

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058727.D
 Acq On : 15 Aug 2023 11:33
 Operator : MA/JU
 Sample : 03973-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Quant Time: Aug 15 12:09:03 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	7.808	152	38748	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	148966	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	122505	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	272077	20.000	ng	0.00
76) Chrysene-d12	21.445	240	286396	20.000	ng	0.00
86) Perylene-d12	24.518	264	366582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	224589	88.592	ng	0.00
7) Phenol-d6	6.979	99	293424	83.180	ng	0.00
23) Nitrobenzene-d5	8.971	82	171799	56.655	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	152611	76.004	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	364481	44.587	ng	0.00
79) Terphenyl-d14	19.823	244	655544	43.044	ng	0.00

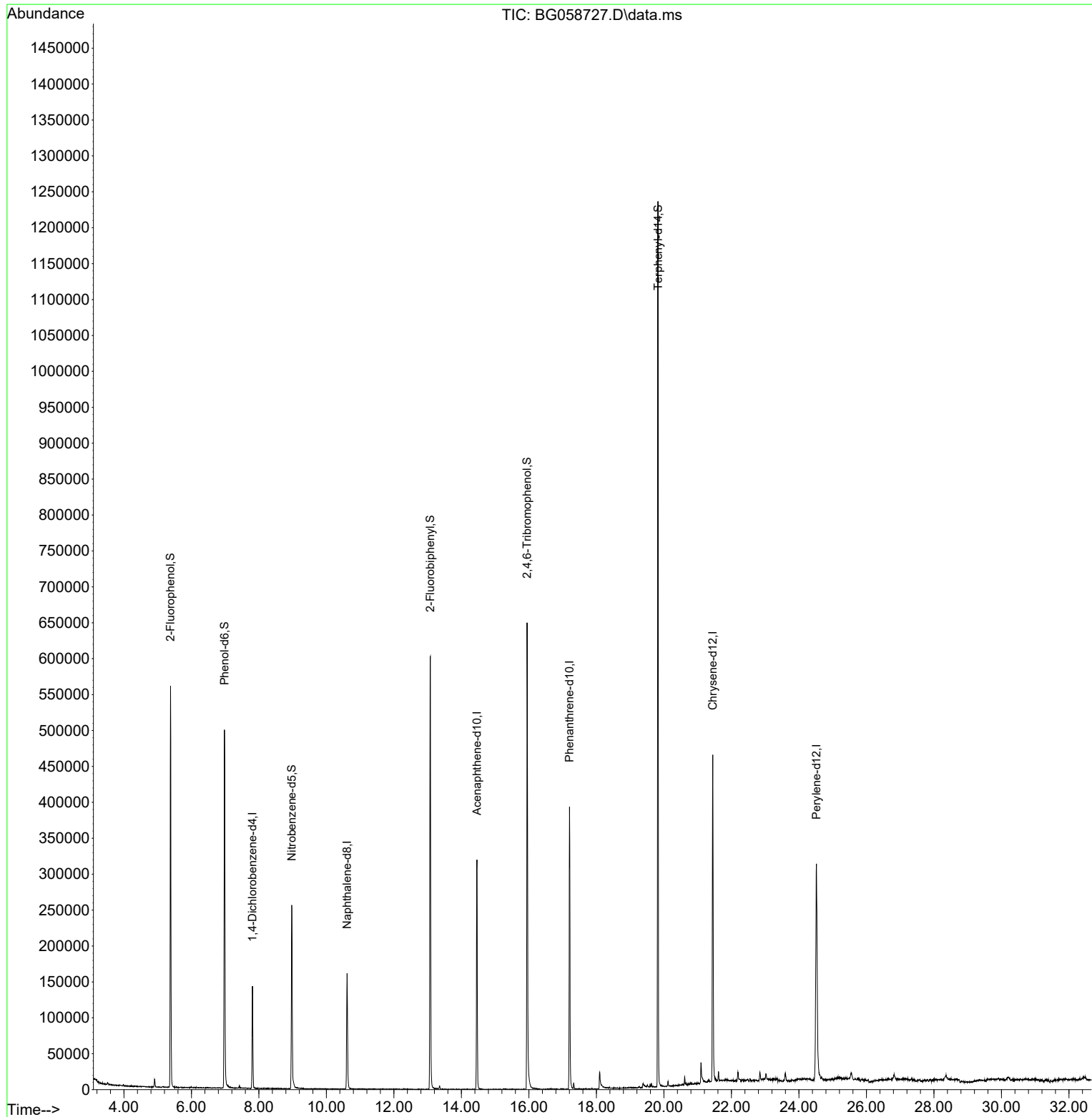
Target Compounds	Qvalue

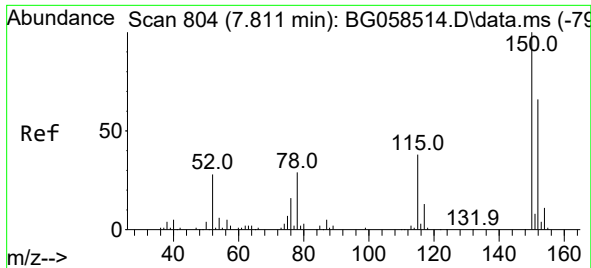
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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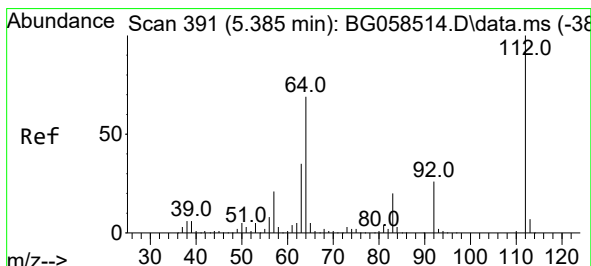
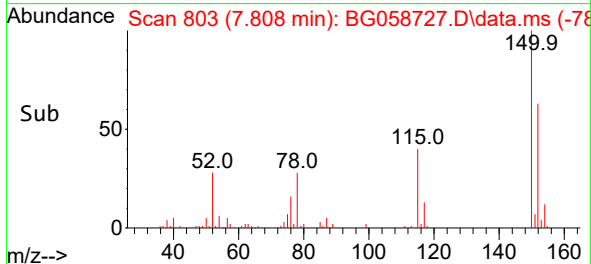
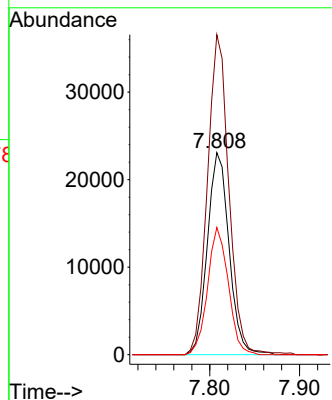
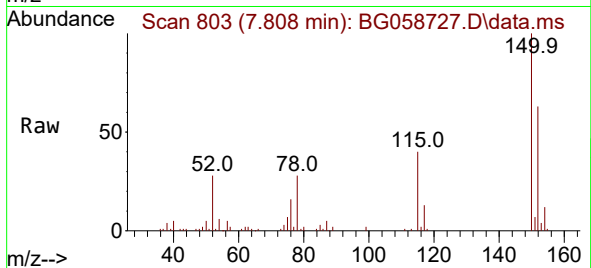




