

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060828.D
 Acq On : 8 Apr 2024 16:32
 Operator : MA/JU
 Sample : PB160030BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BL

Quant Time: Apr 08 17:33:22 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	7.946	152	50590	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	180740	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	142552	20.000	ng	-0.02
64) Phenanthrene-d10	17.324	188	400890	20.000	ng	-0.01
76) Chrysene-d12	21.583	240	426004	20.000	ng	-0.02
86) Perylene-d12	24.715	264	498046	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	369930	121.815	ng	0.00
7) Phenol-d6	7.112	99	489730	108.641	ng	0.00
23) Nitrobenzene-d5	9.098	82	323205	102.039	ng	-0.01
42) 2,4,6-Tribromophenol	16.066	330	299877	185.316	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	824271	84.862	ng	-0.01
79) Terphenyl-d14	19.950	244	1970878	81.464	ng	-0.01

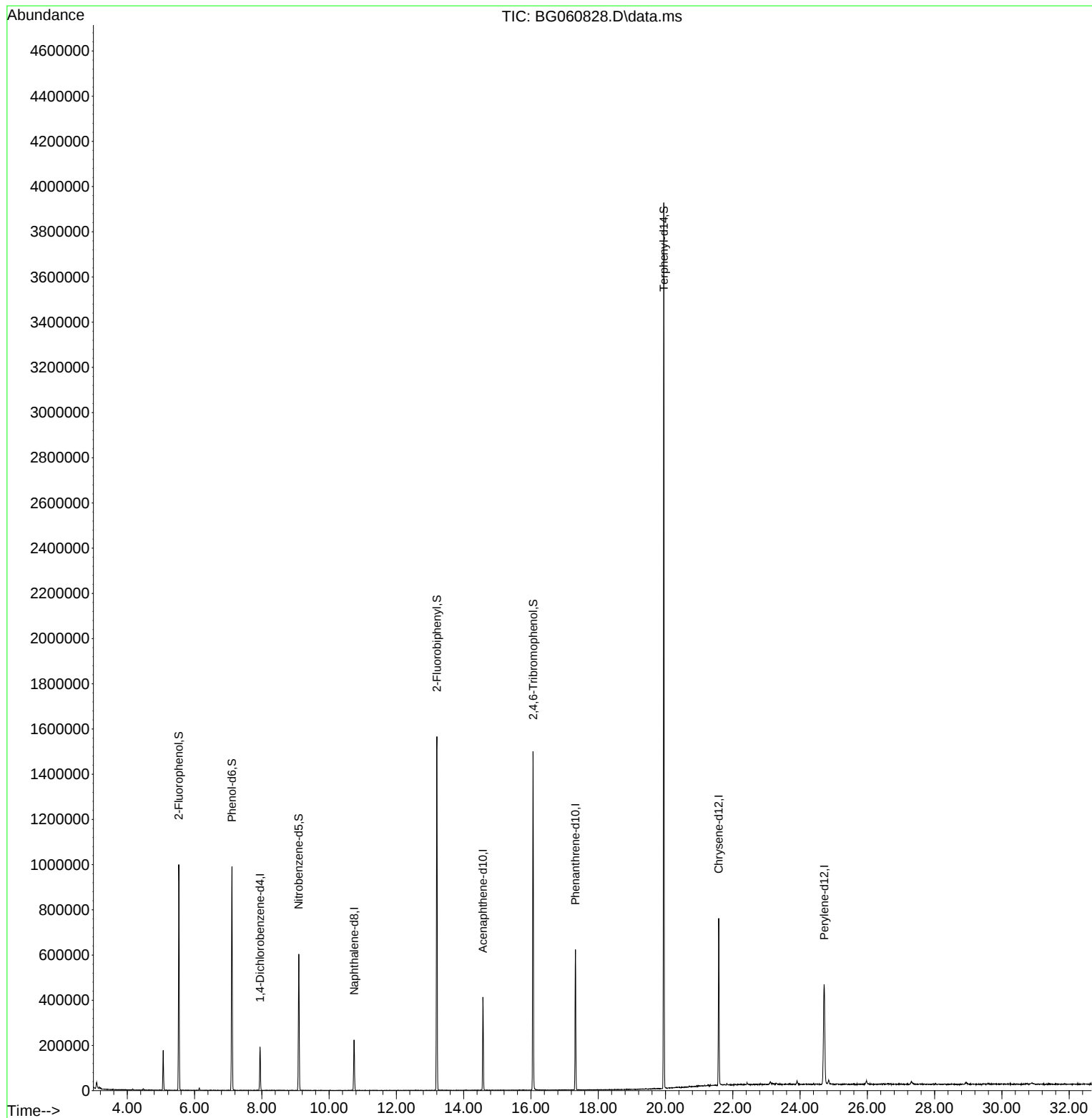
Target Compounds	Qvalue

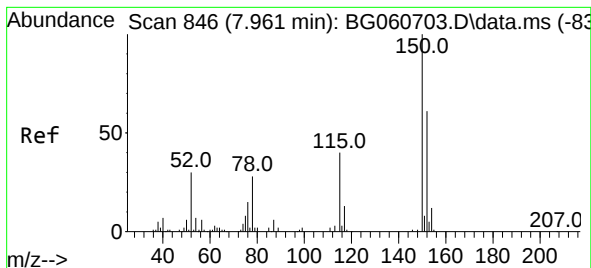
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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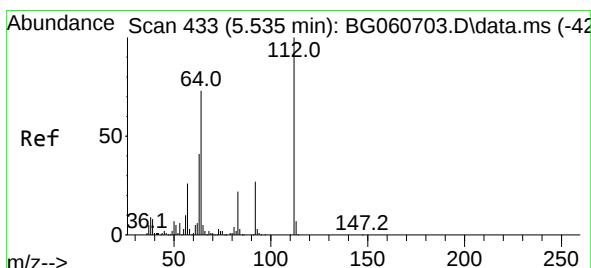
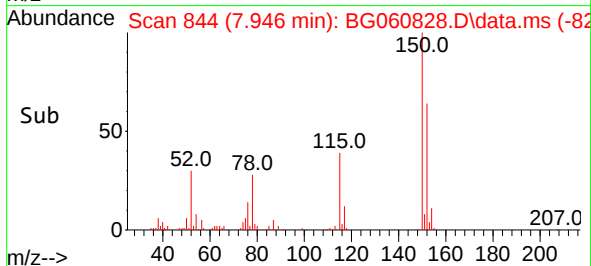
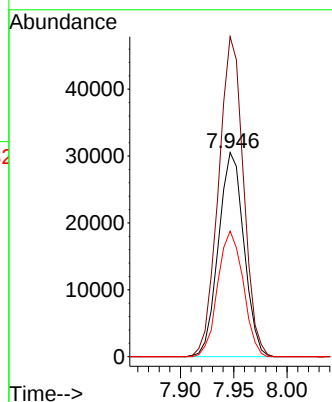
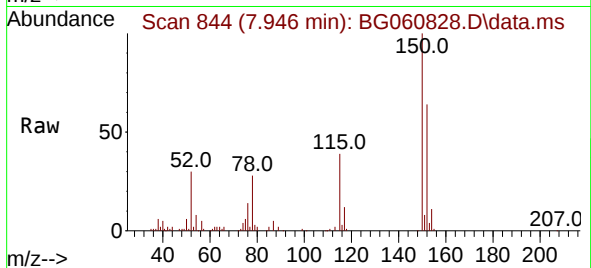




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 846
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

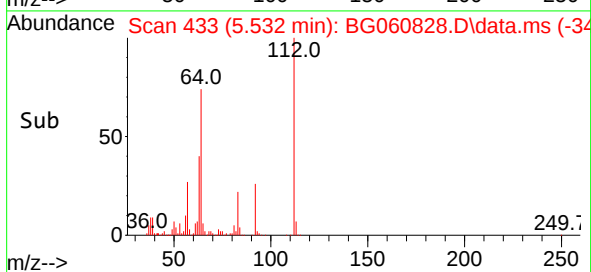
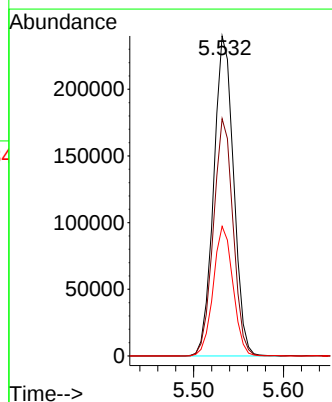
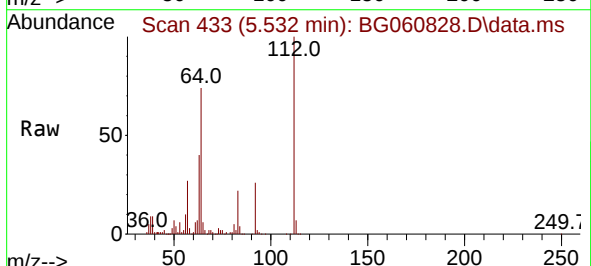
Instrument :
BNA_G
ClientSampleId :
PB160030BL

