

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058841.D
 Acq On : 24 Aug 2023 16:37
 Operator : MA/JU
 Sample : 04091-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Quant Time: Aug 24 17:17:32 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	7.806	152	16163	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	66854	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	48508	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	131129	20.000	ng	0.00
76) Chrysene-d12	21.449	240	123247	20.000	ng	0.00
86) Perylene-d12	24.522	264	144074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	143021	142.398	ng	0.00
7) Phenol-d6	6.978	99	175312	124.409	ng	0.00
23) Nitrobenzene-d5	8.970	82	126903	91.261	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	107089	140.796	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	310913	93.224	ng	0.00
79) Terphenyl-d14	19.822	244	686318	99.990	ng	0.00

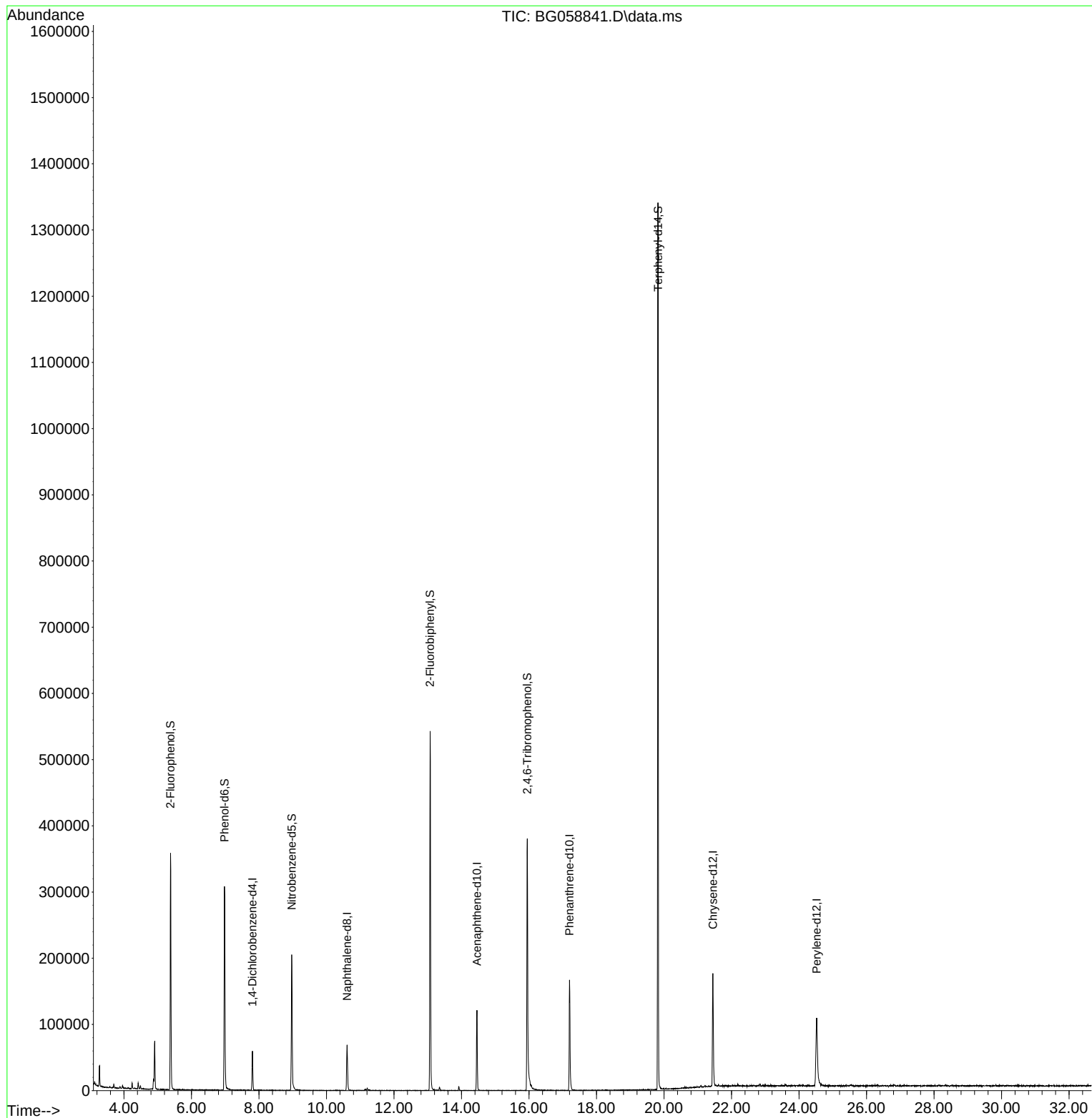
Target Compounds	Qvalue

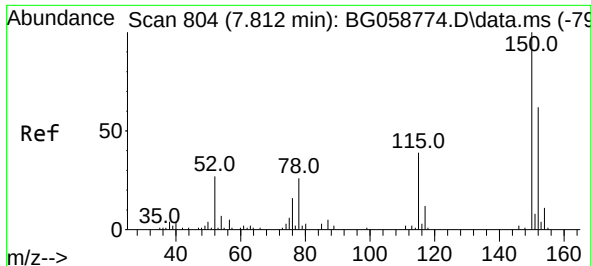
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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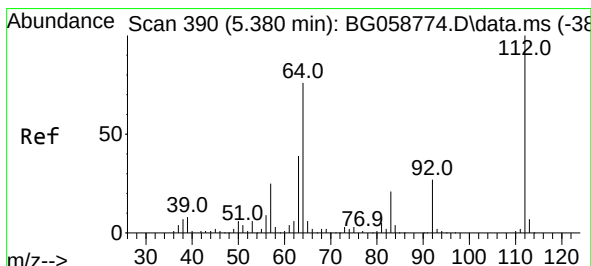
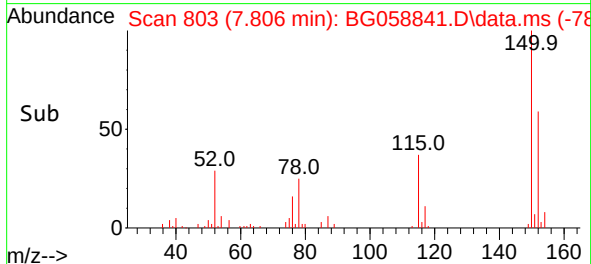
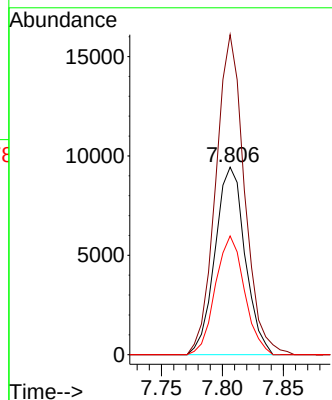
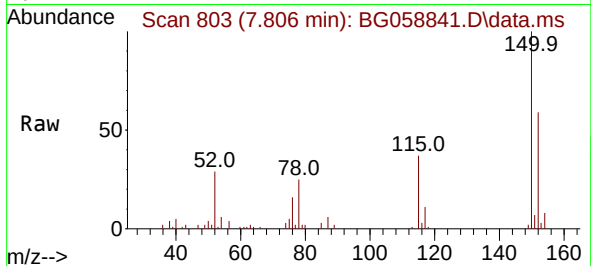




