

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057615.D
 Acq On : 30 May 2023 20:55
 Operator : CG/JU
 Sample : 02955-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB25

Quant Time: May 31 03:30:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 03:25:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	26825	20.000	ng	0.00
21) Naphthalene-d8	11.177	136	110449	20.000	ng	0.00
39) Acenaphthene-d10	14.961	164	74602	20.000	ng	0.00
64) Phenanthrene-d10	17.698	188	171306	20.000	ng	0.00
76) Chrysene-d12	21.998	240	145090	20.000	ng	0.00
86) Perylene-d12	25.493	264	149522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.867	112	162981	105.554	ng	0.00
7) Phenol-d6	7.494	99	237169	98.148	ng	0.00
23) Nitrobenzene-d5	9.521	82	150907	63.869	ng	0.00
42) 2,4,6-Tribromophenol	16.441	330	104732	87.686	ng	0.00
45) 2-Fluorobiphenyl	13.580	172	351192	67.653	ng	0.00
79) Terphenyl-d14	20.265	244	523071	62.449	ng	0.00

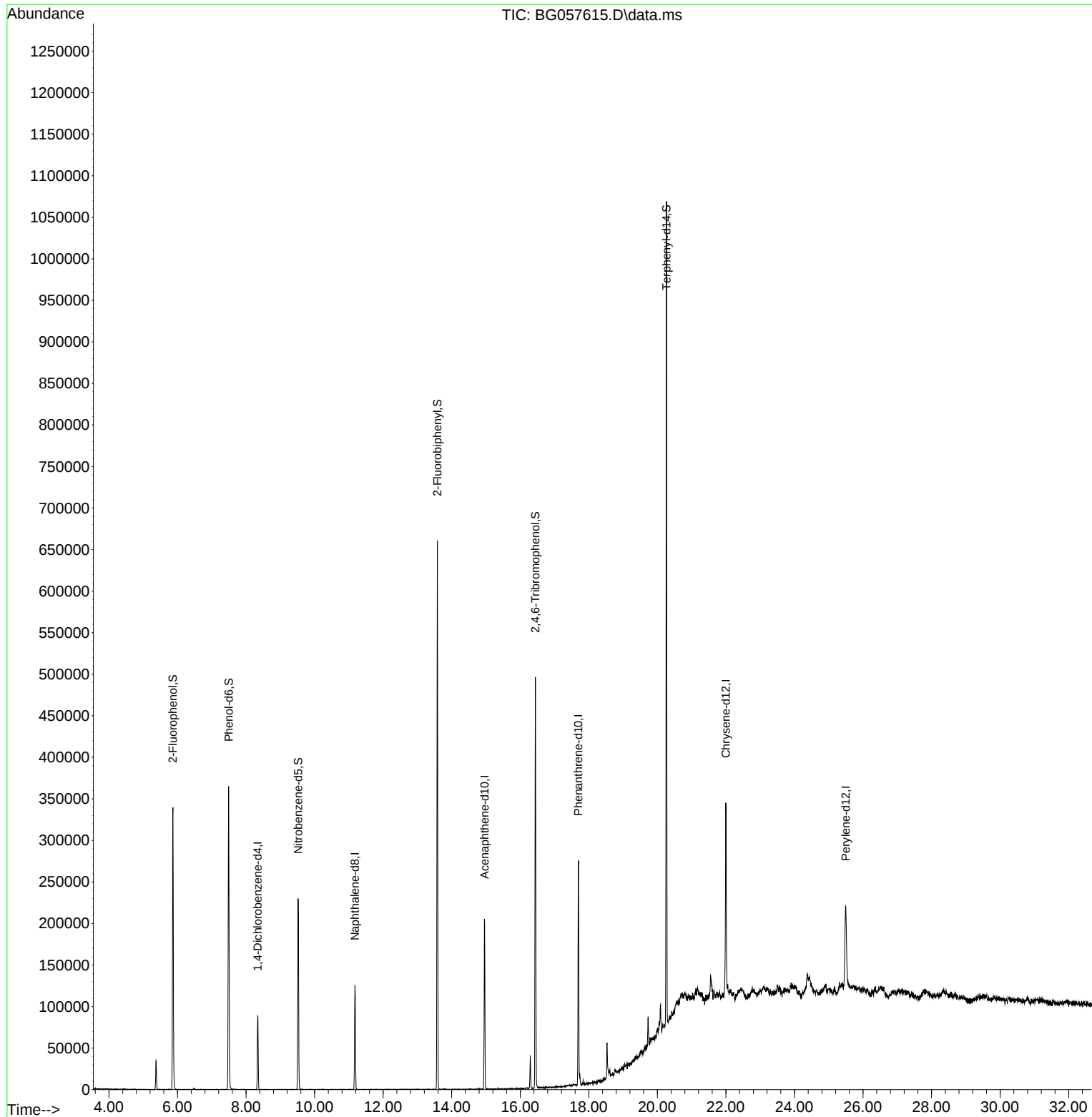
Target Compounds	Qvalue

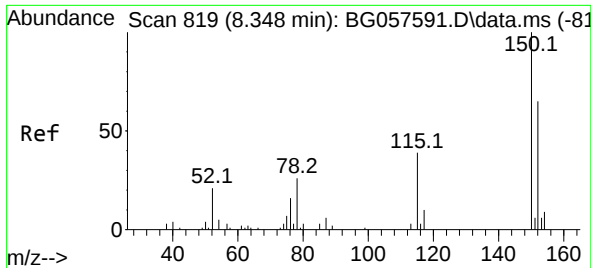
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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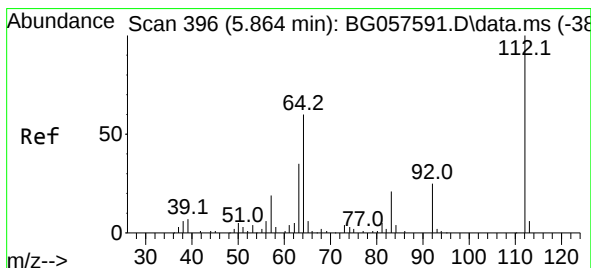
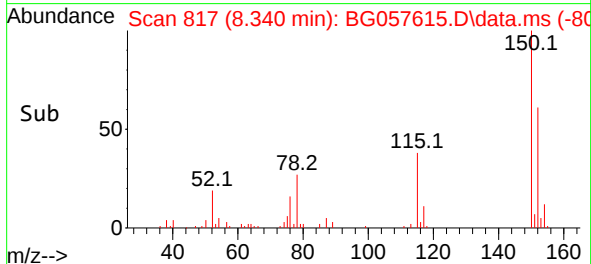
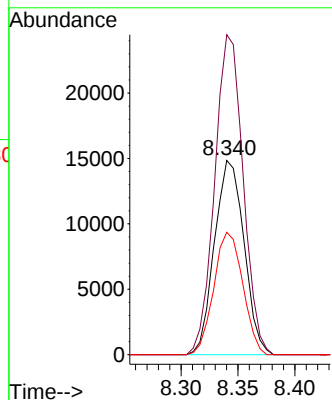
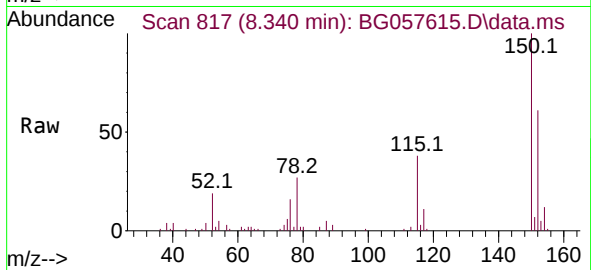




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 819
Delta R.T. -0.004 min
Lab File: BG057615.D
Acq: 30 May 2023 20:55

