

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057570.D
 Acq On : 25 May 2023 23:20
 Operator : CG/JU
 Sample : 02908-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP01

Quant Time: May 26 03:02:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	22997	20.000	ng	0.00
21) Naphthalene-d8	11.189	136	92270	20.000	ng	0.00
39) Acenaphthene-d10	14.966	164	69749	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	160662	20.000	ng	0.00
76) Chrysene-d12	22.015	240	139906	20.000	ng	0.00
86) Perylene-d12	25.511	264	150195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	122380	91.031	ng	0.00
7) Phenol-d6	7.500	99	186793	91.499	ng	0.00
23) Nitrobenzene-d5	9.532	82	118484	53.895	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	90283	91.226	ng	0.00
45) 2-Fluorobiphenyl	13.592	172	290054	56.007	ng	0.00
79) Terphenyl-d14	20.277	244	486163	56.708	ng	0.00

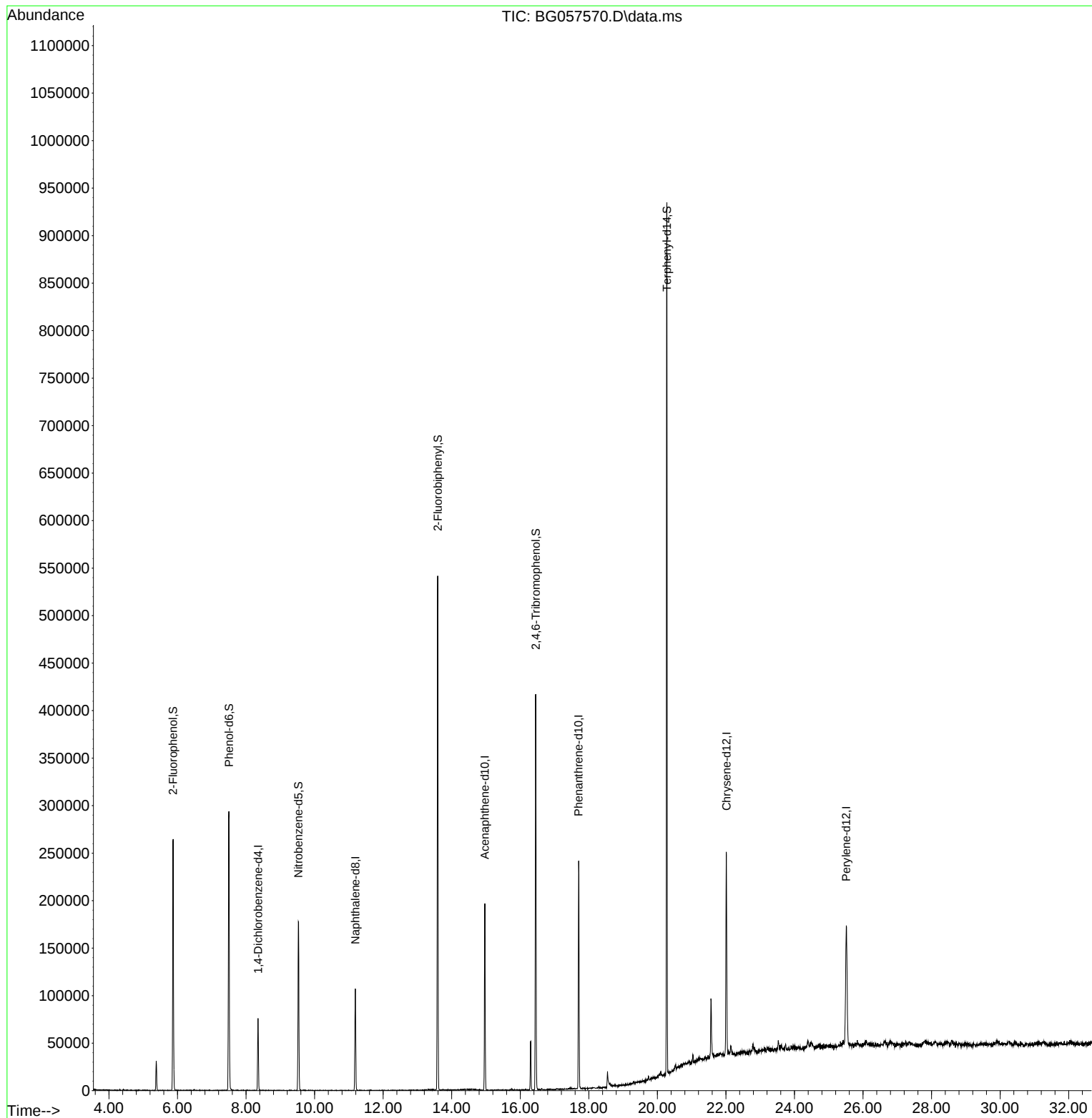
Target Compounds	Qvalue

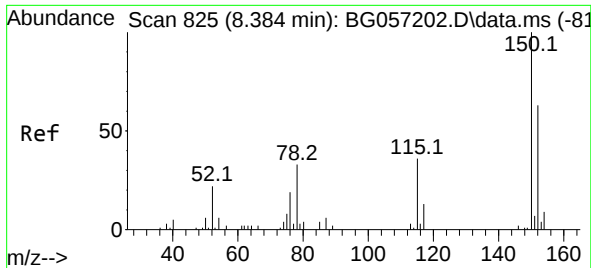
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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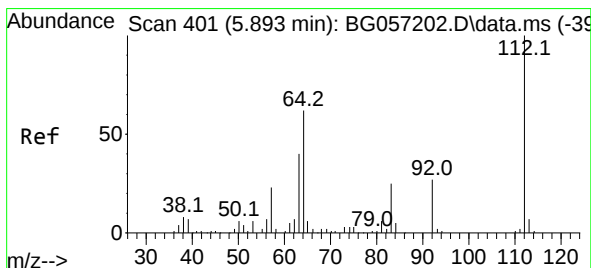
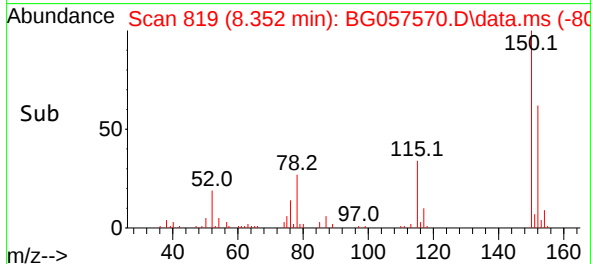
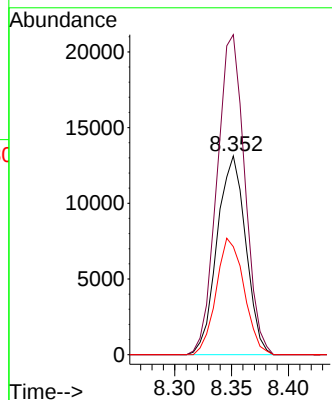
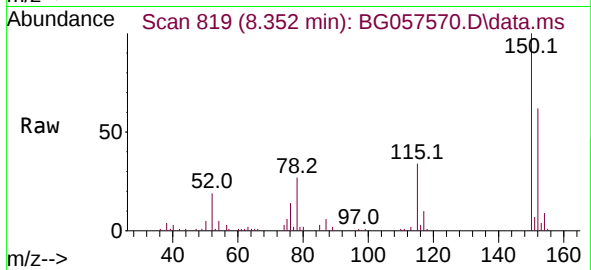




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.352 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

