

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073123\
 Data File : BG058538.D
 Acq On : 31 Jul 2023 11:09
 Operator : MA/JU
 Sample : PB154403BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154403BL

Quant Time: Jul 31 12:26:48 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	7.811	152	41356	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	167390	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	112615	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	288355	20.000	ng	0.00
76) Chrysene-d12	21.448	240	289168	20.000	ng	0.00
86) Perylene-d12	24.521	264	349376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	408483	150.969	ng	0.00
7) Phenol-d6	6.989	99	539850	143.387	ng	0.00
23) Nitrobenzene-d5	8.981	82	312925	91.837	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	243442	131.887	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	708555	94.289	ng	0.00
79) Terphenyl-d14	19.827	244	1477158	96.063	ng	0.00

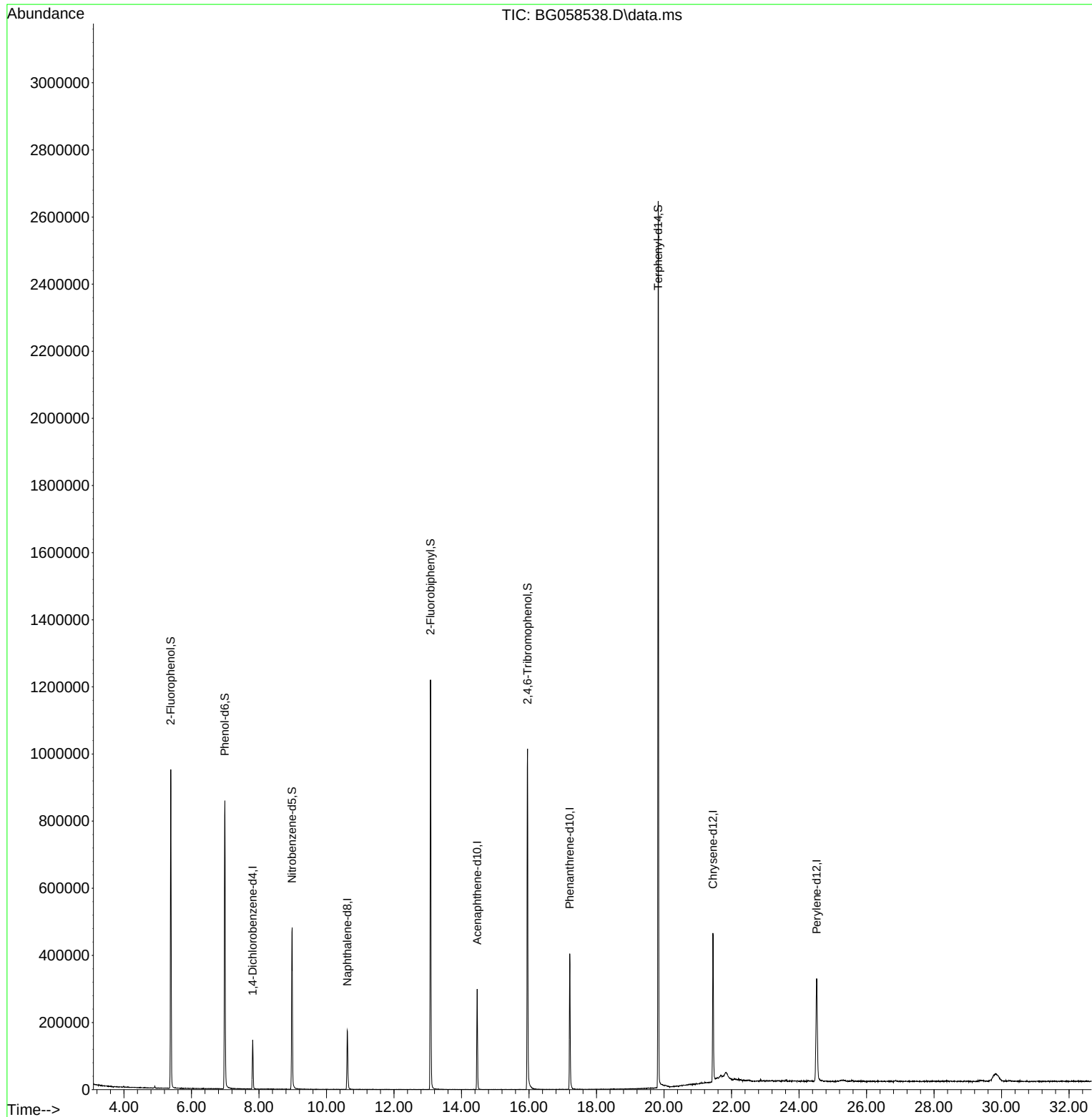
Target Compounds	Qvalue

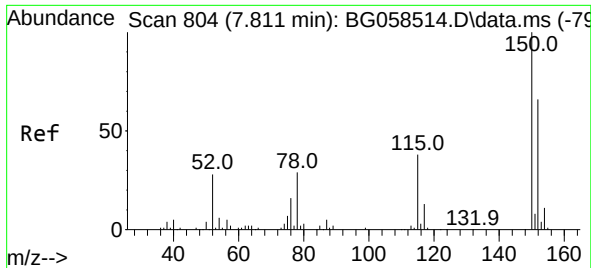
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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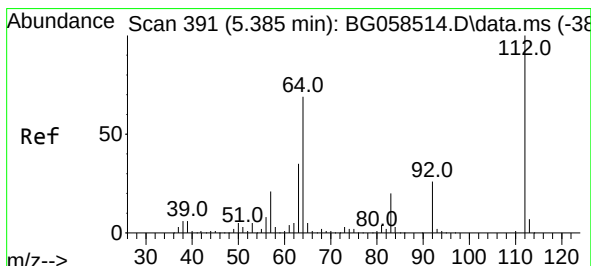
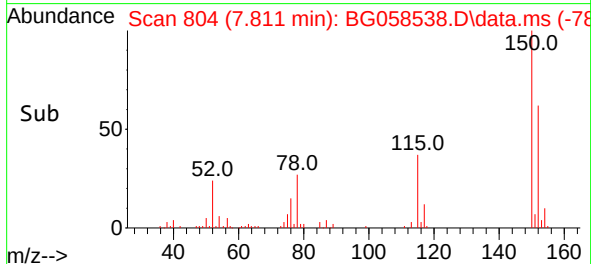
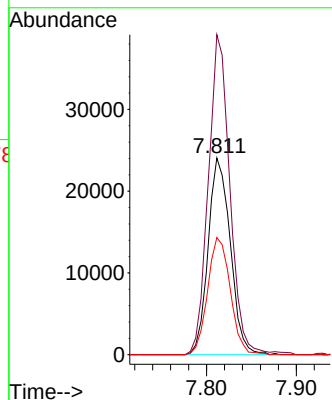
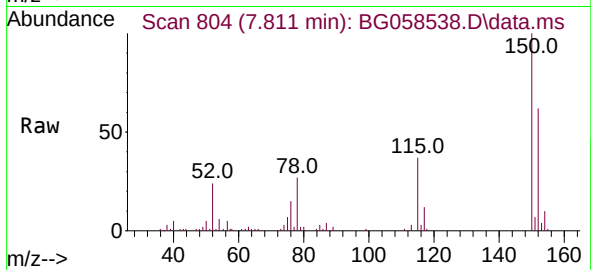




