

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060858.D
 Acq On : 11 Apr 2024 14:02
 Operator : MA/JU
 Sample : PB160120BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160120BL

Quant Time: Apr 11 14:39:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	46713	20.000	ng	-0.02
21) Naphthalene-d8	10.747	136	184857	20.000	ng	-0.01
39) Acenaphthene-d10	14.578	164	151188	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	402803	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	378095	20.000	ng	-0.02
86) Perylene-d12	24.724	264	433605	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	384060	136.964	ng	0.00
7) Phenol-d6	7.110	99	505444	121.433	ng	0.00
23) Nitrobenzene-d5	9.102	82	318091	98.188	ng	-0.01
42) 2,4,6-Tribromophenol	16.070	330	308906	179.991	ng	0.00
45) 2-Fluorobiphenyl	13.203	172	838108	81.358	ng	-0.02
79) Terphenyl-d14	19.954	244	1806863	84.148	ng	-0.01

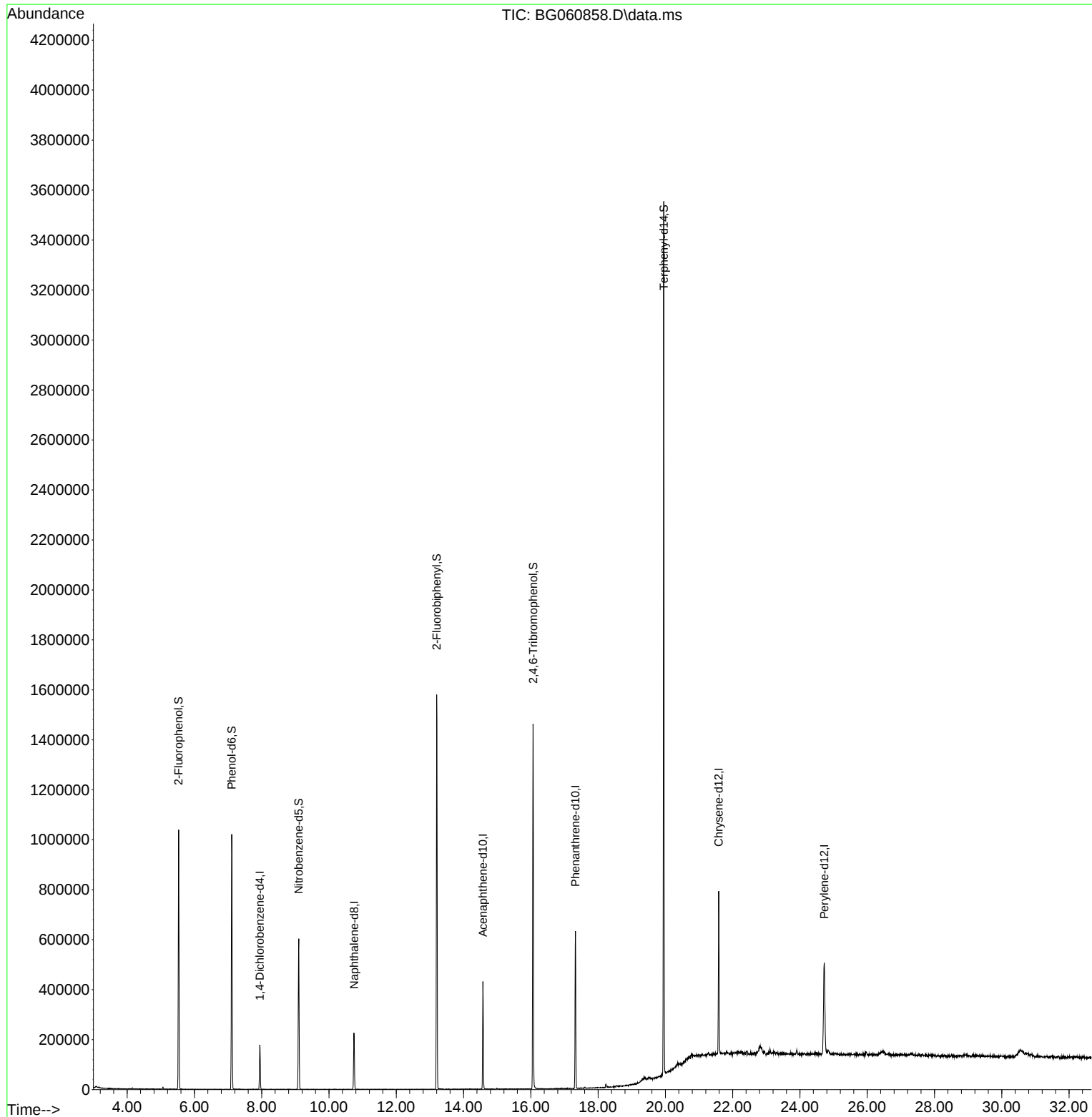
Target Compounds	Qvalue

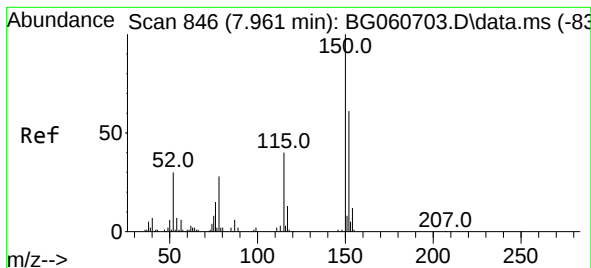
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.944 min Scan# 846

Delta R.T. -0.017 min

Lab File: BG060858.D

Acq: 11 Apr 2024 14:02

Instrument :

BNA_G

ClientSampleId :

PB160120BL

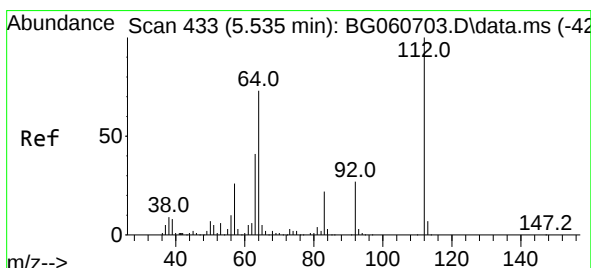
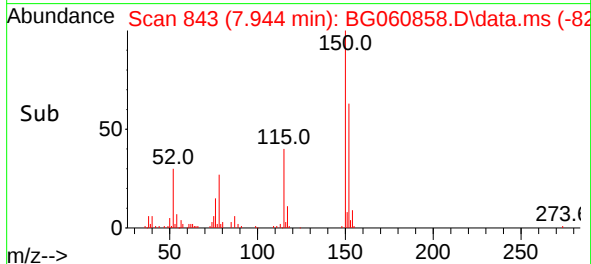
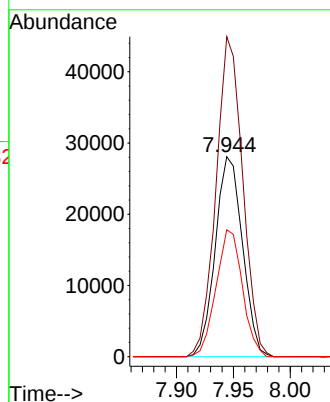
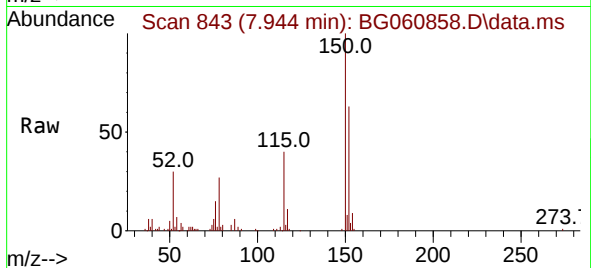
Tgt Ion:152 Resp: 46713