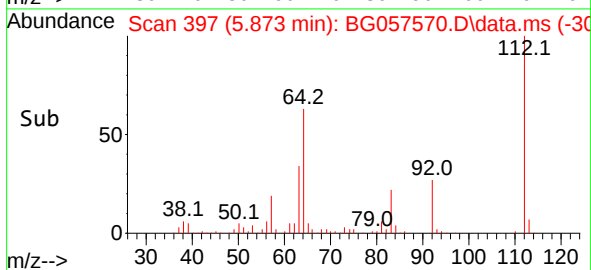
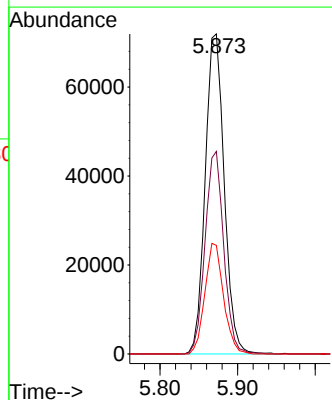
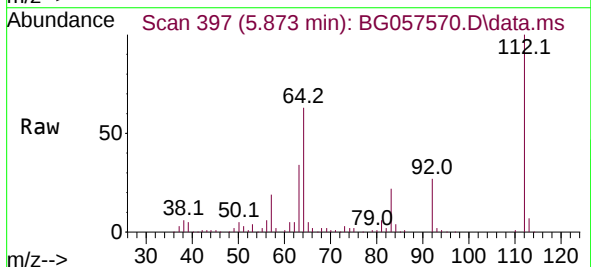
Instrument :
BNA_G
ClientSampleId :
DUP01

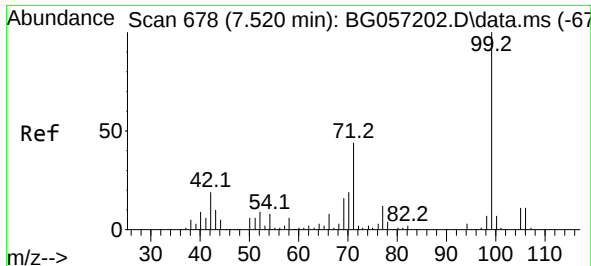
Tgt Ion:152 Resp: 22997
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.4
115 54.4 45.0 67.4



#5
2-Fluorophenol
Concen: 91.031 ng
RT: 5.873 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:112 Resp: 122380
Ion Ratio Lower Upper
112 100
64 63.3 49.4 74.2
63 34.0 31.6 47.4

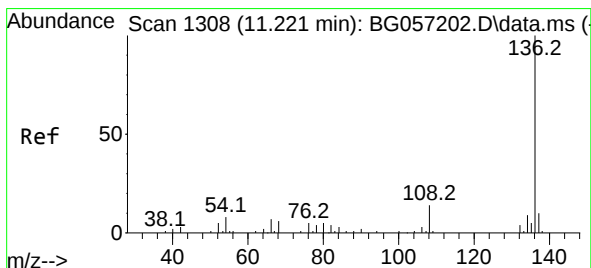
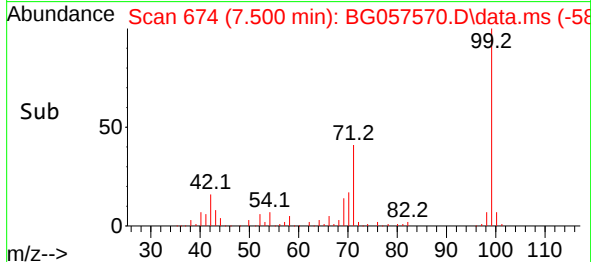
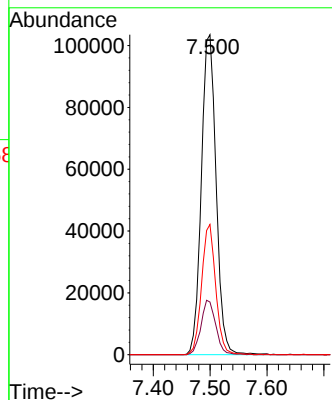
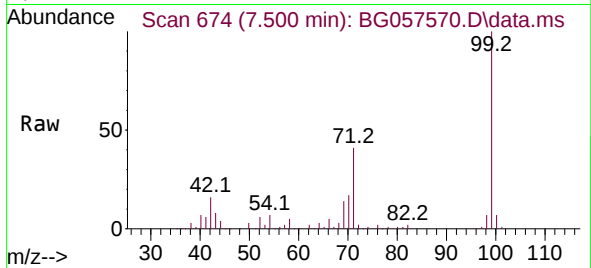




