

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058859.D
 Acq On : 25 Aug 2023 21:27
 Operator : MA/JU
 Sample : 04109-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-02(6-7)

Quant Time: Aug 26 09:19:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	19864	20.000	ng	-0.02
21) Naphthalene-d8	10.608	136	78431	20.000	ng	-0.02
39) Acenaphthene-d10	14.456	164	52855	20.000	ng	-0.02
64) Phenanthrene-d10	17.200	188	133583	20.000	ng	-0.02
76) Chrysene-d12	21.442	240	132828	20.000	ng	-0.02
86) Perylene-d12	24.503	264	160487	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	106934	86.631	ng	-0.02
7) Phenol-d6	6.977	99	141699	81.821	ng	-0.03
23) Nitrobenzene-d5	8.969	82	84316	51.685	ng	-0.03
42) 2,4,6-Tribromophenol	15.949	330	73545	88.741	ng	-0.02
45) 2-Fluorobiphenyl	13.070	172	208715	57.434	ng	-0.03
79) Terphenyl-d14	19.815	244	430824	58.239	ng	-0.02

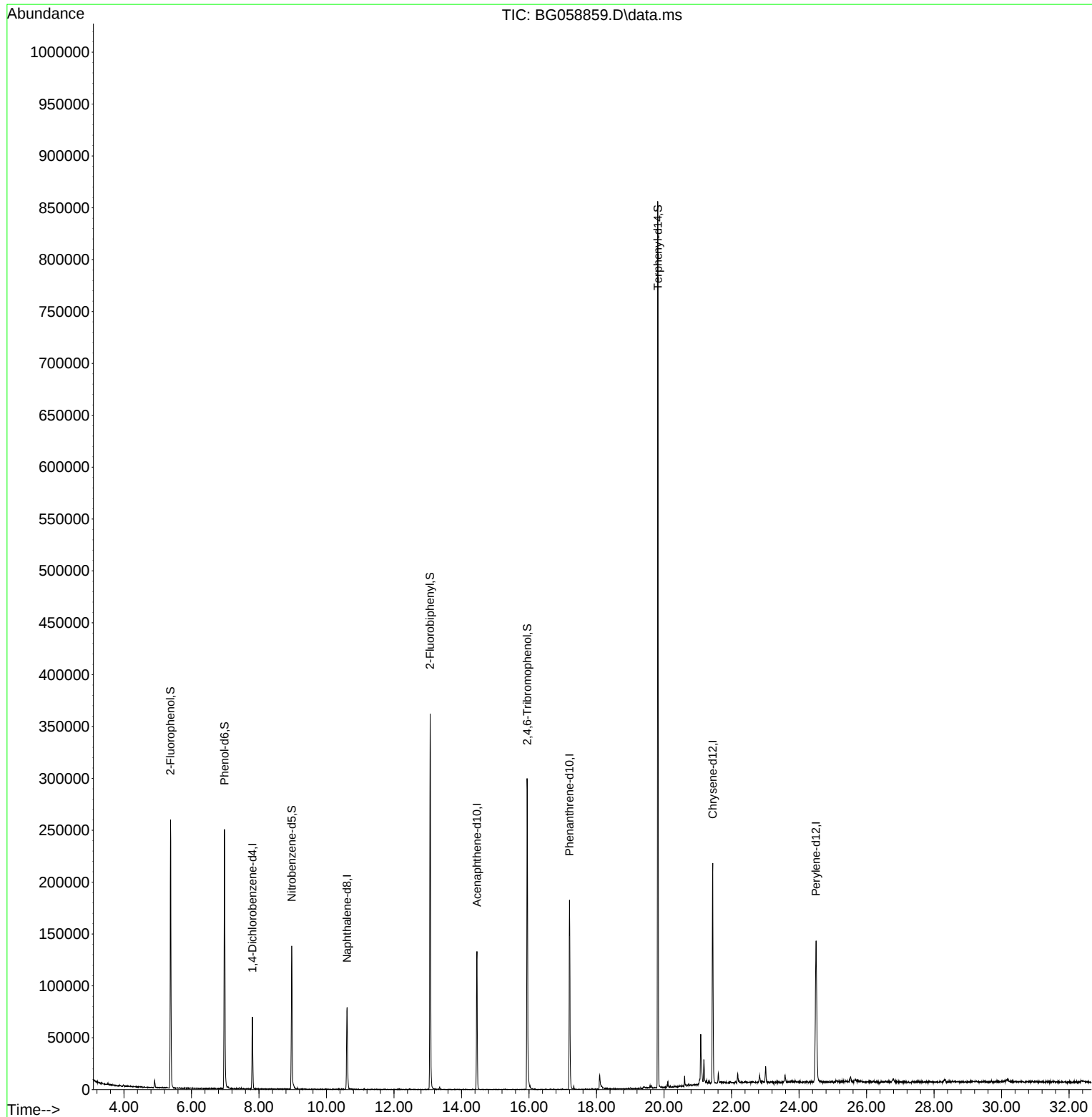
Target Compounds	Qvalue

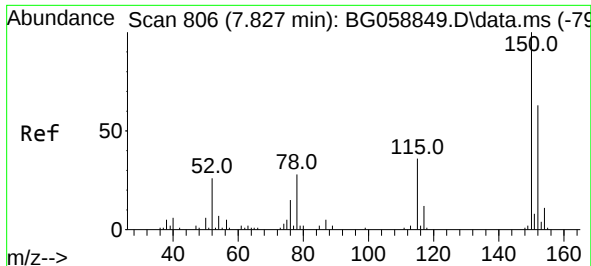
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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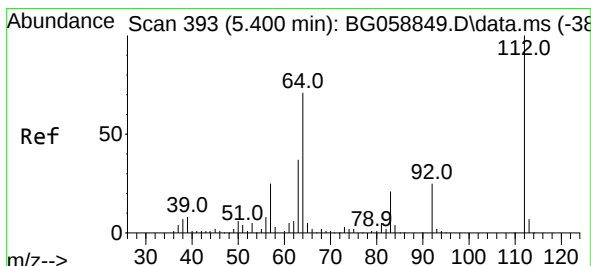
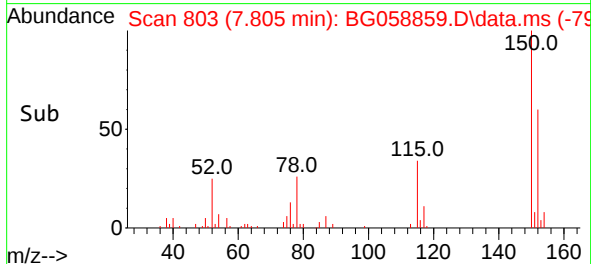
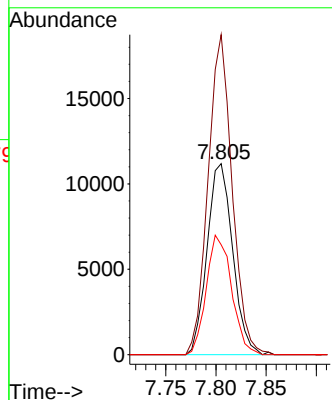
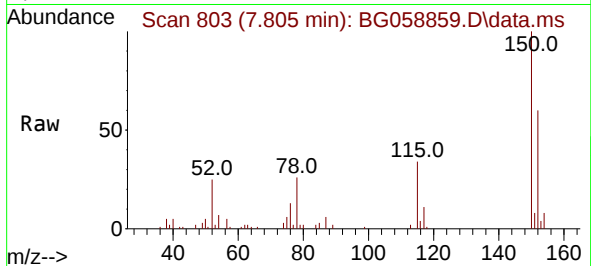




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 806
Delta R.T. -0.022 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

