

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061220.D
 Acq On : 16 May 2024 14:36
 Operator : MA/JU
 Sample : P2474-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-114-SB01

Quant Time: May 16 15:11:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	22552	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	89417	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	72013	20.000	ng	-0.03
64) Phenanthrene-d10	17.305	188	172509	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	179926	20.000	ng	#-0.03
86) Perylene-d12	24.691	264	216215	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	88590	79.890	ng	-0.02
7) Phenol-d6	7.106	99	120898	73.700	ng	-0.03
23) Nitrobenzene-d5	9.086	82	83851	46.486	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	93106	64.683	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	195766	40.199	ng	-0.03
79) Terphenyl-d14	19.926	244	356513	32.954	ng	-0.03

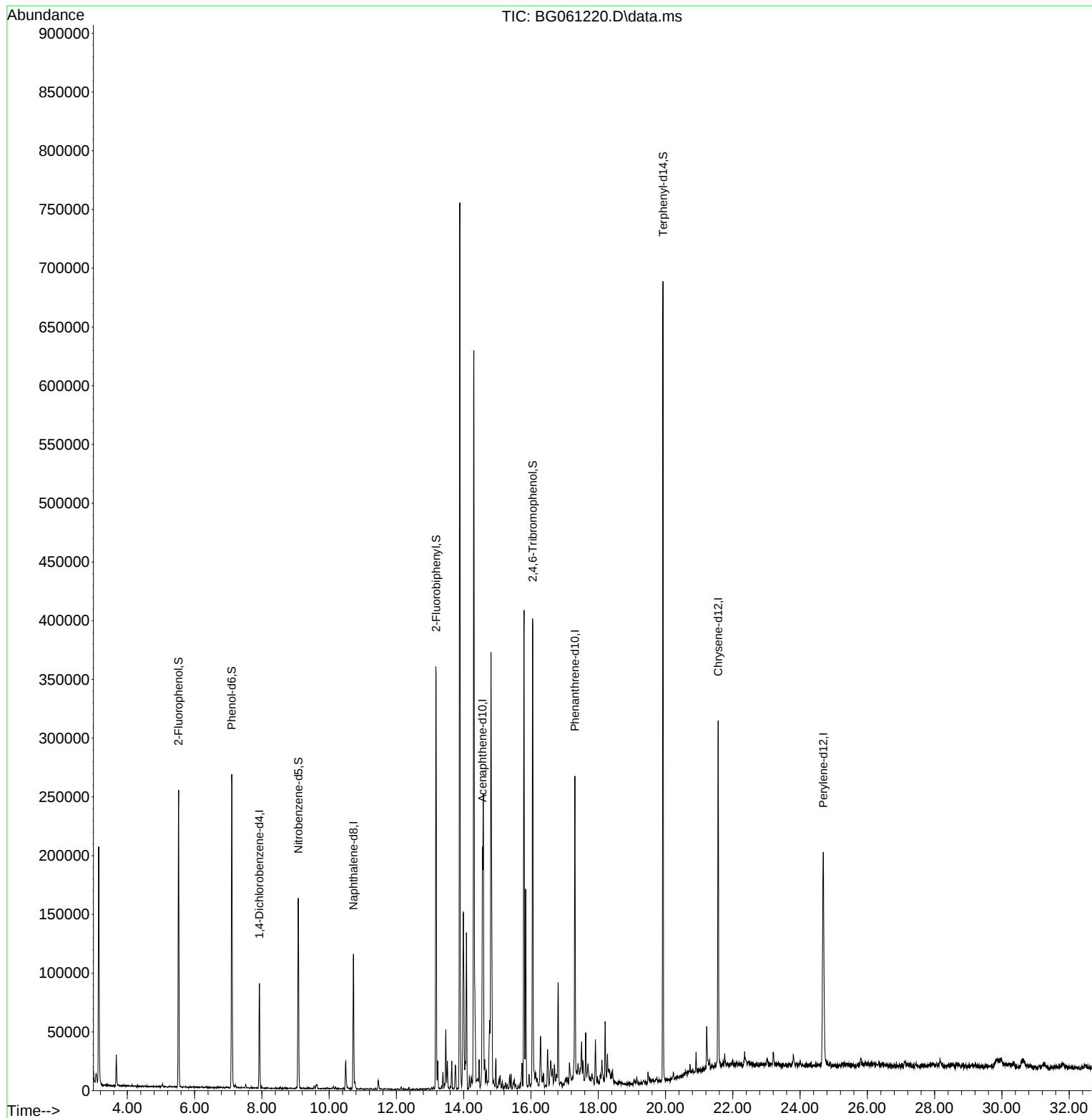
Target Compounds	Qvalue

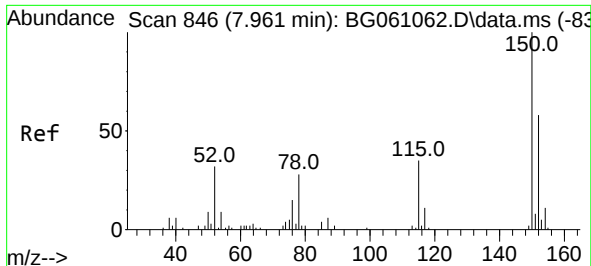
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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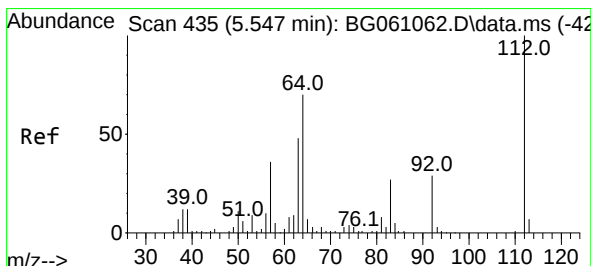
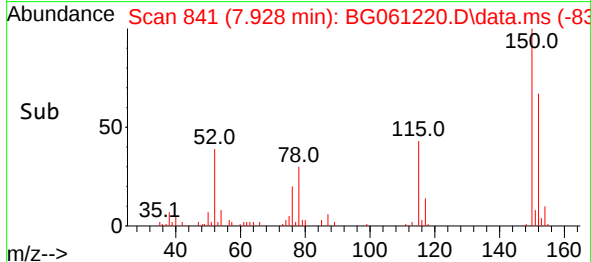
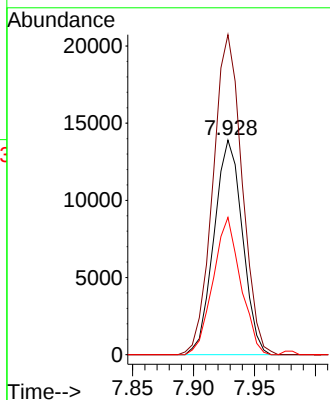
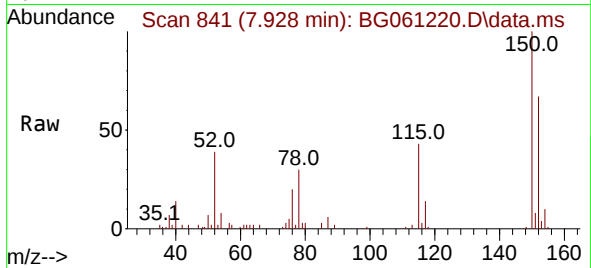




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 846
Delta R.T. -0.033 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

