

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060868.D
 Acq On : 11 Apr 2024 20:59
 Operator : MA/JU
 Sample : P2072-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-041024

Quant Time: Apr 12 01:38:43 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	7.949	152	66047	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	247826	20.000	ng	#-0.01
39) Acenaphthene-d10	14.576	164	175318	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	367564	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	340987	20.000	ng	-0.02
86) Perylene-d12	24.735	264	409447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	176102	44.418	ng	0.00
7) Phenol-d6	7.114	99	237468	40.351	ng	0.00
23) Nitrobenzene-d5	9.100	82	164183	37.803	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	114358	57.462	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	377731	31.621	ng	-0.02
79) Terphenyl-d14	19.952	244	598219	30.892	ng	-0.01

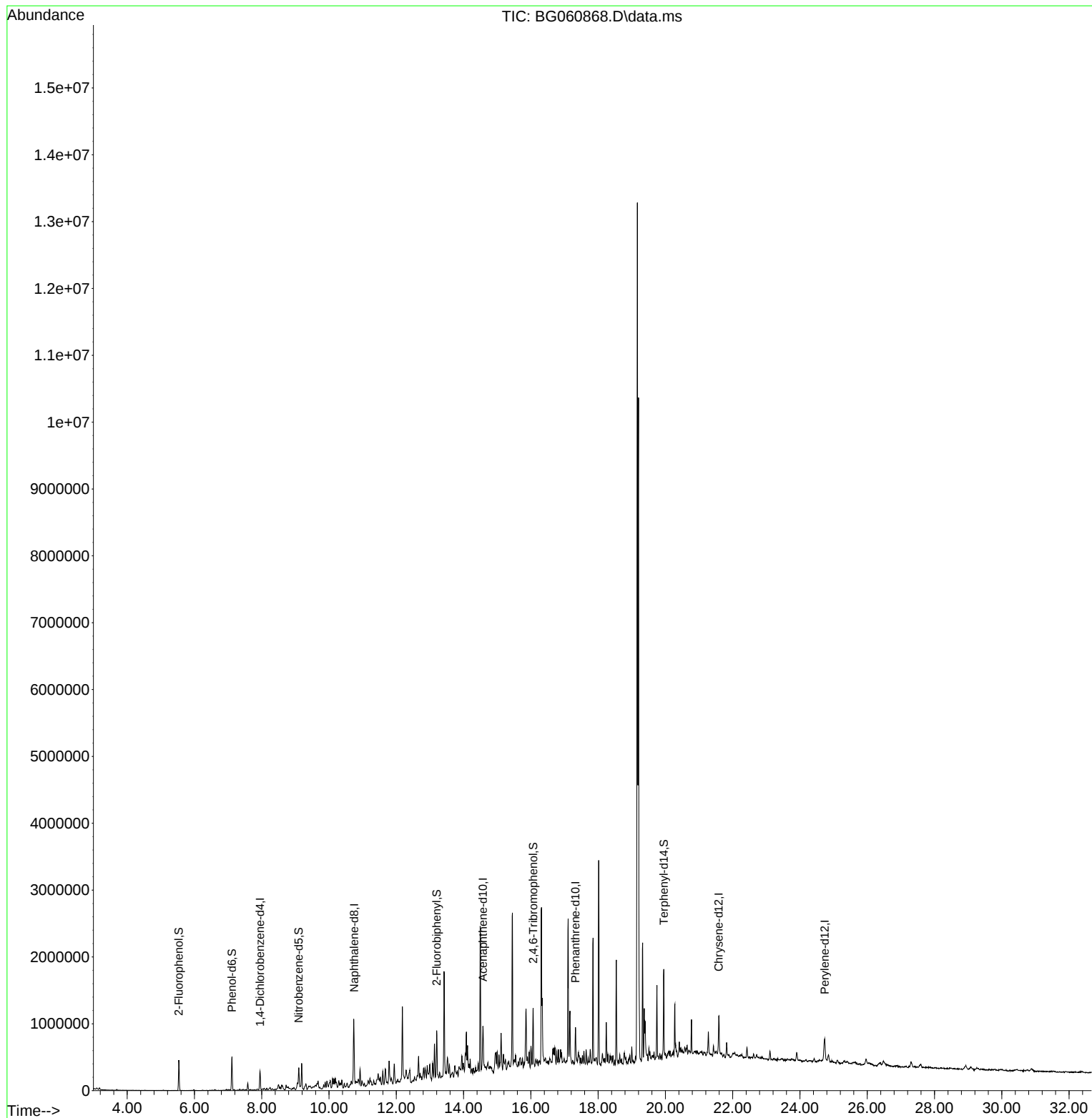
Target Compounds	Qvalue

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

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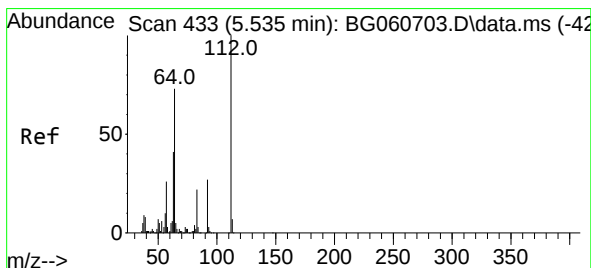
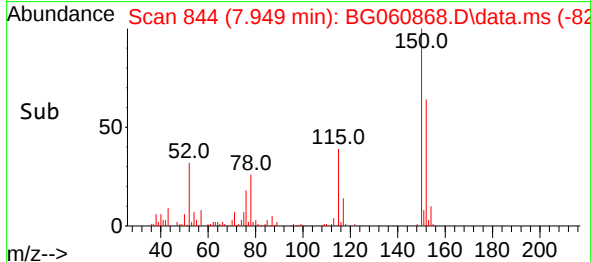
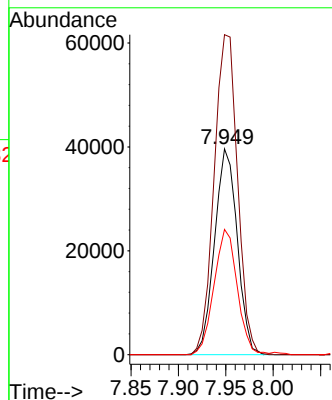
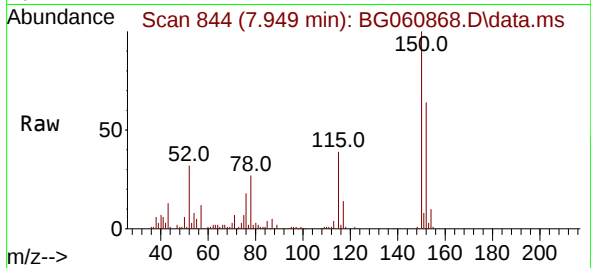




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 846
Delta R.T. -0.012 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

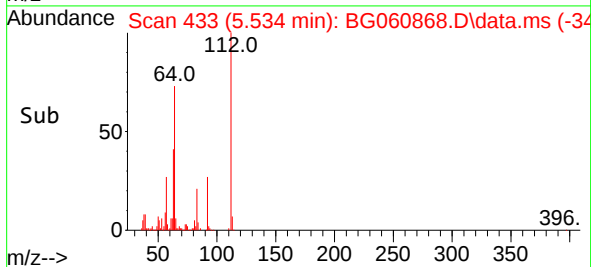
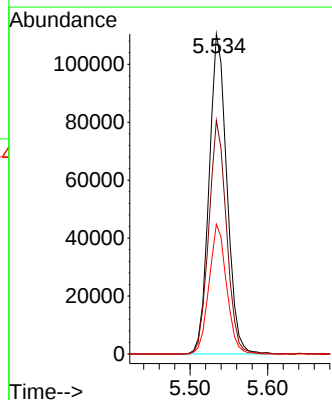
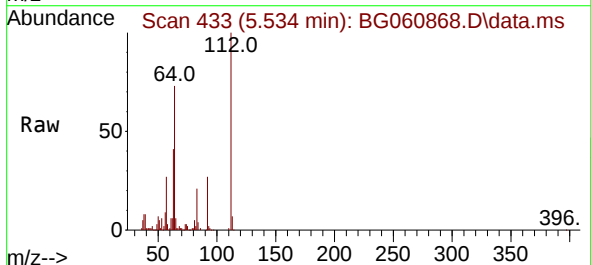
Instrument :
BNA_G
ClientSampleId :
HR-01-041024

