

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058573.D
 Acq On : 2 Aug 2023 11:20
 Operator : MA/JU
 Sample : 03686-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-2-4-20230721

Quant Time: Aug 02 12:48:07 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	7.812	152	49925	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	219648	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	154892	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	340258	20.000	ng	0.00
76) Chrysene-d12	21.449	240	289835	20.000	ng	0.00
86) Perylene-d12	24.522	264	357394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	342713	104.922	ng	0.00
7) Phenol-d6	6.989	99	484594	106.619	ng	0.00
23) Nitrobenzene-d5	8.975	82	293618	65.669	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	226250	89.117	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	693475	67.094	ng	0.00
79) Terphenyl-d14	19.827	244	1114398	72.305	ng	0.00

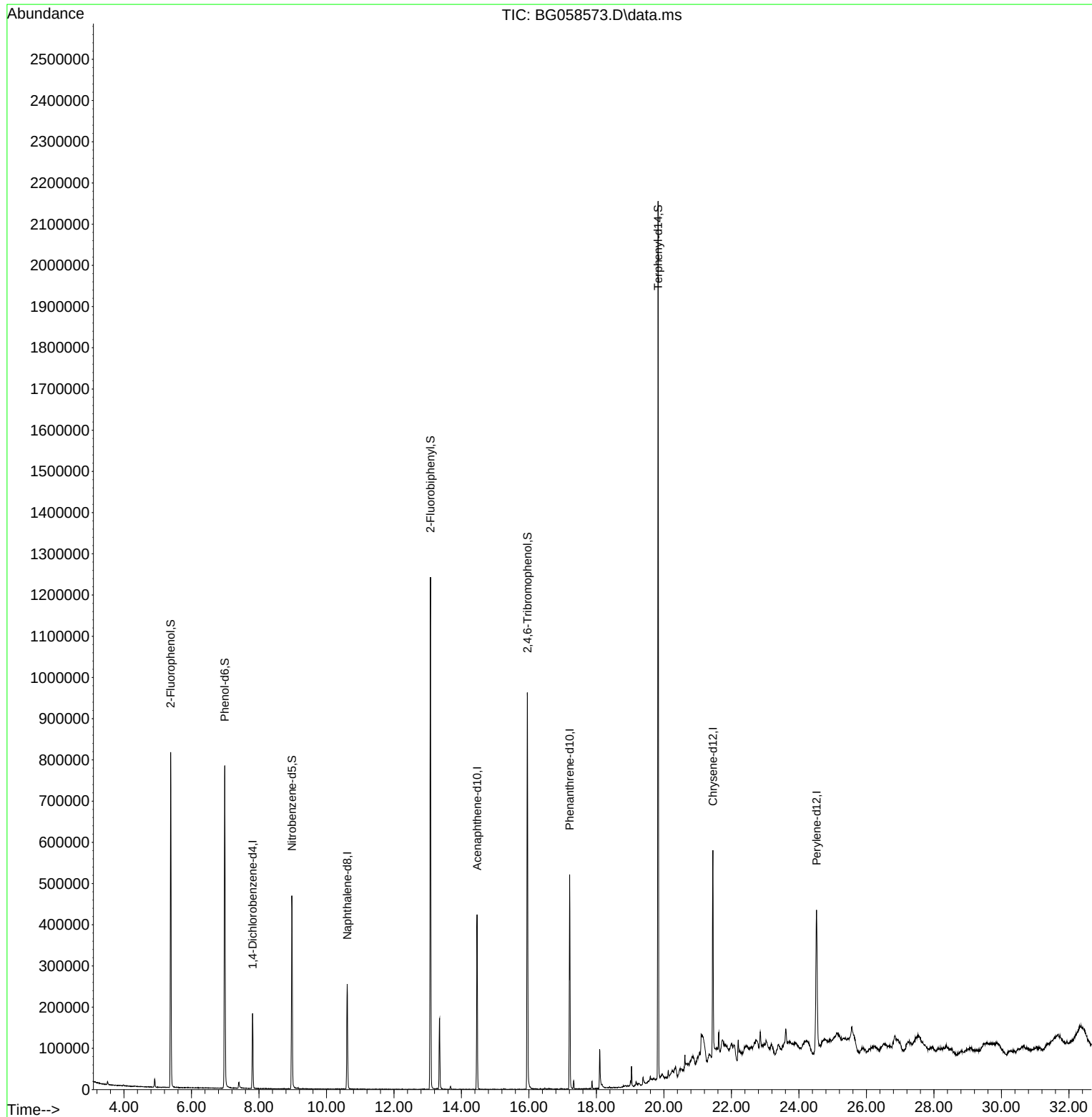
Target Compounds	Qvalue

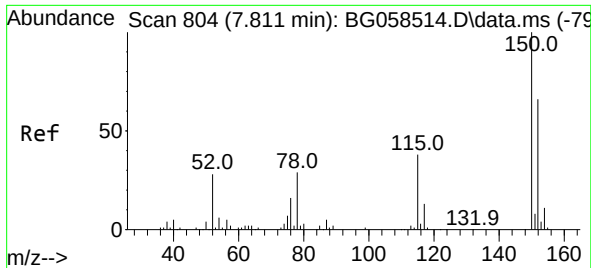
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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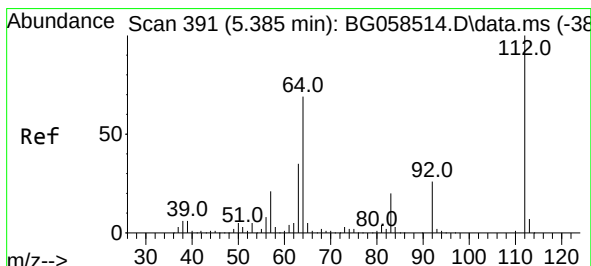
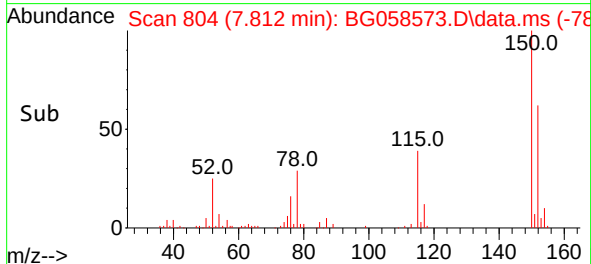
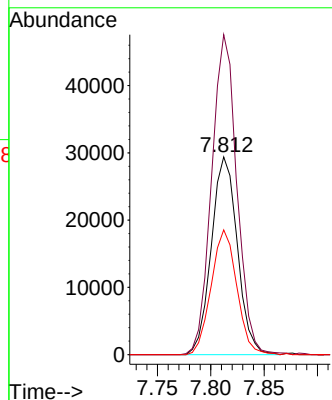
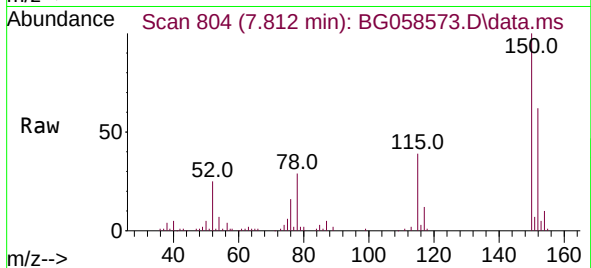




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

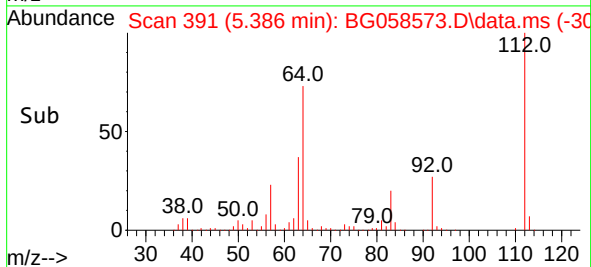
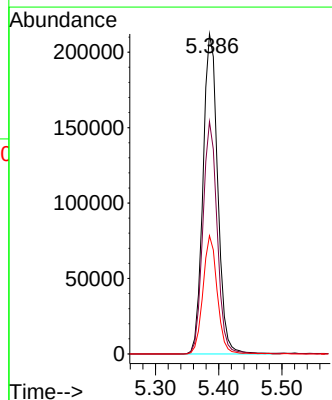
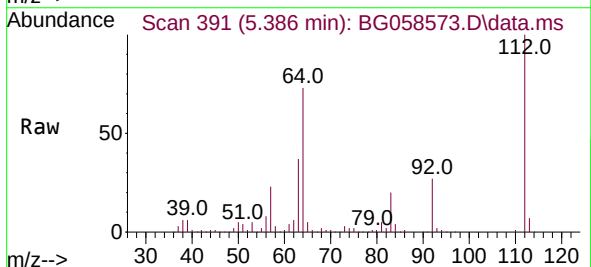
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