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

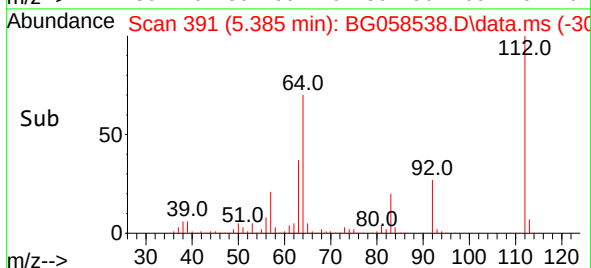
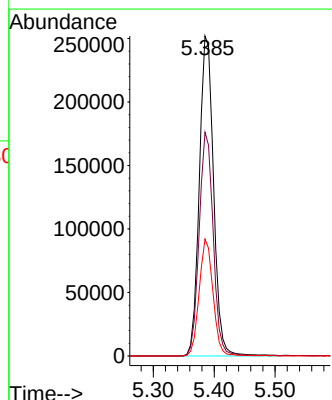
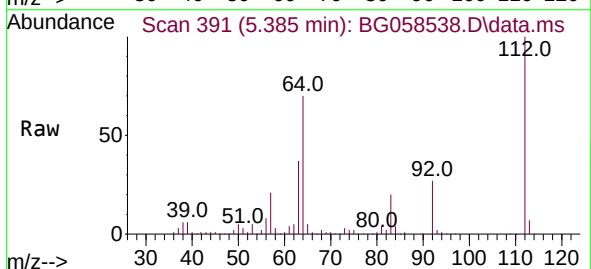
Instrument :
BNA_G
ClientSampleId :
PB154403BL

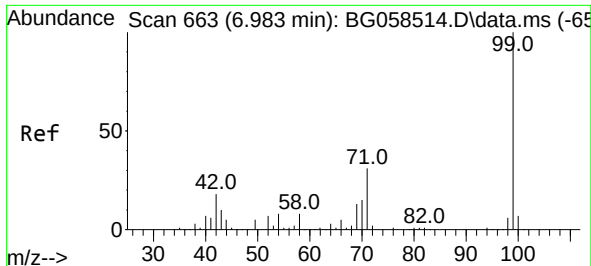
Tgt Ion:152 Resp: 41356
Ion Ratio Lower Upper
152 100
150 162.6 120.5 180.7
115 59.5 45.9 68.9



#5
2-Fluorophenol
Concen: 150.969 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

Tgt Ion:112 Resp: 408483
Ion Ratio Lower Upper
112 100
64 69.9 55.3 82.9
63 36.5 28.3 42.5

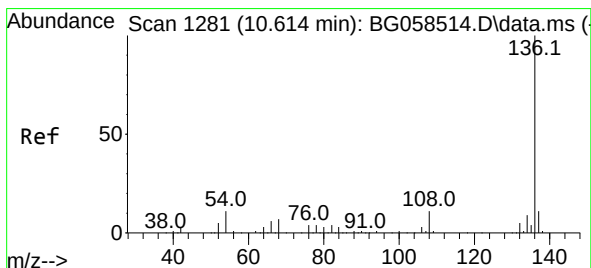
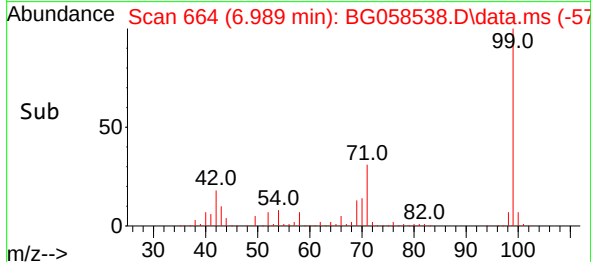
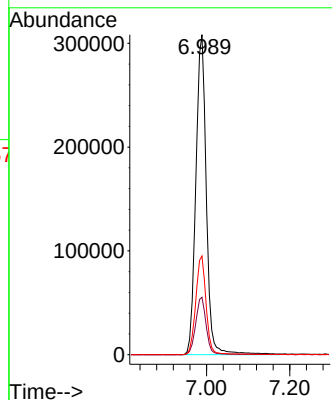
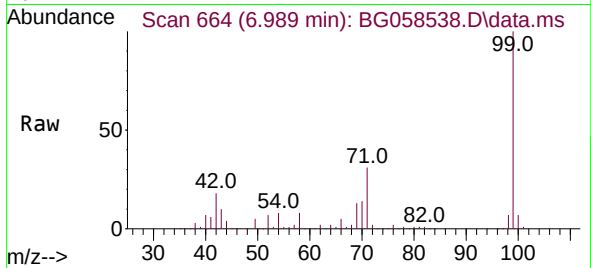