Ion Ratio Lower Upper

152 100

150 160.0 130.2 195.4

115 63.4 51.6 77.4



#5

2-Fluorophenol

Concen: 136.964 ng

RT: 5.529 min Scan# 432

Delta R.T. -0.006 min

Lab File: BG060858.D

Acq: 11 Apr 2024 14:02

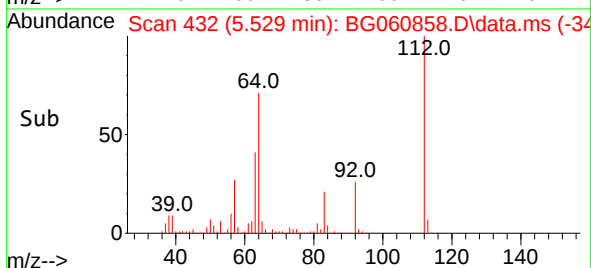
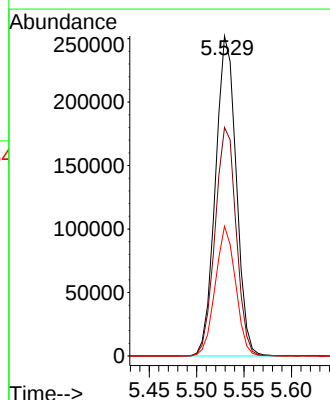
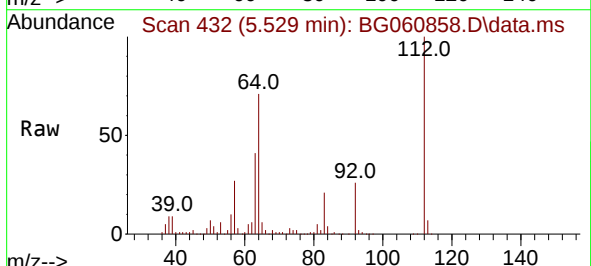
Tgt Ion:112 Resp: 384060

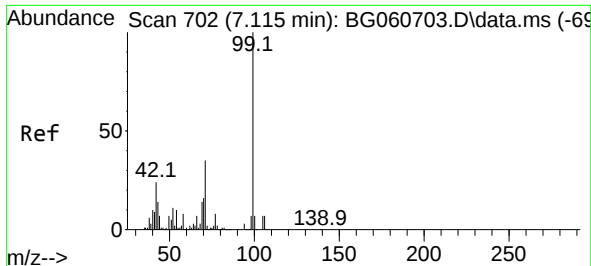
Ion Ratio Lower Upper

112 100

64 71.4 58.4 87.6

63 40.5 32.7 49.1

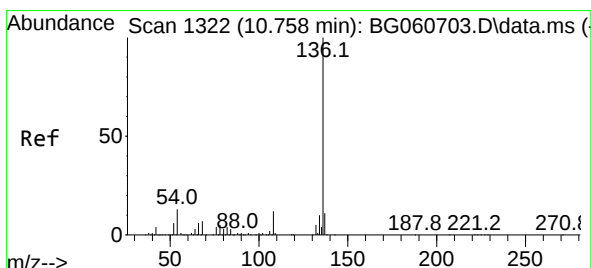
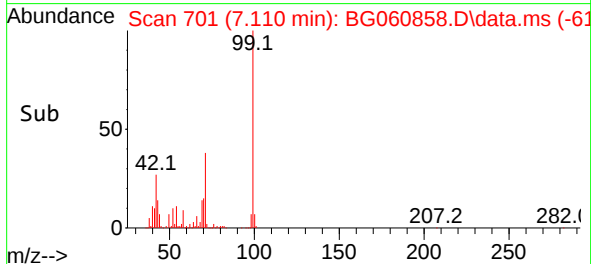
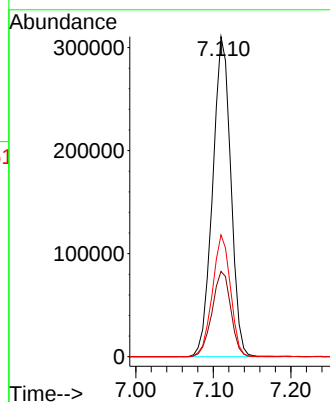
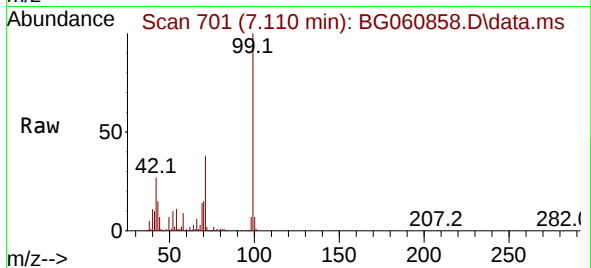