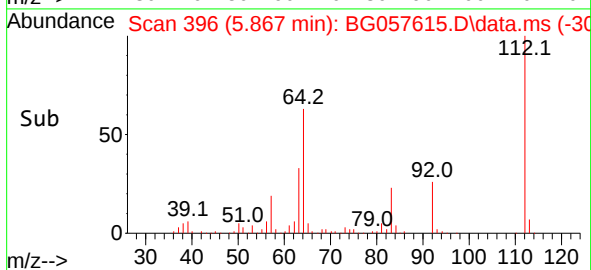
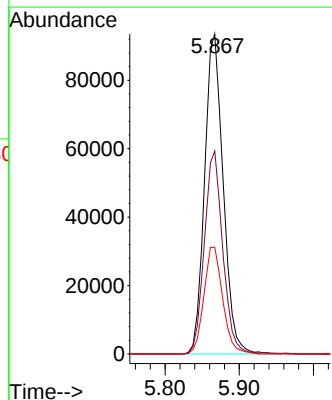
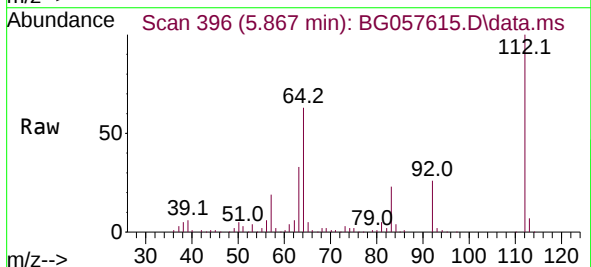
Instrument :
BNA_G
ClientSampleId :
SB25

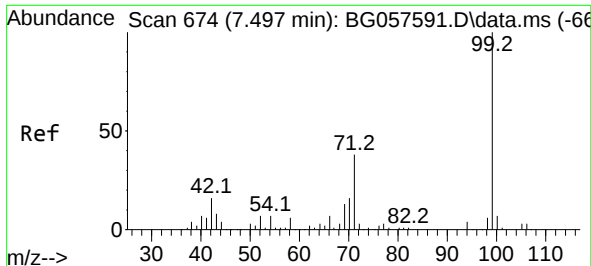
Tgt Ion:152 Resp: 26825
Ion Ratio Lower Upper
152 100
150 164.7 123.0 184.4
115 63.0 47.4 71.2



#5
2-Fluorophenol
Concen: 105.554 ng
RT: 5.867 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG057615.D
Acq: 30 May 2023 20:55

Tgt Ion:112 Resp: 162981
Ion Ratio Lower Upper
112 100
64 63.5 47.8 71.6
63 33.4 27.8 41.8

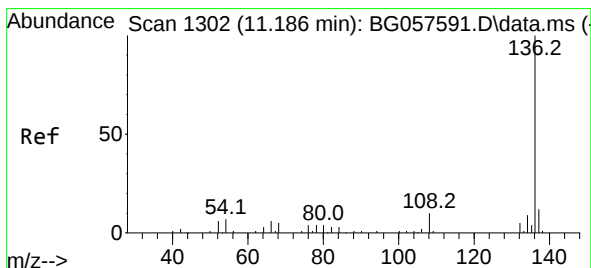
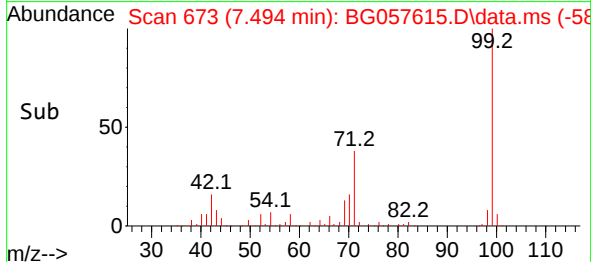
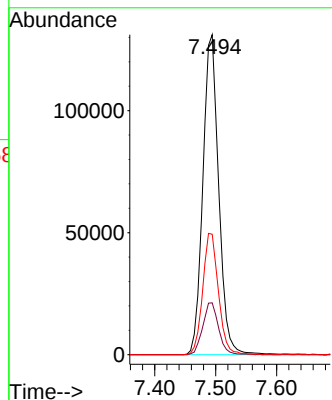
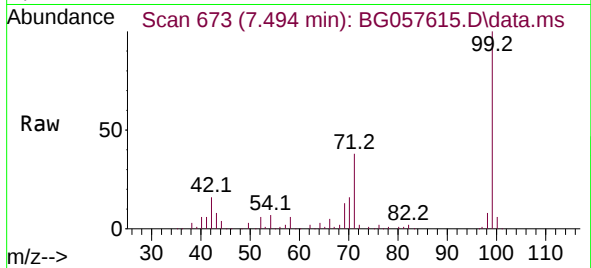




