

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058844.D
 Acq On : 24 Aug 2023 18:41
 Operator : MA/JU
 Sample : 04091-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-E

Quant Time: Aug 25 02:58:41 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	16214	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	66120	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	48772	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	127397	20.000	ng	0.00
76) Chrysene-d12	21.448	240	118571	20.000	ng	0.00
86) Perylene-d12	24.515	264	140523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	147214	146.112	ng	0.00
7) Phenol-d6	6.977	99	178427	126.222	ng	0.00
23) Nitrobenzene-d5	8.969	82	130438	94.845	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	104488	136.633	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	310547	92.610	ng	0.00
79) Terphenyl-d14	19.821	244	683077	103.442	ng	0.00

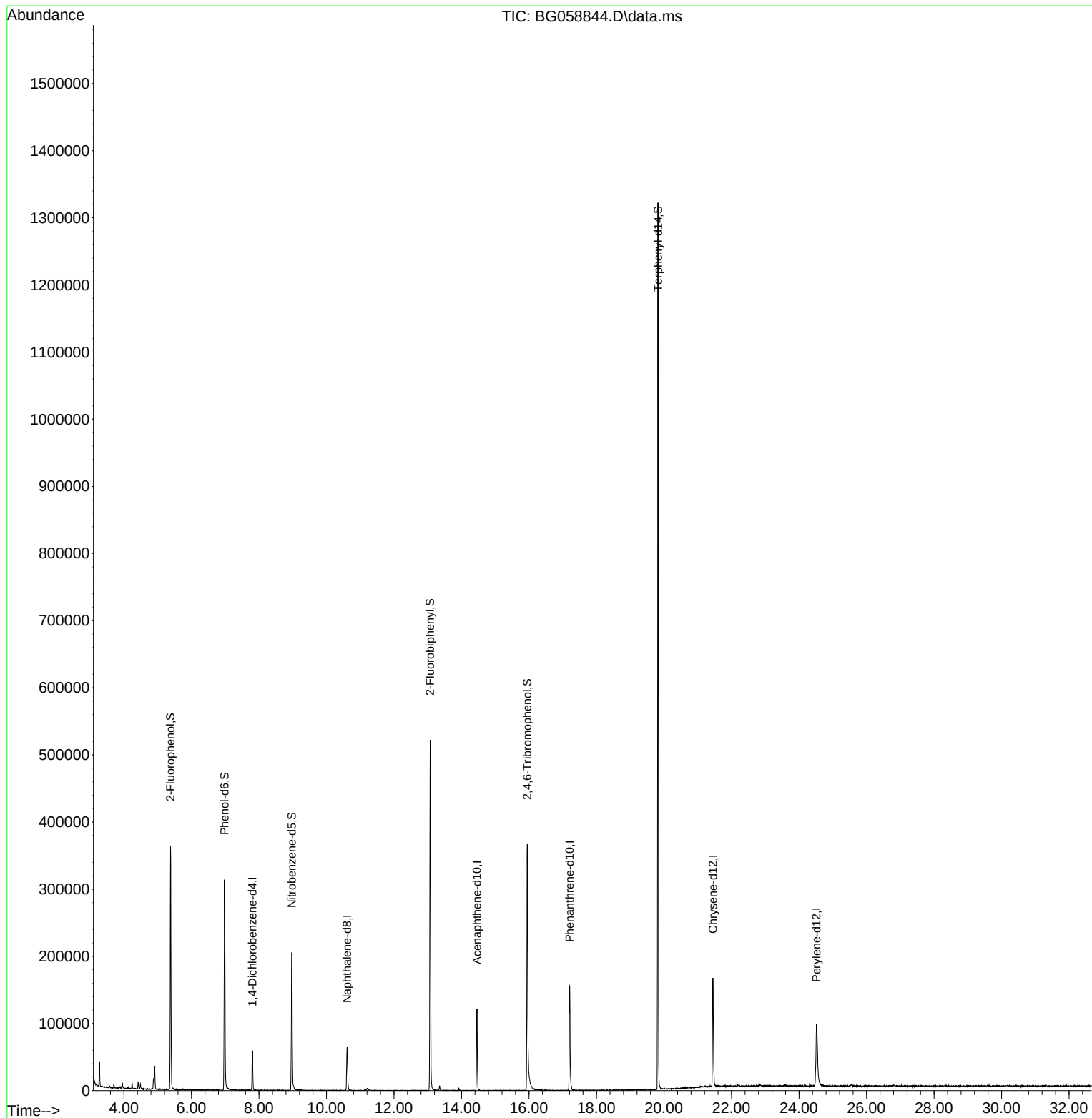
Target Compounds	Qvalue

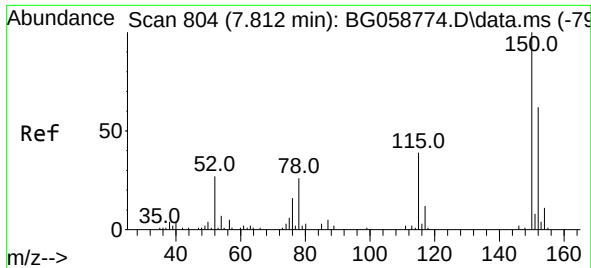
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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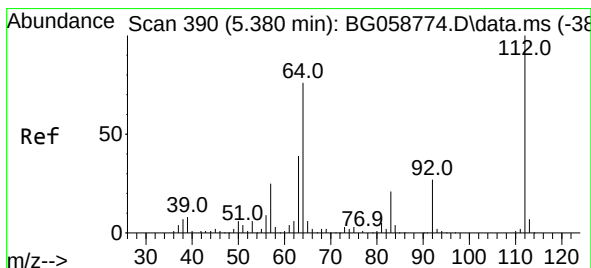
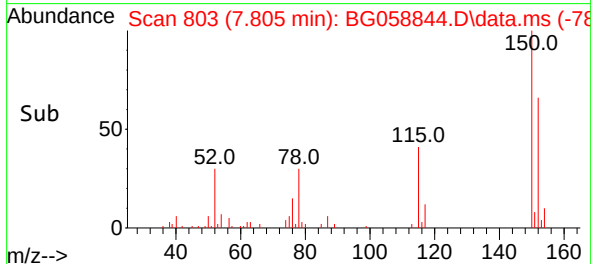
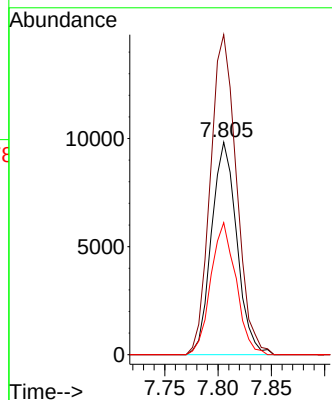
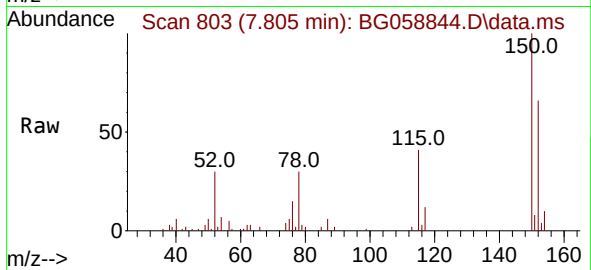




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 804
 Delta R.T. -0.007 min
 Lab File: BG058844.D
 Acq: 24 Aug 2023 18:41

