

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058825.D
 Acq On : 23 Aug 2023 16:56
 Operator : MA/JU
 Sample : 04110-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-04(1-2)

Quant Time: Aug 24 02:44:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	16606	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	73909	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	62398	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	159899	20.000	ng	0.00
76) Chrysene-d12	21.448	240	140526	20.000	ng	0.00
86) Perylene-d12	24.515	264	173022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	106120	102.839	ng	0.00
7) Phenol-d6	6.977	99	154091	106.433	ng	0.00
23) Nitrobenzene-d5	8.969	82	96062	62.488	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	97966	100.130	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	247827	57.767	ng	0.00
79) Terphenyl-d14	19.821	244	488014	62.357	ng	0.00

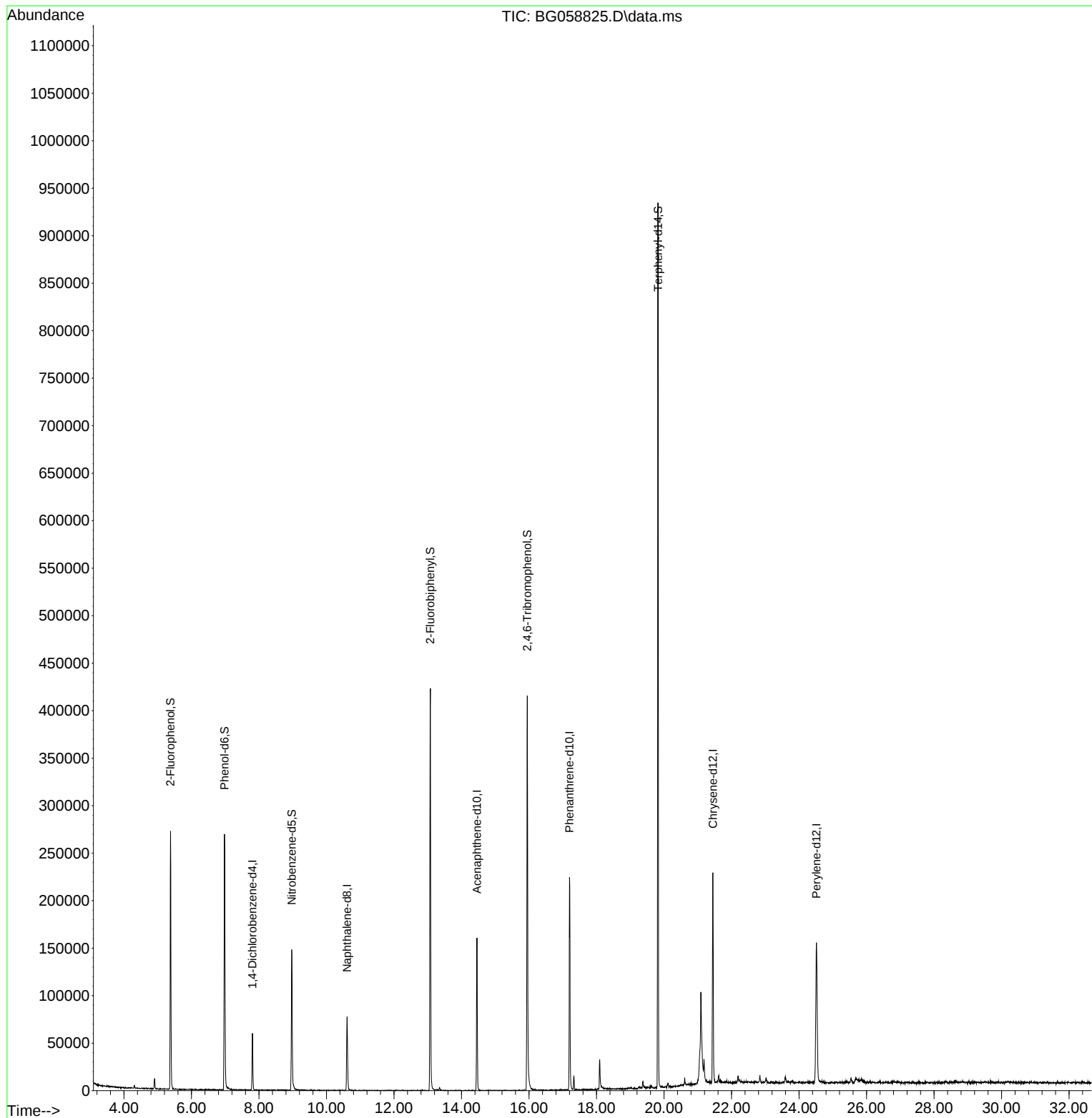
Target Compounds	Qvalue

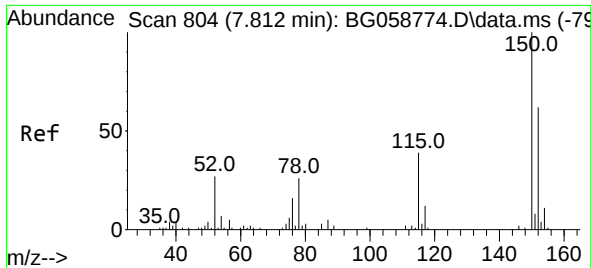
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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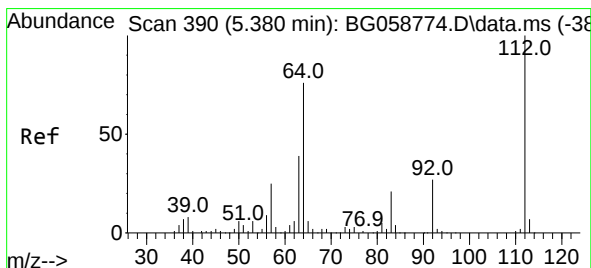
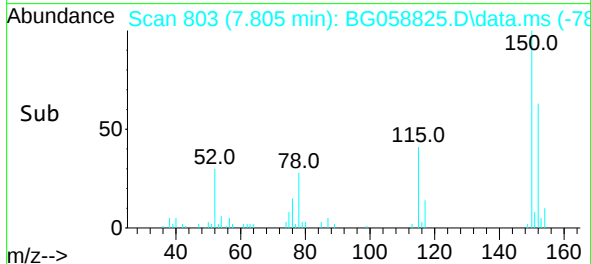
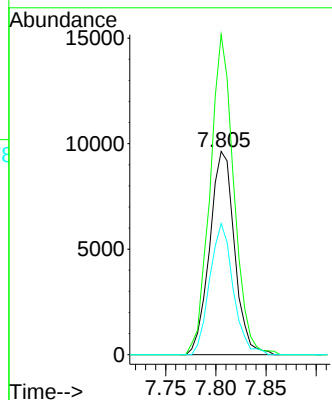
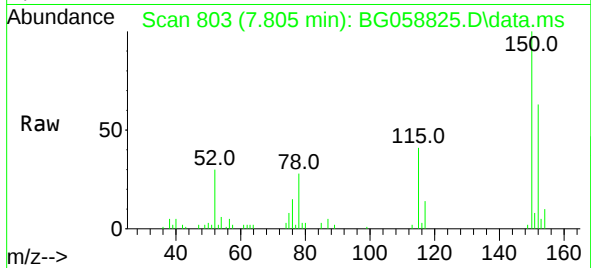




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 804
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

