

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058619.D
 Acq On : 7 Aug 2023 9:27
 Operator : MA/JU
 Sample : PB154526BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154526BL

Quant Time: Aug 07 10:33:20 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	34416	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	145696	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	104470	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	282913	20.000	ng	0.00
76) Chrysene-d12	21.449	240	303659	20.000	ng	0.00
86) Perylene-d12	24.522	264	374756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	351002	155.884	ng	0.00
7) Phenol-d6	6.984	99	471775	150.574	ng	0.00
23) Nitrobenzene-d5	8.975	82	275356	92.844	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	236787	138.283	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	651683	93.482	ng	0.00
79) Terphenyl-d14	19.827	244	1546807	95.792	ng	0.00

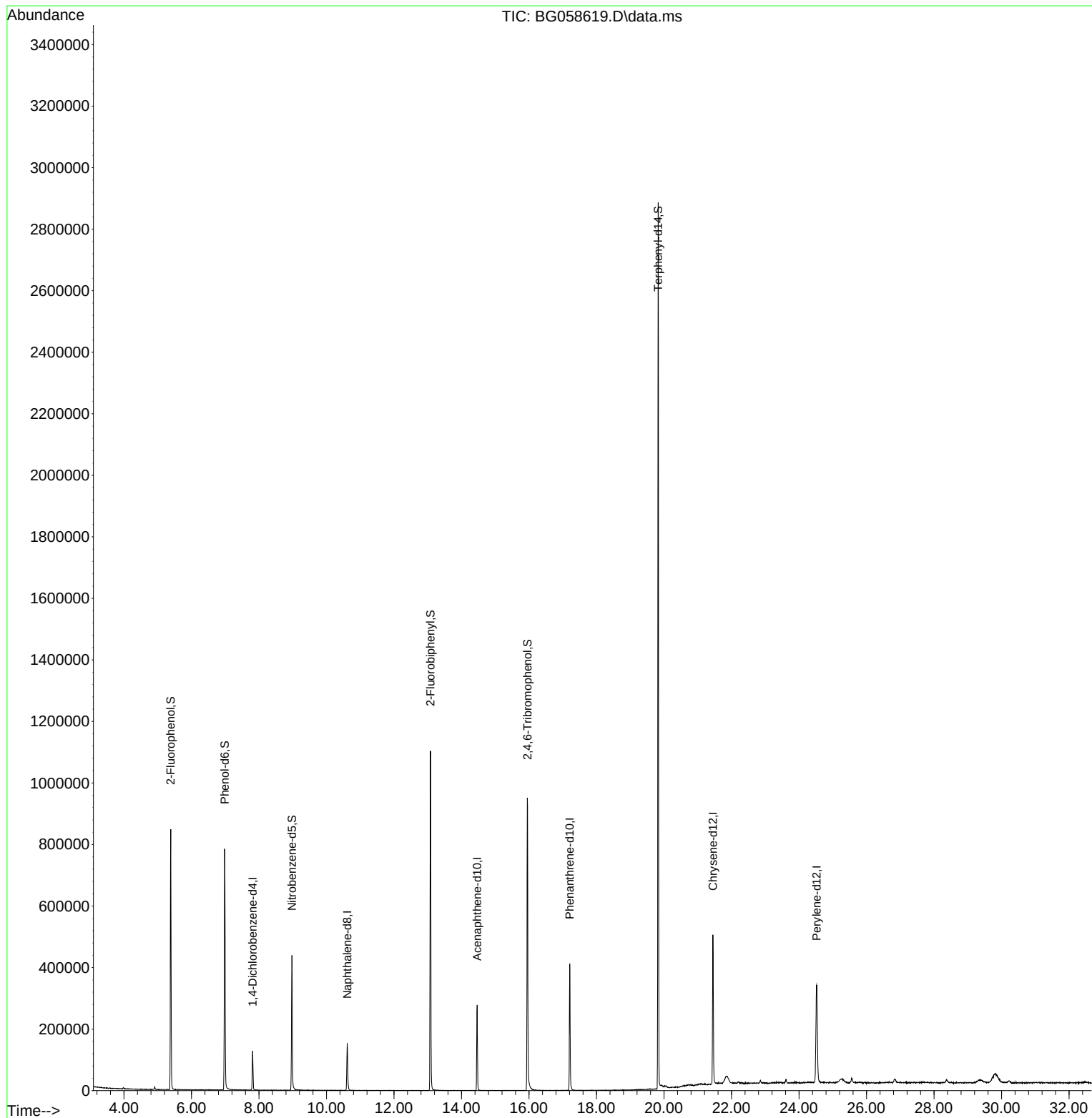
Target Compounds	Qvalue

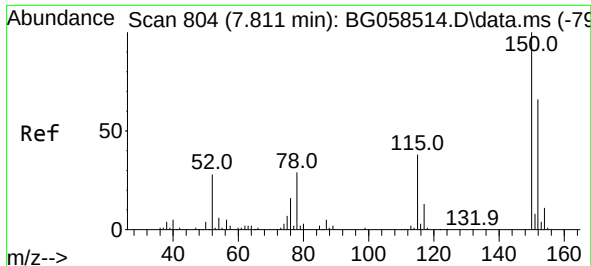
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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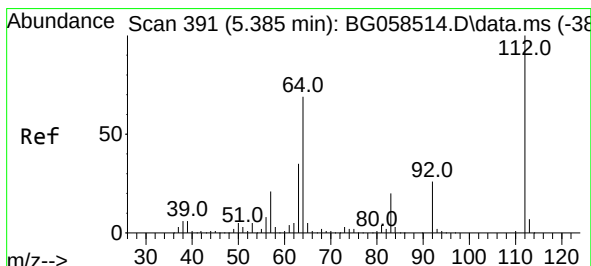
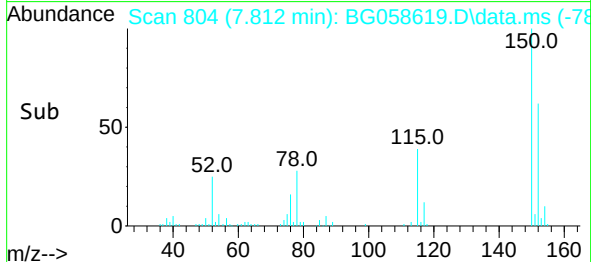
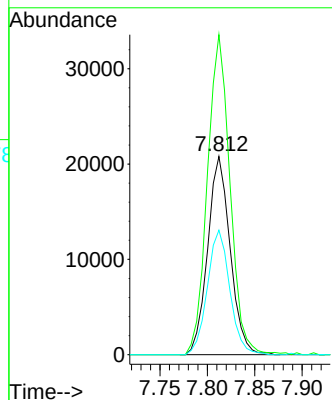
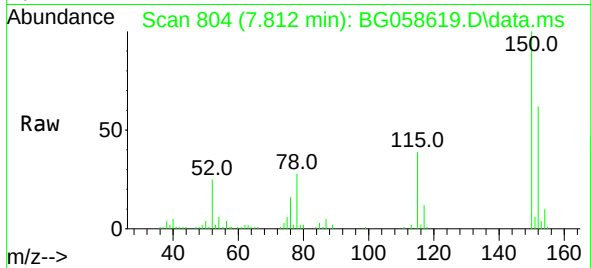