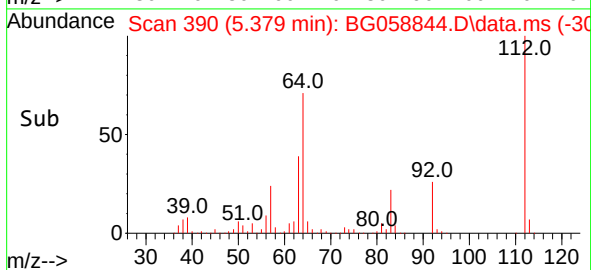
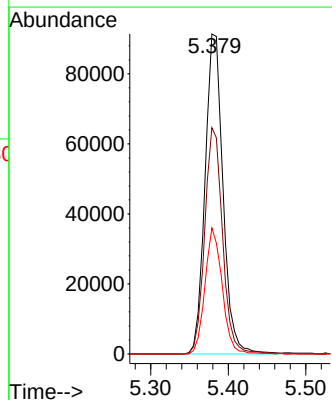
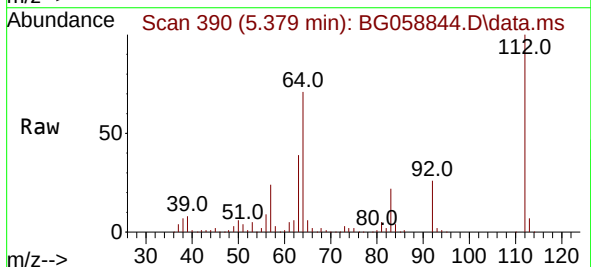
Instrument :
 BNA_G
 ClientSampleId :
 TP-E

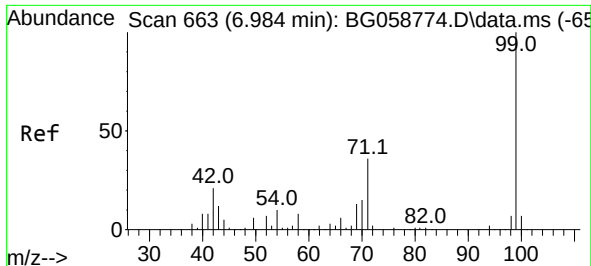
Tgt Ion:152 Resp: 16214
 Ion Ratio Lower Upper
 152 100
 150 150.6 128.6 192.8
 115 62.1 50.4 75.6



#5
 2-Fluorophenol
 Concen: 146.112 ng
 RT: 5.379 min Scan# 390
 Delta R.T. -0.001 min
 Lab File: BG058844.D
 Acq: 24 Aug 2023 18:41

Tgt Ion:112 Resp: 147214
 Ion Ratio Lower Upper
 112 100
 64 70.7 60.6 90.8
 63 39.4 31.0 46.4

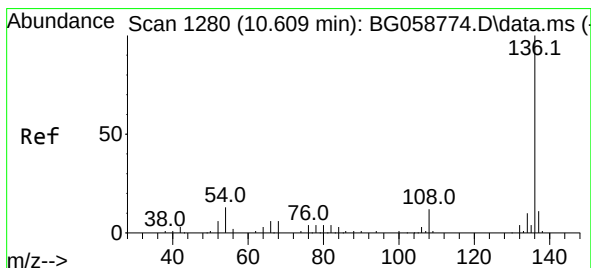
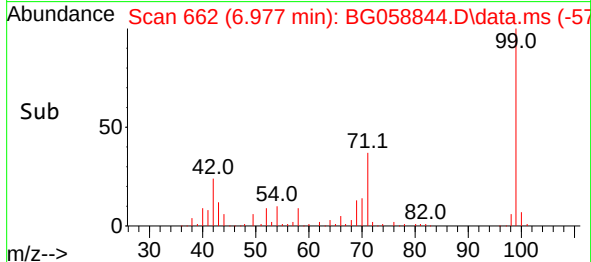
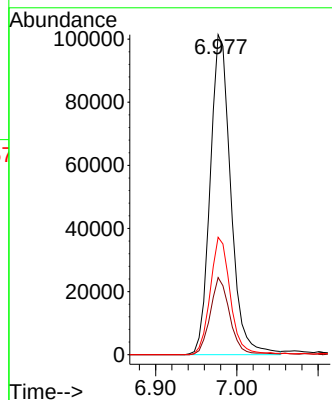
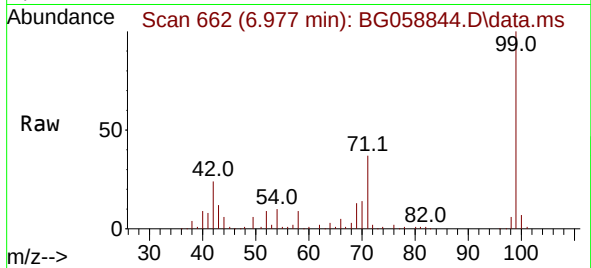




