

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060826.D
 Acq On : 8 Apr 2024 15:10
 Operator : MA/JU
 Sample : PB160020TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160020TB

Quant Time: Apr 08 15:45:46 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	7.950	152	50213	20.000	ng	-0.01
21) Naphthalene-d8	10.741	136	188204	20.000	ng	-0.02
39) Acenaphthene-d10	14.578	164	155263	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	422219	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	427987	20.000	ng	-0.02
86) Perylene-d12	24.719	264	502050	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	389694	129.287	ng	0.00
7) Phenol-d6	7.116	99	523444	116.992	ng	0.00
23) Nitrobenzene-d5	9.102	82	334249	101.341	ng	-0.01
42) 2,4,6-Tribromophenol	16.064	330	319355	181.196	ng	-0.01
45) 2-Fluorobiphenyl	13.203	172	875923	82.797	ng	-0.02
79) Terphenyl-d14	19.954	244	2016510	82.964	ng	-0.01

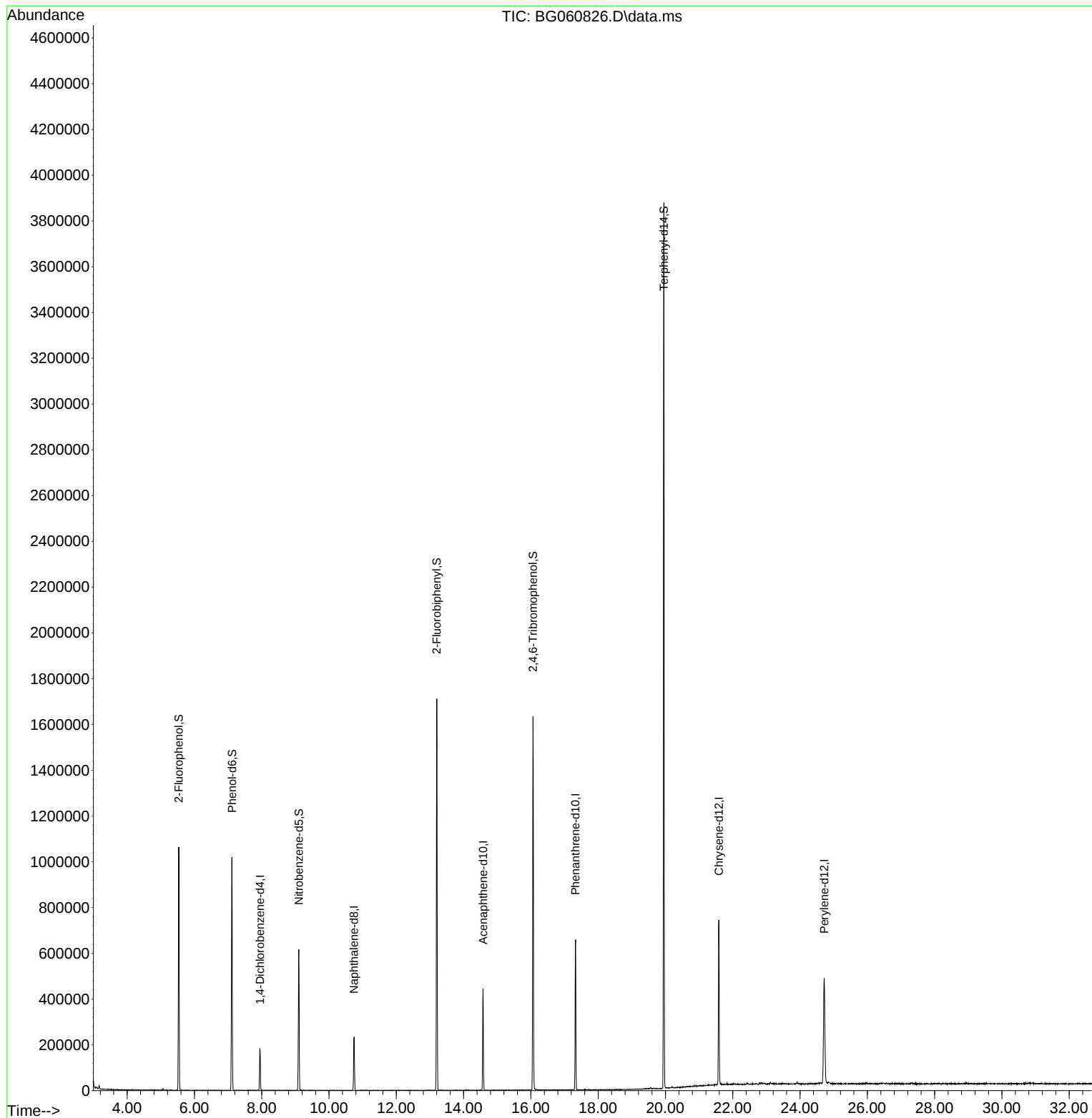
Target Compounds	Qvalue

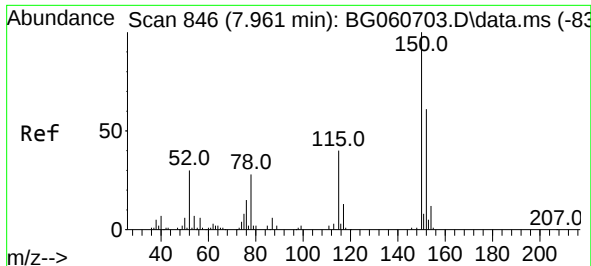
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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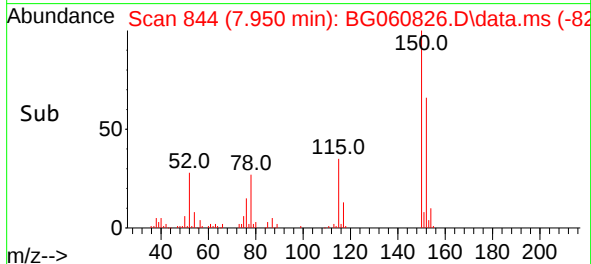
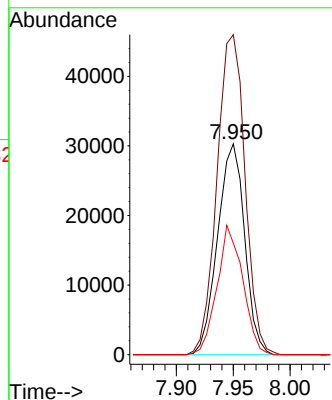
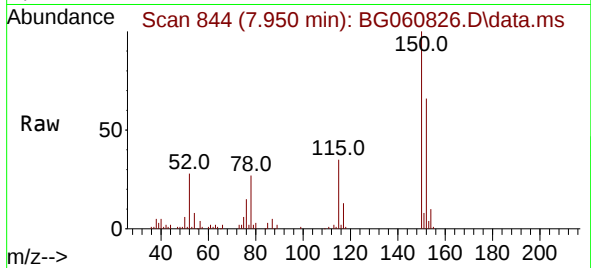




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

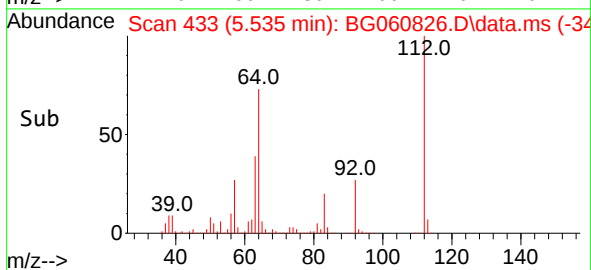
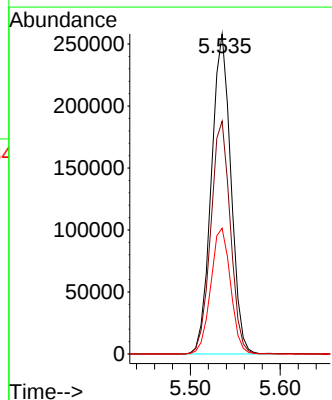
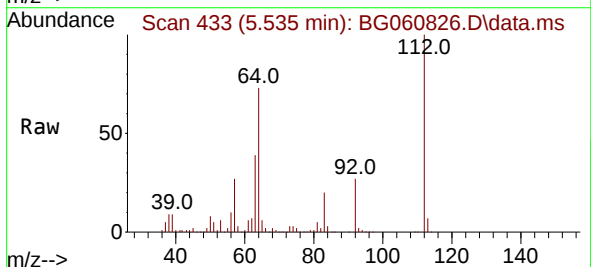
Instrument :
BNA_G
ClientSampleId :
PB160020TB

