

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060848.D
 Acq On : 10 Apr 2024 12:20
 Operator : MA/JU
 Sample : PB160000BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160000BL

Quant Time: Apr 10 14:28:09 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	7.942	152	72862	20.000	ng	-0.02
21) Naphthalene-d8	10.739	136	275983	20.000	ng	-0.02
39) Acenaphthene-d10	14.576	164	216493	20.000	ng	-0.01
64) Phenanthrene-d10	17.319	188	598826	20.000	ng	-0.02
76) Chrysene-d12	21.585	240	596368	20.000	ng	-0.02
86) Perylene-d12	24.711	264	679698	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	564243	129.006	ng	0.00
7) Phenol-d6	7.108	99	734513	113.135	ng	0.00
23) Nitrobenzene-d5	9.100	82	472534	97.700	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	428122	174.207	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	1204442	81.650	ng	-0.02
79) Terphenyl-d14	19.952	244	2552813	75.374	ng	-0.01

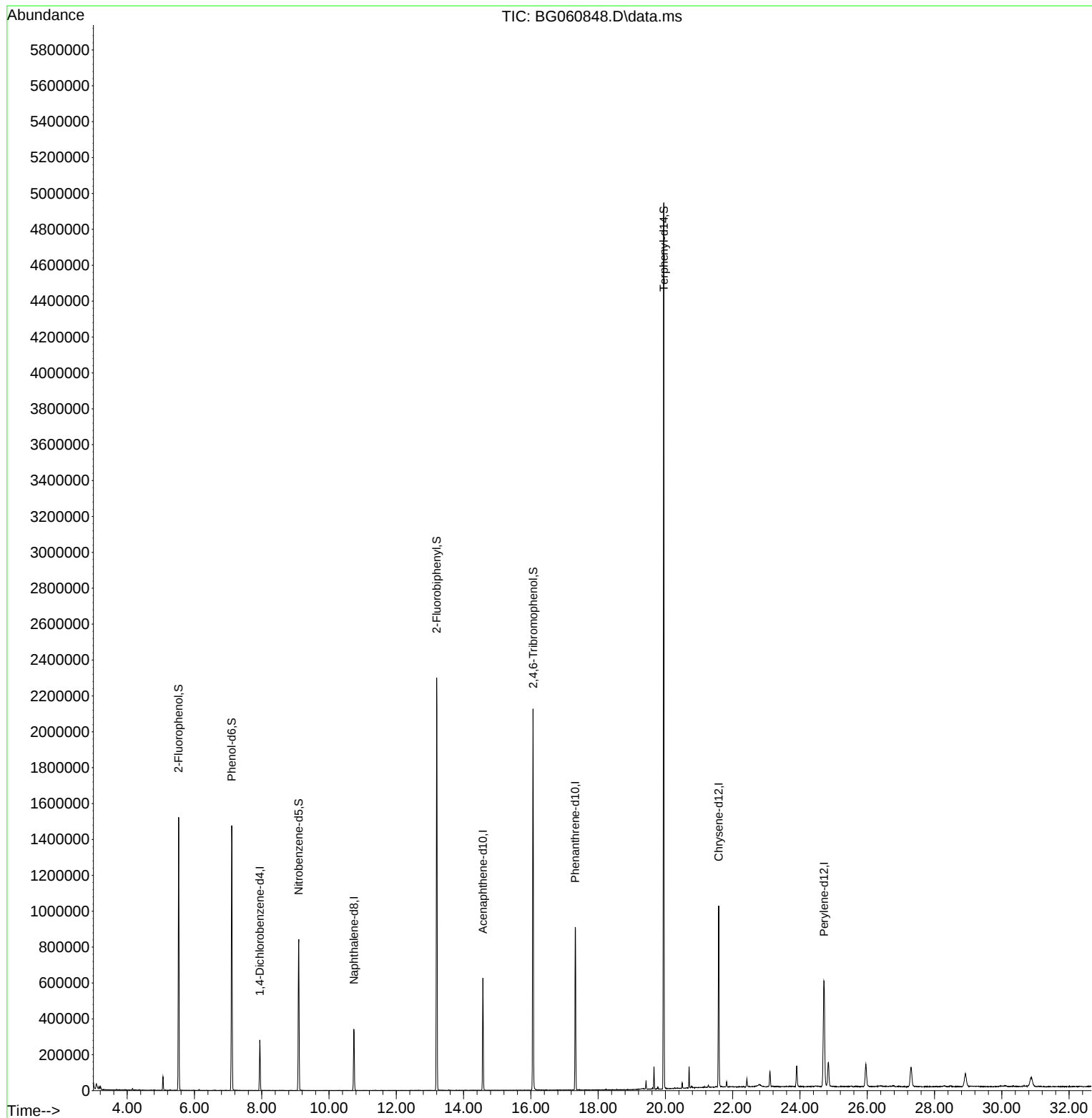
Target Compounds	Qvalue

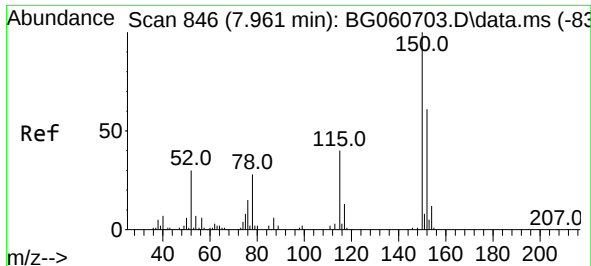
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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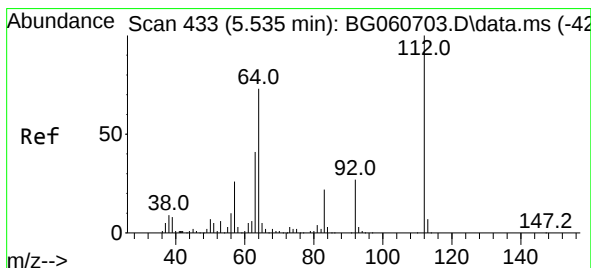
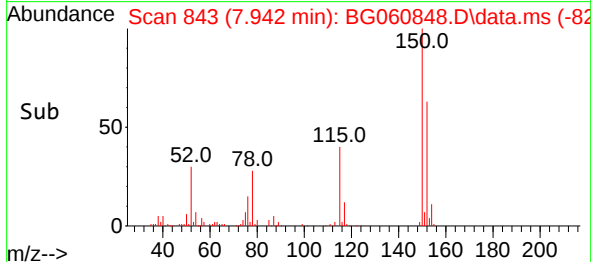
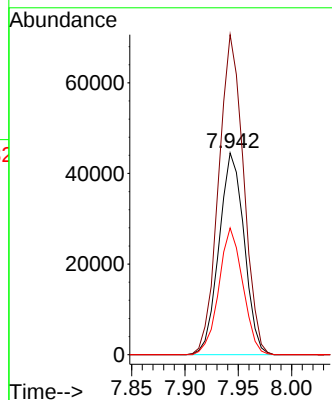
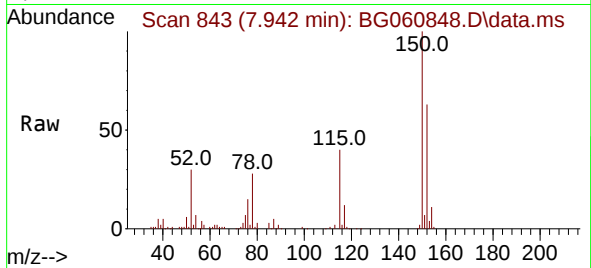




