

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058822.D
 Acq On : 23 Aug 2023 14:54
 Operator : MA/JU
 Sample : 04091-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Quant Time: Aug 23 15:26:08 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	7.805	152	17928	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	81269	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	67905	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	178924	20.000	ng	0.00
76) Chrysene-d12	21.448	240	155570	20.000	ng	0.00
86) Perylene-d12	24.521	264	187942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	105508	94.706	ng	0.00
7) Phenol-d6	6.977	99	149423	95.598	ng	0.00
23) Nitrobenzene-d5	8.975	82	86473	51.156	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	89252	83.825	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	214280	45.897	ng	0.00
79) Terphenyl-d14	19.821	244	421134	48.607	ng	0.00

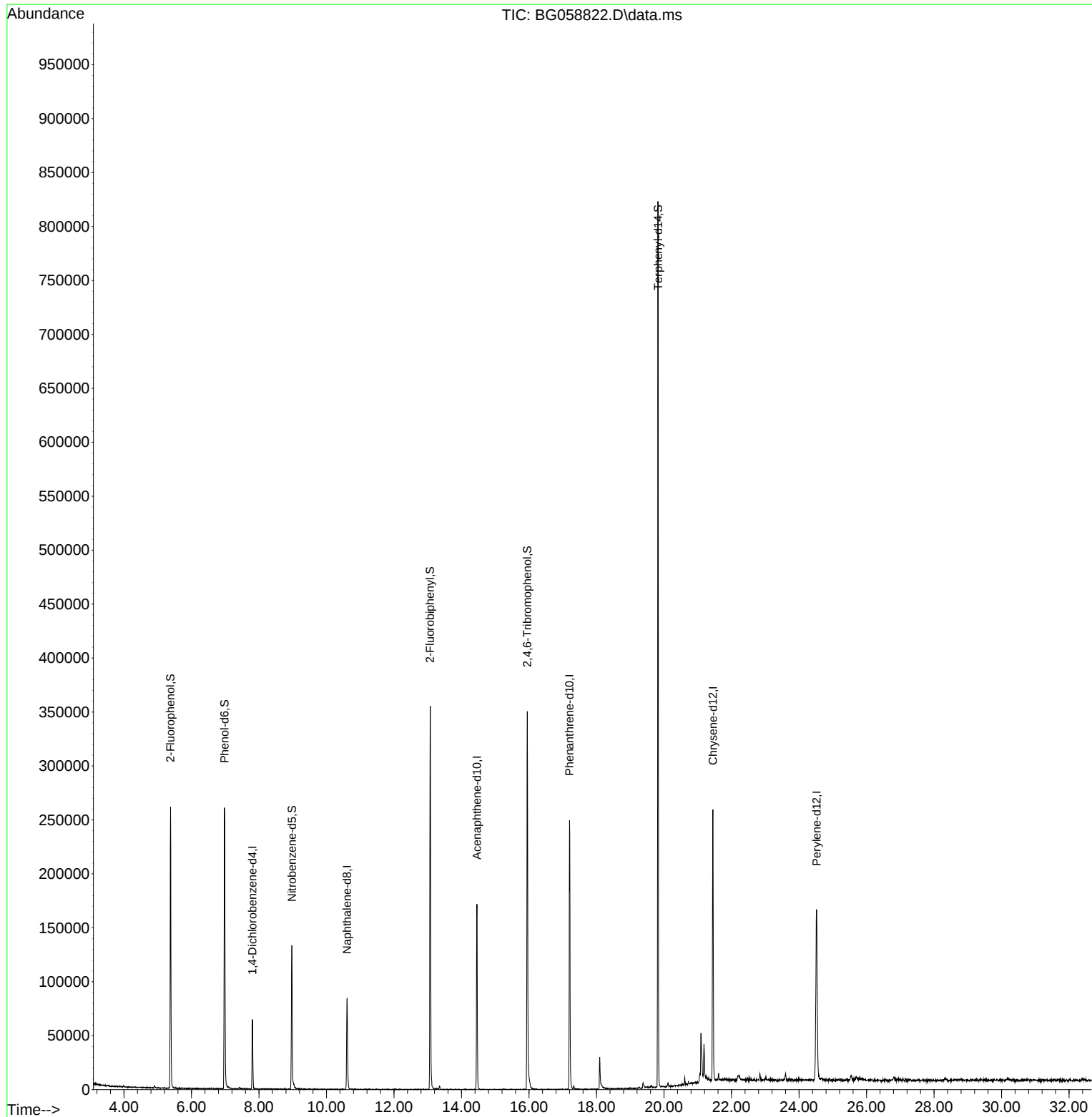
Target Compounds	Qvalue

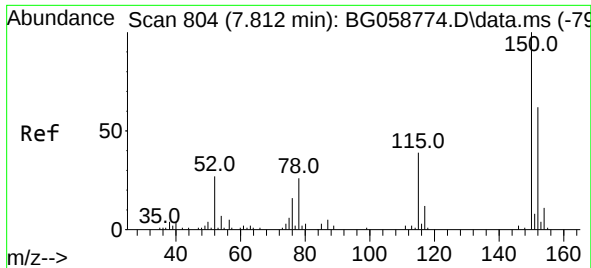
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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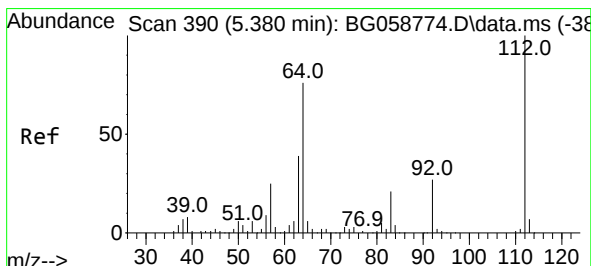
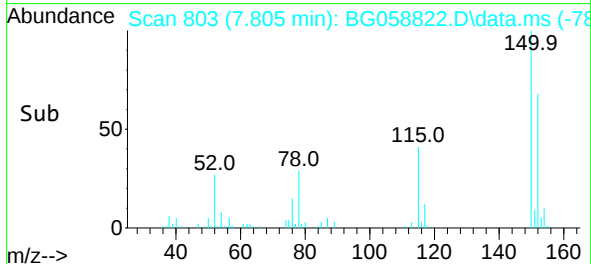
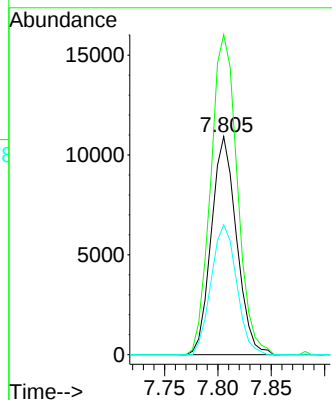
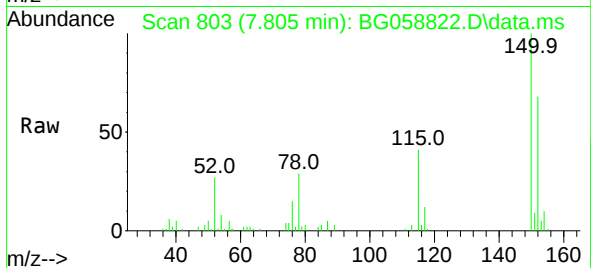




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 804
Delta R.T. -0.007 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

