

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055609.D
 Acq On : 14 Nov 2022 18:04
 Operator : CG/JU
 Sample : N5561-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-25

Quant Time: Nov 15 01:03:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	55782	20.000	ng	0.00
21) Naphthalene-d8	11.094	136	236124	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	164961	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	367661	20.000	ng	0.00
76) Chrysene-d12	21.928	240	337467	20.000	ng	0.00
86) Perylene-d12	25.354	264	361969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	378024	129.080	ng	0.00
7) Phenol-d6	7.404	99	490005	121.127	ng	0.00
23) Nitrobenzene-d5	9.437	82	308932	88.695	ng	0.00
42) 2,4,6-Tribromophenol	16.370	330	252196	156.689	ng	0.00
45) 2-Fluorobiphenyl	13.515	172	739950	67.661	ng	0.00
79) Terphenyl-d14	20.213	244	1144542	68.122	ng	0.00

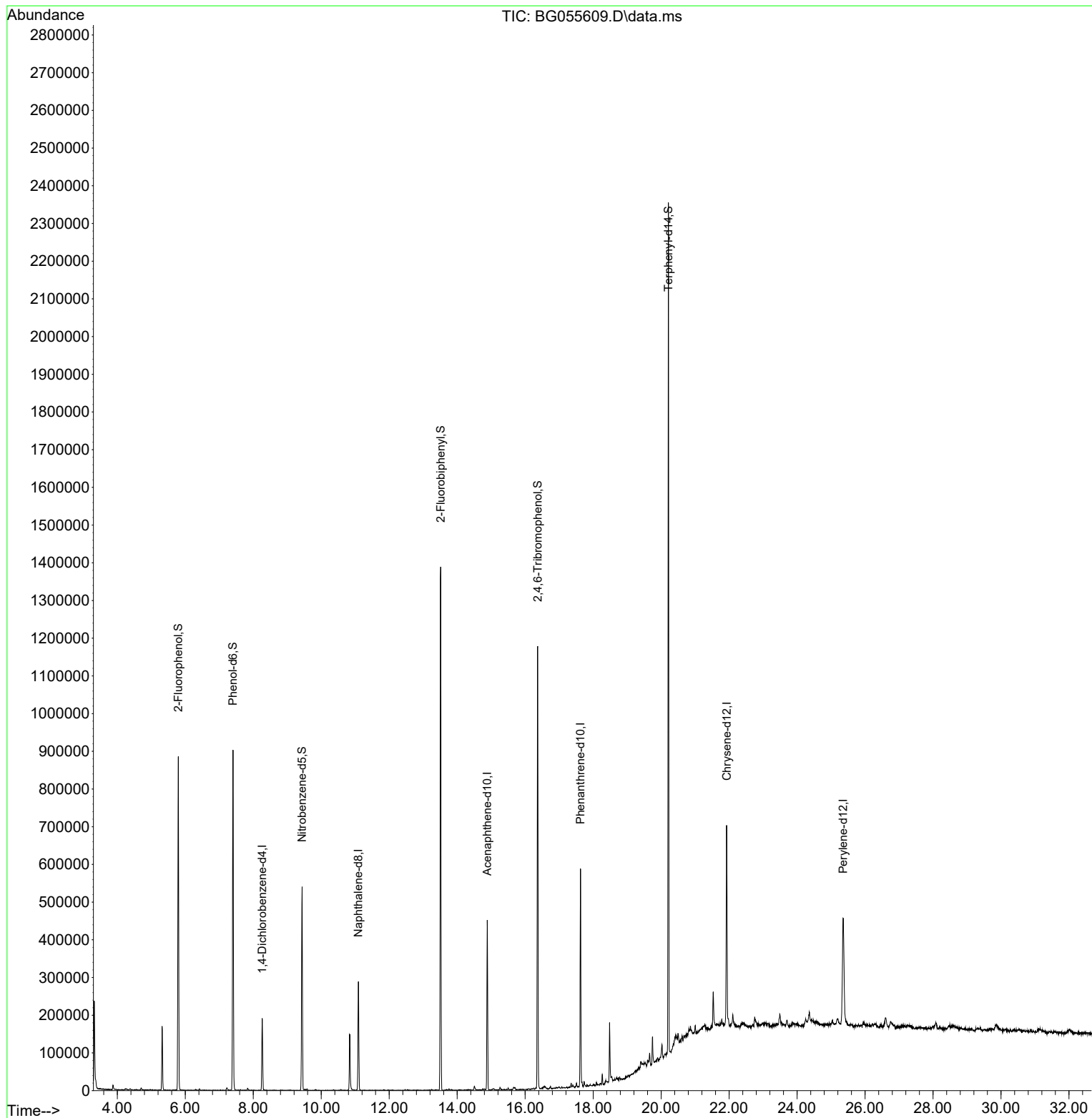
Target Compounds	Qvalue

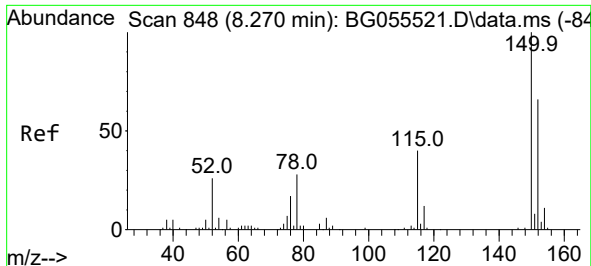
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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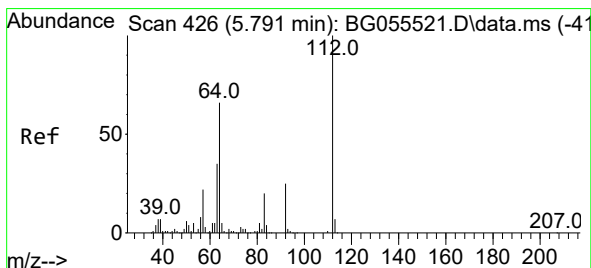
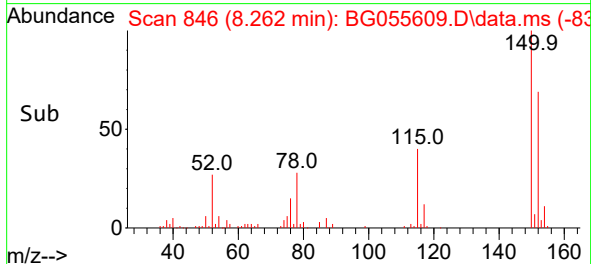
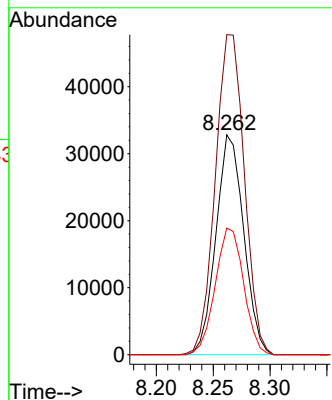
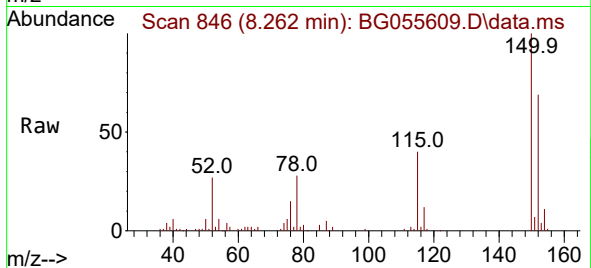