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

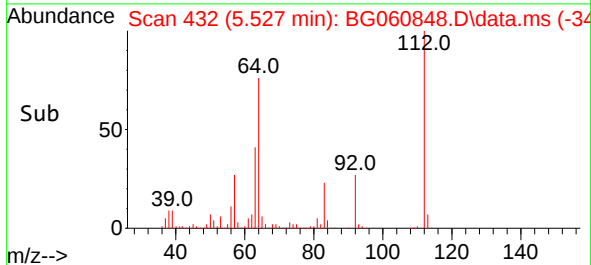
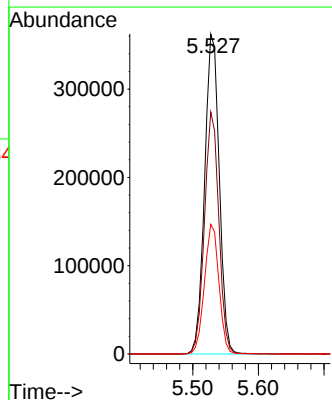
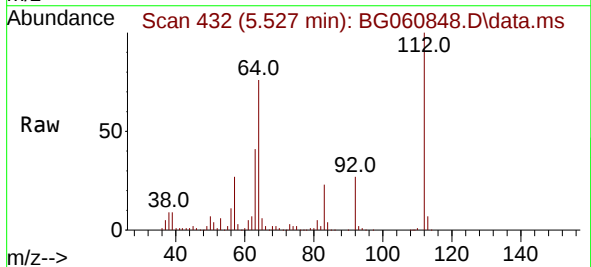
Instrument :
BNA_G
ClientSampleId :
PB160000BL

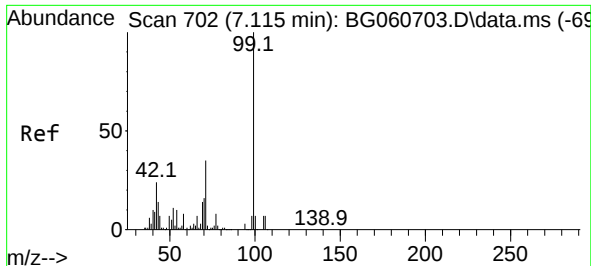
Tgt Ion:152 Resp: 72862
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.4
115 62.8 51.6 77.4



#5
2-Fluorophenol
Concen: 129.006 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.007 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion:112 Resp: 564243
Ion Ratio Lower Upper
112 100
64 75.7 58.4 87.6
63 40.5 32.7 49.1

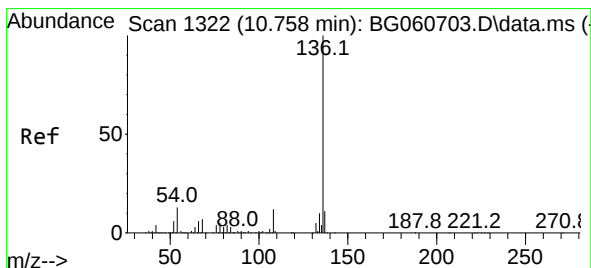
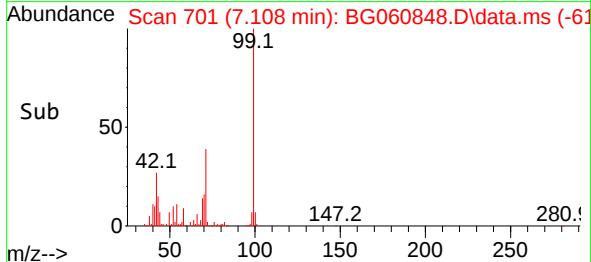
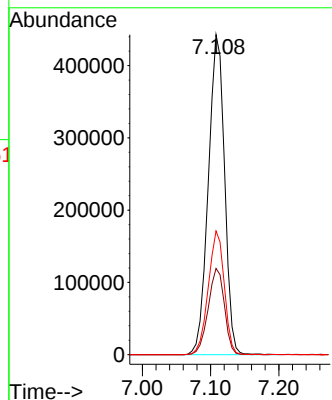
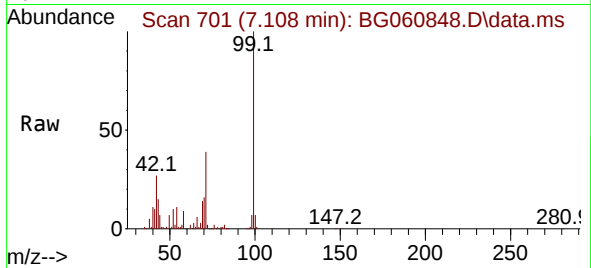