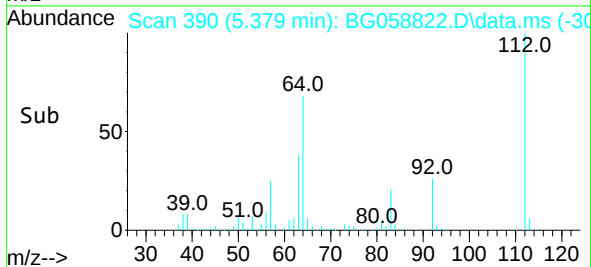
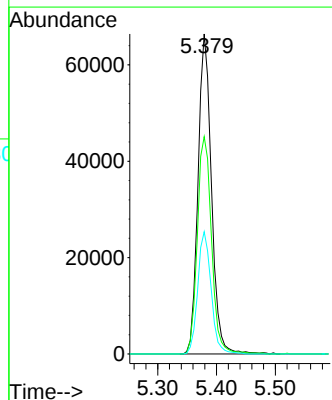
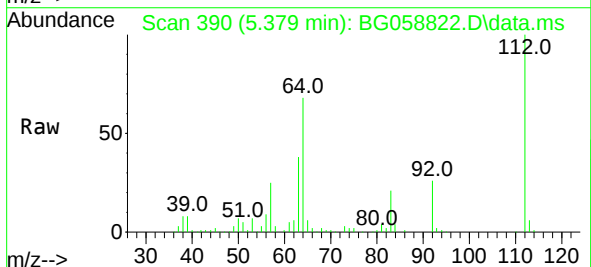
Instrument :
BNA_G
ClientSampleId :
TP-C

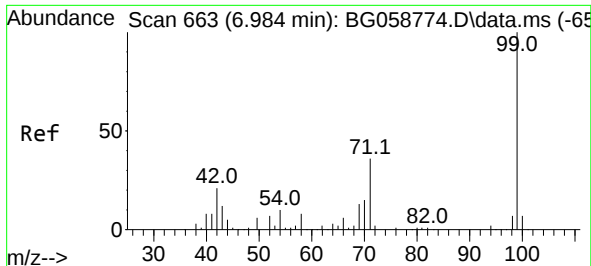
Tgt Ion:152 Resp: 17928
Ion Ratio Lower Upper
152 100
150 146.7 128.6 192.8
115 59.6 50.4 75.6



#5
2-Fluorophenol
Concen: 94.706 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

Tgt Ion:112 Resp: 105508
Ion Ratio Lower Upper
112 100
64 67.9 60.6 90.8
63 38.2 31.0 46.4

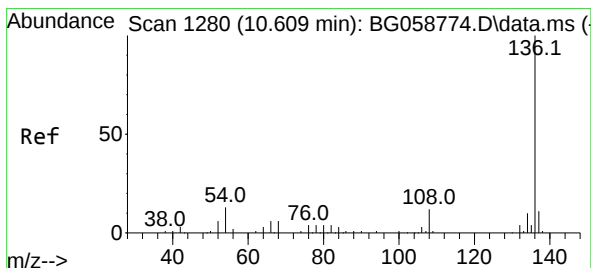
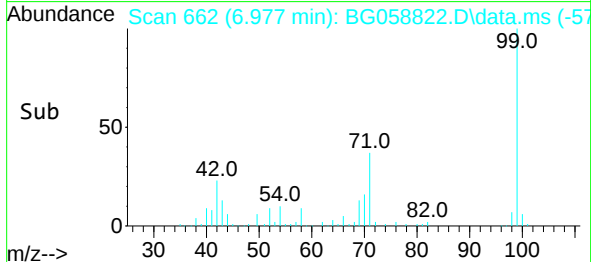
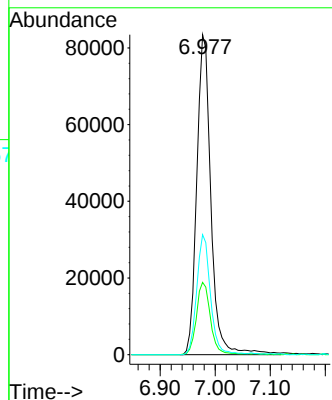
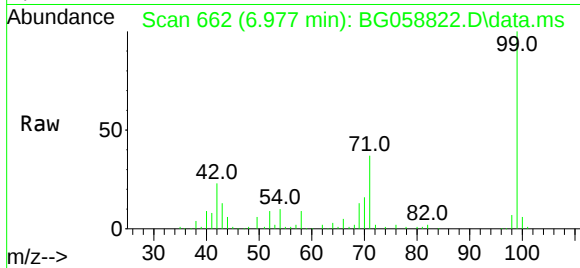




