

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058530.D
 Acq On : 28 Jul 2023 23:10
 Operator : MA/JU
 Sample : 03632-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-(6-8)

Quant Time: Jul 29 01:05:51 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	53953	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	223914	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	153983	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	350572	20.000	ng	0.00
76) Chrysene-d12	21.444	240	314499	20.000	ng	0.00
86) Perylene-d12	24.516	264	386140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	356526	101.002	ng	0.00
7) Phenol-d6	6.984	99	488164	99.386	ng	0.00
23) Nitrobenzene-d5	8.976	82	301612	66.172	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	229322	90.861	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	673668	65.563	ng	0.00
79) Terphenyl-d14	19.822	244	1107379	66.215	ng	0.00

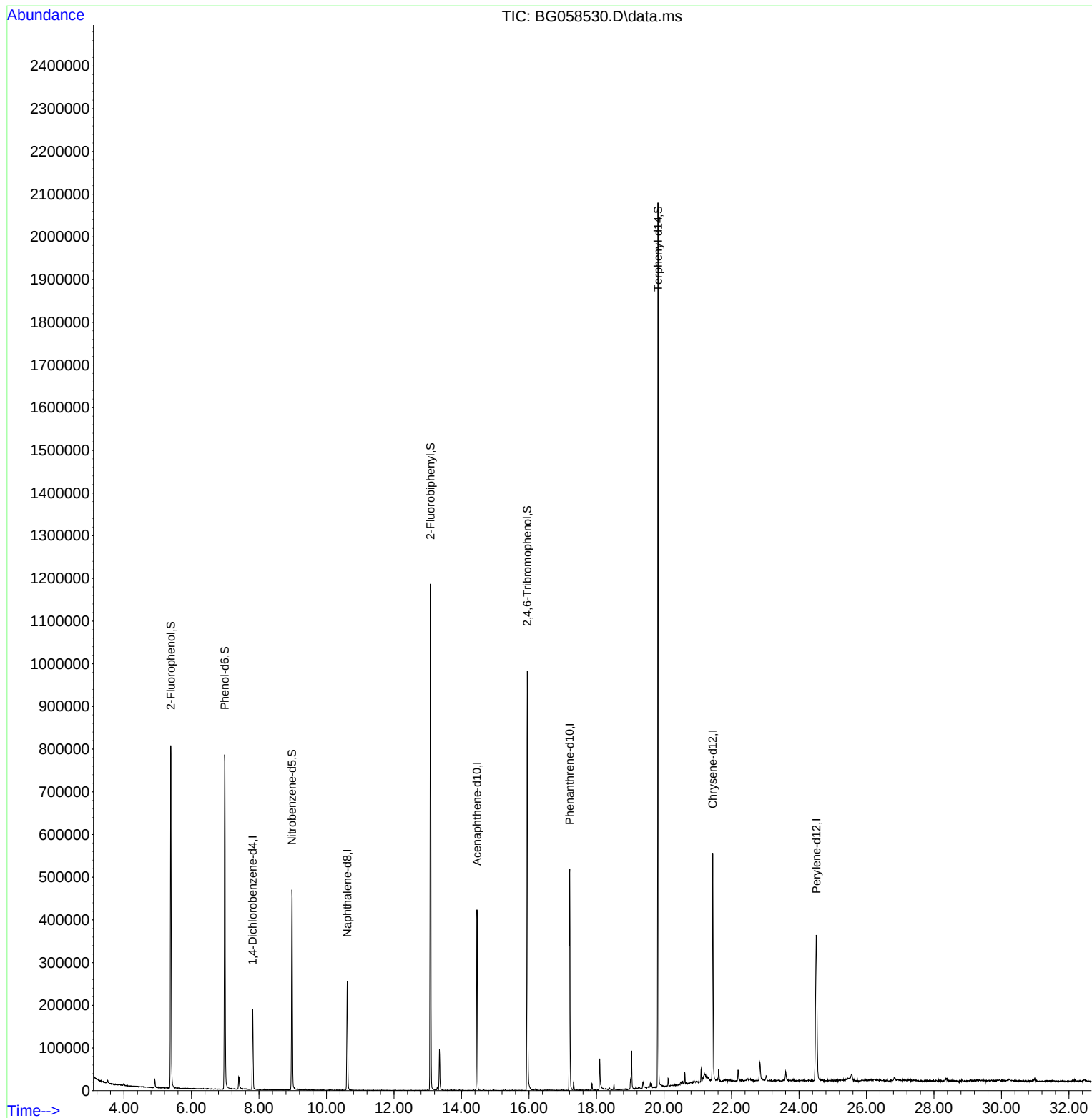
Target Compounds	Qvalue

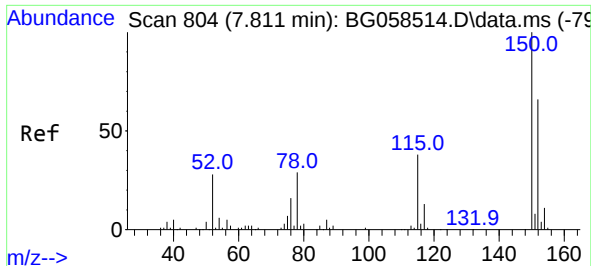
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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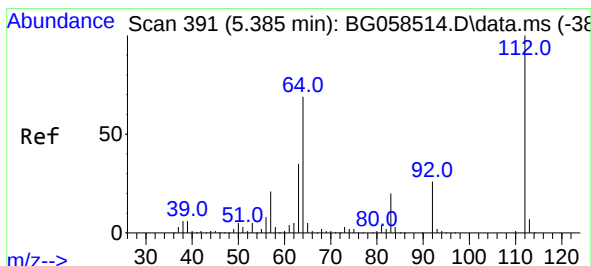
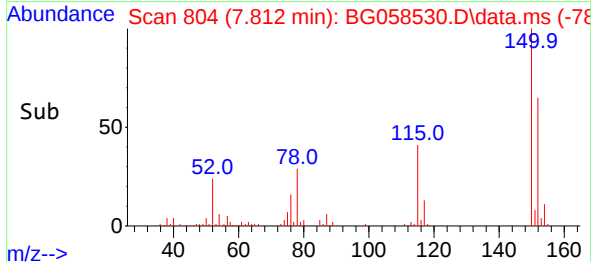
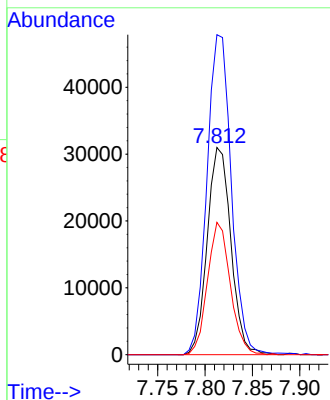
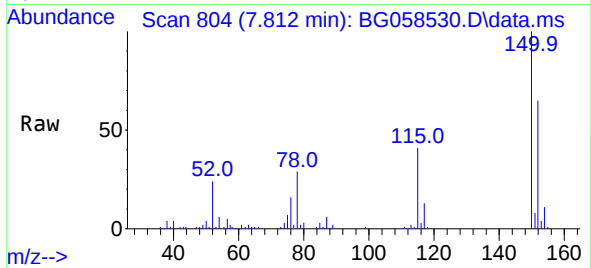




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

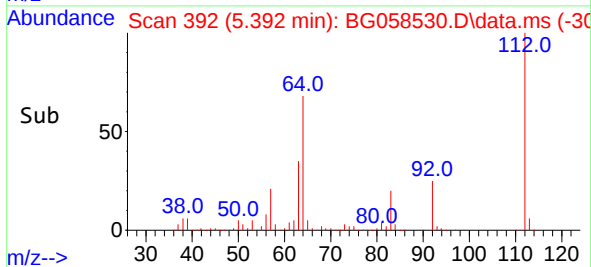
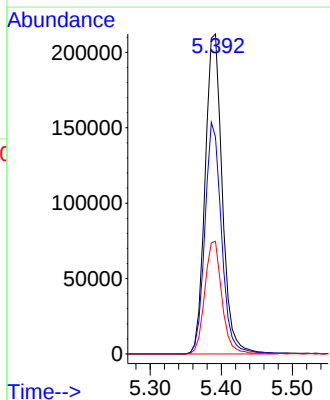
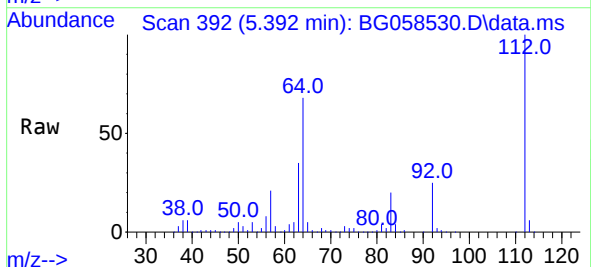
Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)

