

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057551.D
 Acq On : 25 May 2023 2:28
 Operator : CG/JU
 Sample : 02899-08 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB14

Quant Time: May 25 03:47:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

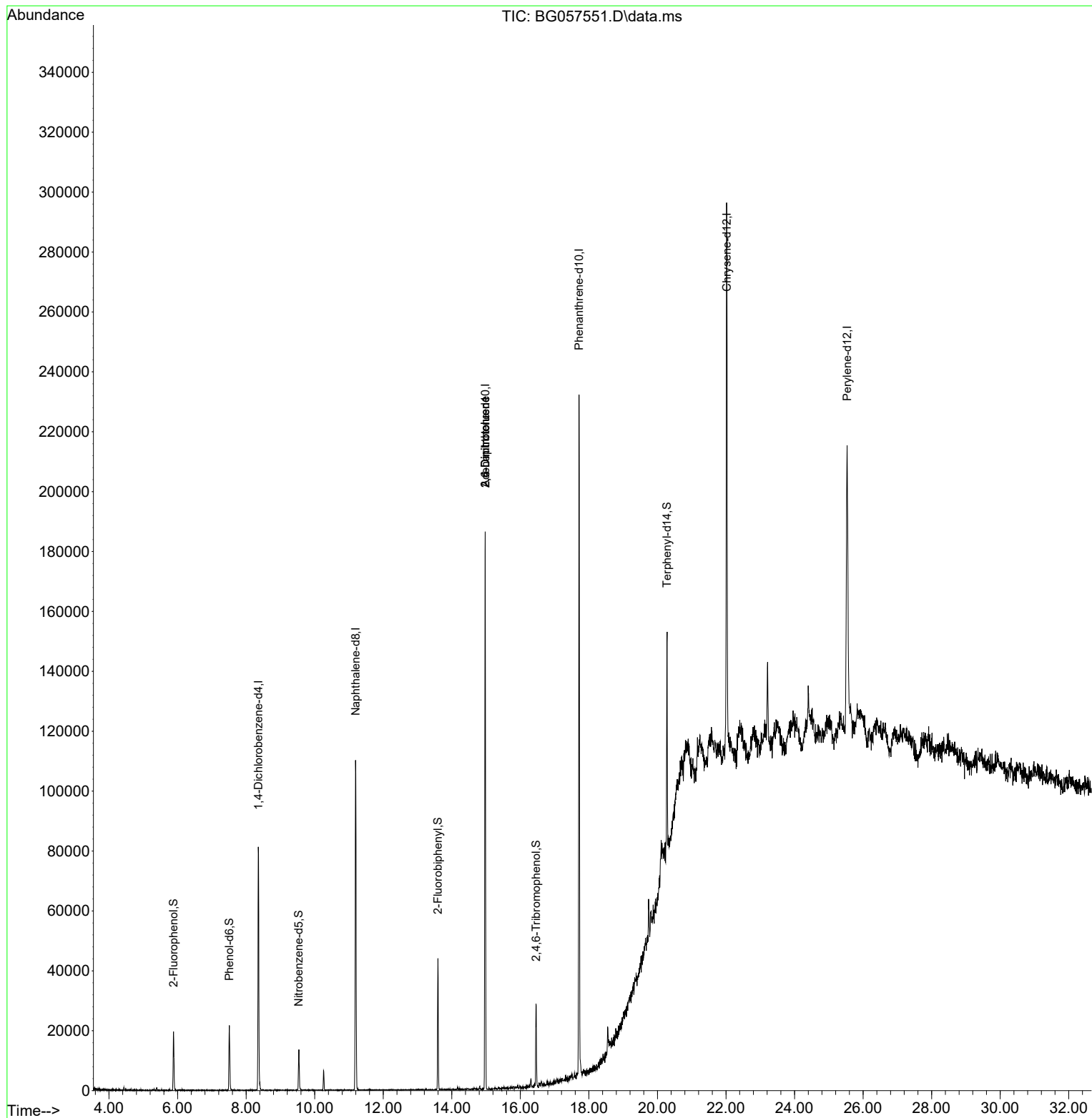
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	24445	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	95207	20.000	ng	-0.01
39) Acenaphthene-d10	14.976	164	67856	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	146784	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	120707	20.000	ng	-0.02
86) Perylene-d12	25.532	264	129868	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	9860	6.900	ng	0.00
7) Phenol-d6	7.509	99	15478	7.133	ng	0.00
23) Nitrobenzene-d5	9.536	82	10030	4.422	ng	-0.01
42) 2,4,6-Tribromophenol	16.462	330	6399	6.646	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	24330	4.829	ng	-0.01
79) Terphenyl-d14	20.280	244	36542	4.940	ng	-0.01
Target Compounds						
					Qvalue	
51) 2,6-Dinitrotoluene	14.976	165	8966	7.875	ng #	17
57) 2,4-Dinitrotoluene	14.976	165	8966	5.510	ng #	20