#7
Phenol-d6
Concen: 95.598 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

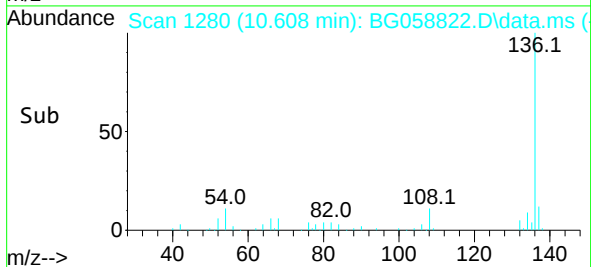
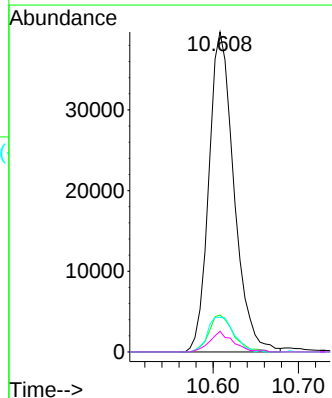
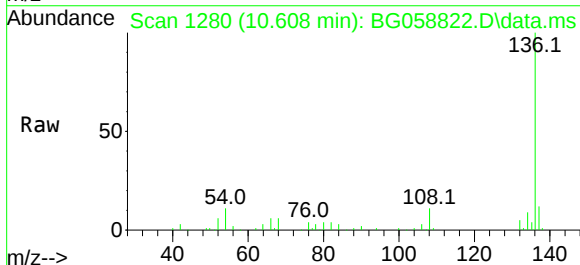
Instrument :
BNA_G
ClientSampleId :
TP-C

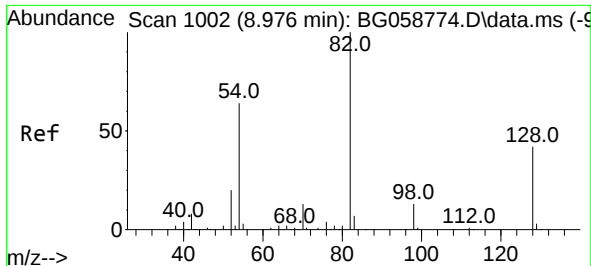
Tgt Ion: 99 Resp: 149423
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 37.5 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

Tgt Ion: 136 Resp: 81269
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 10.8 10.1 15.1
68 6.5 5.2 7.8

