

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058833.D
 Acq On : 24 Aug 2023 11:05
 Operator : MA/JU
 Sample : PB155001BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155001BL

Quant Time: Aug 24 11:37:58 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	18416	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	73687	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	53683	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	144319	20.000	ng	0.00
76) Chrysene-d12	21.448	240	141534	20.000	ng	0.00
86) Perylene-d12	24.521	264	172028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	148934	130.144	ng	0.00
7) Phenol-d6	6.983	99	197254	122.855	ng	0.00
23) Nitrobenzene-d5	8.975	82	121093	79.008	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	106993	127.109	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	295953	80.184	ng	0.00
79) Terphenyl-d14	19.821	244	678201	86.041	ng	0.00

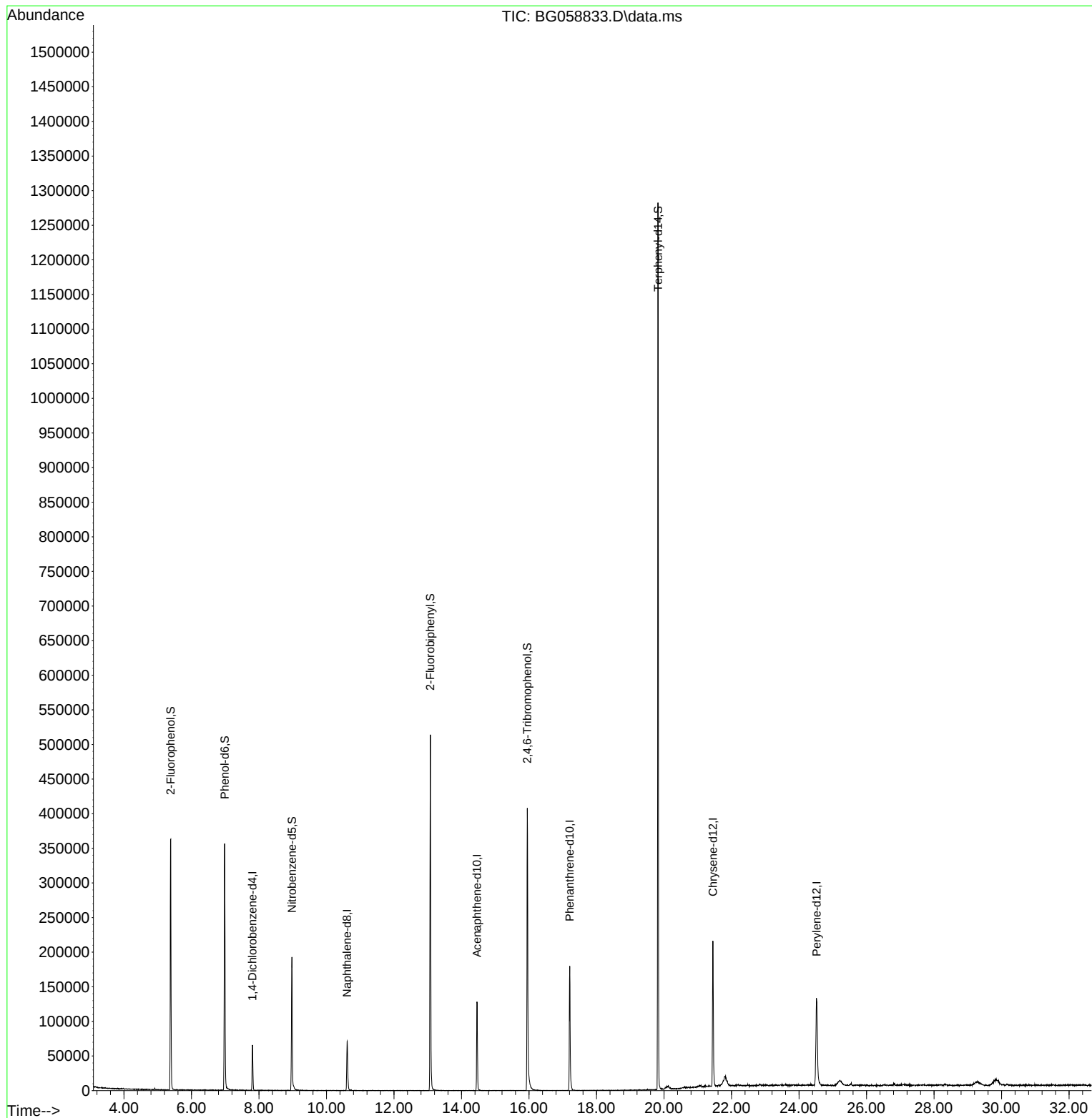
Target Compounds	Qvalue

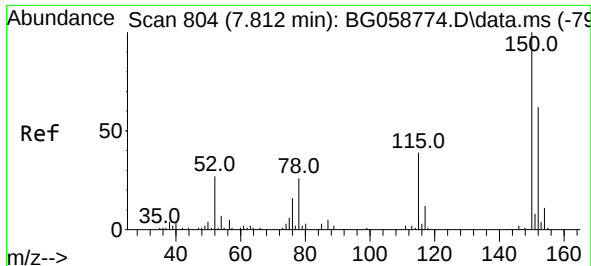
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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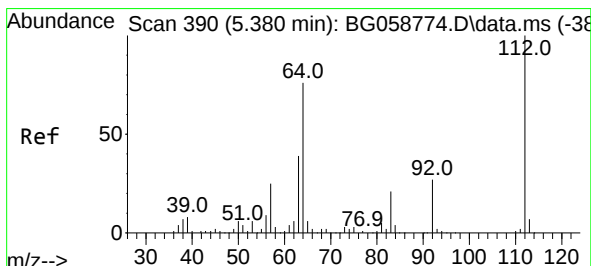
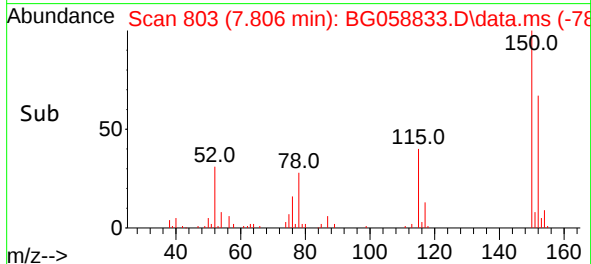
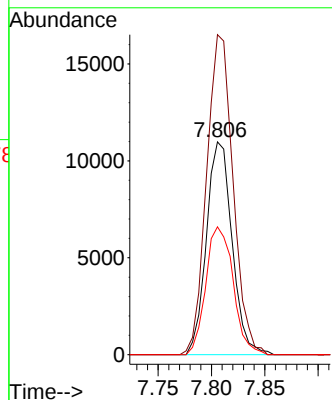
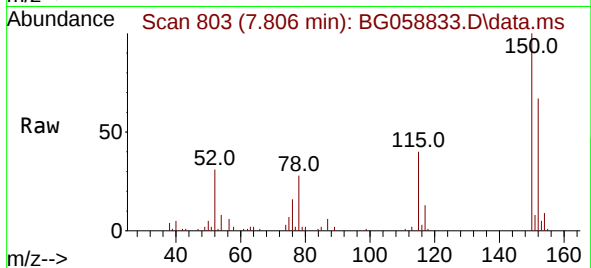