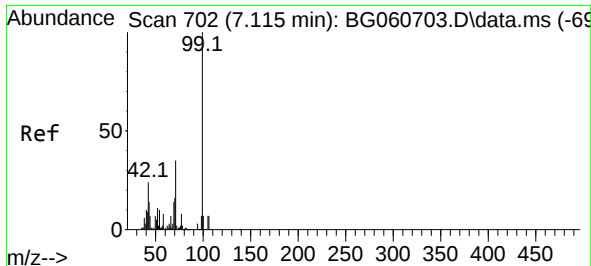
Tgt Ion:152 Resp: 50590
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.4
115 61.5 51.6 77.4



#5
2-Fluorophenol
Concen: 121.815 ng
RT: 5.532 min Scan# 433
Delta R.T. -0.003 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Tgt Ion:112 Resp: 369930
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 40.5 32.7 49.1

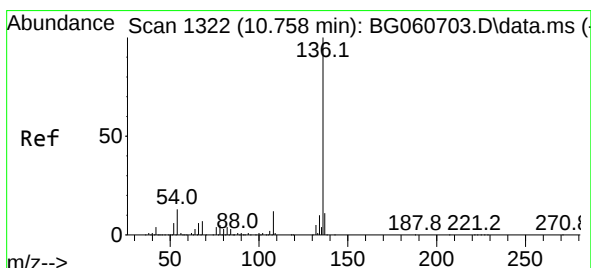
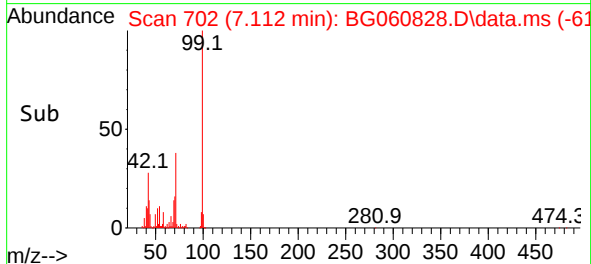
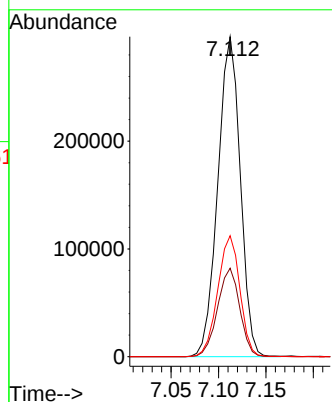
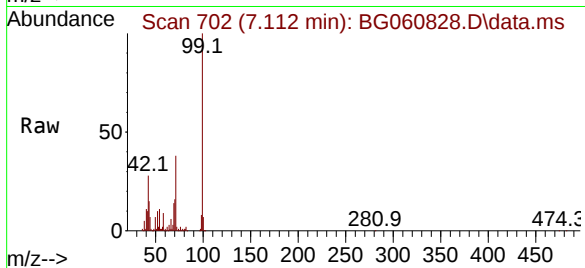




#7
Phenol-d6
Concen: 108.641 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