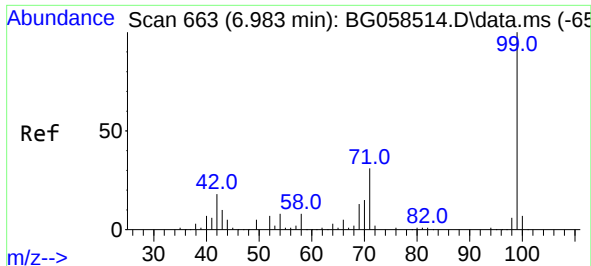
Tgt Ion:152 Resp: 53953
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 63.9 45.9 68.9



#5
2-Fluorophenol
Concen: 101.002 ng
RT: 5.392 min Scan# 392
Delta R.T. 0.007 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

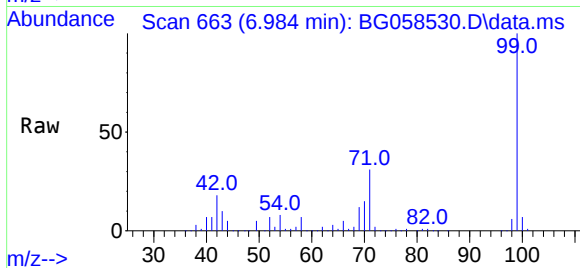
Tgt Ion:112 Resp: 356526
Ion Ratio Lower Upper
112 100
64 67.8 55.3 82.9
63 35.2 28.3 42.5





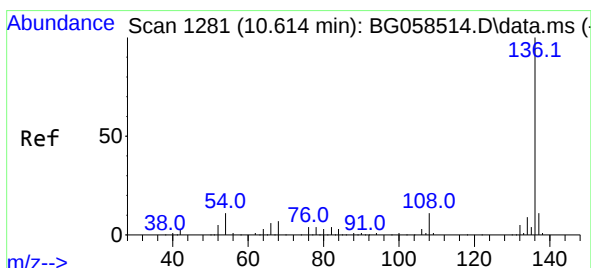
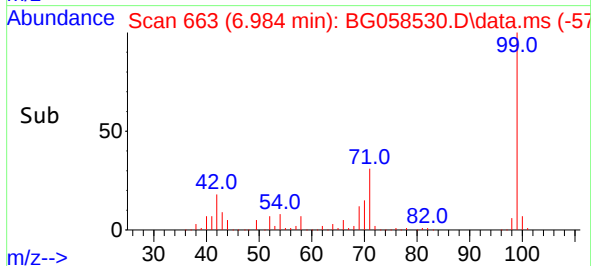
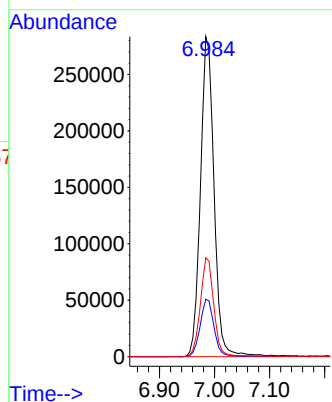
#7
Phenol-d6
Concen: 99.386 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Instrument :
BNA_G
ClientSampleId :
SB-05-(6-8)



Tgt Ion: 99 Resp: 488164

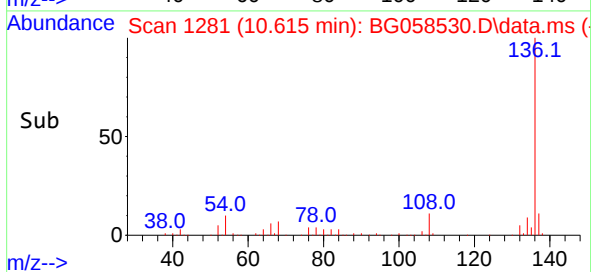
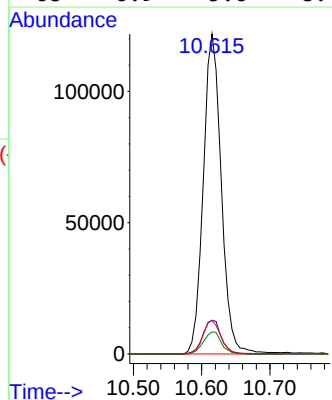
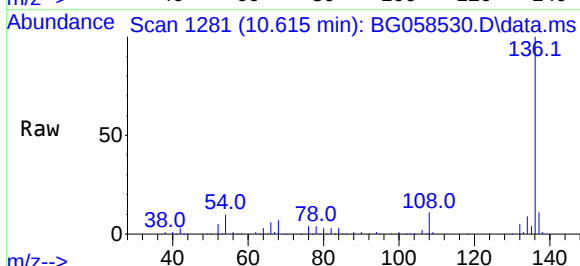
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.6	21.8
71	30.9	25.0	37.4