#7
Phenol-d6
Concen: 121.433 ng
RT: 7.110 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

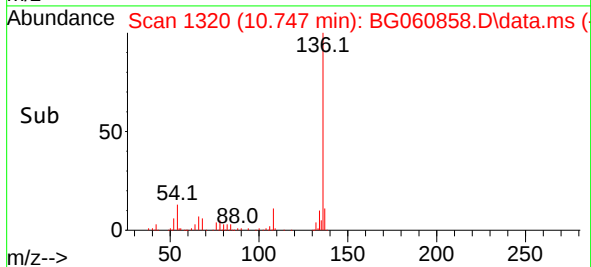
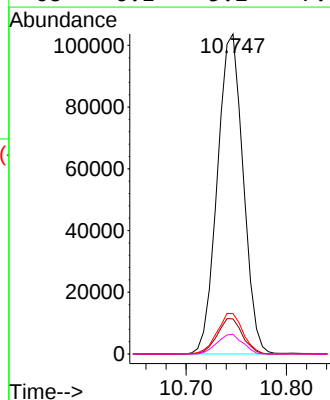
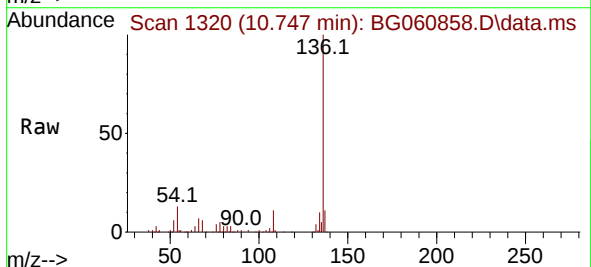
Instrument :
BNA_G
ClientSampleId :
PB160120BL

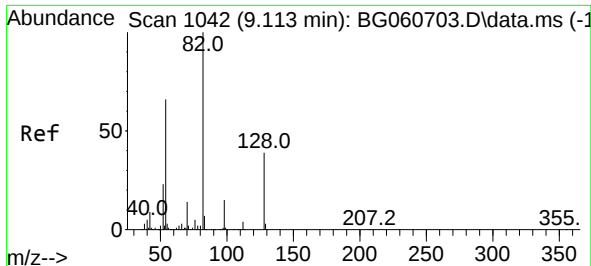
Tgt Ion: 99 Resp: 505444
Ion Ratio Lower Upper
99 100
42 26.7 19.4 29.2
71 38.1 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.747 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion: 136 Resp: 184857
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 12.6 10.2 15.2
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 98.188 ng

RT: 9.102 min Scan# 1040

Delta R.T. -0.011 min

Lab File: BG060858.D

Acq: 11 Apr 2024 14:02

Instrument :

BNA_G

ClientSampleId :