#7
Phenol-d6
Concen: 98.148 ng
RT: 7.494 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG057615.D
Acq: 30 May 2023 20:55

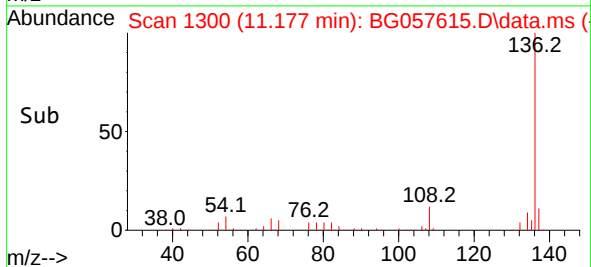
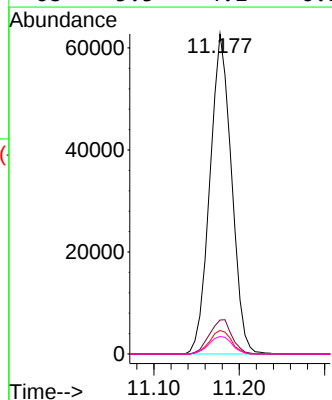
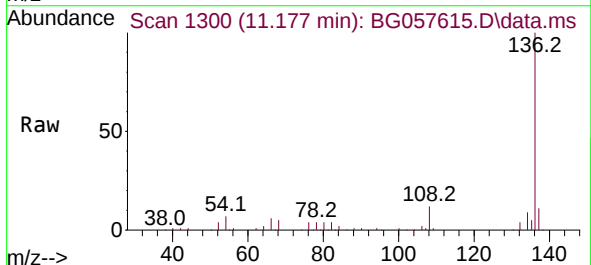
Instrument :
BNA_G
ClientSampleId :
SB25

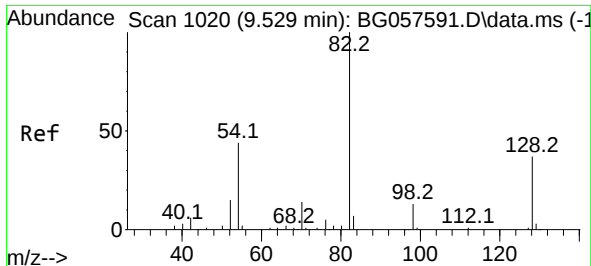
Tgt Ion: 99 Resp: 237169
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 37.7 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.177 min Scan# 1300
Delta R.T. 0.002 min
Lab File: BG057615.D
Acq: 30 May 2023 20:55

Tgt Ion: 136 Resp: 110449
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.8
54 7.3 5.8 8.6
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 63.869 ng