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

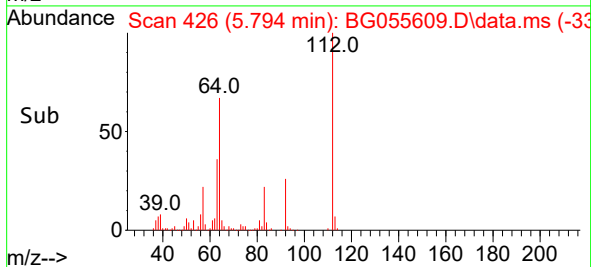
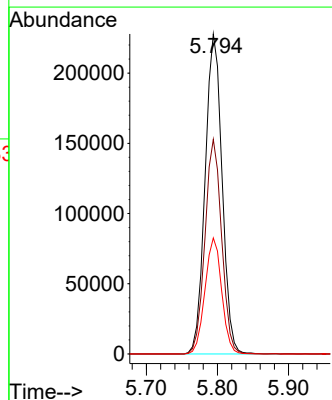
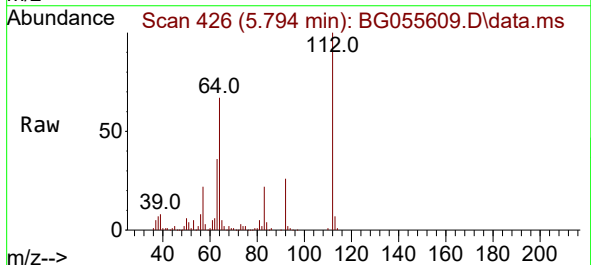
Instrument :
BNA_G
ClientSampleId :
SB-25

Tgt Ion:152 Resp: 55782
Ion Ratio Lower Upper
152 100
150 145.6 121.0 181.4
115 57.6 47.8 71.8



#5
2-Fluorophenol
Concen: 129.080 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion:112 Resp: 378024
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 36.2 28.3 42.5

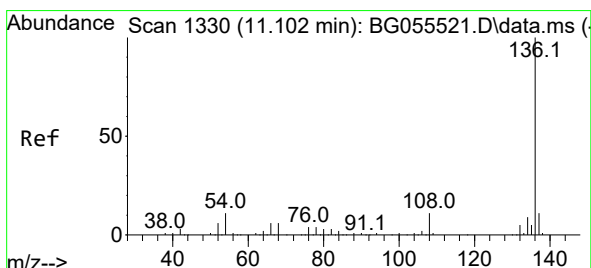
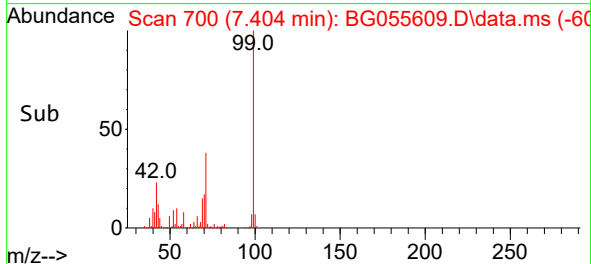
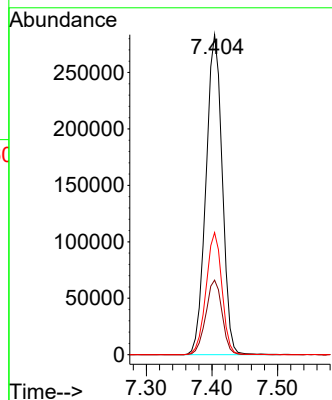
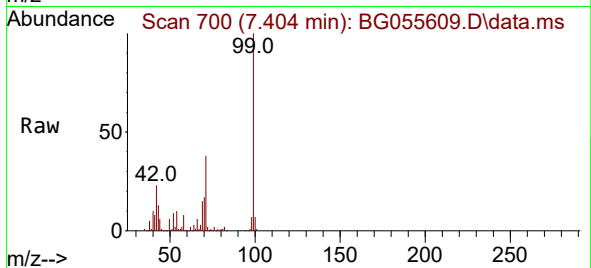