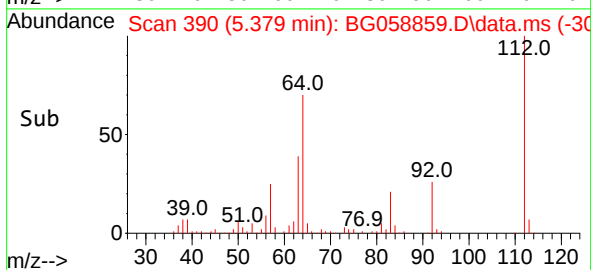
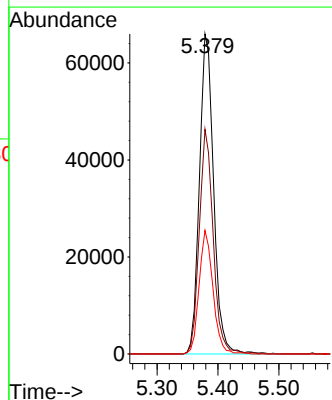
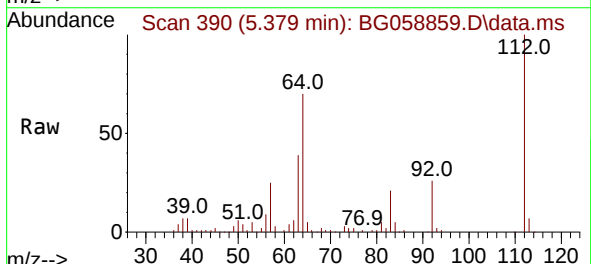
Instrument :
BNA_G
ClientSampleId :
TP-02(6-7)

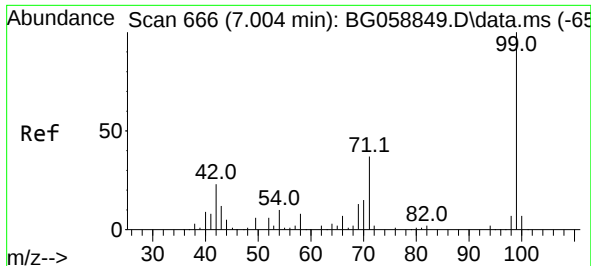
Tgt Ion:152 Resp: 19864
Ion Ratio Lower Upper
152 100
150 167.5 128.6 192.8
115 57.6 50.4 75.6



#5
2-Fluorophenol
Concen: 86.631 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.021 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

Tgt Ion:112 Resp: 106934
Ion Ratio Lower Upper
112 100
64 70.2 60.6 90.8
63 38.6 31.0 46.4

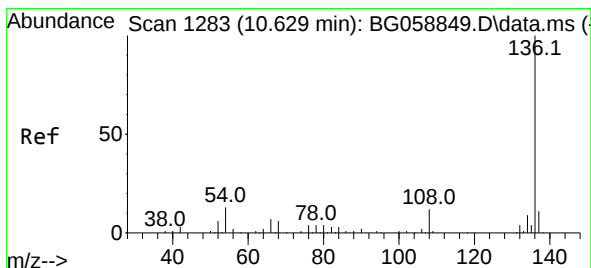
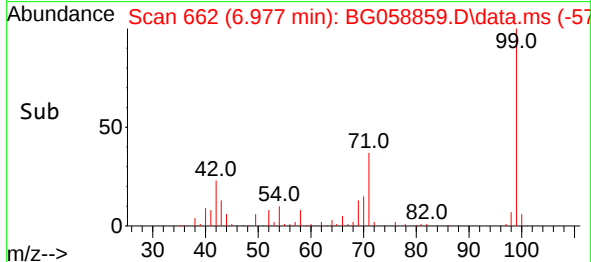
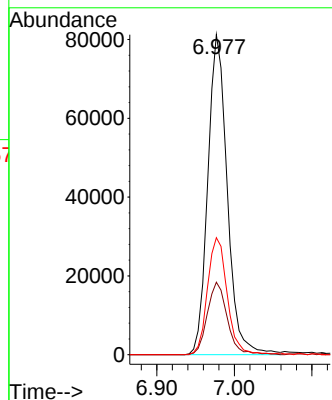
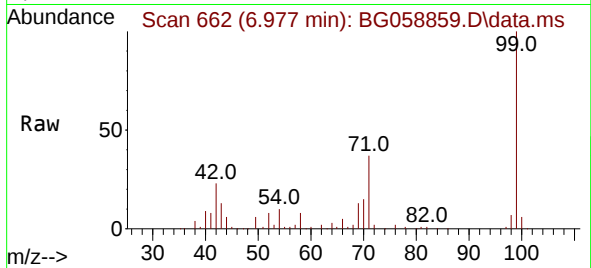