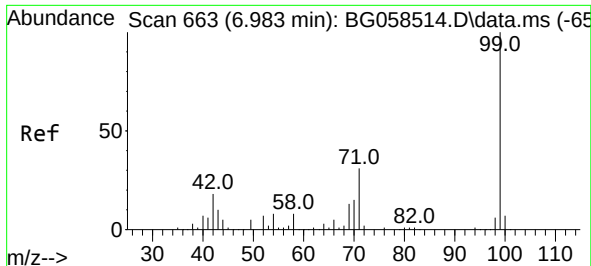
Tgt Ion:152 Resp: 49925
Ion Ratio Lower Upper
152 100
150 161.9 120.5 180.7
115 63.1 45.9 68.9



#5
2-Fluorophenol
Concen: 104.922 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion:112 Resp: 342713
Ion Ratio Lower Upper
112 100
64 72.6 55.3 82.9
63 36.9 28.3 42.5

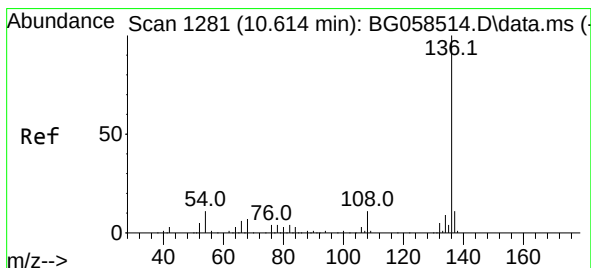
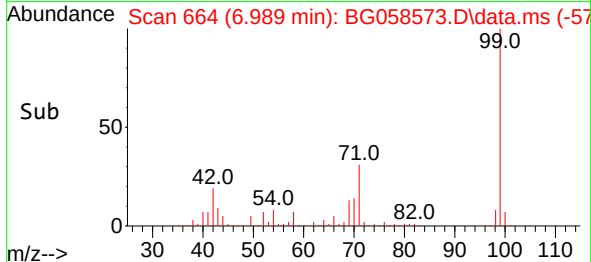
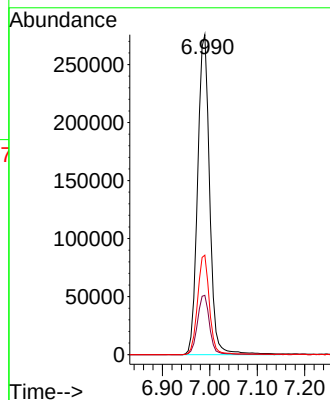
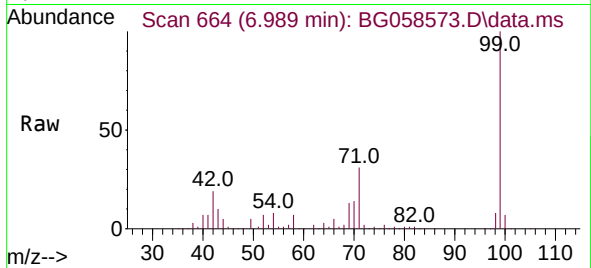




#7
Phenol-d6
Concen: 106.619 ng
RT: 6.989 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

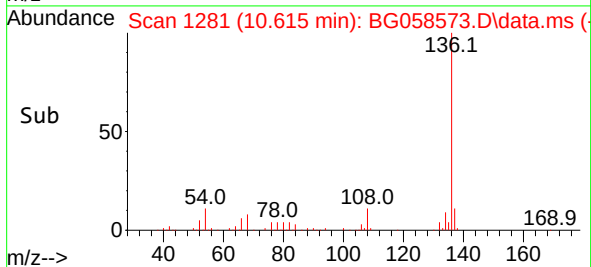
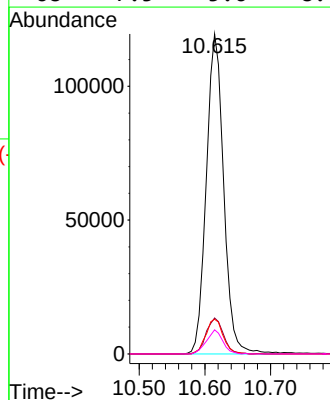
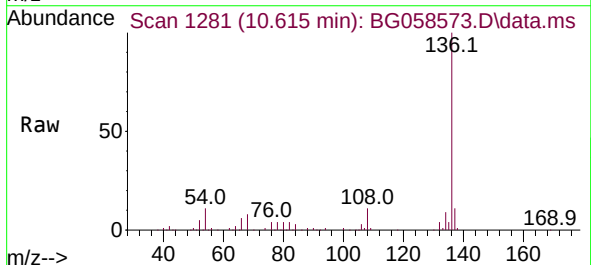
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