#7
Phenol-d6
Concen: 121.127 ng
RT: 7.404 min Scan# 700
Delta R.T. 0.003 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

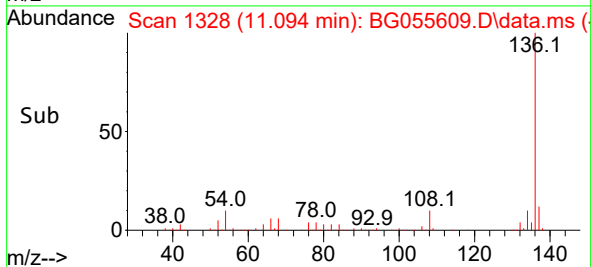
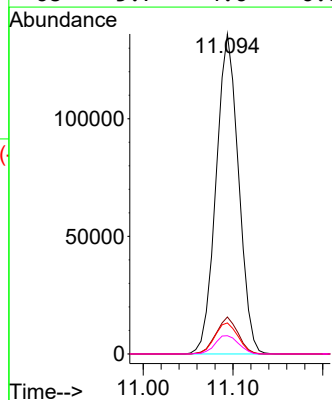
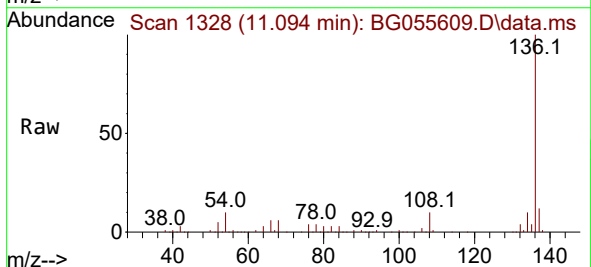
Instrument :
BNA_G
ClientSampleId :
SB-25

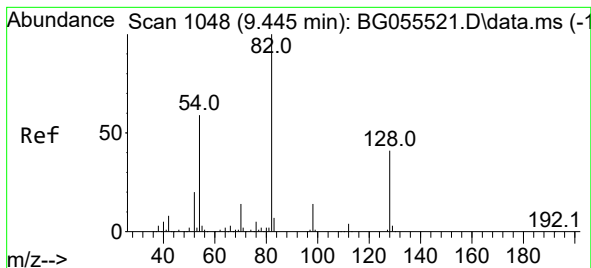
Tgt Ion: 99 Resp: 490005
Ion Ratio Lower Upper
99 100
42 23.3 17.5 26.3
71 38.1 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.094 min Scan# 1328
Delta R.T. -0.008 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion: 136 Resp: 236124
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 9.7 8.6 12.8
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.695 ng

RT: 9.437 min Scan# 1046

Delta R.T. -0.008 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

Instrument :

BNA_G

ClientSampleId :