RT: 9.521 min Scan# 1018

Delta R.T. -0.004 min

Lab File: BG057615.D

Acq: 30 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

SB25

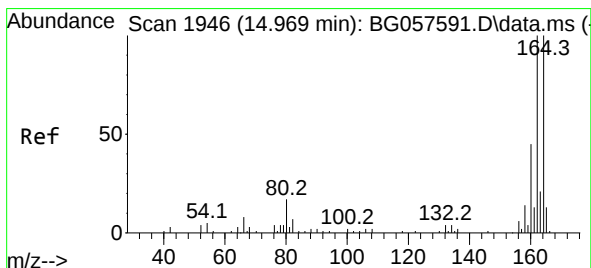
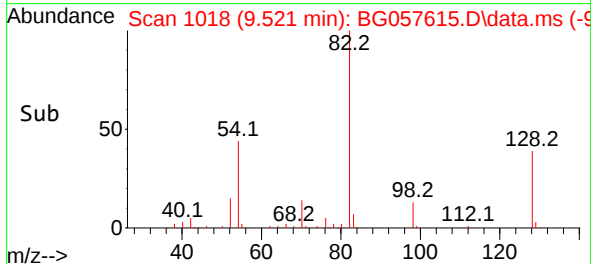
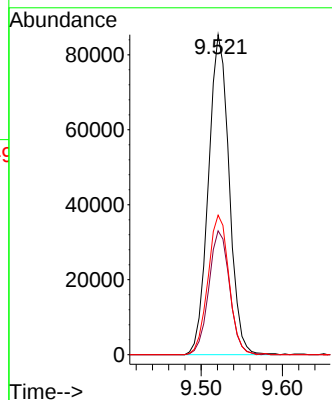
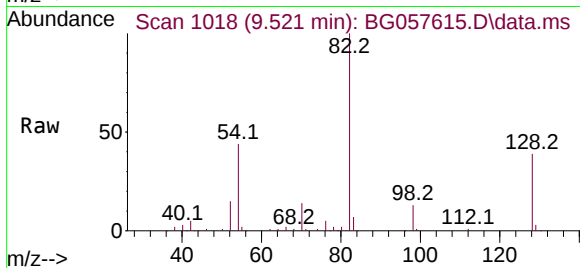
Tgt Ion: 82 Resp: 150907

Ion Ratio Lower Upper

82 100

128 38.7 30.0 45.0

54 43.6 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.961 min Scan# 1944

Delta R.T. 0.002 min

Lab File: BG057615.D

Acq: 30 May 2023 20:55

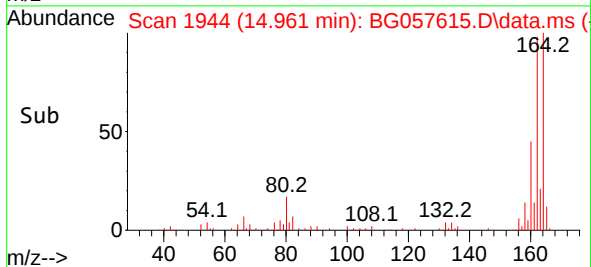
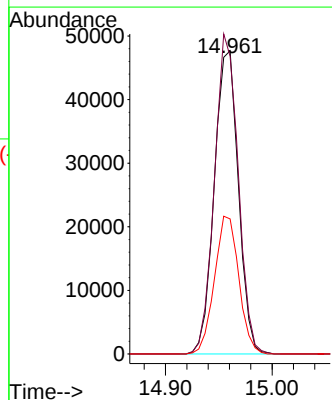
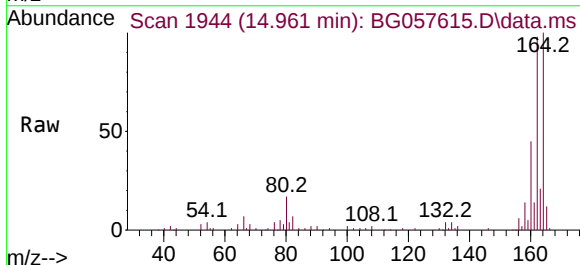
Tgt Ion:164 Resp: 74602