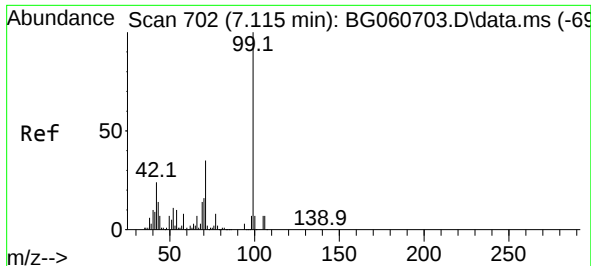
Tgt Ion:152 Resp: 50213
Ion Ratio Lower Upper
152 100
150 151.7 130.2 195.4
115 52.8 51.6 77.4



#5
2-Fluorophenol
Concen: 129.287 ng
RT: 5.535 min Scan# 433
Delta R.T. 0.000 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Tgt Ion:112 Resp: 389694
Ion Ratio Lower Upper
112 100
64 72.7 58.4 87.6
63 39.3 32.7 49.1

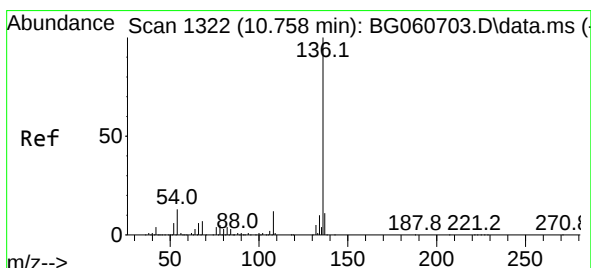
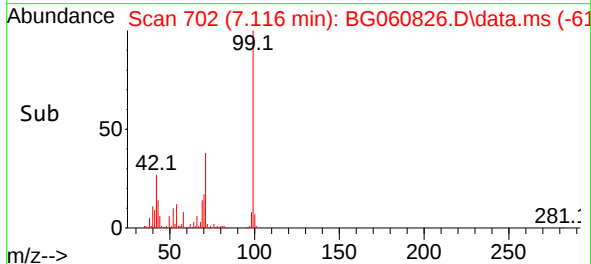
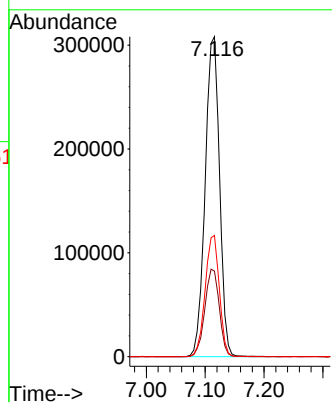
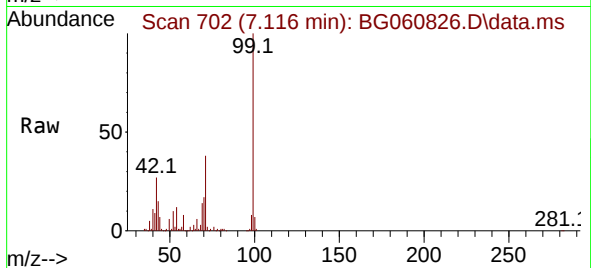




#7
Phenol-d6
Concen: 116.992 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