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

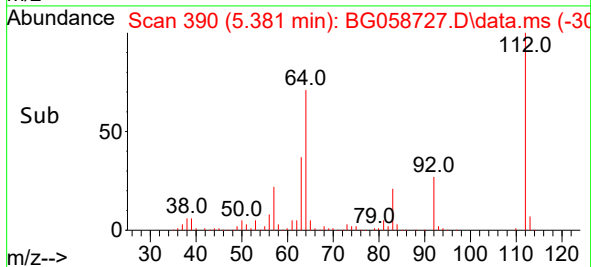
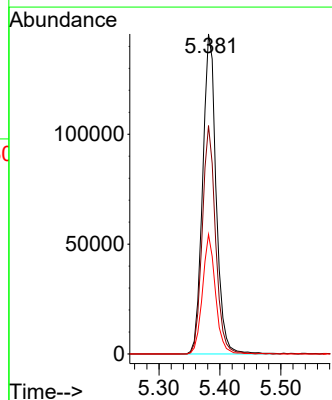
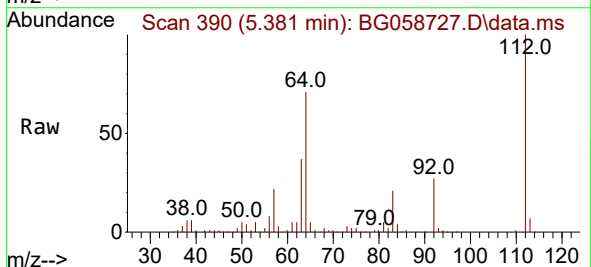
Instrument :
BNA_G
ClientSampleId :
SB-03-COMP

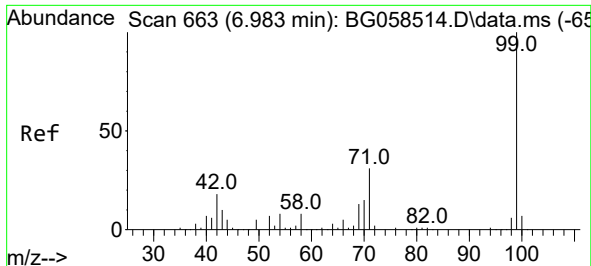
Tgt Ion:152 Resp: 38748
Ion Ratio Lower Upper
152 100
150 158.4 120.5 180.7
115 62.9 45.9 68.9



#5
2-Fluorophenol
Concen: 88.592 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:112 Resp: 224589
Ion Ratio Lower Upper
112 100
64 71.4 55.3 82.9
63 37.4 28.3 42.5

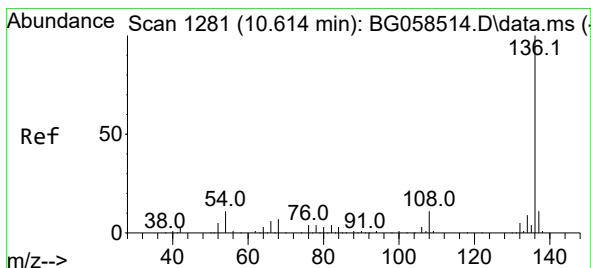
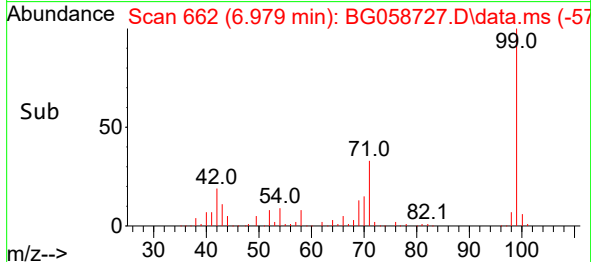
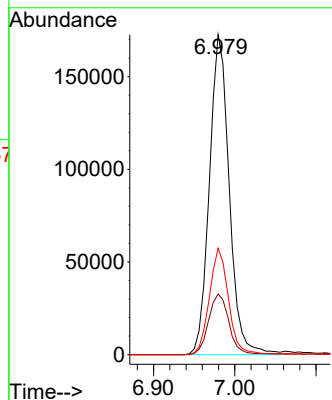
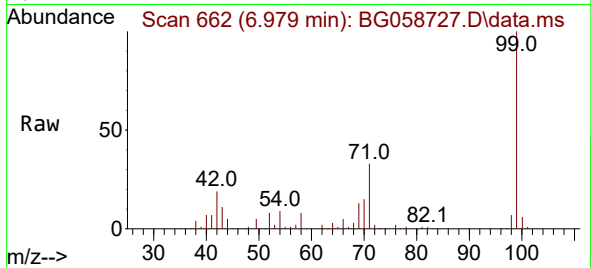