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

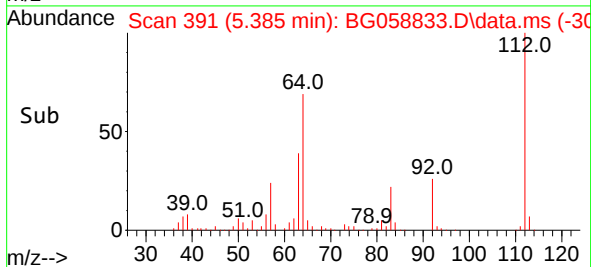
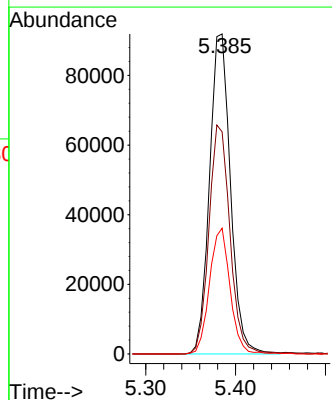
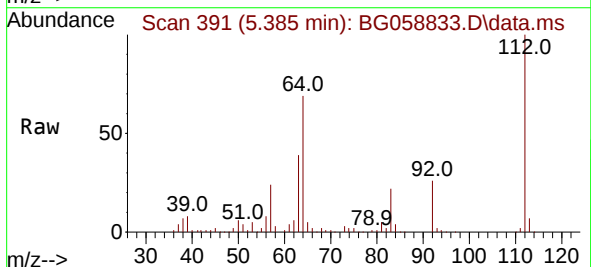
Instrument :
BNA_G
ClientSampleId :
PB155001BL

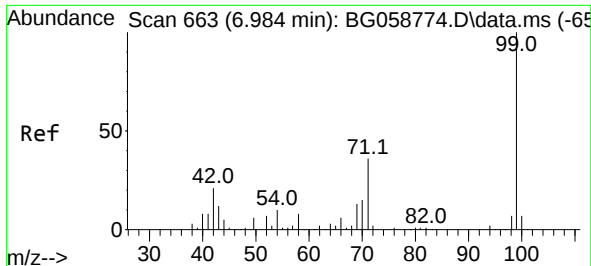
Tgt Ion:152 Resp: 18416
Ion Ratio Lower Upper
152 100
150 150.4 128.6 192.8
115 60.1 50.4 75.6



#5
2-Fluorophenol
Concen: 130.144 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:112 Resp: 148934
Ion Ratio Lower Upper
112 100
64 69.4 60.6 90.8
63 39.3 31.0 46.4

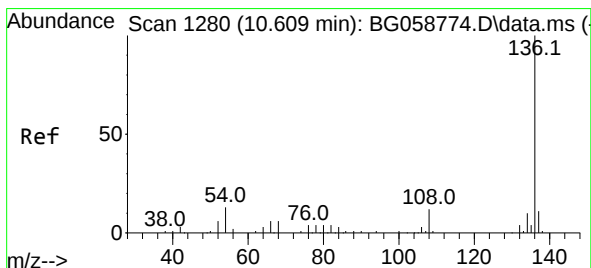
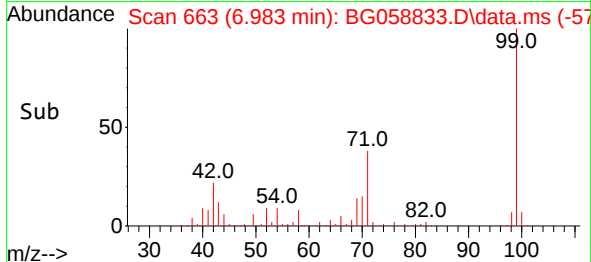
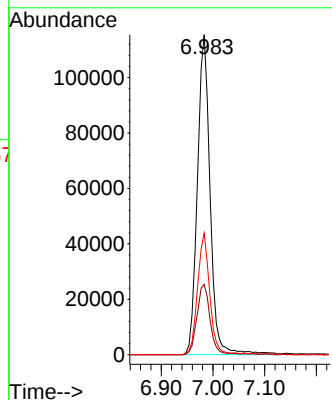
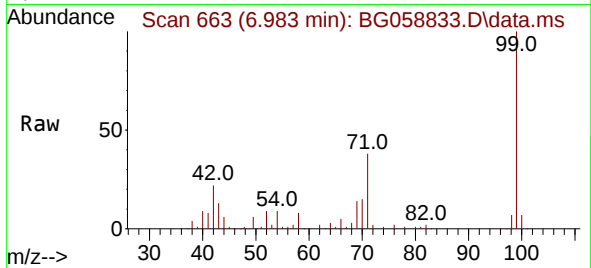