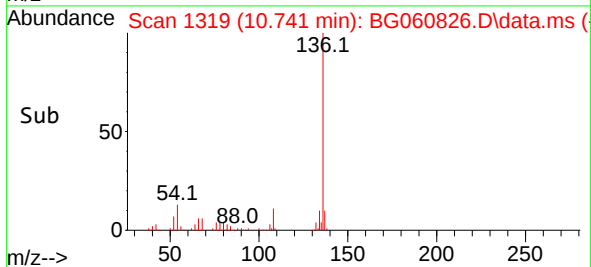
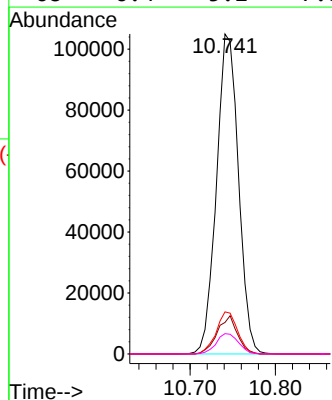
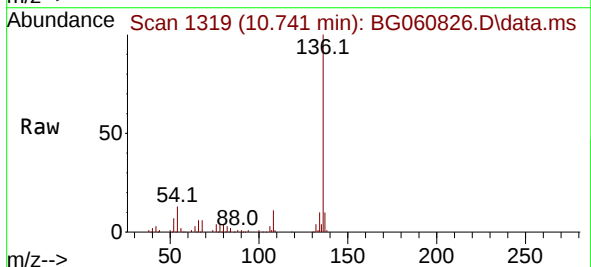
Instrument :
BNA_G
ClientSampleId :
PB160020TB

Tgt Ion: 99 Resp: 523444
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 37.9 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Tgt Ion:136 Resp: 188204
Ion Ratio Lower Upper
136 100
137 9.9 8.8 13.2
54 13.2 10.2 15.2
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 101.341 ng

RT: 9.102 min Scan# 1040

Delta R.T. -0.011 min

Lab File: BG060826.D

Acq: 8 Apr 2024 15:10

Instrument :

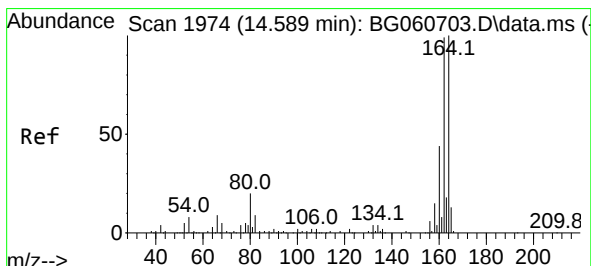
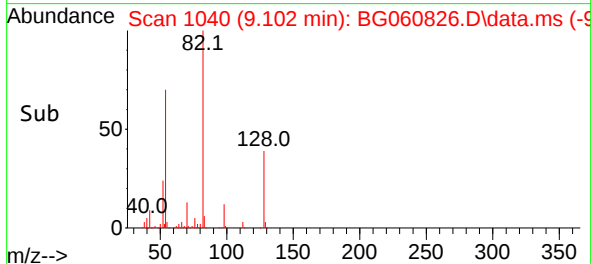
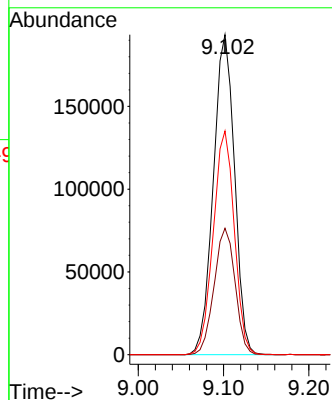
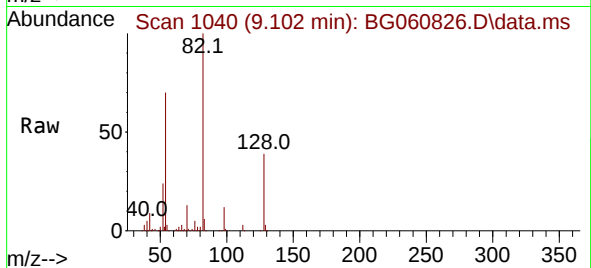
BNA_G

ClientSampleId :

PB160020TB

Tgt Ion: 82 Resp: 334249

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.2	46.8
54	69.9	53.2	79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.578 min Scan# 1972