PB160120BL

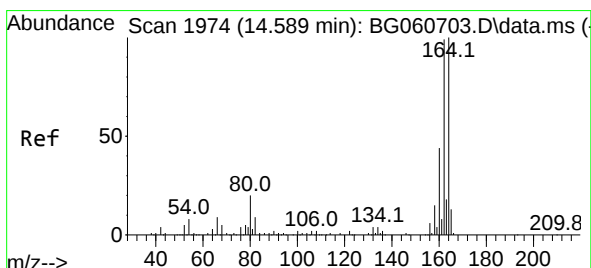
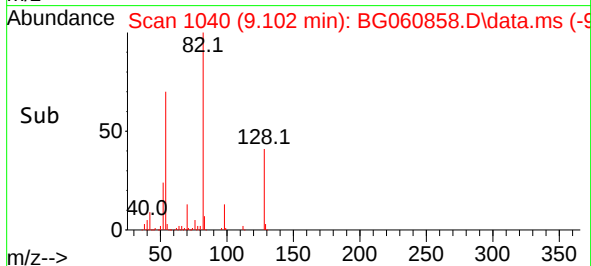
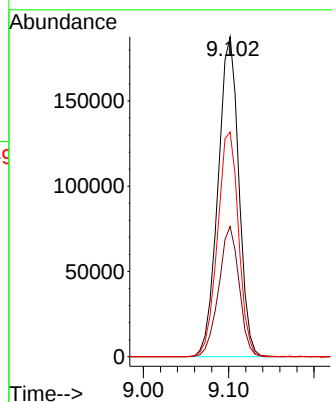
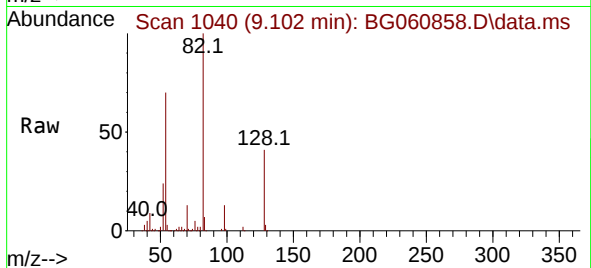
Tgt Ion: 82 Resp: 318091

Ion Ratio Lower Upper

82 100

128 40.7 31.2 46.8

54 70.2 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.578 min Scan# 1972

Delta R.T. -0.011 min

Lab File: BG060858.D

Acq: 11 Apr 2024 14:02

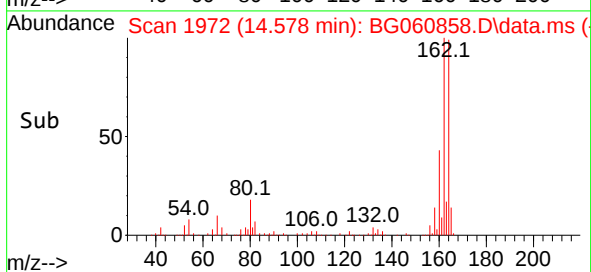
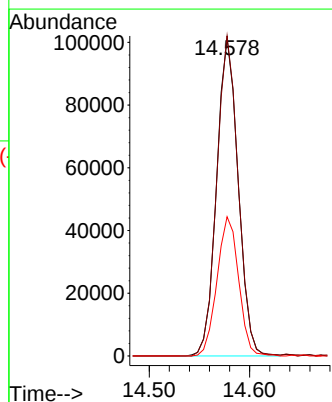
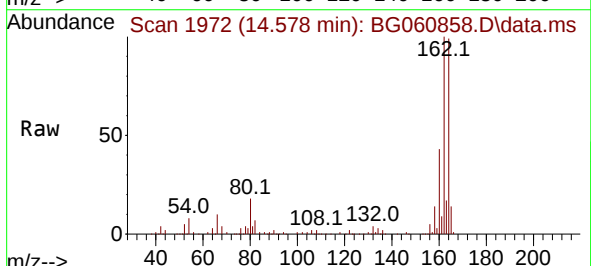
Tgt Ion: 164 Resp: 151188

