

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062670.D
 Acq On : 5 Sep 2024 17:12
 Operator : MA/JU
 Sample : PB163139BL
 Misc : MDL-WATER-8 ng
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB163139BL

Quant Time: Sep 05 17:49:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	44900	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	166560	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	130204	20.000	ng	0.00
64) Phenanthrene-d10	17.284	188	386128	20.000	ng	0.00
76) Chrysene-d12	21.532	240	474388	20.000	ng	0.00
86) Perylene-d12	24.599	264	535371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	379458	146.082	ng	0.00
7) Phenol-d6	7.084	99	488137	130.081	ng	0.00
23) Nitrobenzene-d5	9.070	82	288592	93.315	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	281182	153.452	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	742005	92.308	ng	0.00
79) Terphenyl-d14	19.905	244	2172078	90.788	ng	0.00

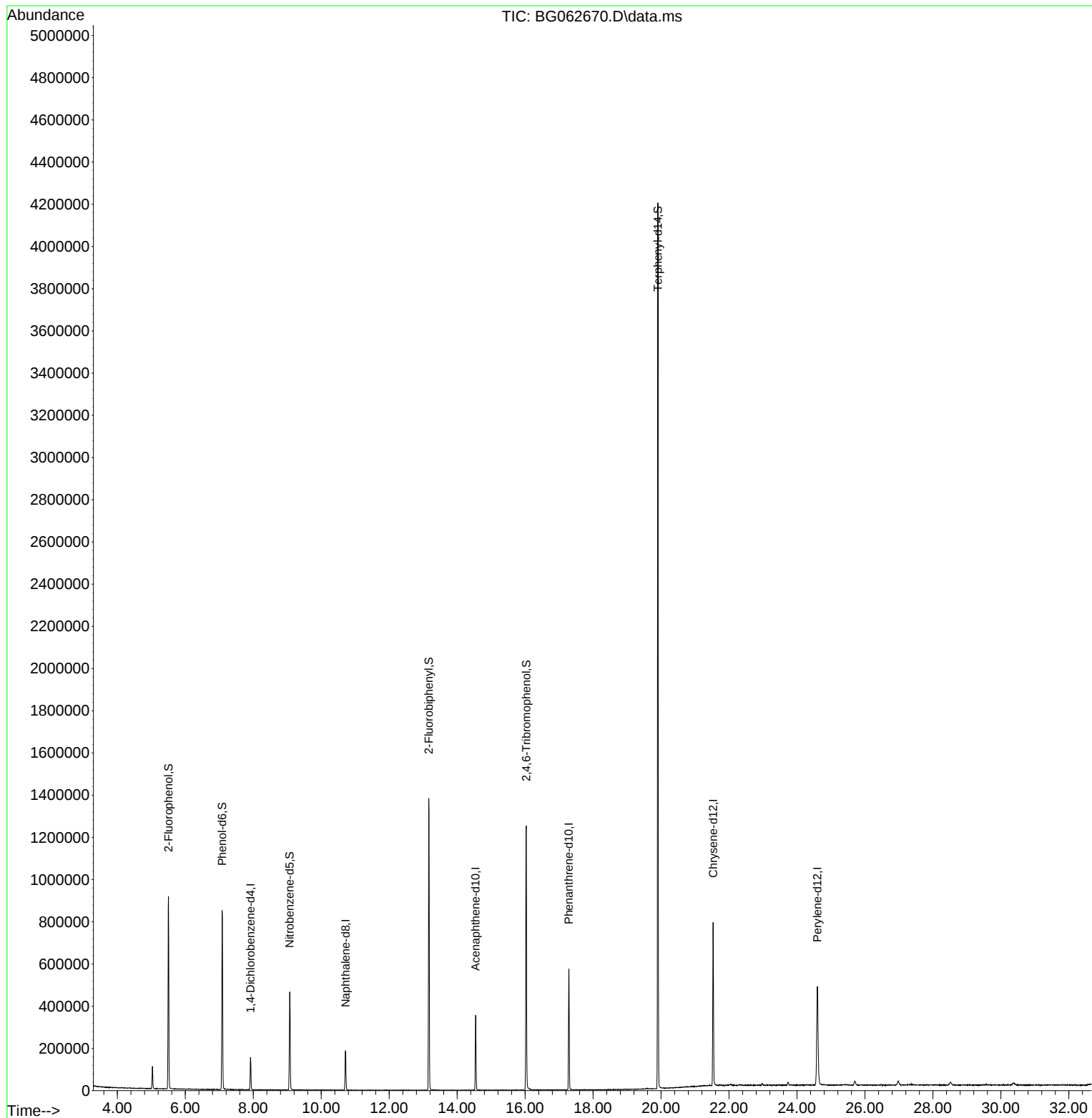
Target Compounds	Qvalue

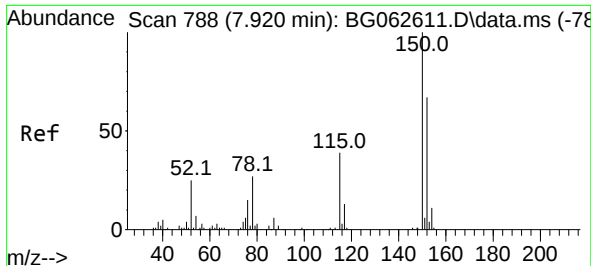
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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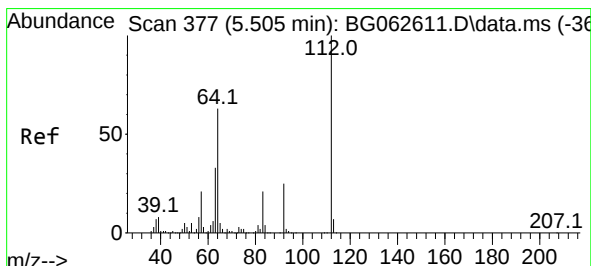
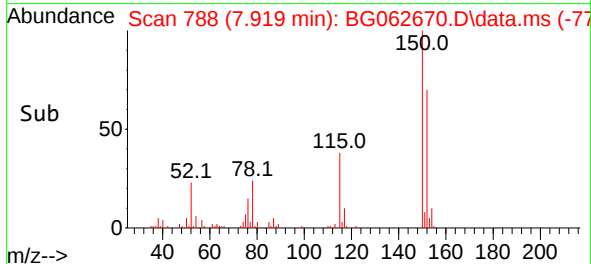
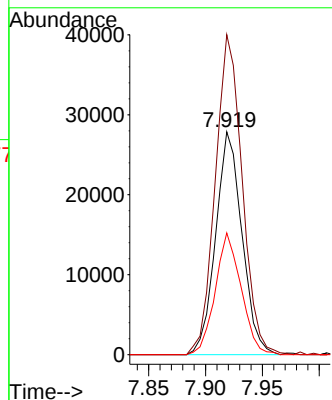
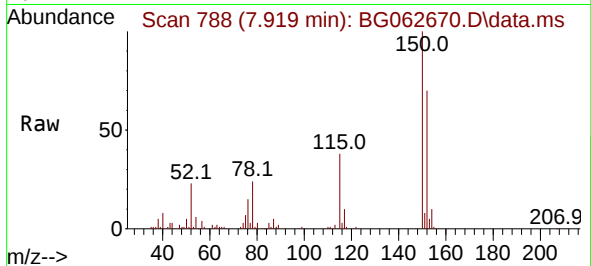




