

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081523\
 Data File : BG058733.D
 Acq On : 15 Aug 2023 15:40
 Operator : MA/JU
 Sample : 04016-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP15B

Quant Time: Aug 15 16:26:00 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	38595	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	166485	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	120856	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	281685	20.000	ng	0.00
76) Chrysene-d12	21.443	240	241306	20.000	ng	0.00
86) Perylene-d12	24.522	264	293033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	174574	69.136	ng	0.00
7) Phenol-d6	6.983	99	253336	72.101	ng	0.00
23) Nitrobenzene-d5	8.975	82	152751	45.073	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	125256	63.231	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	392014	48.609	ng	0.00
79) Terphenyl-d14	19.821	244	679607	52.963	ng	0.00

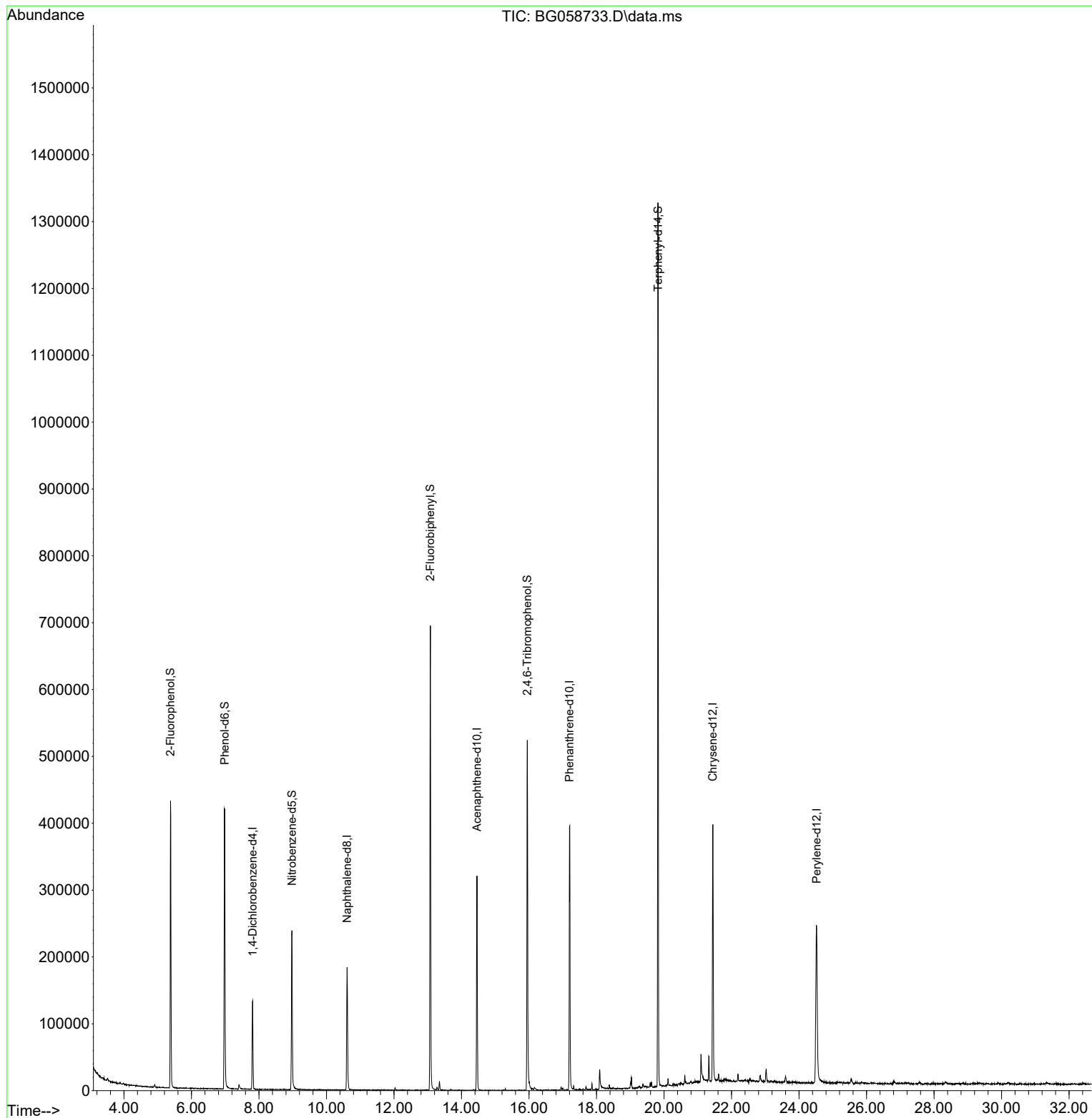
Target Compounds	Qvalue

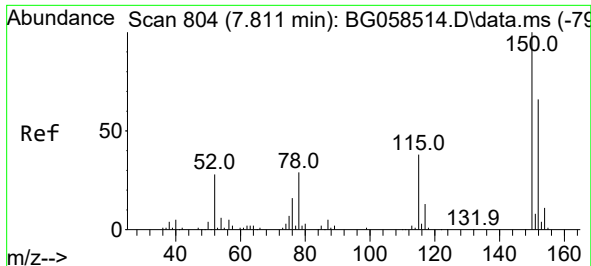
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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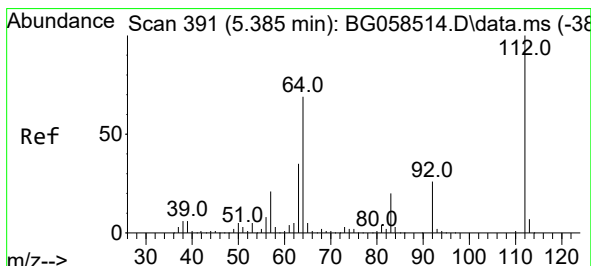
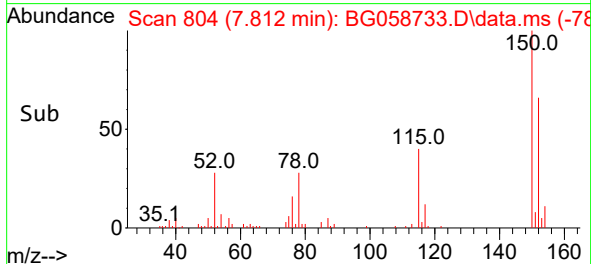
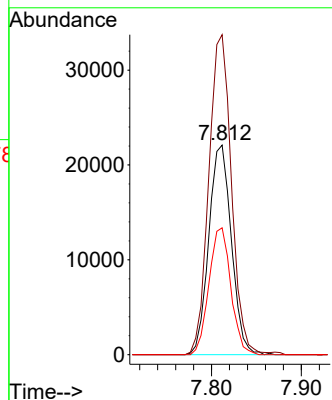
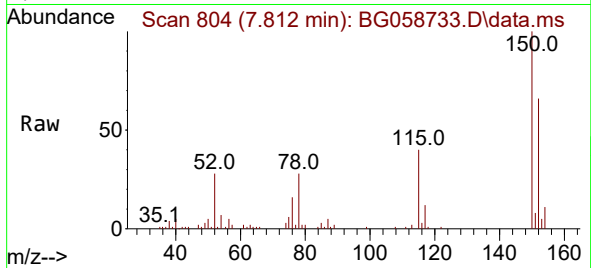




