

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
 Data File : BG061169.D
 Acq On : 10 May 2024 19:02
 Operator : MA/JU
 Sample : P2437-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 359

Quant Time: May 10 23:01:44 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)

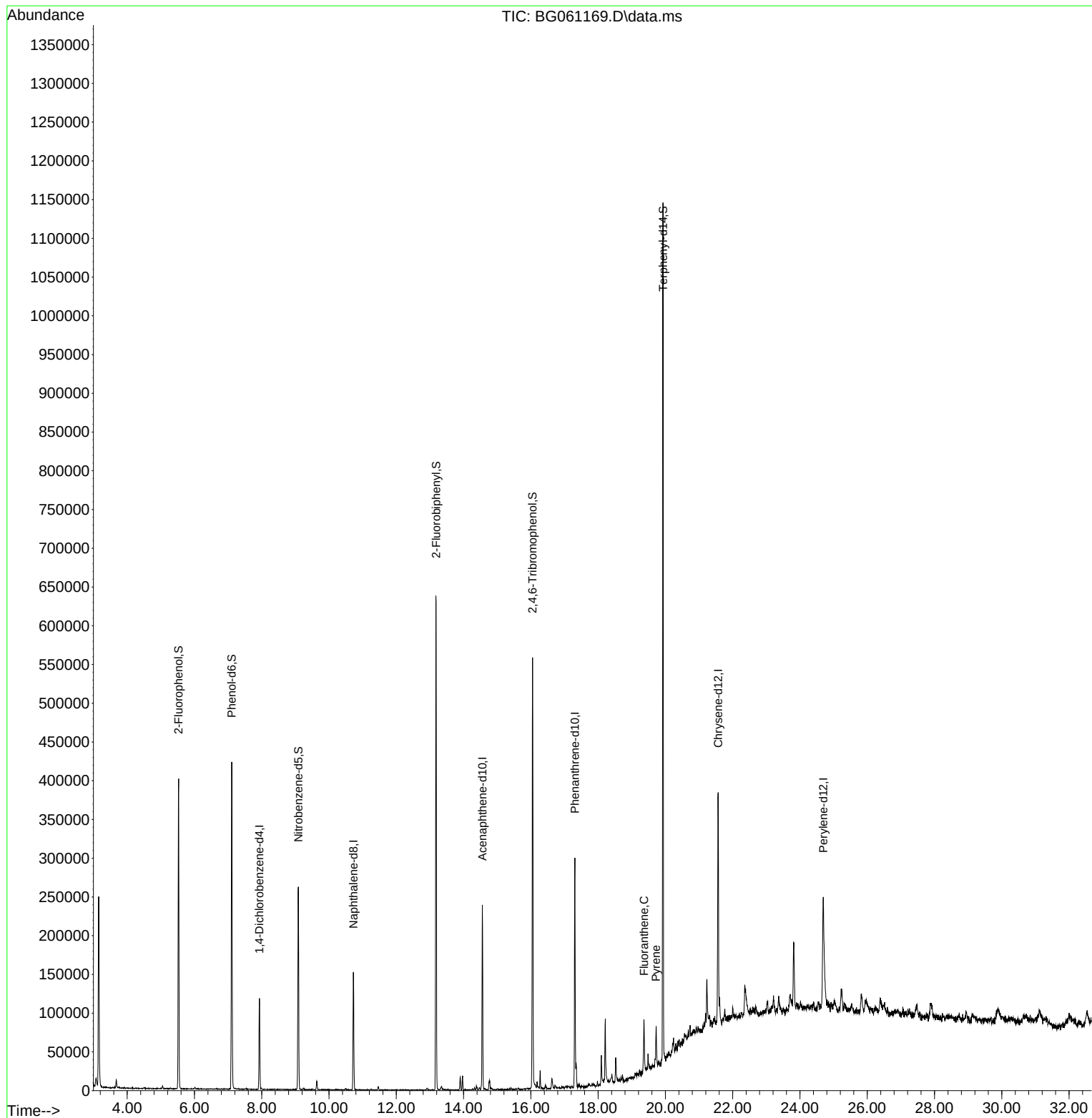
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	30322	20.000	ng	-0.03
21) Naphthalene-d8	10.728	136	120557	20.000	ng	-0.03
39) Acenaphthene-d10	14.559	164	87317	20.000	ng	-0.03
64) Phenanthrene-d10	17.309	188	191116	20.000	ng	-0.02
76) Chrysene-d12	21.568	240	190514	20.000	ng	-0.02
86) Perylene-d12	24.694	264	206498	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	141839	95.133	ng	-0.02
7) Phenol-d6	7.109	99	188008	85.242	ng	-0.02
23) Nitrobenzene-d5	9.089	82	134774	55.418	ng	-0.03
42) 2,4,6-Tribromophenol	16.051	330	125724	72.035	ng	-0.02
45) 2-Fluorobiphenyl	13.184	172	334561	56.658	ng	-0.02
79) Terphenyl-d14	19.929	244	573557	50.070	ng	-0.02
Target Compounds						
75) Fluoranthene	19.365	202	39255	3.279	ng	Qvalue 96
78) Pyrene	19.723	202	33514m	2.767	ng	

