

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057747.D
 Acq On : 16 Jun 2023 23:38
 Operator : CG/JU
 Sample : 03251-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Jun 17 04:01:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	39010	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	174321	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	134730	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	353338	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	308154	20.000	ng	-0.01
86) Perylene-d12	24.716	264	369422	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	123502	51.550	ng	0.00
7) Phenol-d6	7.083	99	119885	32.573	ng	-0.01
23) Nitrobenzene-d5	9.093	82	233788	83.557	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	205478	136.701	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	585638	64.793	ng	-0.01
79) Terphenyl-d14	19.927	244	1052597	63.154	ng	0.00

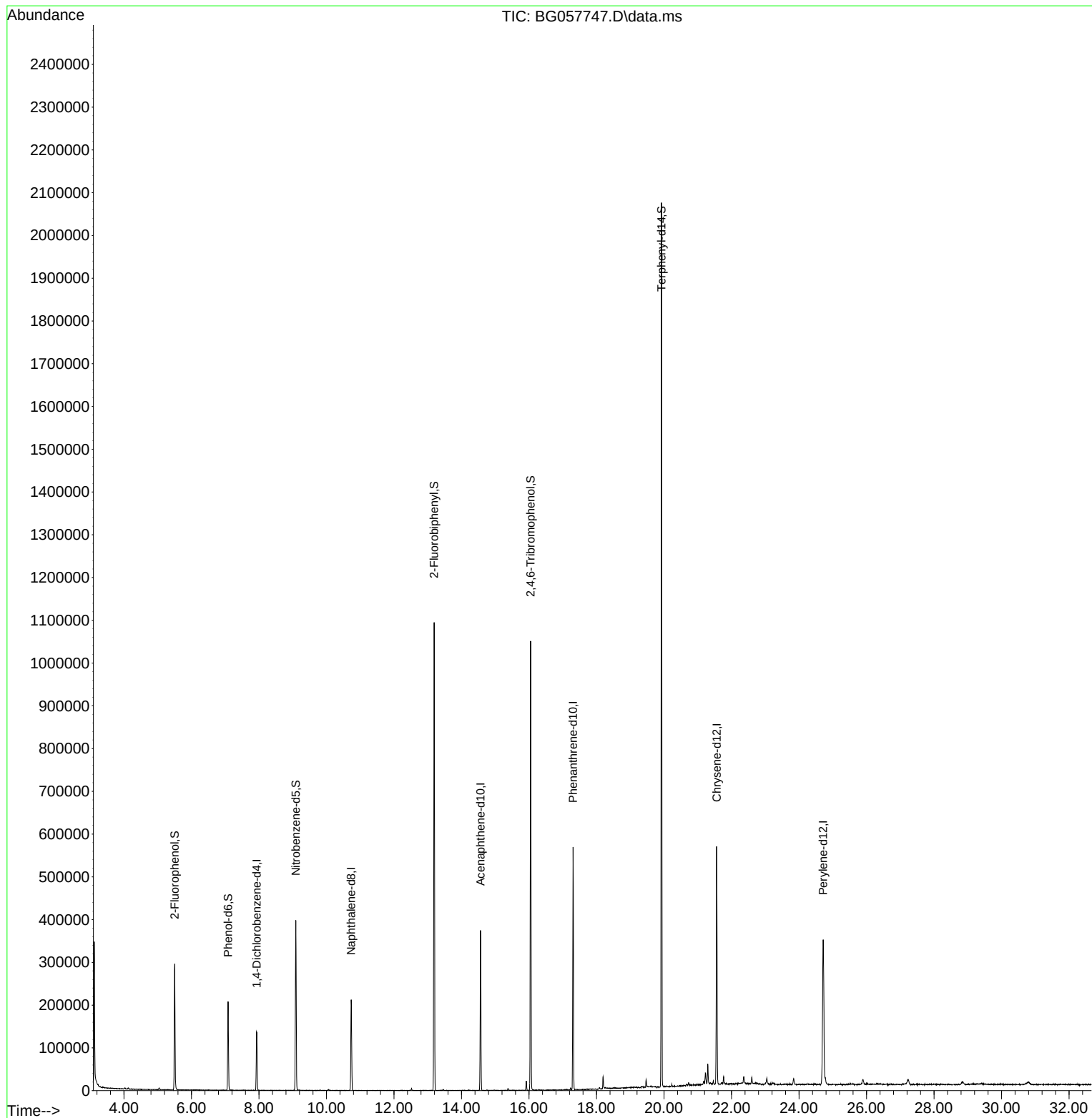
Target Compounds	Qvalue

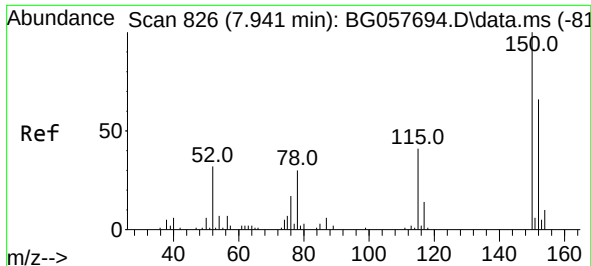
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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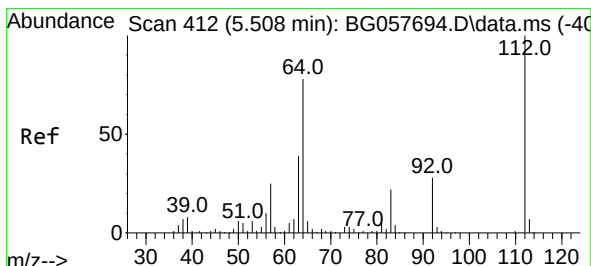
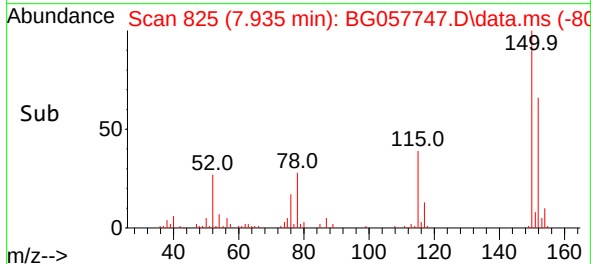
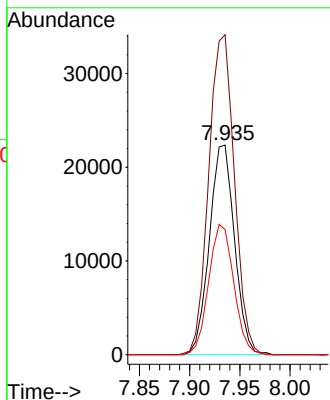
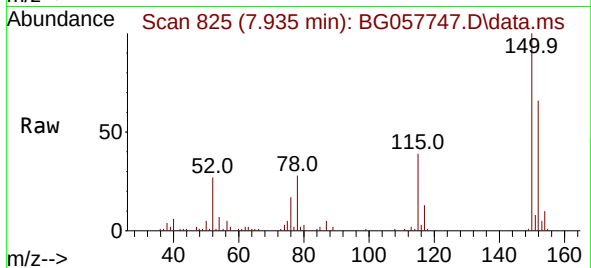