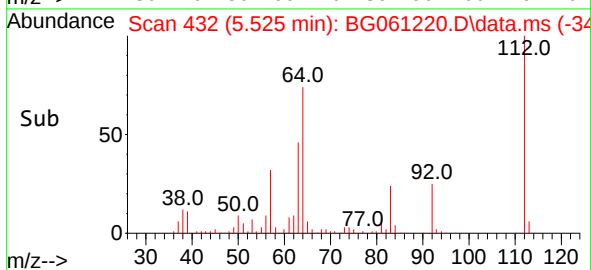
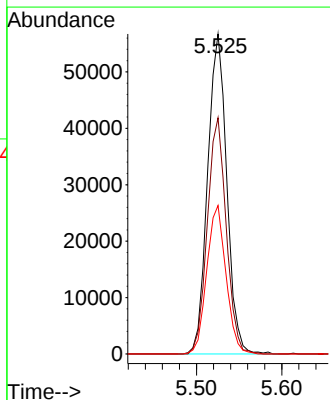
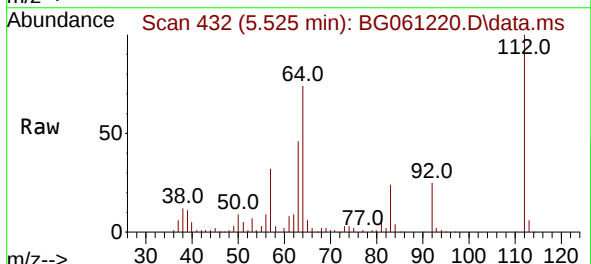
Instrument :
BNA_G
ClientSampleId :
B-114-SB01

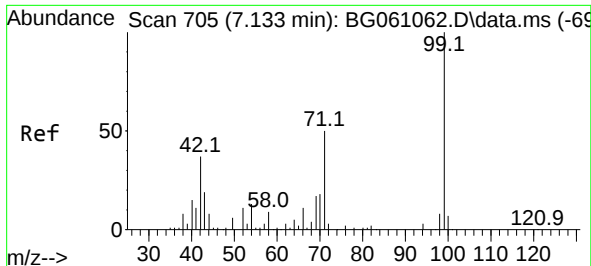
Tgt Ion:152 Resp: 22552
Ion Ratio Lower Upper
152 100
150 149.2 138.3 207.5
115 64.0 48.0 72.0



#5
2-Fluorophenol
Concen: 79.890 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

Tgt Ion:112 Resp: 88590
Ion Ratio Lower Upper
112 100
64 73.8 55.7 83.5
63 46.4 38.1 57.1

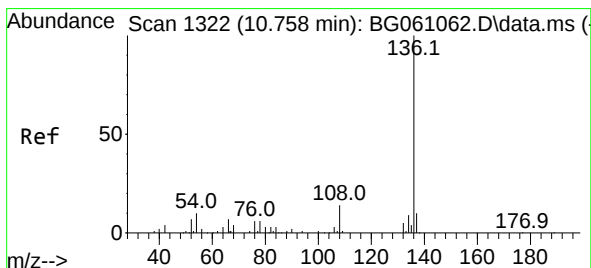
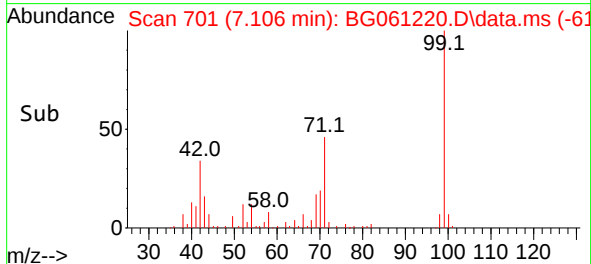
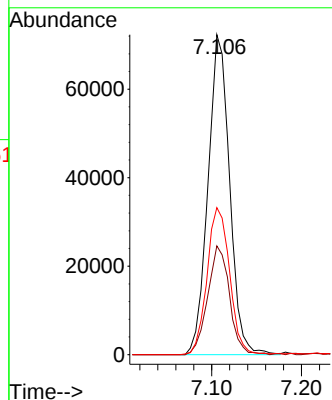
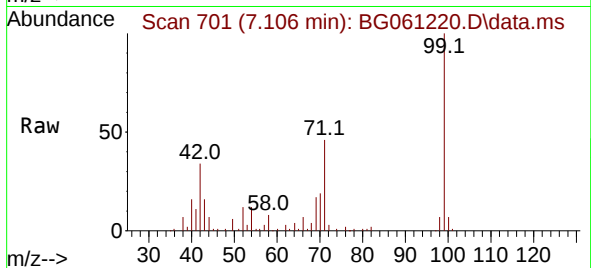