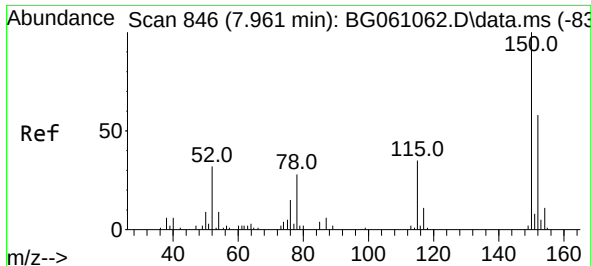
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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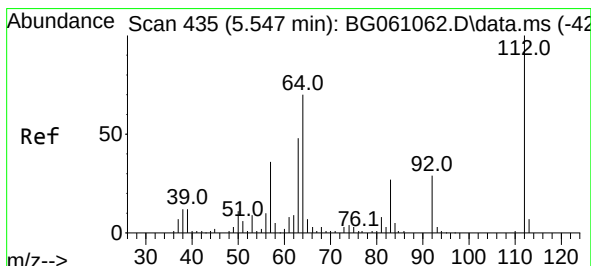
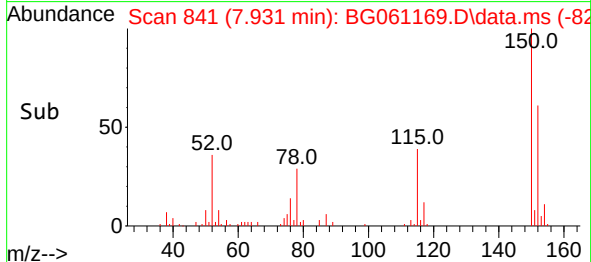
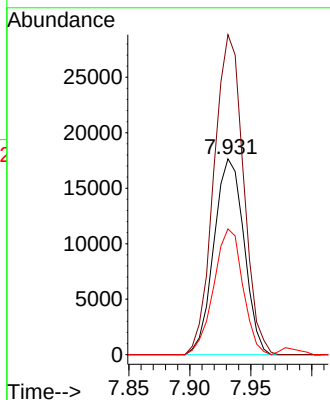
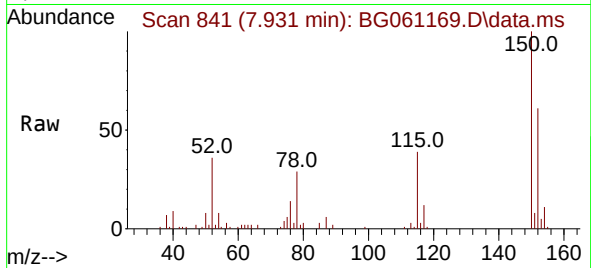




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 846
Delta R.T. -0.030 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

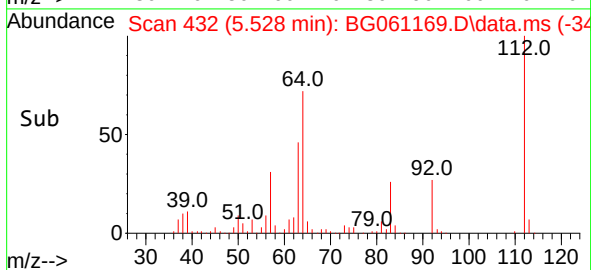
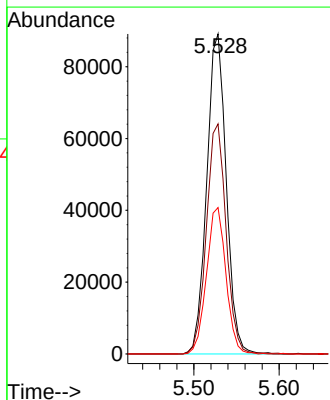
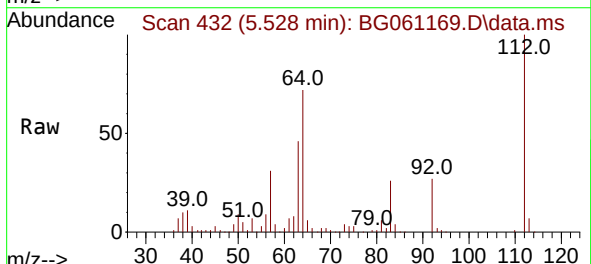
Instrument :
BNA_G
ClientSampleId :
359