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

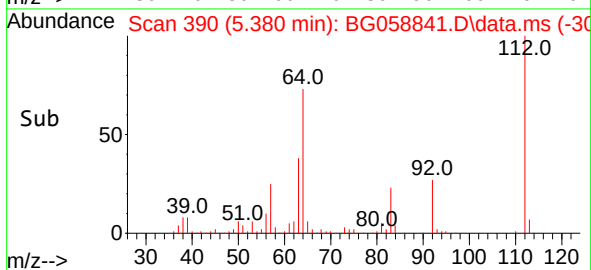
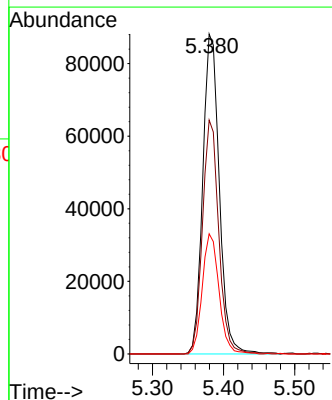
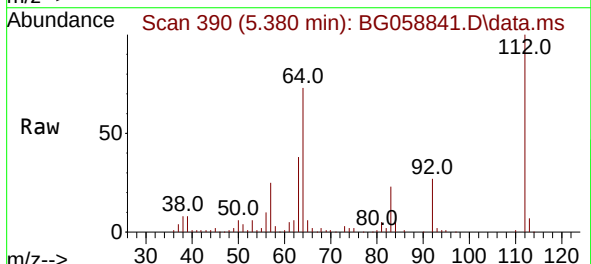
Instrument :
BNA_G
ClientSampleId :
TP-A

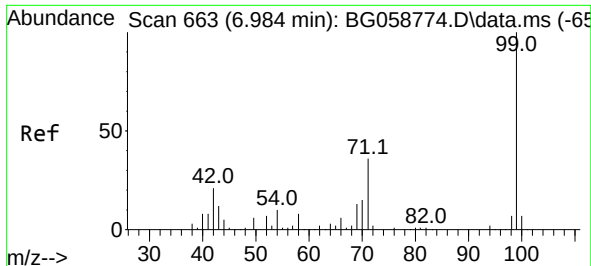
Tgt Ion:152 Resp: 16163
Ion Ratio Lower Upper
152 100
150 170.7 128.6 192.8
115 63.3 50.4 75.6



#5
2-Fluorophenol
Concen: 142.398 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:112 Resp: 143021
Ion Ratio Lower Upper
112 100
64 73.1 60.6 90.8
63 37.6 31.0 46.4

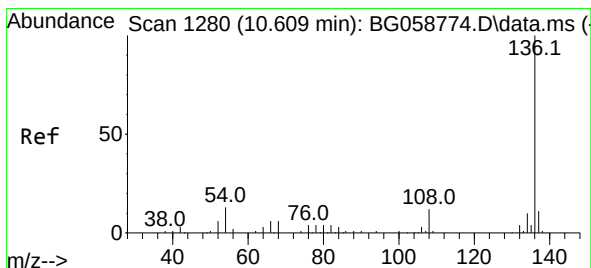
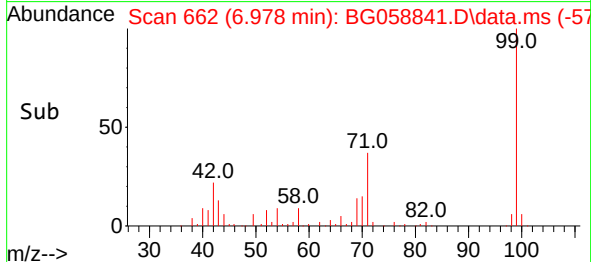
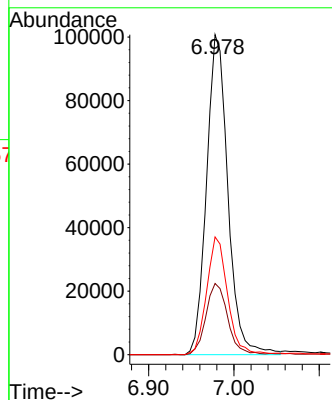
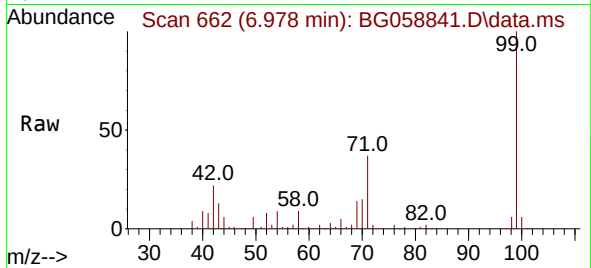




