acenaphthene-d10	14.870	164	108544	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	289502	20.000	ng	0.00
76) Chrysene-d12	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						
19) n-Nitroso-di-n-propyla...	9.418	70	20976	12.177	ng	# 76
51) 2,6-Dinitrotoluene	14.870	165	14303	8.084	ng	# 24
57) 2,4-Dinitrotoluene	14.870	165	14303	5.734	ng	# 22
67) 4-Bromophenyl-phenylether	16.351	248	12524	3.797	ng	# 1
77) Benzidine	20.199	184	12986	2.146	ng	# 88

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

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

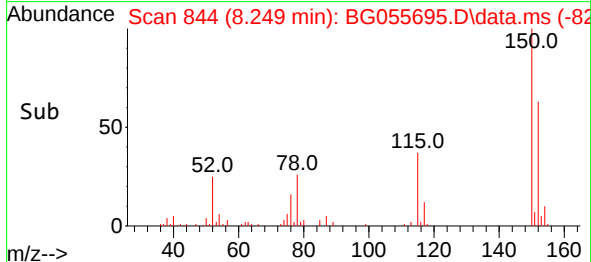
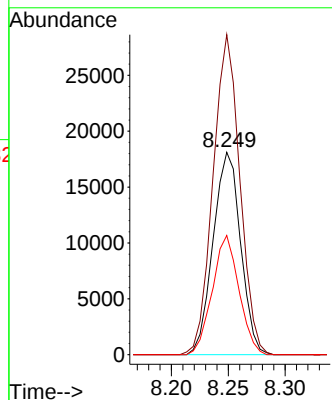
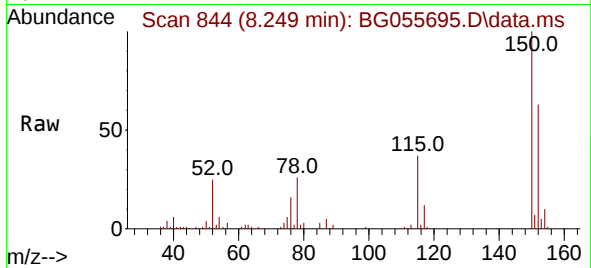




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

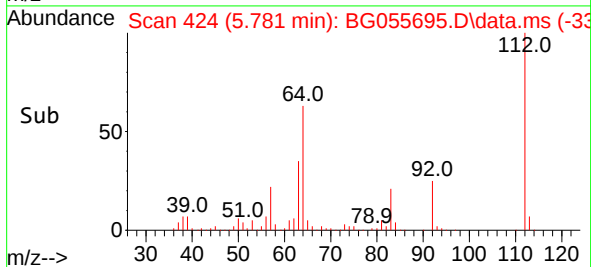
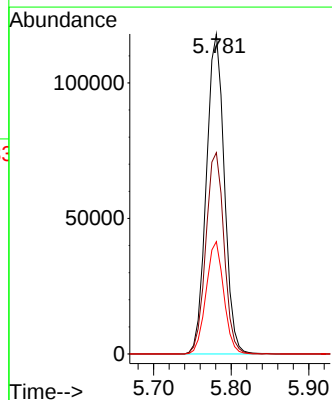
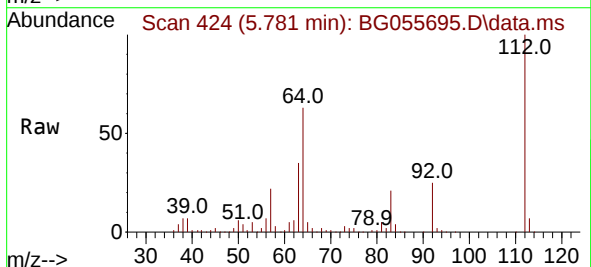
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

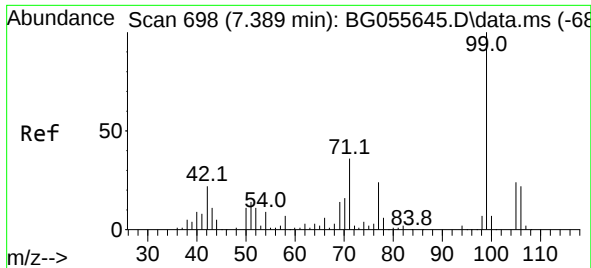
Tgt Ion:152 Resp: 30442
Ion Ratio Lower Upper
152 100
150 158.1 123.0 184.6
115 58.9 47.0 70.4