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

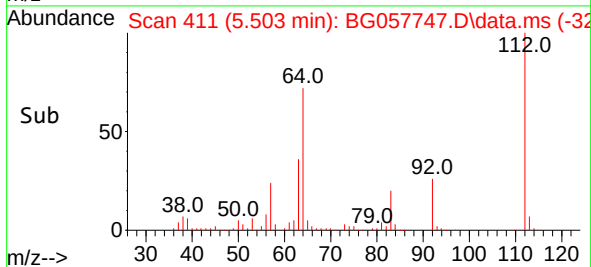
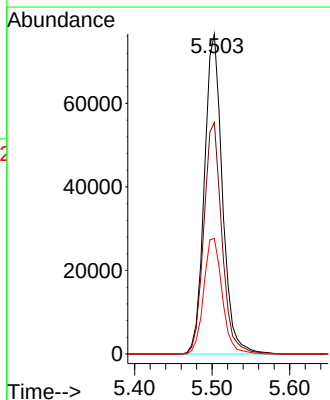
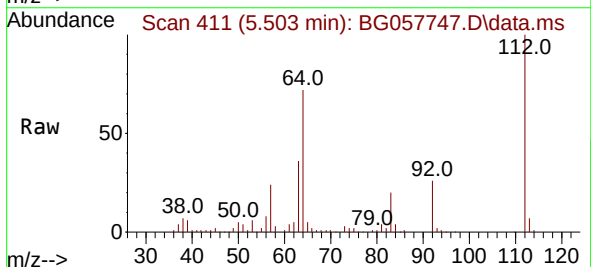
Instrument :
BNA_G
ClientSampleId :
MW-02

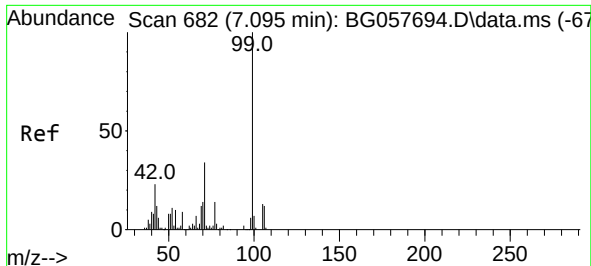
Tgt Ion:152 Resp: 39010
Ion Ratio Lower Upper
152 100
150 152.6 120.8 181.2
115 59.7 49.4 74.2



#5
2-Fluorophenol
Concen: 51.550 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion:112 Resp: 123502
Ion Ratio Lower Upper
112 100
64 72.4 62.3 93.5
63 36.1 31.5 47.3

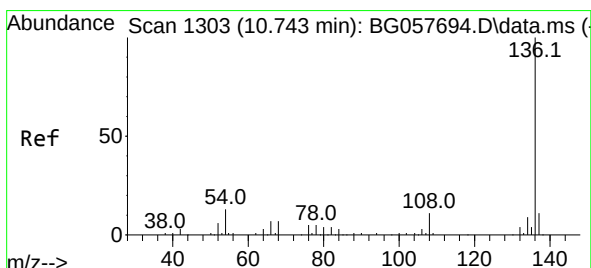
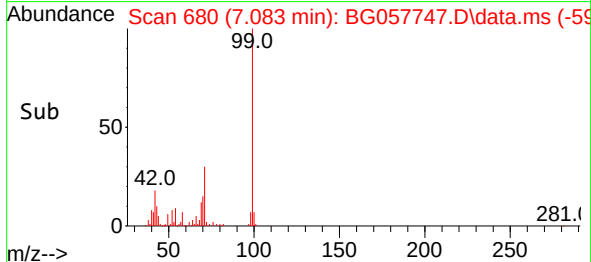
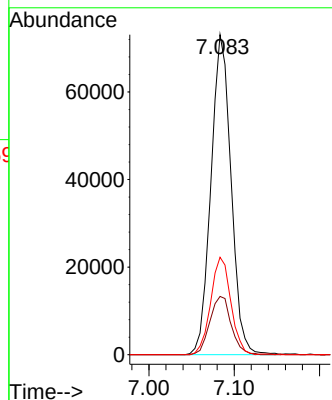
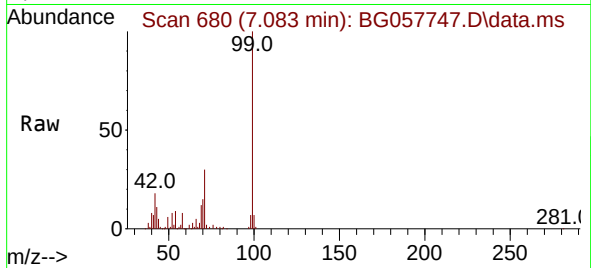




