

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060783.D
Acq On : 4 Apr 2024 18:15
Operator : MA/JU
Sample : P1957-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

Quant Time: Apr 04 19:11:48 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	7.956	152	55280	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	205806	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	156224	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	399000	20.000	ng	0.00
76) Chrysene-d12	21.593	240	434058	20.000	ng	-0.01
86) Perylene-d12	24.736	264	518686	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	389021	117.233	ng	0.00
7) Phenol-d6	7.116	99	450399	91.439	ng	0.00
23) Nitrobenzene-d5	9.107	82	348019	96.491	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	287823	162.301	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	817291	76.780	ng	-0.01
79) Terphenyl-d14	19.959	244	1802074	73.104	ng	0.00

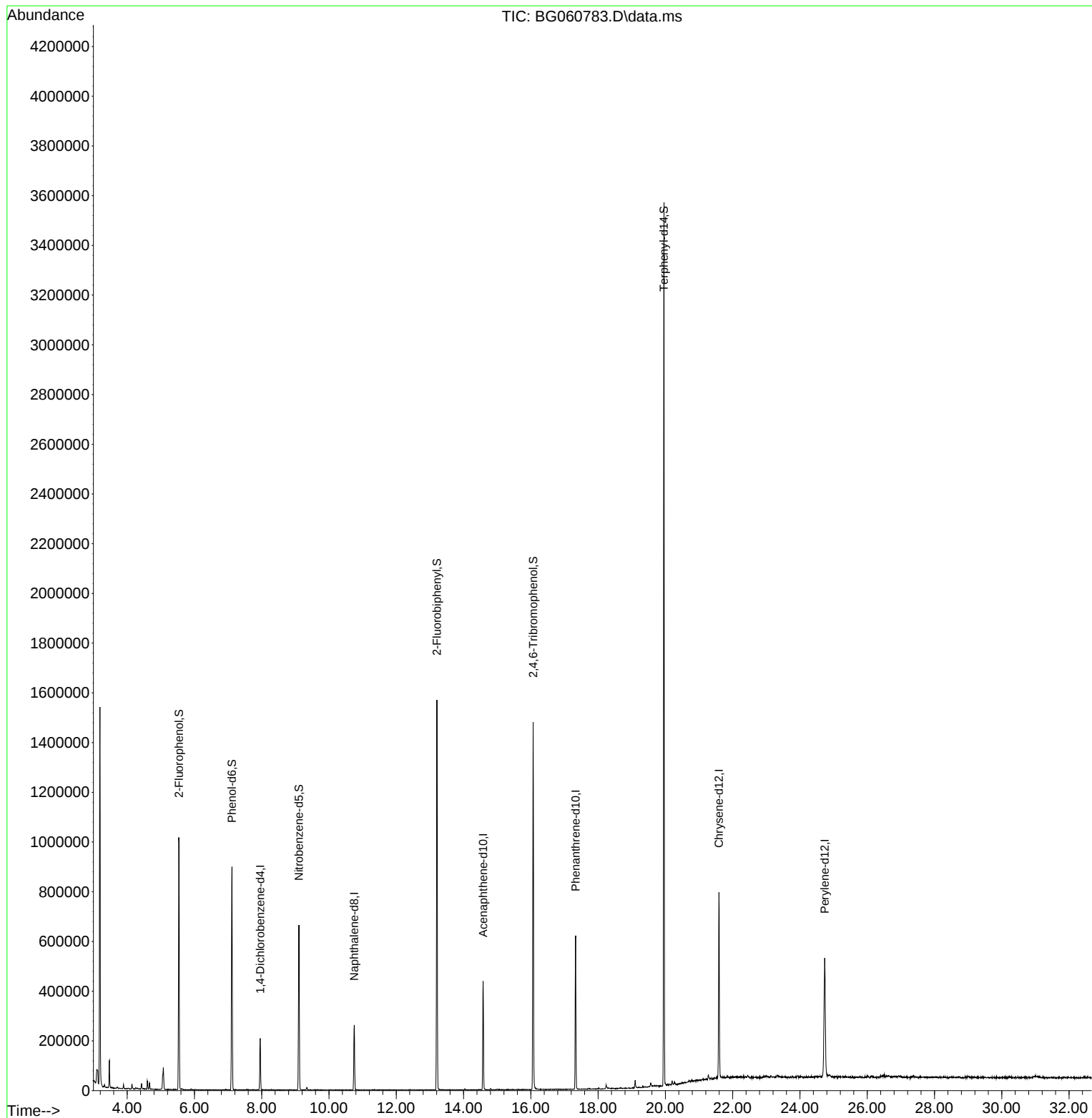
Target Compounds	Qvalue

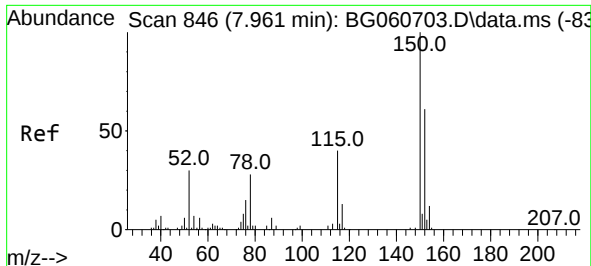
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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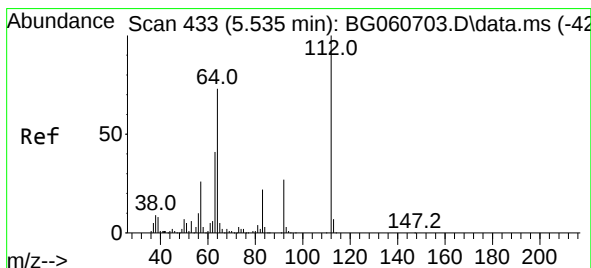
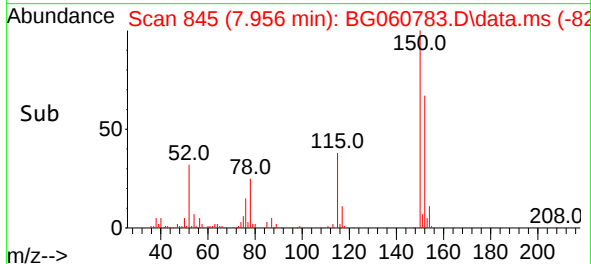
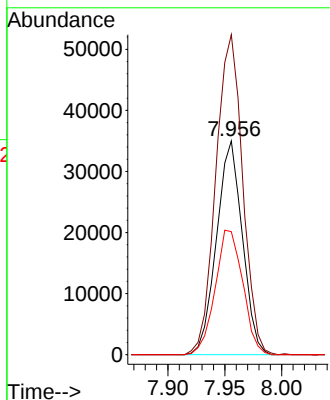
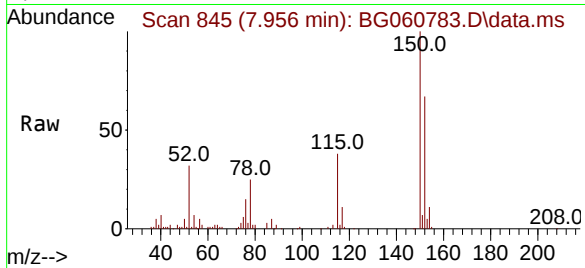




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 846
Delta R.T. -0.005 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

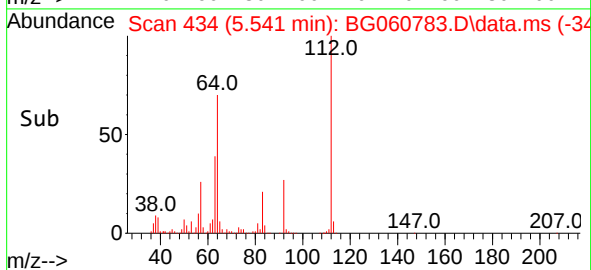
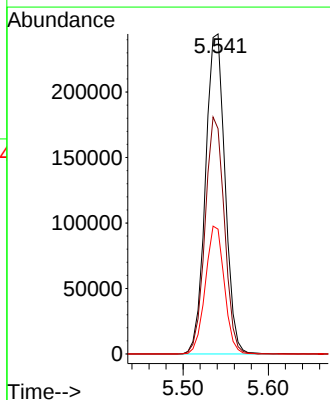
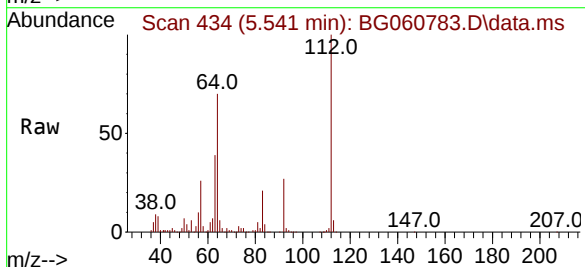
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