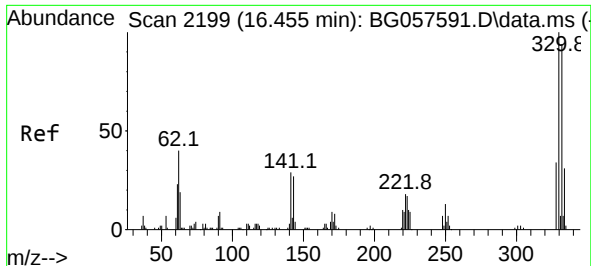
Ion Ratio Lower Upper

164 100

162 98.2 80.1 120.1

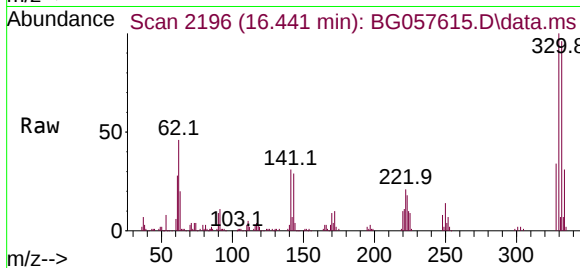
160 44.5 35.9 53.9



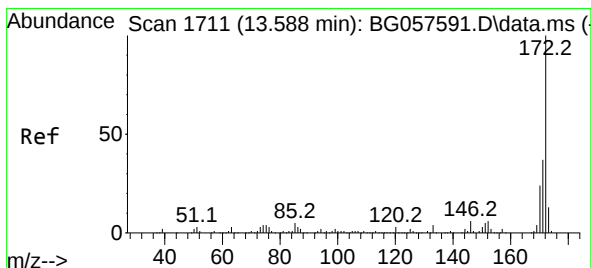
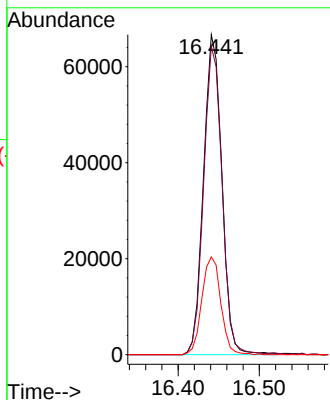
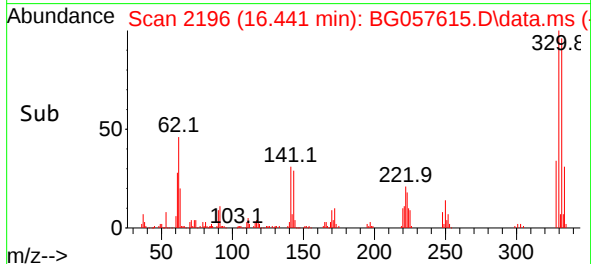


#42
2,4,6-Tribromophenol
Concen: 87.686 ng
RT: 16.441 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BG057615.D
Acq: 30 May 2023 20:55

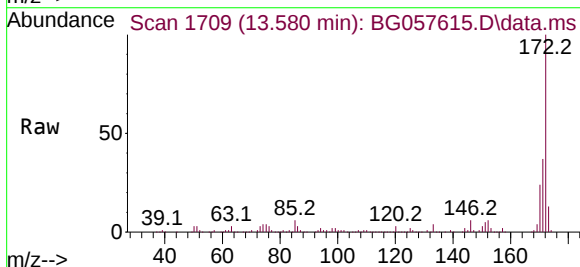
Instrument :
BNA_G
ClientSampleId :
SB25



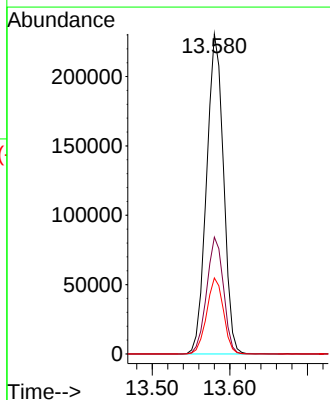
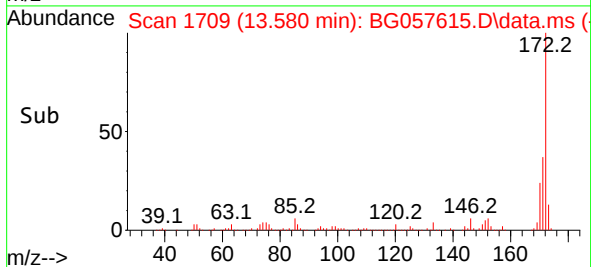
Tgt Ion:330 Resp: 104732
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 31.4 24.6 37.0