#7
Phenol-d6
Concen: 122.855 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

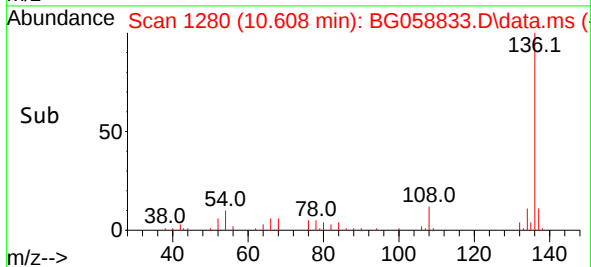
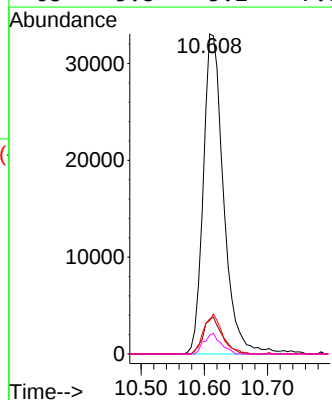
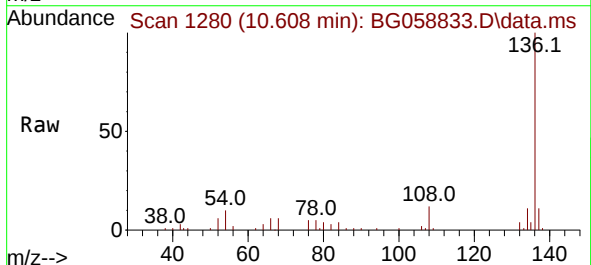
Instrument :
BNA_G
ClientSampleId :
PB155001BL

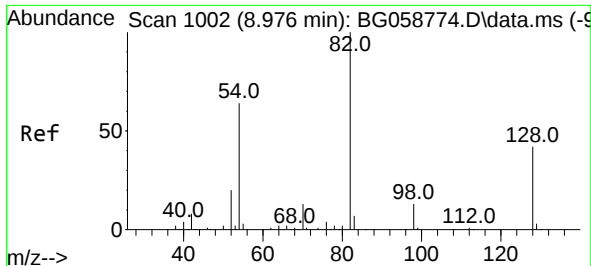
Tgt Ion: 99 Resp: 197254
Ion Ratio Lower Upper
99 100
42 21.9 16.5 24.7
71 38.0 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion: 136 Resp: 73687
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.3 10.1 15.1
68 5.8 5.2 7.8





#23
Nitrobenzene-d5
Concen: 79.008 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