#7
Phenol-d6
Concen: 83.180 ng
RT: 6.979 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

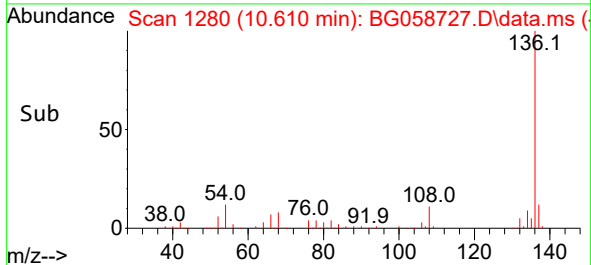
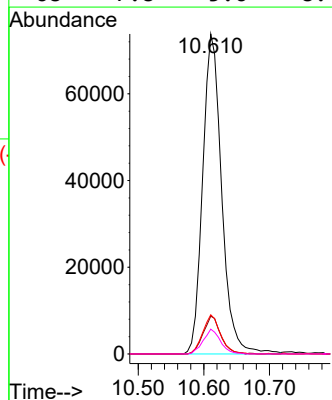
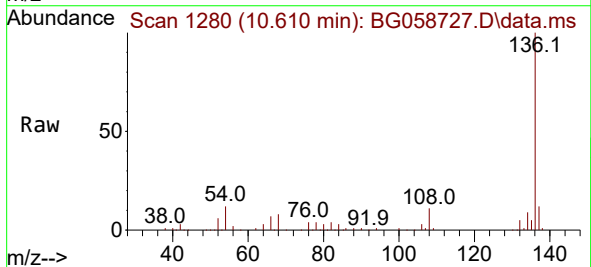
Instrument :
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ClientSampleId :
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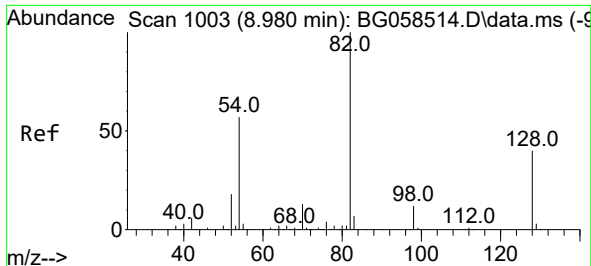
Tgt Ion: 99 Resp: 293424
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 33.3 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion: 136 Resp: 148966
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 12.3 8.9 13.3
68 7.8 5.6 8.4





#23
Nitrobenzene-d5
Concen: 56.655 ng
RT: 8.971 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