#7
Phenol-d6
Concen: 91.499 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

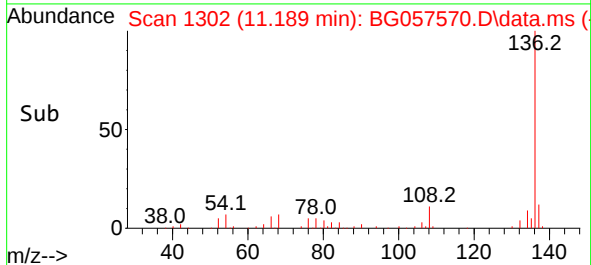
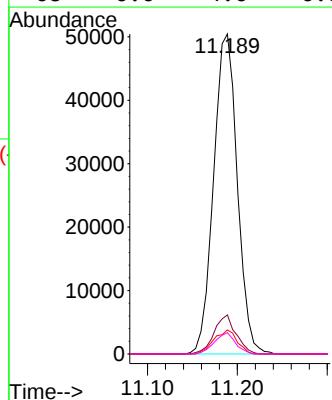
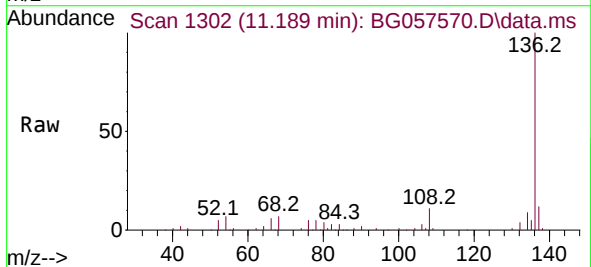
Instrument :
BNA_G
ClientSampleId :
DUP01

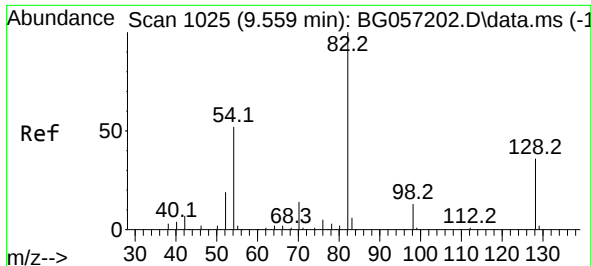
Tgt Ion: 99 Resp: 186793
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 40.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.189 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion: 136 Resp: 92270
Ion Ratio Lower Upper
136 100
137 12.2 8.3 12.5
54 7.5 6.7 10.1
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 53.895 ng

RT: 9.532 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BG057570.D

Acq: 25 May 2023 23:20

Instrument :

BNA_G

ClientSampleId :