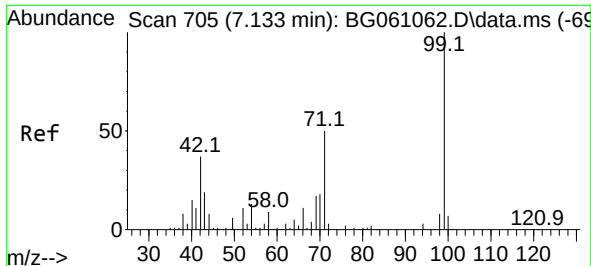
Tgt Ion:152 Resp: 30322
Ion Ratio Lower Upper
152 100
150 163.4 138.3 207.5
115 64.2 48.0 72.0



#5
2-Fluorophenol
Concen: 95.133 ng
RT: 5.528 min Scan# 432
Delta R.T. -0.018 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

Tgt Ion:112 Resp: 141839
Ion Ratio Lower Upper
112 100
64 71.9 55.7 83.5
63 45.7 38.1 57.1

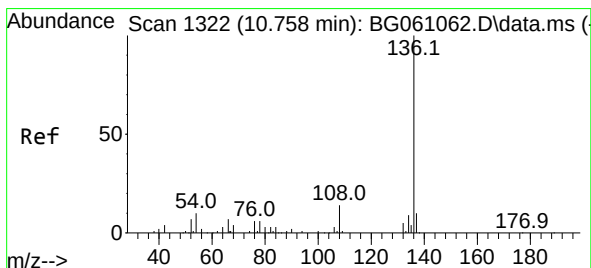
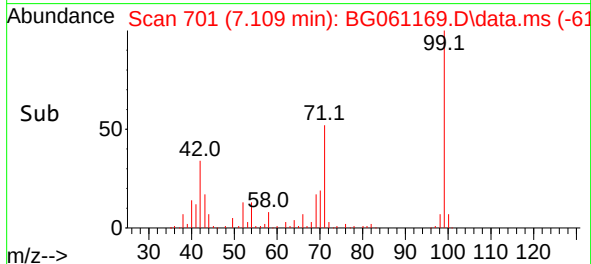
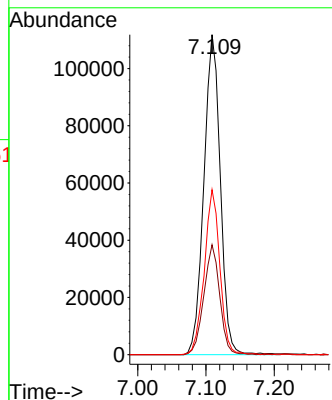
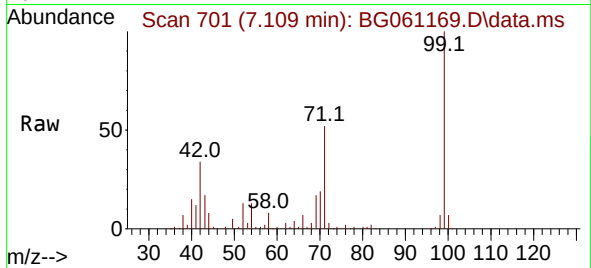




#7
Phenol-d6
Concen: 85.242 ng
RT: 7.109 min Scan# 705
Delta R.T. -0.024 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

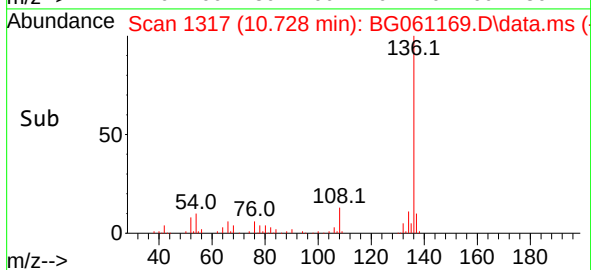
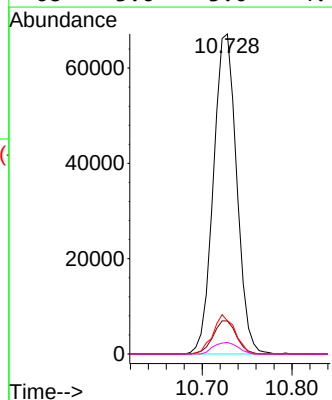
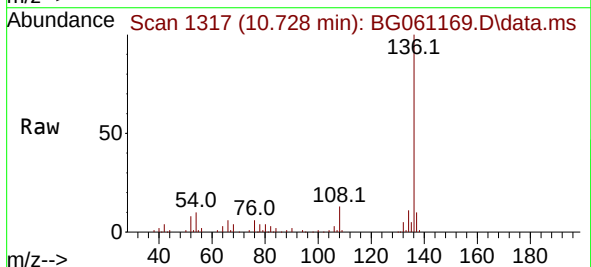
Instrument :
BNA_G
ClientSampleId :
359