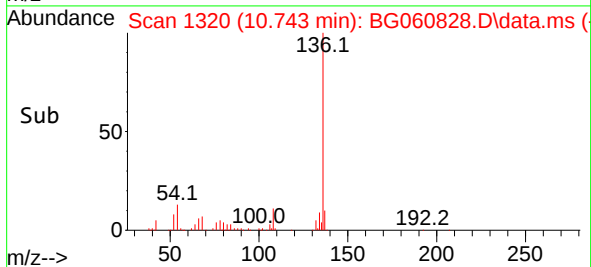
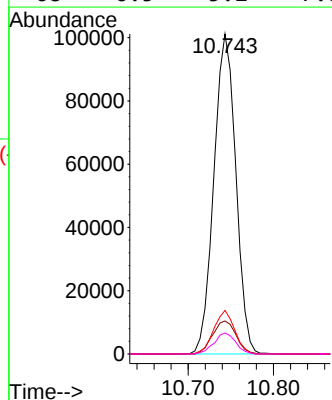
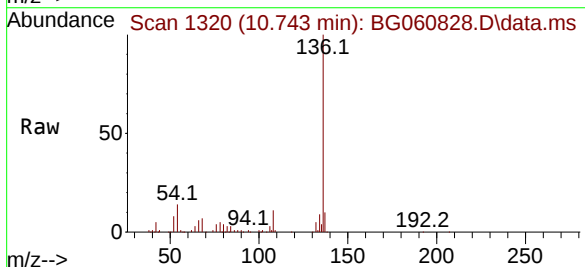
Instrument :
BNA_G
ClientSampleId :
PB160030BL

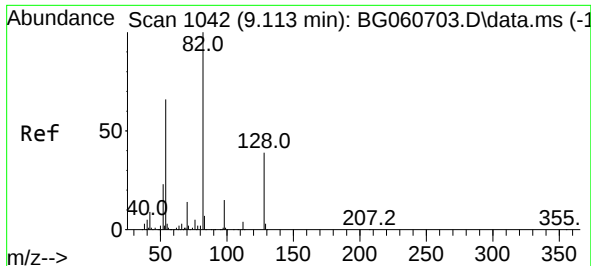
Tgt Ion: 99 Resp: 489730
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 37.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1320
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Tgt Ion:136 Resp: 180740
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 13.6 10.2 15.2
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 102.039 ng

RT: 9.098 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

Instrument :

BNA_G

ClientSampleId :

PB160030BL

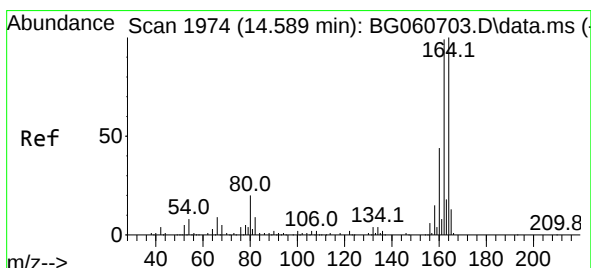
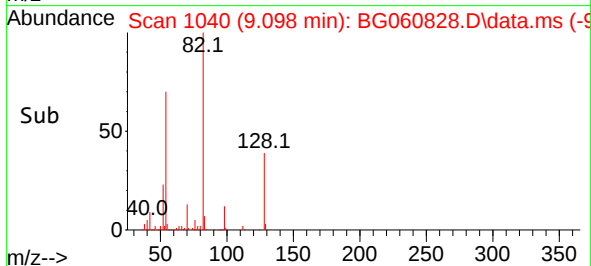
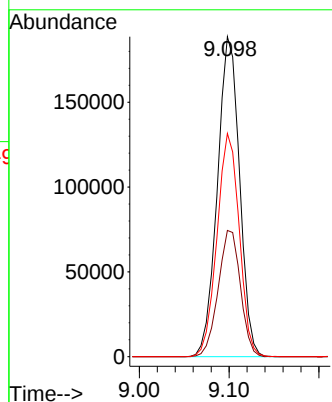
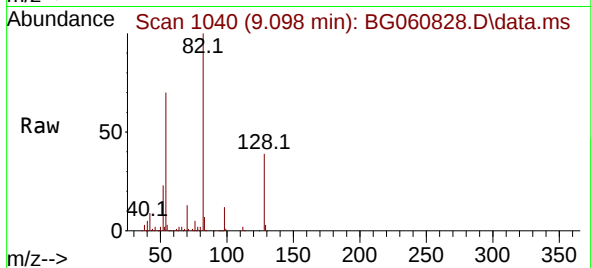
Tgt Ion: 82 Resp: 323205

