

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
Data File : BG060773.D
Acq On : 4 Apr 2024 11:13
Operator : MA/JU
Sample : PB159958BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB159958BL

Quant Time: Apr 04 12:04:59 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	7.961	152	54748	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	227066	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	177969	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	522618	20.000	ng	0.00
76) Chrysene-d12	21.598	240	566802	20.000	ng	0.00
86) Perylene-d12	24.747	264	635782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	438194	133.335	ng	0.00
7) Phenol-d6	7.121	99	592705	121.498	ng	0.00
23) Nitrobenzene-d5	9.113	82	379090	95.265	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	360957	178.671	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	971541	80.119	ng	0.00
79) Terphenyl-d14	19.965	244	2468712	76.693	ng	0.00

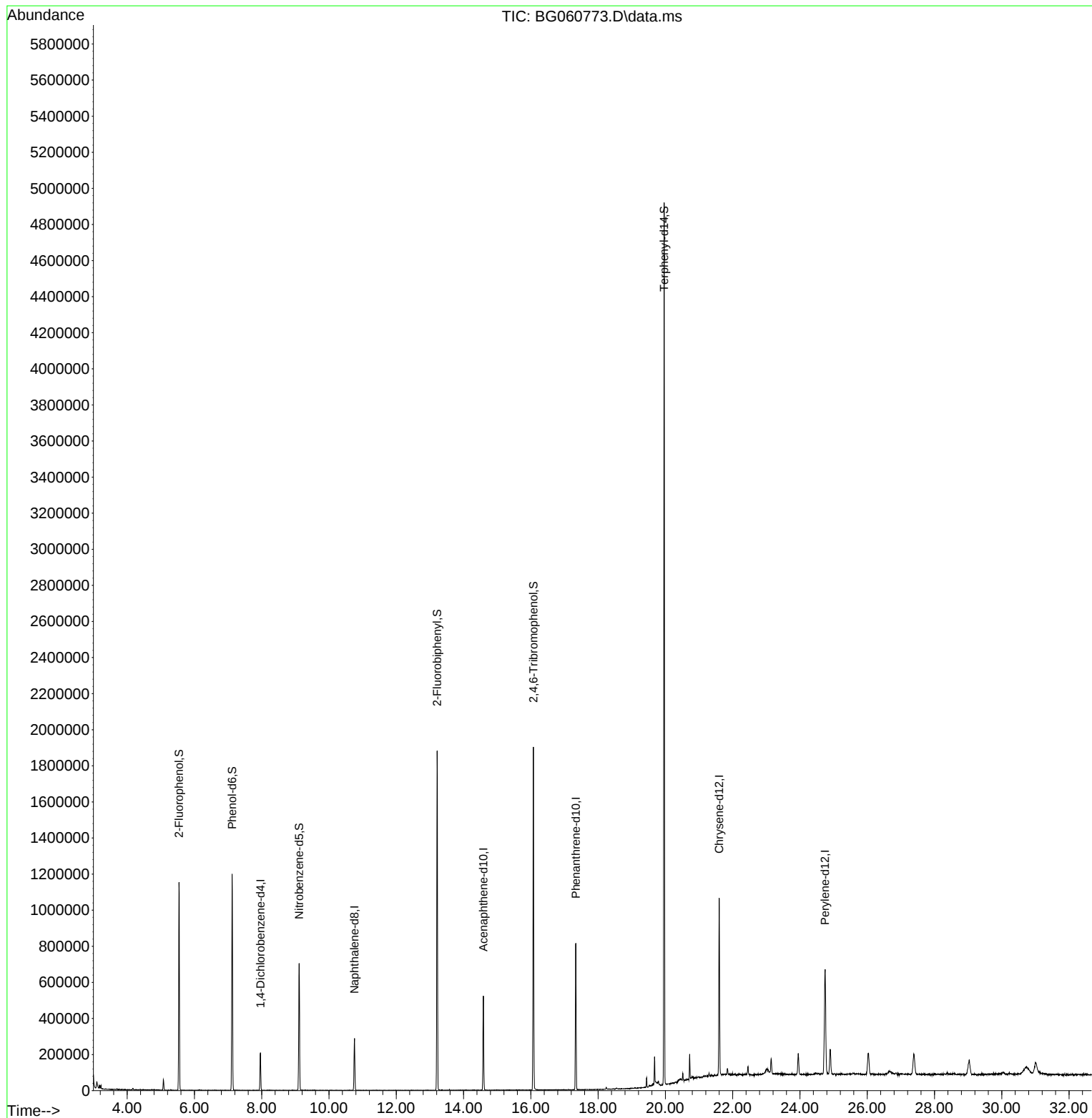
Target Compounds	Qvalue

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

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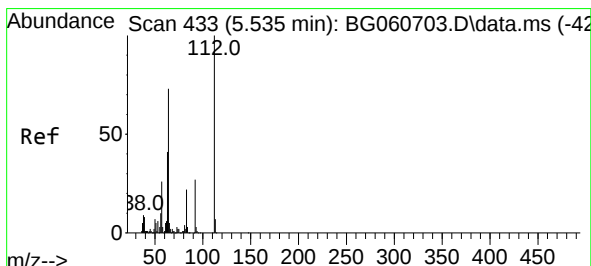
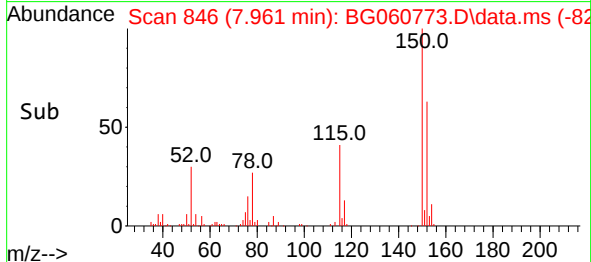
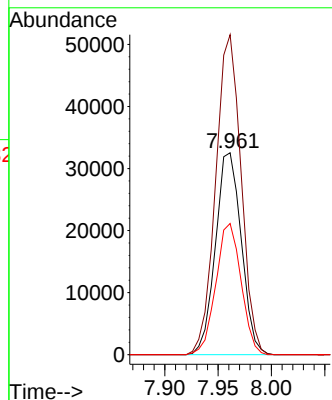
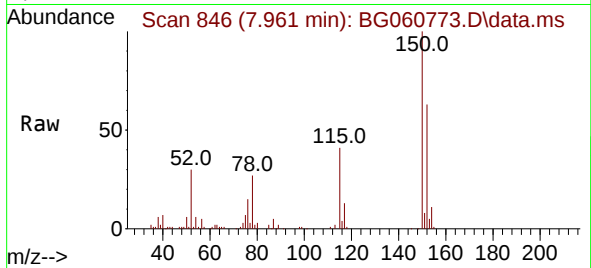




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

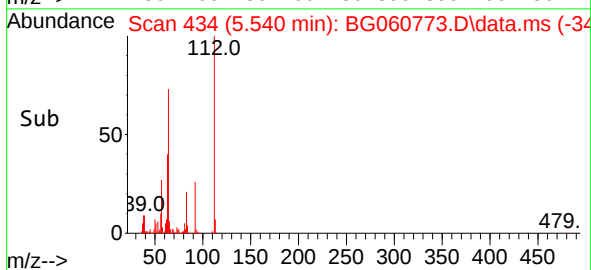
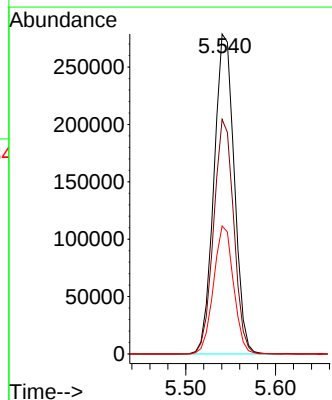
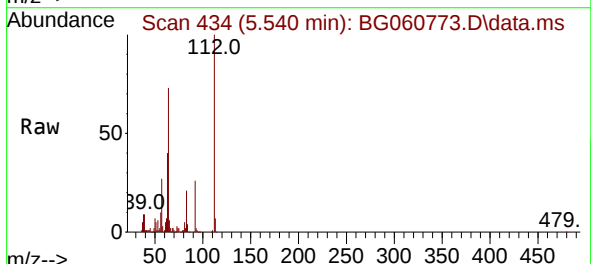
Instrument :
BNA_G
ClientSampleId :
PB159958BL