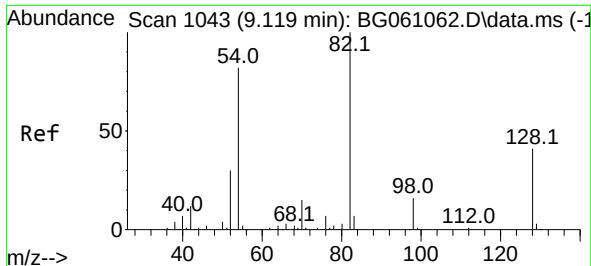
Tgt Ion: 99 Resp: 188008
Ion Ratio Lower Upper
99 100
42 34.4 29.2 43.8
71 51.6 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1317
Delta R.T. -0.030 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

Tgt Ion: 136 Resp: 120557
Ion Ratio Lower Upper
136 100
137 10.3 7.8 11.6
54 10.4 8.1 12.1
68 3.6 3.0 4.4





#23

Nitrobenzene-d5

Concen: 55.418 ng

RT: 9.089 min Scan# 1038

Delta R.T. -0.030 min

Lab File: BG061169.D

Acq: 10 May 2024 19:02

Instrument :

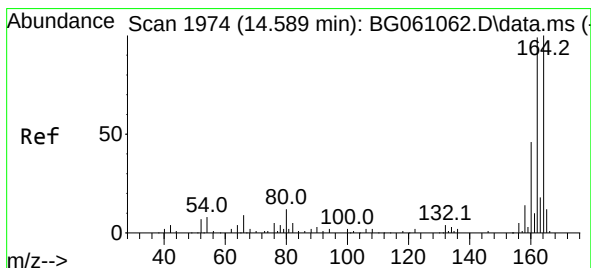
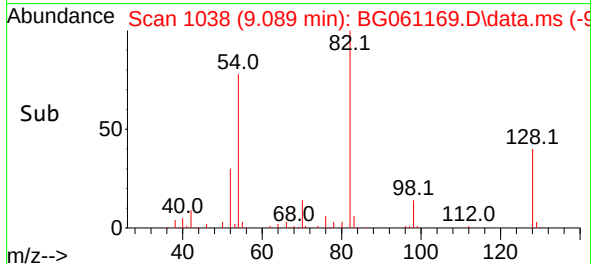
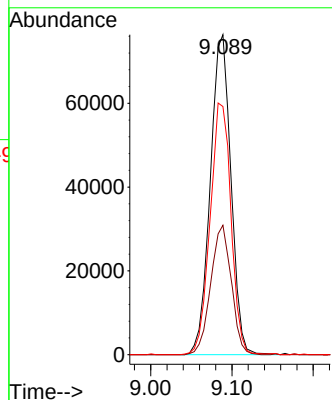
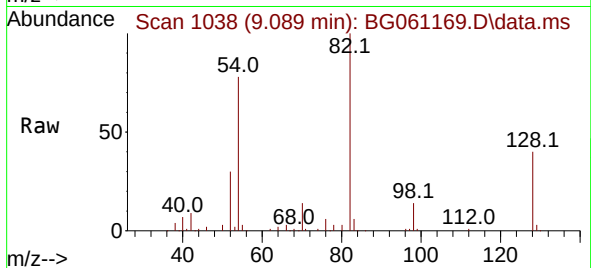
BNA_G

ClientSampleId :

359

Tgt Ion: 82 Resp: 134774

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.7	49.1
54	77.5	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.559 min Scan# 1969