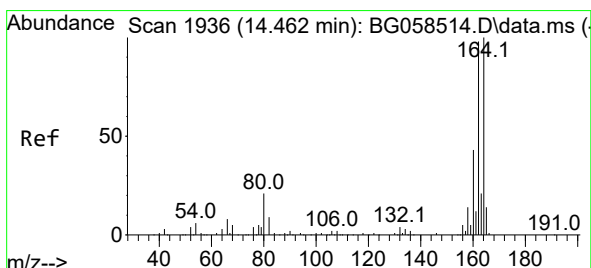
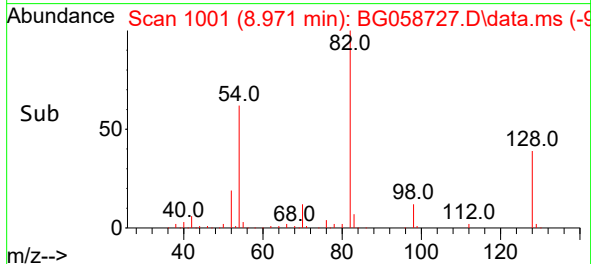
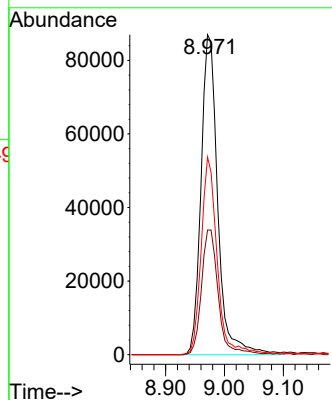
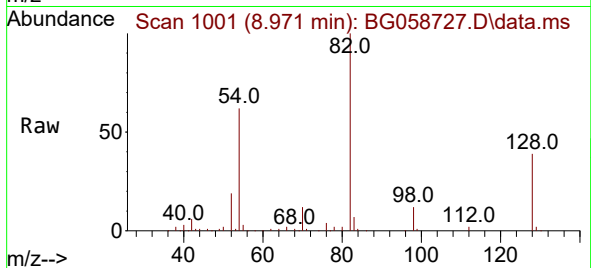
Instrument :

BNA_G

ClientSampleId :

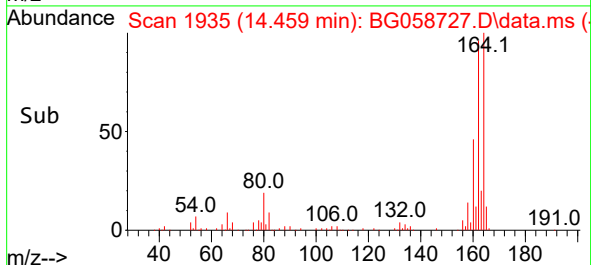
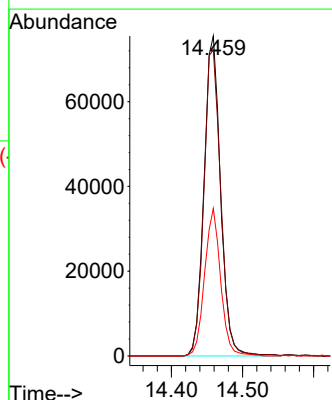
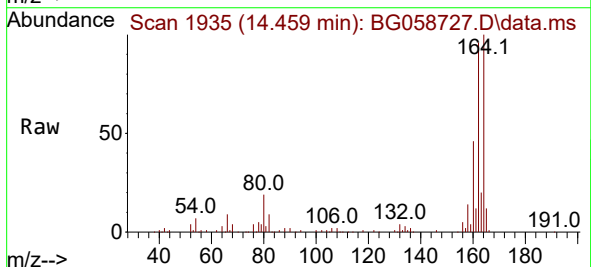
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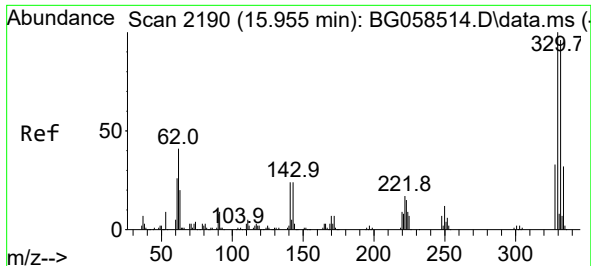
Tgt Ion: 82 Resp: 171799
Ion Ratio Lower Upper
82 100
128 38.9 32.2 48.2
54 61.7 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:164 Resp: 122505
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 46.1 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 76.004 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG058727.D

Acq: 15 Aug 2023 11:33

Instrument :

BNA_G

ClientSampleId :