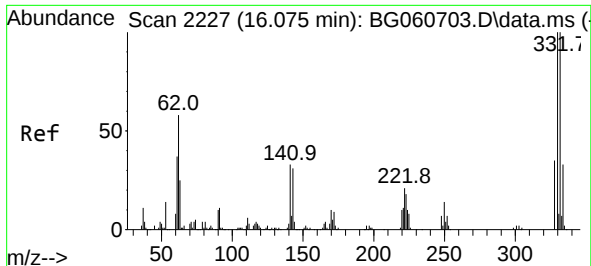
Ion Ratio Lower Upper

164 100

162 100.8 79.5 119.3

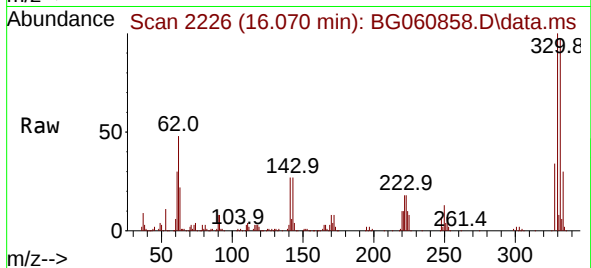
160 43.8 35.4 53.0



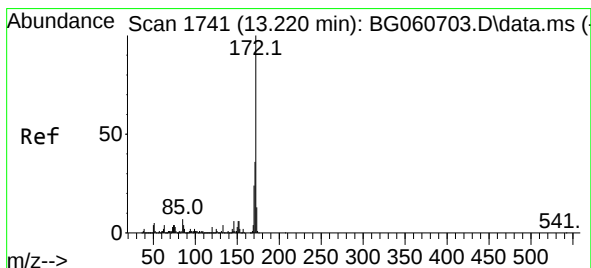
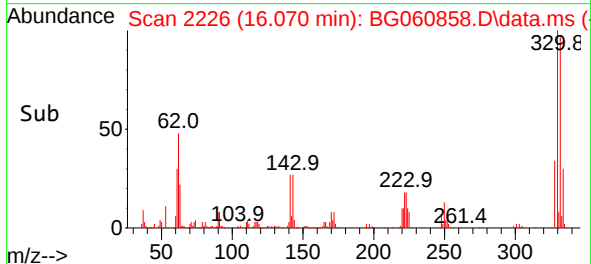
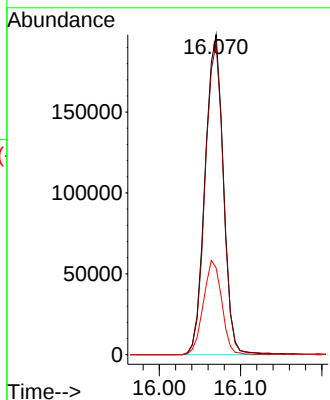


#42
2,4,6-Tribromophenol
Concen: 179.991 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Instrument :
BNA_G
ClientSampleId :
PB160120BL

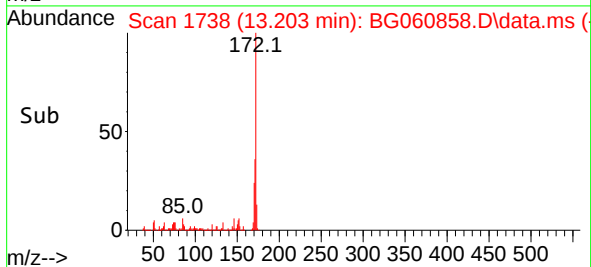
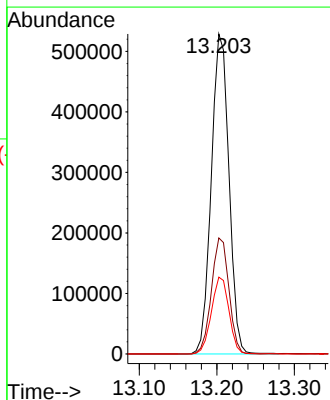
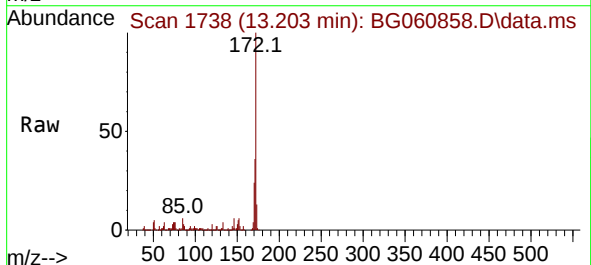