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

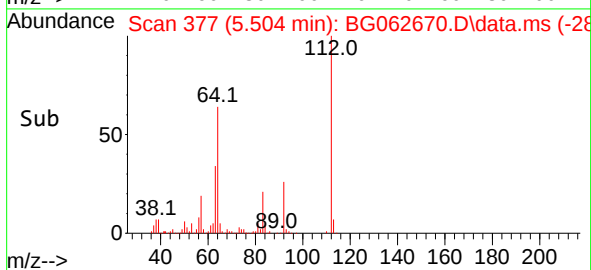
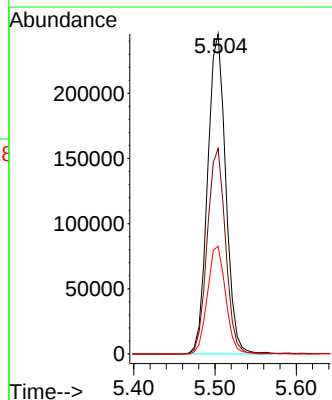
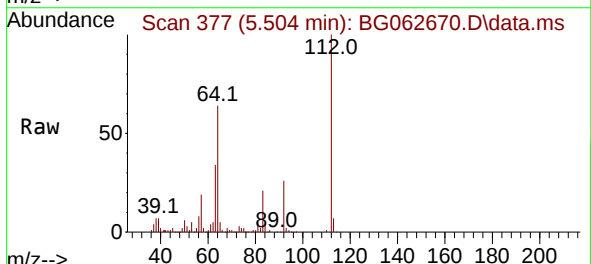
Instrument :
BNA_G
ClientSampleId :
PB163139BL

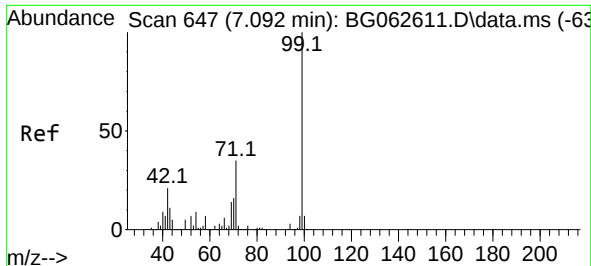
Tgt Ion:152 Resp: 44900
Ion Ratio Lower Upper
152 100
150 143.6 119.9 179.9
115 54.6 46.6 69.8



#5
2-Fluorophenol
Concen: 146.082 ng
RT: 5.504 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

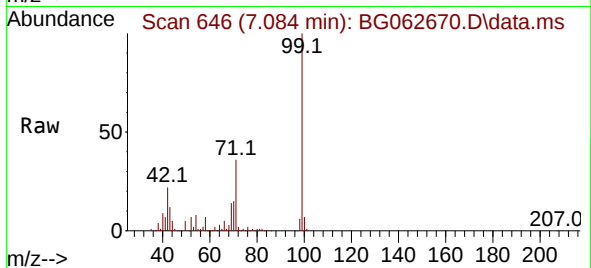
Tgt Ion:112 Resp: 379458
Ion Ratio Lower Upper
112 100
64 64.2 50.2 75.2
63 33.7 26.6 39.8





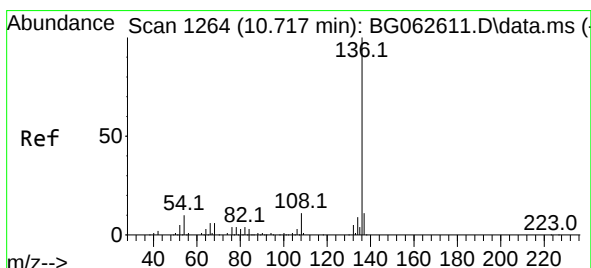
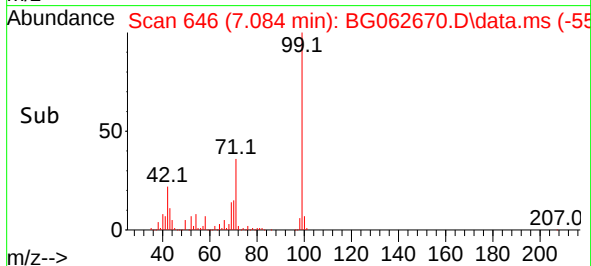
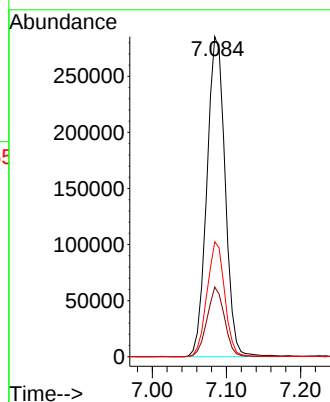
#7
Phenol-d6
Concen: 130.081 ng
RT: 7.084 min Scan# 647
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB163139BL