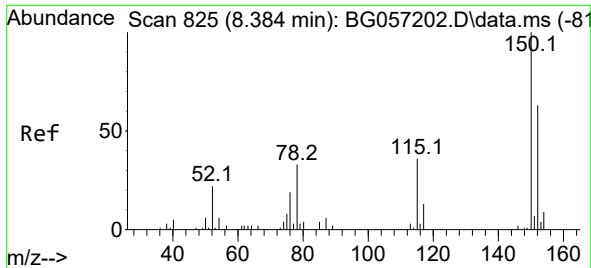
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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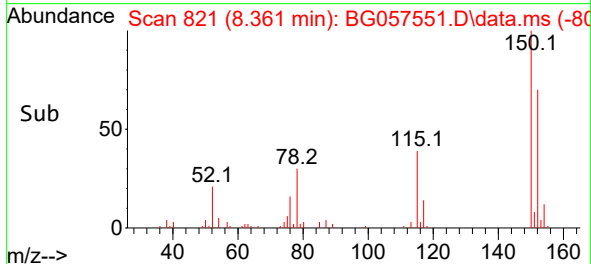
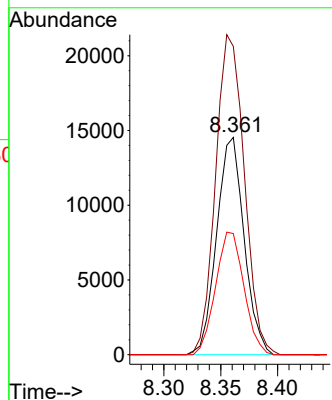
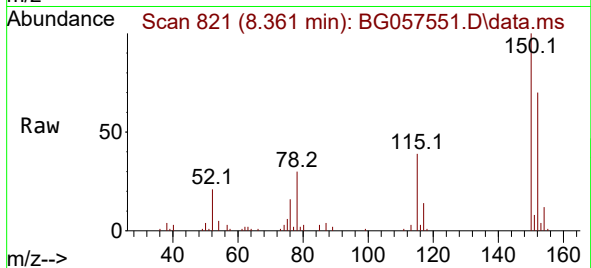




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

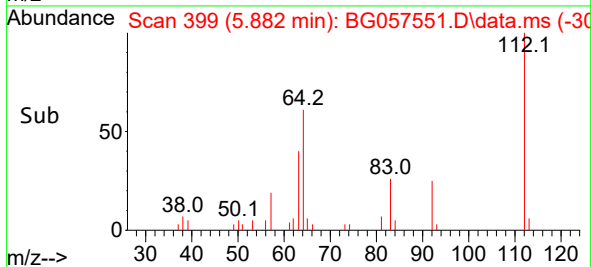
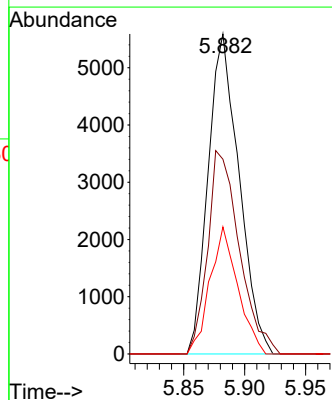
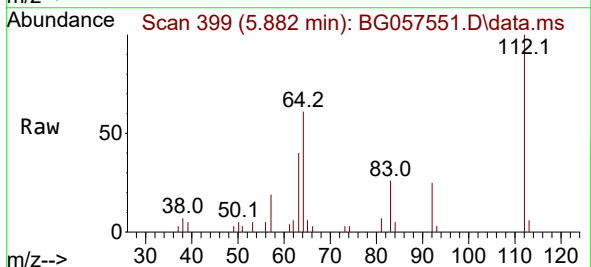
Instrument :
BNA_G
ClientSampleId :
SB14