#7
Phenol-d6
Concen: 124.409 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

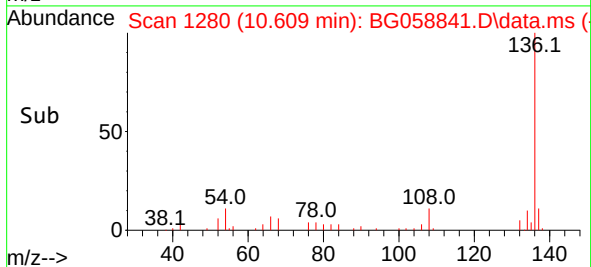
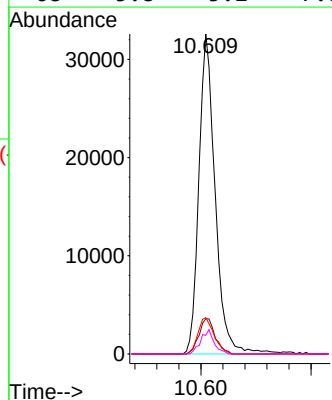
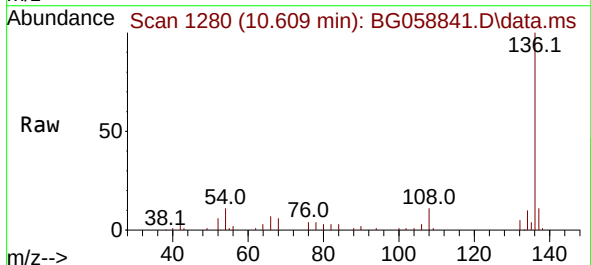
Instrument :
BNA_G
ClientSampleId :
TP-A

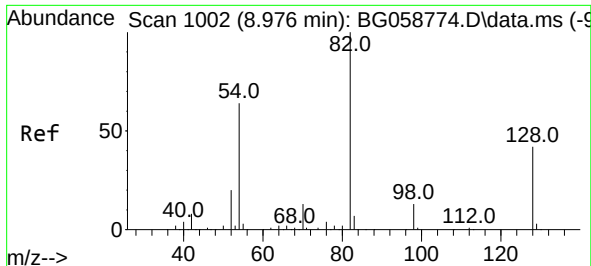
Tgt Ion: 99 Resp: 175312
Ion Ratio Lower Upper
99 100
42 22.2 16.5 24.7
71 36.8 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:136 Resp: 66854
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 11.4 10.1 15.1
68 5.8 5.2 7.8