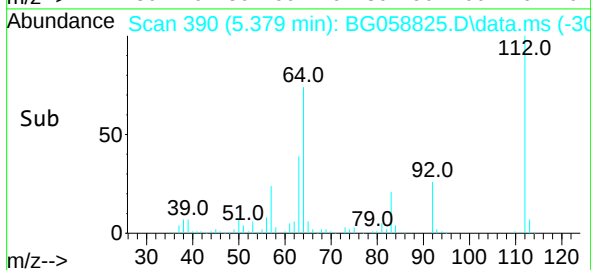
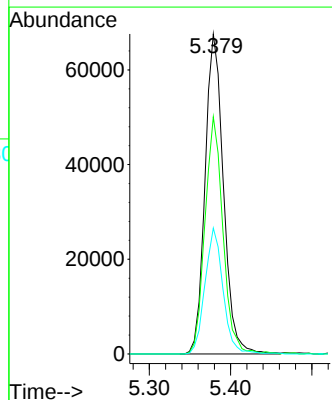
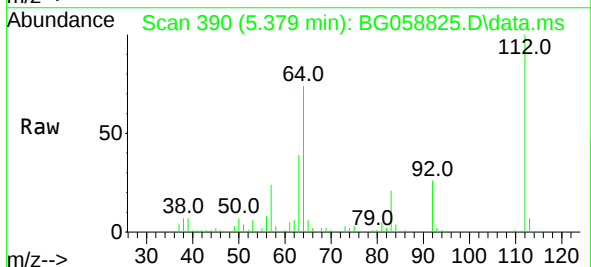
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)

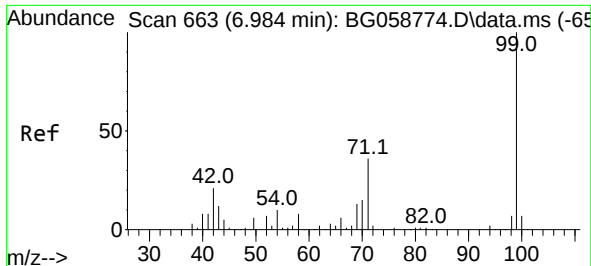
Tgt Ion:152 Resp: 16606
Ion Ratio Lower Upper
152 100
150 157.5 128.6 192.8
115 64.5 50.4 75.6



#5
2-Fluorophenol
Concen: 102.839 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:112 Resp: 106120
Ion Ratio Lower Upper
112 100
64 74.1 60.6 90.8
63 39.4 31.0 46.4

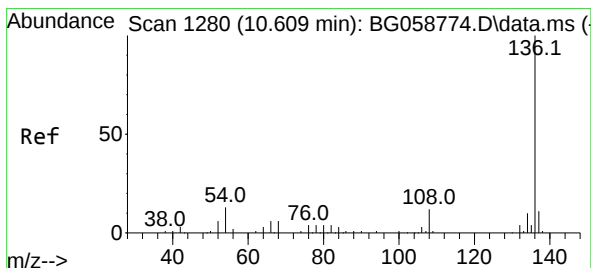
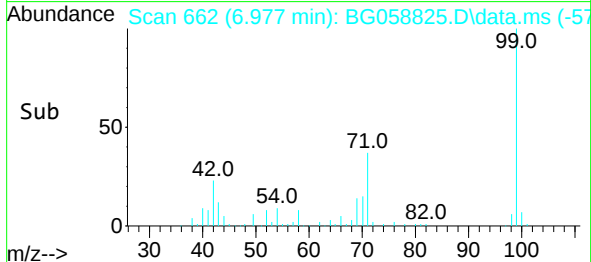
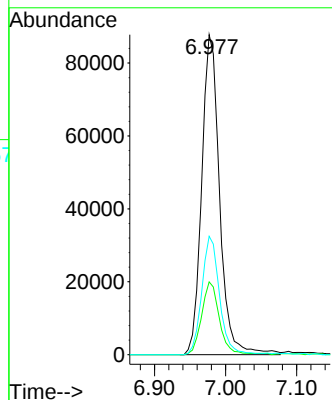
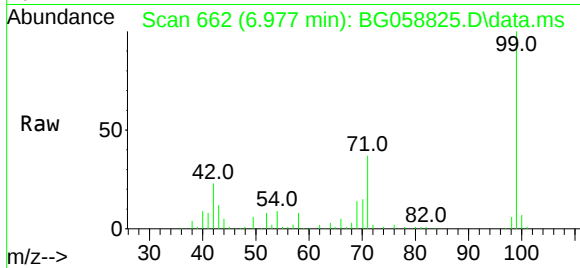




