

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058542.D
 Acq On : 31 Jul 2023 14:05
 Operator : MA/JU
 Sample : 03741-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P28B

Quant Time: Jul 31 15:12:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	50216	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	215781	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	151030	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	351234	20.000	ng	0.00
76) Chrysene-d12	21.445	240	308304	20.000	ng	0.00
86) Perylene-d12	24.518	264	381779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	285448	86.884	ng	0.00
7) Phenol-d6	6.986	99	404651	88.514	ng	0.00
23) Nitrobenzene-d5	8.978	82	231693	52.748	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	189519	76.558	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	536757	53.260	ng	0.00
79) Terphenyl-d14	19.829	244	937529	57.185	ng	0.00

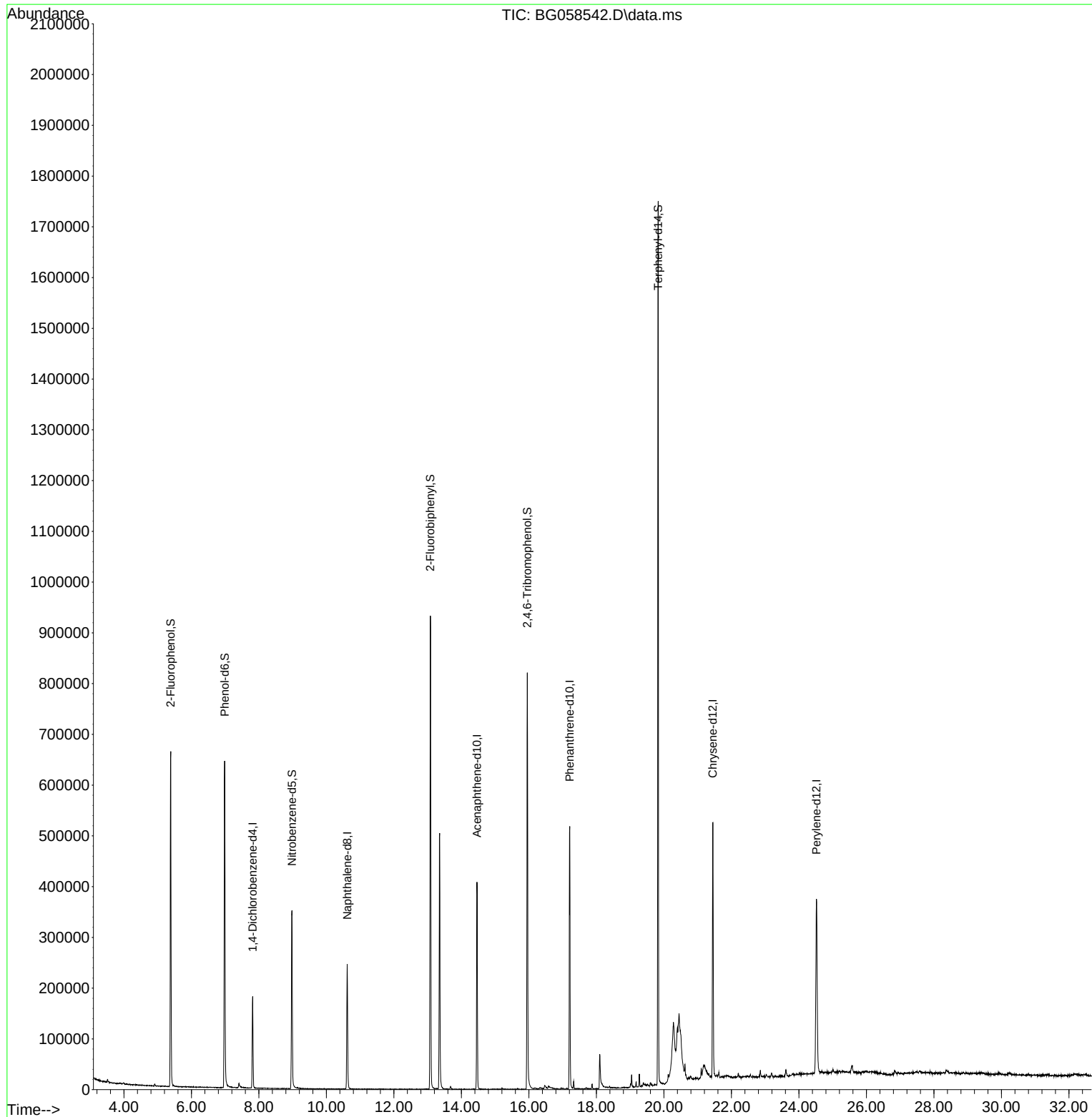
Target Compounds	Qvalue

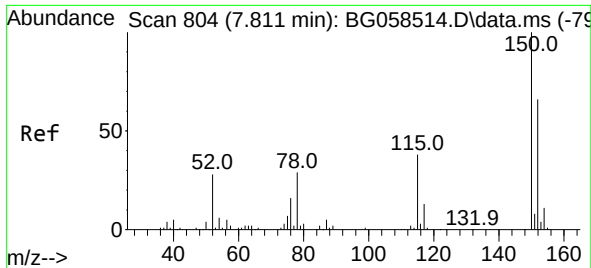
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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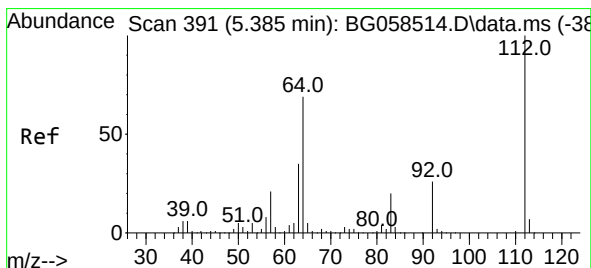
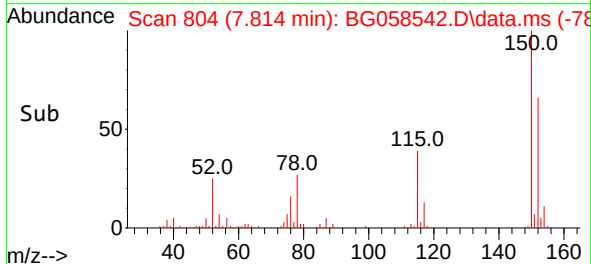
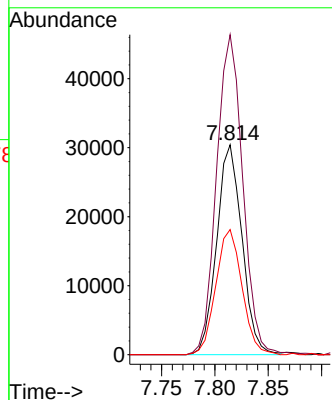
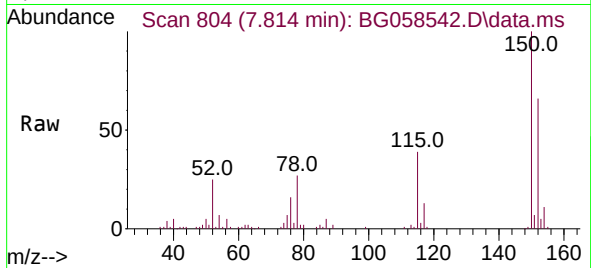




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.814 min Scan# 804
 Delta R.T. 0.003 min
 Lab File: BG058542.D
 Acq: 31 Jul 2023 14:05