#7
Phenol-d6
Concen: 113.135 ng
RT: 7.108 min Scan# 702
Delta R.T. -0.007 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

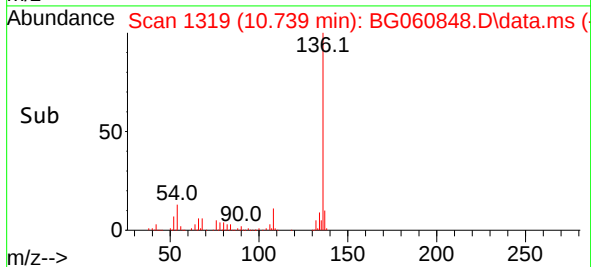
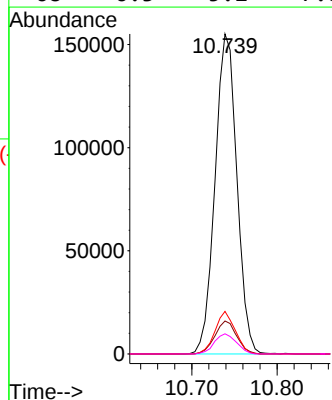
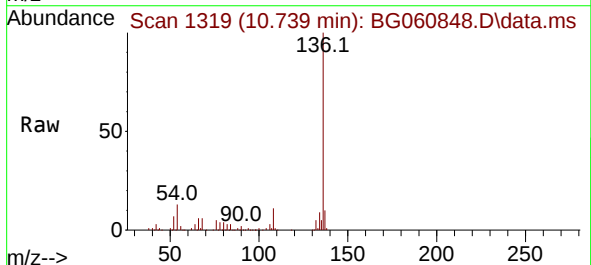
Instrument :
BNA_G
ClientSampleId :
PB160000BL

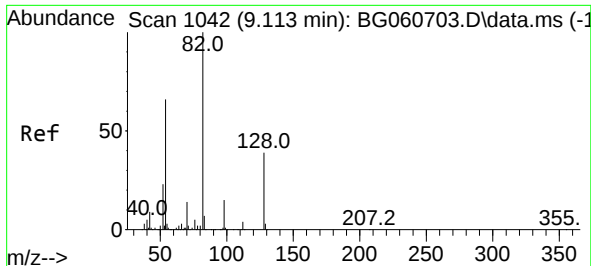
Tgt Ion: 99 Resp: 734513
Ion Ratio Lower Upper
99 100
42 27.0 19.4 29.2
71 38.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1319
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion: 136 Resp: 275983
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 13.3 10.2 15.2
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 97.700 ng

RT: 9.100 min Scan# 1042

Delta R.T. -0.013 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

Instrument :

BNA_G

ClientSampleId :