#7
Phenol-d6
Concen: 106.433 ng
RT: 6.977 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

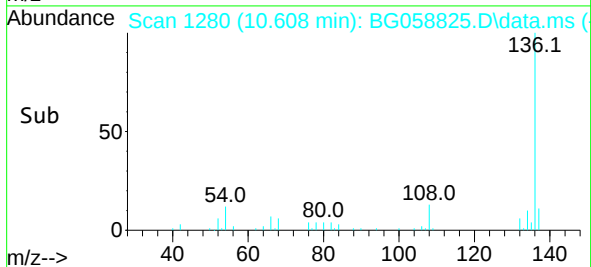
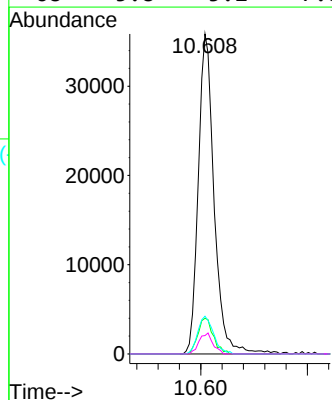
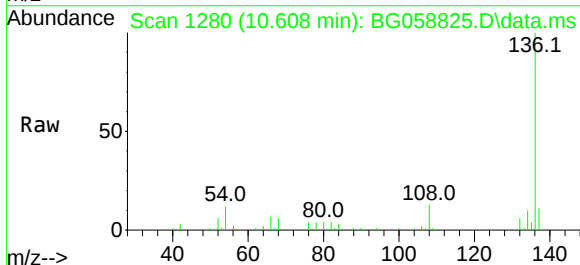
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)

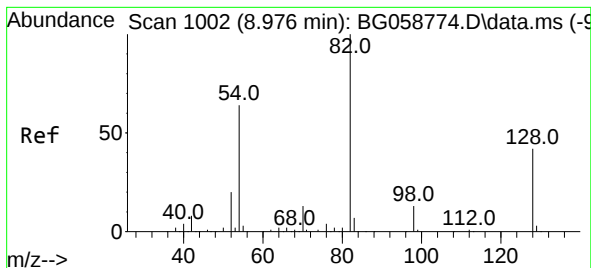
Tgt Ion: 99 Resp: 154091
Ion Ratio Lower Upper
99 100
42 22.8 16.5 24.7
71 37.0 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion: 136 Resp: 73909
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 11.8 10.1 15.1
68 5.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 62.488 ng

RT: 8.969 min Scan# 1002

Delta R.T. -0.007 min

Lab File: BG058825.D

Acq: 23 Aug 2023 16:56

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)