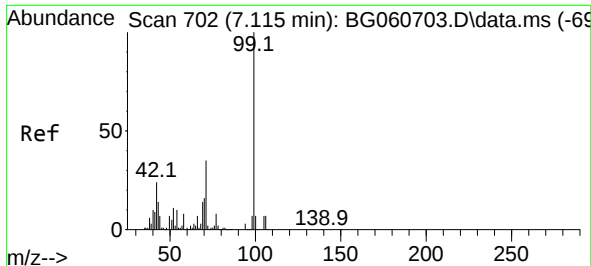
Tgt Ion:152 Resp: 55280
Ion Ratio Lower Upper
152 100
150 149.7 130.2 195.4
115 57.6 51.6 77.4



#5
2-Fluorophenol
Concen: 117.233 ng
RT: 5.541 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion:112 Resp: 389021
Ion Ratio Lower Upper
112 100
64 70.4 58.4 87.6
63 39.0 32.7 49.1

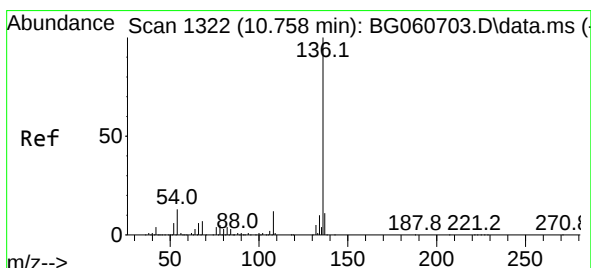
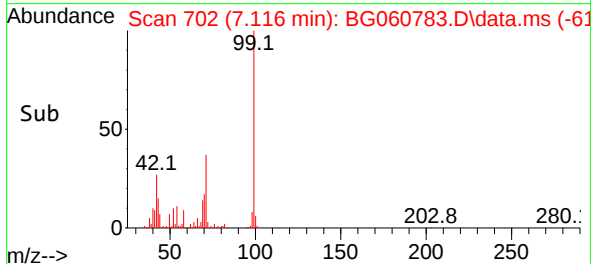
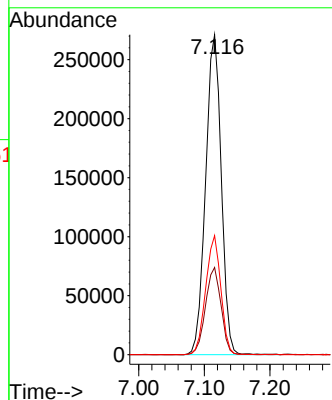
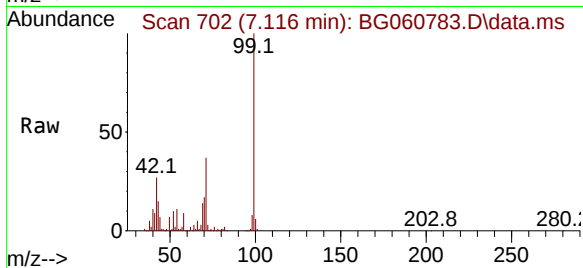




#7
Phenol-d6
Concen: 91.439 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