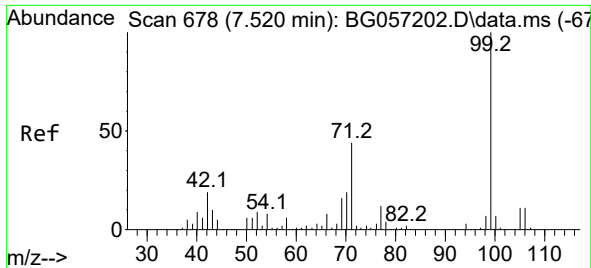
Tgt Ion:152 Resp: 24445
Ion Ratio Lower Upper
152 100
150 141.9 126.2 189.4
115 55.7 45.0 67.4



#5
2-Fluorophenol
Concen: 6.900 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.007 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

Tgt Ion:112 Resp: 9860
Ion Ratio Lower Upper
112 100
64 60.8 49.4 74.2
63 39.7 31.6 47.4

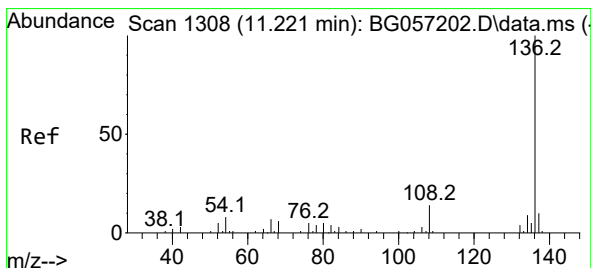
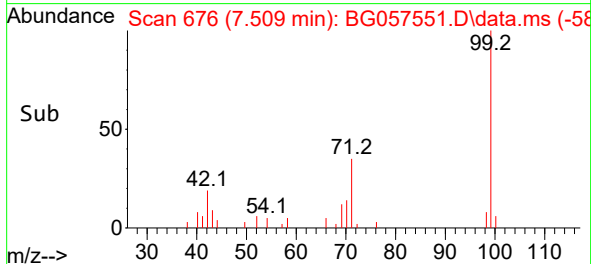
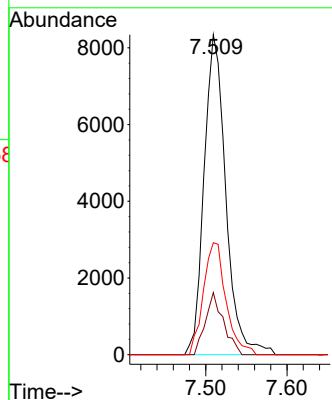
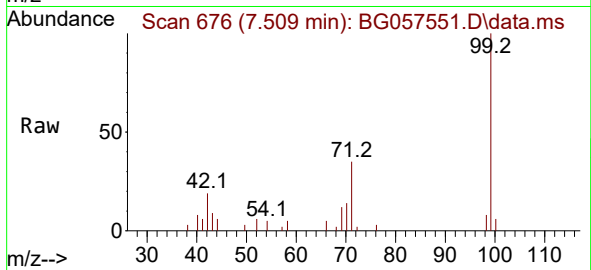




#7
Phenol-d6
Concen: 7.133 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

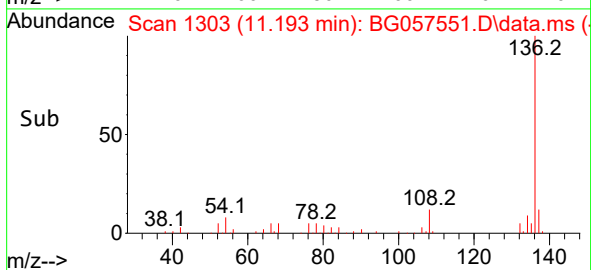
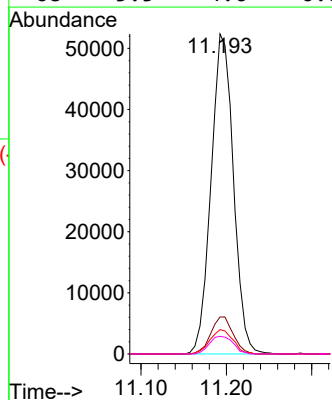
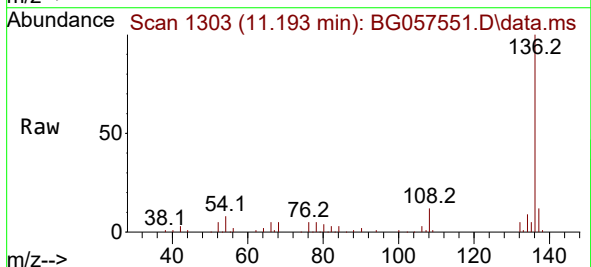
Instrument :
BNA_G
ClientSampleId :
SB14