#7
Phenol-d6
Concen: 143.387 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

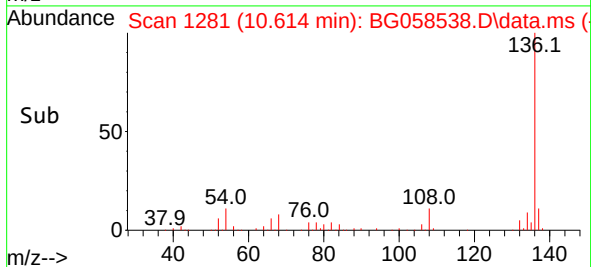
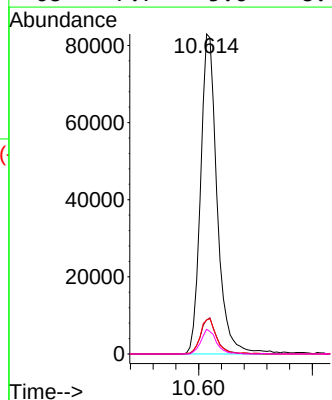
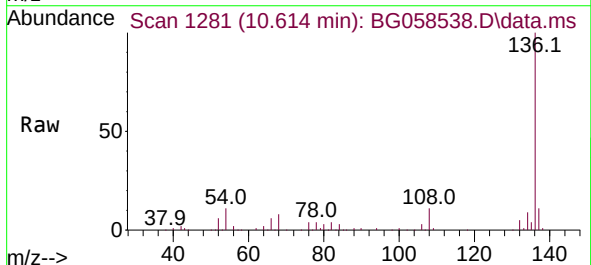
Instrument :
BNA_G
ClientSampleId :
PB154403BL

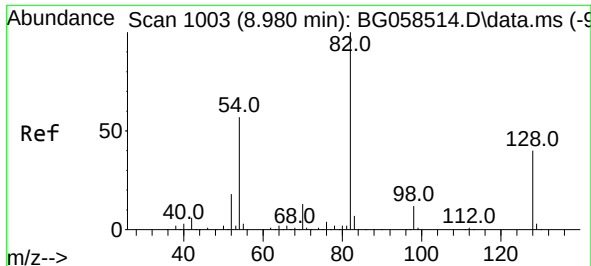
Tgt Ion: 99 Resp: 539850
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 30.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

Tgt Ion: 136 Resp: 167390
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.6 8.9 13.3
68 7.7 5.6 8.4