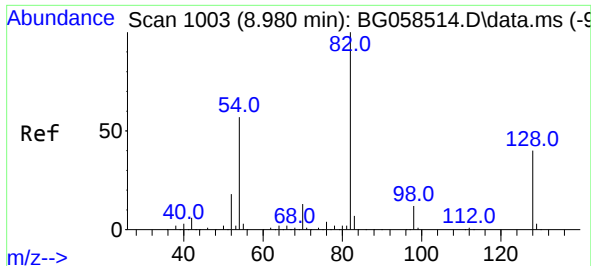


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 1281
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion: 136 Resp: 223914

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.4	8.9	13.3
68	6.9	5.6	8.4





#23

Nitrobenzene-d5

Concen: 66.172 ng

RT: 8.976 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG058530.D

Acq: 28 Jul 2023 23:10

Instrument :

BNA_G

ClientSampleId :

SB-05-(6-8)

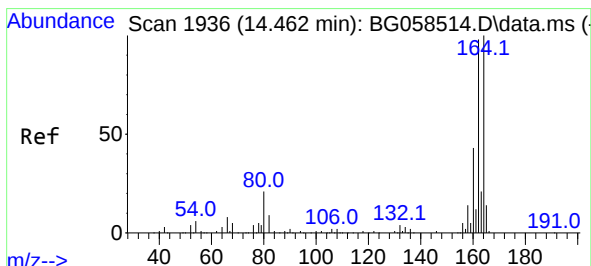
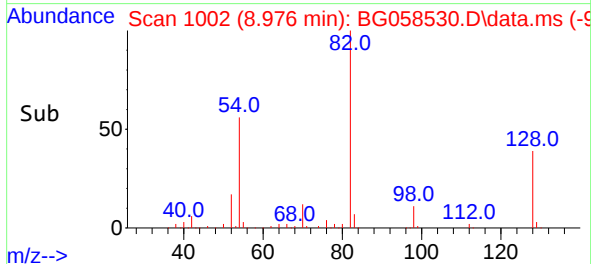
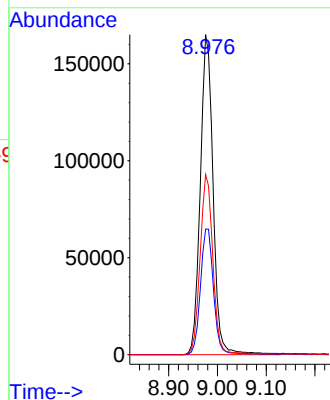
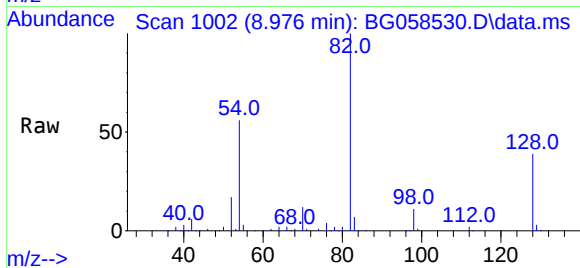
Tgt Ion: 82 Resp: 301612