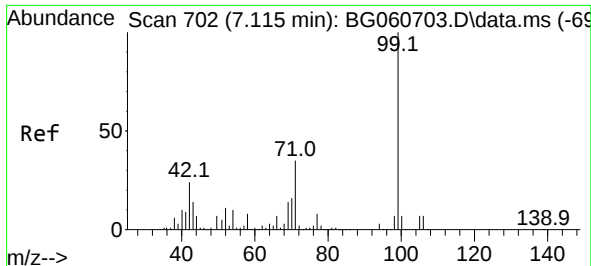
Tgt Ion:152 Resp: 54748
Ion Ratio Lower Upper
152 100
150 158.4 130.2 195.4
115 65.0 51.6 77.4



#5
2-Fluorophenol
Concen: 133.335 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:112 Resp: 438194
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 40.0 32.7 49.1

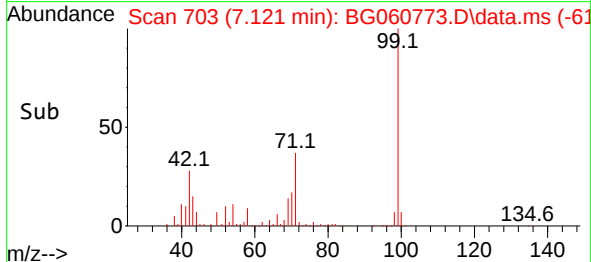
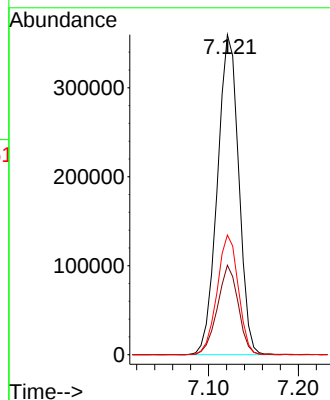
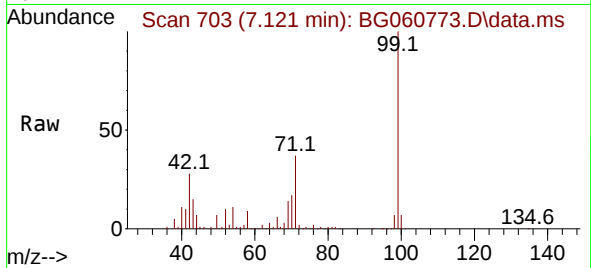




#7
Phenol-d6
Concen: 121.498 ng
RT: 7.121 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

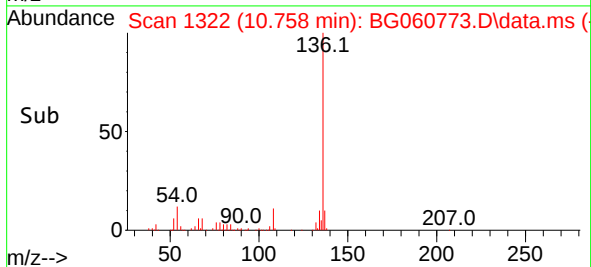
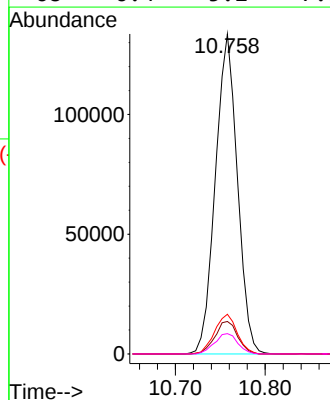
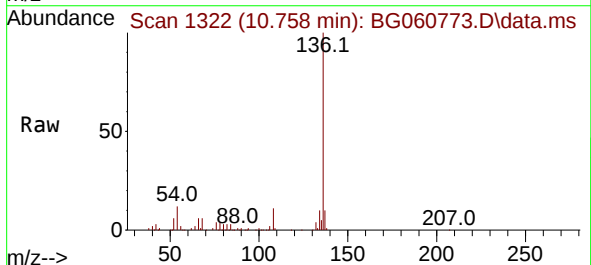
Instrument :
BNA_G
ClientSampleId :
PB159958BL