#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

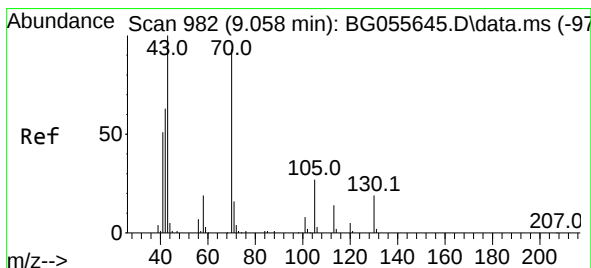
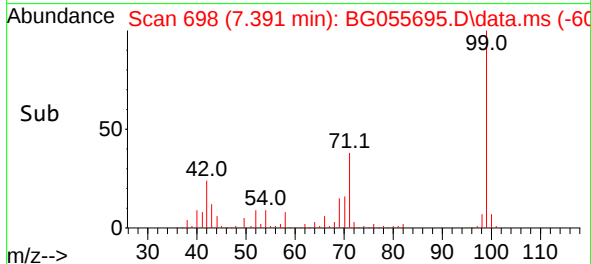
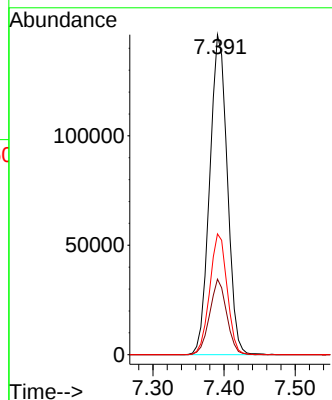
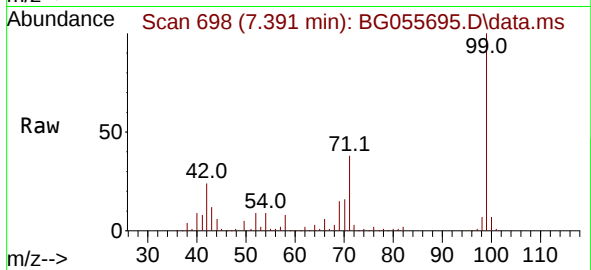




#7
Phenol-d6
Concen: 112.113 ng
RT: 7.391 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

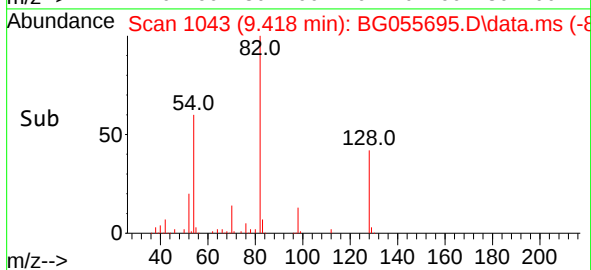
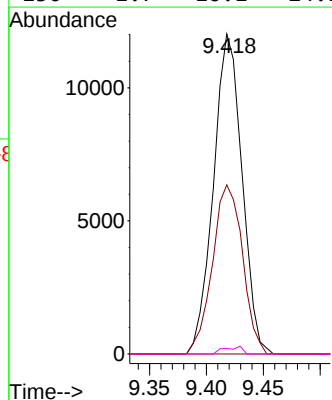
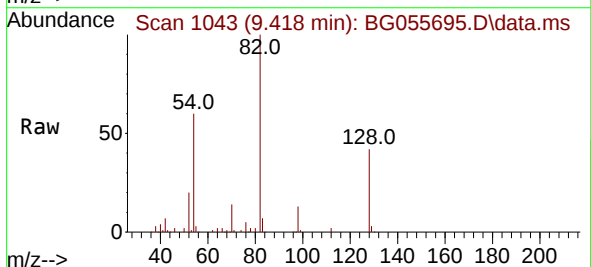
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

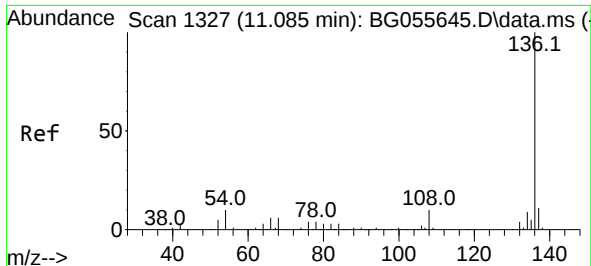
Tgt Ion: 99 Resp: 251348
Ion Ratio Lower Upper
99 100
42 23.6 18.0 27.0
71 37.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.177 ng
RT: 9.418 min Scan# 1043
Delta R.T. 0.360 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

Tgt Ion: 70 Resp: 20976
Ion Ratio Lower Upper
70 100
42 52.8 55.2 82.8#
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