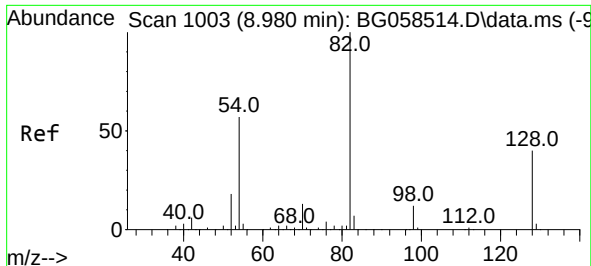
Tgt Ion: 99 Resp: 484594
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 31.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion: 136 Resp: 219648
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.9 8.9 13.3
68 7.5 5.6 8.4

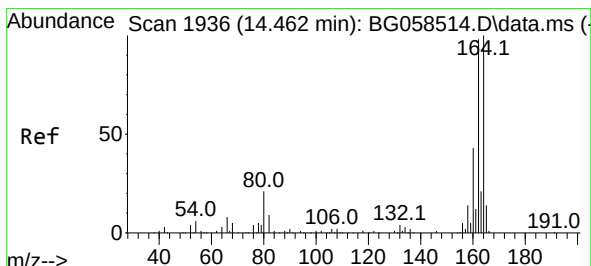
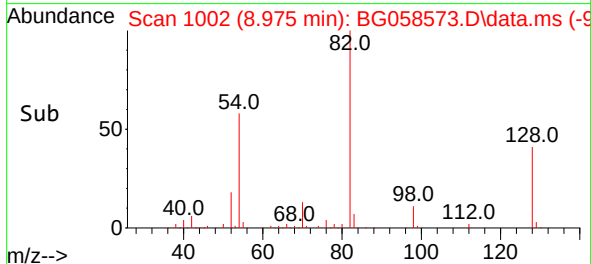
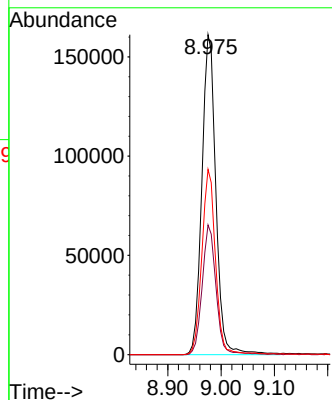
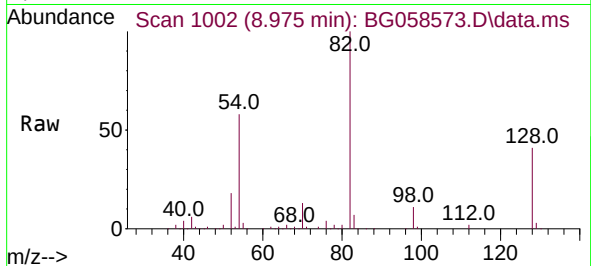




#23
Nitrobenzene-d5
Concen: 65.669 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

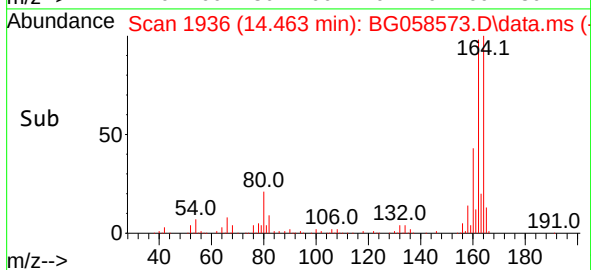
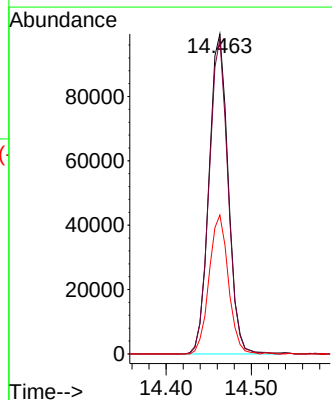
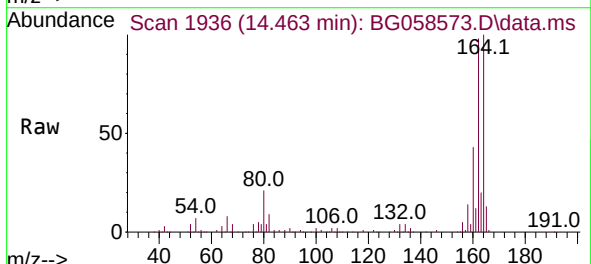
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721