#7
Phenol-d6
Concen: 126.222 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058844.D
Acq: 24 Aug 2023 18:41

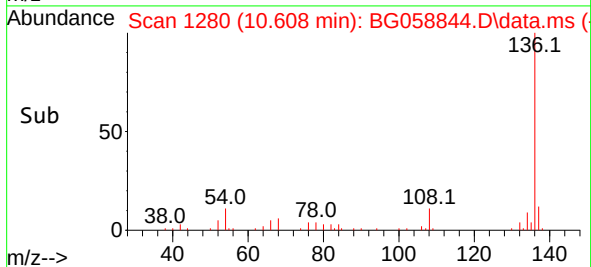
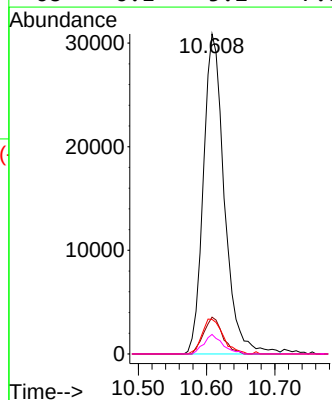
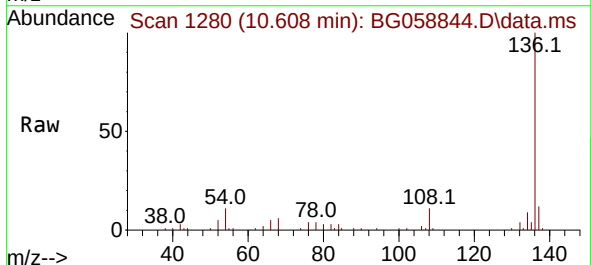
Instrument :
BNA_G
ClientSampleId :
TP-E

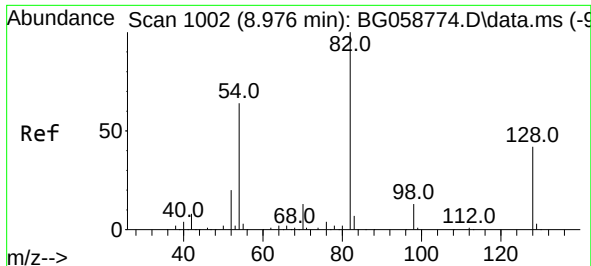
Tgt Ion: 99 Resp: 178427
Ion Ratio Lower Upper
99 100
42 24.1 16.5 24.7
71 36.7 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058844.D
Acq: 24 Aug 2023 18:41

Tgt Ion: 136 Resp: 66120
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 10.8 10.1 15.1
68 6.1 5.2 7.8