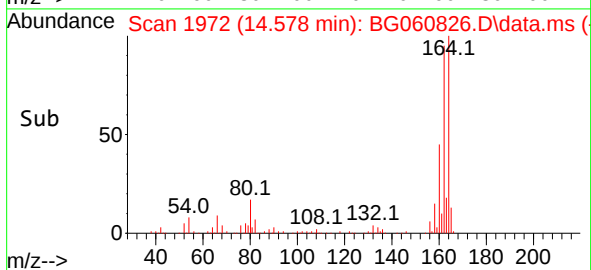
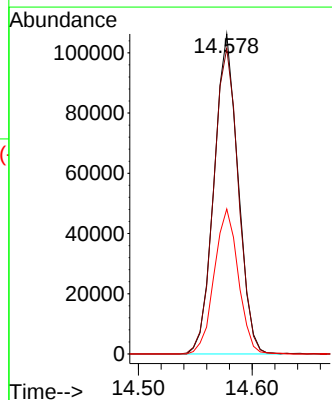
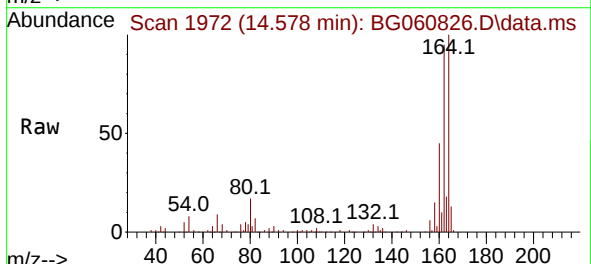
Delta R.T. -0.011 min

Lab File: BG060826.D

Acq: 8 Apr 2024 15:10

Tgt Ion: 164 Resp: 155263

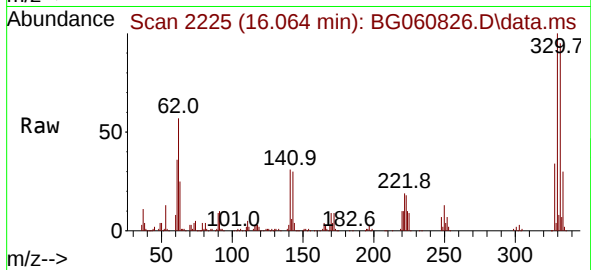
Ion	Ratio	Lower	Upper
164	100		
162	95.4	79.5	119.3
160	45.3	35.4	53.0



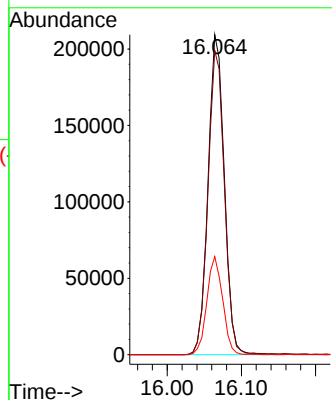
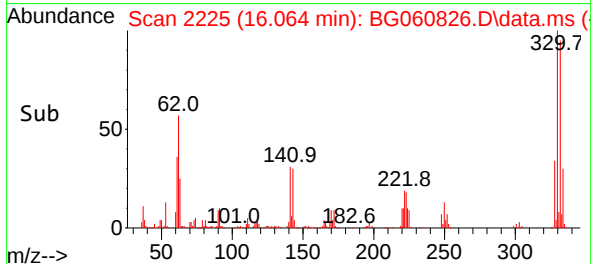


#42
2,4,6-Tribromophenol
Concen: 181.196 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

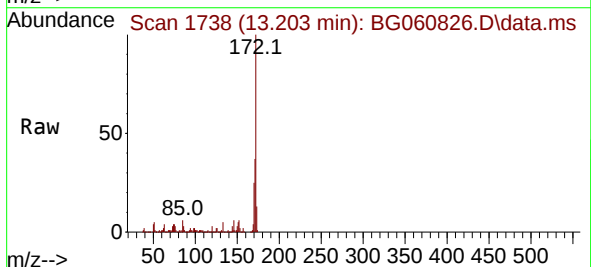
Instrument :
BNA_G
ClientSampleId :
PB160020TB