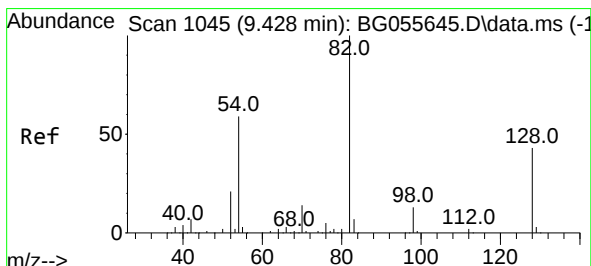
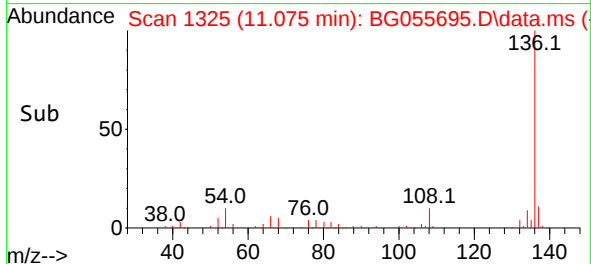
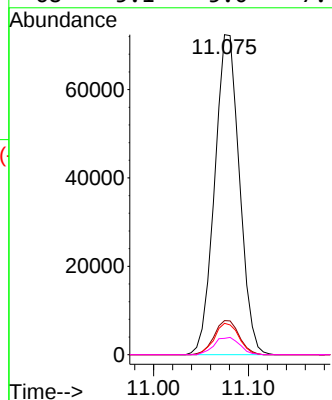
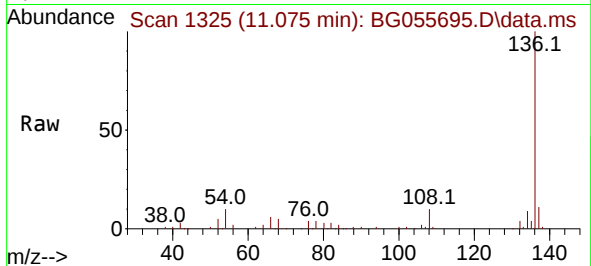




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

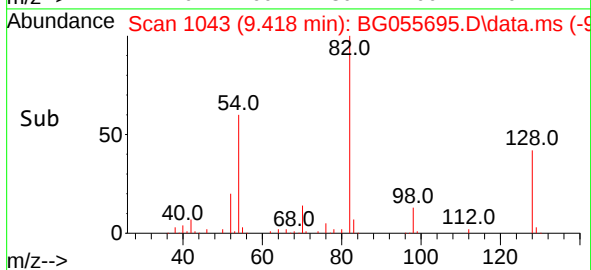
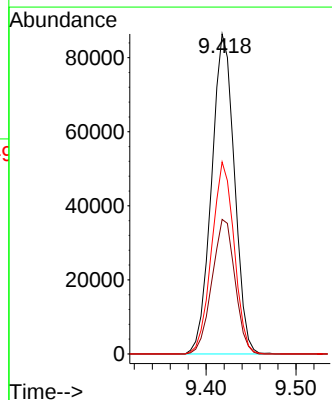
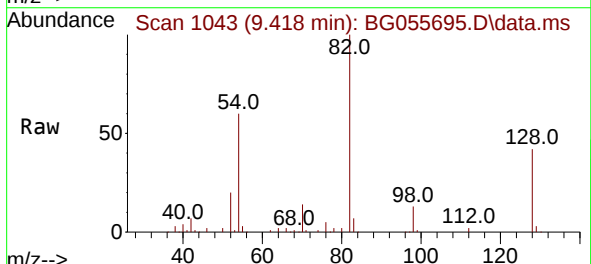
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

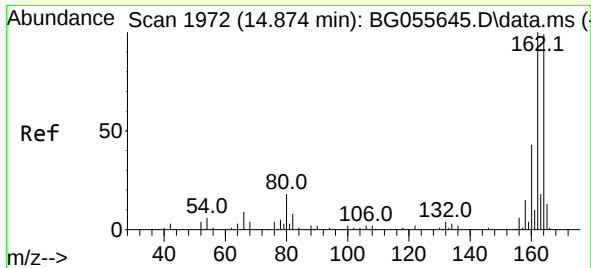
Tgt Ion:	136	Resp:	131537
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	9.8	7.8	11.6
68	5.1	5.0	7.4