SB-25

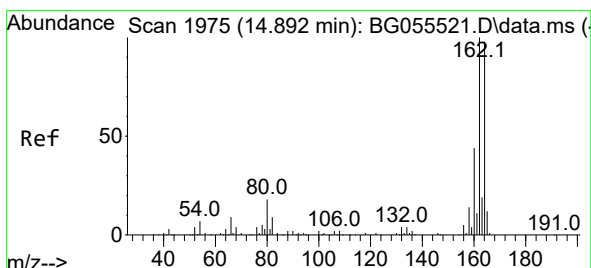
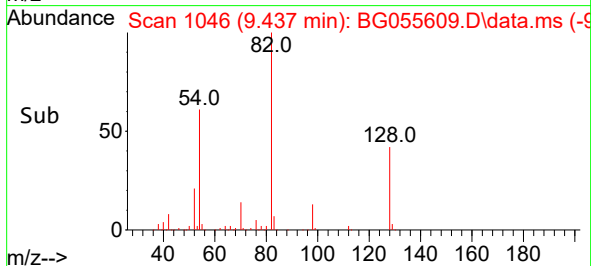
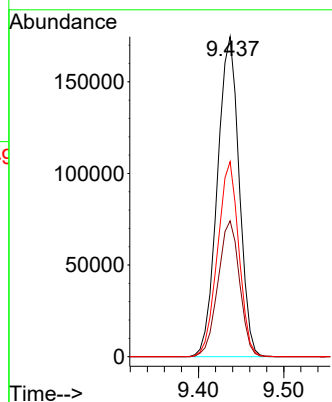
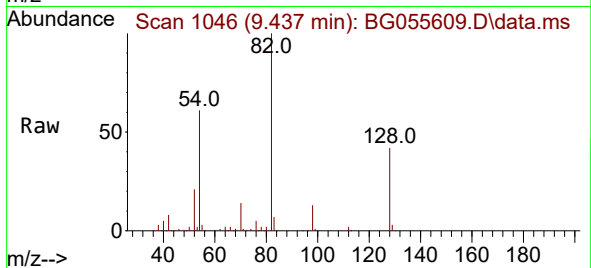
Tgt Ion: 82 Resp: 308932

Ion Ratio Lower Upper

82 100

128 42.4 32.6 49.0

54 61.0 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

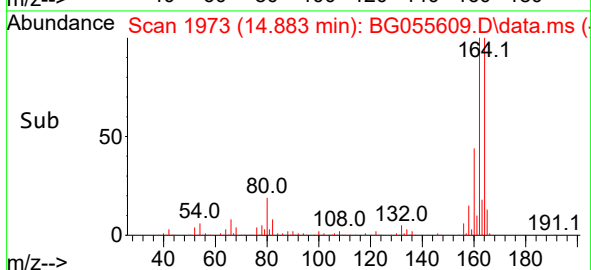
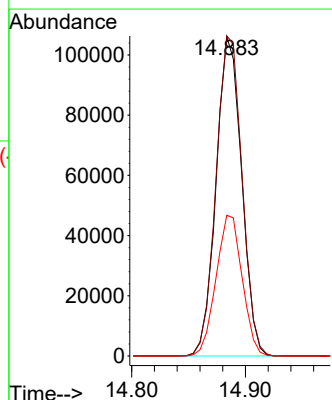
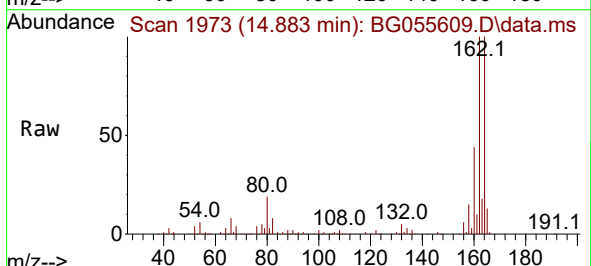
Tgt Ion:164 Resp: 164961

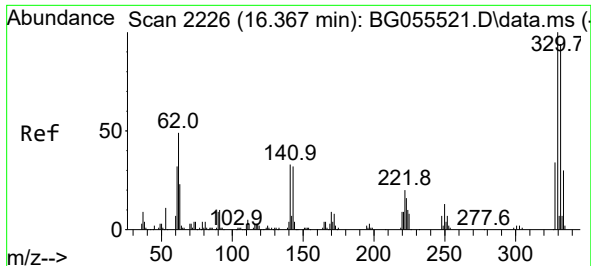
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