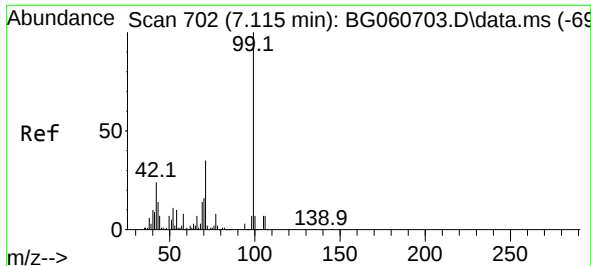
Tgt Ion:152 Resp: 66047
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.4
115 60.9 51.6 77.4



#5
2-Fluorophenol
Concen: 44.418 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

Tgt Ion:112 Resp: 176102
Ion Ratio Lower Upper
112 100
64 73.0 58.4 87.6
63 40.6 32.7 49.1

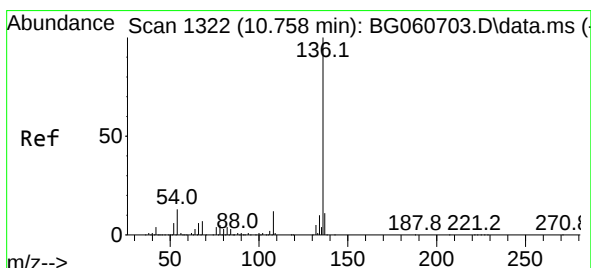
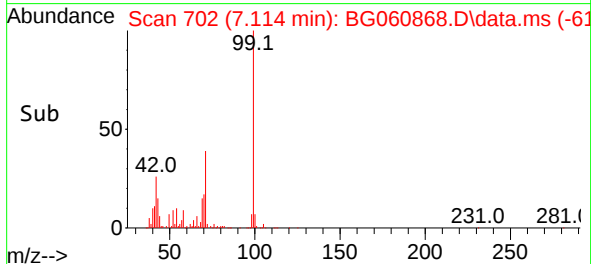
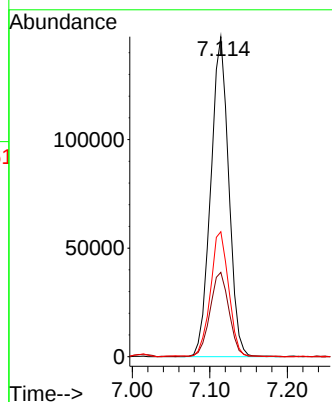
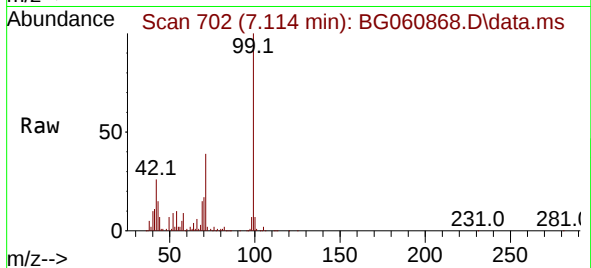




#7
Phenol-d6
Concen: 40.351 ng
RT: 7.114 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

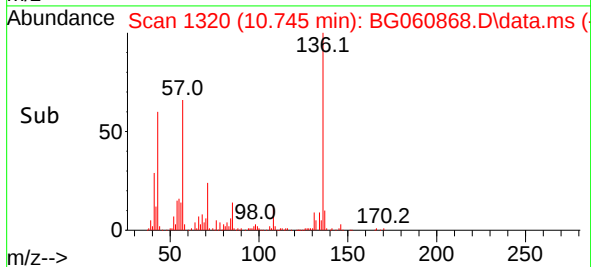
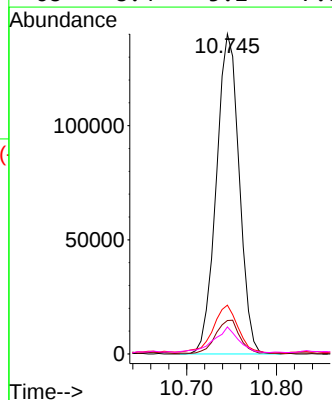
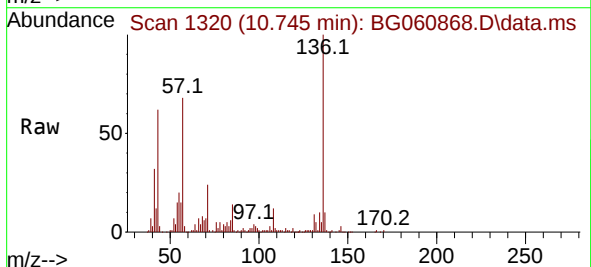
Instrument :
BNA_G
ClientSampleId :
HR-01-041024