#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

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

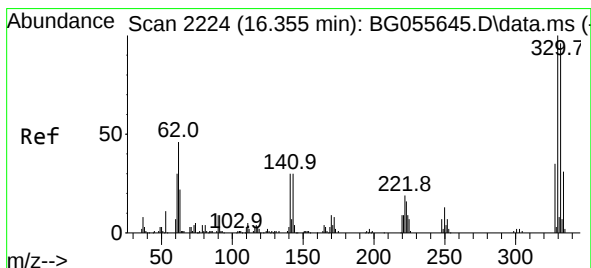
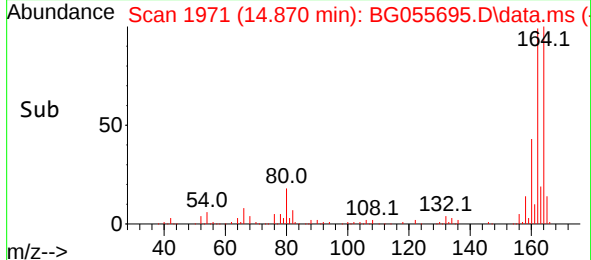
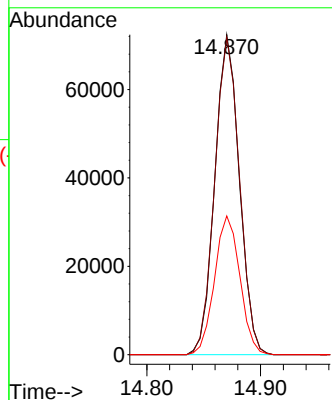
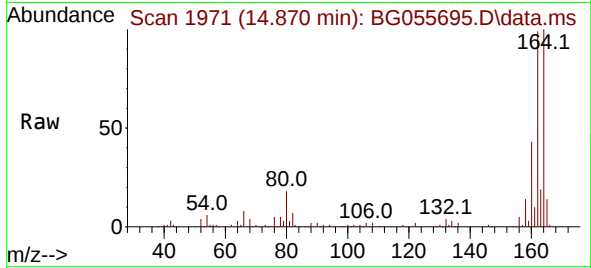




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

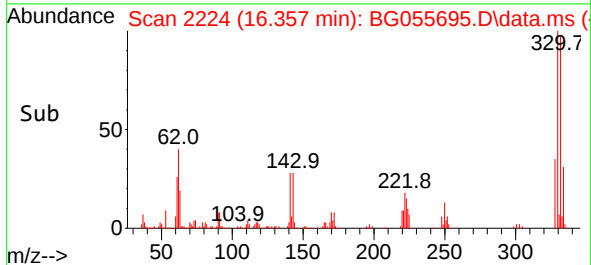
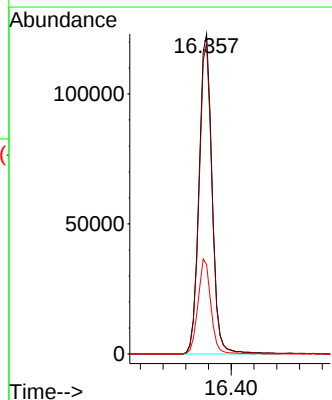
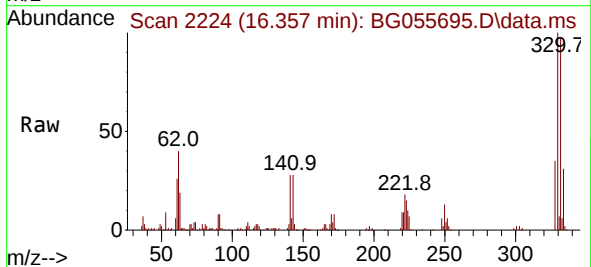
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

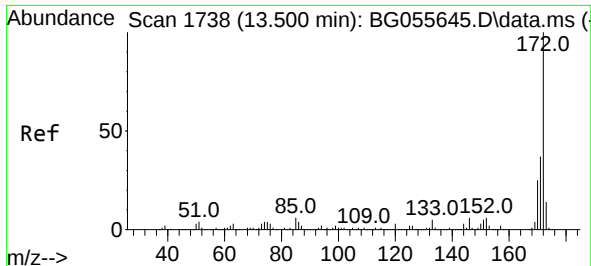
Tgt Ion:164 Resp: 108544
Ion Ratio Lower Upper
164 100
162 99.1 81.1 121.7
160 43.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 128.230 ng
RT: 16.357 min Scan# 2224
Delta R.T. 0.002 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