#7
Phenol-d6
Concen: 32.573 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

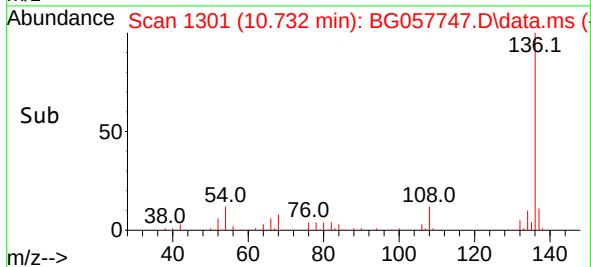
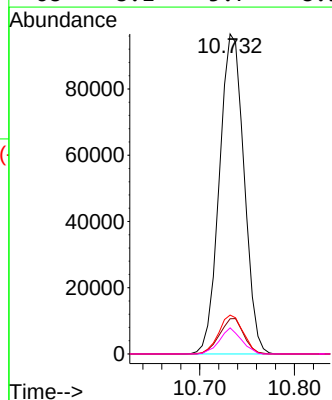
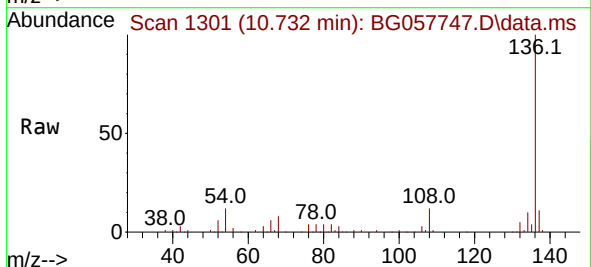
Instrument :
BNA_G
ClientSampleId :
MW-02

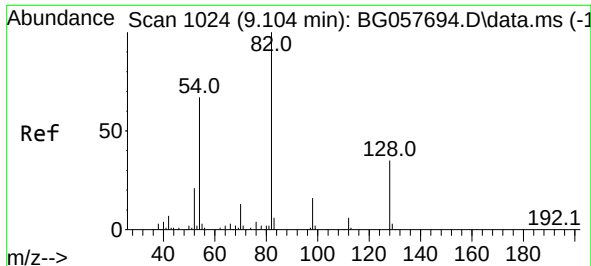
Tgt Ion: 99 Resp: 119885
Ion Ratio Lower Upper
99 100
42 18.2 18.3 27.5#
71 30.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.013 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion: 136 Resp: 174321
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.1 10.8 16.2
68 8.1 5.7 8.5