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

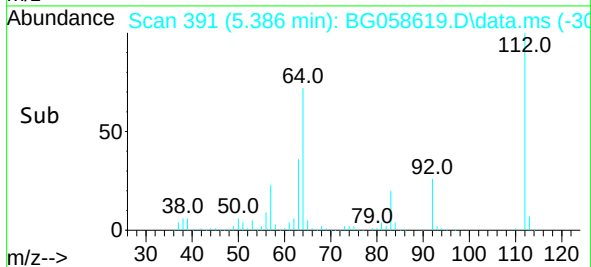
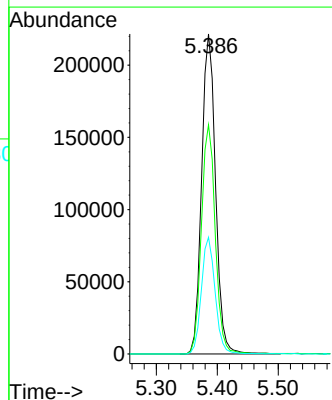
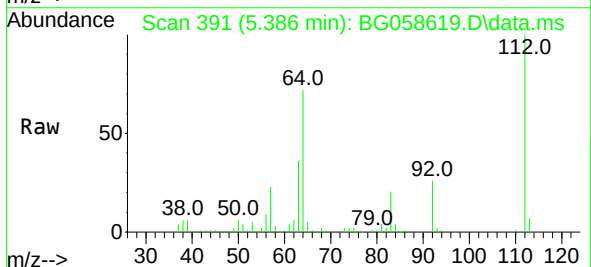
Instrument :
BNA_G
ClientSampleId :
PB154526BL

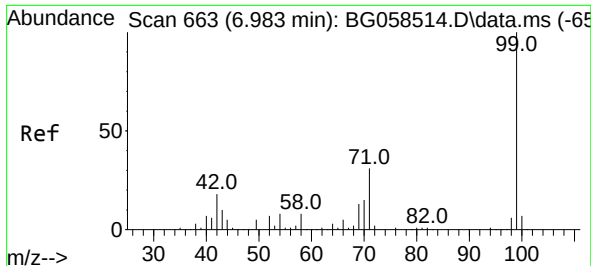
Tgt Ion:152 Resp: 34416
Ion Ratio Lower Upper
152 100
150 161.4 120.5 180.7
115 62.8 45.9 68.9



#5
2-Fluorophenol
Concen: 155.884 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Tgt Ion:112 Resp: 351002
Ion Ratio Lower Upper
112 100
64 71.6 55.3 82.9
63 36.4 28.3 42.5

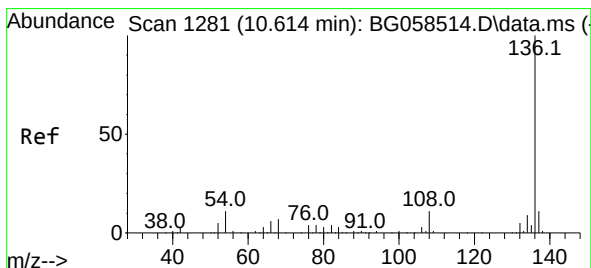
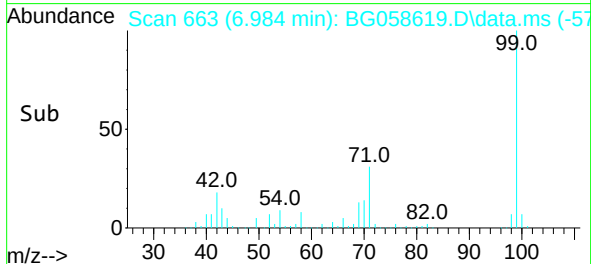
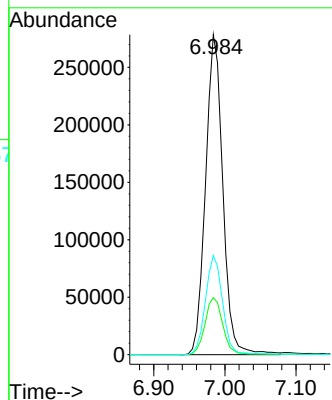
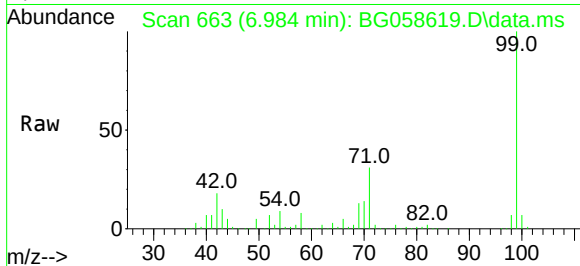