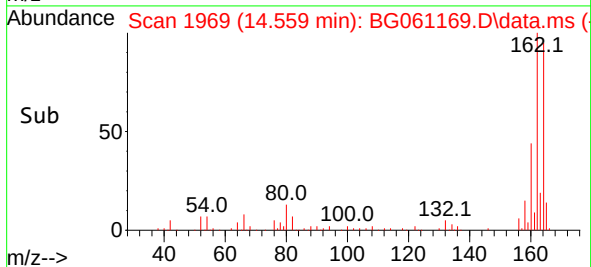
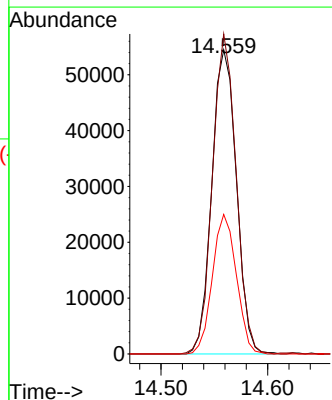
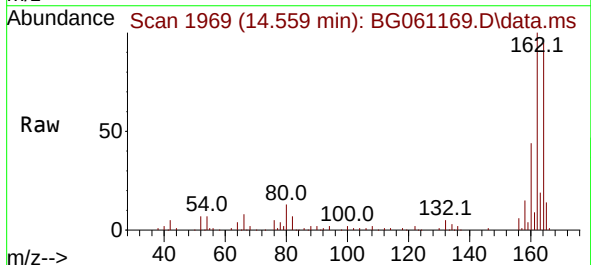
Delta R.T. -0.030 min

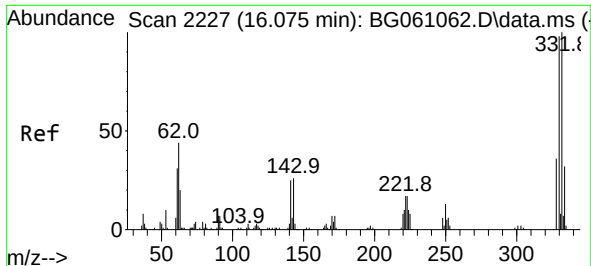
Lab File: BG061169.D

Acq: 10 May 2024 19:02

Tgt Ion: 164 Resp: 87317

Ion	Ratio	Lower	Upper
164	100		
162	105.2	79.4	119.2
160	45.8	37.0	55.6

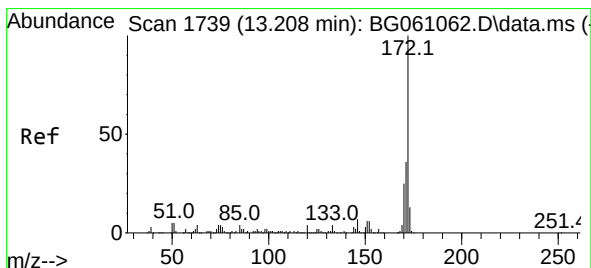
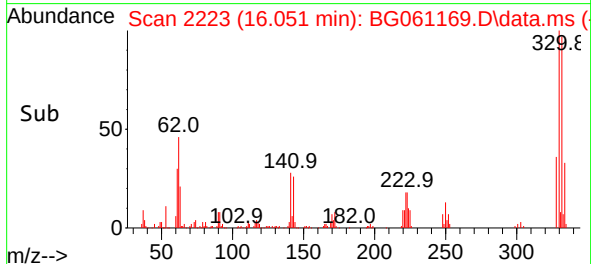
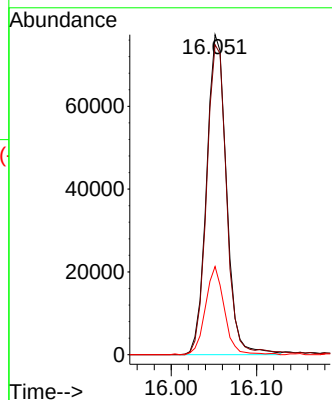
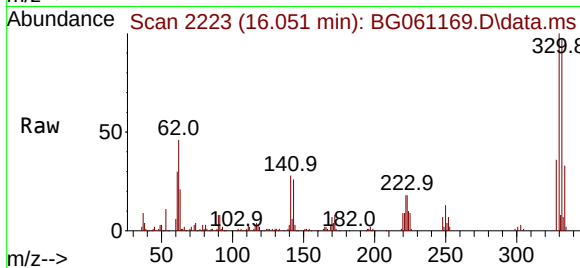




#42
2,4,6-Tribromophenol
Concen: 72.035 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

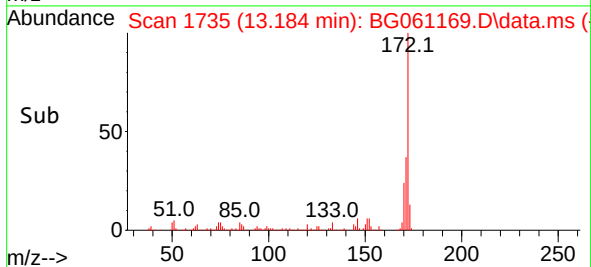
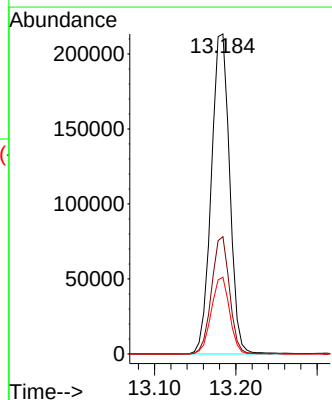
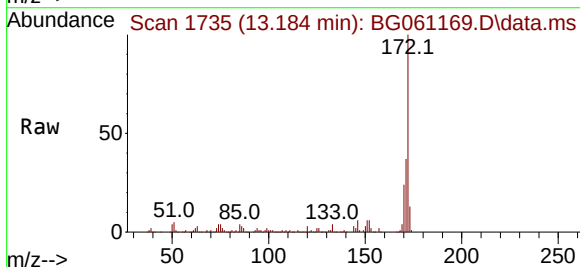
Instrument :
BNA_G
ClientSampleId :
359