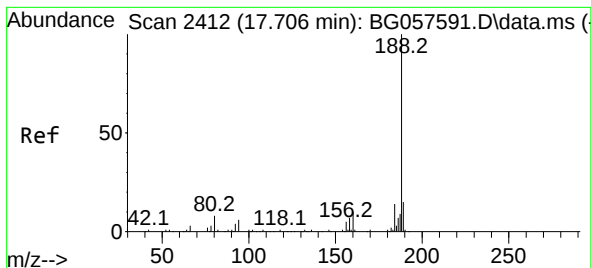


#45
2-Fluorobiphenyl
Concen: 67.653 ng
RT: 13.580 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG057615.D
Acq: 30 May 2023 20:55



Tgt Ion:172 Resp: 351192
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.698 min Scan# 2412

Delta R.T. 0.002 min

Lab File: BG057615.D

Acq: 30 May 2023 20:55

Instrument :

BNA_G

ClientSampleId :

SB25

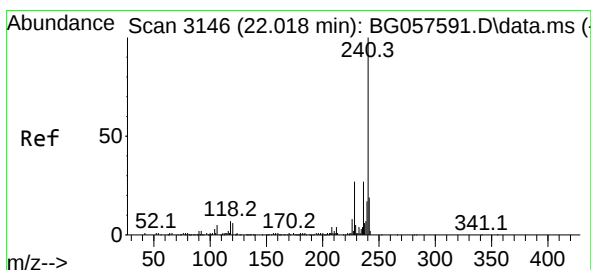
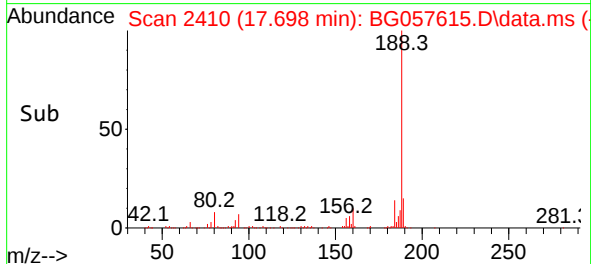
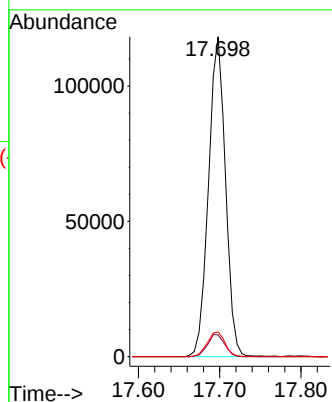
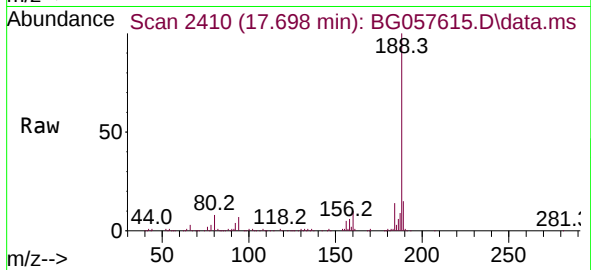
Tgt Ion:188 Resp: 171306

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

80 7.7 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.998 min Scan# 3142

Delta R.T. -0.004 min

Lab File: BG057615.D

Acq: 30 May 2023 20:55

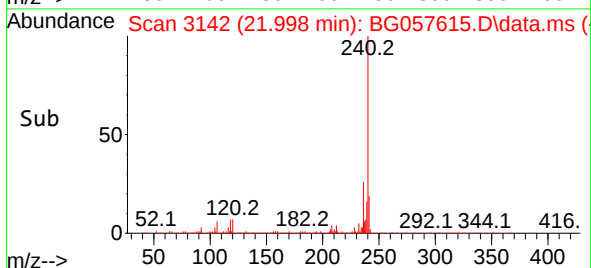
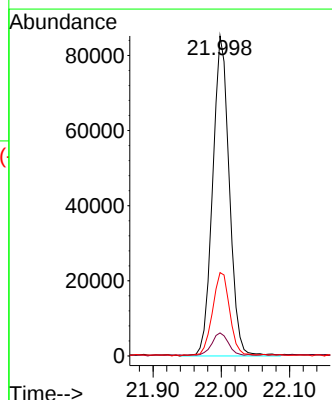
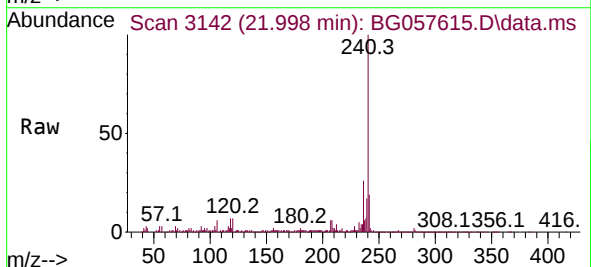
Tgt Ion:240 Resp: 145090