DUP01

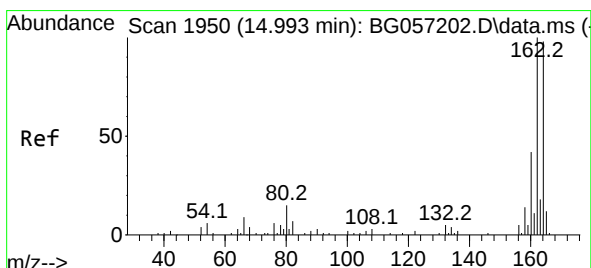
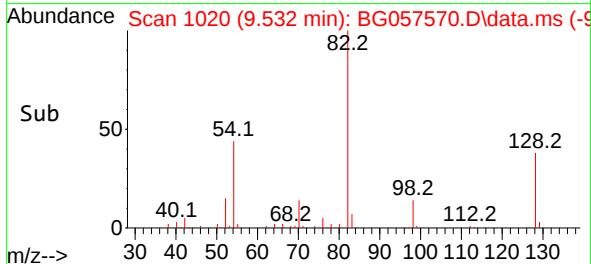
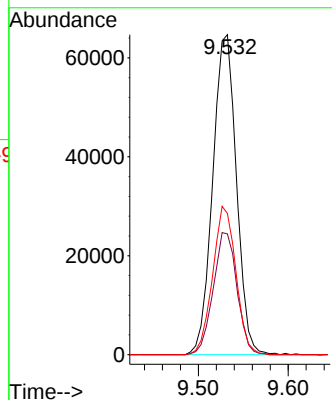
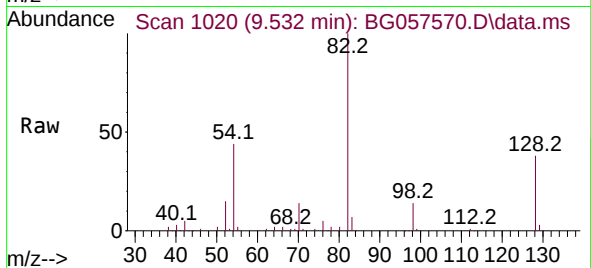
Tgt Ion: 82 Resp: 118484

Ion Ratio Lower Upper

82 100

128 37.7 29.0 43.4

54 44.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.966 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BG057570.D

Acq: 25 May 2023 23:20

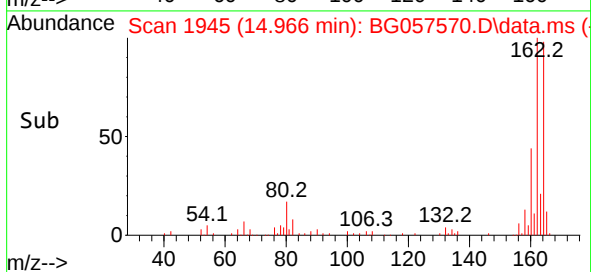
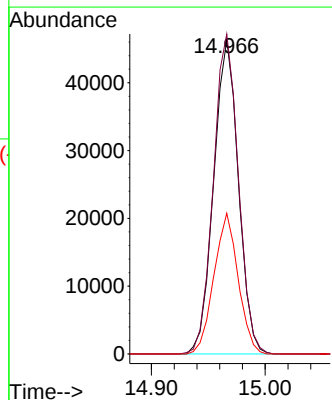
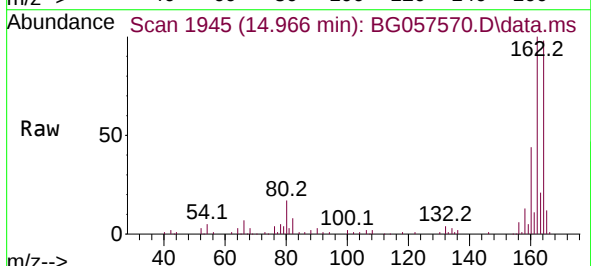
Tgt Ion:164 Resp: 69749

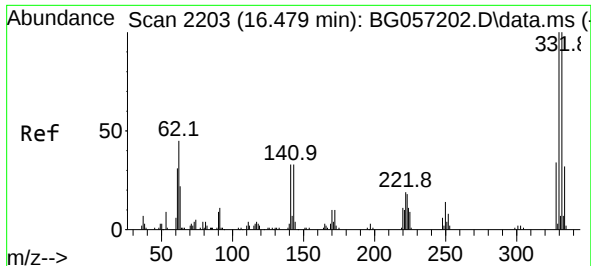
Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 44.8 34.6 52.0