Tgt Ion: 99 Resp: 237468
Ion Ratio Lower Upper
99 100
42 26.4 19.4 29.2
71 39.0 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1320
Delta R.T. -0.013 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

Tgt Ion:136 Resp: 247826
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 15.2 10.2 15.2
68 8.4 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 37.803 ng

RT: 9.100 min Scan# 1042

Delta R.T. -0.013 min

Lab File: BG060868.D

Acq: 11 Apr 2024 20:59

Instrument :

BNA_G

ClientSampleId :

HR-01-041024

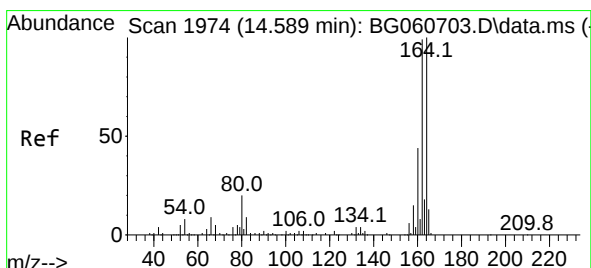
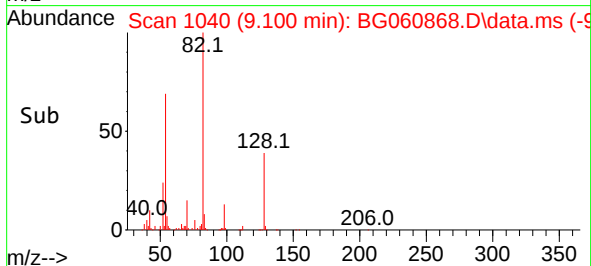
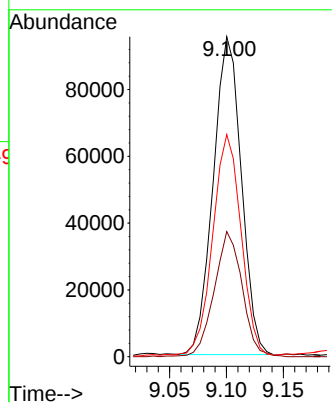
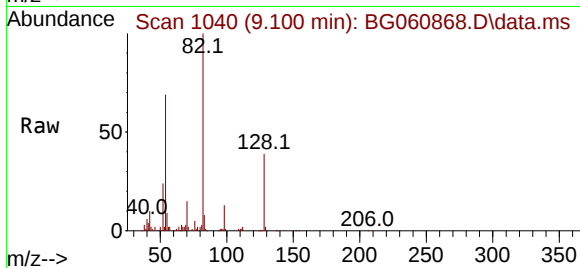
Tgt Ion: 82 Resp: 164183