Ion Ratio Lower Upper

82 100

128 39.5 31.2 46.8

54 69.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1972

Delta R.T. -0.015 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

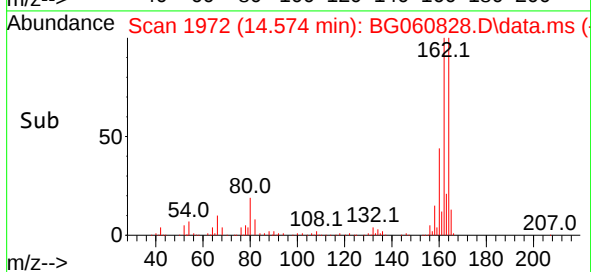
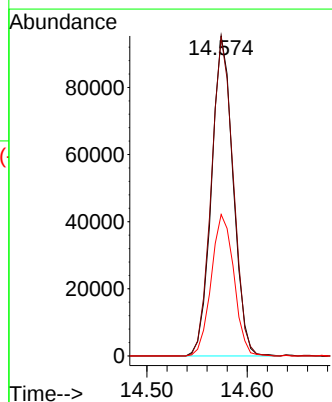
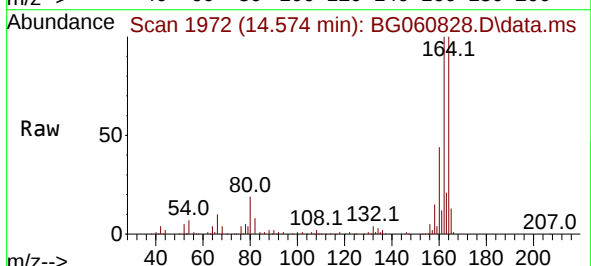
Tgt Ion:164 Resp: 142552

Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

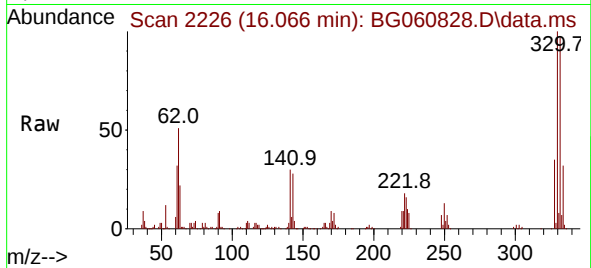
160 44.2 35.4 53.0



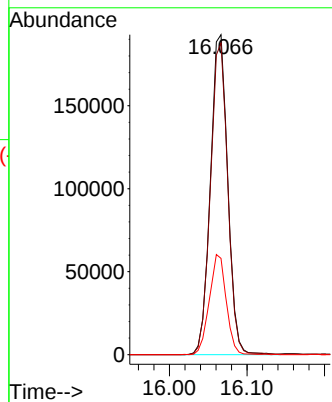
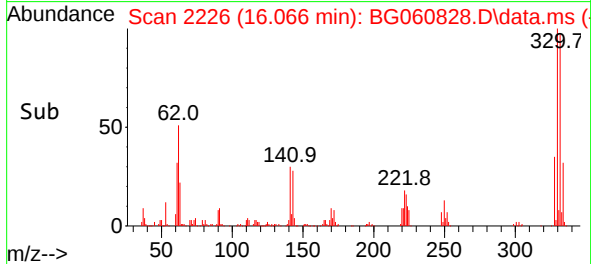


#42
2,4,6-Tribromophenol
Concen: 185.316 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Instrument :
BNA_G
ClientSampleId :
PB160030BL

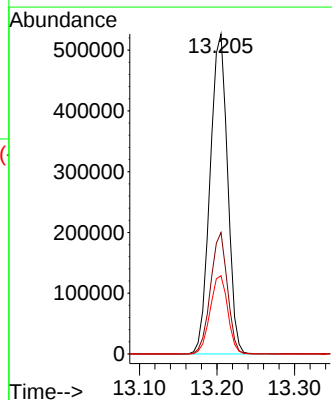
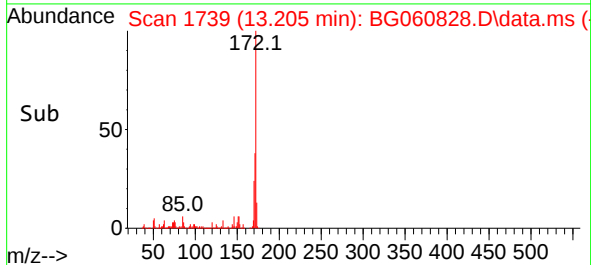
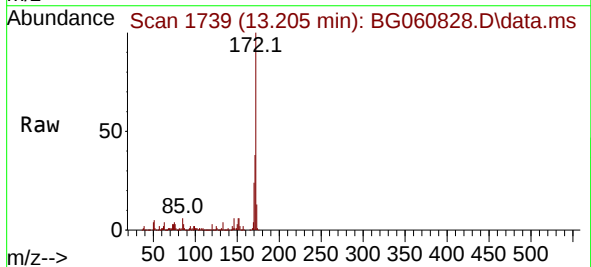