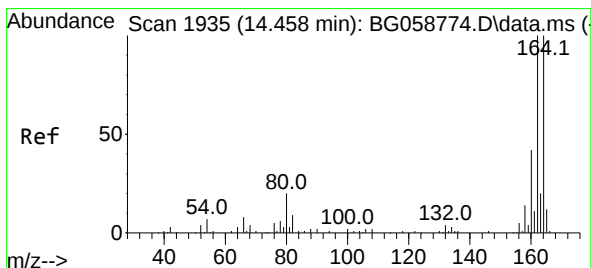
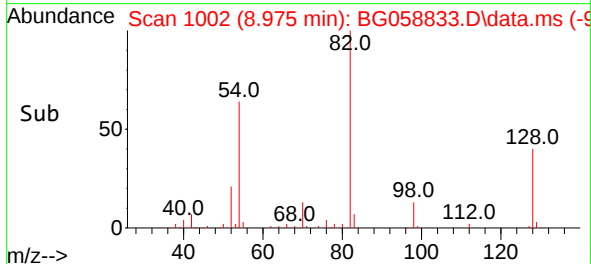
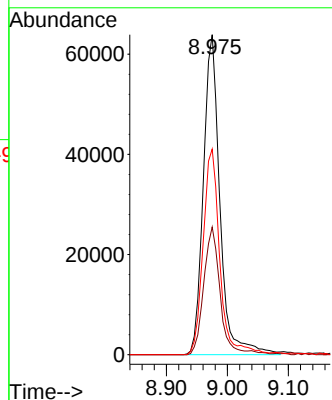
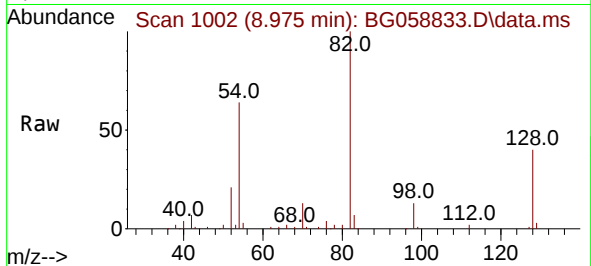
Instrument :

BNA_G

ClientSampleId :

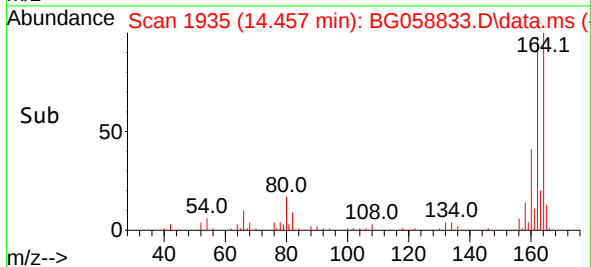
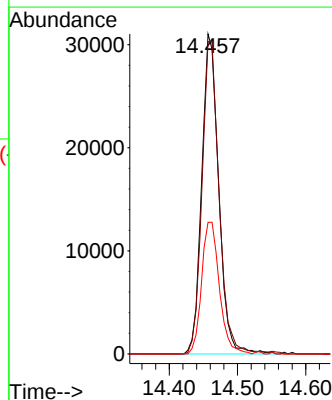
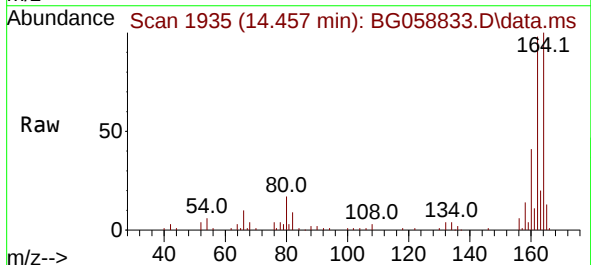
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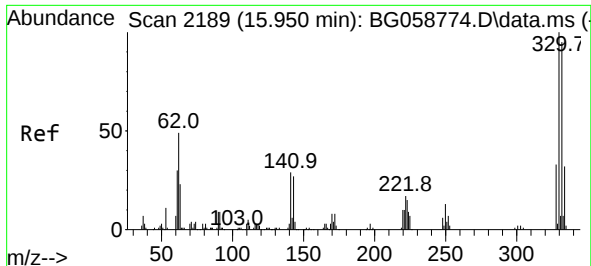
Tgt Ion: 82 Resp: 121093
Ion Ratio Lower Upper
82 100
128 39.9 33.2 49.8
54 64.2 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:164 Resp: 53683
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 41.1 34.0 51.0