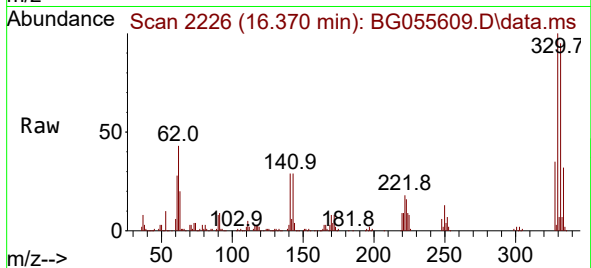
160 44.0 35.9 53.9



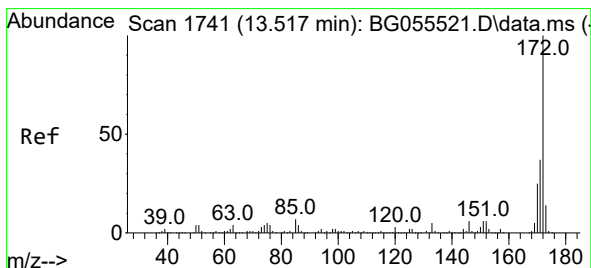
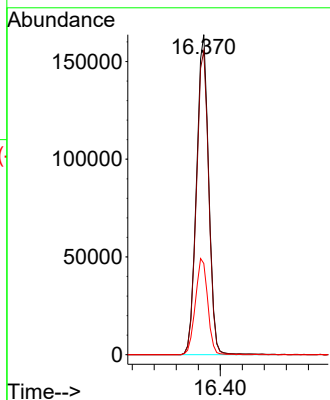
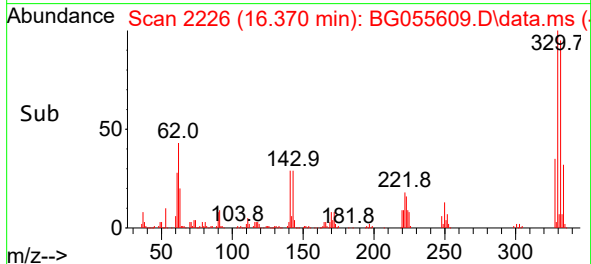


#42
2,4,6-Tribromophenol
Concen: 156.689 ng
RT: 16.370 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Instrument :
BNA_G
ClientSampleId :
SB-25

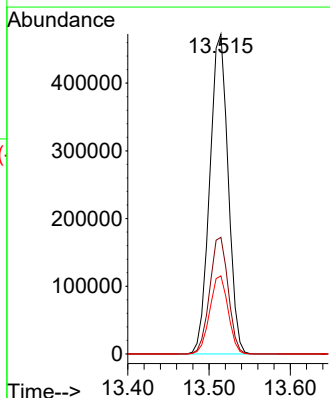
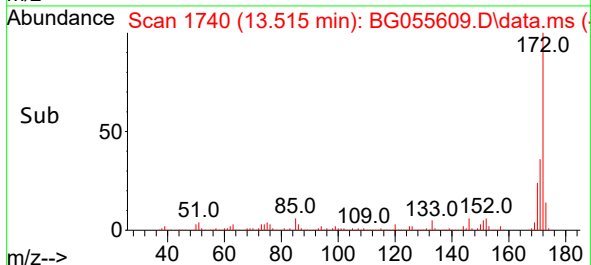
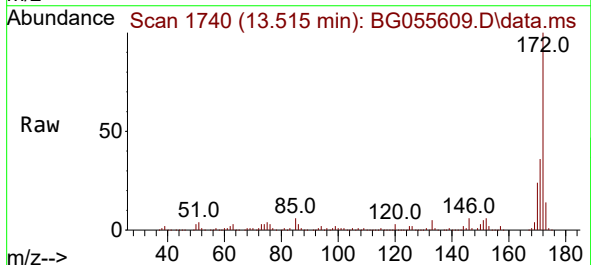