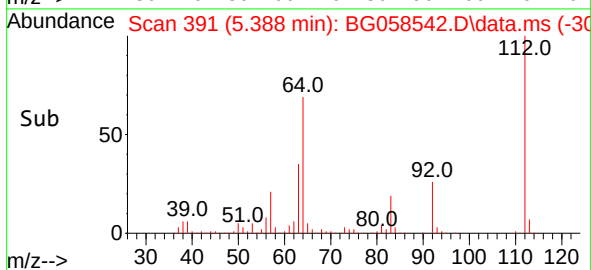
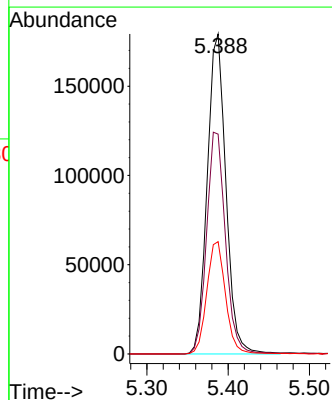
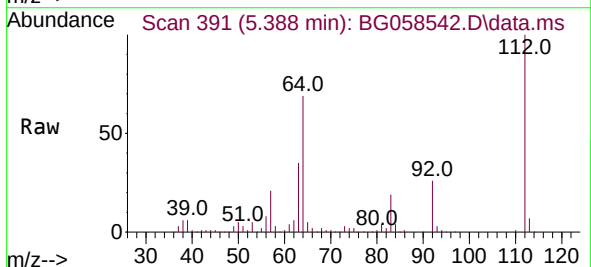
Instrument :
 BNA_G
 ClientSampleId :
 B-P28B

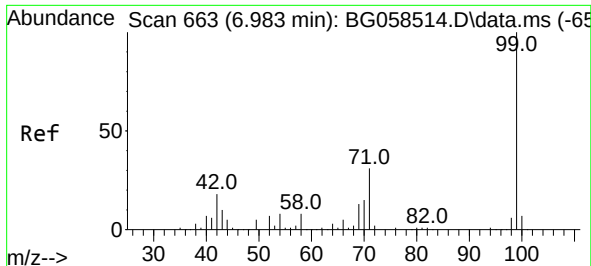
Tgt Ion:152 Resp: 50216
 Ion Ratio Lower Upper
 152 100
 150 152.4 120.5 180.7
 115 59.6 45.9 68.9



#5
 2-Fluorophenol
 Concen: 86.884 ng
 RT: 5.388 min Scan# 391
 Delta R.T. 0.003 min
 Lab File: BG058542.D
 Acq: 31 Jul 2023 14:05

Tgt Ion:112 Resp: 285448
 Ion Ratio Lower Upper
 112 100
 64 68.7 55.3 82.9
 63 35.1 28.3 42.5

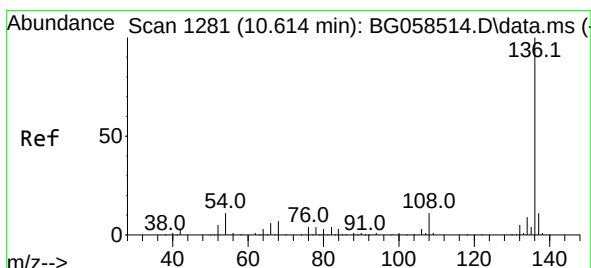
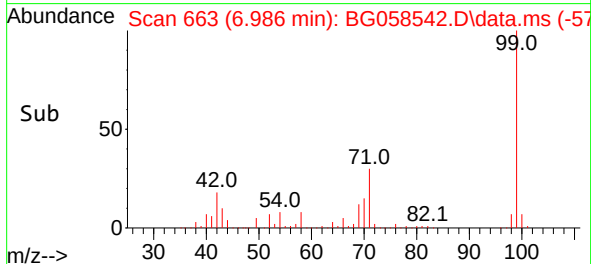
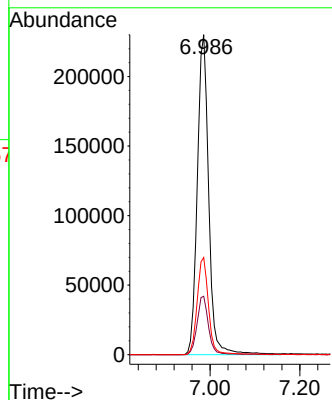
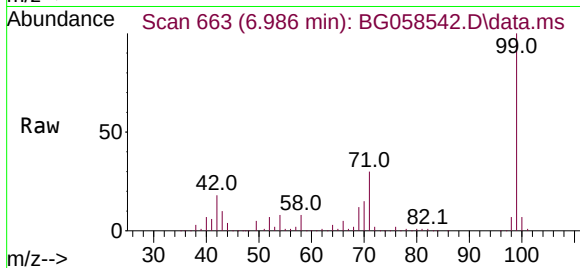