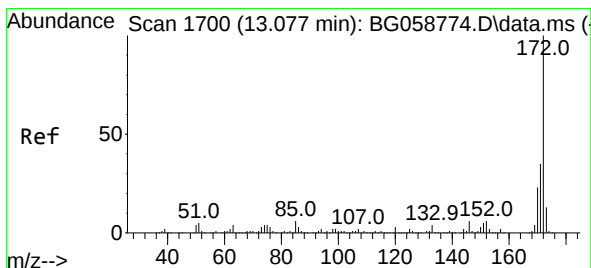
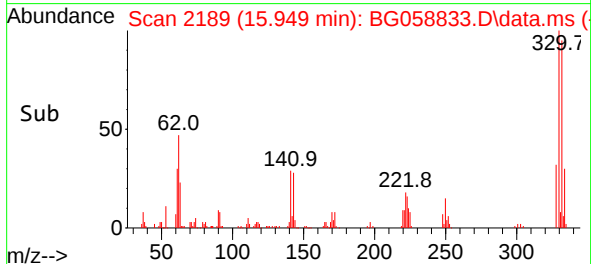
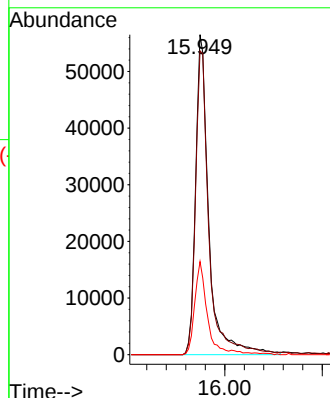
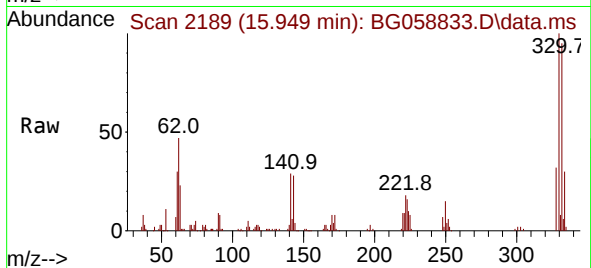




#42
2,4,6-Tribromophenol
Concen: 127.109 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

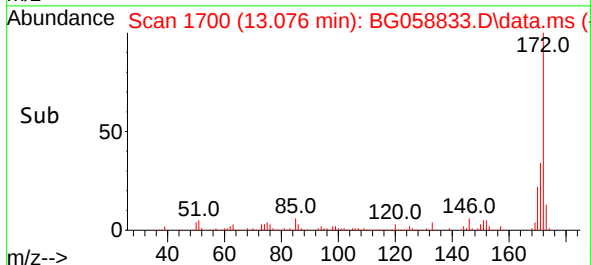
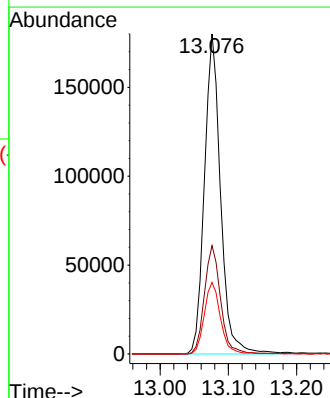
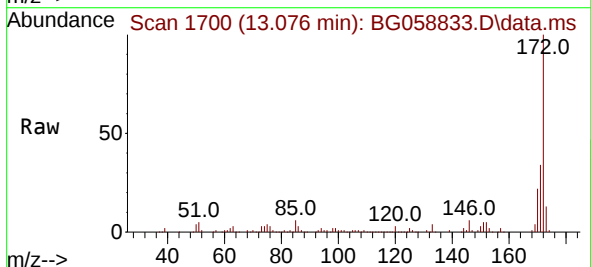
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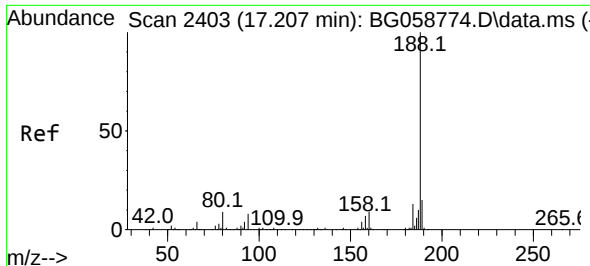
Tgt Ion:330 Resp: 106993
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 26.6 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 80.184 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:172 Resp: 295953
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.4 18.6 27.8