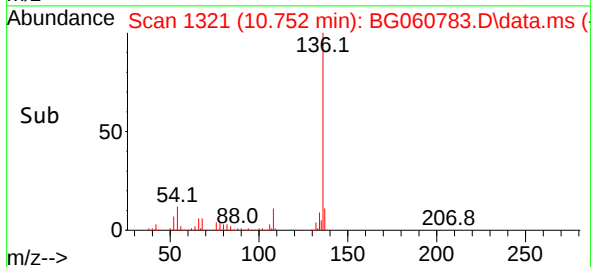
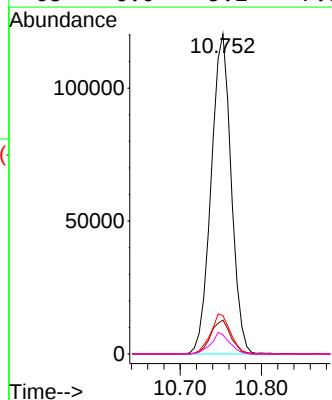
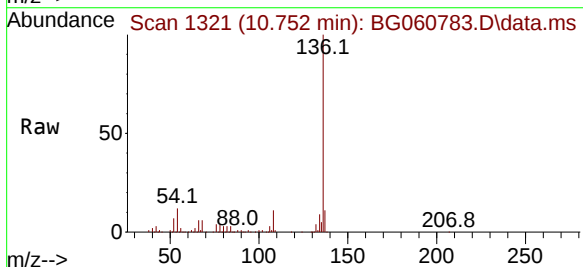
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

Tgt Ion: 99 Resp: 450399
Ion Ratio Lower Upper
99 100
42 27.3 19.4 29.2
71 37.2 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion: 136 Resp: 205806
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 12.0 10.2 15.2
68 6.0 5.2 7.8

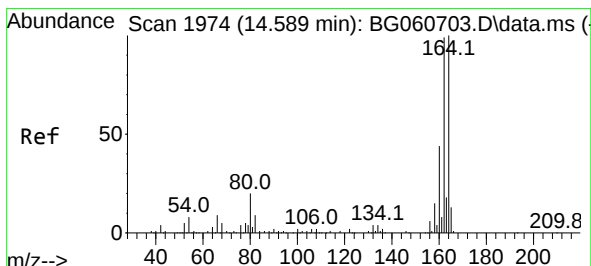
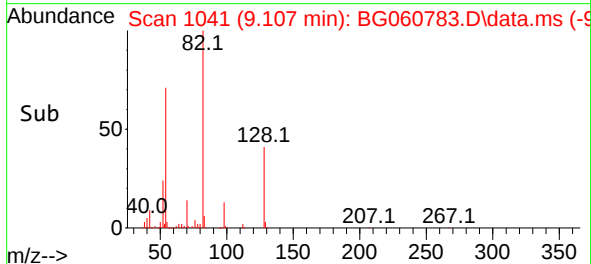
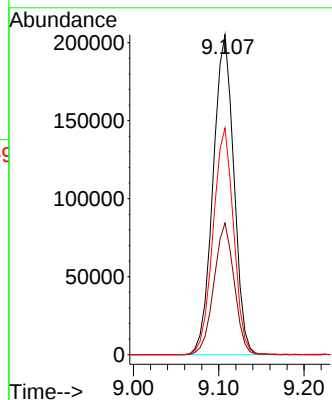
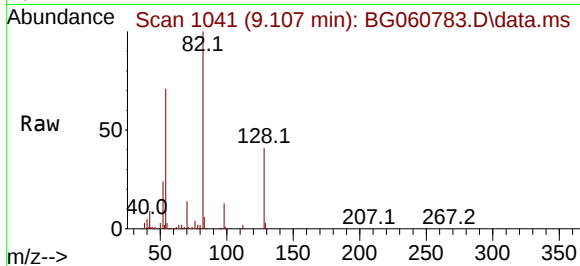




#23
Nitrobenzene-d5
Concen: 96.491 ng
RT: 9.107 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