#7
Phenol-d6
Concen: 150.574 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

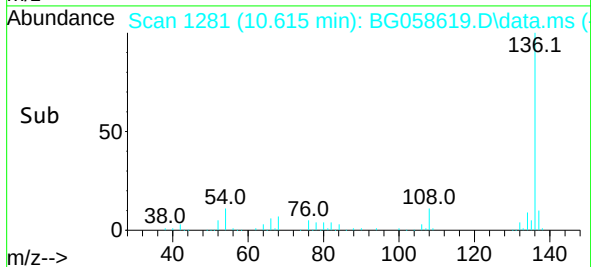
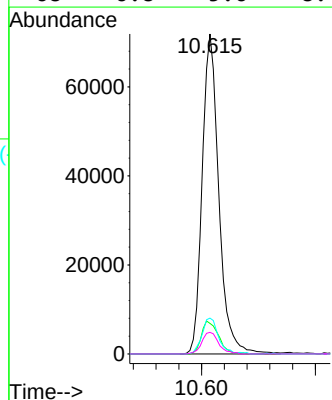
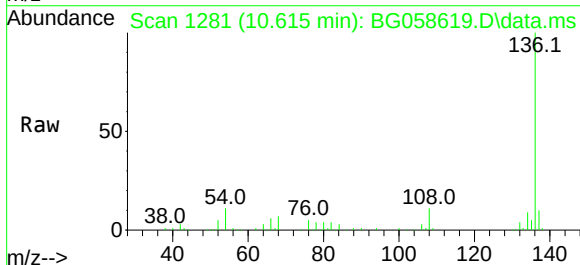
Instrument :
BNA_G
ClientSampleId :
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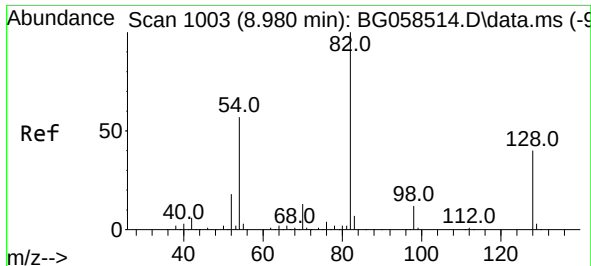
Tgt Ion: 99 Resp: 471775
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 30.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Tgt Ion: 136 Resp: 145696
Ion Ratio Lower Upper
136 100
137 9.5 8.6 13.0
54 11.2 8.9 13.3
68 6.8 5.6 8.4

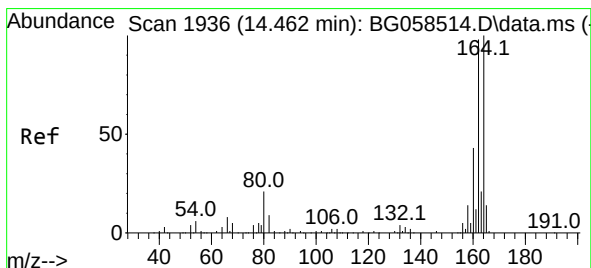
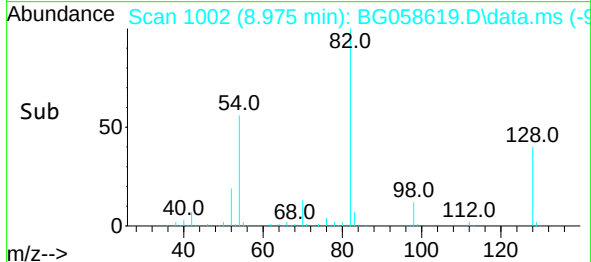
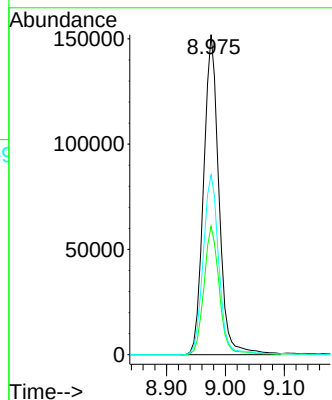
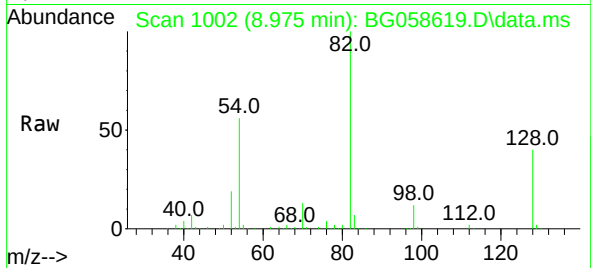