#7
Phenol-d6
Concen: 81.821 ng
RT: 6.977 min Scan# 61
Delta R.T. -0.027 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

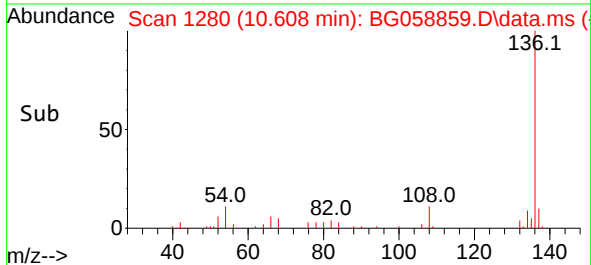
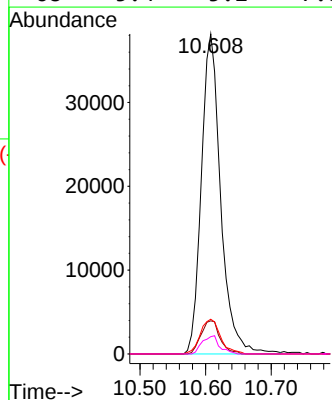
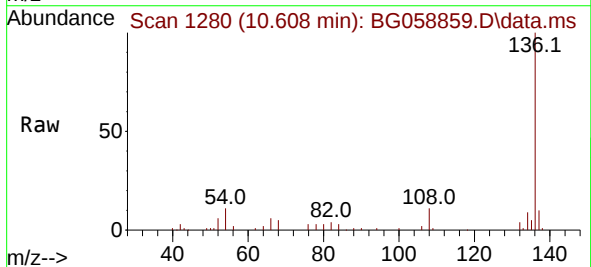
Instrument :
BNA_G
ClientSampleId :
TP-02(6-7)

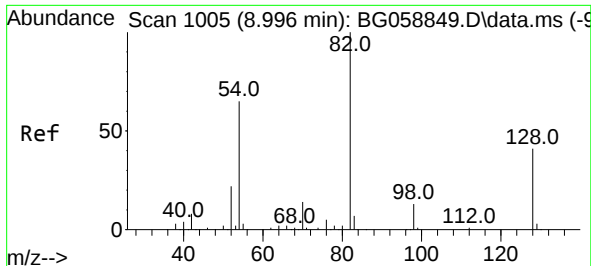
Tgt Ion: 99 Resp: 141699
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 36.5 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.021 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

Tgt Ion: 136 Resp: 78431
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 10.9 10.1 15.1
68 5.4 5.2 7.8