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

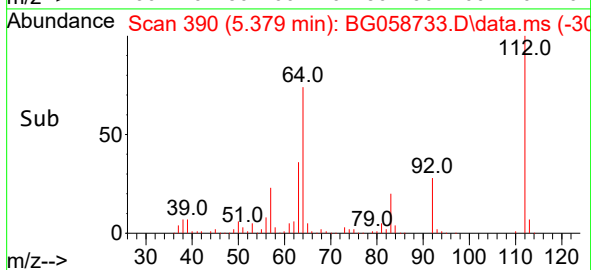
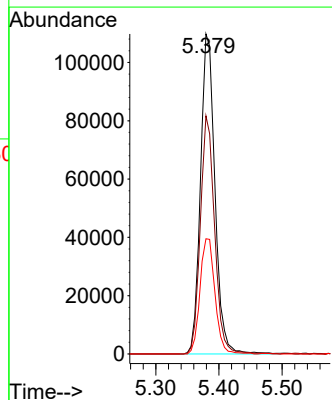
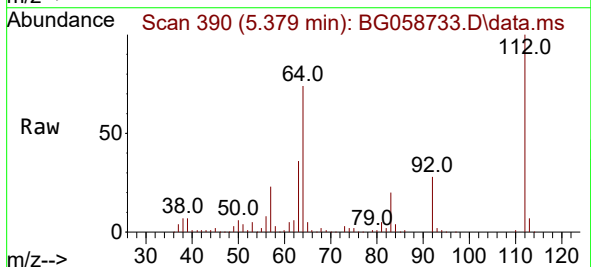
Instrument :
BNA_G
ClientSampleId :
B-PP15B

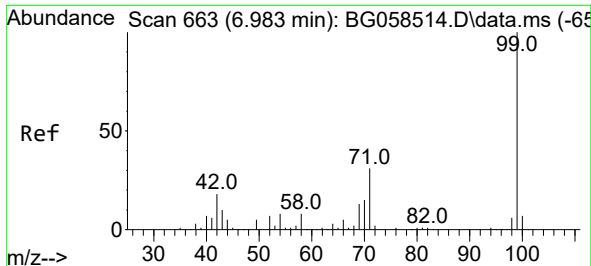
Tgt Ion:152 Resp: 38595
Ion Ratio Lower Upper
152 100
150 152.6 120.5 180.7
115 60.5 45.9 68.9



#5
2-Fluorophenol
Concen: 69.136 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion:112 Resp: 174574
Ion Ratio Lower Upper
112 100
64 74.4 55.3 82.9
63 36.0 28.3 42.5

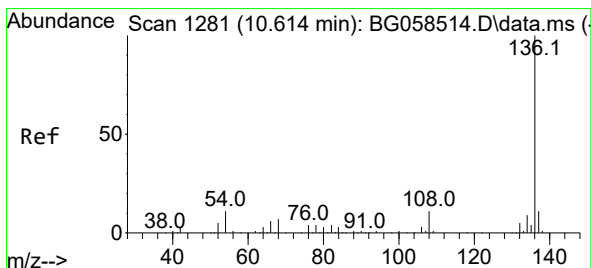
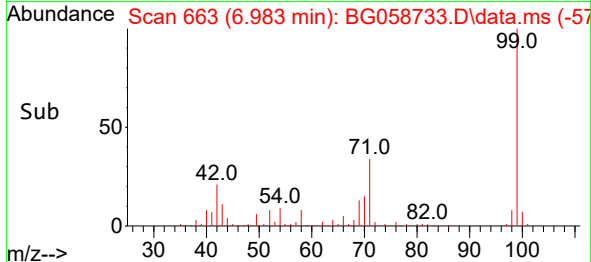
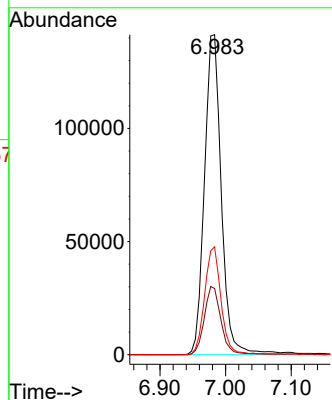
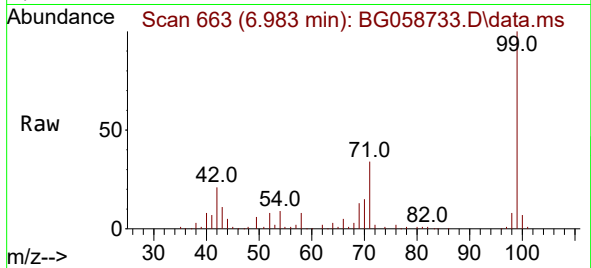