#7
Phenol-d6
Concen: 88.514 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058542.D
Acq: 31 Jul 2023 14:05

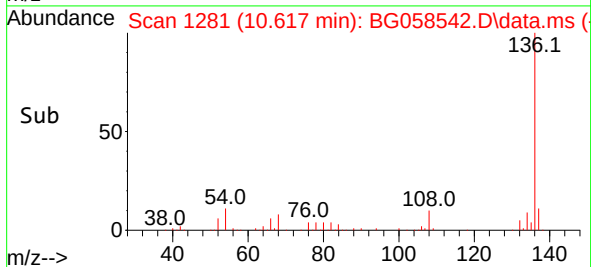
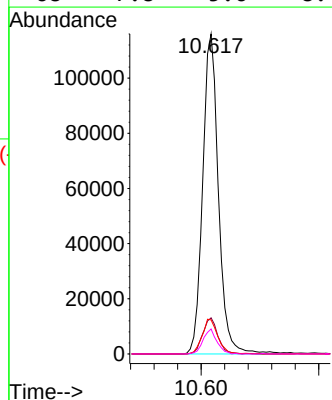
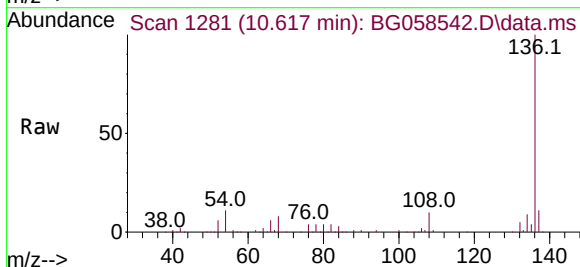
Instrument :
BNA_G
ClientSampleId :
B-P28B

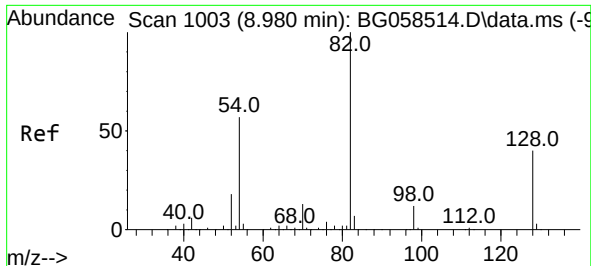
Tgt Ion: 99 Resp: 404651
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 30.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058542.D
Acq: 31 Jul 2023 14:05

Tgt Ion: 136 Resp: 215781
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.6 8.9 13.3
68 7.8 5.6 8.4