#23
Nitrobenzene-d5
Concen: 92.844 ng
RT: 8.975 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

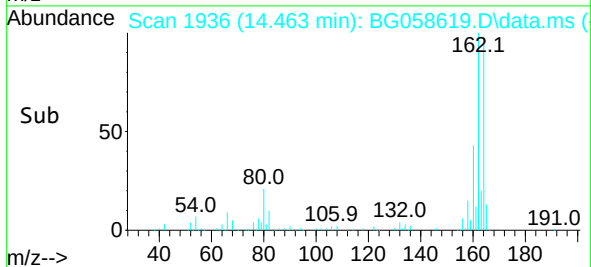
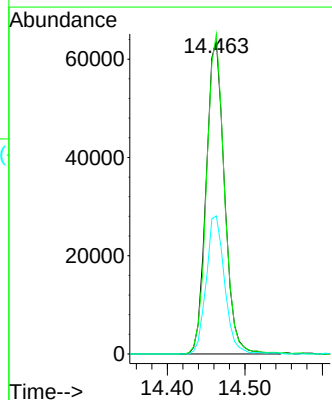
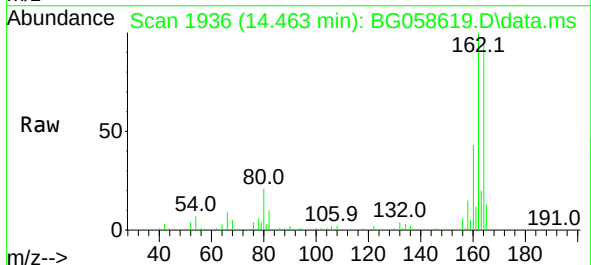
Instrument :
BNA_G
ClientSampleId :
PB154526BL

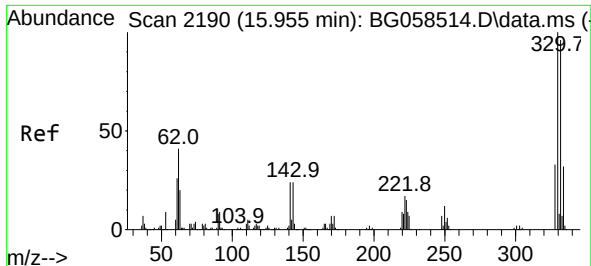
Tgt Ion: 82 Resp: 275356
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.2
54 56.2 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Tgt Ion:164 Resp: 104470
Ion Ratio Lower Upper
164 100
162 102.3 78.3 117.5
160 44.1 34.1 51.1