#7
Phenol-d6
Concen: 73.700 ng
RT: 7.106 min Scan# 705
Delta R.T. -0.027 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

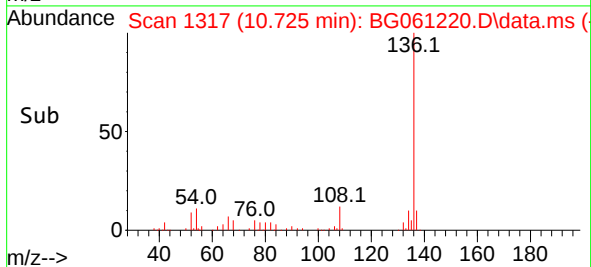
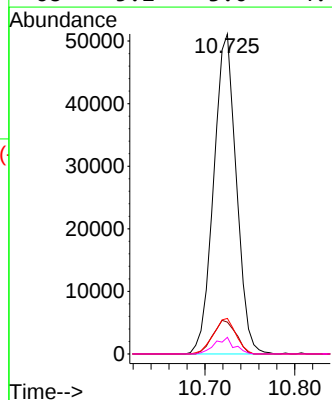
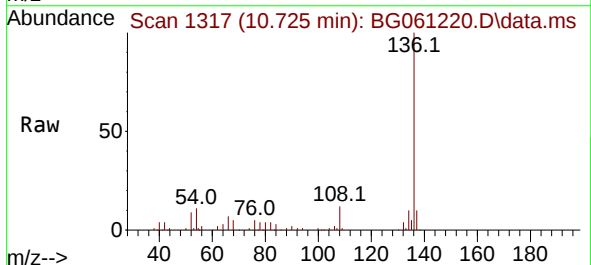
Instrument :
BNA_G
ClientSampleId :
B-114-SB01

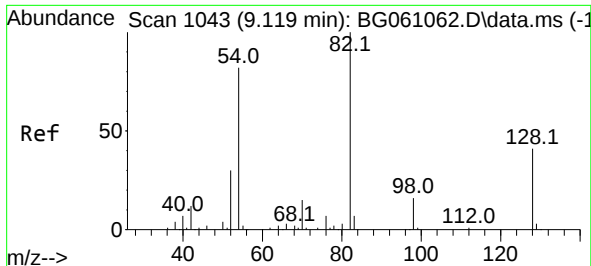
Tgt Ion: 99 Resp: 120898
Ion Ratio Lower Upper
99 100
42 34.0 29.2 43.8
71 45.9 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1317
Delta R.T. -0.033 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

Tgt Ion:136 Resp: 89417
Ion Ratio Lower Upper
136 100
137 9.9 7.8 11.6
54 11.6 8.1 12.1
68 5.2 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 46.486 ng

RT: 9.086 min Scan# 1043

Delta R.T. -0.033 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

Instrument :

BNA_G

ClientSampleId :