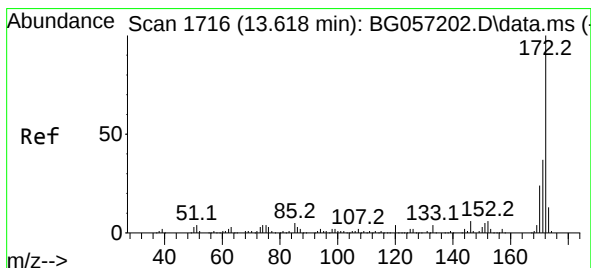
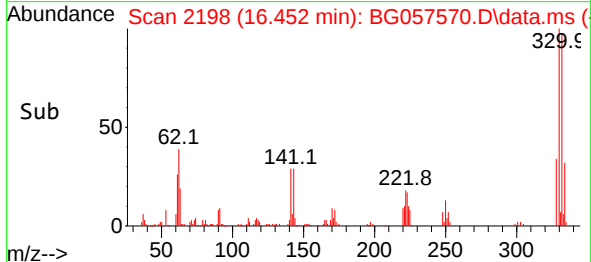
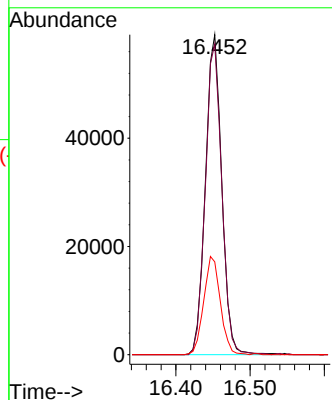
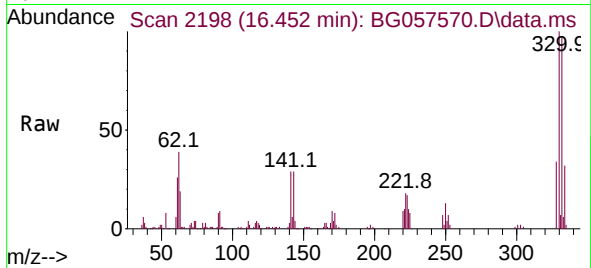




#42
2,4,6-Tribromophenol
Concen: 91.226 ng
RT: 16.452 min Scan# 21198
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

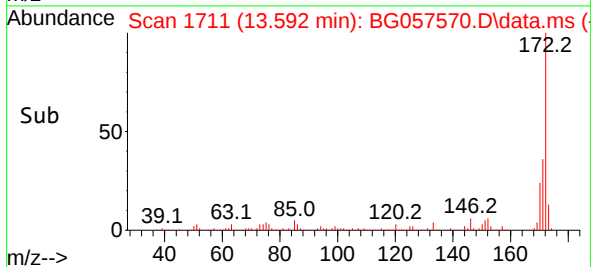
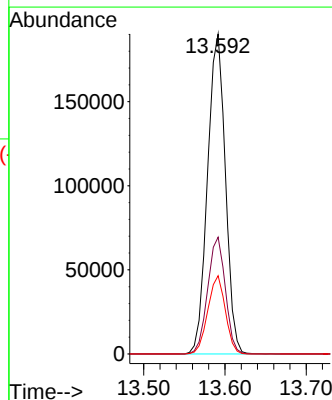
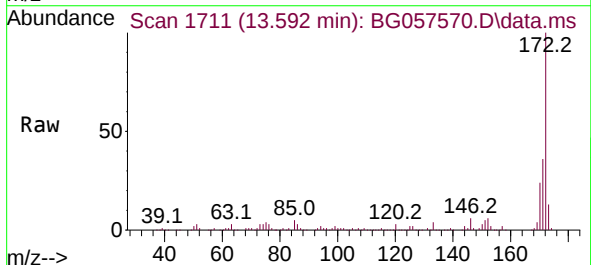
Instrument :
BNA_G
ClientSampleId :
DUP01