Tgt Ion: 99 Resp: 488137

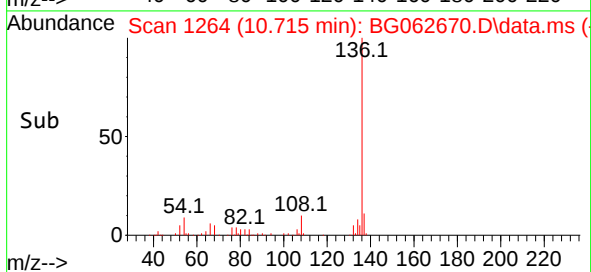
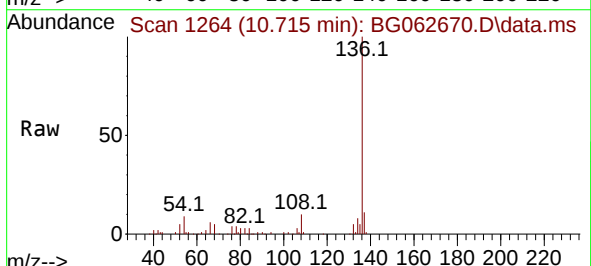
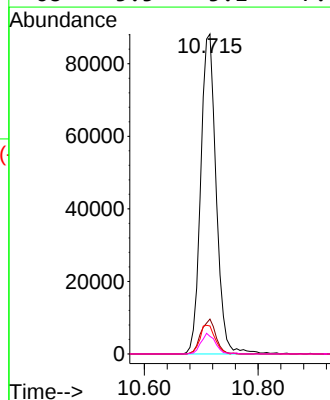
Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.9	25.3
71	35.9	27.9	41.9

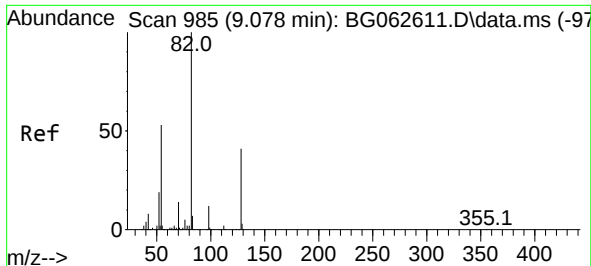


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion: 136 Resp: 166560

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.7	7.8	11.6
68	5.5	5.1	7.7

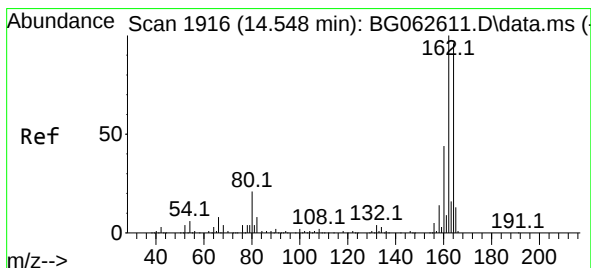
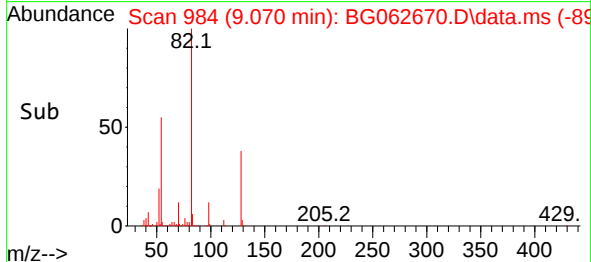
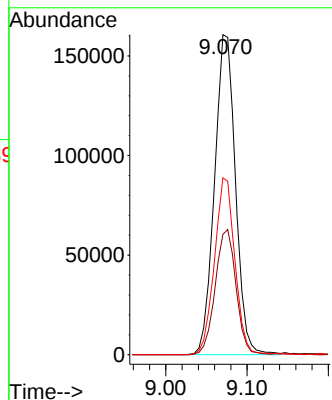
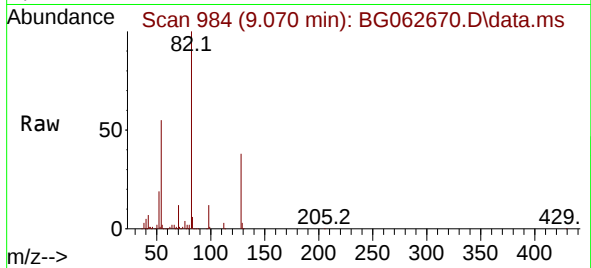