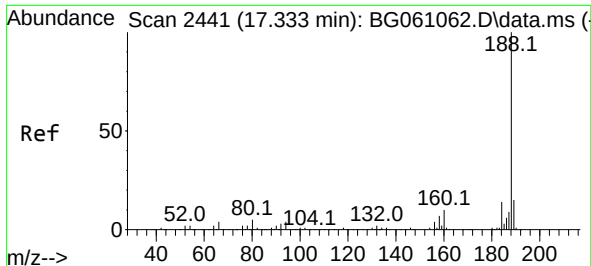
Tgt Ion:330 Resp: 125724
Ion Ratio Lower Upper
330 100
332 97.3 78.6 117.8
141 26.2 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 56.658 ng
RT: 13.184 min Scan# 1735
Delta R.T. -0.024 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

Tgt Ion:172 Resp: 334561
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.0 20.2 30.4

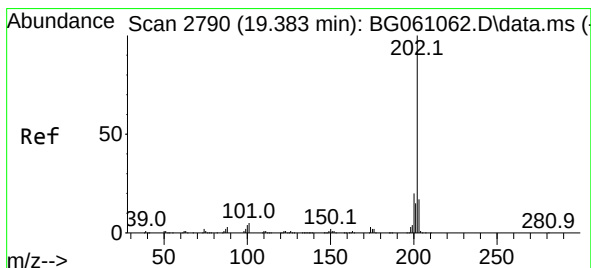
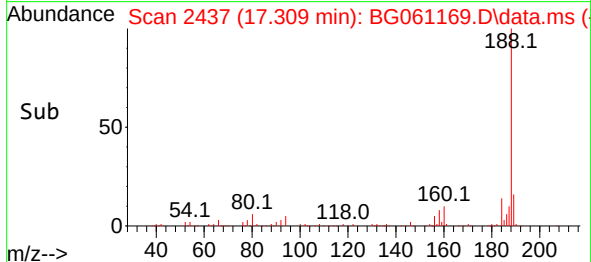
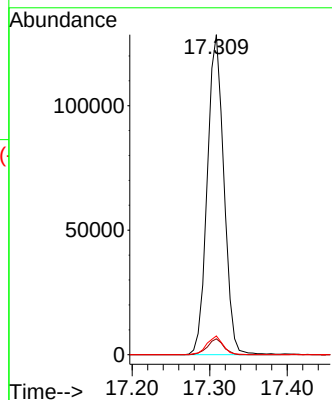
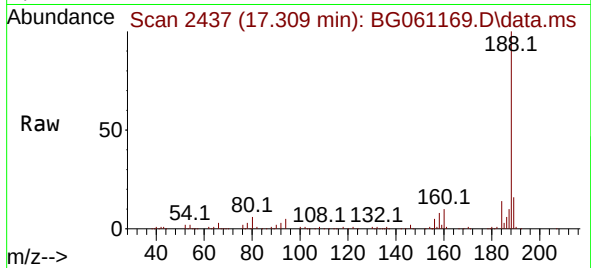




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2441
Delta R.T. -0.024 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

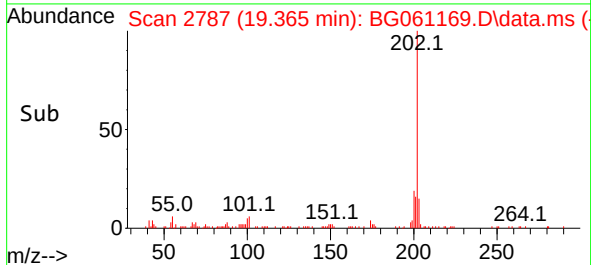
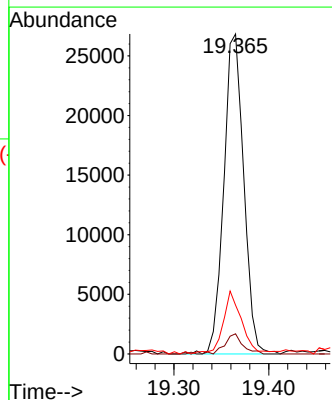
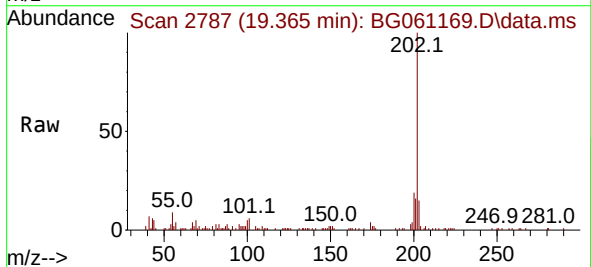
Instrument :
BNA_G
ClientSampleId :
359