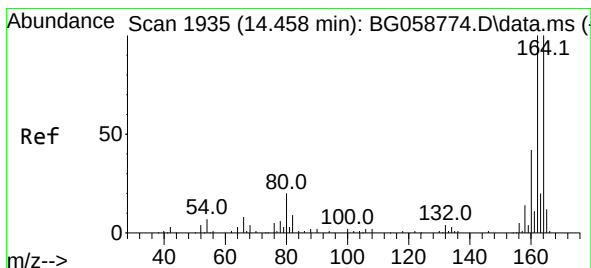
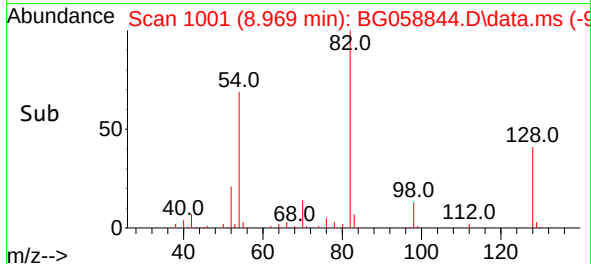
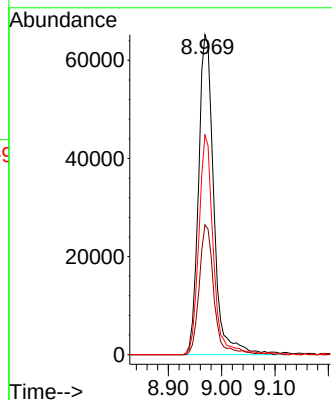
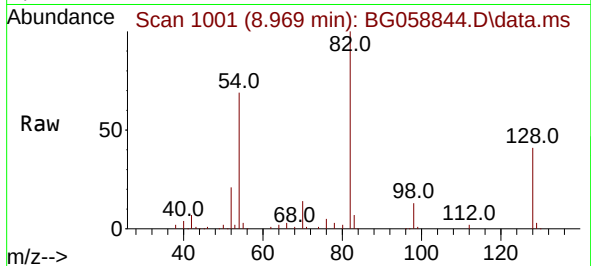




#23
Nitrobenzene-d5
Concen: 94.845 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG058844.D
Acq: 24 Aug 2023 18:41

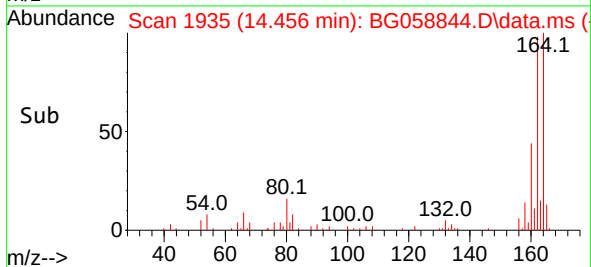
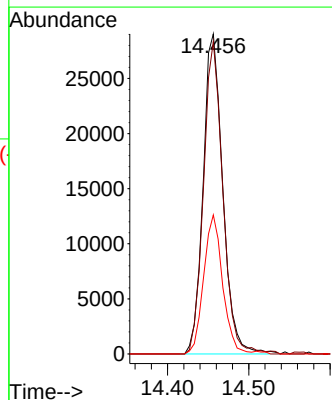
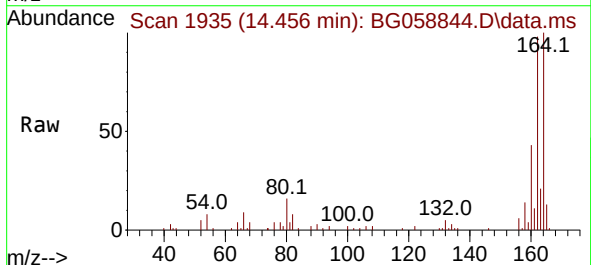
Instrument :
BNA_G
ClientSampleId :
TP-E

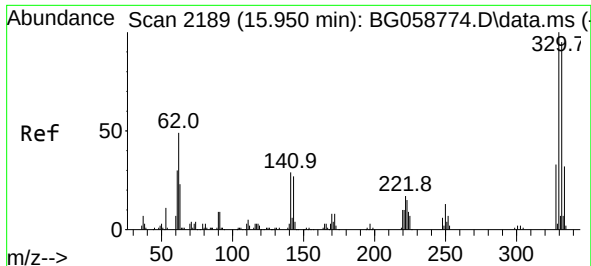
Tgt Ion: 82 Resp: 130438
Ion Ratio Lower Upper
82 100
128 40.6 33.2 49.8
54 68.6 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058844.D
Acq: 24 Aug 2023 18:41

Tgt Ion:164 Resp: 48772
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 43.5 34.0 51.0