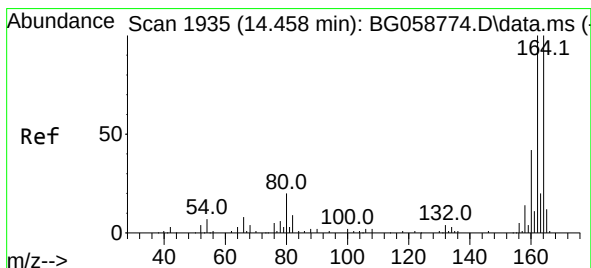
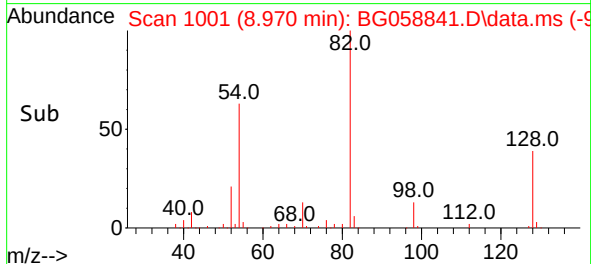
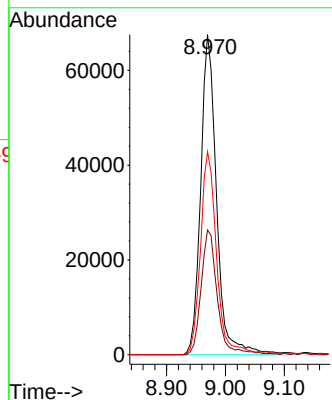
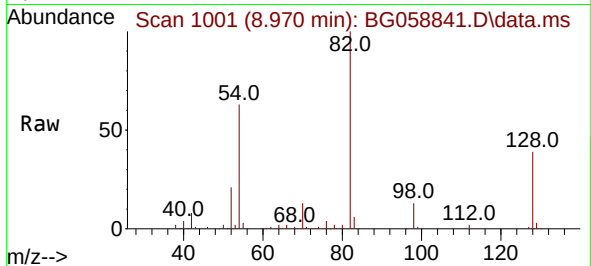




#23
Nitrobenzene-d5
Concen: 91.261 ng
RT: 8.970 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

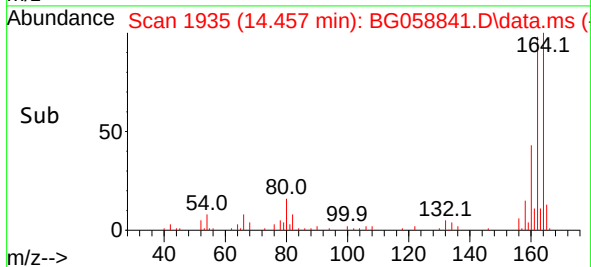
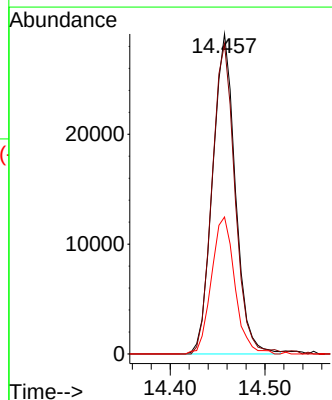
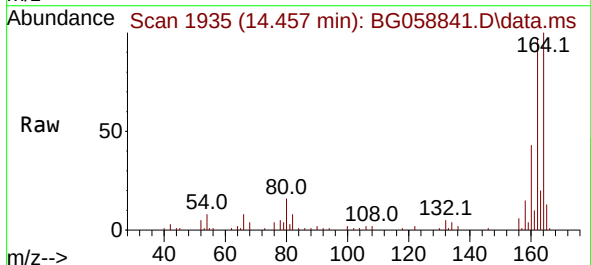
Instrument :
BNA_G
ClientSampleId :
TP-A

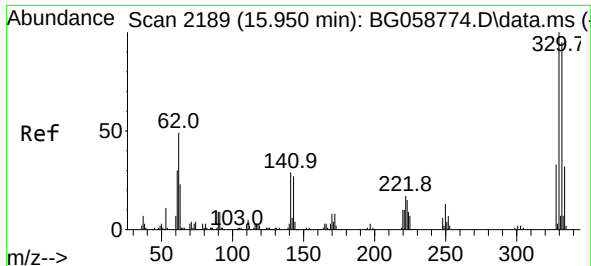
Tgt Ion: 82 Resp: 126903
Ion Ratio Lower Upper
82 100
128 39.0 33.2 49.8
54 63.4 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:164 Resp: 48508
Ion Ratio Lower Upper
164 100
162 96.9 79.6 119.4
160 42.8 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 140.796 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.000 min

Lab File: BG058841.D

Acq: 24 Aug 2023 16:37

Instrument :