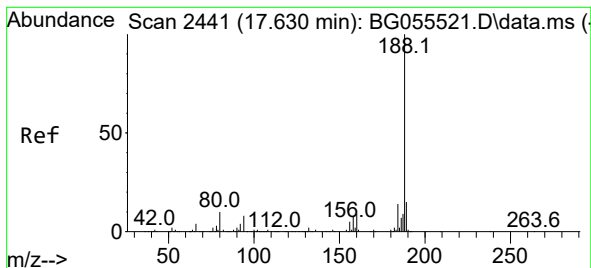
Tgt Ion:330 Resp: 252196
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 30.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 67.661 ng
RT: 13.515 min Scan# 1740
Delta R.T. -0.002 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion:172 Resp: 739950
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.627 min Scan# 2441

Delta R.T. -0.003 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

Instrument :

BNA_G

ClientSampleId :

SB-25

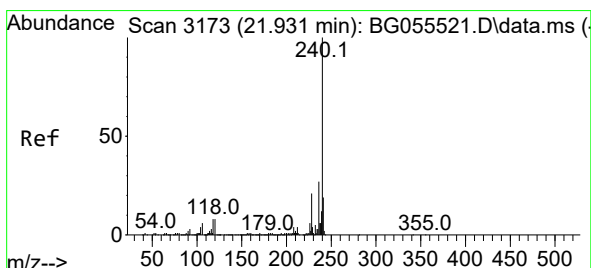
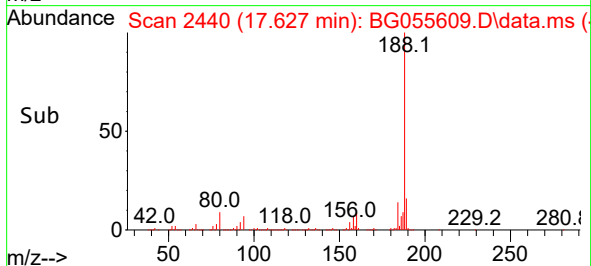
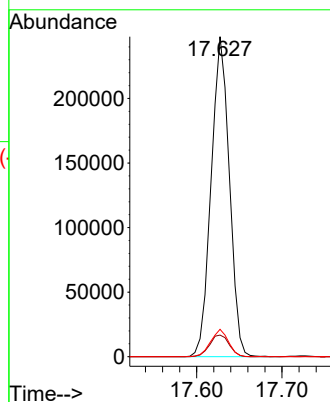
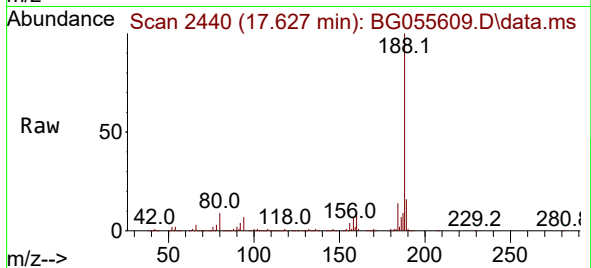
Tgt Ion:188 Resp: 367661

Ion Ratio Lower Upper

188 100

94 6.8 6.4 9.6

80 8.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.928 min Scan# 3172

Delta R.T. -0.003 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

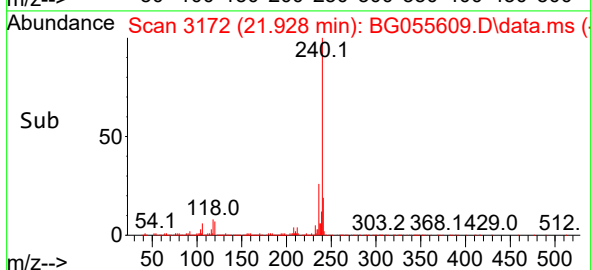
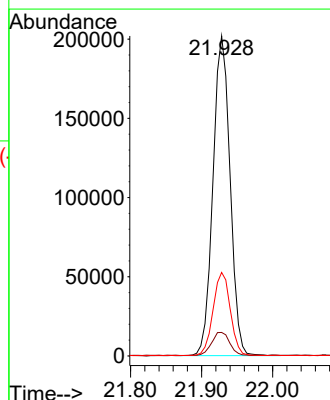
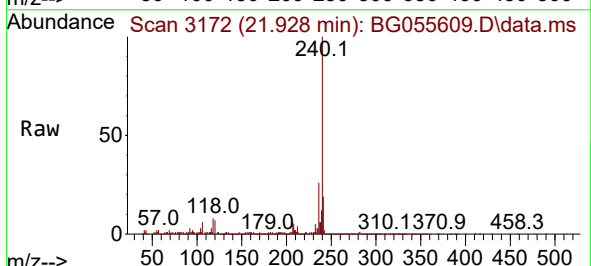
Tgt Ion:240 Resp: 337467