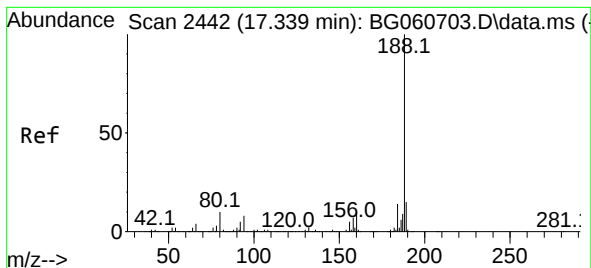
Tgt Ion:330 Resp: 299877
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 30.6 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 84.862 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060828.D
Acq: 8 Apr 2024 16:32

Tgt Ion:172 Resp: 824271
Ion Ratio Lower Upper
172 100
171 38.0 28.7 43.1
170 24.4 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2442

Delta R.T. -0.015 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

Instrument :

BNA_G

ClientSampleId :

PB160030BL

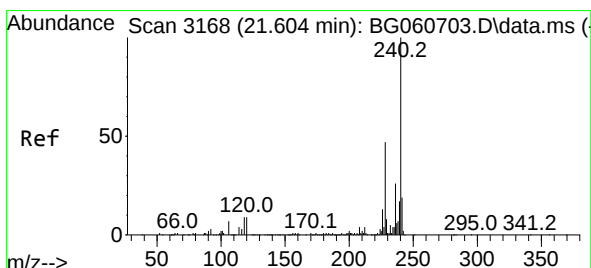
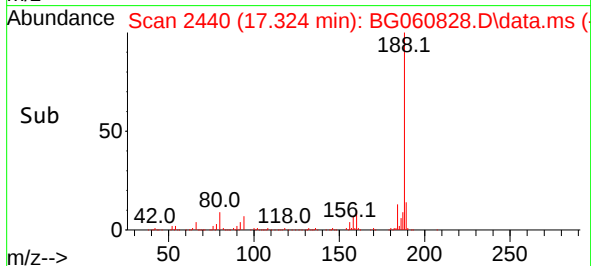
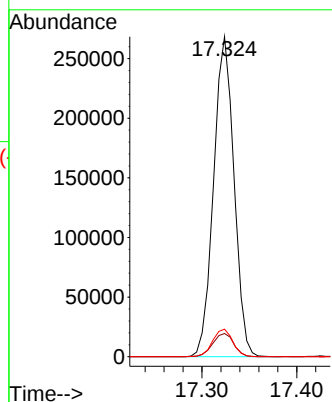
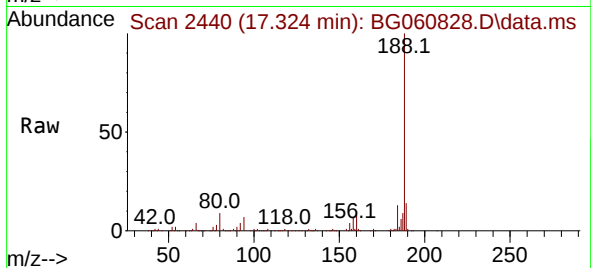
Tgt Ion:188 Resp: 400890