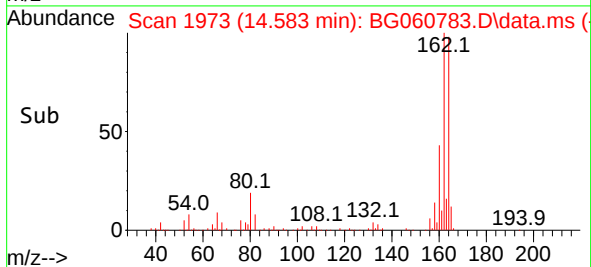
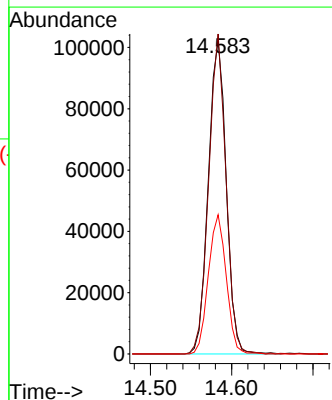
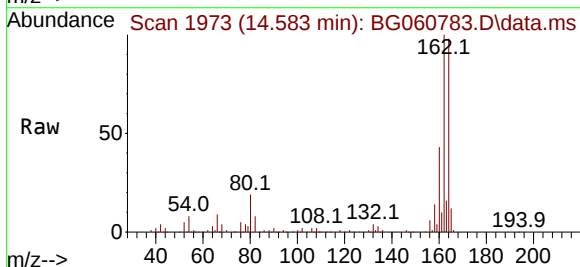
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

Tgt Ion: 82 Resp: 348019
Ion Ratio Lower Upper
82 100
128 41.2 31.2 46.8
54 70.8 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

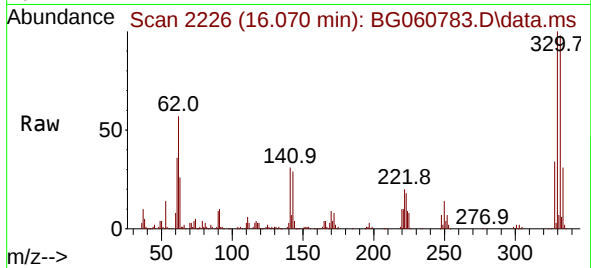
Tgt Ion: 164 Resp: 156224
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 44.4 35.4 53.0



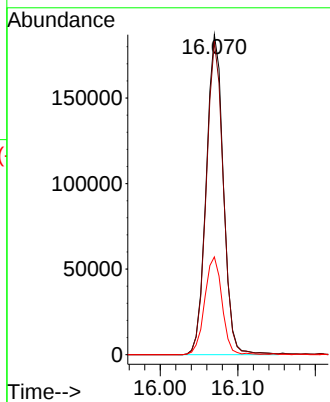
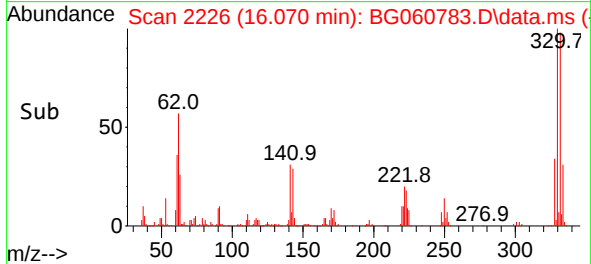


#42
2,4,6-Tribromophenol
Concen: 162.301 ng
RT: 16.070 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

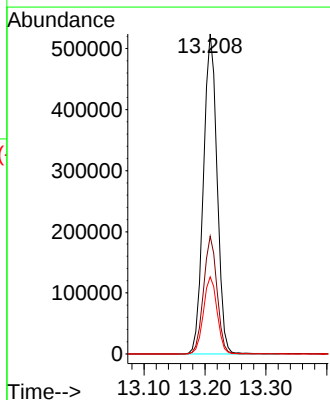
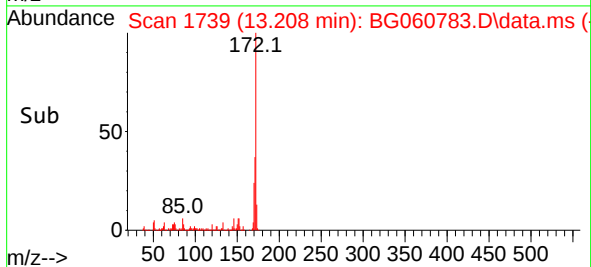
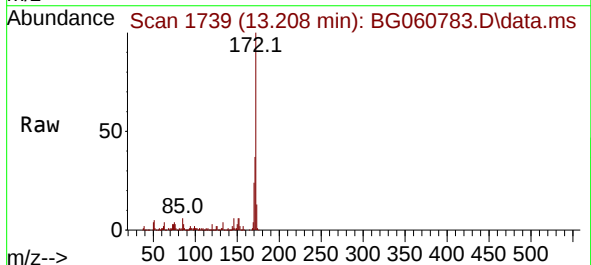