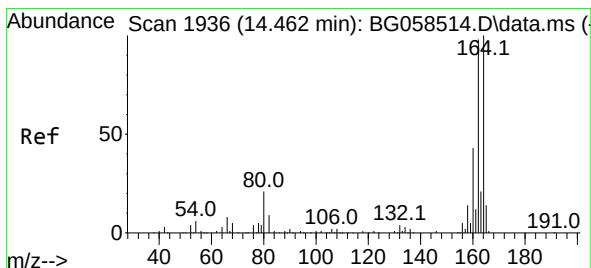
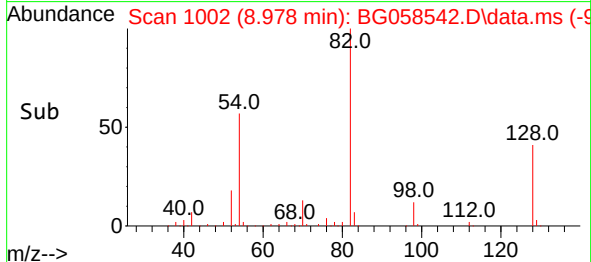
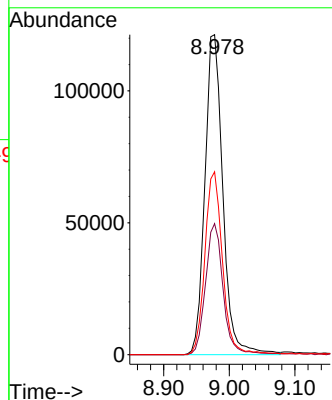
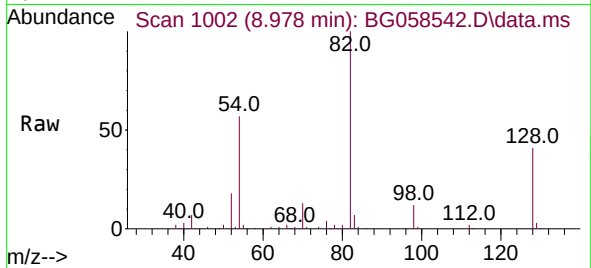




#23
Nitrobenzene-d5
Concen: 52.748 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058542.D
Acq: 31 Jul 2023 14:05

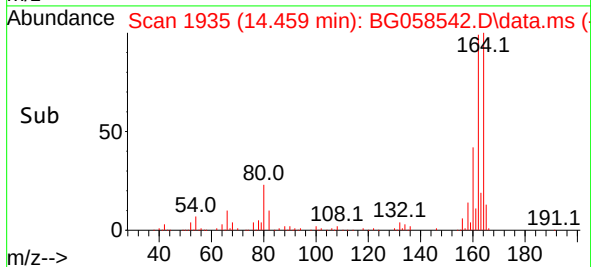
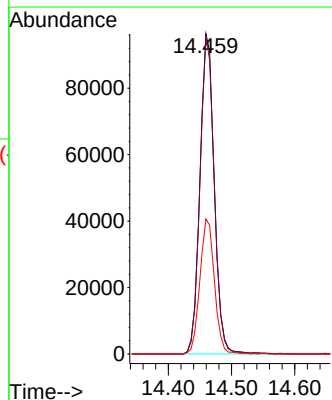
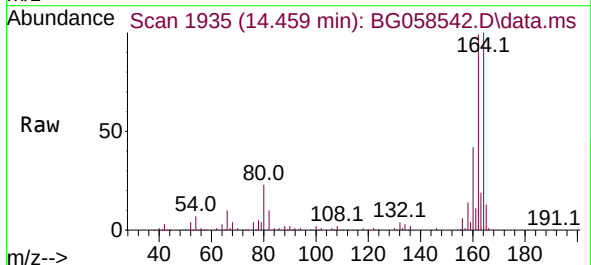
Instrument :
BNA_G
ClientSampleId :
B-P28B

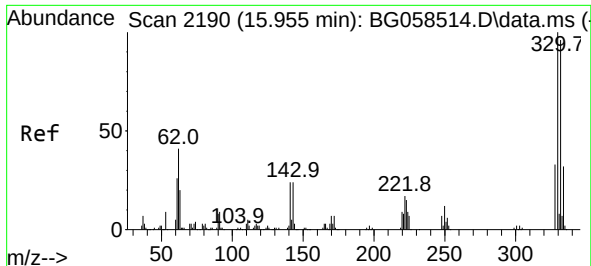
Tgt Ion: 82 Resp: 231693
Ion Ratio Lower Upper
82 100
128 40.9 32.2 48.2
54 57.1 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058542.D
Acq: 31 Jul 2023 14:05

Tgt Ion:164 Resp: 151030
Ion Ratio Lower Upper
164 100
162 99.2 78.3 117.5
160 42.2 34.1 51.1