B-114-SB01

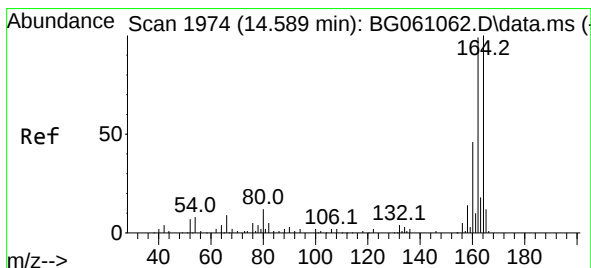
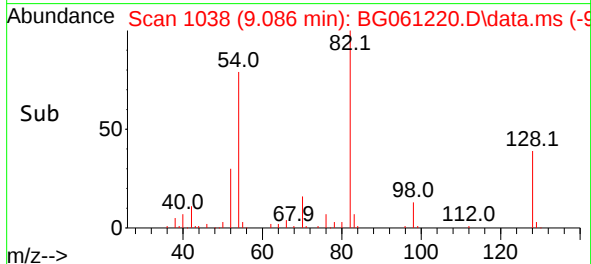
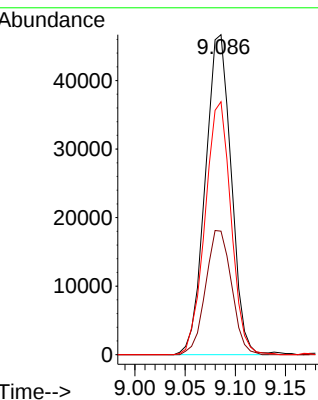
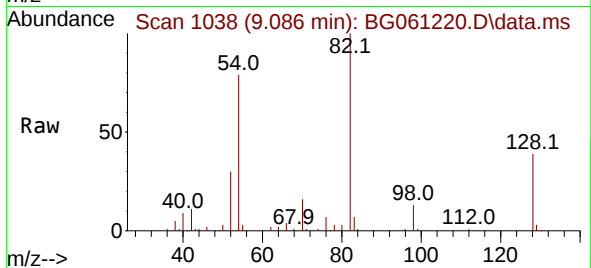
Tgt Ion: 82 Resp: 83851

Ion Ratio Lower Upper

82 100

128 38.6 32.7 49.1

54 79.0 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1970

Delta R.T. -0.027 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

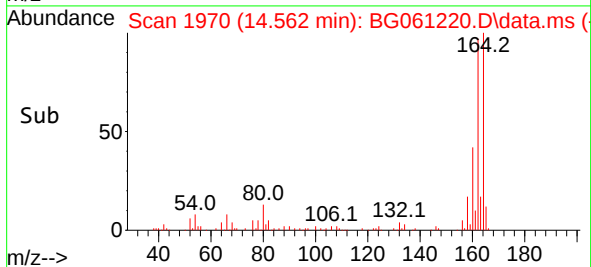
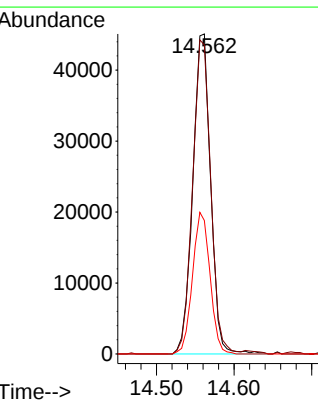
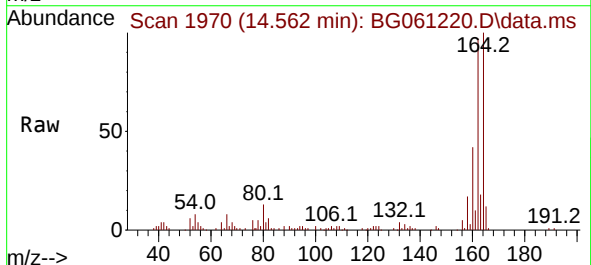
Tgt Ion: 164 Resp: 72013