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

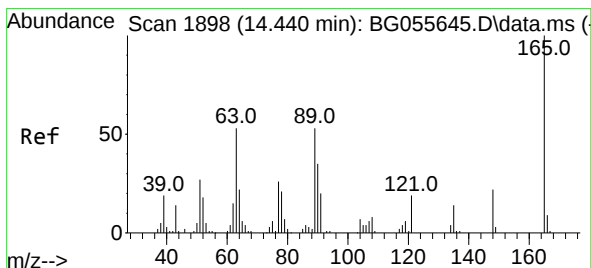
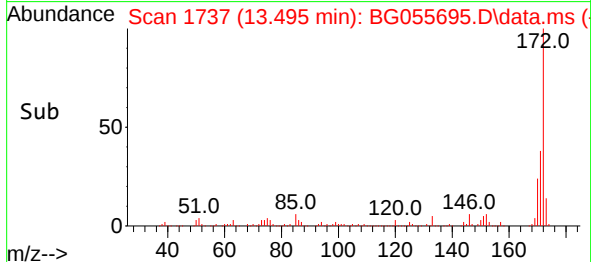
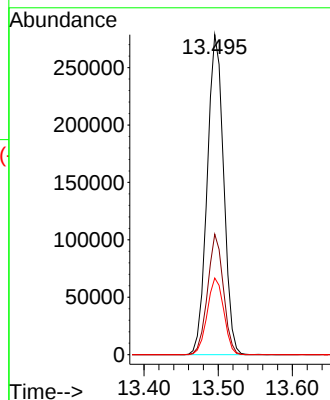
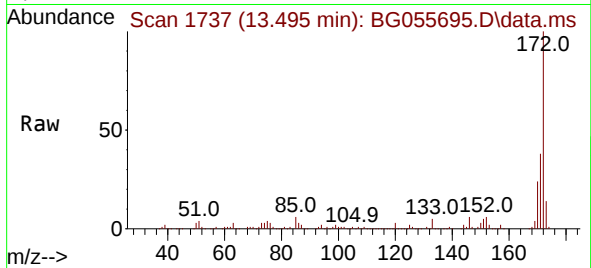




#45
2-Fluorobiphenyl
Concen: 59.216 ng
RT: 13.495 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

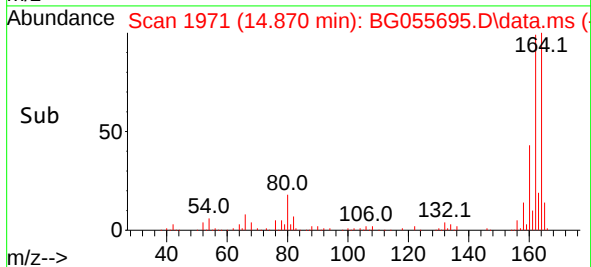
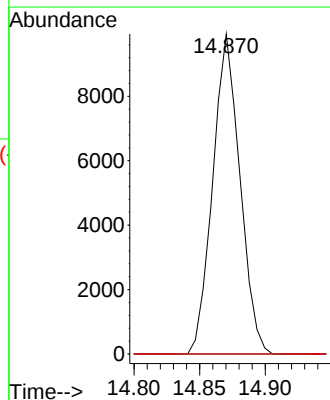
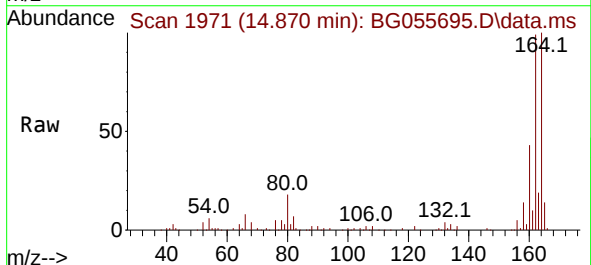
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

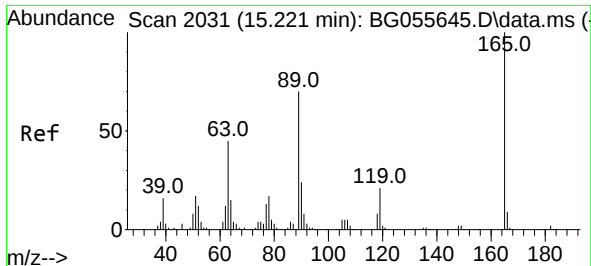
Tgt Ion:172 Resp: 429040
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 23.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 14.870 min Scan# 1971
Delta R.T. 0.431 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

Tgt Ion:165 Resp: 14303
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.734 ng

RT: 14.870 min Scan# 14

Delta R.T. -0.351 min

Lab File: BG055695.D

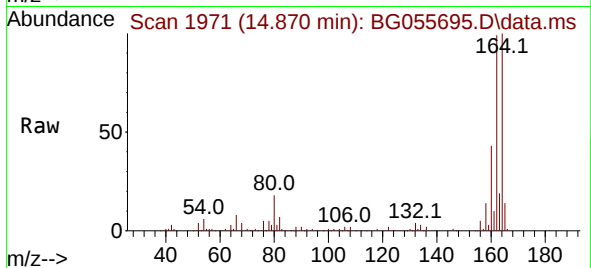
Acq: 18 Nov 2022 18:12

Instrument :

BNA_G

ClientSampleId :