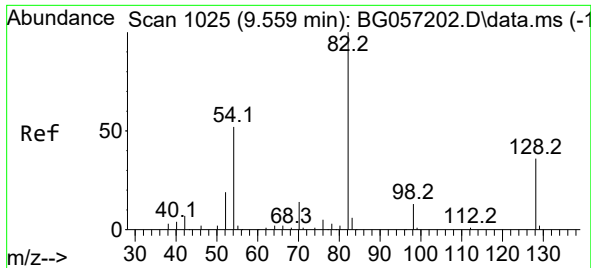
Tgt Ion: 99 Resp: 15478
Ion Ratio Lower Upper
99 100
42 19.4 15.1 22.7
71 35.0 35.2 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1303
Delta R.T. -0.010 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

Tgt Ion: 136 Resp: 95207
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 7.6 6.7 10.1
68 5.5 4.6 6.8

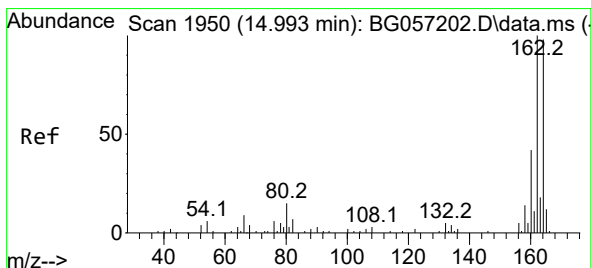
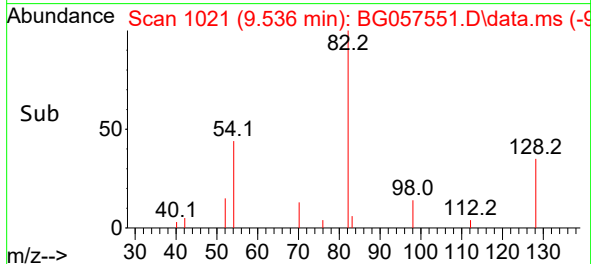
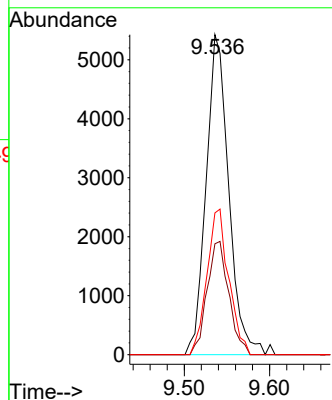
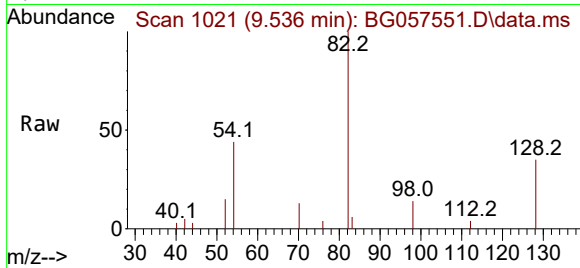




#23
 Nitrobenzene-d5
 Concen: 4.422 ng
 RT: 9.536 min Scan# 10
 Delta R.T. -0.011 min
 Lab File: BG057551.D
 Acq: 25 May 2023 2:28

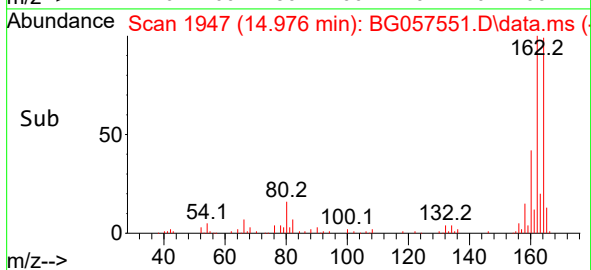
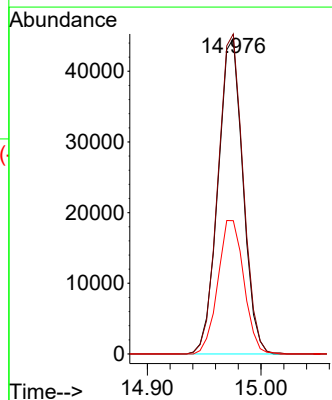
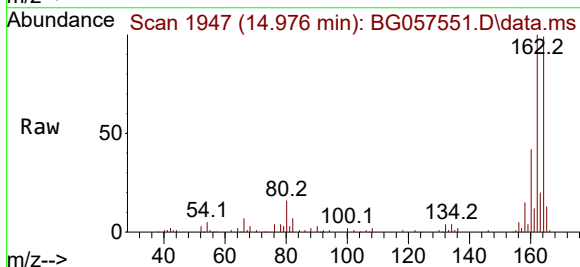
Instrument :
 BNA_G
 ClientSampleId :
 SB14