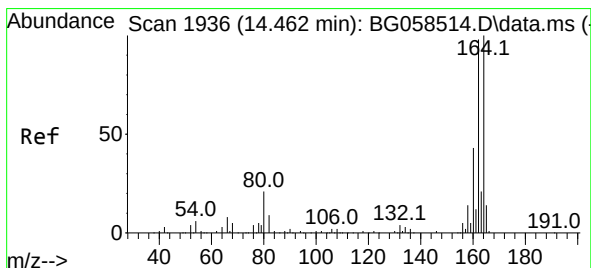
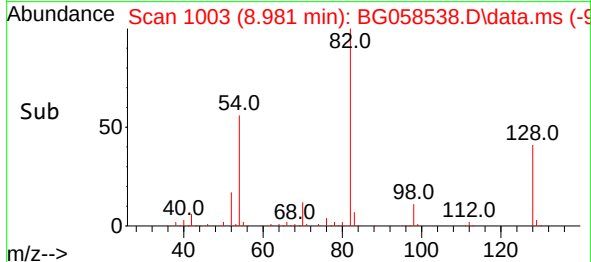
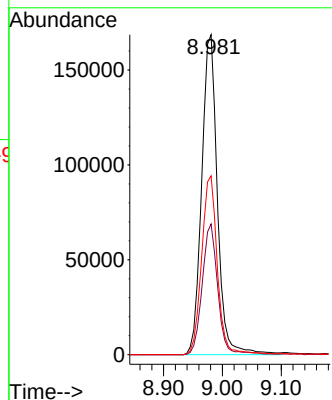
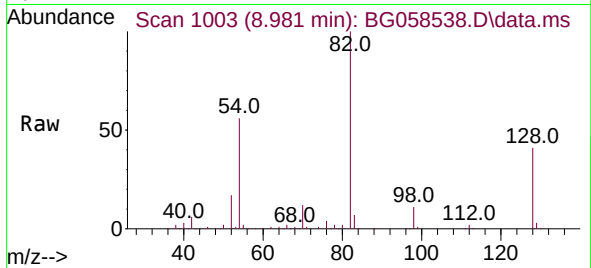




#23
Nitrobenzene-d5
Concen: 91.837 ng
RT: 8.981 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

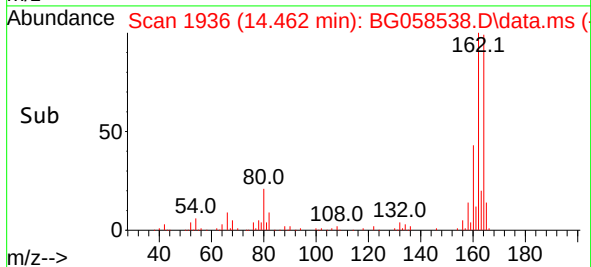
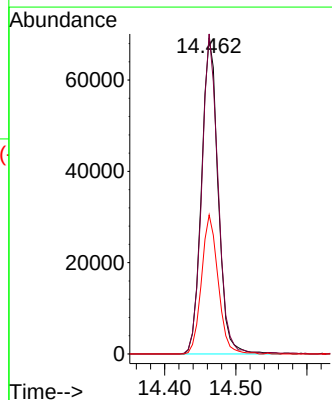
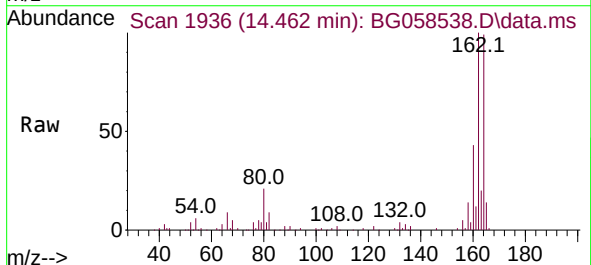
Instrument :
BNA_G
ClientSampleId :
PB154403BL

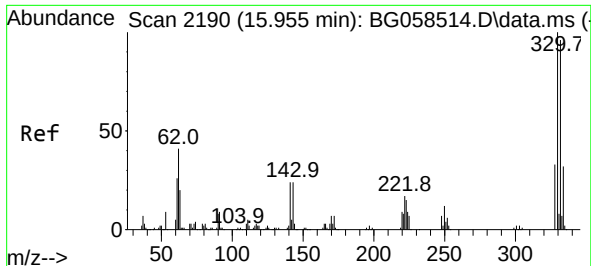
Tgt Ion: 82 Resp: 312925
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 55.9 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

Tgt Ion:164 Resp: 112615
Ion Ratio Lower Upper
164 100
162 101.2 78.3 117.5
160 44.0 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 131.887 ng

RT: 15.955 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058538.D

Acq: 31 Jul 2023 11:09

Instrument :

BNA_G

ClientSampleId :