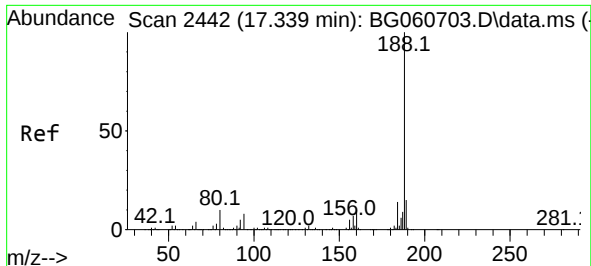
Tgt Ion:330 Resp: 287823
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 30.9 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 76.780 ng
RT: 13.208 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion:172 Resp: 817291
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.1 19.4 29.0

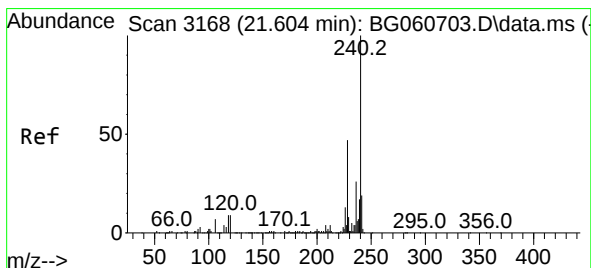
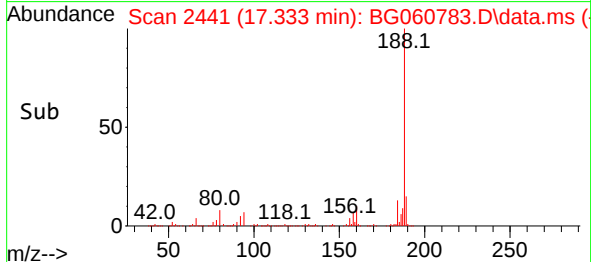
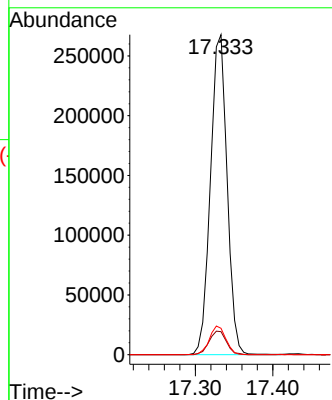
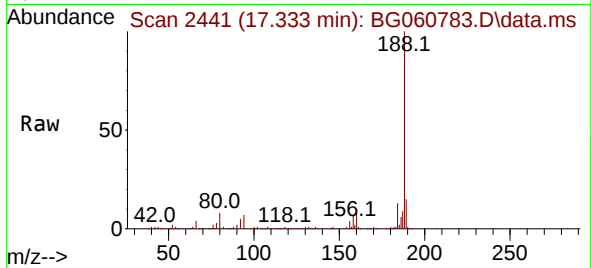




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

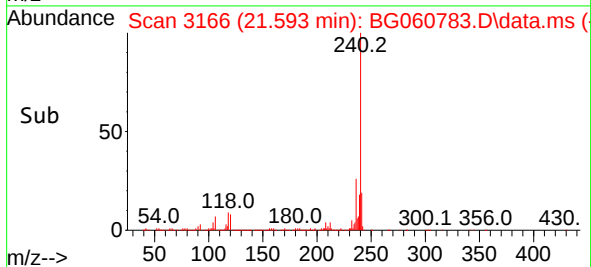
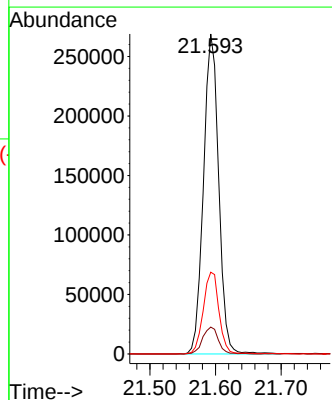
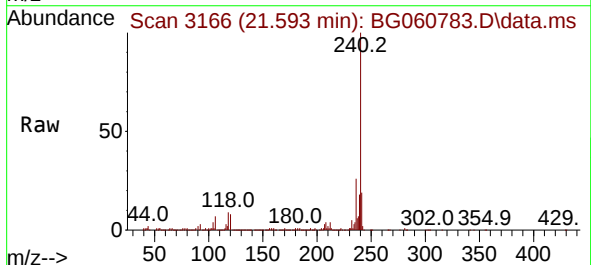
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