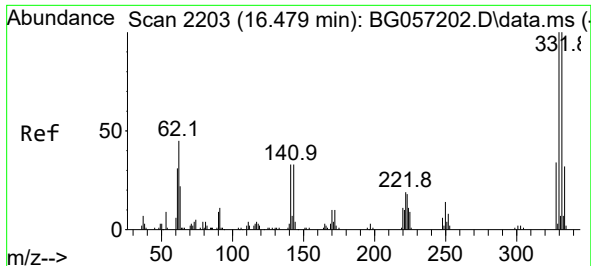
Tgt Ion: 82	Resp: 10030
Ion Ratio	Lower Upper
82	100
128	34.6 29.0 43.4
54	44.3 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.976 min Scan# 1947
 Delta R.T. -0.005 min
 Lab File: BG057551.D
 Acq: 25 May 2023 2:28

Tgt Ion: 164	Resp: 67856
Ion Ratio	Lower Upper
164	100
162	101.5 81.8 122.6
160	42.2 34.6 52.0

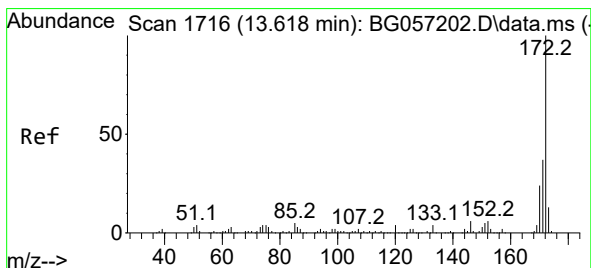
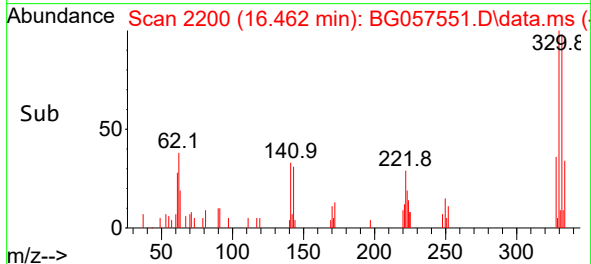
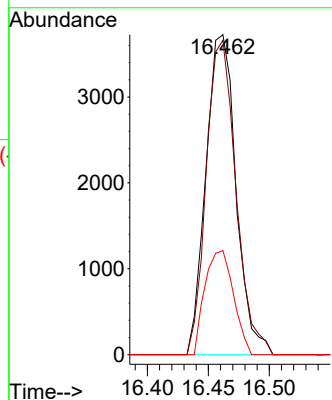
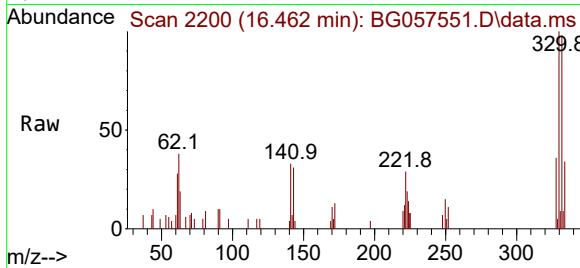




#42
2,4,6-Tribromophenol
Concen: 6.646 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

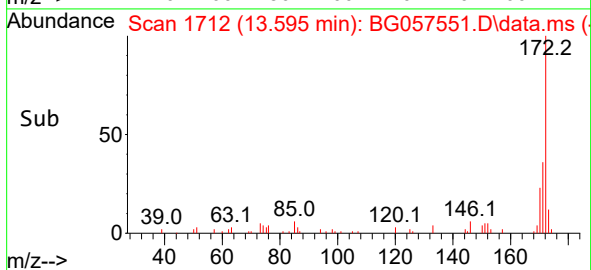
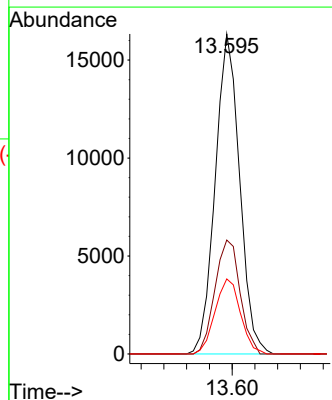
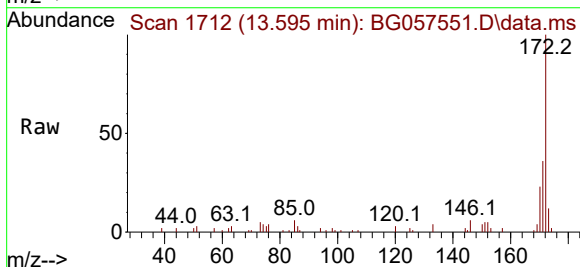
Instrument :
BNA_G
ClientSampleId :
SB14