SB-03-COMP

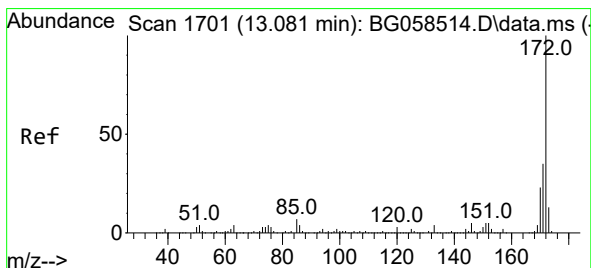
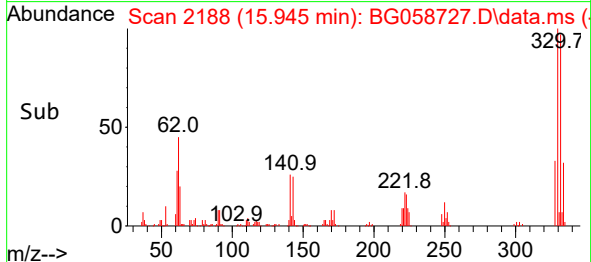
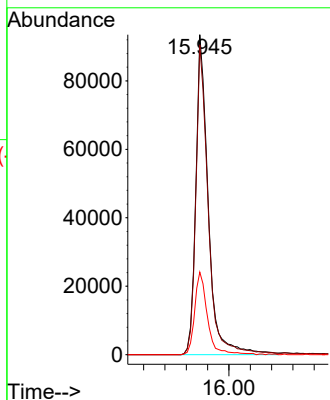
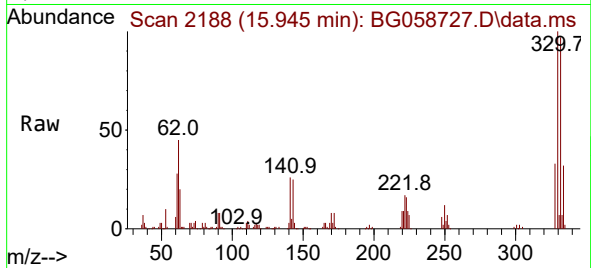
Tgt Ion:330 Resp: 152611

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 26.2 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 44.587 ng

RT: 13.078 min Scan# 1700

Delta R.T. -0.003 min

Lab File: BG058727.D

Acq: 15 Aug 2023 11:33

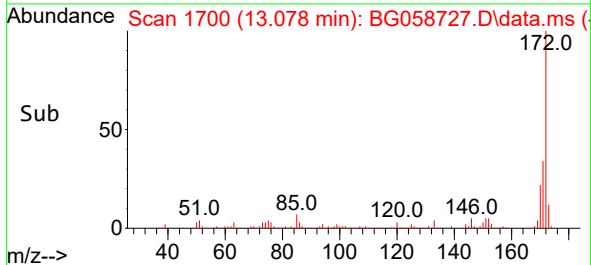
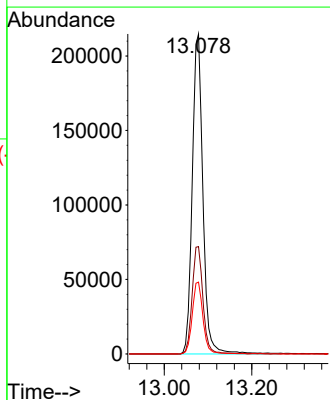
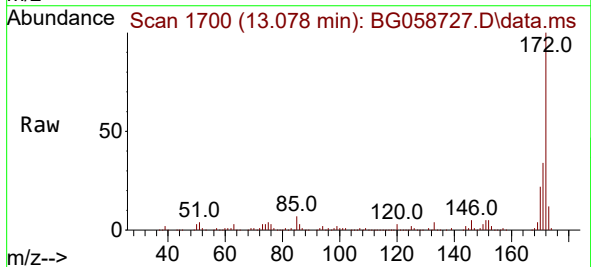
Tgt Ion:172 Resp: 364481