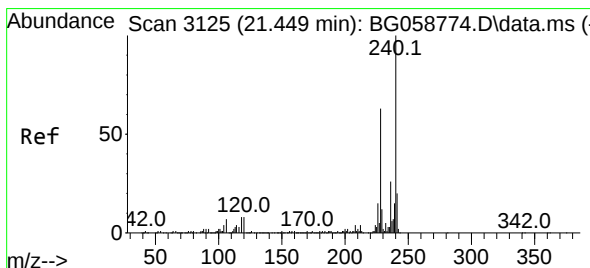
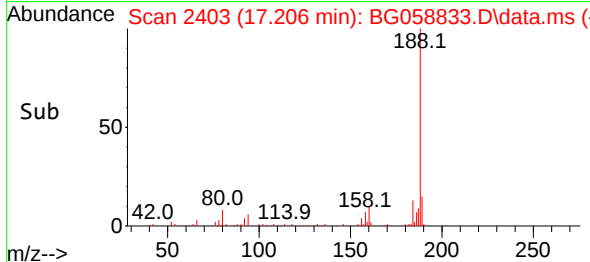
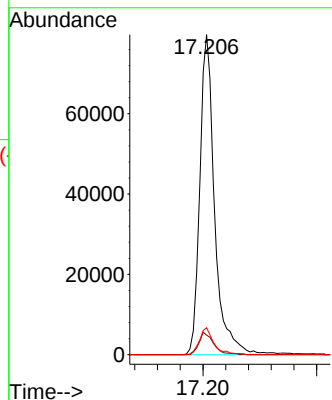
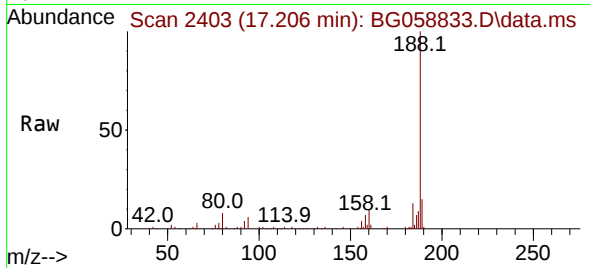




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

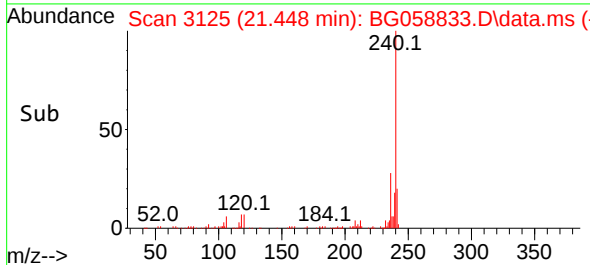
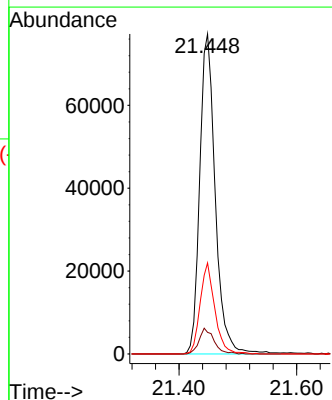
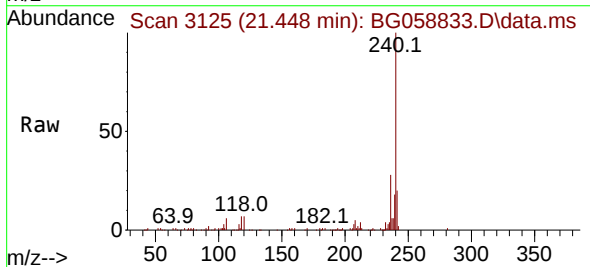
Instrument :
BNA_G
ClientSampleId :
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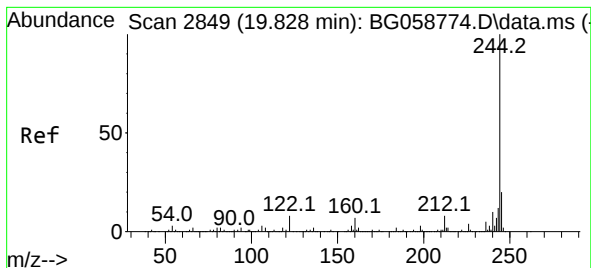
Tgt Ion:188 Resp: 144319
Ion Ratio Lower Upper
188 100
94 6.1 6.1 9.1
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058833.D
Acq: 24 Aug 2023 11:05