BNA_G

ClientSampleId :

TP-A

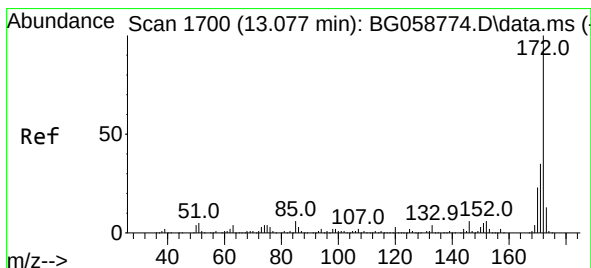
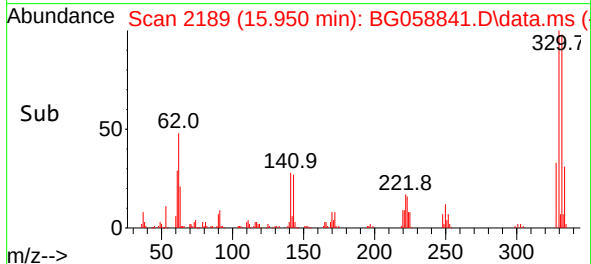
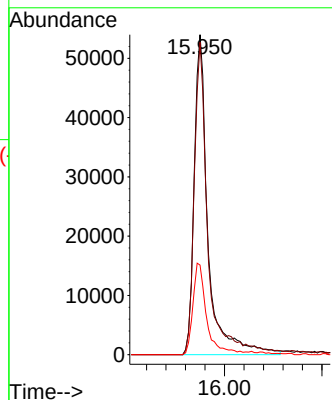
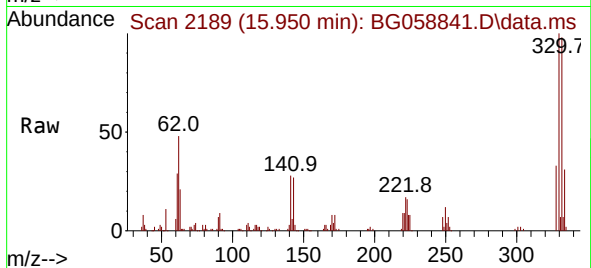
Tgt Ion:330 Resp: 107089

Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 28.6 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 93.224 ng

RT: 13.071 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BG058841.D

Acq: 24 Aug 2023 16:37

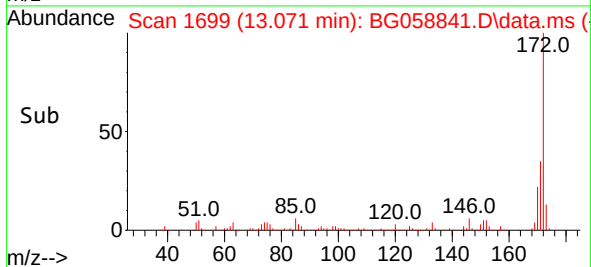
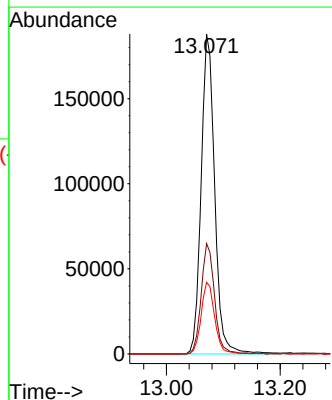
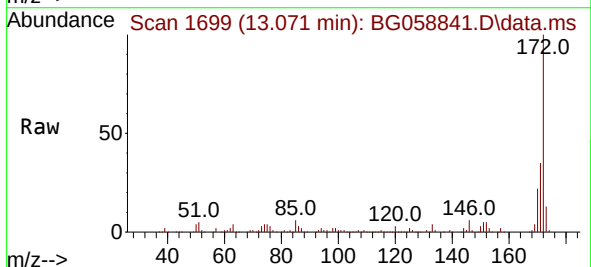
Tgt Ion:172 Resp: 310913