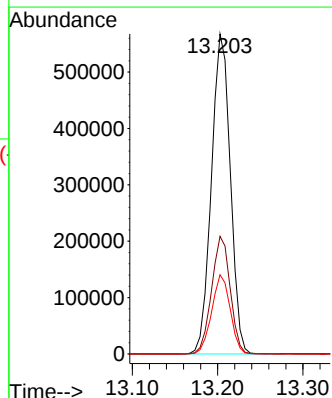
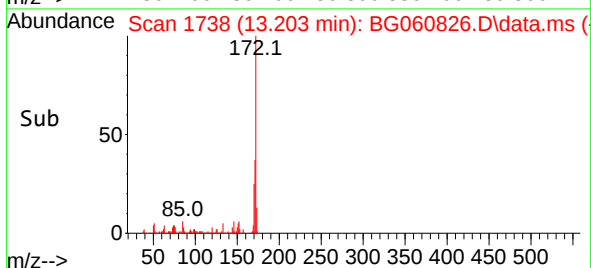
Tgt Ion:330 Resp: 319355
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 29.8 27.0 40.6

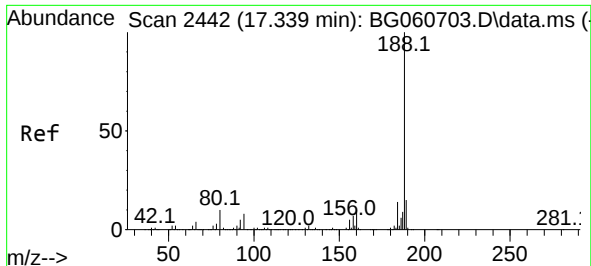


#45
2-Fluorobiphenyl
Concen: 82.797 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10



Tgt Ion:172 Resp: 875923
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.7 19.4 29.0

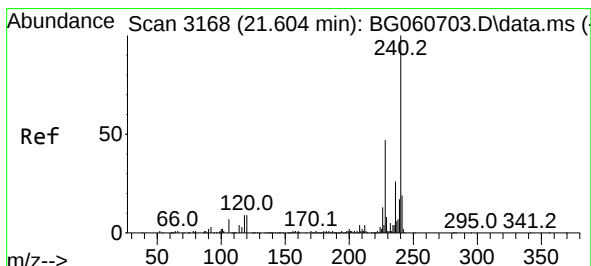
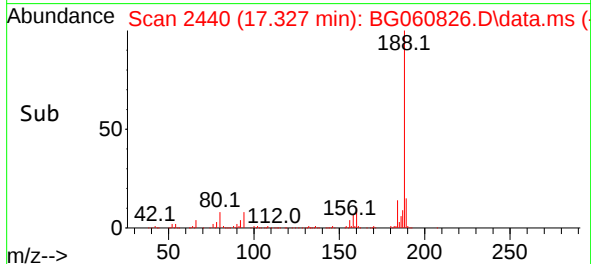
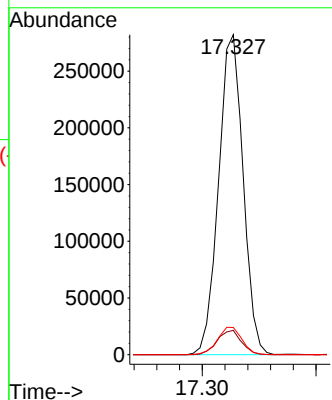
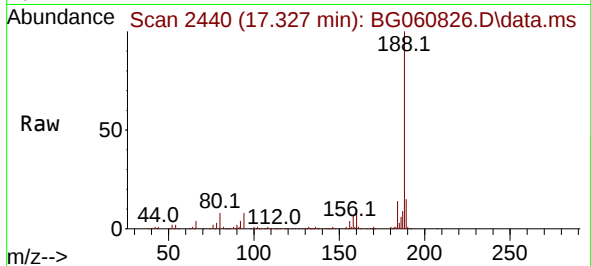




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.011 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