Ion Ratio Lower Upper

188 100

94 7.3 6.6 9.8

80 8.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3165

Delta R.T. -0.021 min

Lab File: BG060828.D

Acq: 8 Apr 2024 16:32

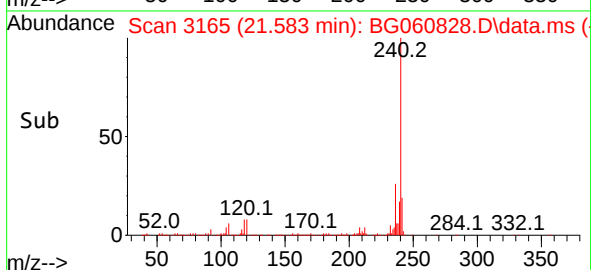
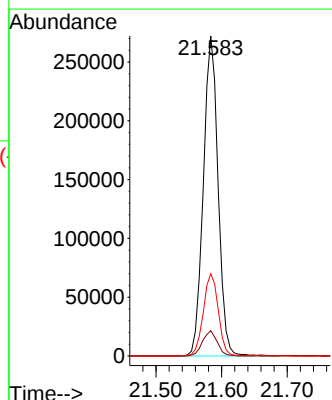
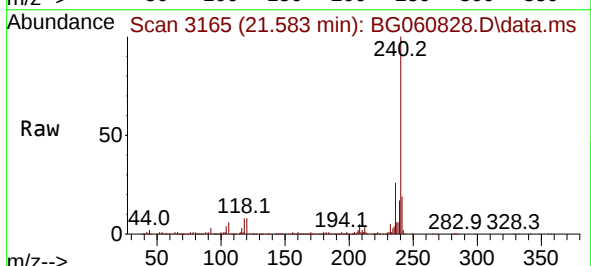
Tgt Ion:240 Resp: 426004

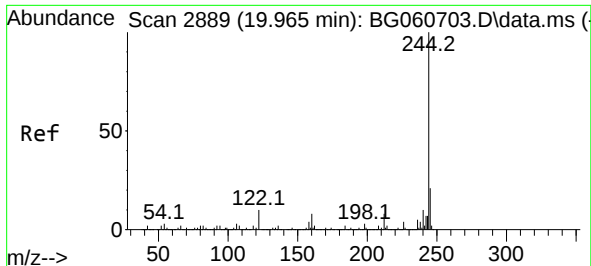
Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

236 25.7 20.7 31.1

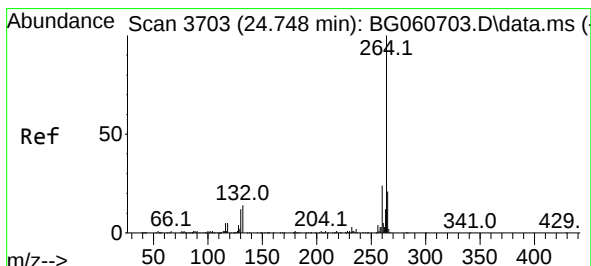
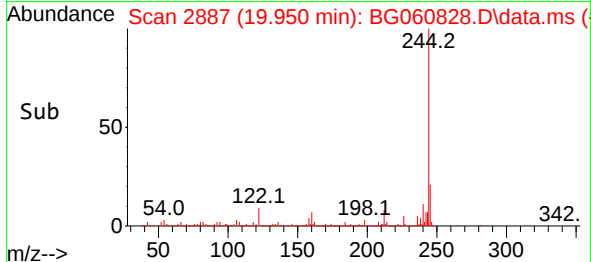
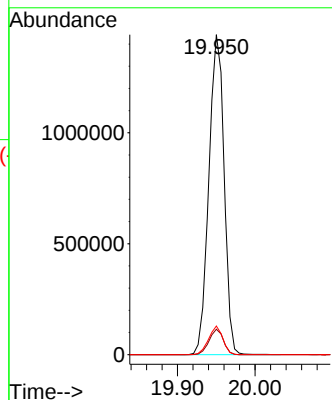
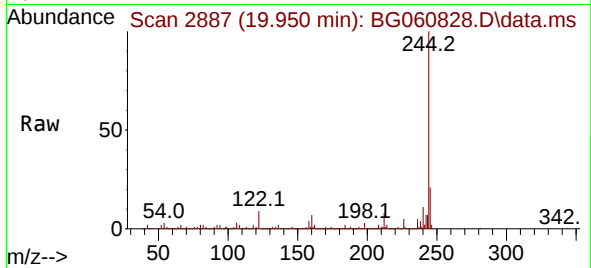




#79
 Terphenyl-d14
 Concen: 81.464 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060828.D
 Acq: 8 Apr 2024 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BL

Tgt Ion:244 Resp: 1970878
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 8.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3698
 Delta R.T. -0.033 min
 Lab File: BG060828.D
 Acq: 8 Apr 2024 16:32

Tgt Ion:264 Resp: 498046
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.4 16.9 25.3