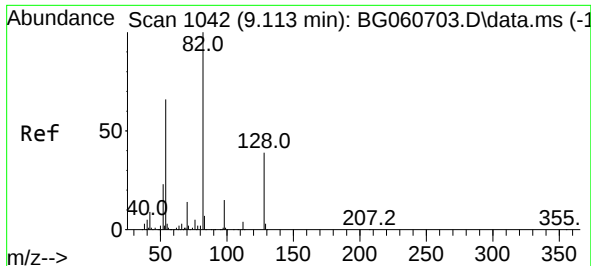
Tgt Ion: 99 Resp: 592705
Ion Ratio Lower Upper
99 100
42 28.0 19.4 29.2
71 37.4 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion: 136 Resp: 227066
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 12.4 10.2 15.2
68 6.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 95.265 ng

RT: 9.113 min Scan# 1042

Delta R.T. -0.000 min

Lab File: BG060773.D

Acq: 4 Apr 2024 11:13

Instrument :

BNA_G

ClientSampleId :

PB159958BL

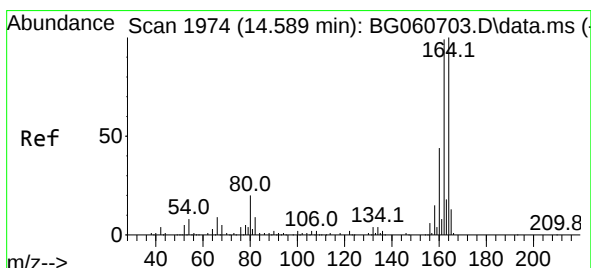
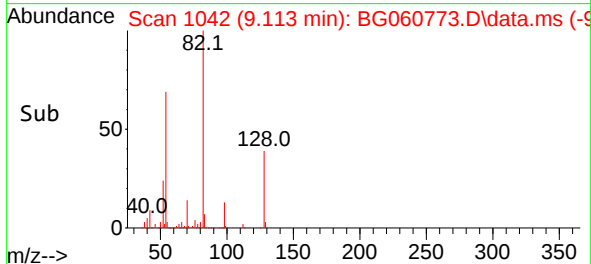
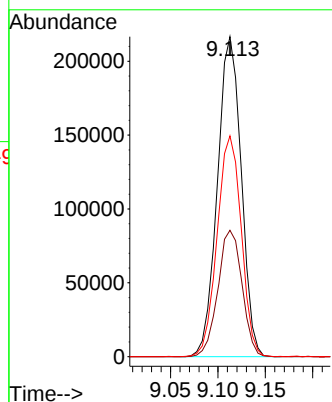
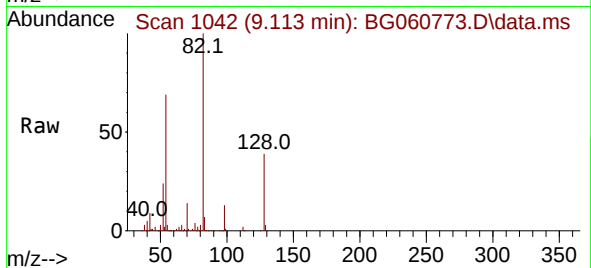
Tgt Ion: 82 Resp: 379090

Ion Ratio Lower Upper

82 100

128 39.5 31.2 46.8

54 69.0 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.589 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BG060773.D