Ion Ratio Lower Upper

82 100

128 39.3 32.2 48.2

54 56.3 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058530.D

Acq: 28 Jul 2023 23:10

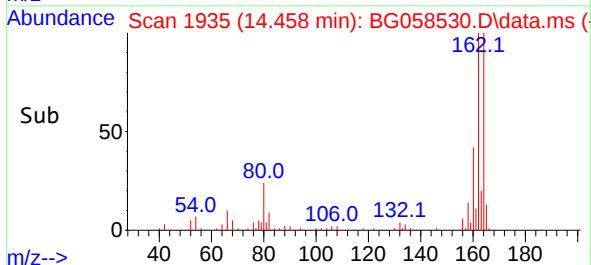
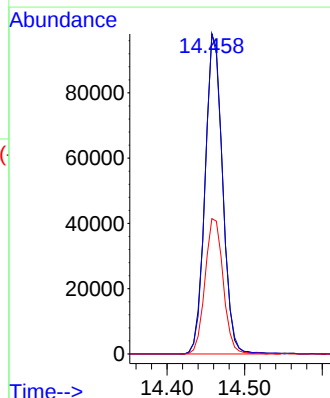
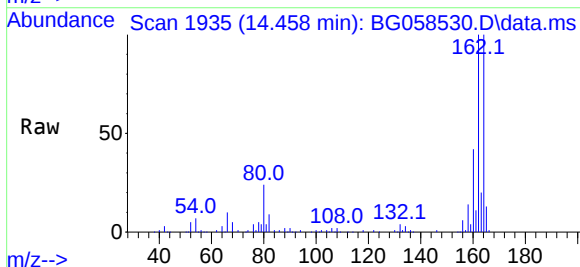
Tgt Ion:164 Resp: 153983

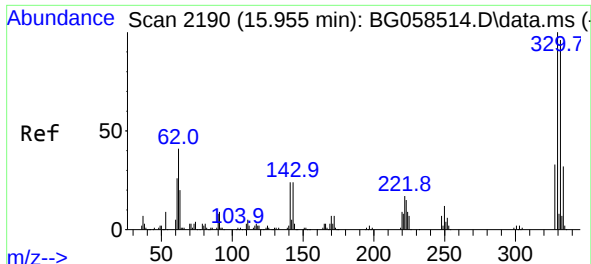
Ion Ratio Lower Upper

164 100

162 100.0 78.3 117.5

160 42.3 34.1 51.1

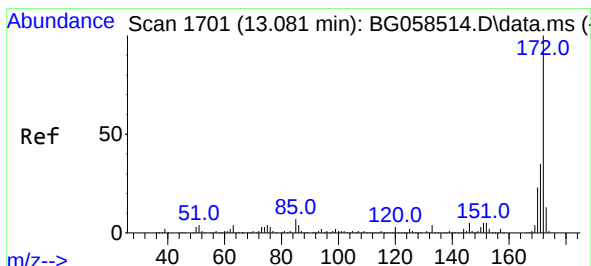
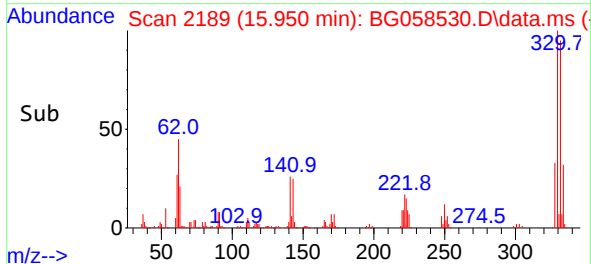
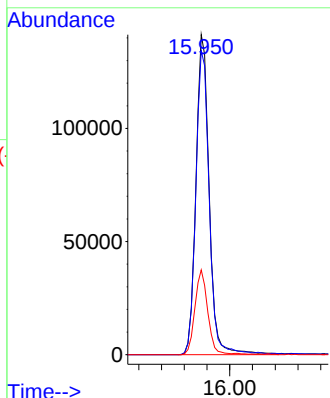
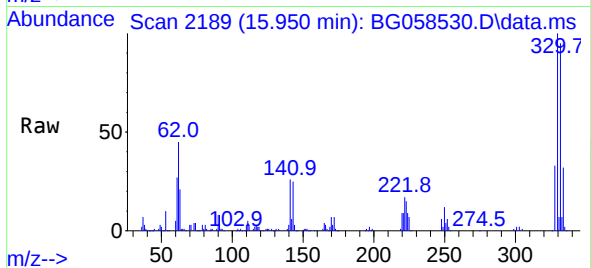




#42
2,4,6-Tribromophenol
Concen: 90.861 ng
RT: 15.950 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