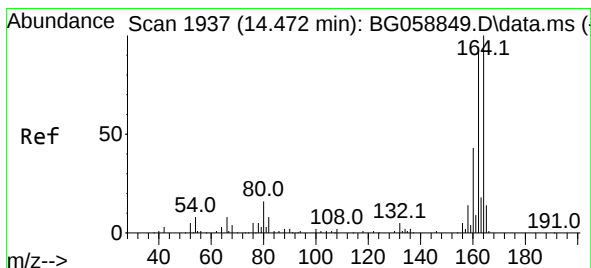
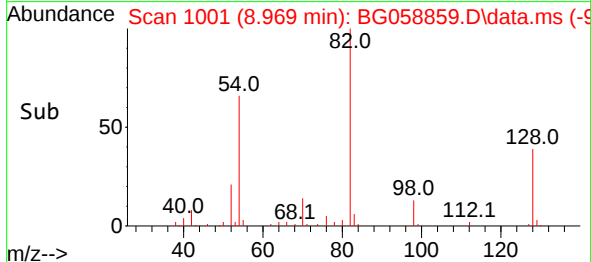
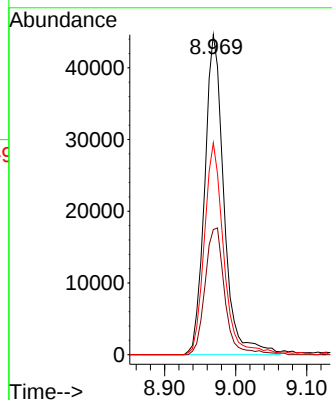
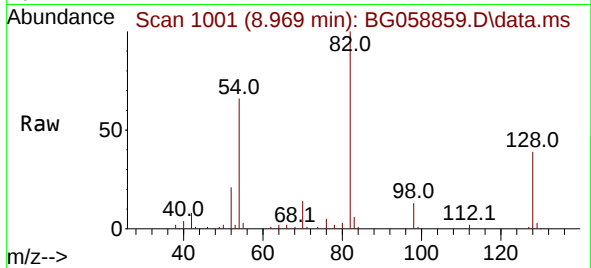




#23
Nitrobenzene-d5
Concen: 51.685 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.027 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

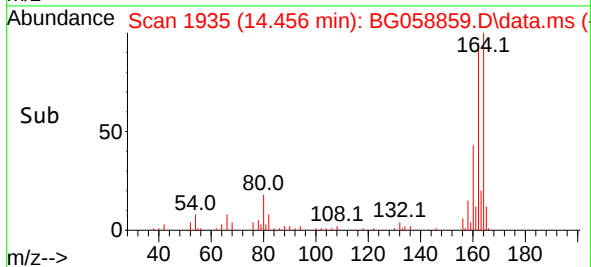
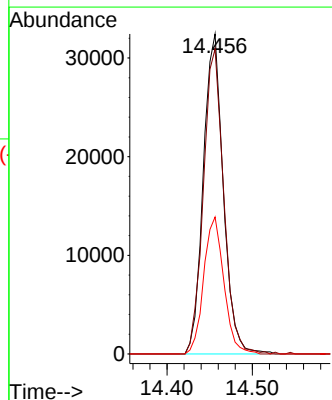
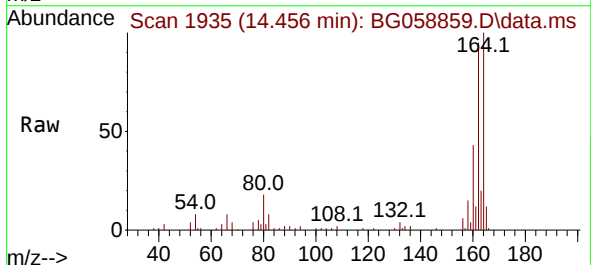
Instrument :
BNA_G
ClientSampleId :
TP-02(6-7)

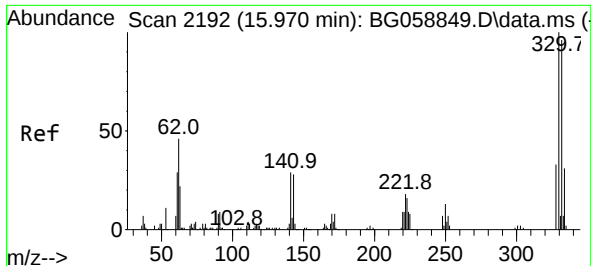
Tgt Ion: 82 Resp: 84316
Ion Ratio Lower Upper
82 100
128 39.1 33.2 49.8
54 66.2 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.016 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

Tgt Ion:164 Resp: 52855
Ion Ratio Lower Upper
164 100
162 95.3 79.6 119.4
160 42.8 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 88.741 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG058859.D