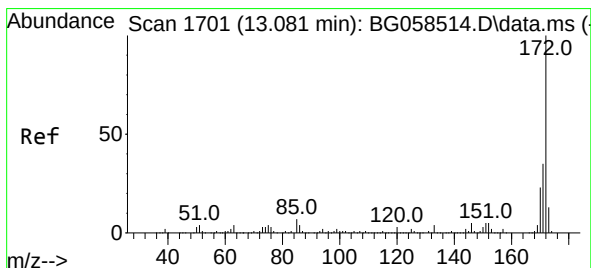
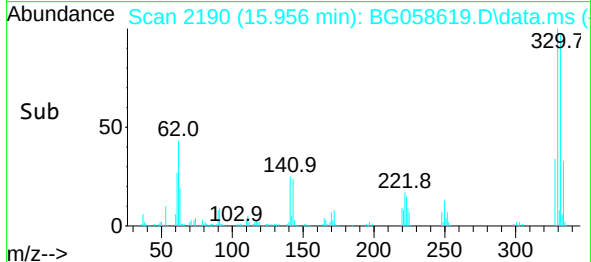
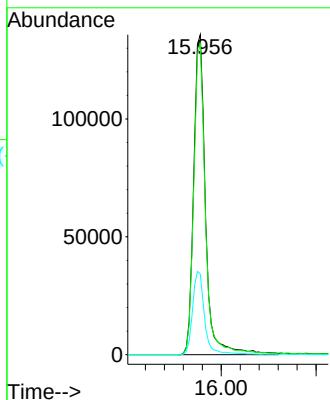
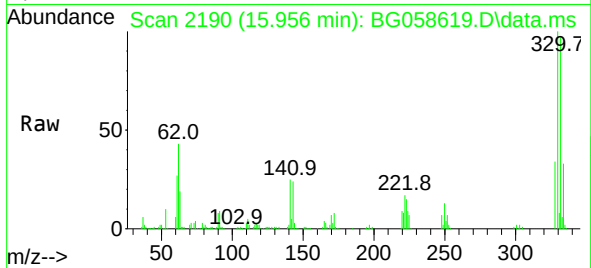




#42
 2,4,6-Tribromophenol
 Concen: 138.283 ng
 RT: 15.956 min Scan# 2190
 Delta R.T. 0.001 min
 Lab File: BG058619.D
 Acq: 7 Aug 2023 9:27

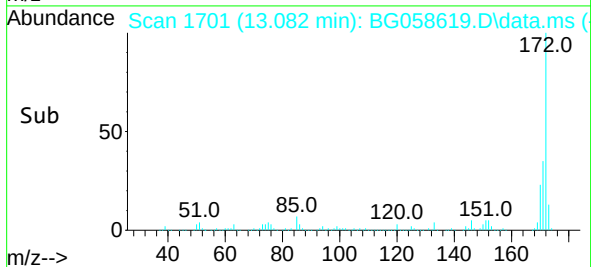
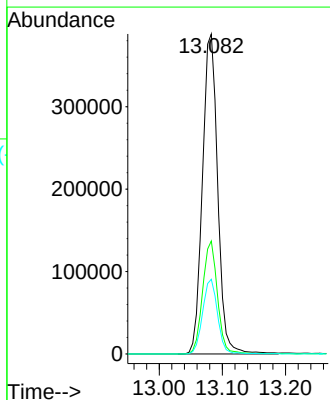
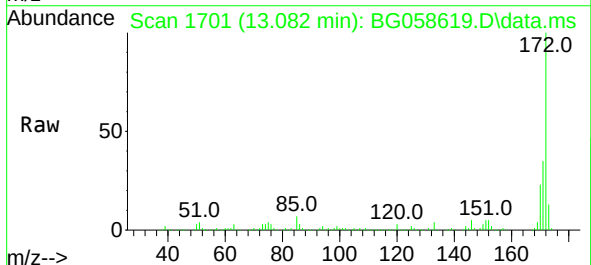
Instrument :
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 ClientSampleId :
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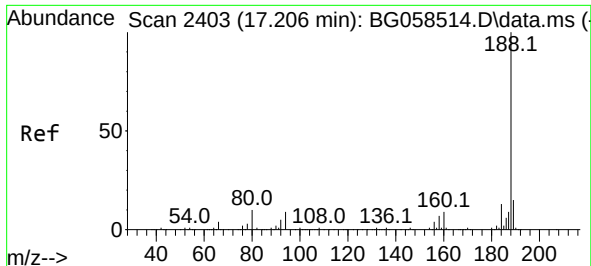
Tgt Ion:330 Resp: 236787
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.5 116.3
 141 26.4 20.7 31.1