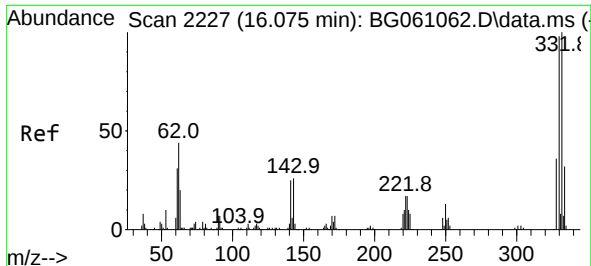
Ion Ratio Lower Upper

164 100

162 96.6 79.4 119.2

160 41.7 37.0 55.6

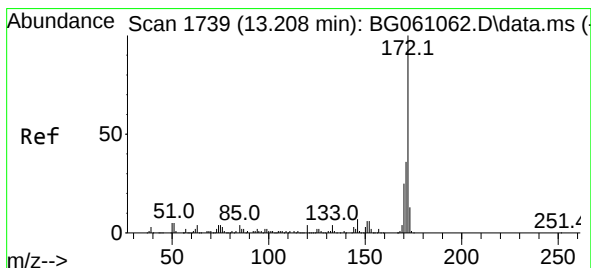
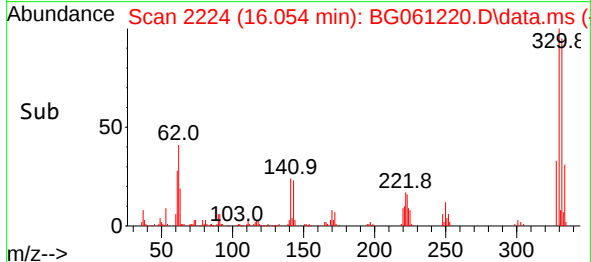
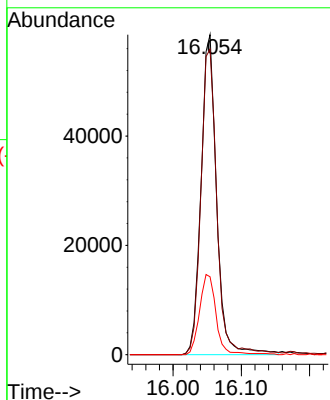
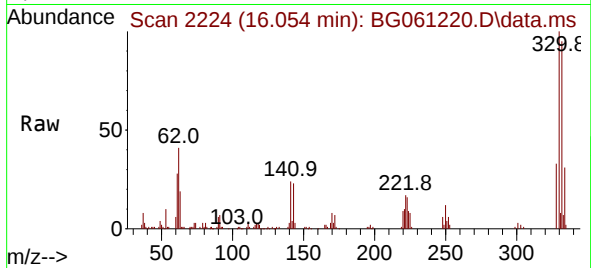




#42
2,4,6-Tribromophenol
Concen: 64.683 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

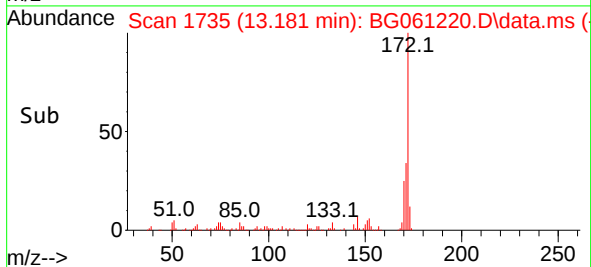
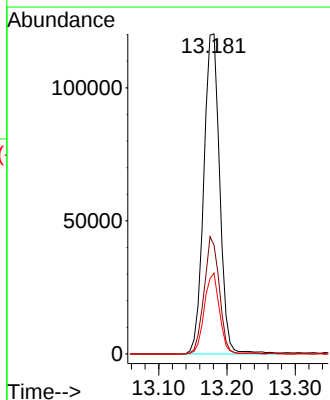
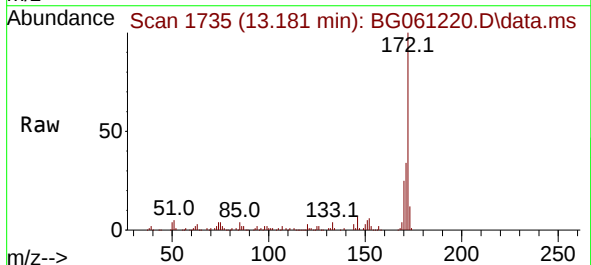
Instrument :
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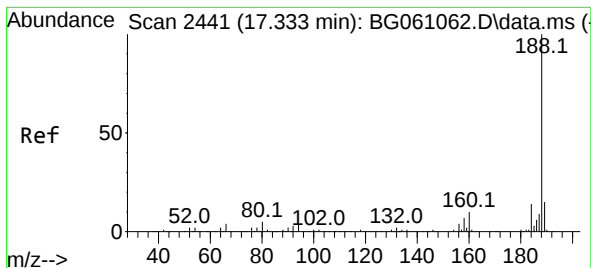
Tgt Ion:330 Resp: 93106
Ion Ratio Lower Upper
330 100
332 97.7 78.6 117.8
141 26.3 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 40.199 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061220.D
Acq: 16 May 2024 14:36