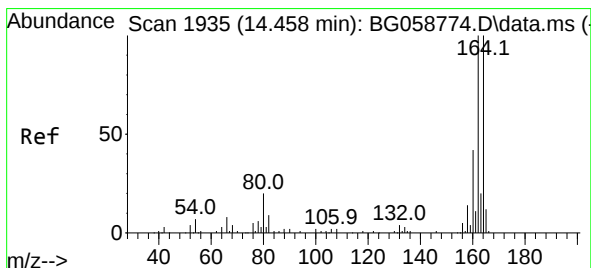
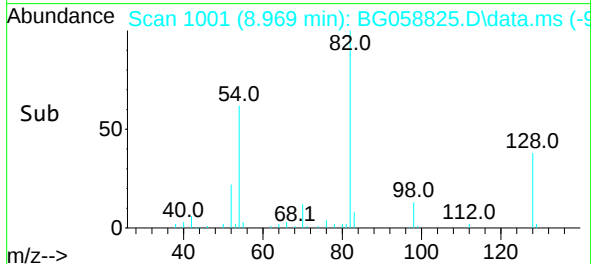
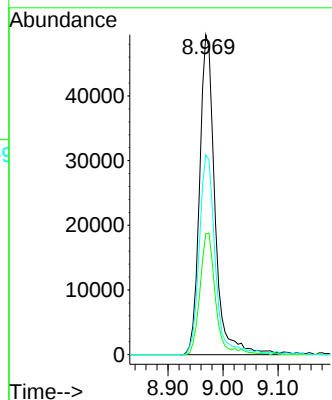
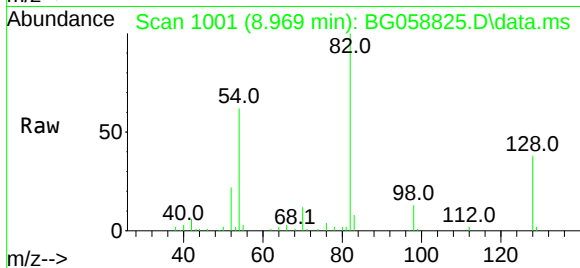
Tgt Ion: 82 Resp: 96062

Ion Ratio Lower Upper

82 100

128 37.8 33.2 49.8

54 62.4 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1935

Delta R.T. -0.001 min

Lab File: BG058825.D

Acq: 23 Aug 2023 16:56

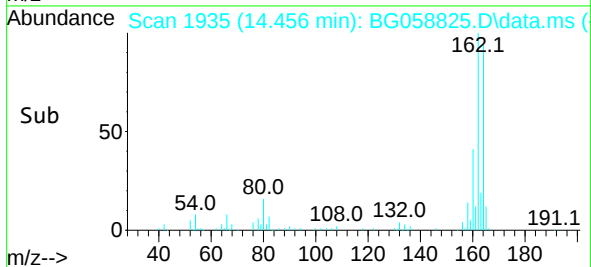
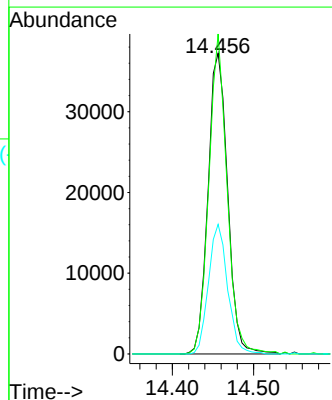
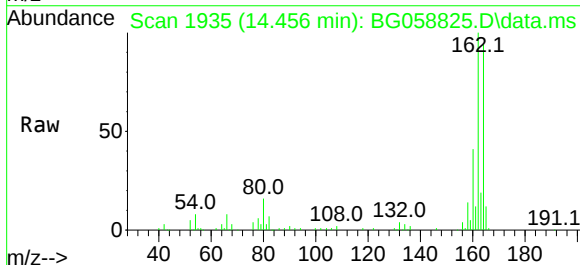
Tgt Ion:164 Resp: 62398