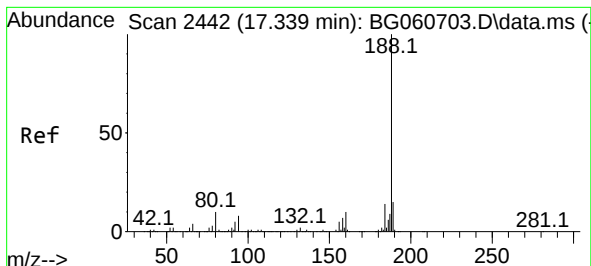
Tgt Ion:330 Resp: 308906
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 29.6 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 81.358 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion:172 Resp: 838108
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.0 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.327 min Scan# 2442

Delta R.T. -0.011 min

Lab File: BG060858.D

Acq: 11 Apr 2024 14:02

Instrument :

BNA_G

ClientSampleId :

PB160120BL

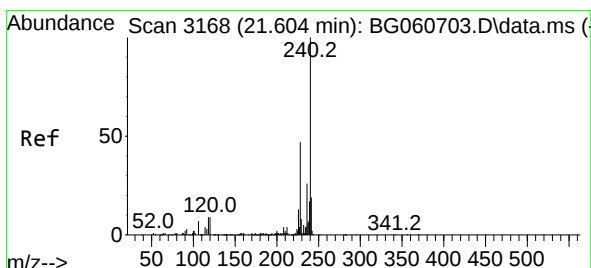
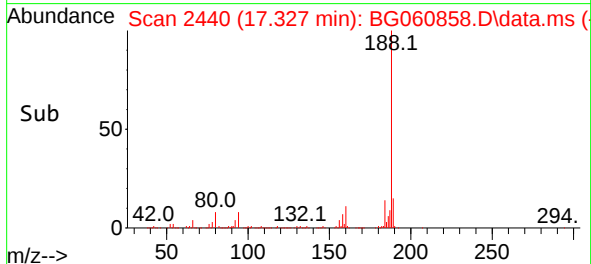
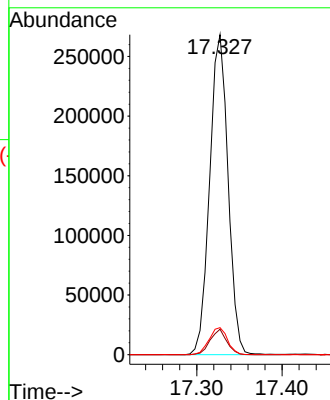
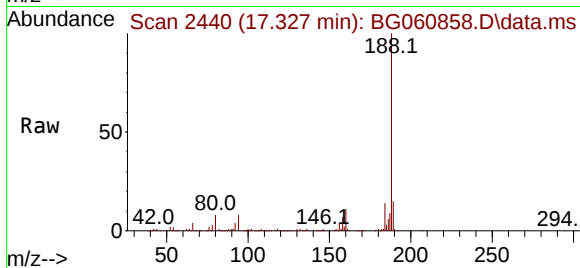
Tgt Ion:188 Resp: 402803