PB154403BL

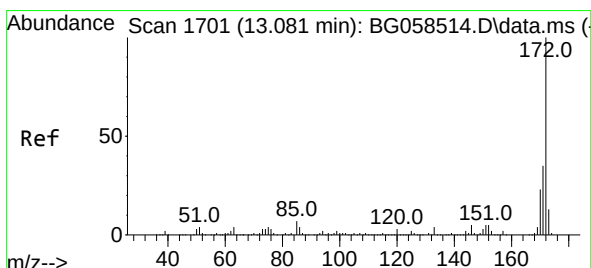
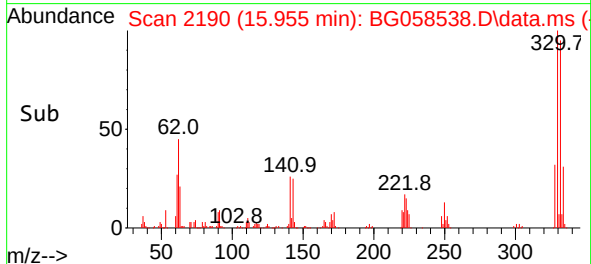
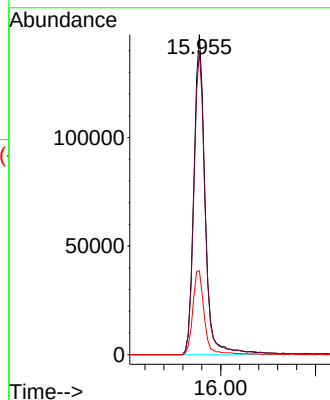
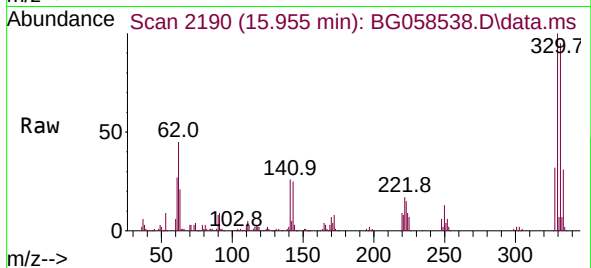
Tgt Ion:330 Resp: 243442

Ion Ratio Lower Upper

330 100

332 95.5 77.5 116.3

141 27.0 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 94.289 ng

RT: 13.082 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058538.D

Acq: 31 Jul 2023 11:09

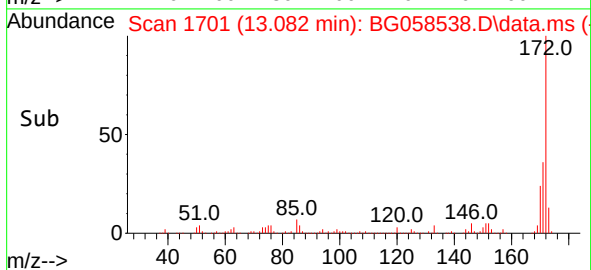
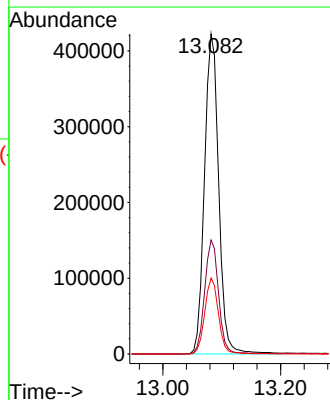
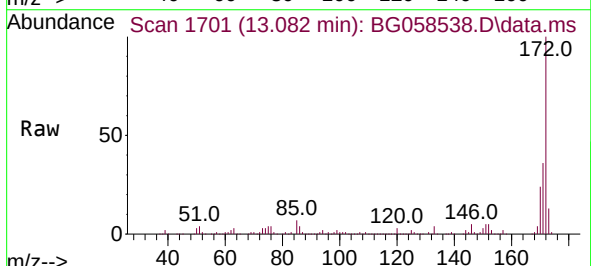
Tgt Ion:172 Resp: 708555