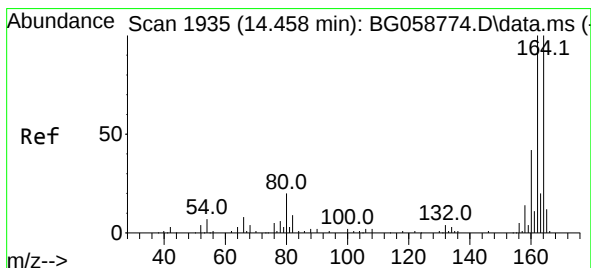
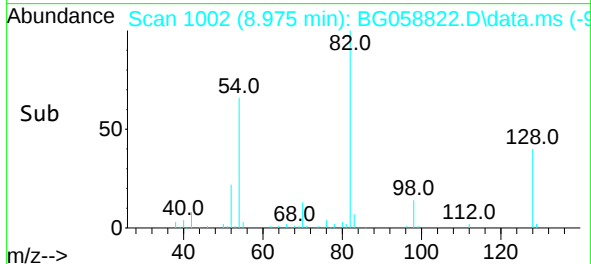
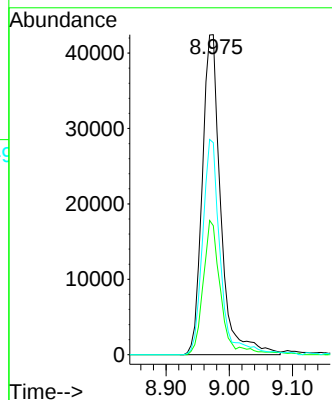
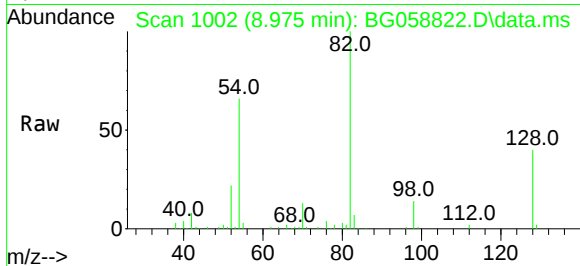




#23
Nitrobenzene-d5
Concen: 51.156 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

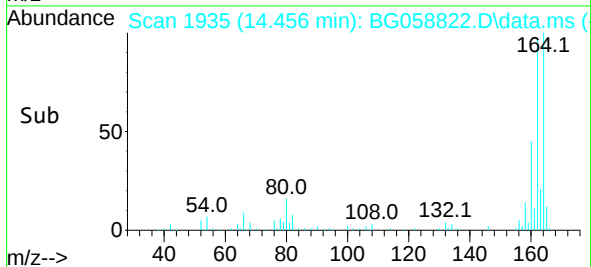
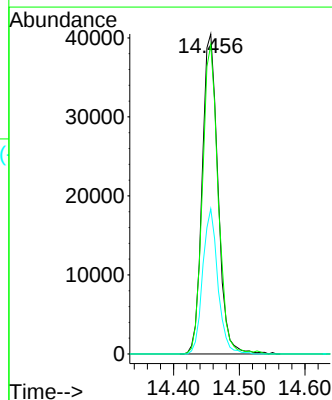
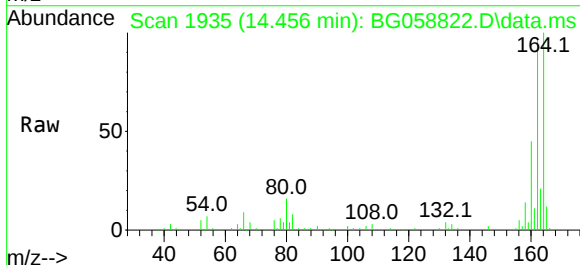
Instrument :
BNA_G
ClientSampleId :
TP-C

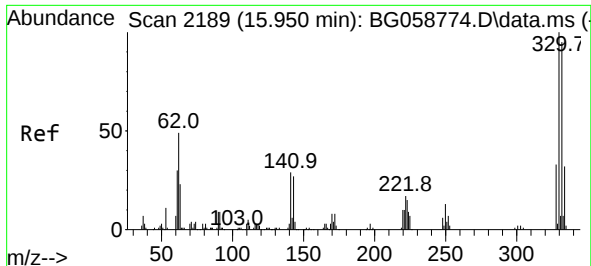
Tgt Ion: 82 Resp: 86473
Ion Ratio Lower Upper
82 100
128 40.3 33.2 49.8
54 66.3 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

Tgt Ion:164 Resp: 67905
Ion Ratio Lower Upper
164 100
162 96.6 79.6 119.4
160 45.4 34.0 51.0