PB160000BL

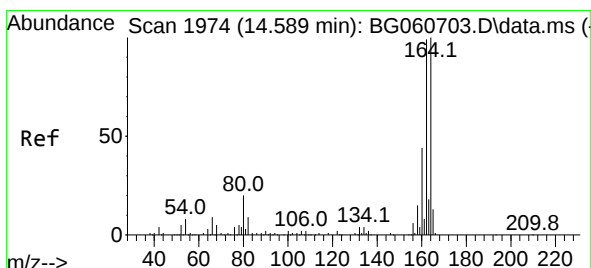
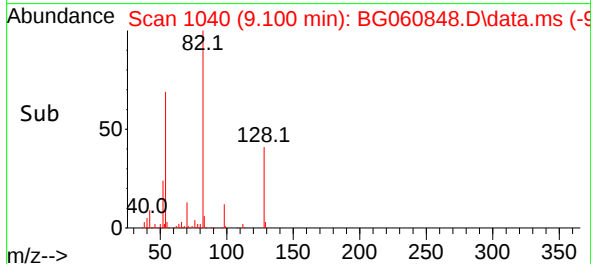
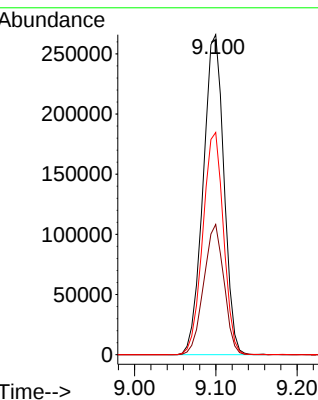
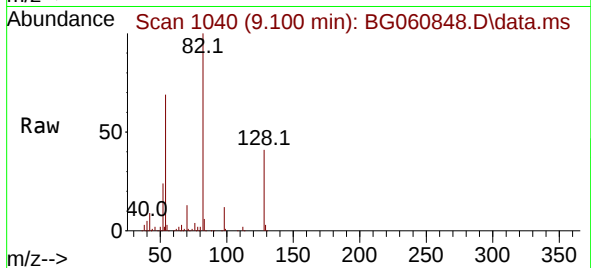
Tgt Ion: 82 Resp: 472534

Ion Ratio Lower Upper

82 100

128 40.7 31.2 46.8

54 69.4 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.576 min Scan# 1972

Delta R.T. -0.013 min

Lab File: BG060848.D

Acq: 10 Apr 2024 12:20

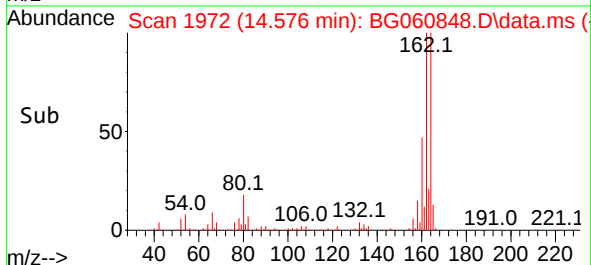
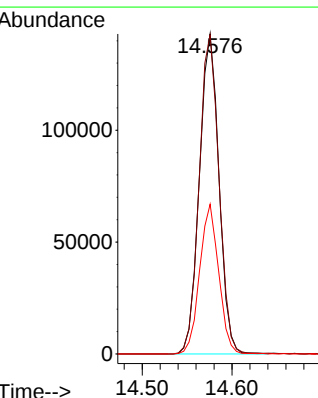
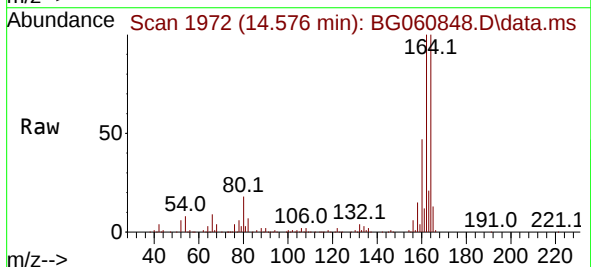
Tgt Ion: 164 Resp: 216493

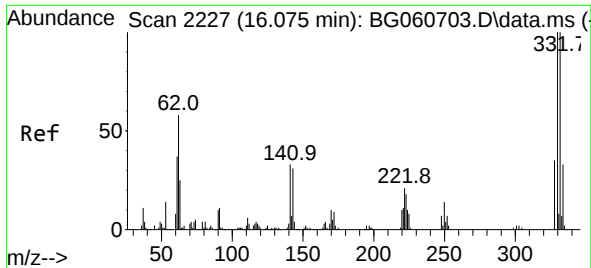
Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