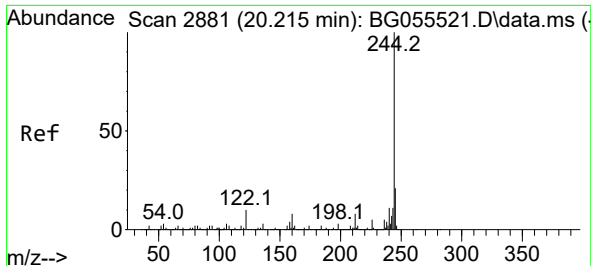
Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

236 26.1 21.4 32.0

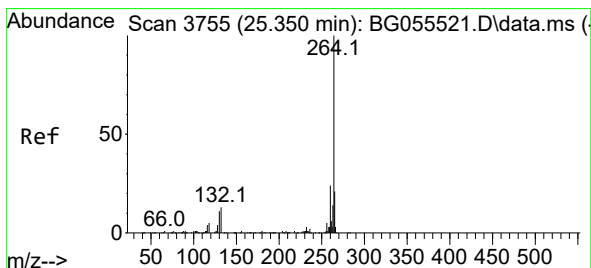
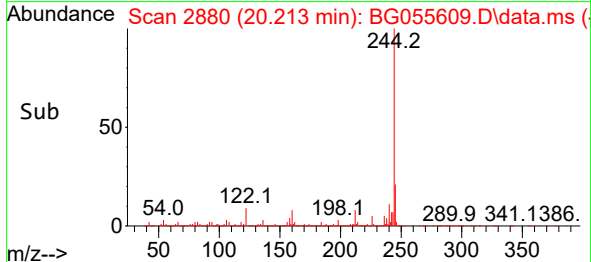
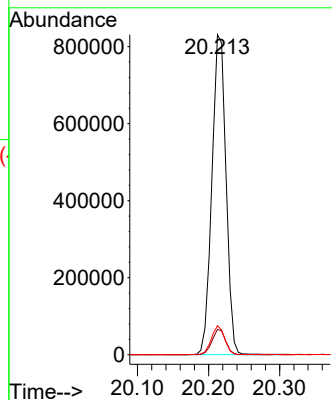
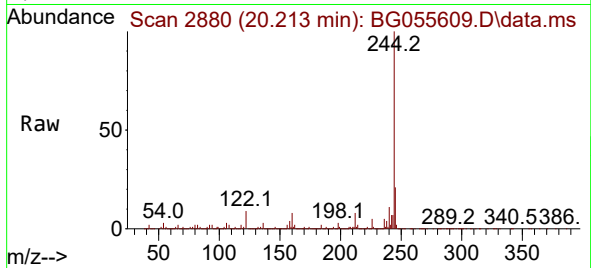




#79
 Terphenyl-d14
 Concen: 68.122 ng
 RT: 20.213 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055609.D
 Acq: 14 Nov 2022 18:04

Instrument :
 BNA_G
 ClientSampleId :
 SB-25

Tgt Ion:244 Resp: 1144542
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.354 min Scan# 3755
 Delta R.T. 0.004 min
 Lab File: BG055609.D
 Acq: 14 Nov 2022 18:04

Tgt Ion:264 Resp: 361969
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.3 17.1 25.7