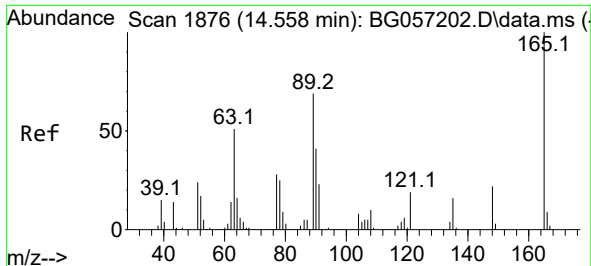
Tgt Ion:330 Resp: 6399
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 30.7 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 4.829 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

Tgt Ion:172 Resp: 24330
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 7.875 ng

RT: 14.976 min Scan# 1947

Delta R.T. 0.424 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

Instrument :

BNA_G

ClientSampleId :

SB14

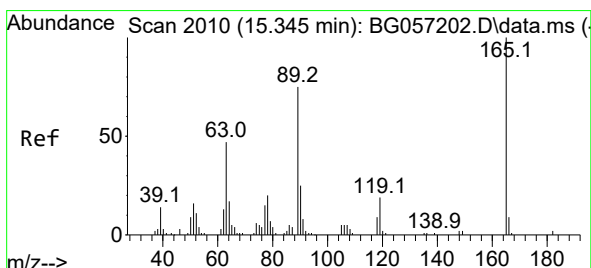
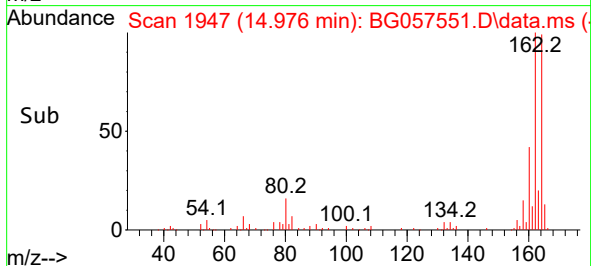
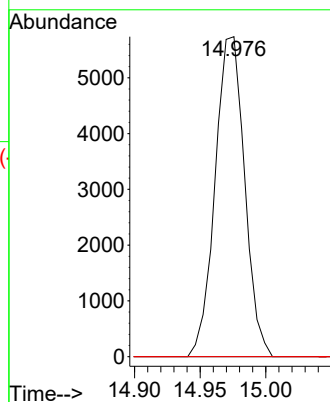
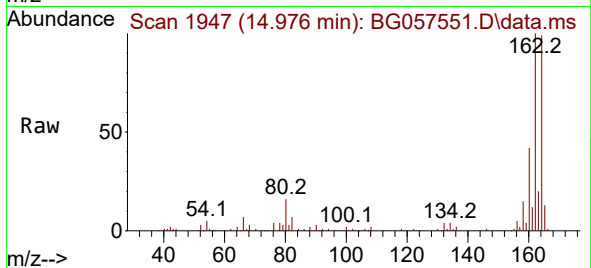
Tgt Ion:165 Resp: 8966