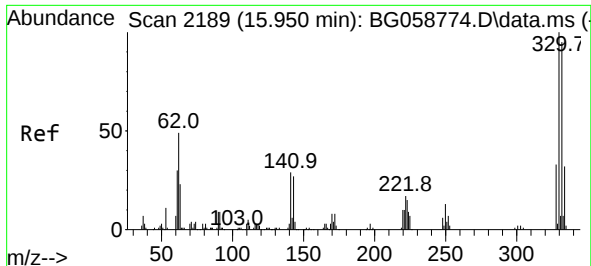
Ion Ratio Lower Upper

164 100

162 106.4 79.6 119.4

160 43.1 34.0 51.0

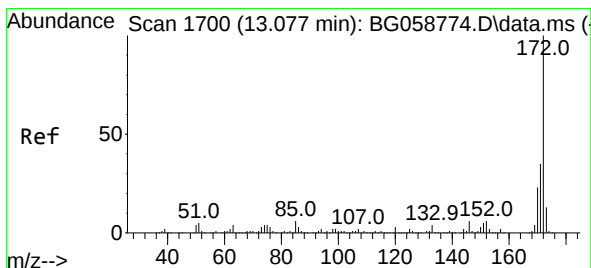
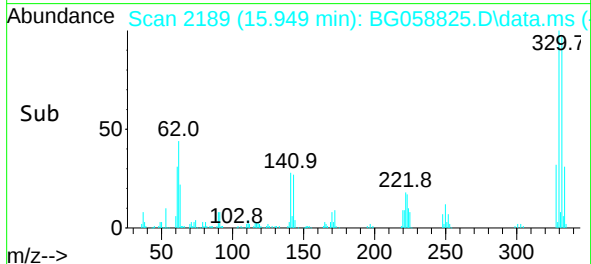
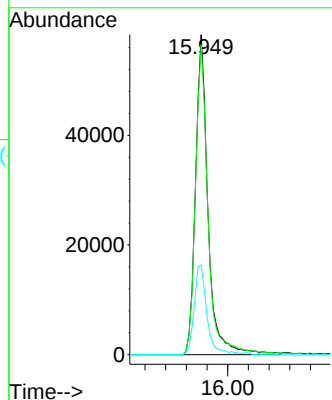
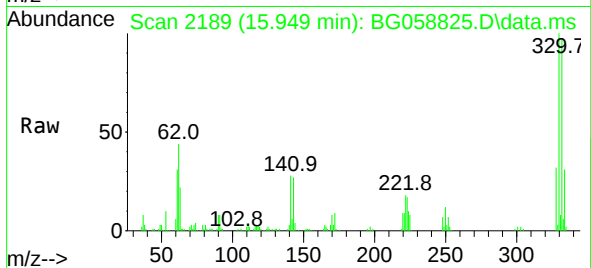




#42
2,4,6-Tribromophenol
Concen: 100.130 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

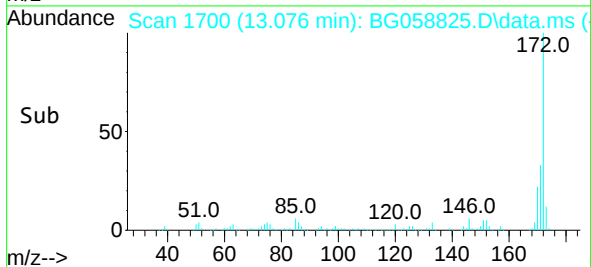
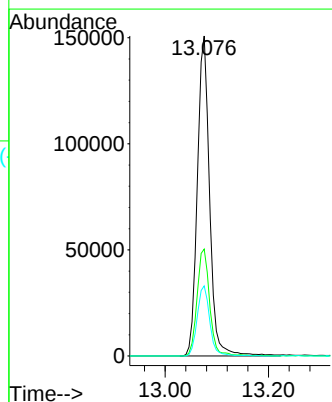
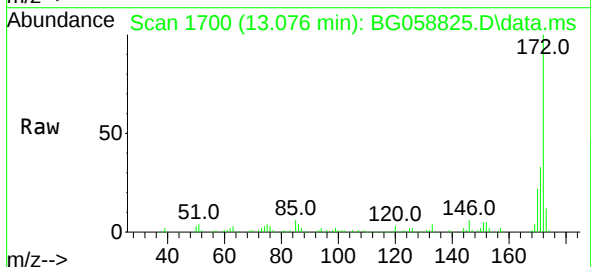
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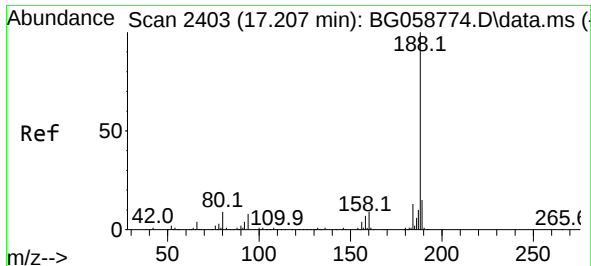
Tgt Ion:330 Resp: 97966
Ion Ratio Lower Upper
330 100
332 98.0 78.5 117.7
141 28.6 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 57.767 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:172 Resp: 247827
Ion Ratio Lower Upper
172 100
171 33.4 28.1 42.1
170 21.9 18.6 27.8