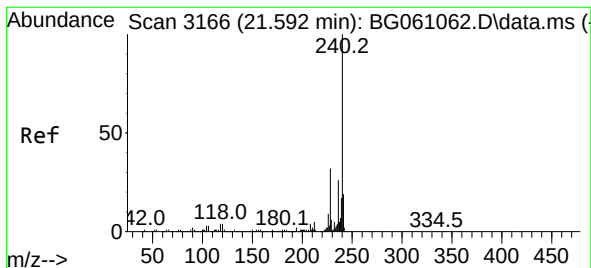
Tgt Ion:188 Resp: 191116
Ion Ratio Lower Upper
188 100
94 5.0 3.6 5.4
80 5.9 4.2 6.2



#75
Fluoranthene
Concen: 3.279 ng
RT: 19.365 min Scan# 2787
Delta R.T. -0.018 min
Lab File: BG061169.D
Acq: 10 May 2024 19:02

Tgt Ion:202 Resp: 39255
Ion Ratio Lower Upper
202 100
101 6.3 0.0 24.7
203 15.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 31

Delta R.T. -0.024 min

Lab File: BG061169.D

Acq: 10 May 2024 19:02

Instrument :

BNA_G

ClientSampleId :

359

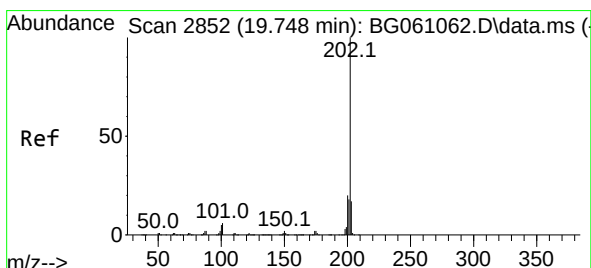
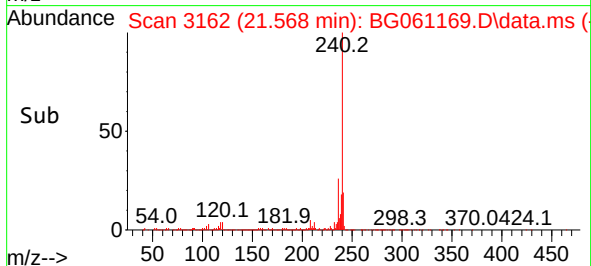
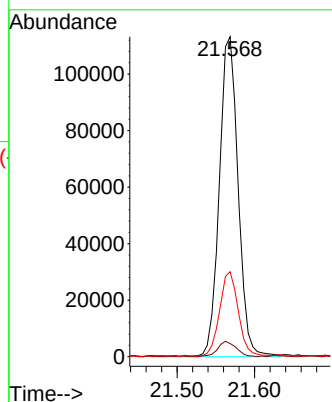
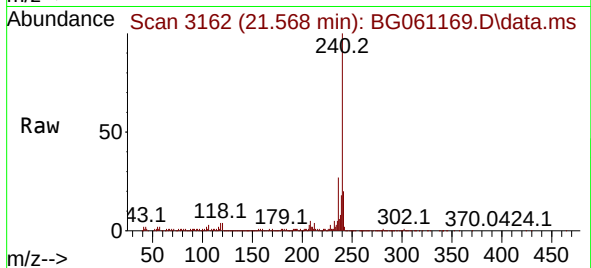
Tgt Ion:240 Resp: 190514