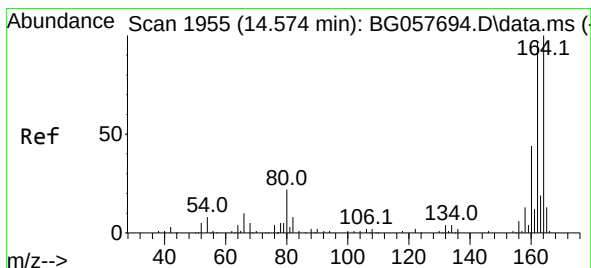
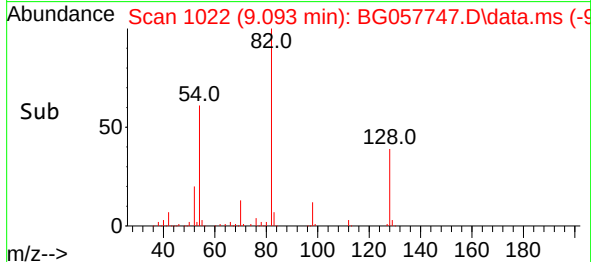
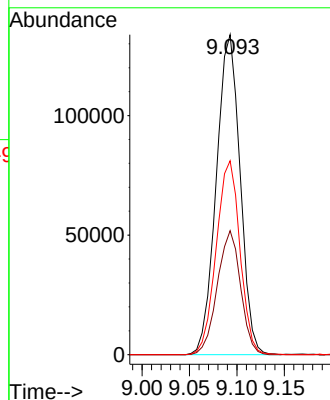
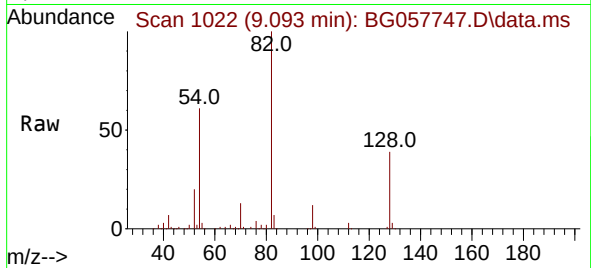




#23
Nitrobenzene-d5
Concen: 83.557 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

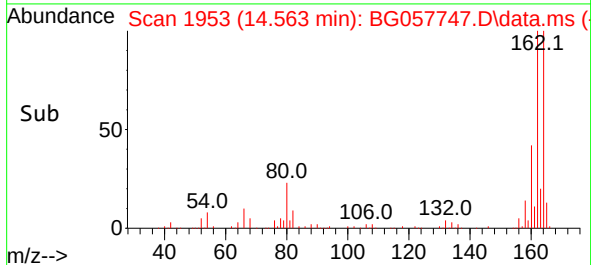
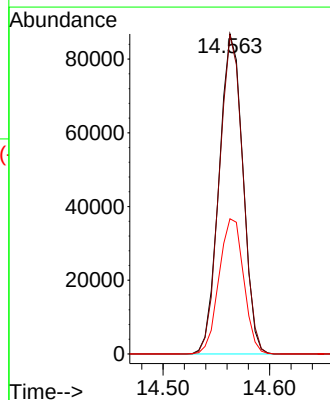
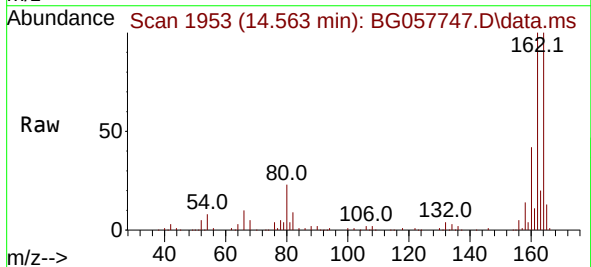
Instrument :
BNA_G
ClientSampleId :
MW-02

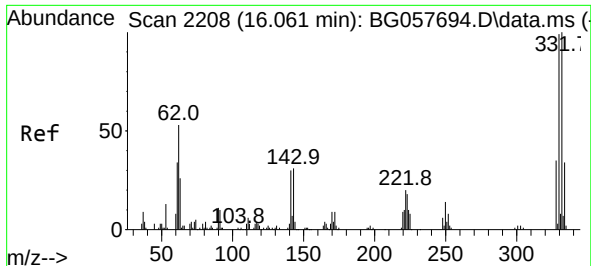
Tgt Ion: 82 Resp: 233788
Ion Ratio Lower Upper
82 100
128 38.8 27.7 41.5
54 60.6 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057747.D
Acq: 16 Jun 2023 23:38

Tgt Ion:164 Resp: 134730
Ion Ratio Lower Upper
164 100
162 99.7 77.7 116.5
160 42.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 136.701 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

Instrument :

BNA_G

ClientSampleId :