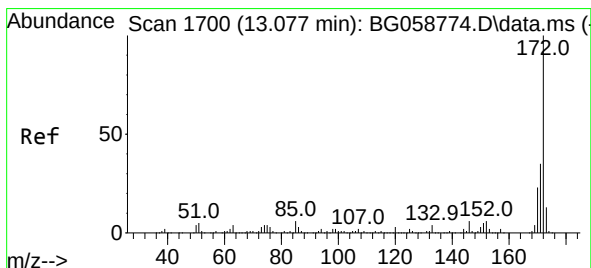
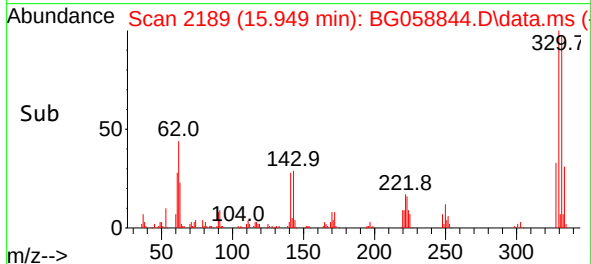
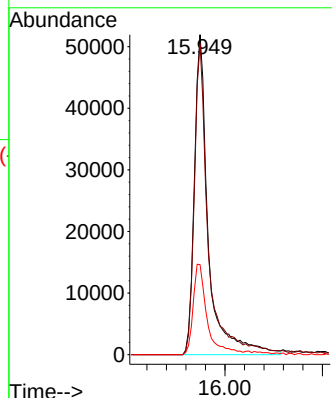
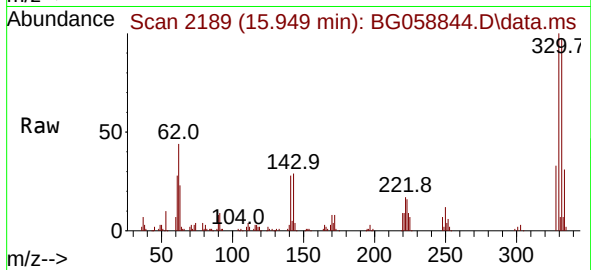




#42
2,4,6-Tribromophenol
Concen: 136.633 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058844.D
Acq: 24 Aug 2023 18:41

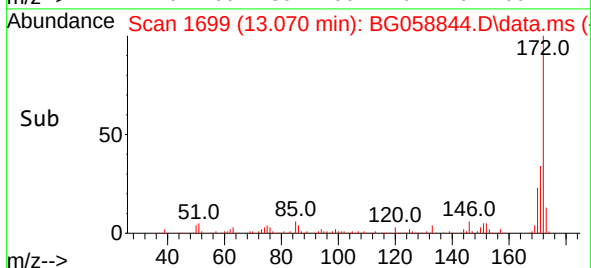
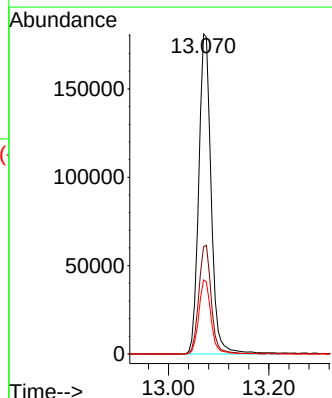
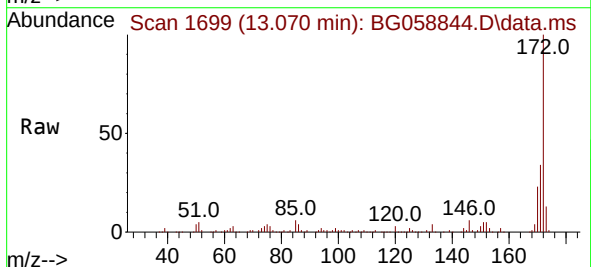
Instrument :
BNA_G
ClientSampleId :
TP-E