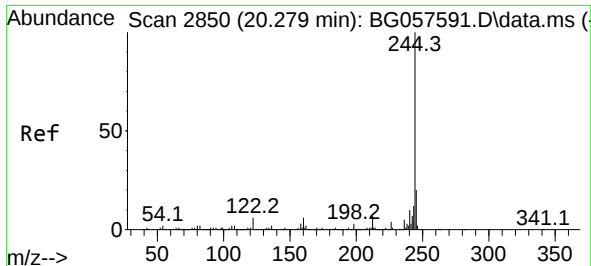
Ion Ratio Lower Upper

240 100

120 7.2 5.2 7.8

236 26.0 21.4 32.0

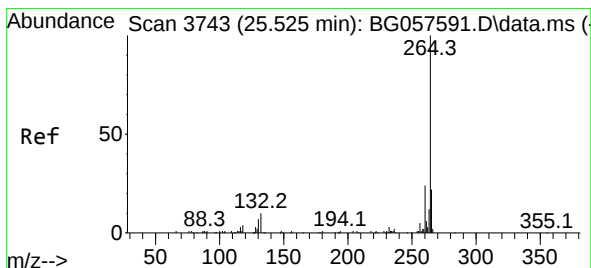
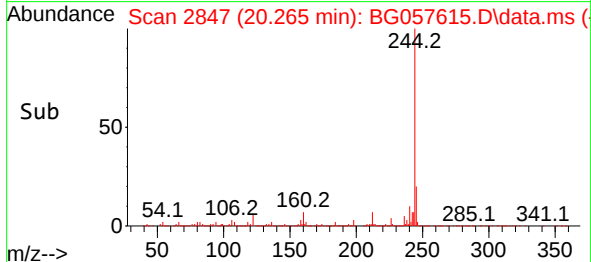
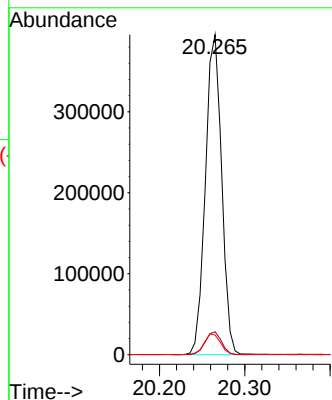
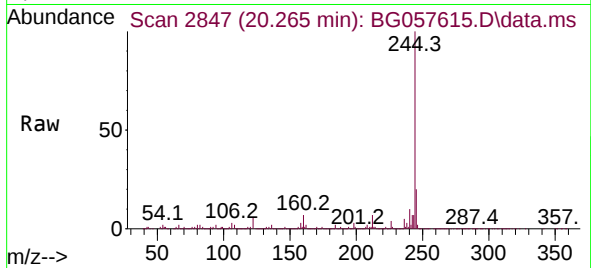




#79
 Terphenyl-d14
 Concen: 62.449 ng
 RT: 20.265 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057615.D
 Acq: 30 May 2023 20:55

Instrument :
 BNA_G
 ClientSampleId :
 SB25

Tgt Ion:244 Resp: 523071
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 6.2 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.493 min Scan# 3737
 Delta R.T. 0.002 min
 Lab File: BG057615.D
 Acq: 30 May 2023 20:55

Tgt Ion:264 Resp: 149522
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 23.5 17.7 26.5