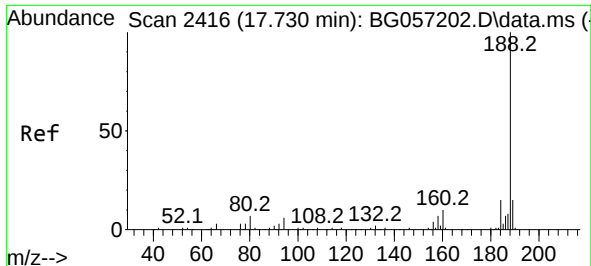
Tgt Ion:330 Resp: 90283
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 31.3 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 56.007 ng
RT: 13.592 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:172 Resp: 290054
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.4 19.0 28.6

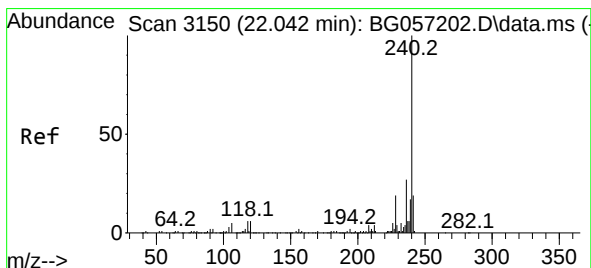
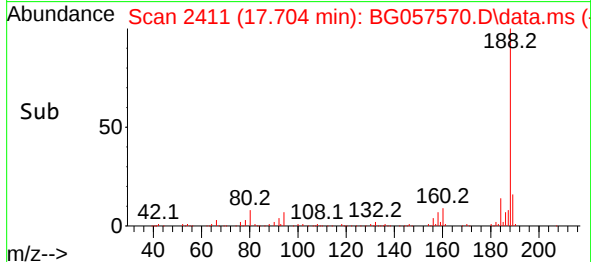
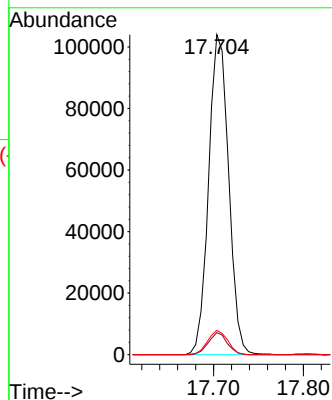
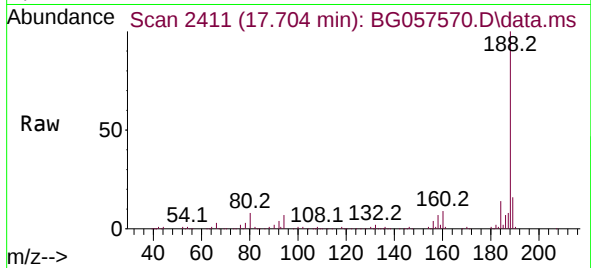




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.704 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

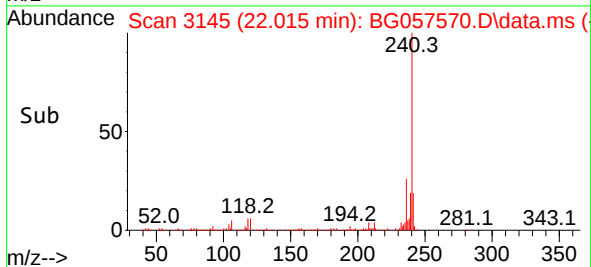
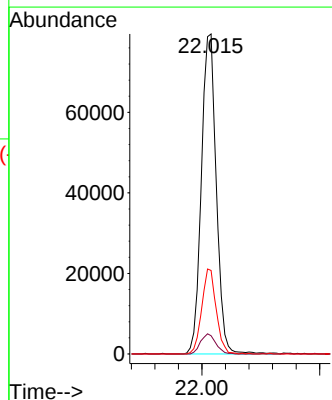
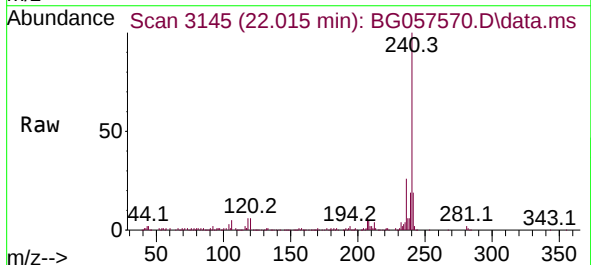
Instrument :
BNA_G
ClientSampleId :
DUP01