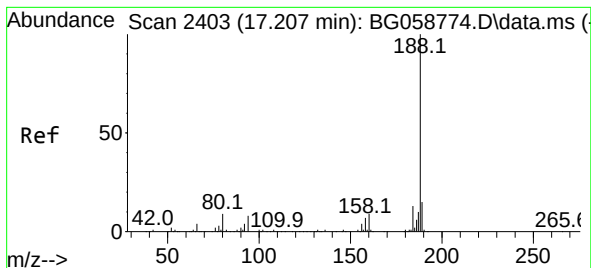
Tgt Ion:330 Resp: 104488
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 28.0 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 92.610 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.007 min
Lab File: BG058844.D
Acq: 24 Aug 2023 18:41

Tgt Ion:172 Resp: 310547
Ion Ratio Lower Upper
172 100
171 33.5 28.1 42.1
170 23.2 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: BG058844.D

Acq: 24 Aug 2023 18:41

Instrument :

BNA_G

ClientSampleId :

TP-E

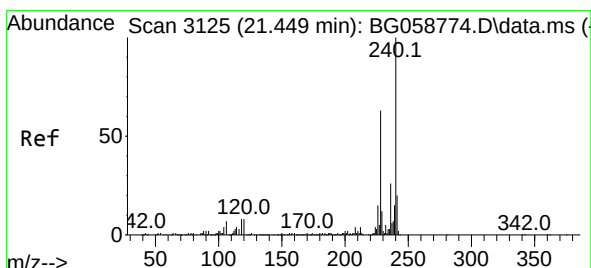
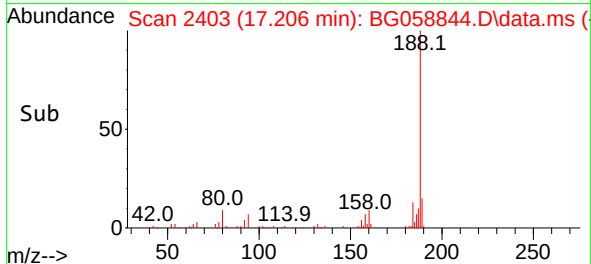
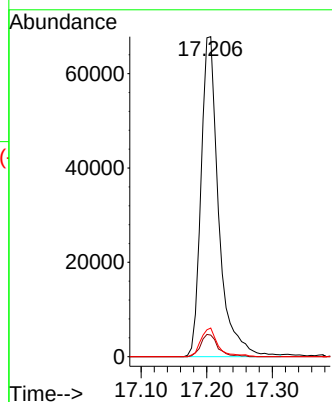
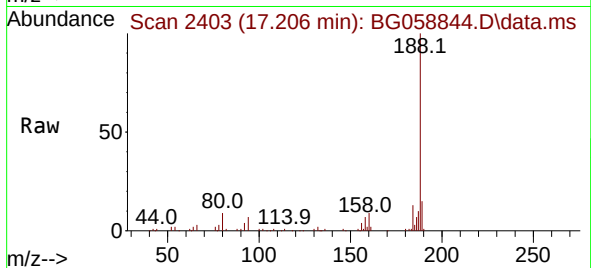
Tgt Ion:188 Resp: 127397

Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

80 8.9 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: BG058844.D

Acq: 24 Aug 2023 18:41

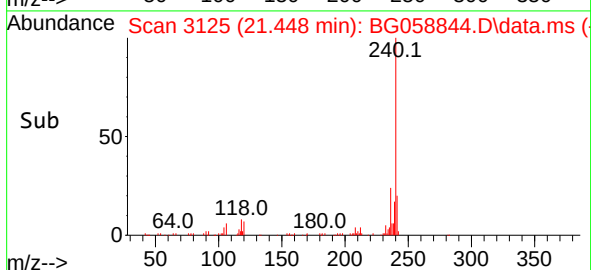
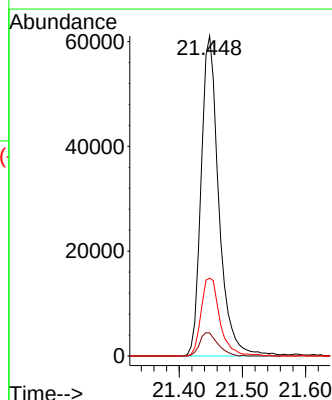
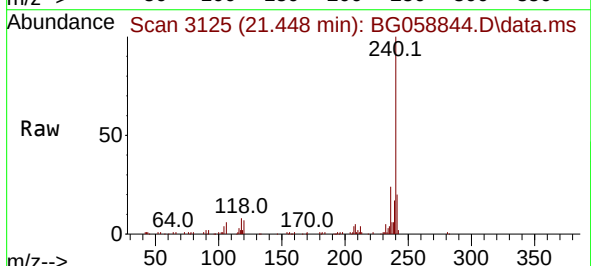
Tgt Ion:240 Resp: 118571