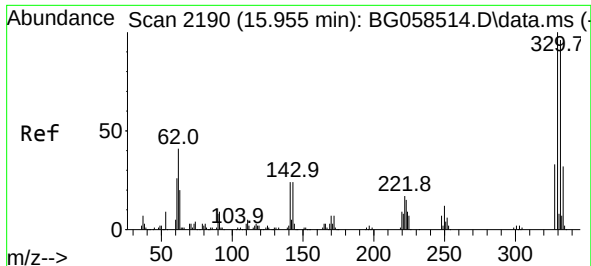
Tgt Ion: 82 Resp: 293618
Ion Ratio Lower Upper
82 100
128 40.5 32.2 48.2
54 57.9 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

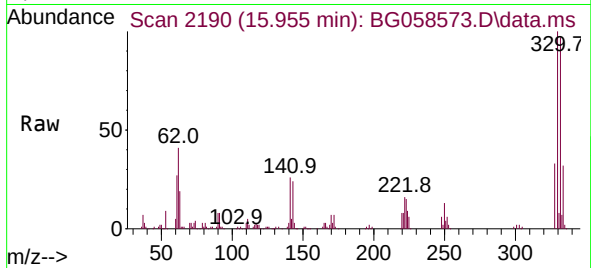
Tgt Ion:164 Resp: 154892
Ion Ratio Lower Upper
164 100
162 98.5 78.3 117.5
160 43.4 34.1 51.1



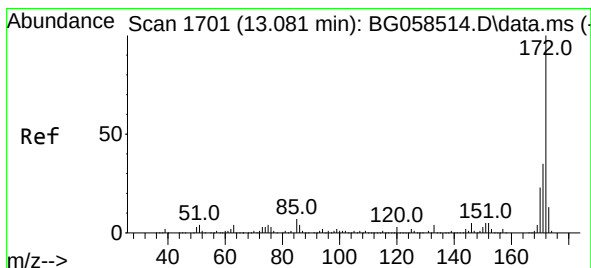
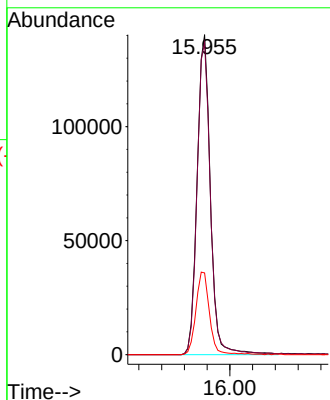
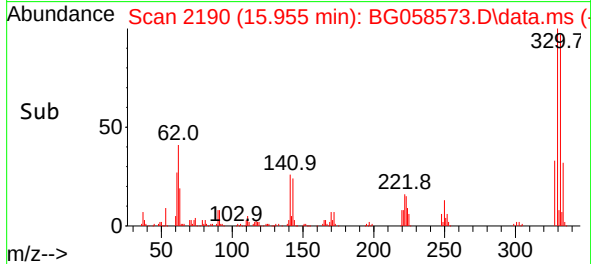


#42
2,4,6-Tribromophenol
Concen: 89.117 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

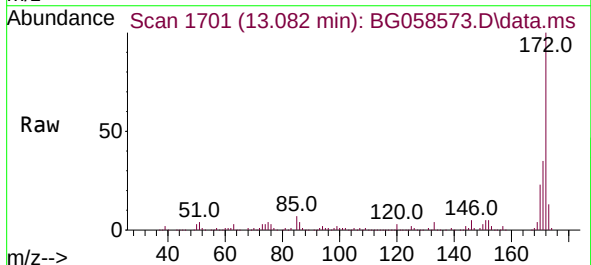
Instrument :
BNA_G
ClientSampleId :
SB-28-2-4-20230721