BANK-RUN-SOIL-SAMPLE-3



Tgt Ion:165 Resp: 14303

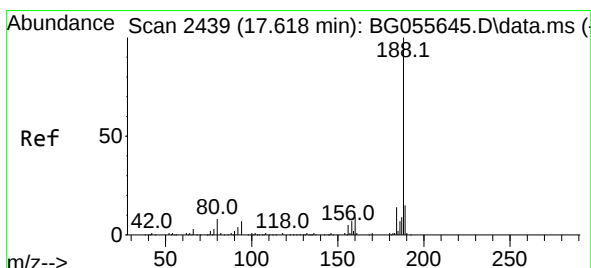
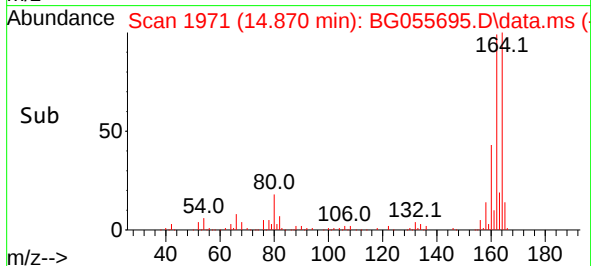
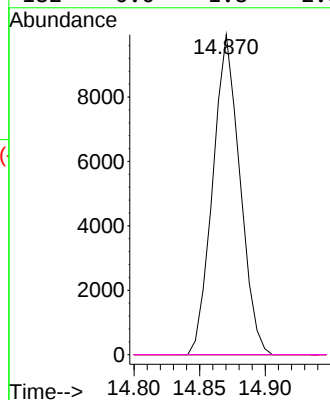
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.614 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BG055695.D

Acq: 18 Nov 2022 18:12

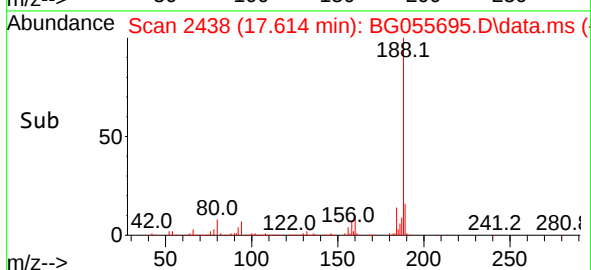
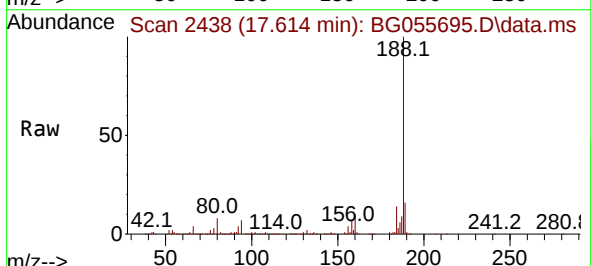
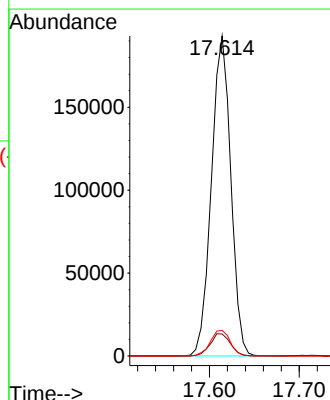
Tgt Ion:188 Resp: 289502

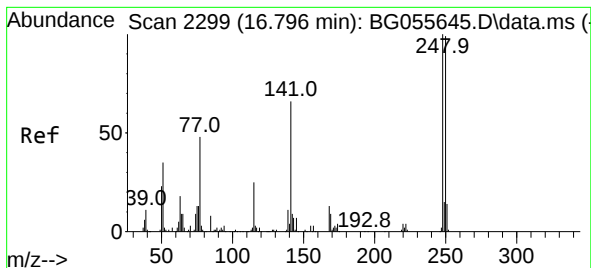
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 8.0 6.6 10.0