Ion Ratio Lower Upper

240 100

120 4.1 3.2 4.8

236 26.5 21.0 31.6



#78

Pyrene

Concen: 2.767 ng m

RT: 19.723 min Scan# 2848

Delta R.T. -0.024 min

Lab File: BG061169.D

Acq: 10 May 2024 19:02

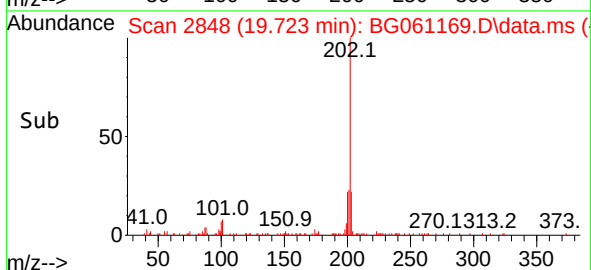
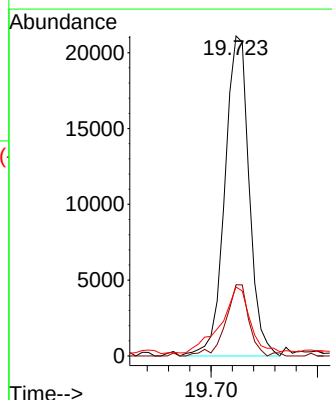
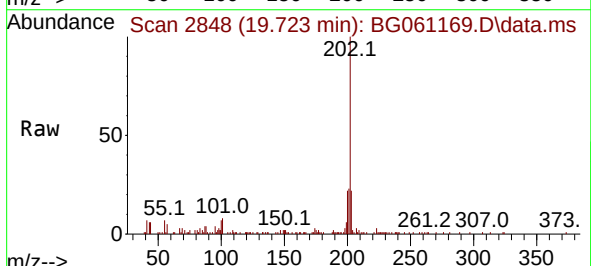
Tgt Ion:202 Resp: 33514

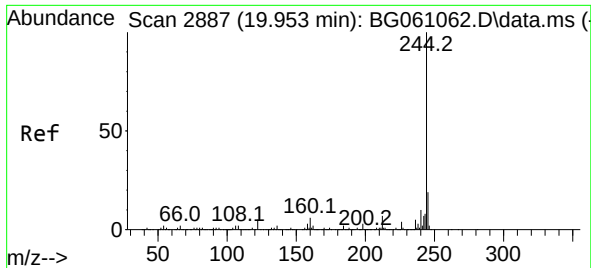
Ion Ratio Lower Upper

202 100

200 22.2 16.2 24.4

203 21.5 13.3 19.9#

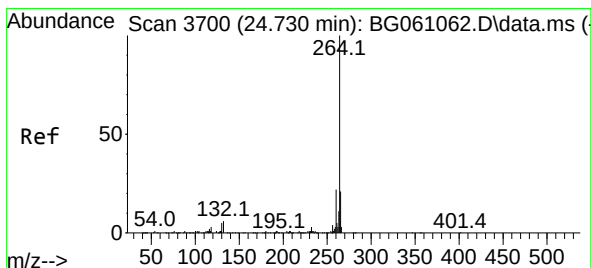
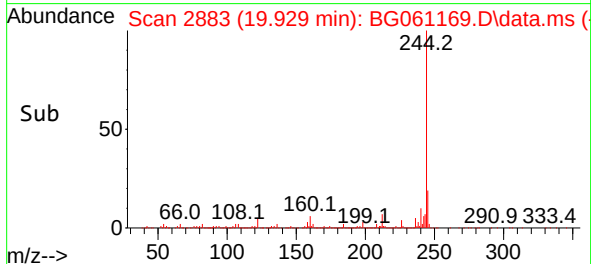
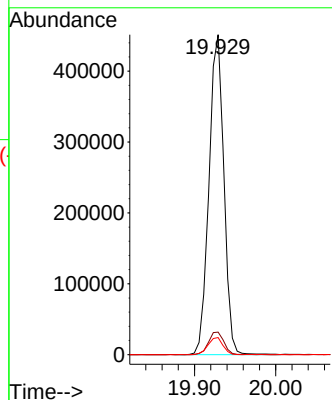
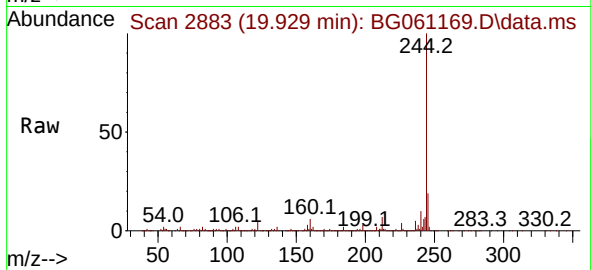




#79
 Terphenyl-d14
 Concen: 50.070 ng
 RT: 19.929 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BG061169.D
 Acq: 10 May 2024 19:02

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 573557
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.4 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.694 min Scan# 3694
 Delta R.T. -0.036 min
 Lab File: BG061169.D
 Acq: 10 May 2024 19:02

Tgt Ion:264 Resp: 206498
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.7 26.5
 265 21.6 16.4 24.6