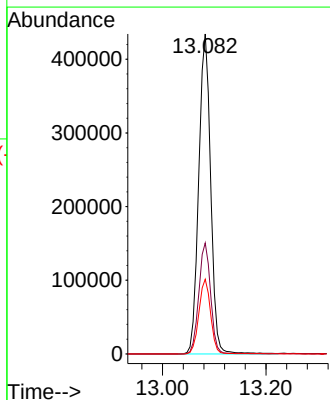
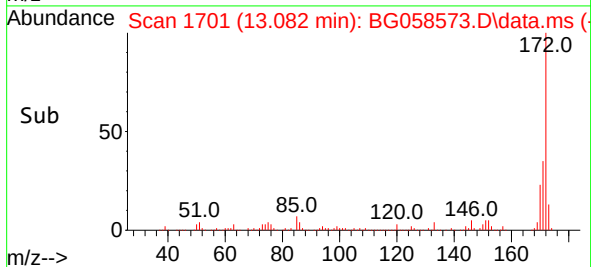
Tgt Ion:330 Resp: 226250
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 26.4 20.7 31.1

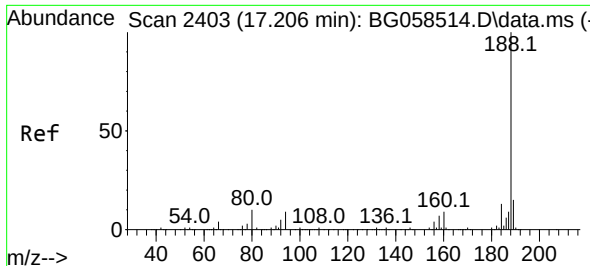


#45
2-Fluorobiphenyl
Concen: 67.094 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20



Tgt Ion:172 Resp: 693475
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.4 27.6

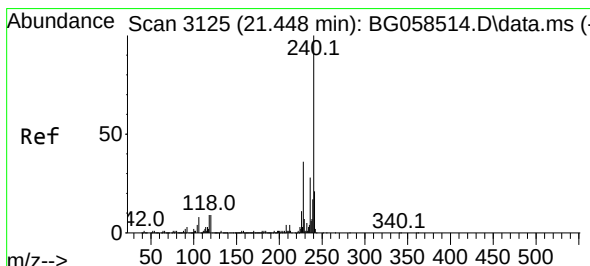
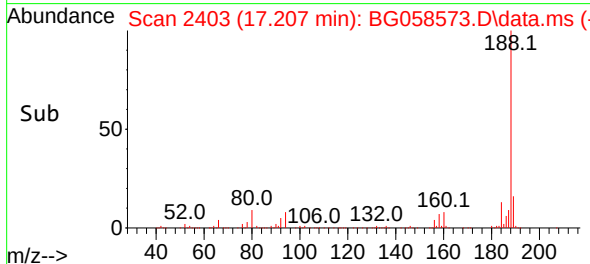
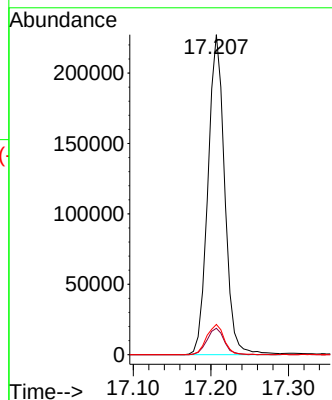
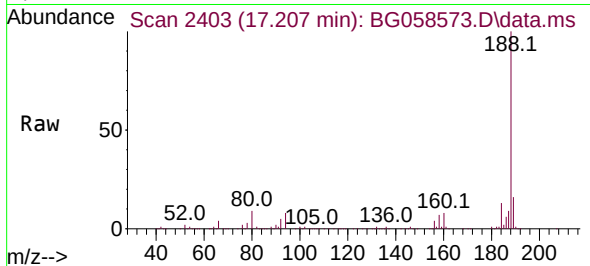