#45
 2-Fluorobiphenyl
 Concen: 93.482 ng
 RT: 13.082 min Scan# 1701
 Delta R.T. 0.001 min
 Lab File: BG058619.D
 Acq: 7 Aug 2023 9:27

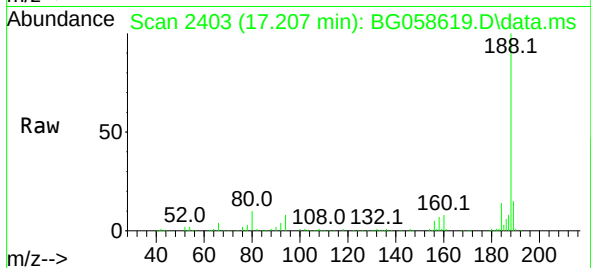
Tgt Ion:172 Resp: 651683
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.0 42.0
 170 23.3 18.4 27.6



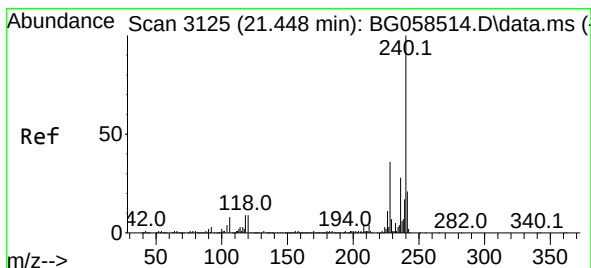
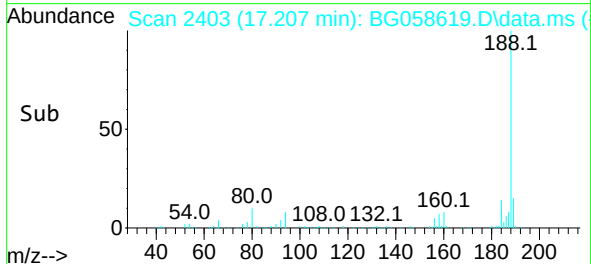
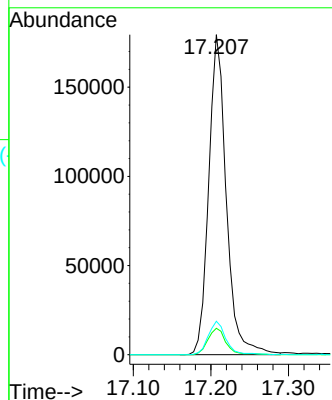


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Instrument :
BNA_G
ClientSampleId :
PB154526BL

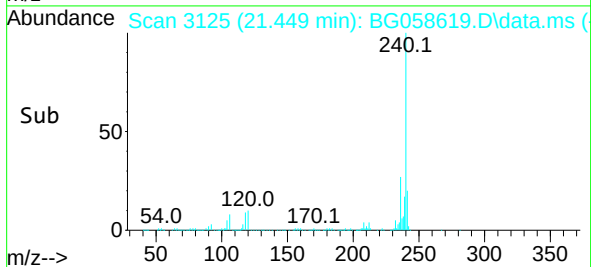
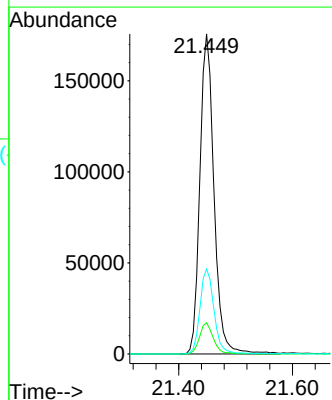
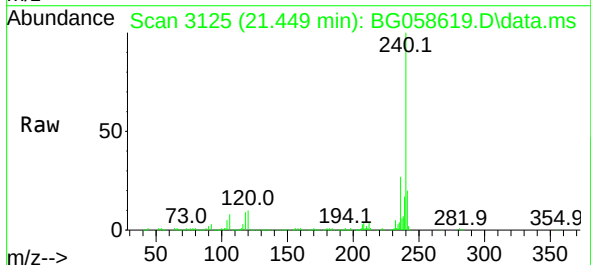