Ion Ratio Lower Upper

165 100

63 0.0 50.9 76.3#

89 0.0 55.2 82.8#



#57

2,4-Dinitrotoluene

Concen: 5.510 ng

RT: 14.976 min Scan# 1947

Delta R.T. -0.363 min

Lab File: BG057551.D

Acq: 25 May 2023 2:28

Tgt Ion:165 Resp: 8966

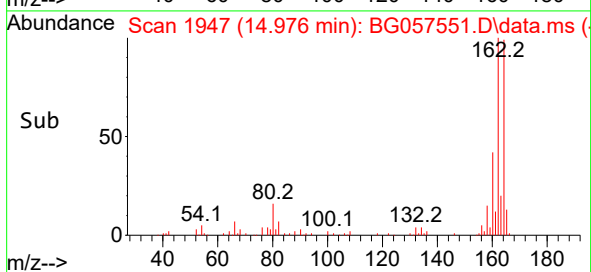
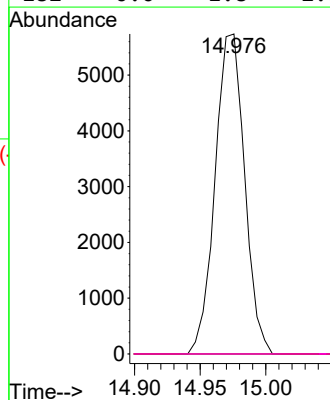
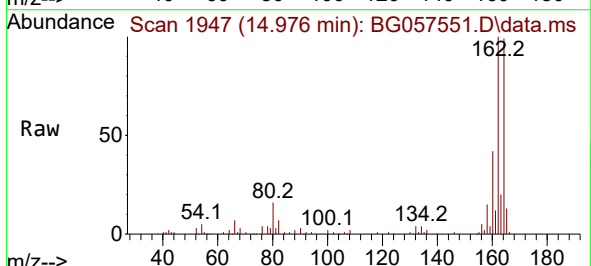
Ion Ratio Lower Upper

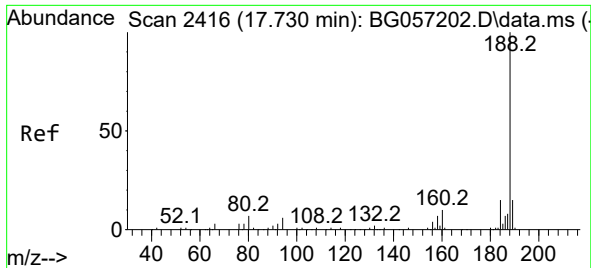
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

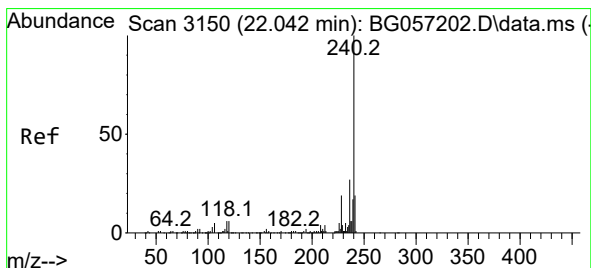
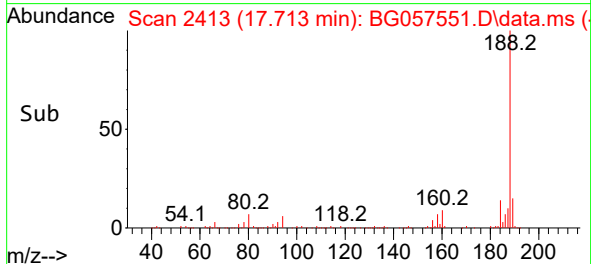
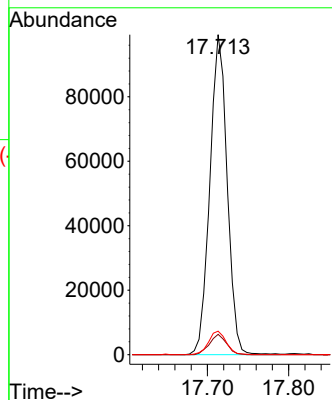
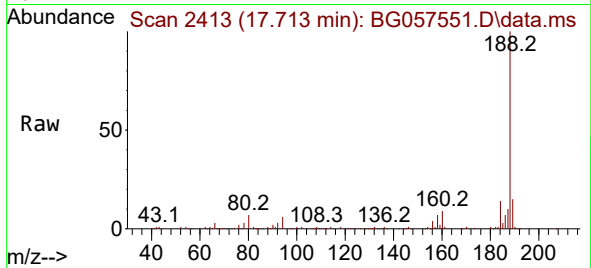




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2413
Delta R.T. -0.011 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