Acq: 25 Aug 2023 21:27

Instrument :

BNA_G

ClientSampleId :

TP-02(6-7)

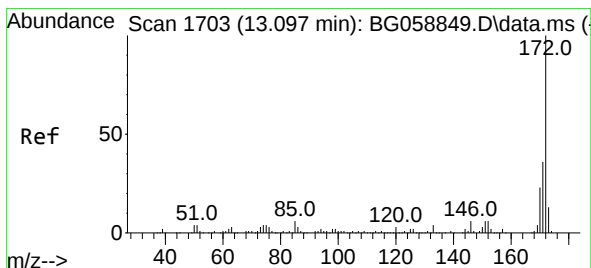
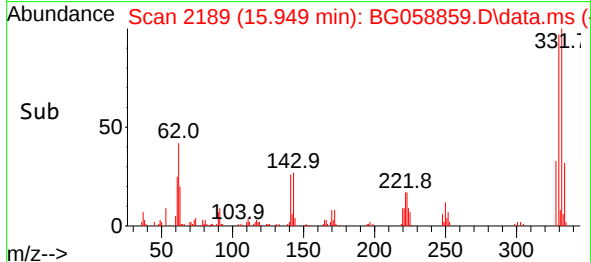
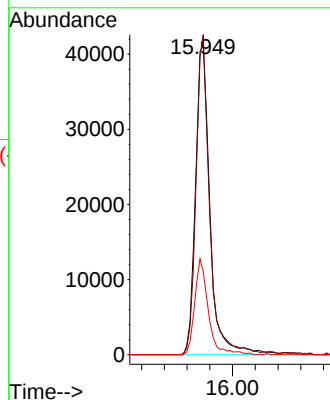
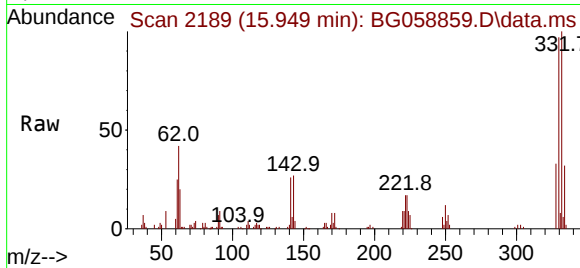
Tgt Ion:330 Resp: 73545

Ion Ratio Lower Upper

330 100

332 96.4 78.5 117.7

141 28.8 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 57.434 ng

RT: 13.070 min Scan# 1699

Delta R.T. -0.027 min

Lab File: BG058859.D

Acq: 25 Aug 2023 21:27

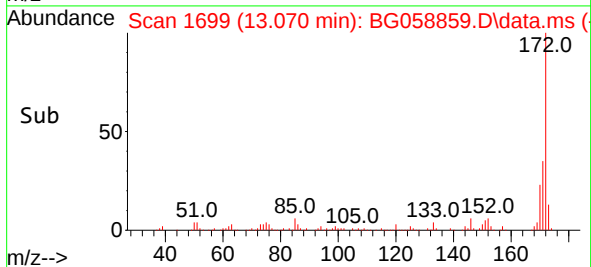
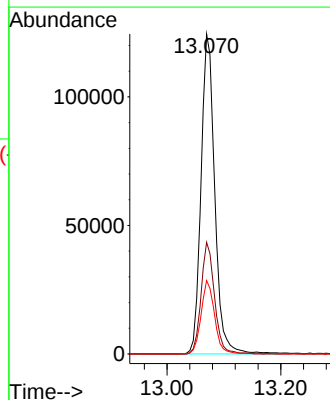
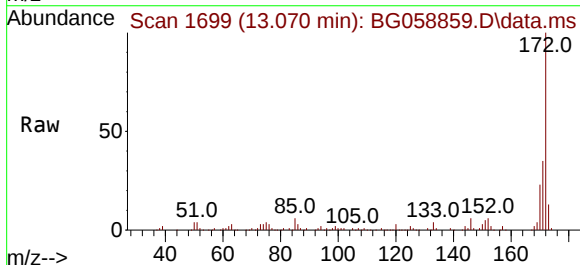
Tgt Ion:172 Resp: 208715