Tgt Ion:240 Resp: 141534
Ion Ratio Lower Upper
240 100
120 6.8 6.2 9.2
236 28.5 20.5 30.7





#79

Terphenyl-d14

Concen: 86.041 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG058833.D

Acq: 24 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB155001BL

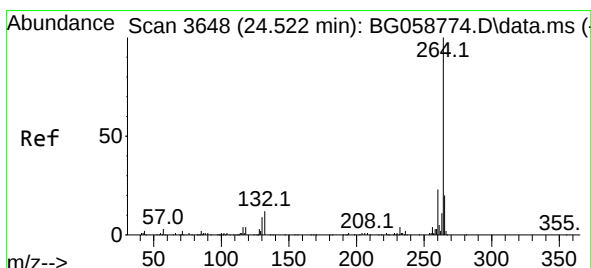
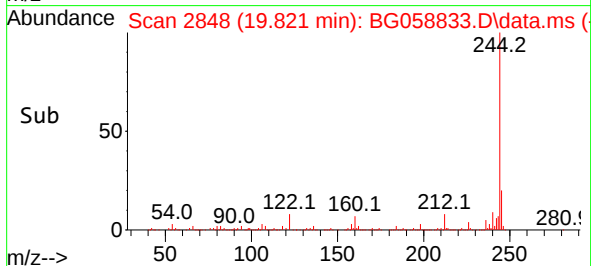
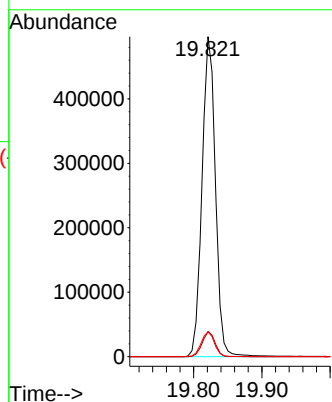
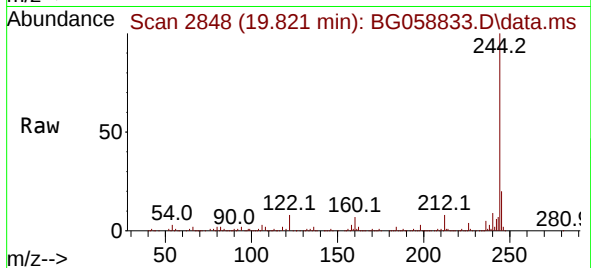
Tgt Ion:244 Resp: 678201

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: 24.521 min Scan# 3648

Delta R.T. -0.001 min

Lab File: BG058833.D

Acq: 24 Aug 2023 11:05

Tgt Ion:264 Resp: 172028

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 20.6 16.4 24.6