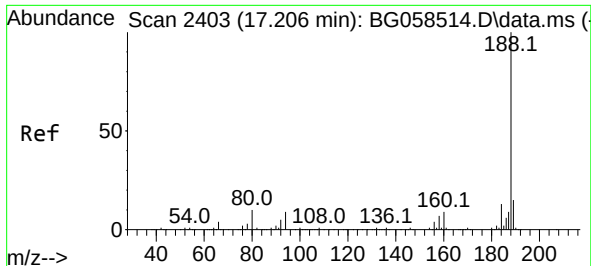
Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

170 23.7 18.4 27.6

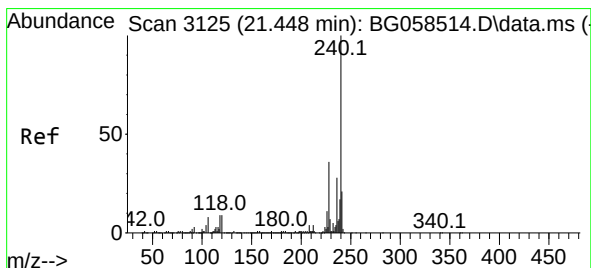
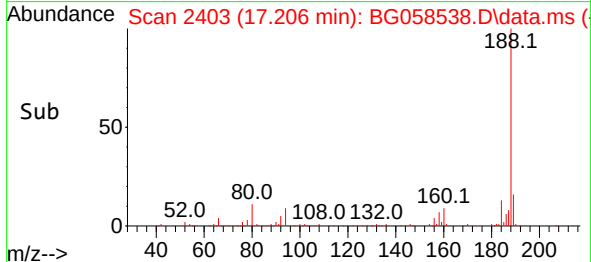
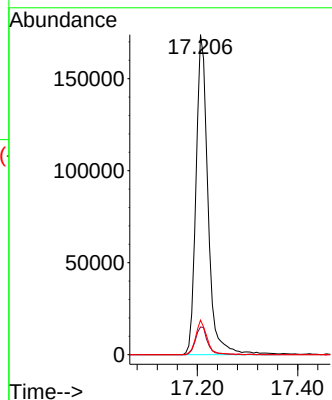
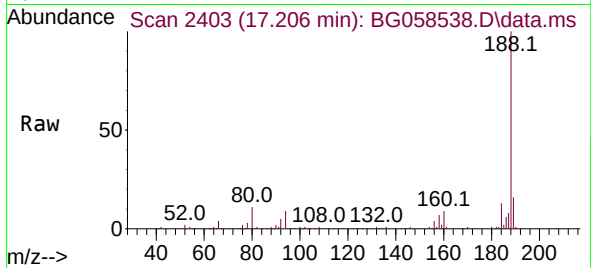