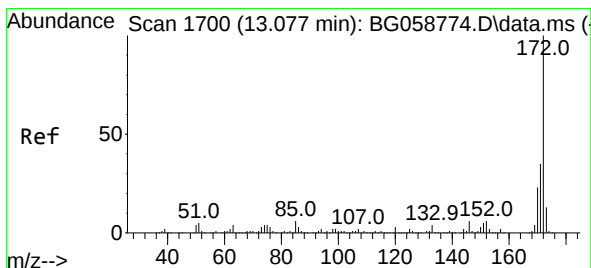
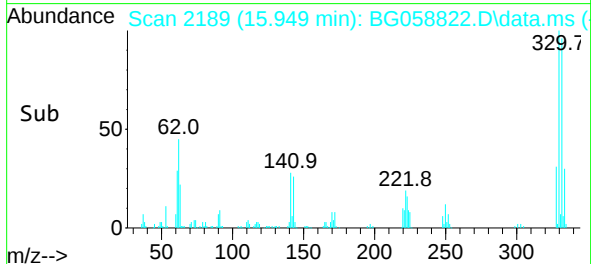
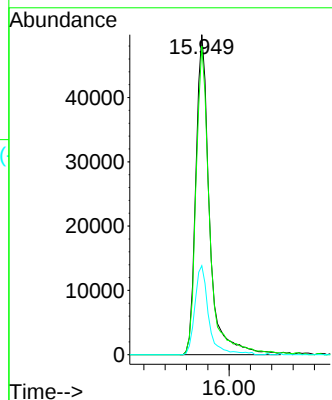
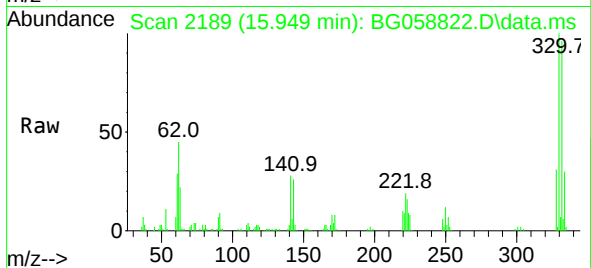




#42
2,4,6-Tribromophenol
Concen: 83.825 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

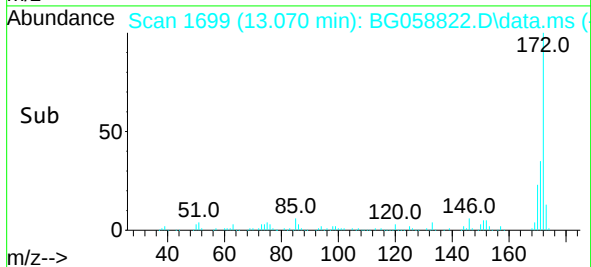
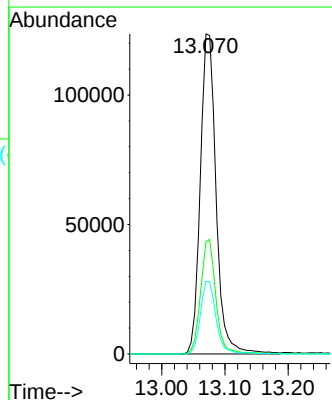
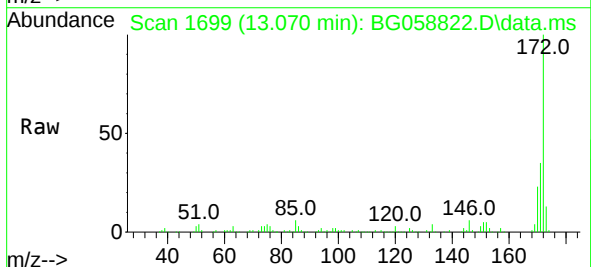
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ClientSampleId :
TP-C