Tgt Ion:172 Resp: 195766
Ion Ratio Lower Upper
172 100
171 34.0 29.0 43.6
170 25.3 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.305 min Scan# 2441

Delta R.T. -0.027 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

Instrument :

BNA_G

ClientSampleId :

B-114-SB01

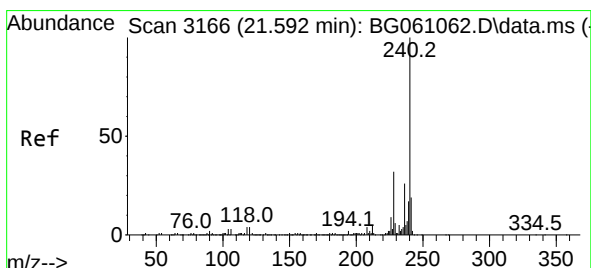
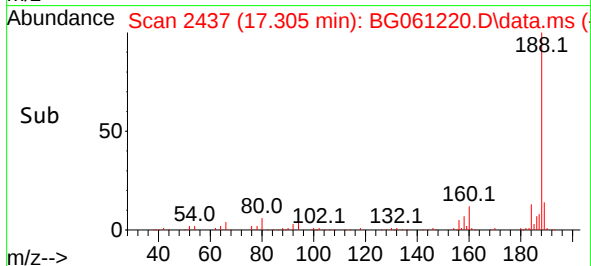
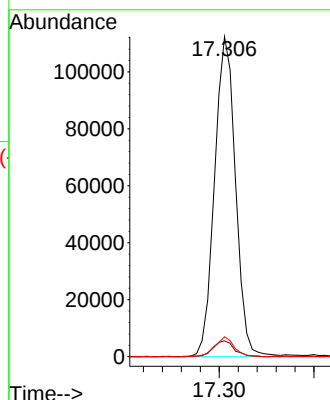
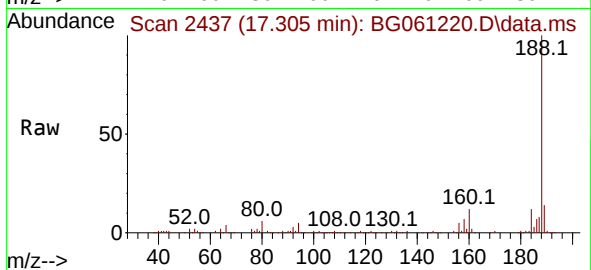
Tgt Ion:188 Resp: 172509

Ion Ratio Lower Upper

188 100

94 4.9 3.6 5.4

80 6.2 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.565 min Scan# 3162

Delta R.T. -0.027 min

Lab File: BG061220.D

Acq: 16 May 2024 14:36

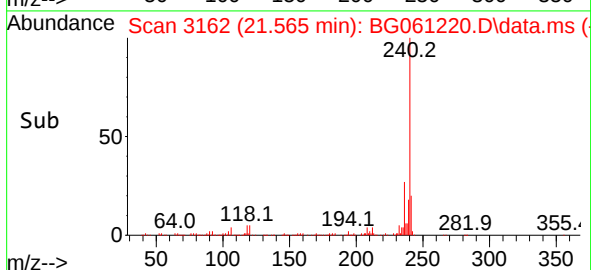
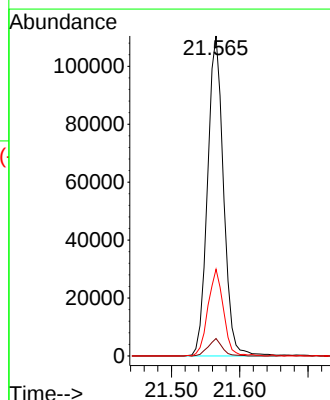
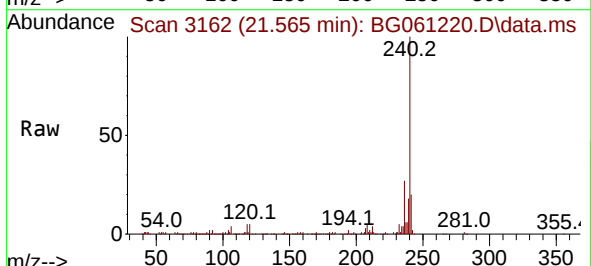
Tgt Ion:240 Resp: 179926