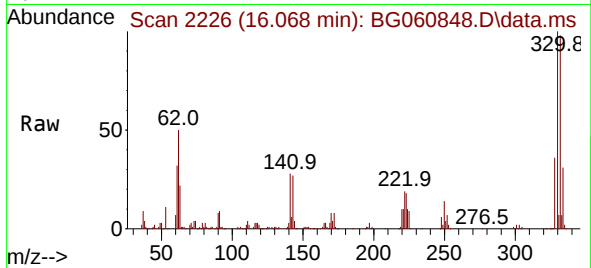
160 46.8 35.4 53.0



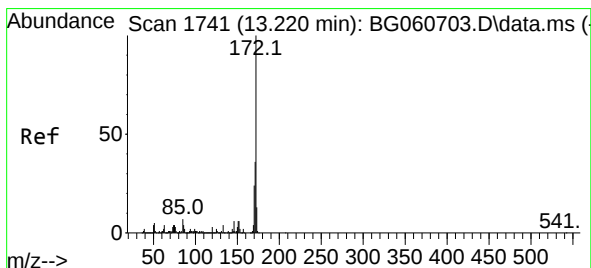
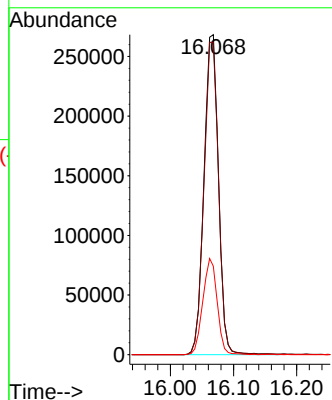
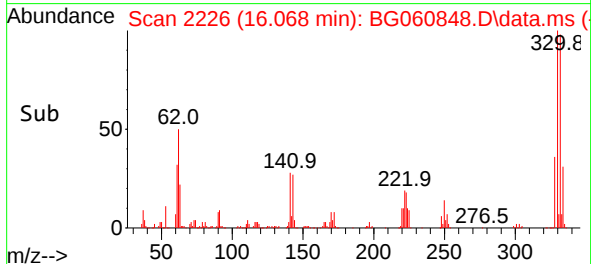


#42
2,4,6-Tribromophenol
Concen: 174.207 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

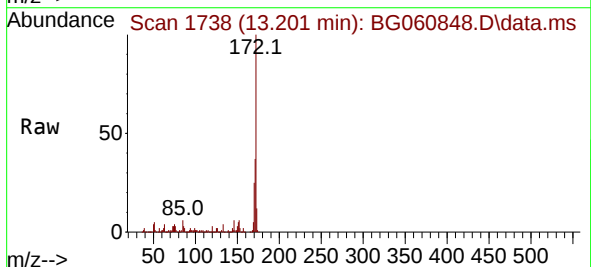
Instrument :
BNA_G
ClientSampleId :
PB160000BL



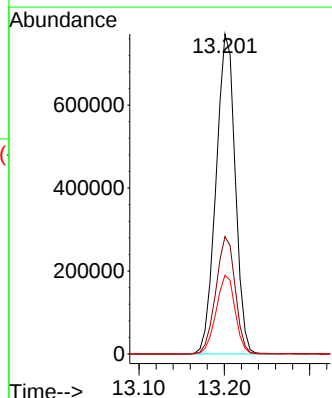
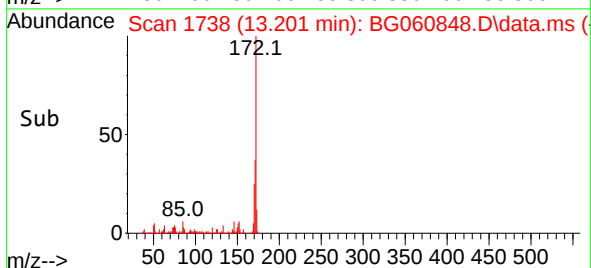
Tgt Ion:330 Resp: 428122
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.4
141 29.6 27.0 40.6