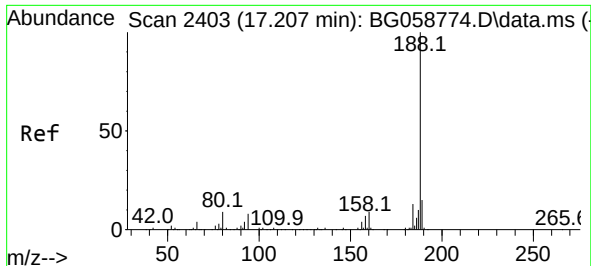
Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 22.4 18.6 27.8

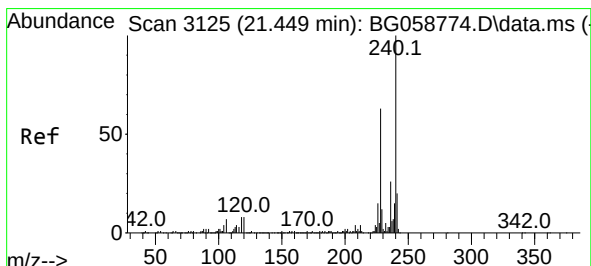
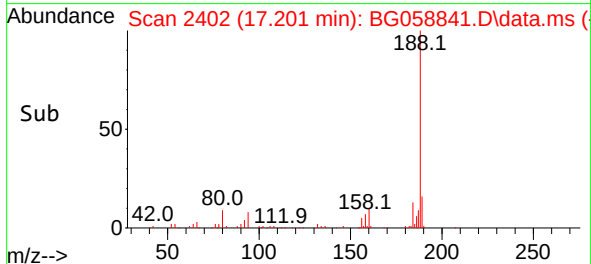
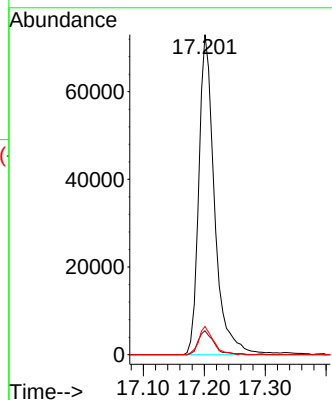
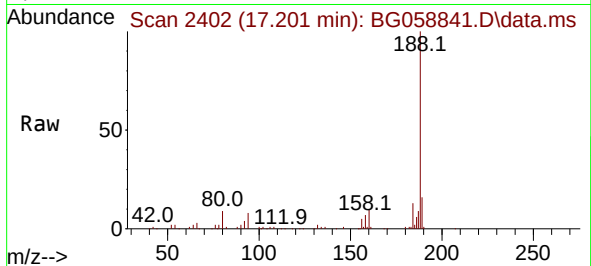