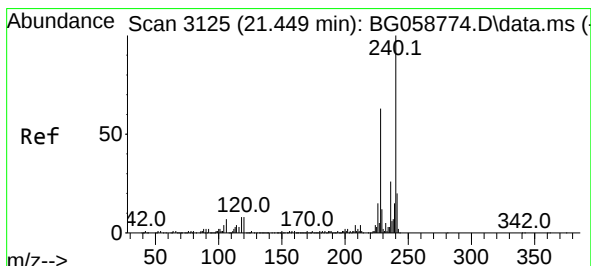
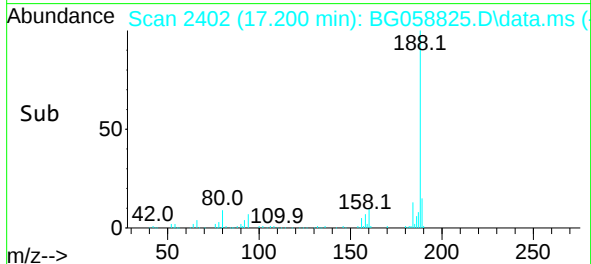
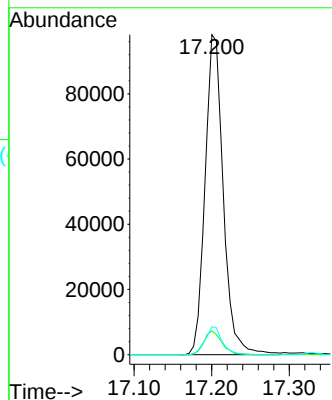
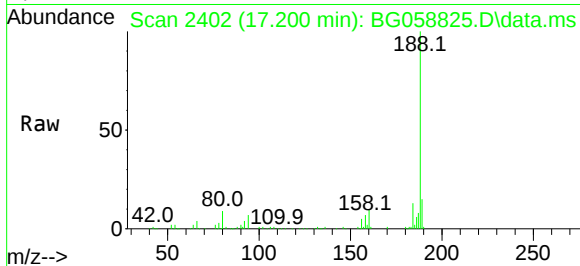




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2403
Delta R.T. -0.007 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

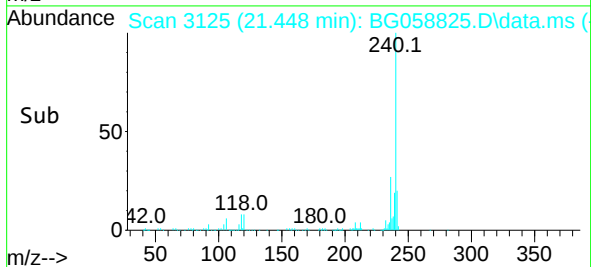
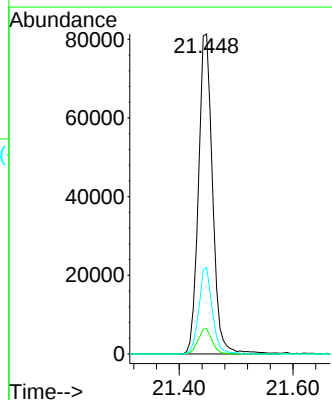
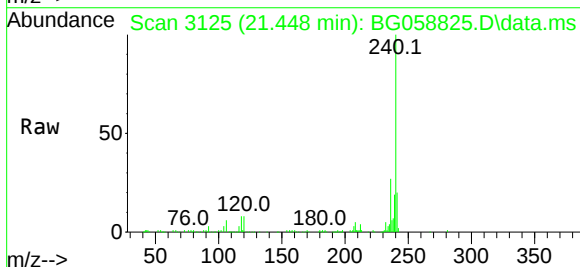
Instrument :
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ClientSampleId :
TP-04(1-2)