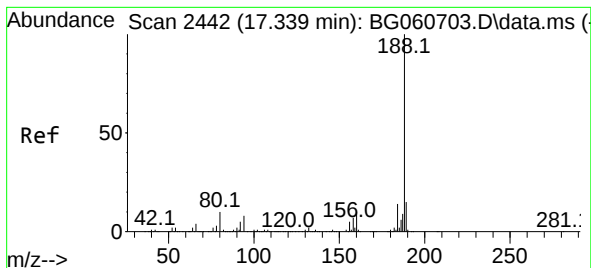


#45
2-Fluorobiphenyl
Concen: 81.650 ng
RT: 13.201 min Scan# 1738
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20



Tgt Ion:172 Resp: 1204442
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.6 19.4 29.0

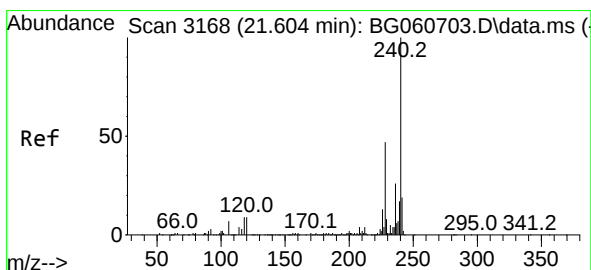
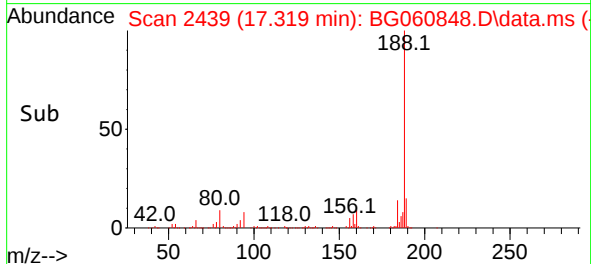
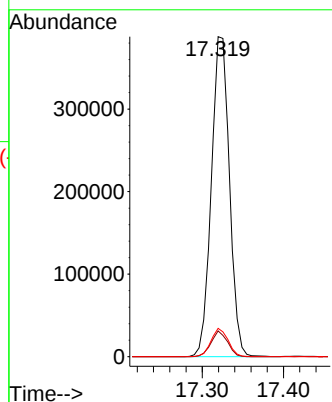
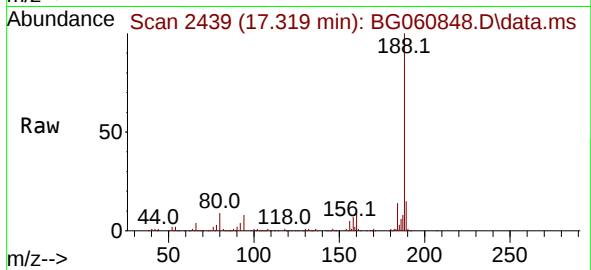




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2442
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

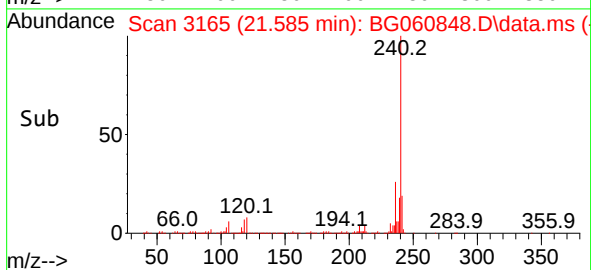
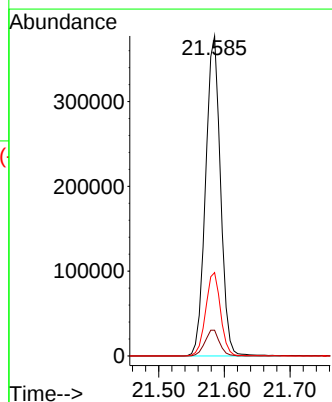
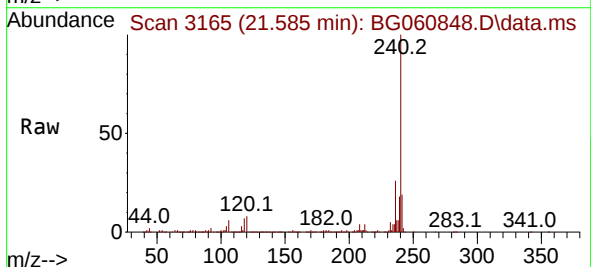
Instrument :
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ClientSampleId :
PB160000BL