MW-02

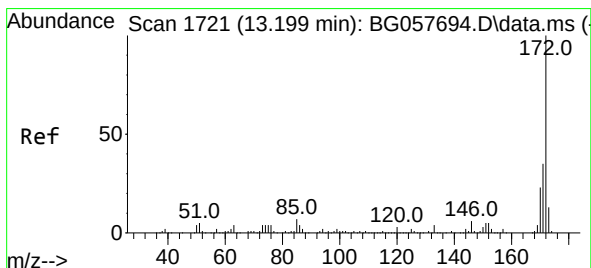
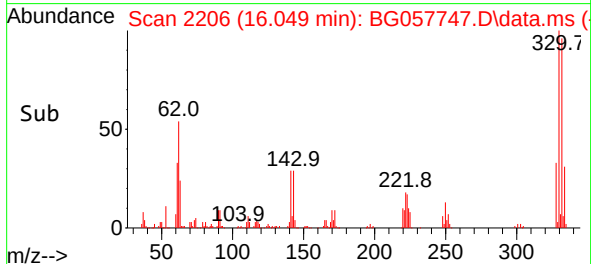
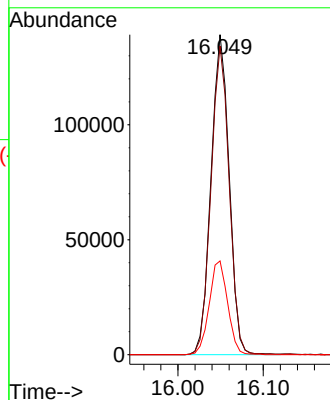
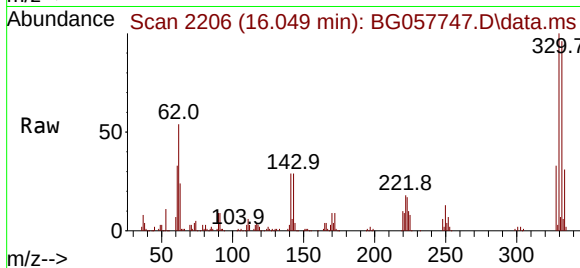
Tgt Ion:330 Resp: 205478

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.6

141 29.7 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 64.793 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

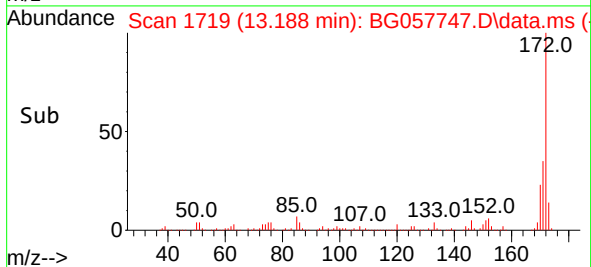
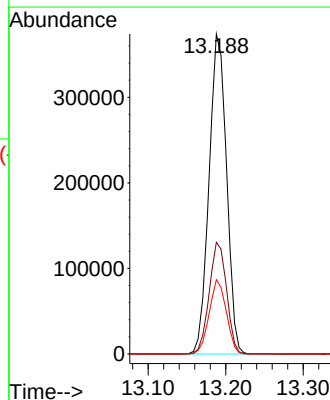
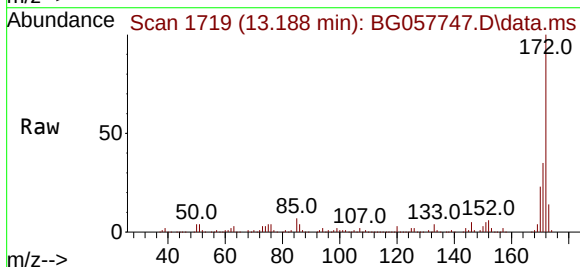
Tgt Ion:172 Resp: 585638