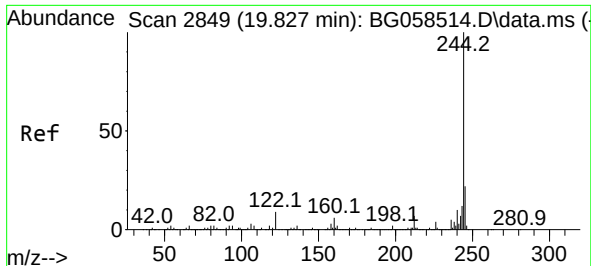
Tgt Ion:188 Resp: 282913
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 10.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG058619.D
Acq: 7 Aug 2023 9:27

Tgt Ion:240 Resp: 303659
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.6 22.2 33.4

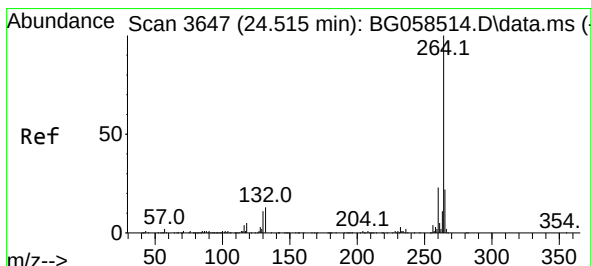
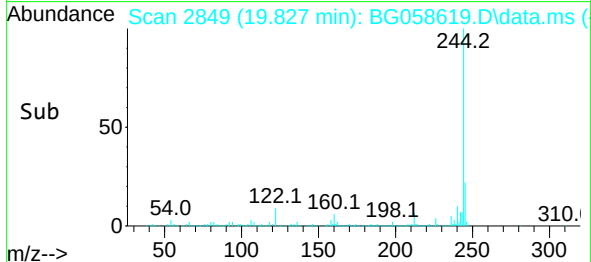
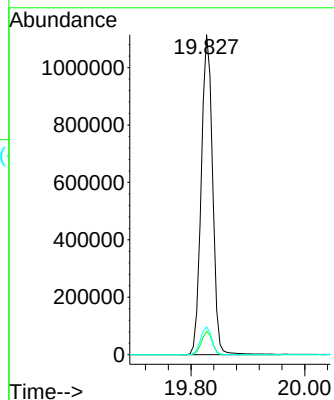
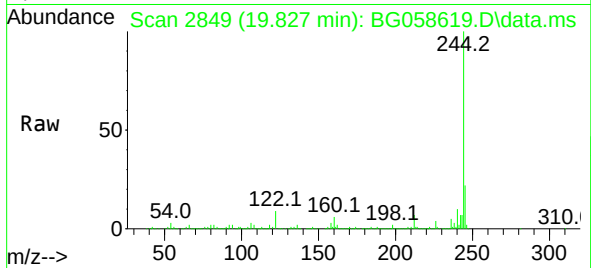




#79
 Terphenyl-d14
 Concen: 95.792 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058619.D
 Acq: 7 Aug 2023 9:27

Instrument :
 BNA_G
 ClientSampleId :
 PB154526BL

Tgt Ion:244 Resp: 1546807
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.7 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: BG058619.D
 Acq: 7 Aug 2023 9:27

Tgt Ion:264 Resp: 374756
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.9 17.9 26.9