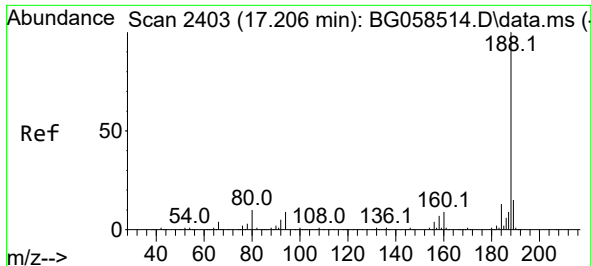
Ion Ratio Lower Upper

172 100

171 33.5 28.0 42.0

170 22.5 18.4 27.6

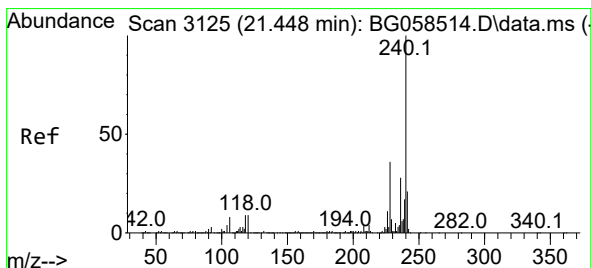
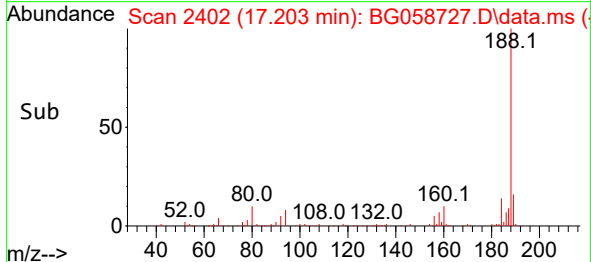
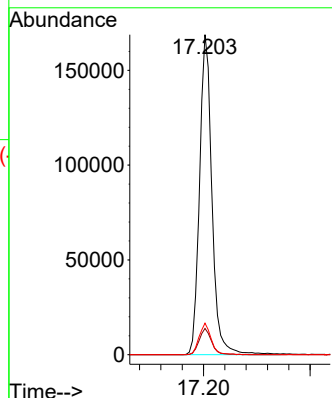
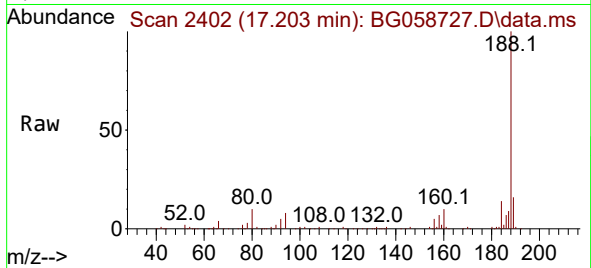