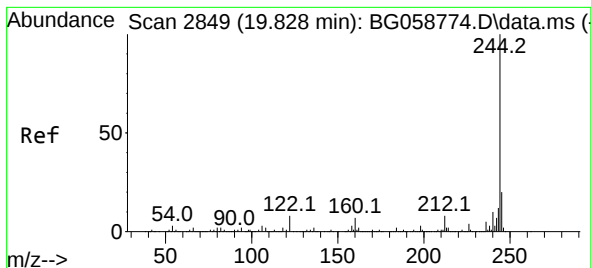
Tgt Ion:188 Resp: 159899
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058825.D
Acq: 23 Aug 2023 16:56

Tgt Ion:240 Resp: 140526
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.2
236 27.0 20.5 30.7





#79

Terphenyl-d14

Concen: 62.357 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG058825.D

Acq: 23 Aug 2023 16:56

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)

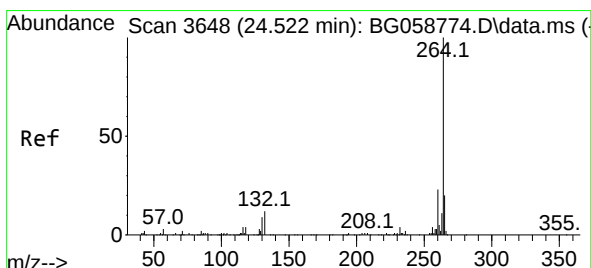
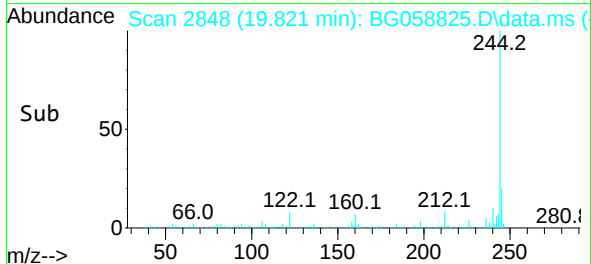
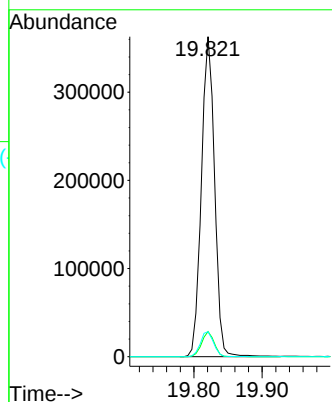
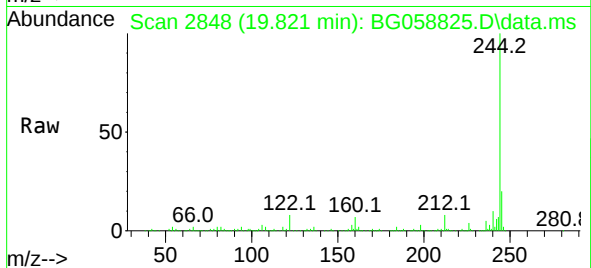
Tgt Ion:244 Resp: 488014

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 7.8 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 3647

Delta R.T. -0.007 min

Lab File: BG058825.D

Acq: 23 Aug 2023 16:56

Tgt Ion:264 Resp: 173022

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.2

265 21.7 16.4 24.6