#7
Phenol-d6
Concen: 72.101 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

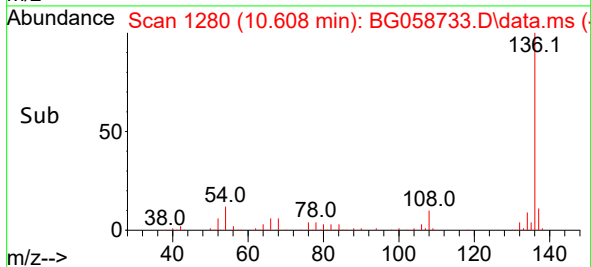
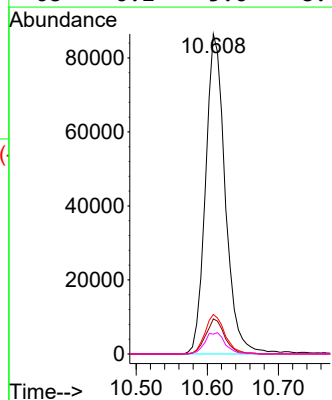
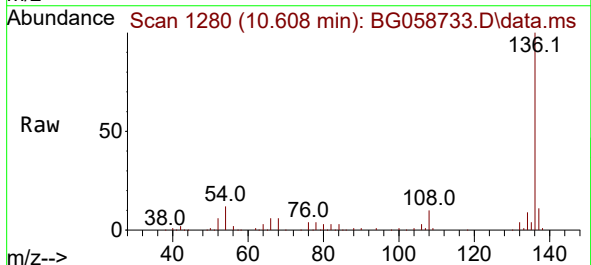
Instrument :
BNA_G
ClientSampleId :
B-PP15B

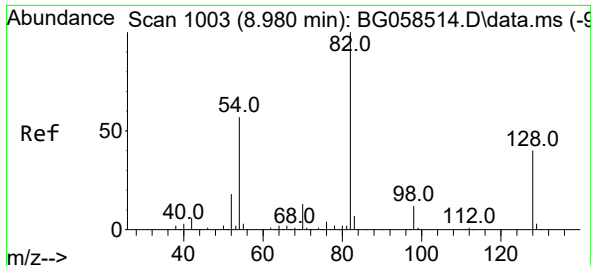
Tgt Ion: 99 Resp: 253336
Ion Ratio Lower Upper
99 100
42 20.7 14.6 21.8
71 33.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion: 136 Resp: 166485
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.4 8.9 13.3
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 45.073 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.005 min

Lab File: BG058733.D

Acq: 15 Aug 2023 15:40

Instrument :

BNA_G

ClientSampleId :