Acq: 4 Apr 2024 11:13

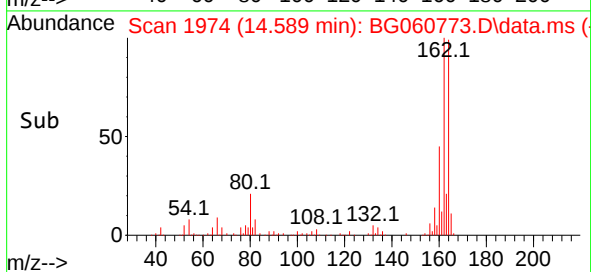
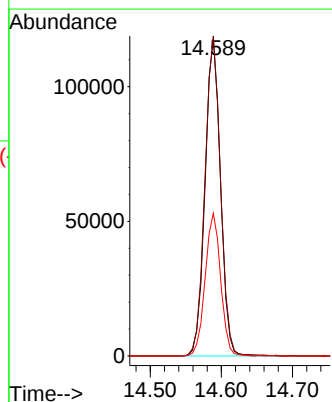
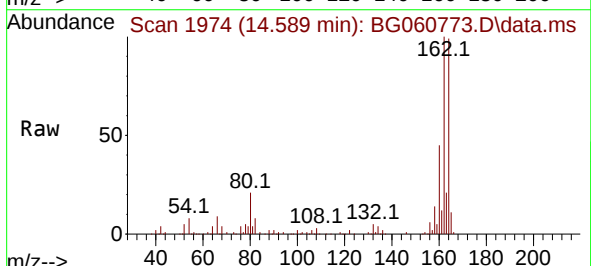
Tgt Ion: 164 Resp: 177969

Ion Ratio Lower Upper

164 100

162 100.8 79.5 119.3

160 45.0 35.4 53.0

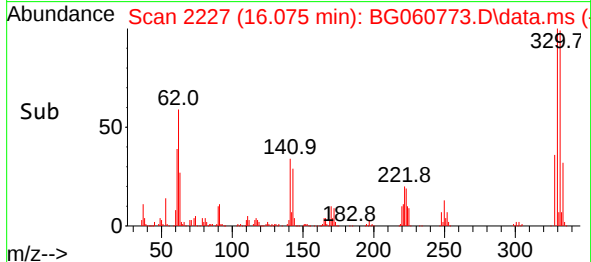
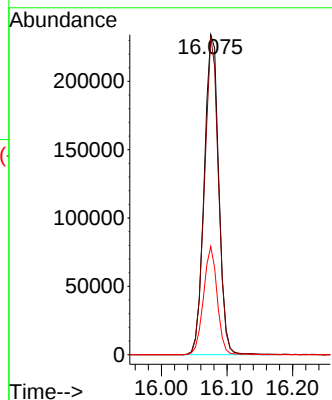
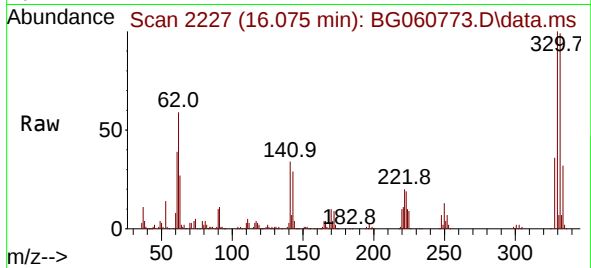




#42
2,4,6-Tribromophenol
Concen: 178.671 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