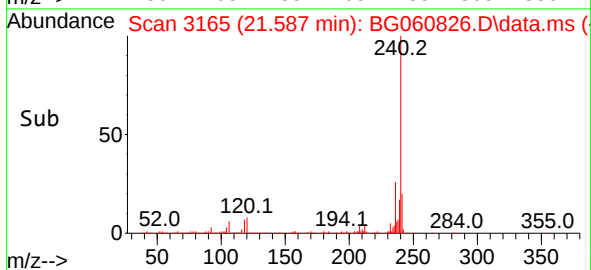
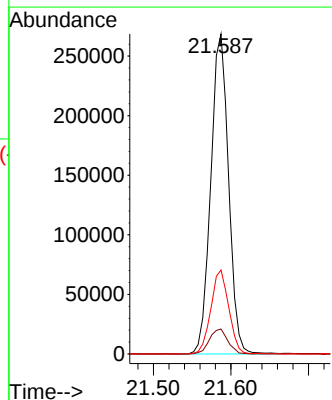
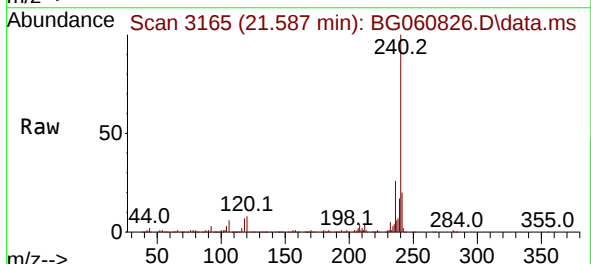
Instrument :
BNA_G
ClientSampleId :
PB160020TB

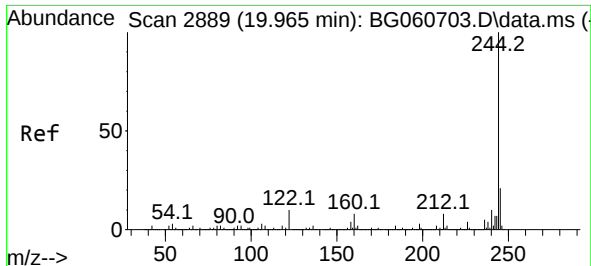
Tgt Ion:188 Resp: 422219
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Tgt Ion:240 Resp: 427987
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.2 20.7 31.1

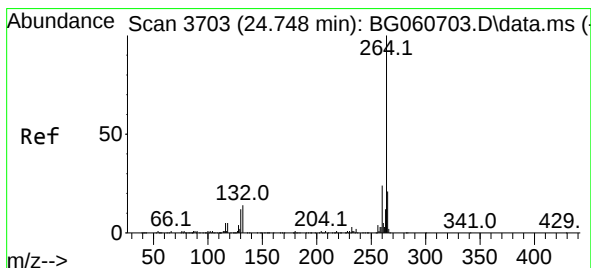
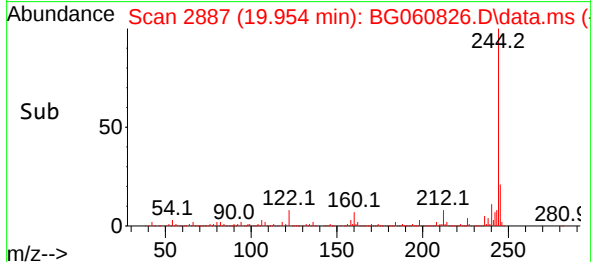
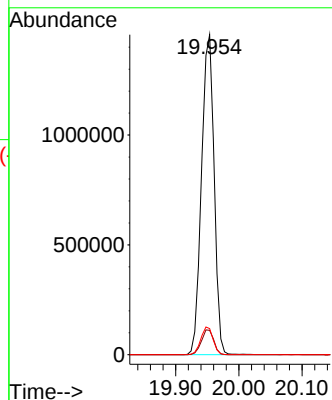
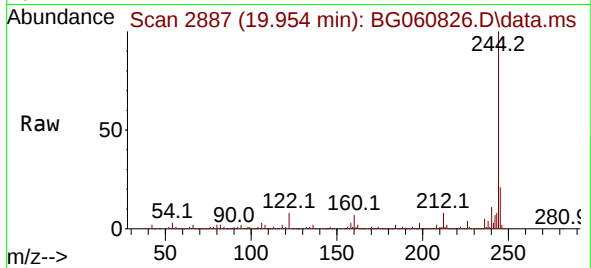




#79
 Terphenyl-d14
 Concen: 82.964 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG060826.D
 Acq: 8 Apr 2024 15:10

Instrument :
 BNA_G
 ClientSampleId :
 PB160020TB

Tgt Ion:244 Resp: 2016510
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.719 min Scan# 3698
 Delta R.T. -0.029 min
 Lab File: BG060826.D
 Acq: 8 Apr 2024 15:10

Tgt Ion:264 Resp: 502050
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.3 16.9 25.3