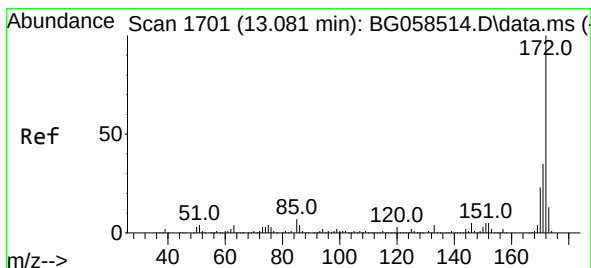
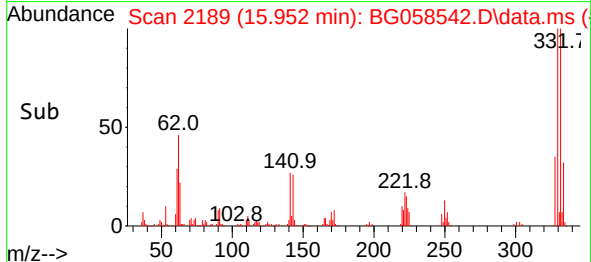
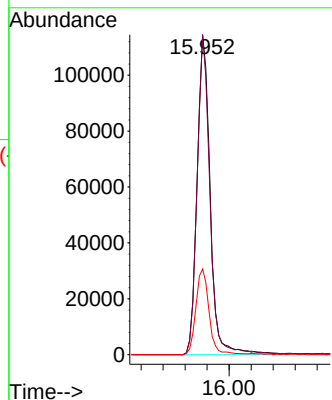
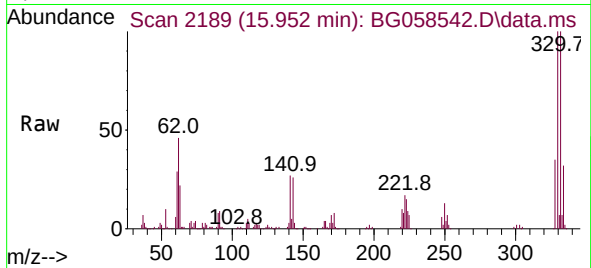




#42
2,4,6-Tribromophenol
Concen: 76.558 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG058542.D
Acq: 31 Jul 2023 14:05

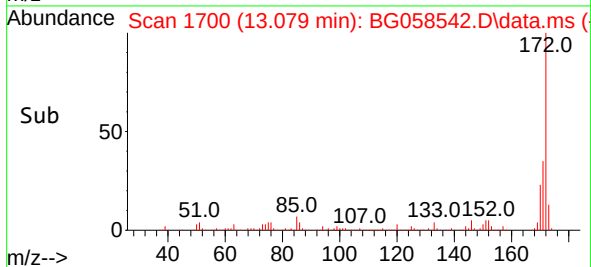
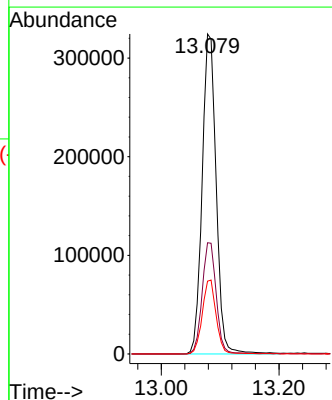
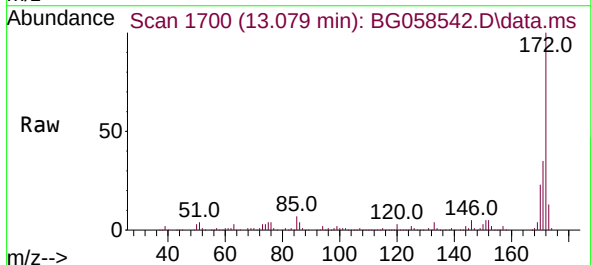
Instrument :
BNA_G
ClientSampleId :
B-P28B