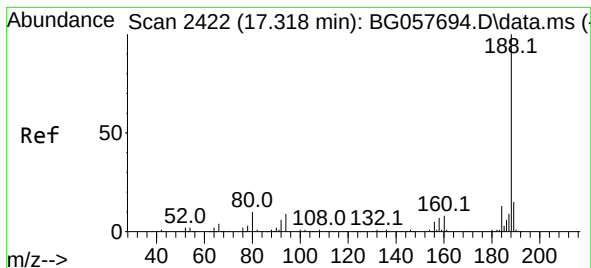
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.2 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 24

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

Instrument :

BNA_G

ClientSampleId :

MW-02

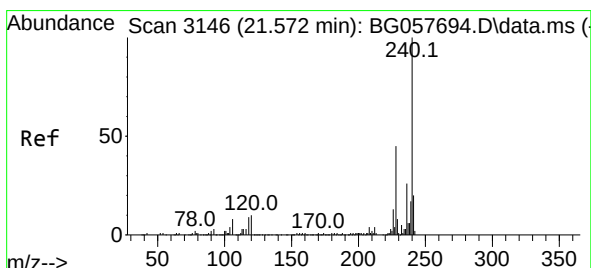
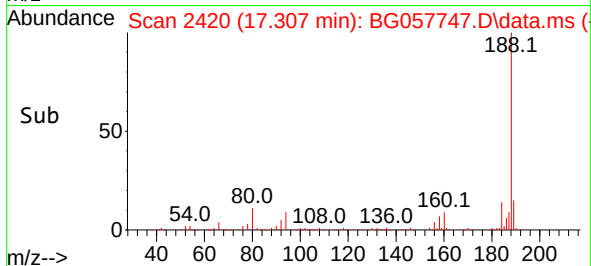
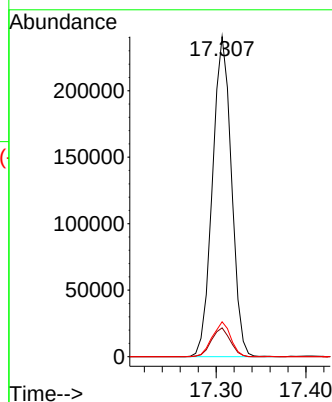
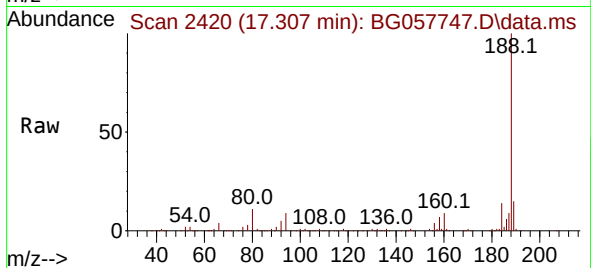
Tgt Ion:188 Resp: 353338

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 10.9 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.560 min Scan# 3144

Delta R.T. -0.013 min

Lab File: BG057747.D

Acq: 16 Jun 2023 23:38

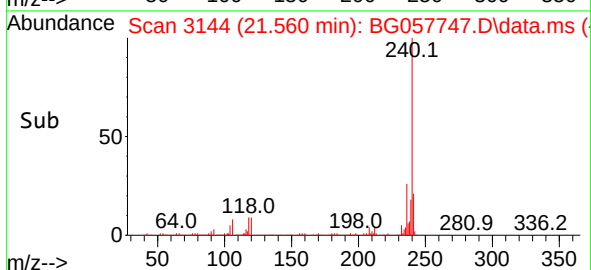
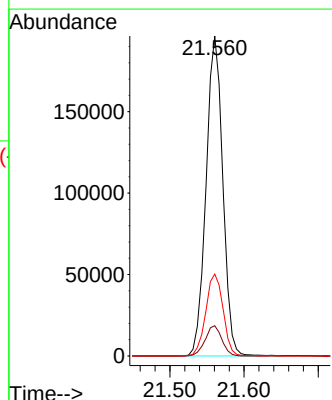
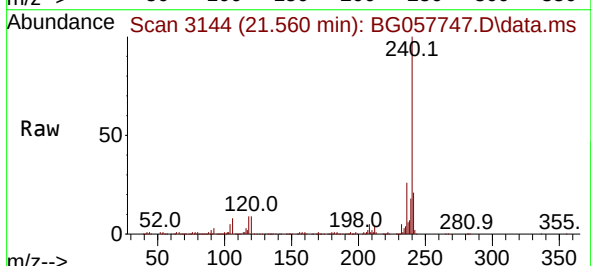
Tgt Ion:240 Resp: 308154