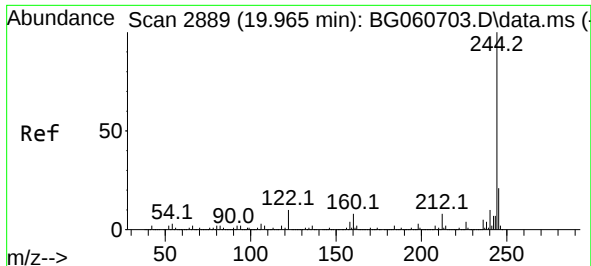
Tgt Ion:188 Resp: 598826
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3165
Delta R.T. -0.019 min
Lab File: BG060848.D
Acq: 10 Apr 2024 12:20

Tgt Ion:240 Resp: 596368
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 26.1 20.7 31.1

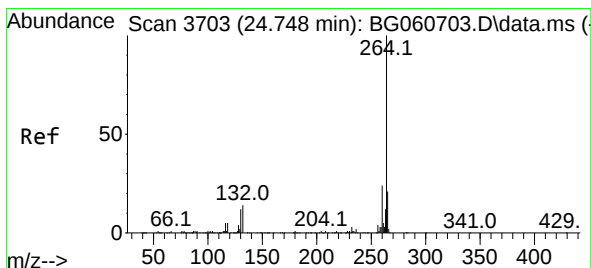
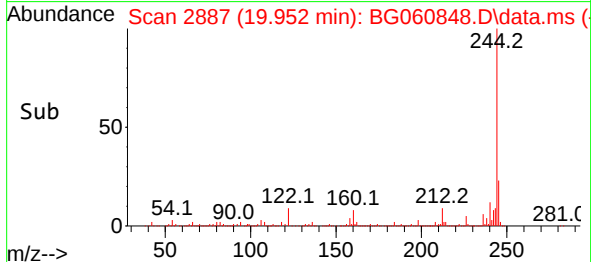
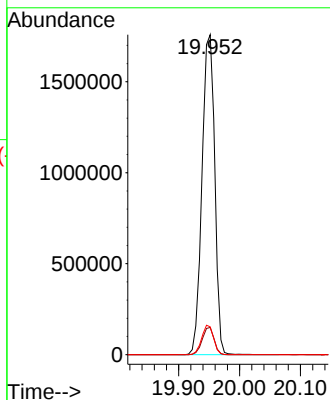
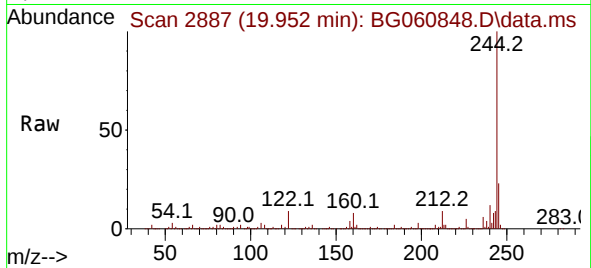




#79
 Terphenyl-d14
 Concen: 75.374 ng
 RT: 19.952 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060848.D
 Acq: 10 Apr 2024 12:20

Instrument :
 BNA_G
 ClientSampleId :
 PB160000BL

Tgt Ion:244 Resp: 2552813
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.2
 122 8.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.711 min Scan# 3697
 Delta R.T. -0.037 min
 Lab File: BG060848.D
 Acq: 10 Apr 2024 12:20

Tgt Ion:264 Resp: 679698
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.1 16.9 25.3