Ion Ratio Lower Upper

82 100

128 39.1 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: BG060868.D

Acq: 11 Apr 2024 20:59

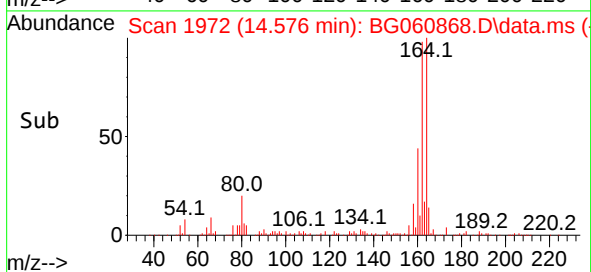
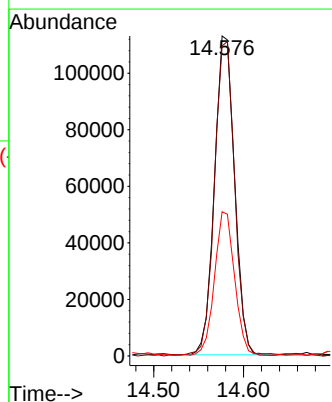
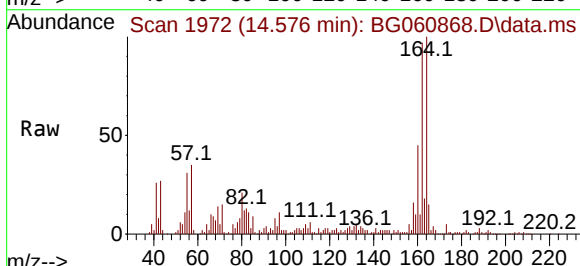
Tgt Ion: 164 Resp: 175318

Ion Ratio Lower Upper

164 100

162 96.9 79.5 119.3

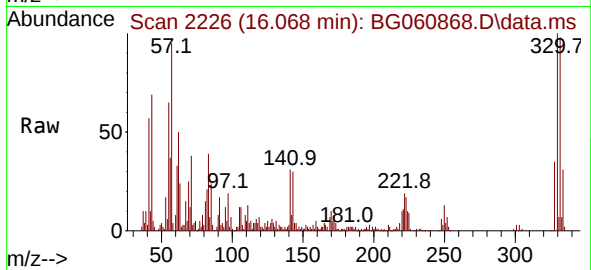
160 45.1 35.4 53.0



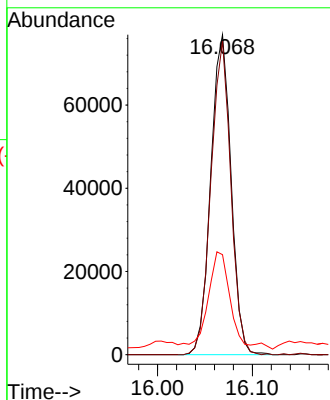
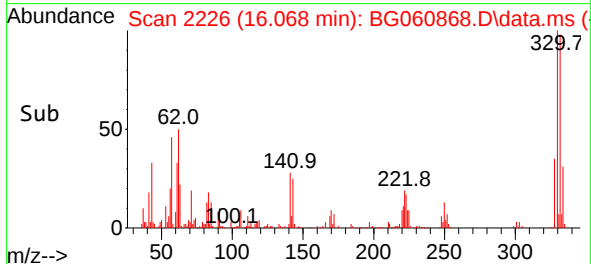


#42
2,4,6-Tribromophenol
Concen: 57.462 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

Instrument :
BNA_G
ClientSampleId :
HR-01-041024

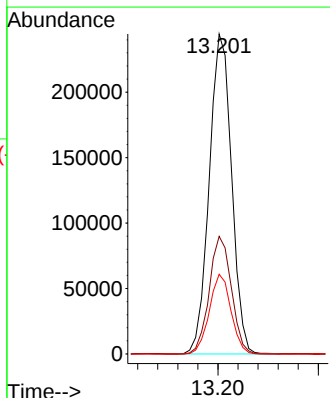
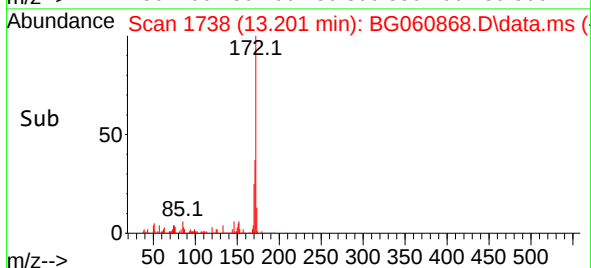
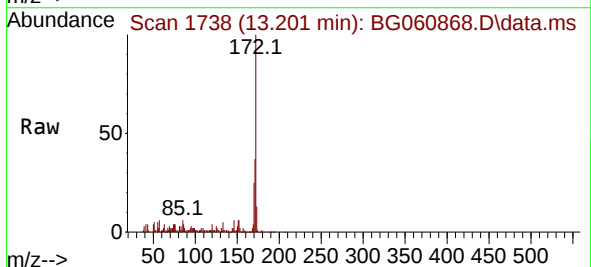