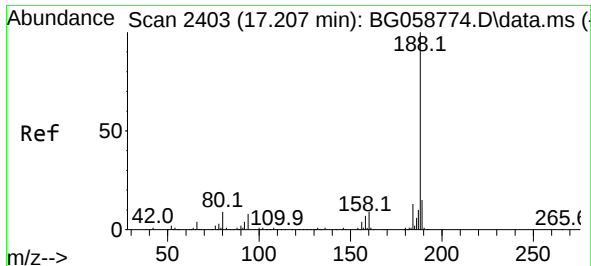
Tgt Ion:330 Resp: 89252
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 27.9 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 45.897 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.007 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

Tgt Ion:172 Resp: 214280
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.7 18.6 27.8

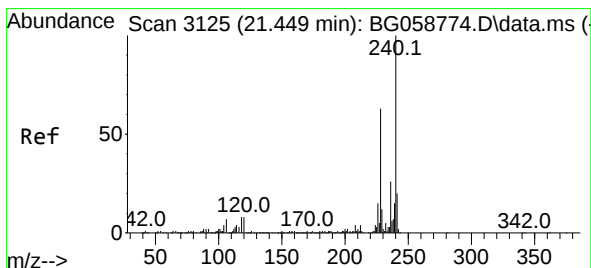
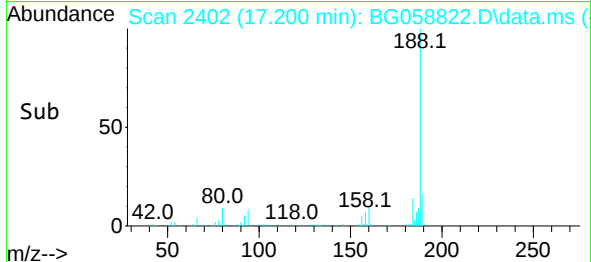
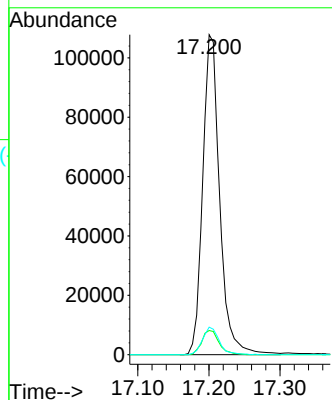
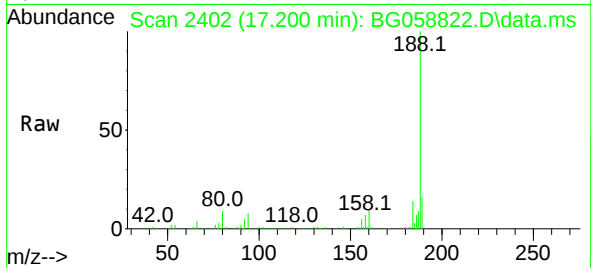




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2403
Delta R.T. -0.007 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

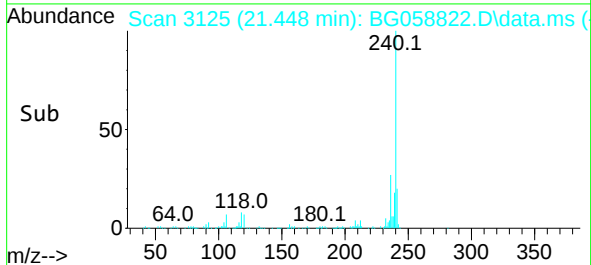
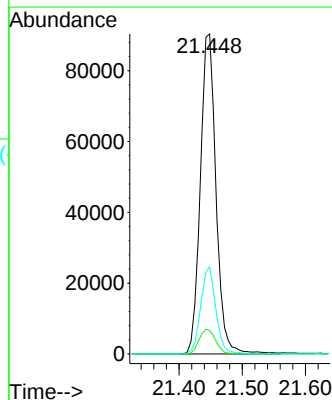
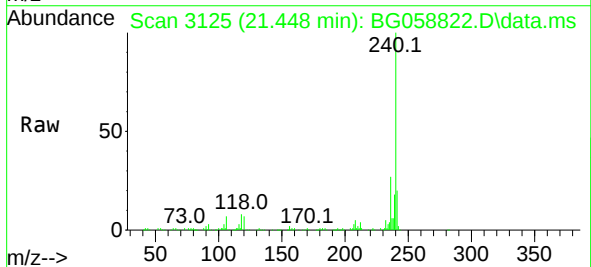
Instrument :
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ClientSampleId :
TP-C