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

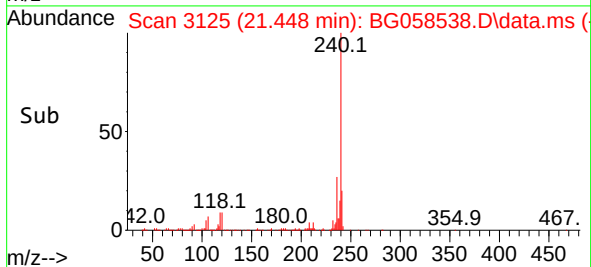
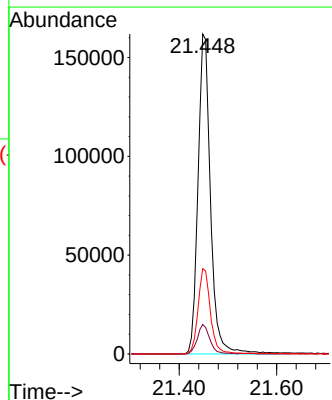
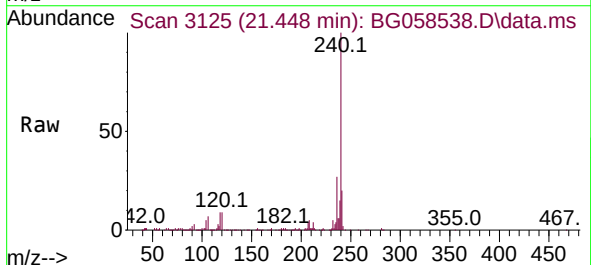
Instrument :
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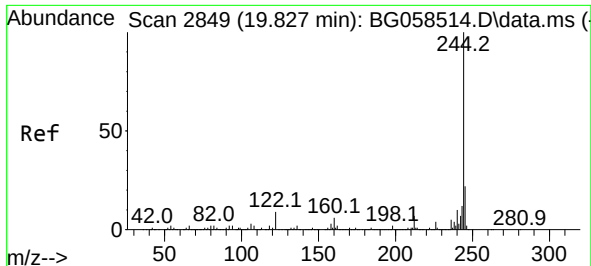
Tgt Ion:188 Resp: 288355
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 10.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058538.D
Acq: 31 Jul 2023 11:09

Tgt Ion:240 Resp: 289168
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.6 22.2 33.4

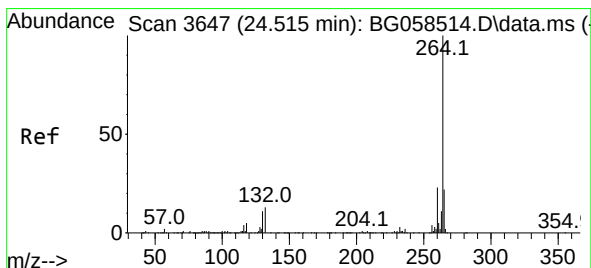
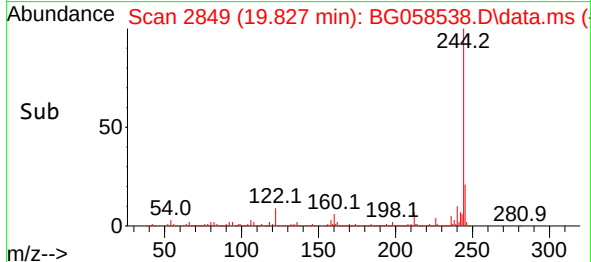
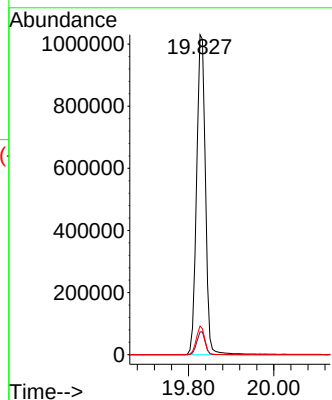
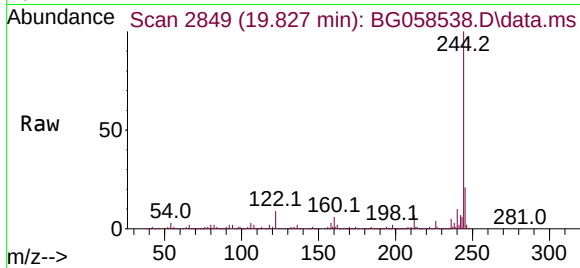




#79
 Terphenyl-d14
 Concen: 96.063 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058538.D
 Acq: 31 Jul 2023 11:09

Instrument :
 BNA_G
 ClientSampleId :
 PB154403BL

Tgt Ion:244 Resp: 1477158
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.9 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058538.D
 Acq: 31 Jul 2023 11:09

Tgt Ion:264 Resp: 349376
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 20.6 17.9 26.9