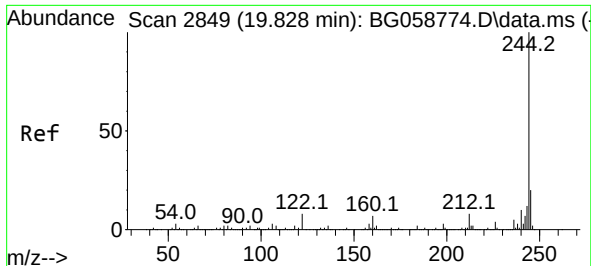
Ion Ratio Lower Upper

240 100

120 7.2 6.2 9.2

236 24.3 20.5 30.7

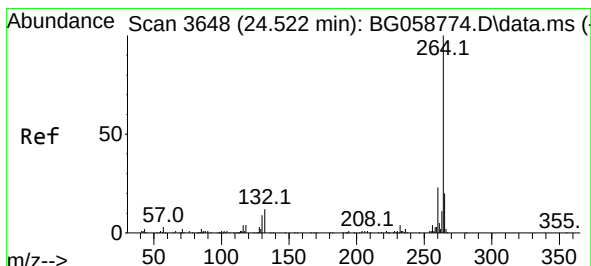
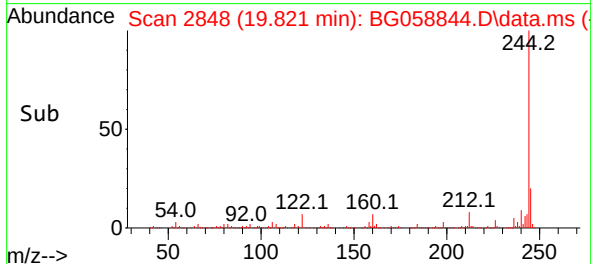
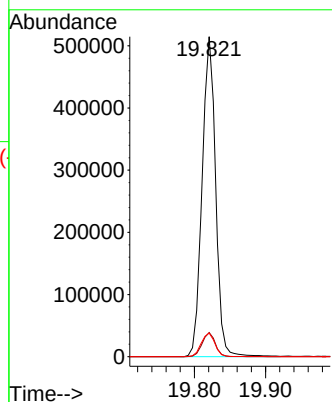
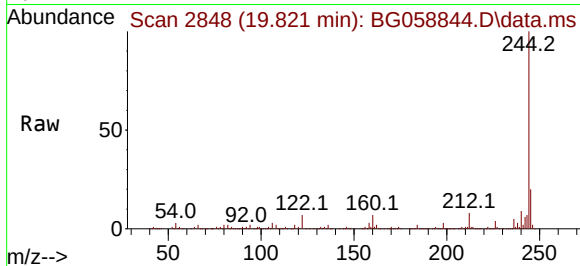




#79
 Terphenyl-d14
 Concen: 103.442 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG058844.D
 Acq: 24 Aug 2023 18:41

Instrument :
 BNA_G
 ClientSampleId :
 TP-E

Tgt Ion:244 Resp: 683077
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 7.4 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 3647
 Delta R.T. -0.007 min
 Lab File: BG058844.D
 Acq: 24 Aug 2023 18:41

Tgt Ion:264 Resp: 140523
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.2 27.2
 265 22.2 16.4 24.6