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

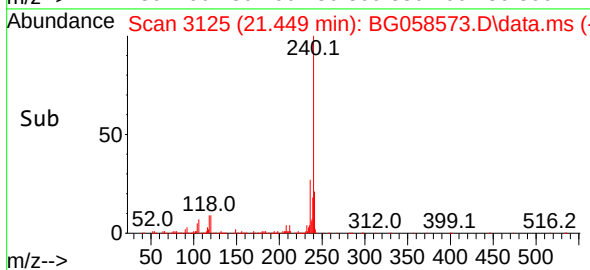
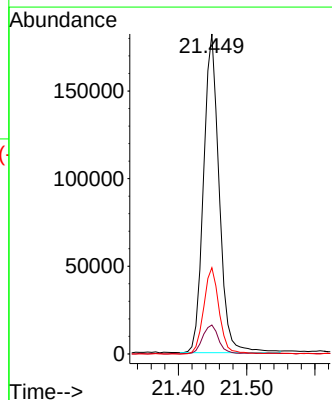
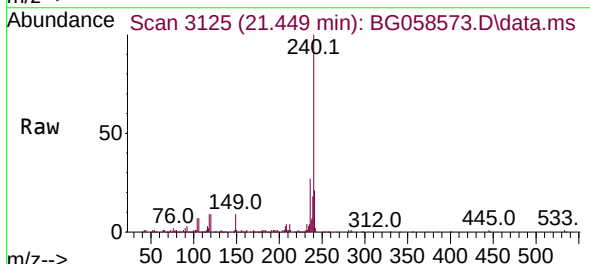
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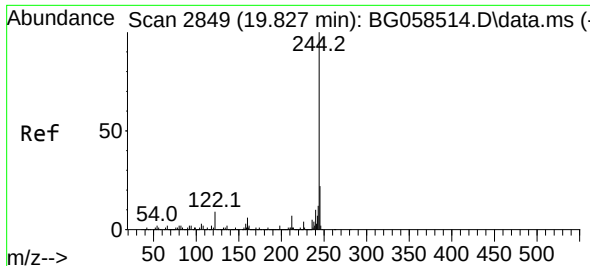
Tgt Ion:188 Resp: 340258
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058573.D
Acq: 2 Aug 2023 11:20

Tgt Ion:240 Resp: 289835
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.9 22.2 33.4



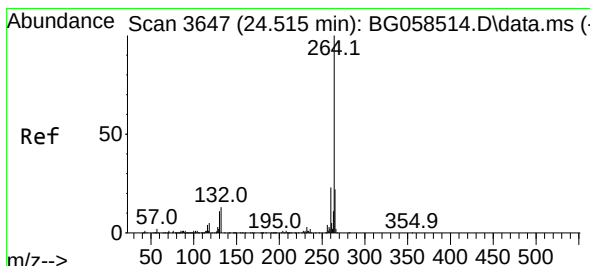
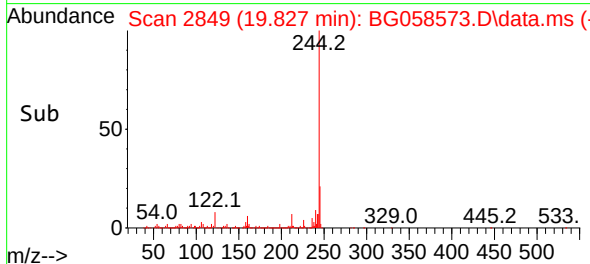
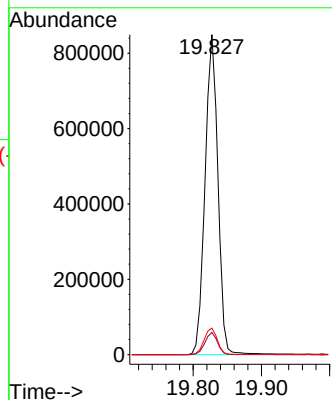
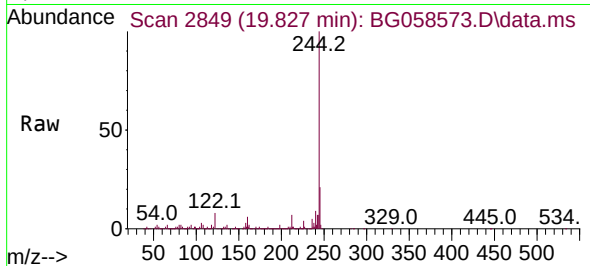


#79
 Terphenyl-d14
 Concen: 72.305 ng
 RT: 19.827 min Scan# 2849
 Delta R.T. 0.001 min
 Lab File: BG058573.D
 Acq: 2 Aug 2023 11:20

Instrument :
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Tgt Ion:244 Resp: 1114398

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	8.3	6.8	10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.007 min
 Lab File: BG058573.D
 Acq: 2 Aug 2023 11:20

Tgt Ion:264 Resp: 357394

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.7	17.9	26.9