Ion Ratio Lower Upper

188 100

94 7.9 6.6 9.8

80 8.4 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.587 min Scan# 3165

Delta R.T. -0.017 min

Lab File: BG060858.D

Acq: 11 Apr 2024 14:02

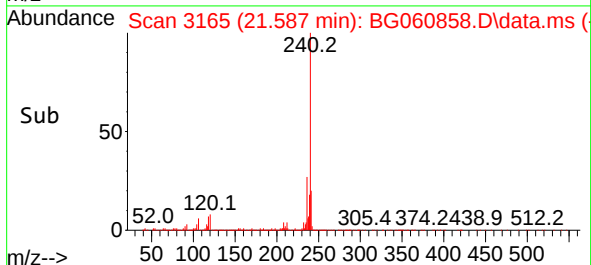
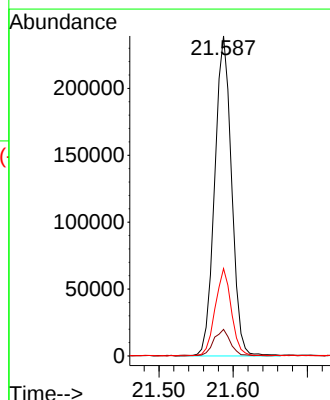
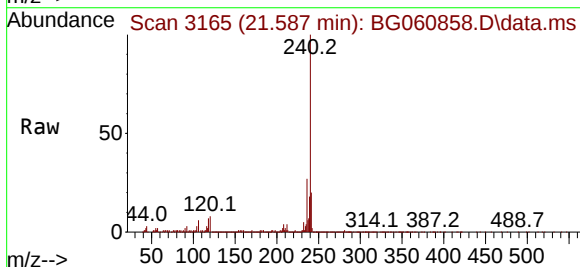
Tgt Ion:240 Resp: 378095

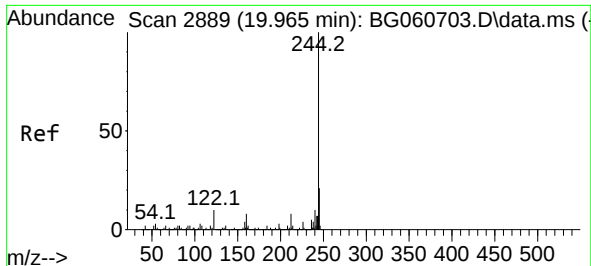
Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 27.3 20.7 31.1

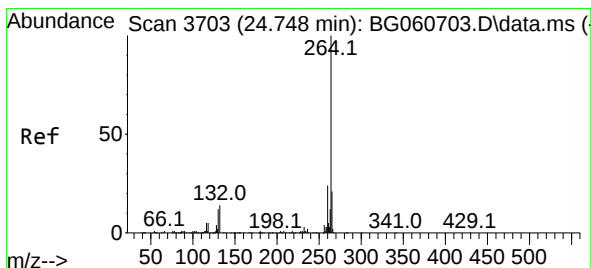
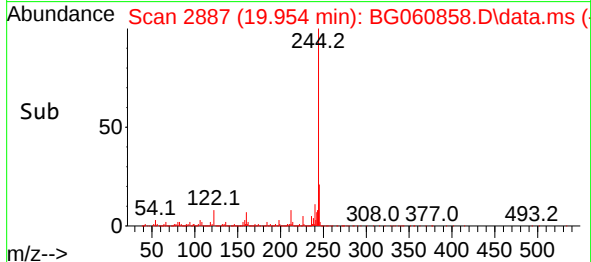
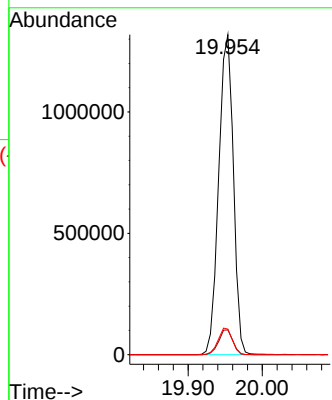
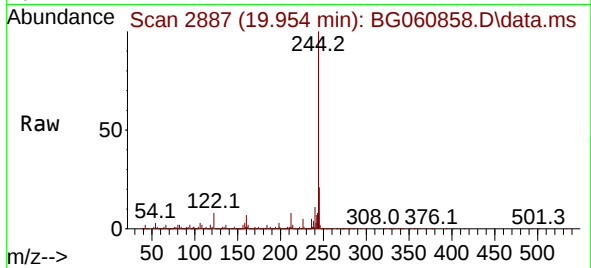




#79
Terphenyl-d14
Concen: 84.148 ng
RT: 19.954 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Instrument :
BNA_G
ClientSampleId :
PB160120BL

Tgt Ion:244 Resp: 1806863
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.0 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.724 min Scan# 3699
Delta R.T. -0.023 min
Lab File: BG060858.D
Acq: 11 Apr 2024 14:02

Tgt Ion:264 Resp: 433605
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 20.7 16.9 25.3