B-PP15B

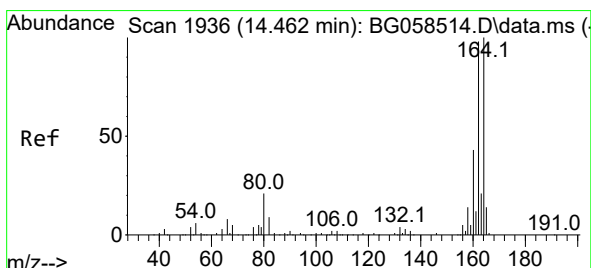
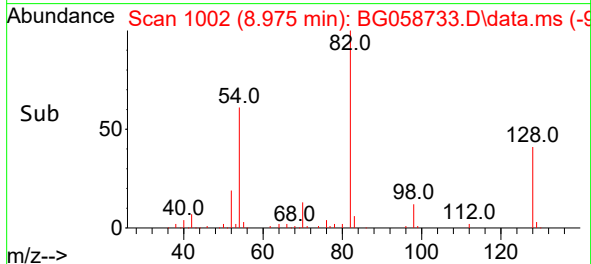
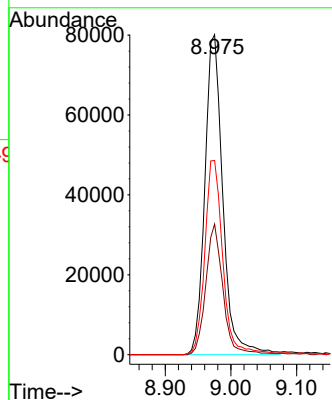
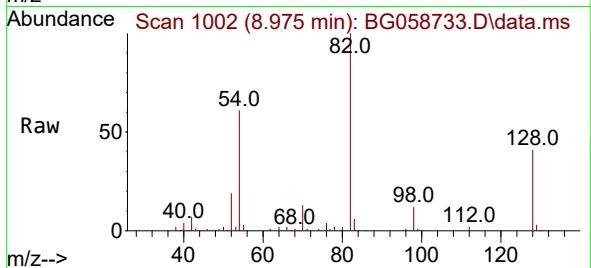
Tgt Ion: 82 Resp: 152751

Ion Ratio Lower Upper

82 100

128 40.8 32.2 48.2

54 60.7 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG058733.D

Acq: 15 Aug 2023 15:40

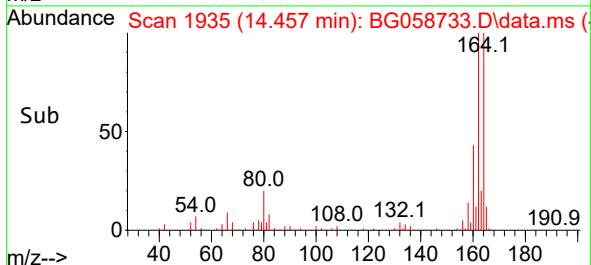
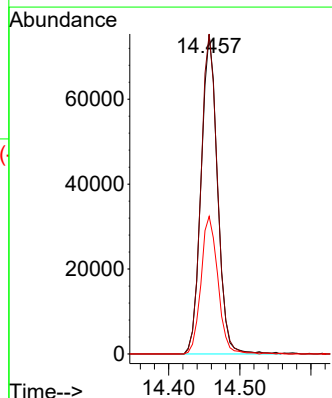
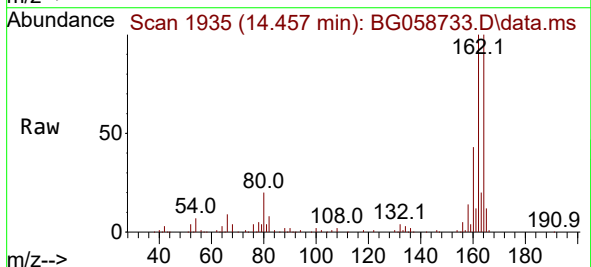
Tgt Ion:164 Resp: 120856

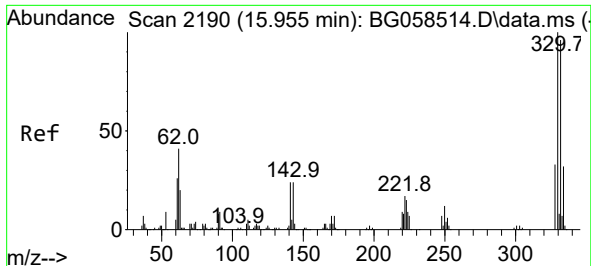
Ion Ratio Lower Upper

164 100

162 100.2 78.3 117.5

160 43.1 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 63.231 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058733.D

Acq: 15 Aug 2023 15:40

Instrument :

BNA_G

ClientSampleId :