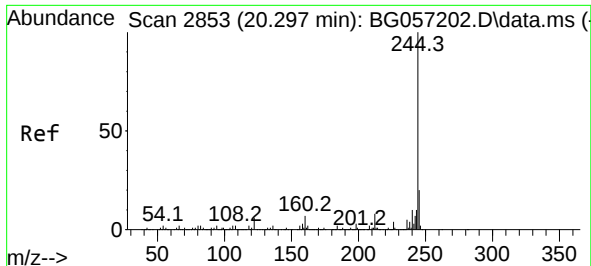
Tgt Ion:188 Resp: 160662
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.6 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:240 Resp: 139906
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 26.1 21.4 32.2

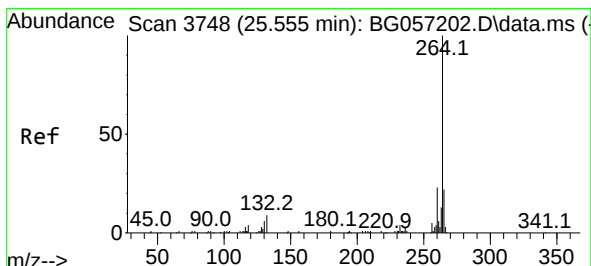
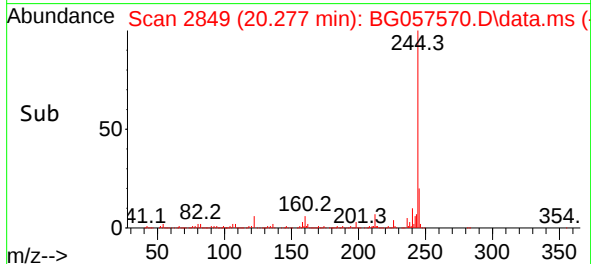
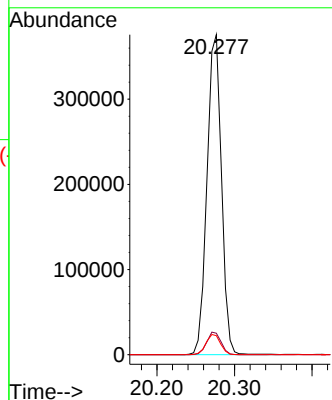
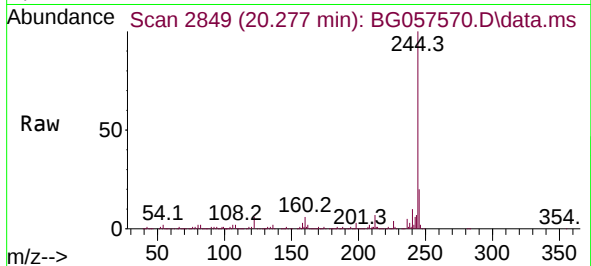




#79
 Terphenyl-d14
 Concen: 56.708 ng
 RT: 20.277 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057570.D
 Acq: 25 May 2023 23:20

Instrument :
 BNA_G
 ClientSampleId :
 DUP01

Tgt Ion:244 Resp: 486163
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.511 min Scan# 3740
 Delta R.T. -0.011 min
 Lab File: BG057570.D
 Acq: 25 May 2023 23:20

Tgt Ion:264 Resp: 150195
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.4 17.9 26.9