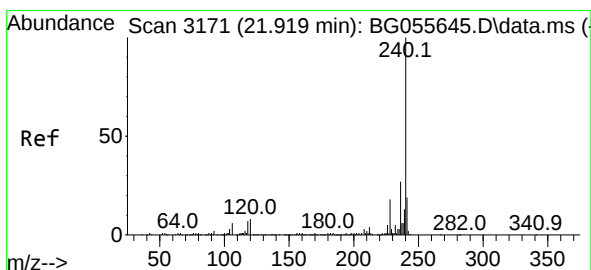
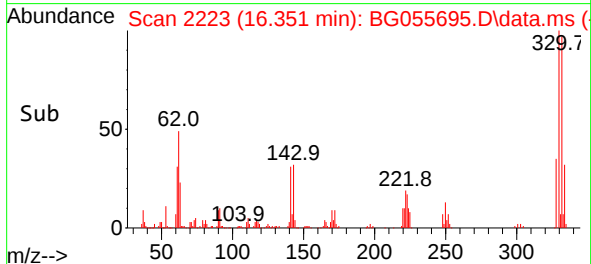
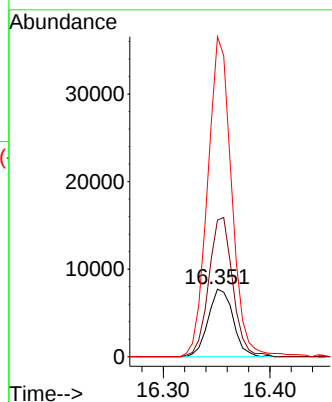
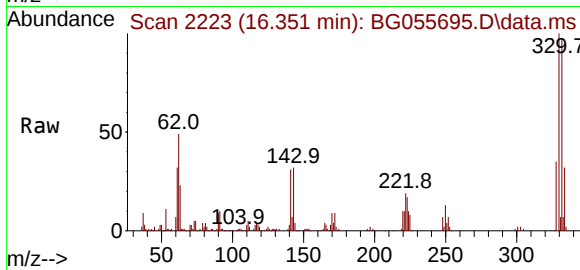




#67
4-Bromophenyl-phenylether
Concen: 3.797 ng
RT: 16.351 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

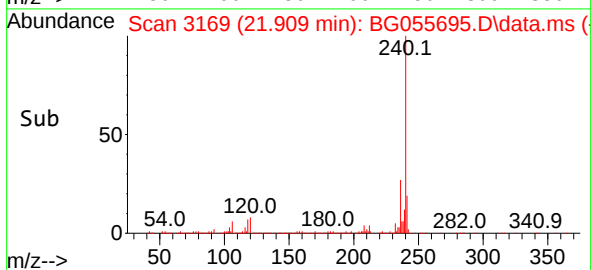
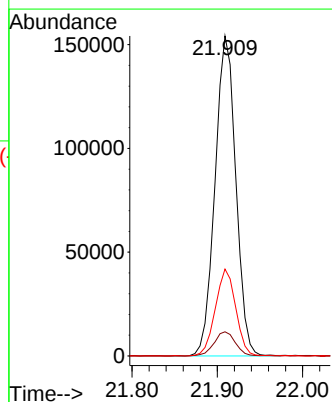
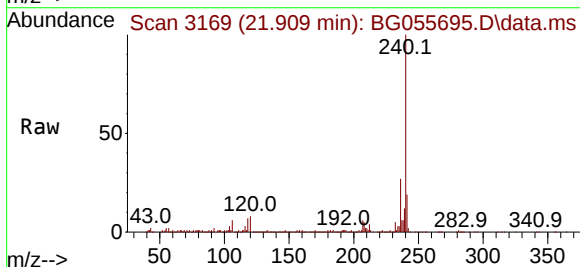
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

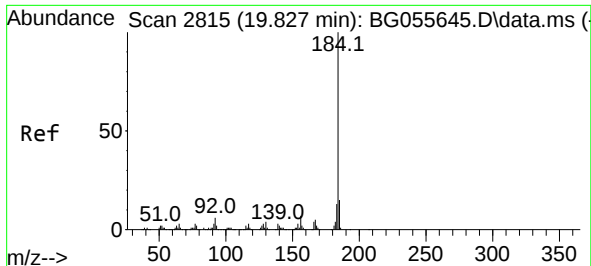
Tgt Ion:248 Resp: 12524
Ion Ratio Lower Upper
248 100
250 202.1 79.0 118.4#
141 473.4 52.9 79.3#