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

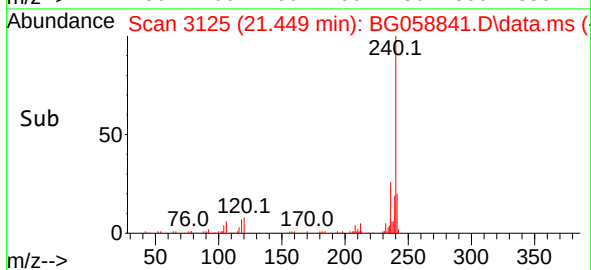
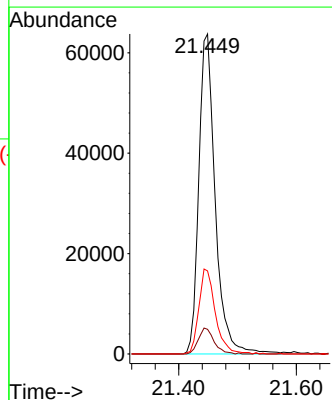
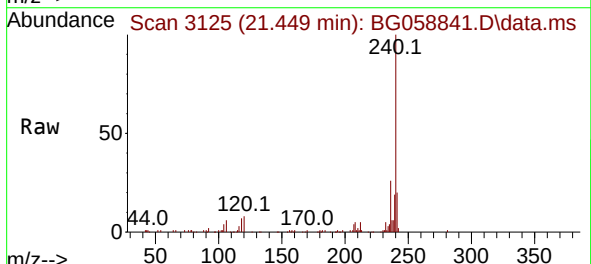
Instrument :
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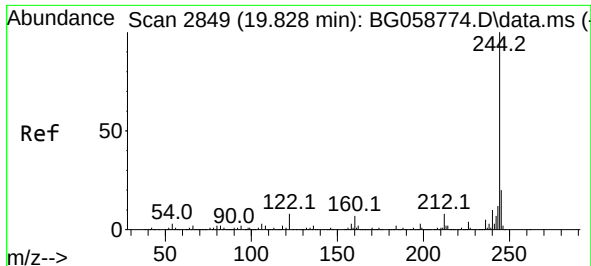
Tgt Ion:188 Resp: 131129
Ion Ratio Lower Upper
188 100
94 7.5 6.1 9.1
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:240 Resp: 123247
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 26.0 20.5 30.7

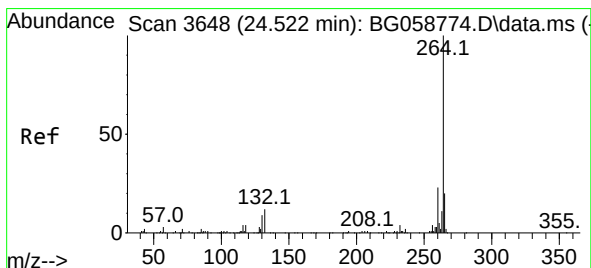
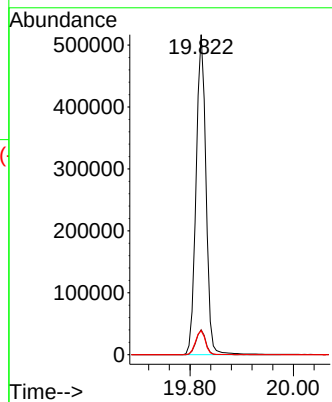
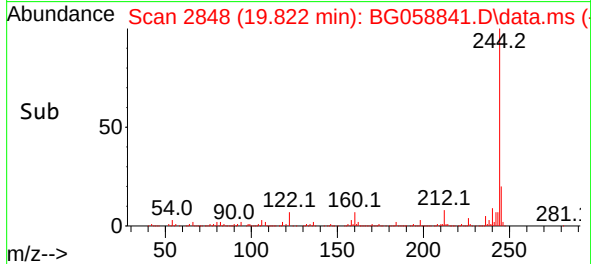
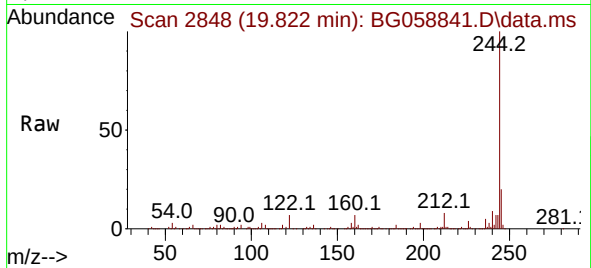




#79
 Terphenyl-d14
 Concen: 99.990 ng
 RT: 19.822 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058841.D
 Acq: 24 Aug 2023 16:37

Instrument :
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 ClientSampleId :
 TP-A

Tgt Ion:244 Resp: 686318
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 7.5 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. -0.000 min
 Lab File: BG058841.D
 Acq: 24 Aug 2023 16:37

Tgt Ion:264 Resp: 144074
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 23.2 16.4 24.6