B-PP15B

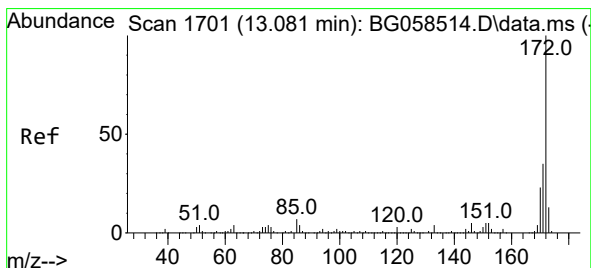
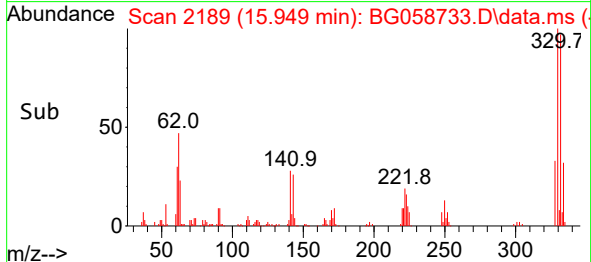
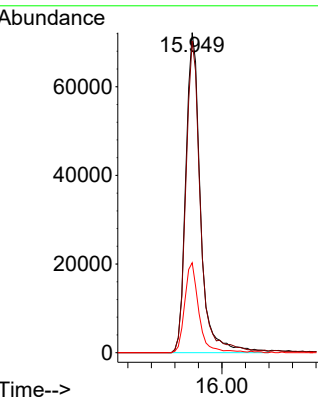
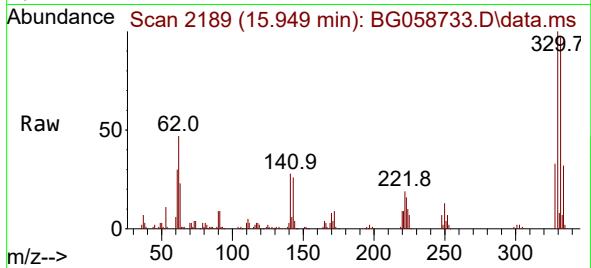
Tgt Ion:330 Resp: 125256

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 27.0 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 48.609 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.005 min

Lab File: BG058733.D

Acq: 15 Aug 2023 15:40

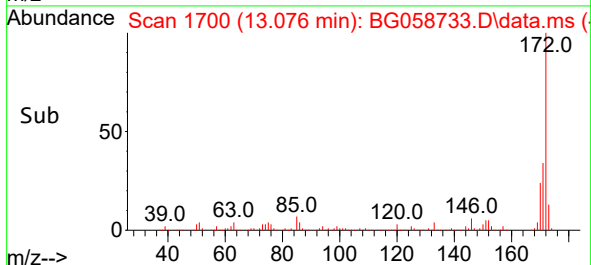
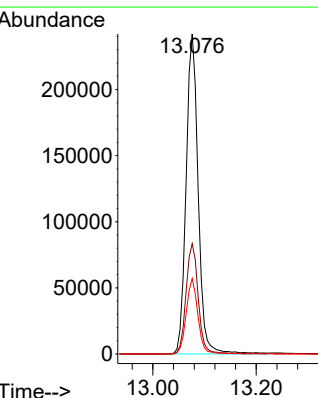
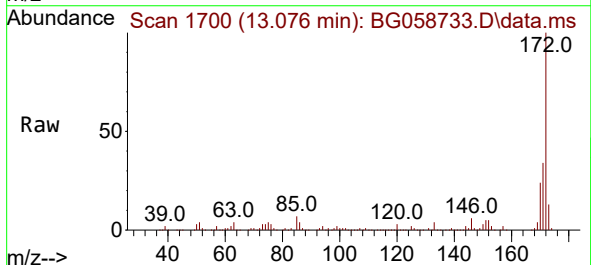
Tgt Ion:172 Resp: 392014