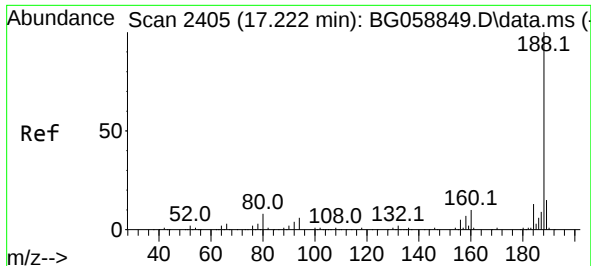
Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 22.9 18.6 27.8

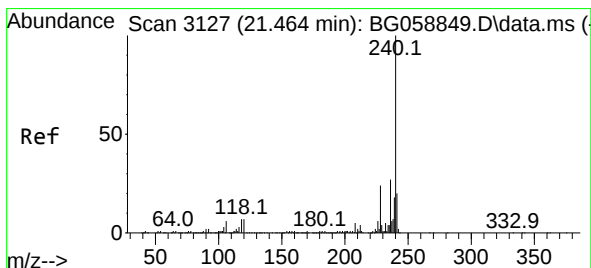
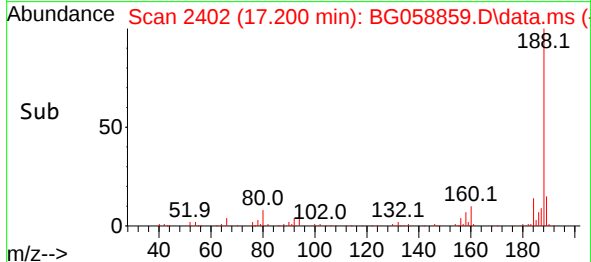
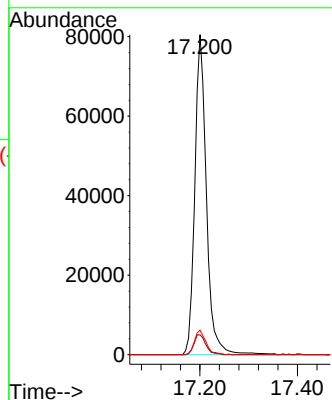
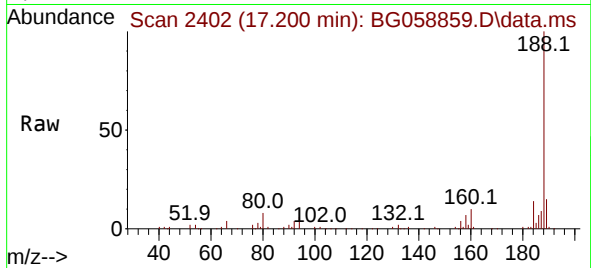




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2405
Delta R.T. -0.021 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