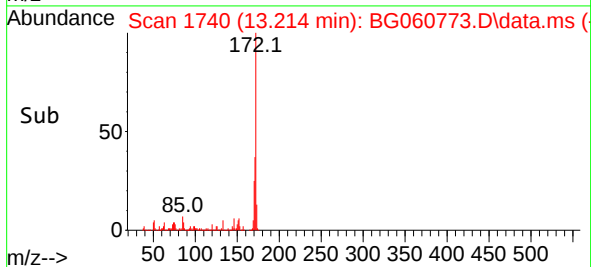
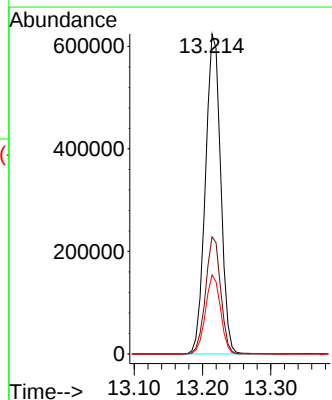
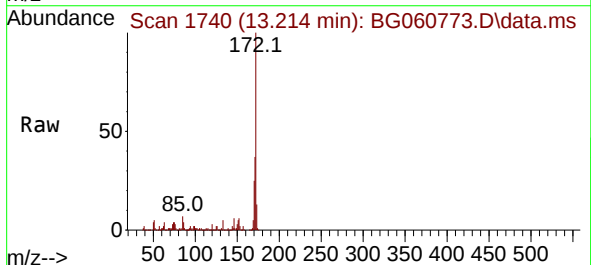
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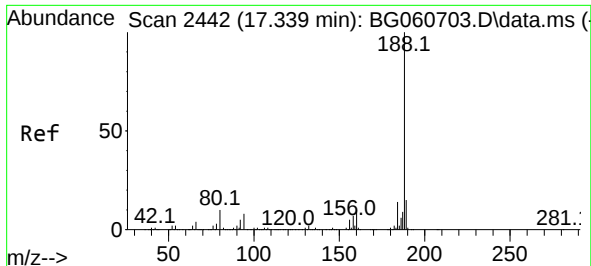
Tgt Ion:330 Resp: 360957
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.4
141 31.8 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 80.119 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:172 Resp: 971541
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.7 19.4 29.0

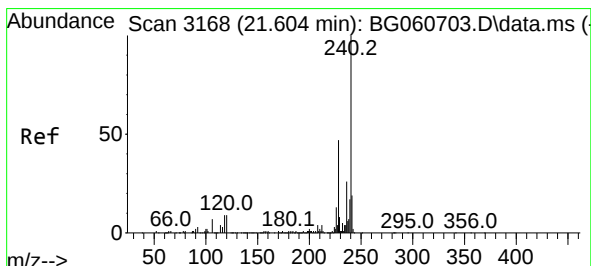
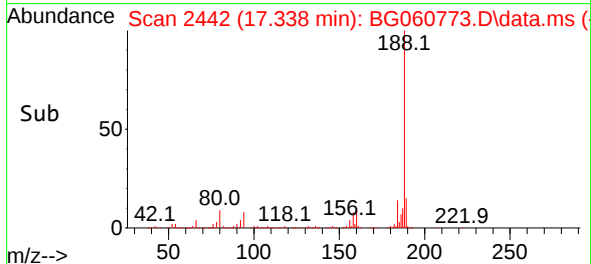
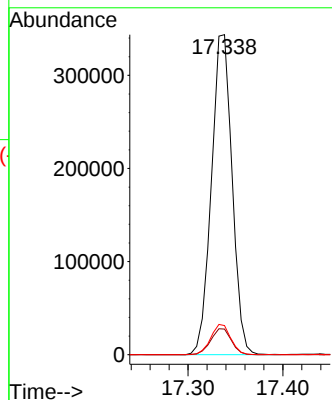
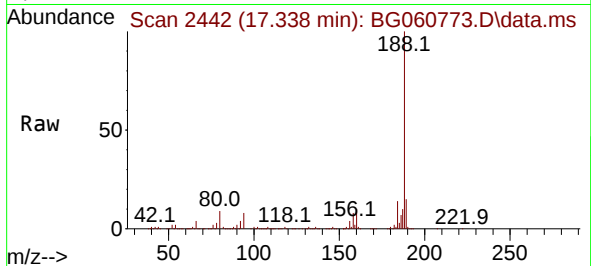