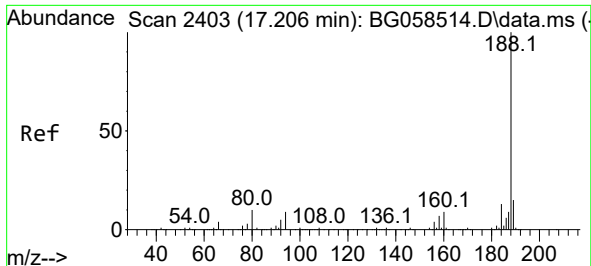
Ion Ratio Lower Upper

172 100

171 34.4 28.0 42.0

170 23.5 18.4 27.6

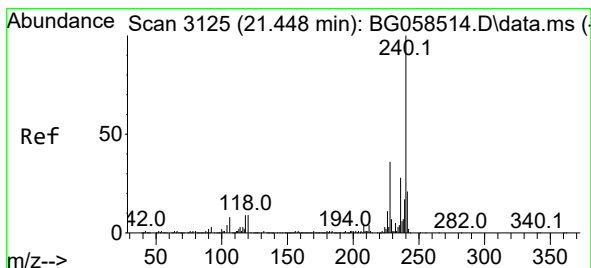
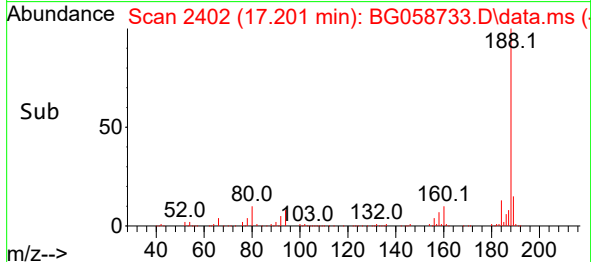
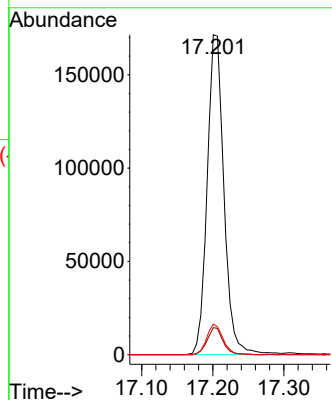
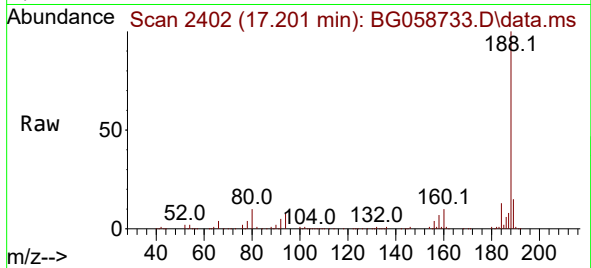