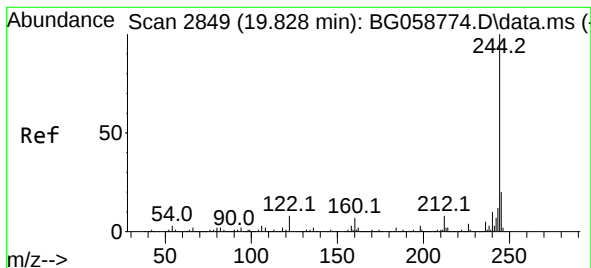
Tgt Ion:188 Resp: 178924
Ion Ratio Lower Upper
188 100
94 7.6 6.1 9.1
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058822.D
Acq: 23 Aug 2023 14:54

Tgt Ion:240 Resp: 155570
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.2
236 27.2 20.5 30.7





#79

Terphenyl-d14

Concen: 48.607 ng

RT: 19.821 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG058822.D

Acq: 23 Aug 2023 14:54

Instrument :

BNA_G

ClientSampleId :

TP-C

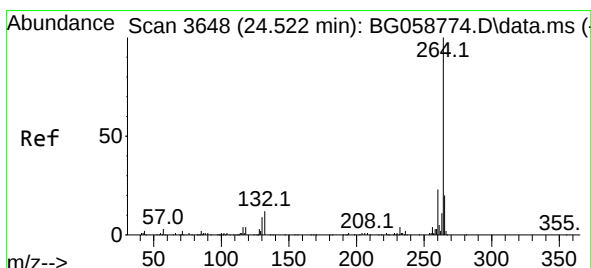
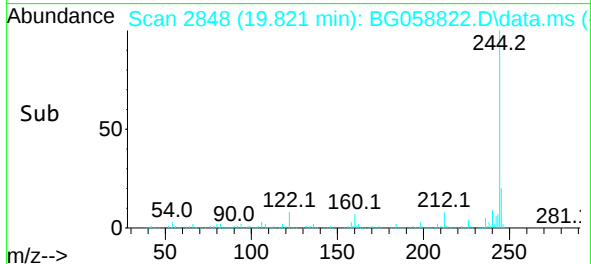
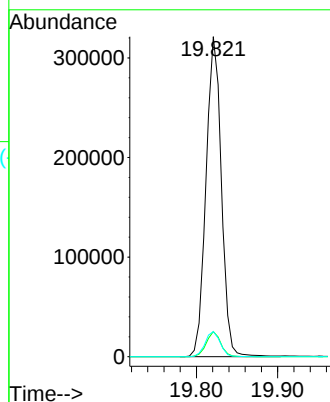
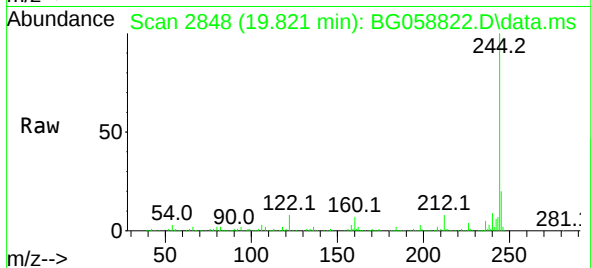
Tgt Ion:244 Resp: 421134

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.9 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: BG058822.D

Acq: 23 Aug 2023 14:54

Tgt Ion:264 Resp: 187942

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 22.1 16.4 24.6