#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

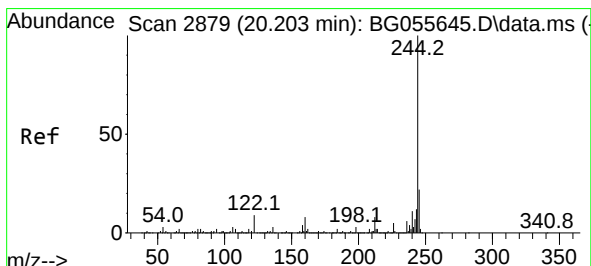
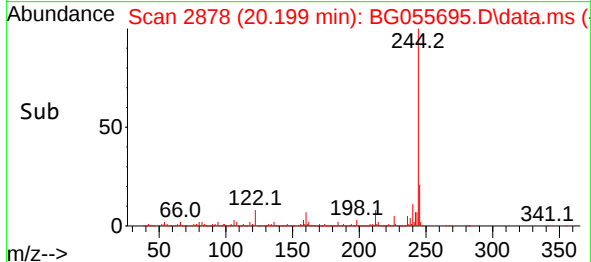
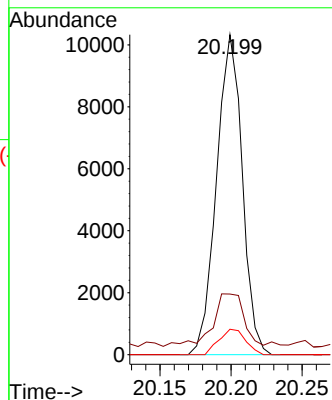
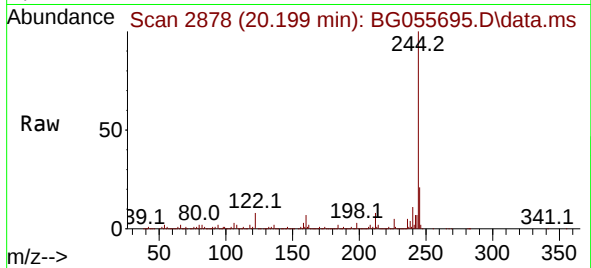




#77
Benzidine
Concen: 2.146 ng
RT: 20.199 min Scan# 2815
Delta R.T. 0.372 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

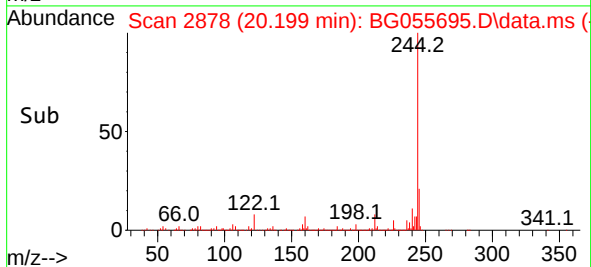
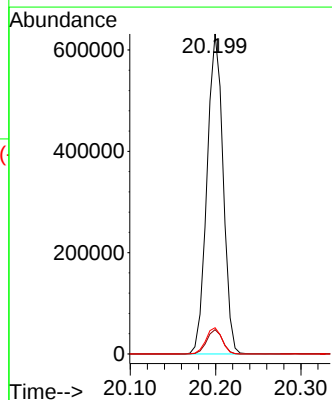
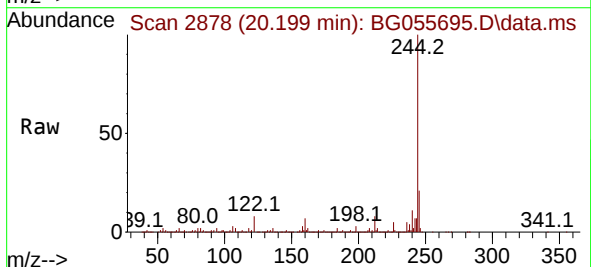
Instrument :
BNA_G
ClientSampleId :
BANK-RUN-SOIL-SAMPLE-3

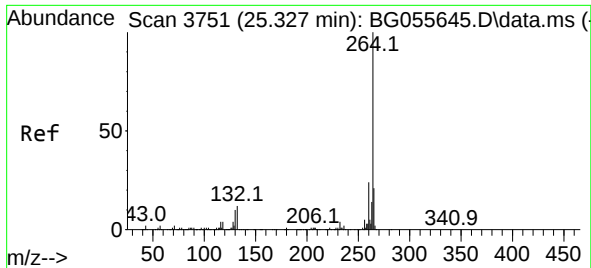
Tgt Ion:184 Resp: 12986
Ion Ratio Lower Upper
184 100
185 19.0 11.8 17.8#
183 7.9 10.6 15.8#



#79
Terphenyl-d14
Concen: 63.333 ng
RT: 20.199 min Scan# 2878
Delta R.T. -0.004 min
Lab File: BG055695.D
Acq: 18 Nov 2022 18:12

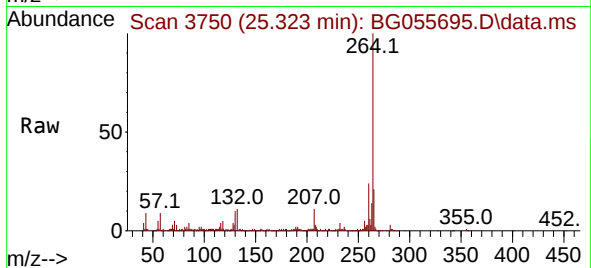
Tgt Ion:244 Resp: 828147
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 8.2 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.323 min Scan# 31
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:264 Resp: 276672

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	17.1	25.7