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

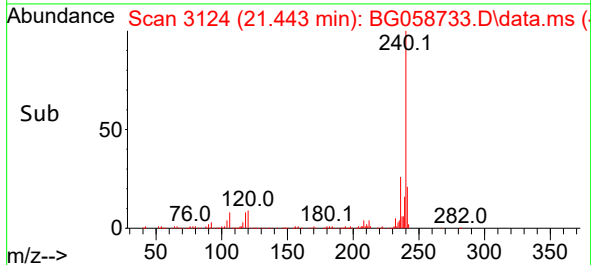
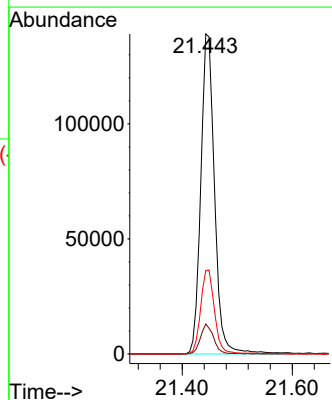
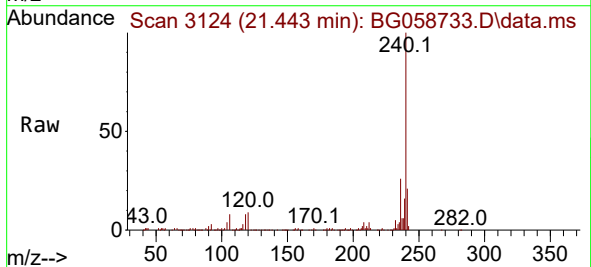
Instrument :
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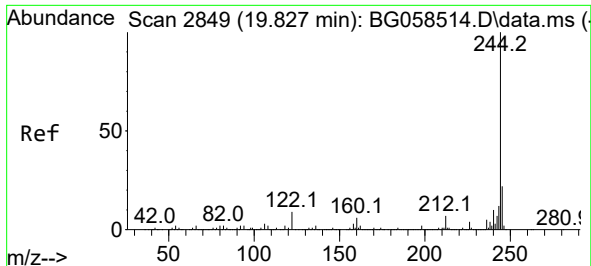
Tgt Ion:188 Resp: 281685
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.005 min
Lab File: BG058733.D
Acq: 15 Aug 2023 15:40

Tgt Ion:240 Resp: 241306
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 26.1 22.2 33.4

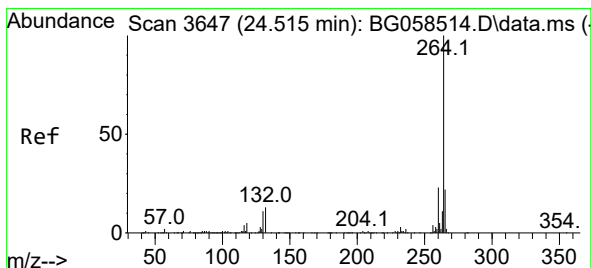
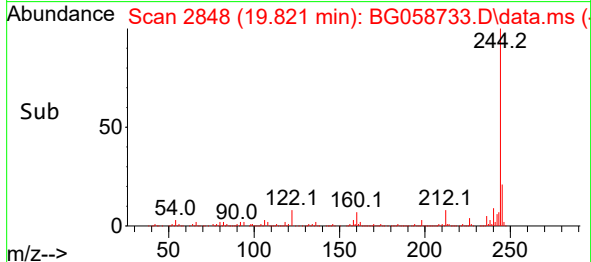
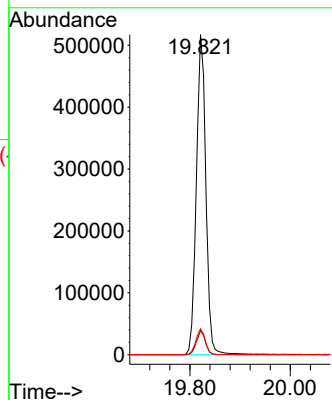
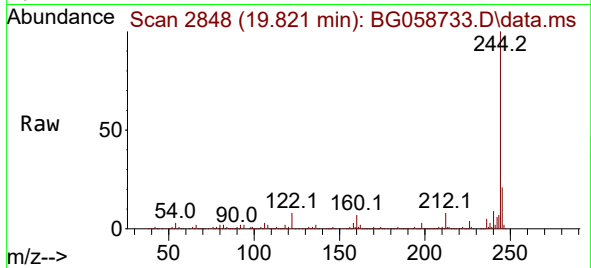




#79
 Terphenyl-d14
 Concen: 52.963 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG058733.D
 Acq: 15 Aug 2023 15:40

Instrument :
 BNA_G
 ClientSampleId :
 B-PP15B

Tgt Ion:244 Resp: 679607
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 3648
 Delta R.T. 0.006 min
 Lab File: BG058733.D
 Acq: 15 Aug 2023 15:40

Tgt Ion:264 Resp: 293033
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.1 17.9 26.9