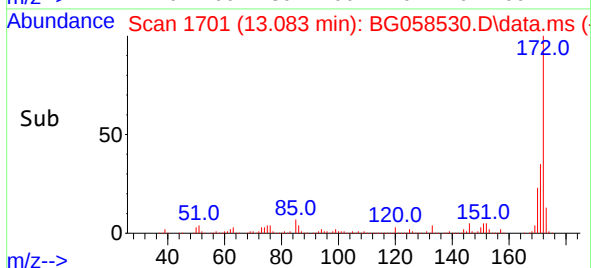
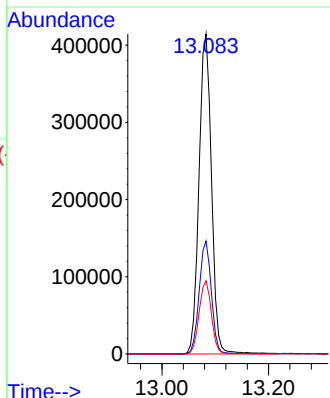
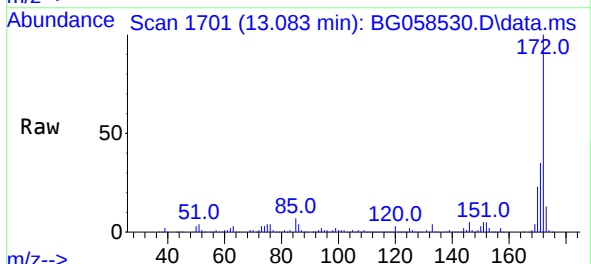
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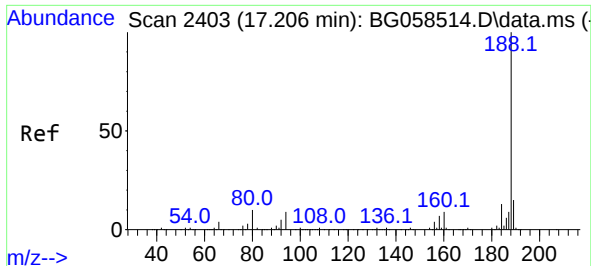
Tgt Ion:330 Resp: 229322
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 25.5 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 65.563 ng
RT: 13.083 min Scan# 1701
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

Tgt Ion:172 Resp: 673668
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 22.9 18.4 27.6

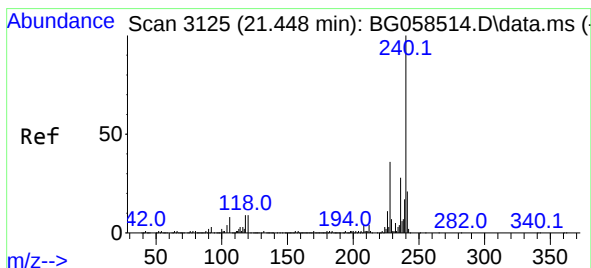
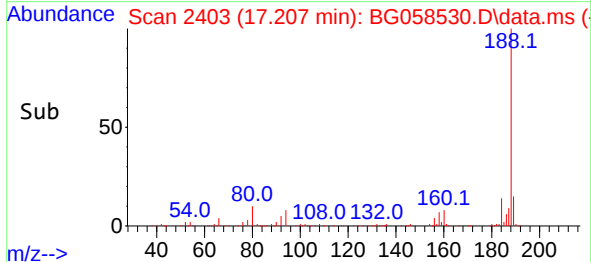
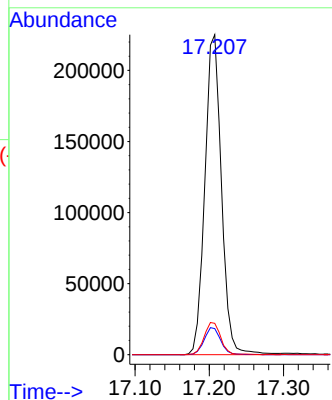
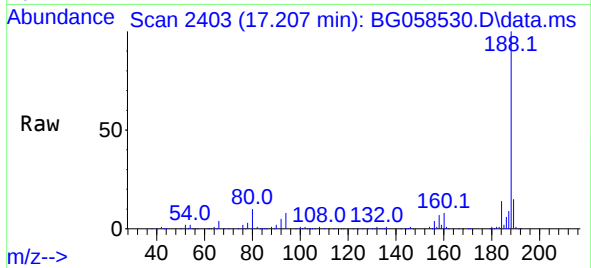