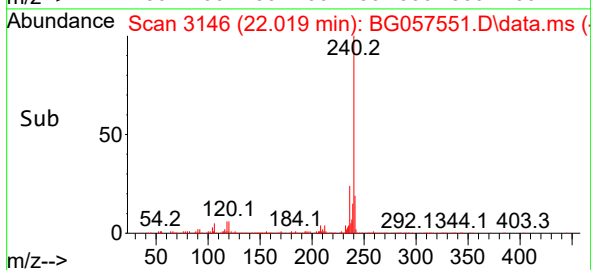
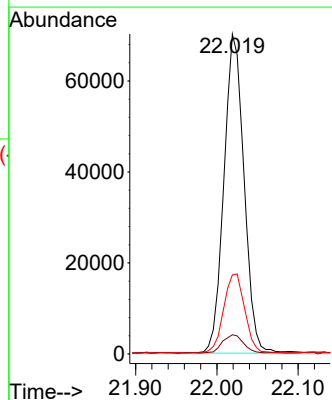
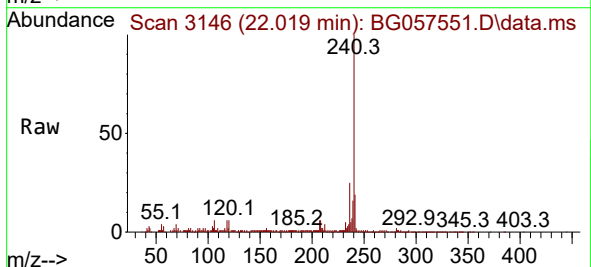
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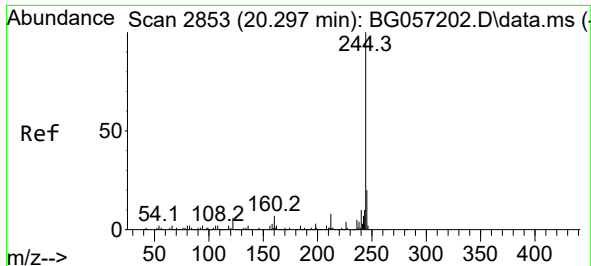
Tgt Ion:188 Resp: 146784
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.3 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.016 min
Lab File: BG057551.D
Acq: 25 May 2023 2:28

Tgt Ion:240 Resp: 120707
Ion Ratio Lower Upper
240 100
120 6.0 4.9 7.3
236 24.7 21.4 32.2

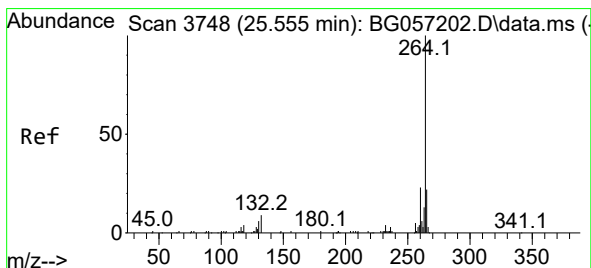
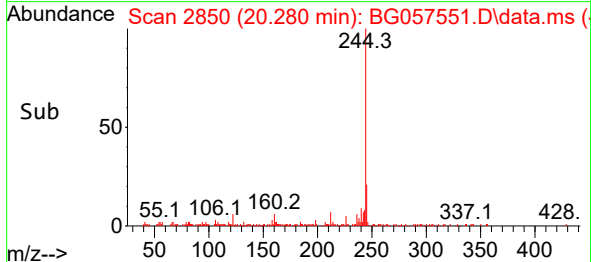
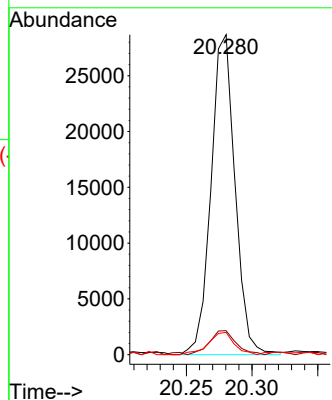
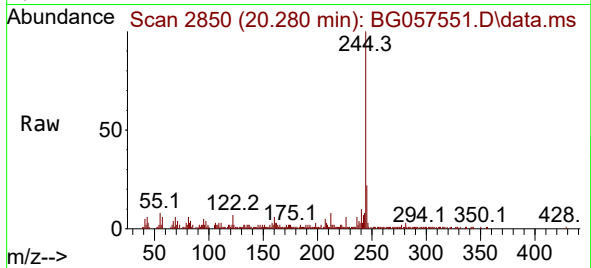




#79
 Terphenyl-d14
 Concen: 4.940 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057551.D
 Acq: 25 May 2023 2:28

Instrument :
 BNA_G
 ClientSampleId :
 SB14

Tgt Ion:244 Resp: 36542
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.9 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.532 min Scan# 3744
 Delta R.T. -0.011 min
 Lab File: BG057551.D
 Acq: 25 May 2023 2:28

Tgt Ion:264 Resp: 129868
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 23.4 17.9 26.9