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

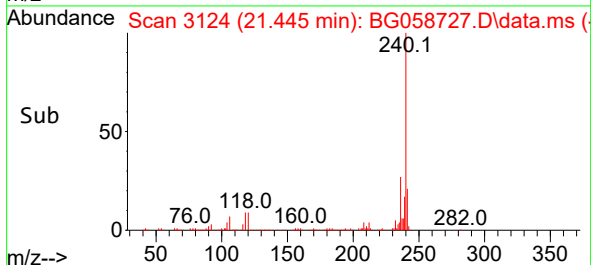
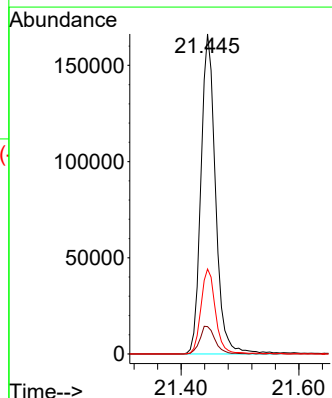
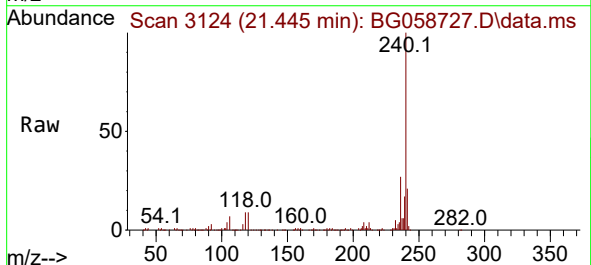
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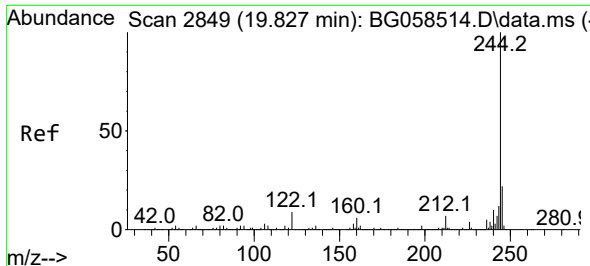
Tgt Ion:188 Resp: 272077
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058727.D
Acq: 15 Aug 2023 11:33

Tgt Ion:240 Resp: 286396
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 26.6 22.2 33.4

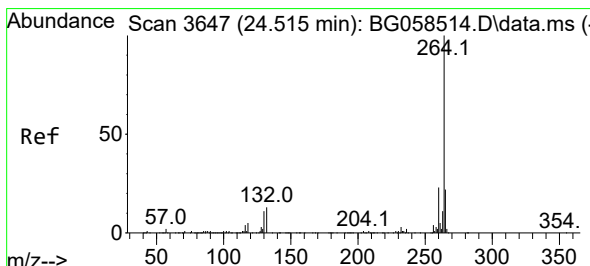
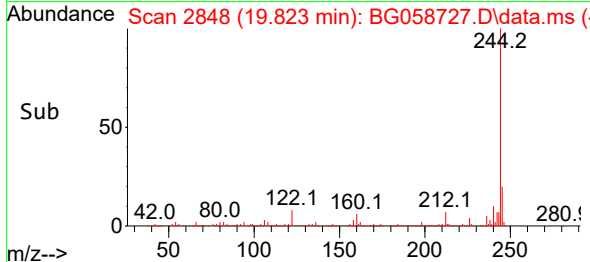
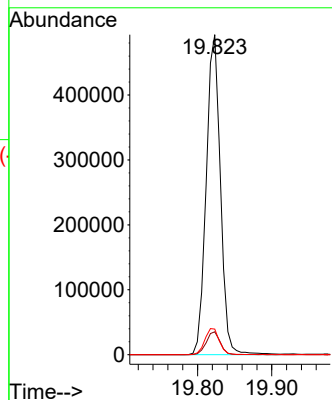
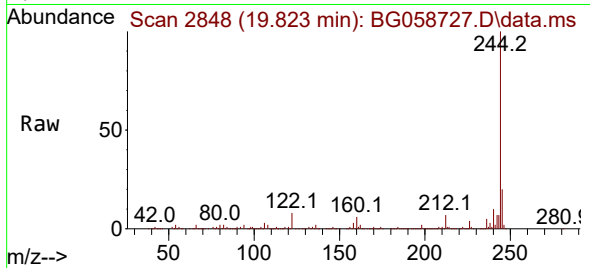




#79
 Terphenyl-d14
 Concen: 43.044 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058727.D
 Acq: 15 Aug 2023 11:33

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-COMP

Tgt Ion:244 Resp: 655544
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.0 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.518 min Scan# 3647
 Delta R.T. 0.003 min
 Lab File: BG058727.D
 Acq: 15 Aug 2023 11:33

Tgt Ion:264 Resp: 366582
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.4 27.6
 265 22.4 17.9 26.9