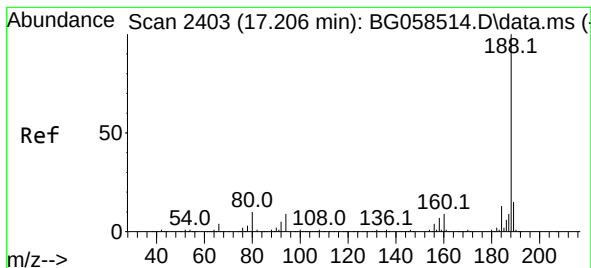
Tgt Ion:330 Resp: 189519
Ion Ratio Lower Upper
330 100
332 98.1 77.5 116.3
141 26.8 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 53.260 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058542.D
Acq: 31 Jul 2023 14:05

Tgt Ion:172 Resp: 536757
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 22.7 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.209 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG058542.D

Acq: 31 Jul 2023 14:05

Instrument :

BNA_G

ClientSampleId :

B-P28B

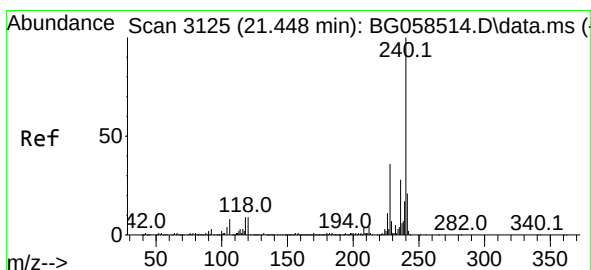
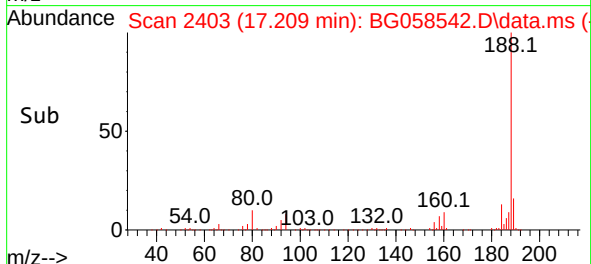
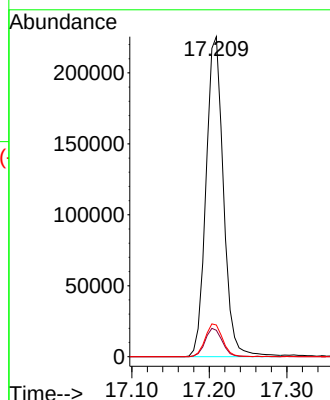
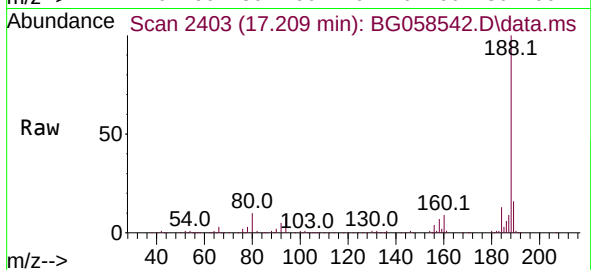
Tgt Ion:188 Resp: 351234

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3124

Delta R.T. -0.003 min

Lab File: BG058542.D

Acq: 31 Jul 2023 14:05

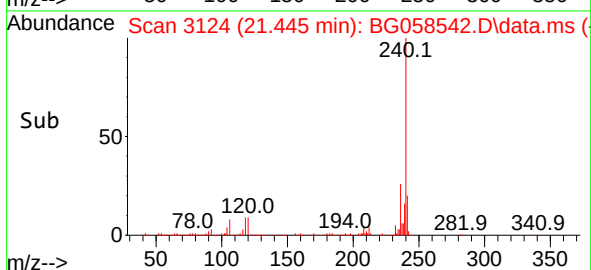
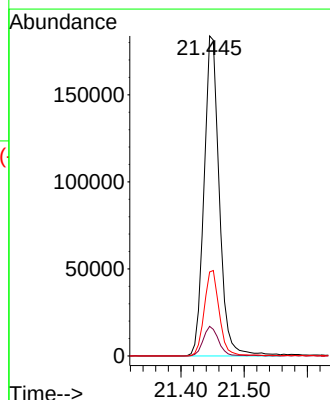
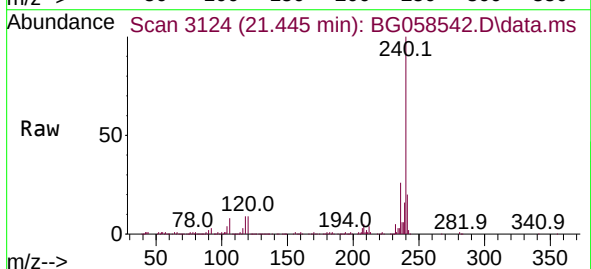
Tgt Ion:240 Resp: 308304