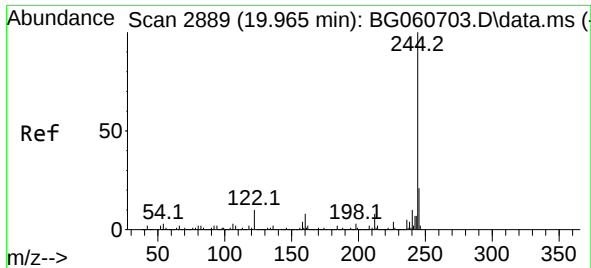
Tgt Ion:188 Resp: 399000
Ion Ratio Lower Upper
188 100
94 7.2 6.6 9.8
80 8.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.593 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion:240 Resp: 434058
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 25.5 20.7 31.1

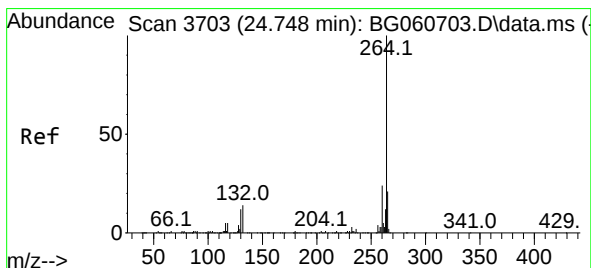
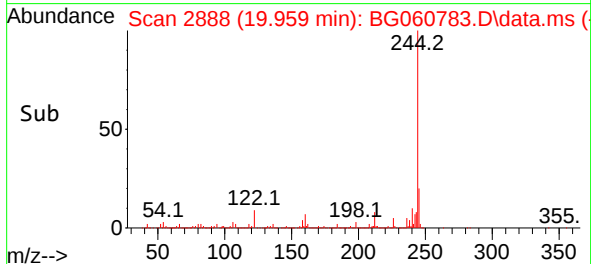
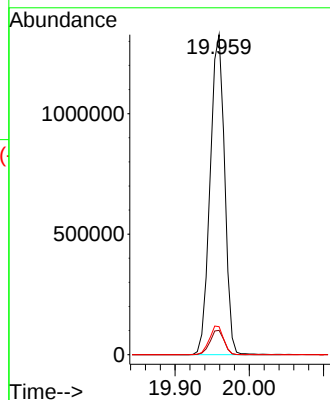
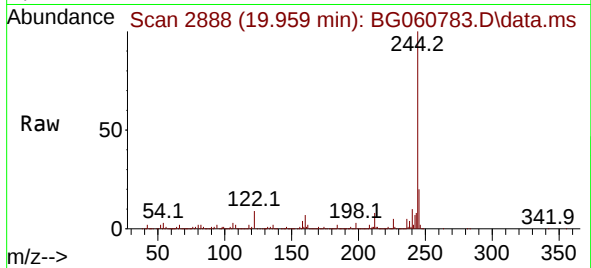




#79
 Terphenyl-d14
 Concen: 73.104 ng
 RT: 19.959 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG060783.D
 Acq: 4 Apr 2024 18:15

Instrument :
 BNA_G
 ClientSampleId :
 NM-DRUMS-040224

Tgt Ion:244 Resp: 1802074
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 8.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3701
 Delta R.T. -0.012 min
 Lab File: BG060783.D
 Acq: 4 Apr 2024 18:15

Tgt Ion:264 Resp: 518686
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.5 16.9 25.3