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

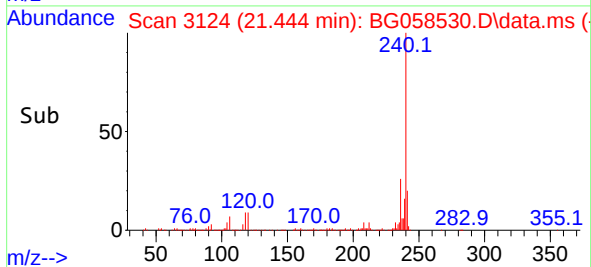
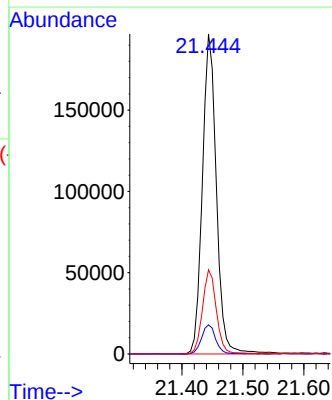
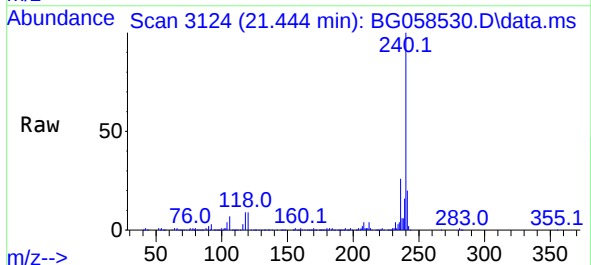
Instrument :
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SB-05-(6-8)

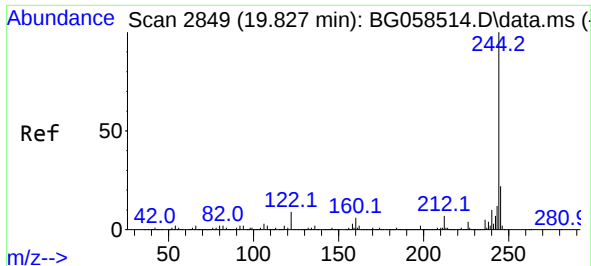
Tgt Ion:188 Resp: 350572
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058530.D
Acq: 28 Jul 2023 23:10

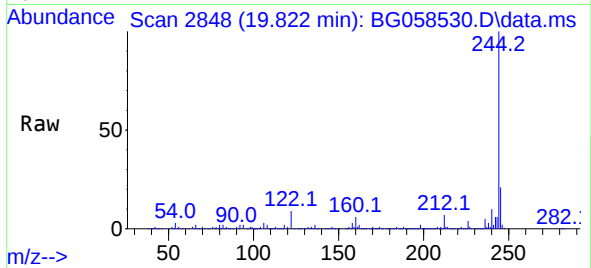
Tgt Ion:240 Resp: 314499
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.3 22.2 33.4





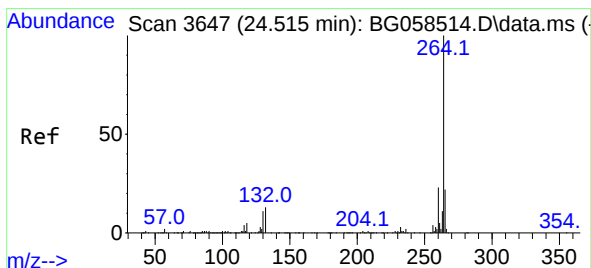
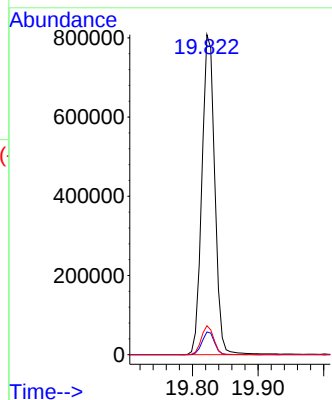
#79
 Terphenyl-d14
 Concen: 66.215 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058530.D
 Acq: 28 Jul 2023 23:10

Instrument :
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 ClientSampleId :
 SB-05-(6-8)



Tgt Ion:244 Resp: 1107379

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	9.1	6.8	10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.516 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BG058530.D
 Acq: 28 Jul 2023 23:10

Tgt Ion:264 Resp: 386140

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.5	17.9	26.9