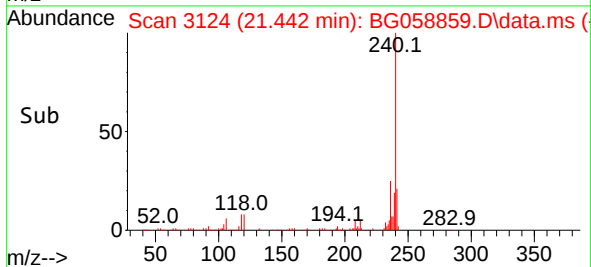
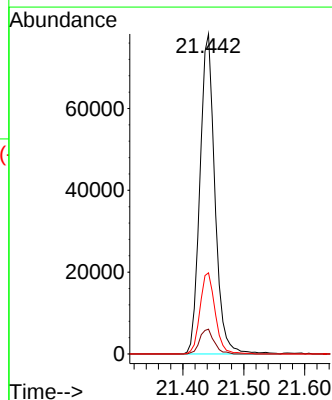
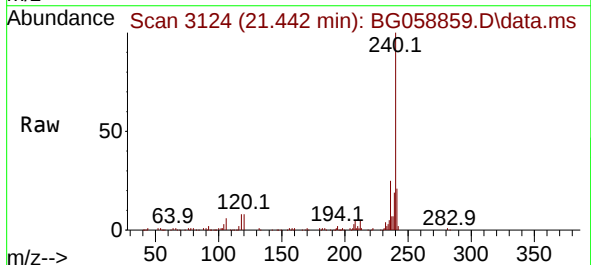
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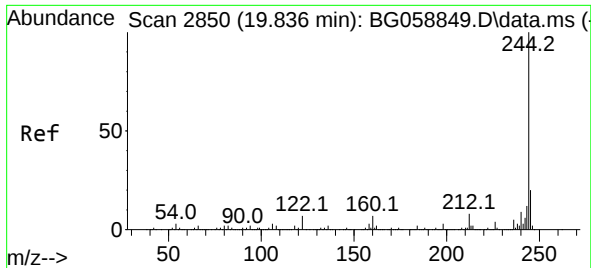
Tgt Ion:188 Resp: 133583
Ion Ratio Lower Upper
188 100
94 6.2 6.1 9.1
80 7.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.021 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

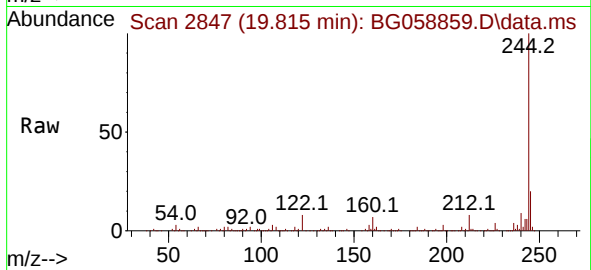
Tgt Ion:240 Resp: 132828
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 25.4 20.5 30.7



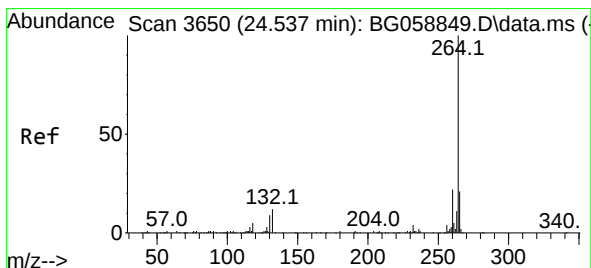
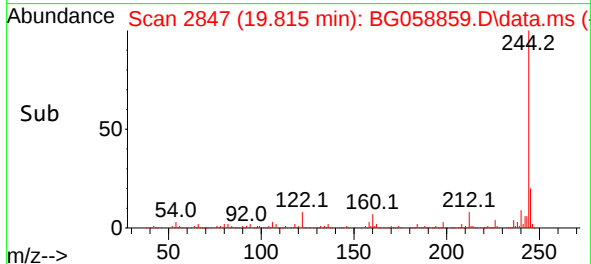
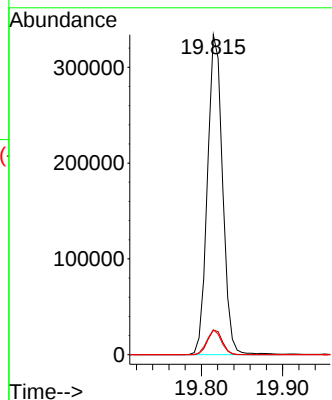


#79
Terphenyl-d14
Concen: 58.239 ng
RT: 19.815 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

Instrument :
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Tgt Ion:244 Resp: 430824
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.8 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.503 min Scan# 3645
Delta R.T. -0.033 min
Lab File: BG058859.D
Acq: 25 Aug 2023 21:27

Tgt Ion:264 Resp: 160487
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.2
265 21.7 16.4 24.6