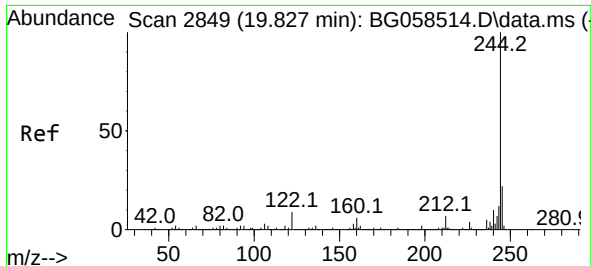
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 26.2 22.2 33.4

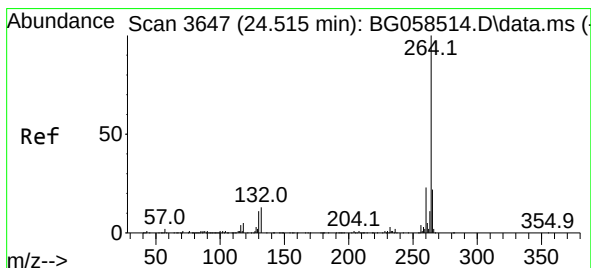
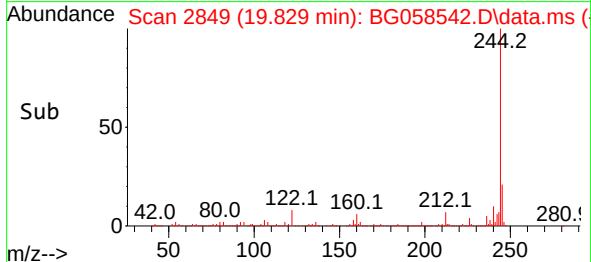
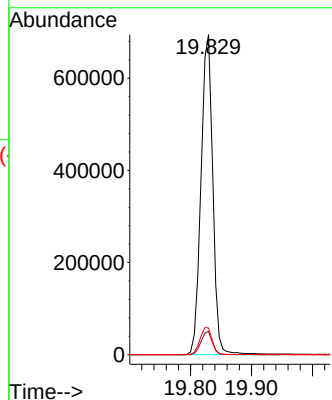
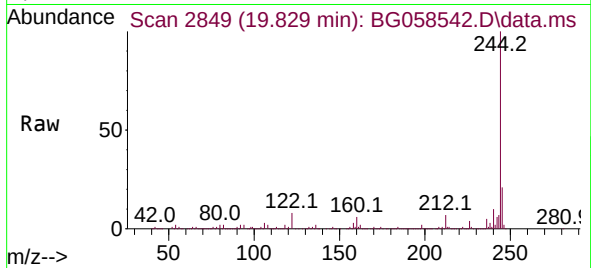




#79
 Terphenyl-d14
 Concen: 57.185 ng
 RT: 19.829 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058542.D
 Acq: 31 Jul 2023 14:05

Instrument :
 BNA_G
 ClientSampleId :
 B-P28B

Tgt Ion:244 Resp: 937529
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 3647
 Delta R.T. 0.003 min
 Lab File: BG058542.D
 Acq: 31 Jul 2023 14:05

Tgt Ion:264 Resp: 381779
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.7 17.9 26.9