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

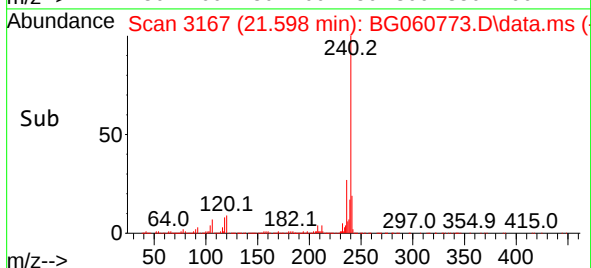
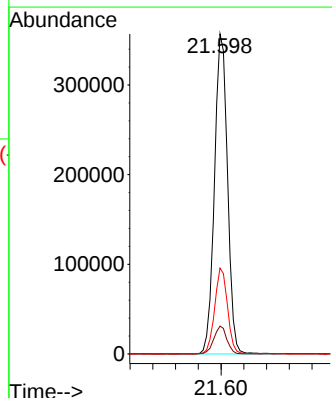
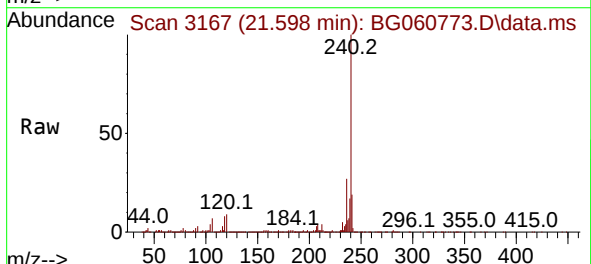
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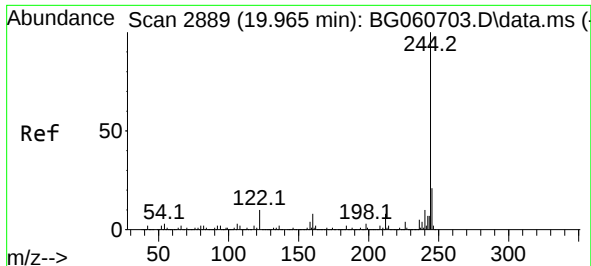
Tgt Ion:188 Resp: 522618
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:240 Resp: 566802
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.9 20.7 31.1

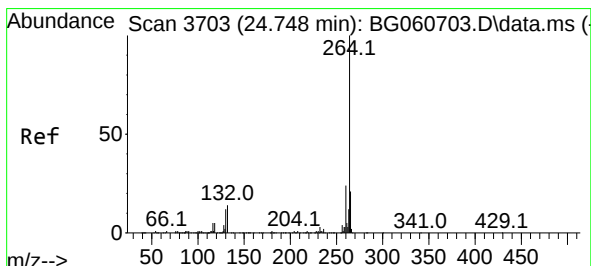
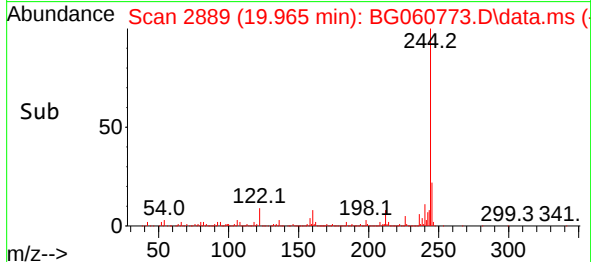
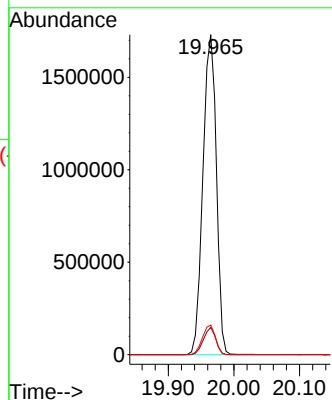
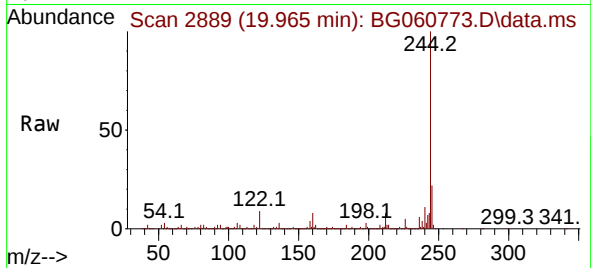




#79
 Terphenyl-d14
 Concen: 76.693 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG060773.D
 Acq: 4 Apr 2024 11:13

Instrument :
 BNA_G
 ClientSampleId :
 PB159958BL

Tgt Ion:244 Resp: 2468712
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.2
 122 9.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.747 min Scan# 3703
 Delta R.T. -0.000 min
 Lab File: BG060773.D
 Acq: 4 Apr 2024 11:13

Tgt Ion:264 Resp: 635782
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.8 16.9 25.3