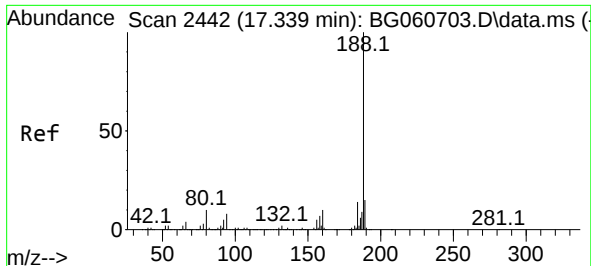
Tgt Ion:330 Resp: 114358
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 29.8 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 31.621 ng
RT: 13.201 min Scan# 1738
Delta R.T. -0.019 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

Tgt Ion:172 Resp: 377731
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.9 19.4 29.0

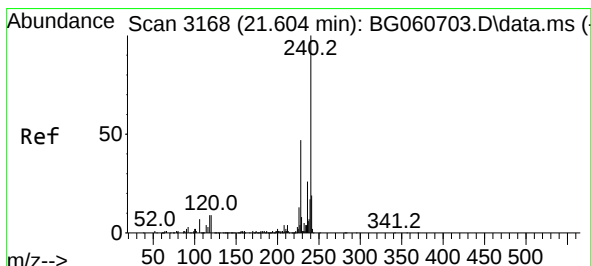
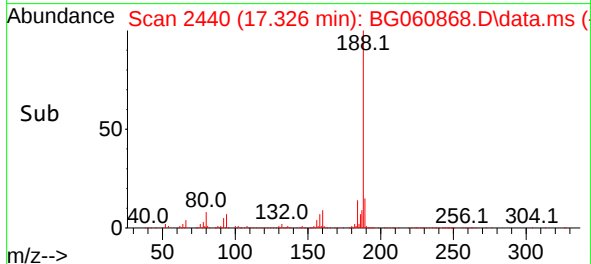
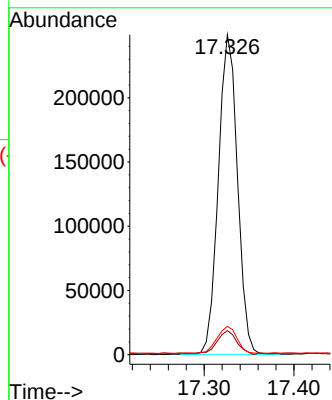
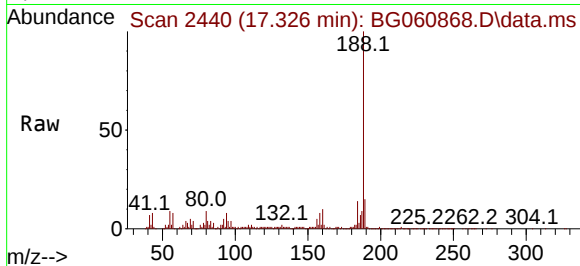




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2442
Delta R.T. -0.013 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

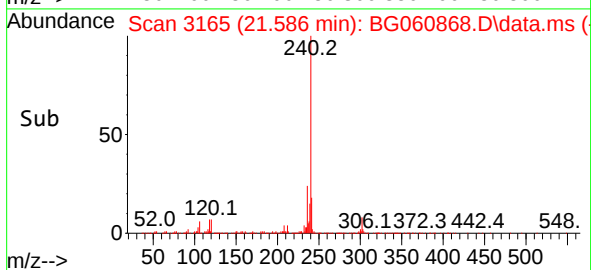
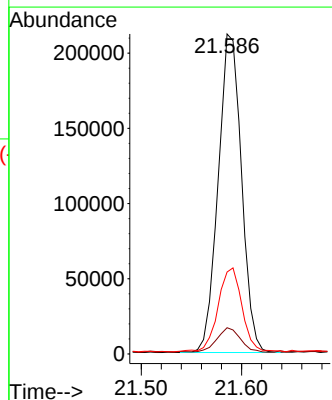
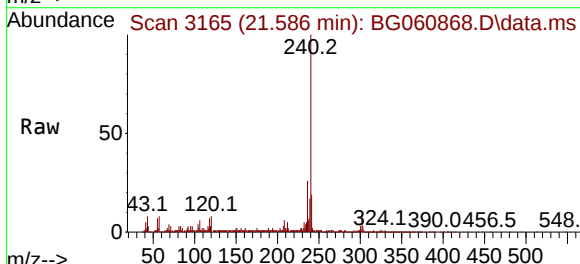
Instrument :
BNA_G
ClientSampleId :
HR-01-041024