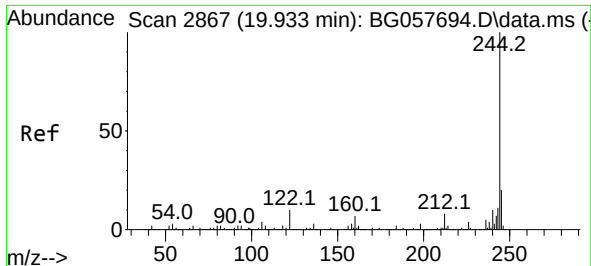
Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

236 25.6 20.7 31.1

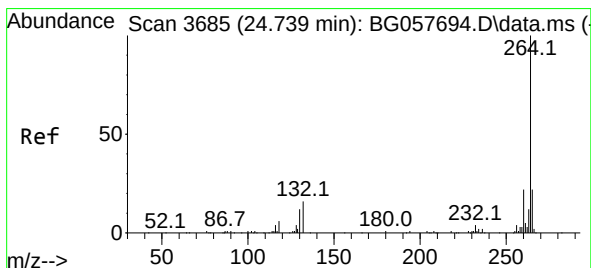
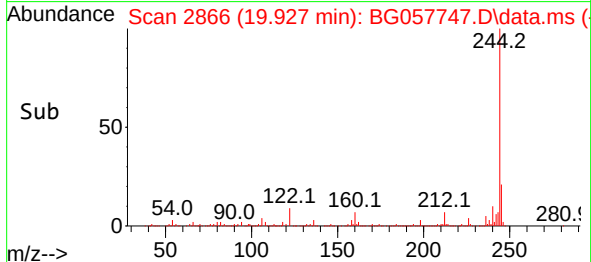
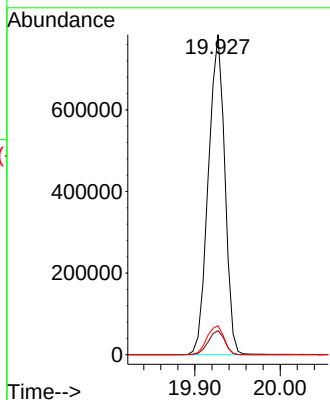
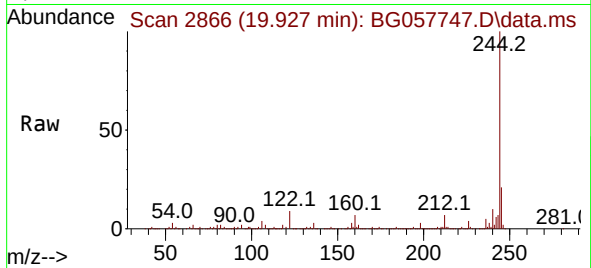




#79
 Terphenyl-d14
 Concen: 63.154 ng
 RT: 19.927 min Scan# 2867
 Delta R.T. -0.007 min
 Lab File: BG057747.D
 Acq: 16 Jun 2023 23:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Tgt Ion:244 Resp: 1052597
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.716 min Scan# 3681
 Delta R.T. -0.019 min
 Lab File: BG057747.D
 Acq: 16 Jun 2023 23:38

Tgt Ion:264 Resp: 369422
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.3 25.9
 265 22.3 17.5 26.3