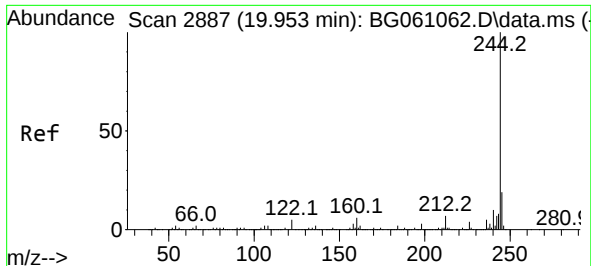
Ion Ratio Lower Upper

240 100

120 5.4 3.2 4.8#

236 27.1 21.0 31.6

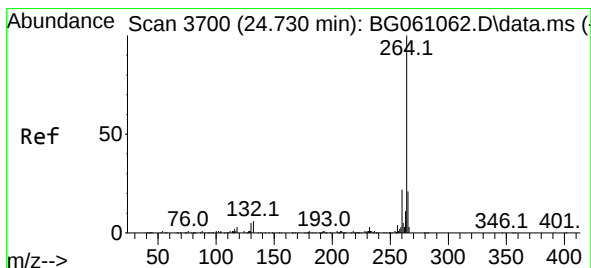
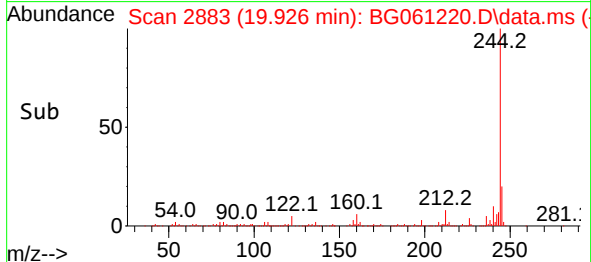
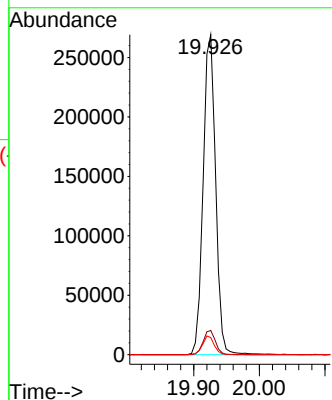
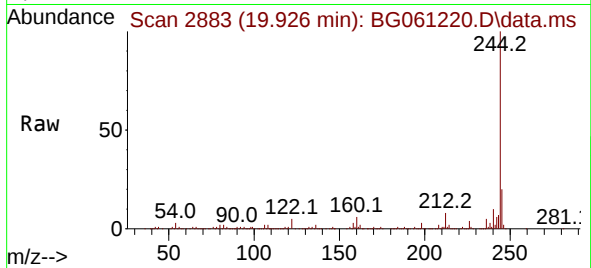




#79
 Terphenyl-d14
 Concen: 32.954 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061220.D
 Acq: 16 May 2024 14:36

Instrument :
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 B-114-SB01

Tgt Ion:244 Resp: 356513
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.3 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.691 min Scan# 3694
 Delta R.T. -0.039 min
 Lab File: BG061220.D
 Acq: 16 May 2024 14:36

Tgt Ion:264 Resp: 216215
 Ion Ratio Lower Upper
 264 100
 260 24.8 17.7 26.5
 265 19.6 16.4 24.6