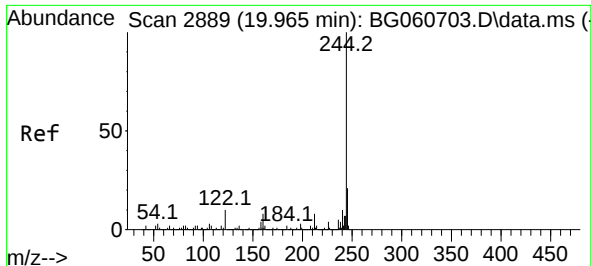
Tgt Ion:188 Resp: 367564
Ion Ratio Lower Upper
188 100
94 7.5 6.6 9.8
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3165
Delta R.T. -0.019 min
Lab File: BG060868.D
Acq: 11 Apr 2024 20:59

Tgt Ion:240 Resp: 340987
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.6 20.7 31.1

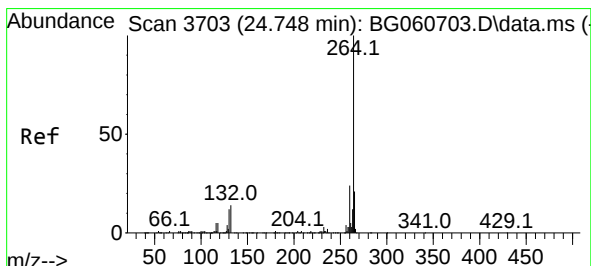
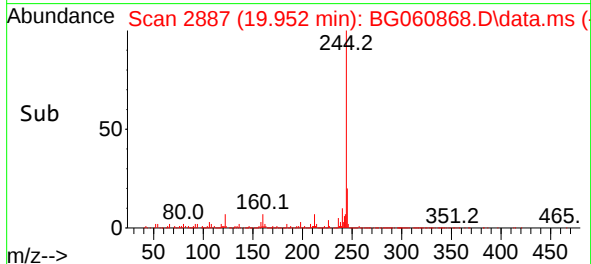
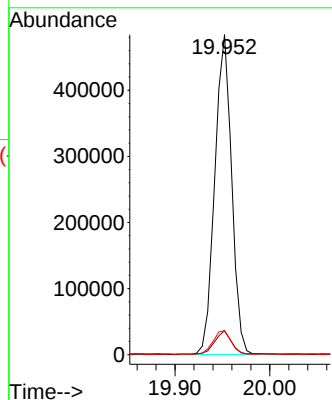
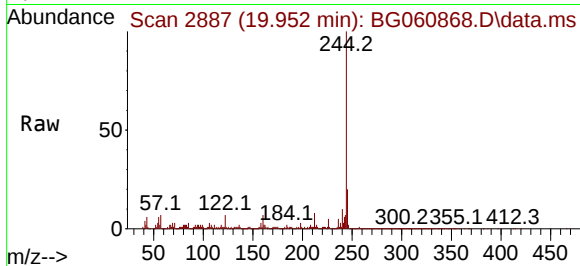




#79
 Terphenyl-d14
 Concen: 30.892 ng
 RT: 19.952 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG060868.D
 Acq: 11 Apr 2024 20:59

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-041024

Tgt Ion:244 Resp: 598219
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 7.5 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.735 min Scan# 3701
 Delta R.T. -0.013 min
 Lab File: BG060868.D
 Acq: 11 Apr 2024 20:59

Tgt Ion:264 Resp: 409447
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 22.0 16.9 25.3