#23
Nitrobenzene-d5
Concen: 93.315 ng
RT: 9.070 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

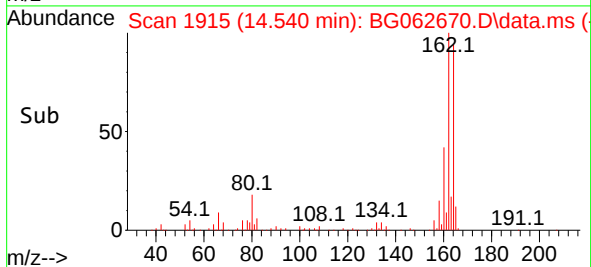
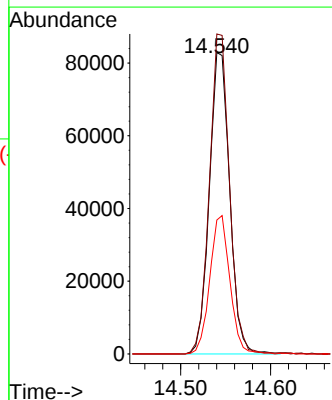
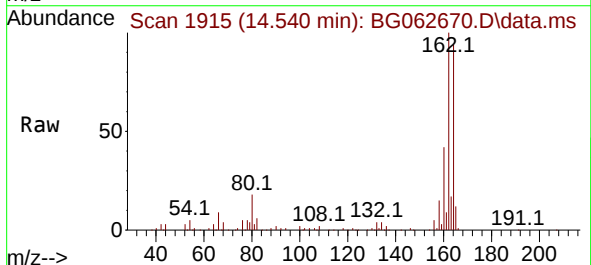
Instrument :
BNA_G
ClientSampleId :
PB163139BL

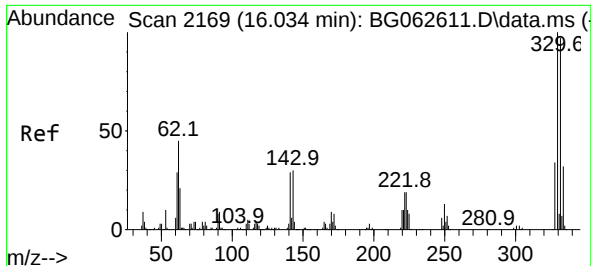
Tgt Ion: 82 Resp: 288592
Ion Ratio Lower Upper
82 100
128 37.6 32.5 48.7
54 55.2 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1915
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

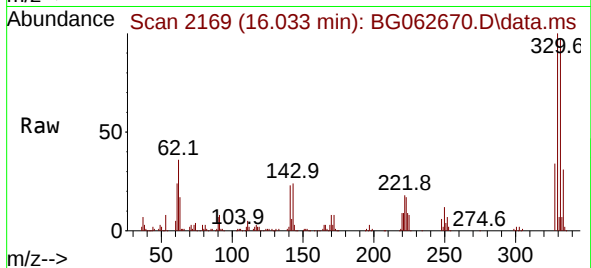
Tgt Ion: 164 Resp: 130204
Ion Ratio Lower Upper
164 100
162 106.2 83.1 124.7
160 44.4 36.2 54.4



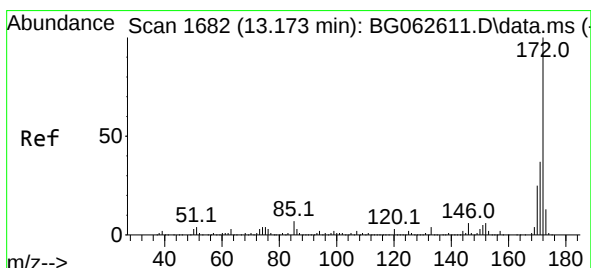
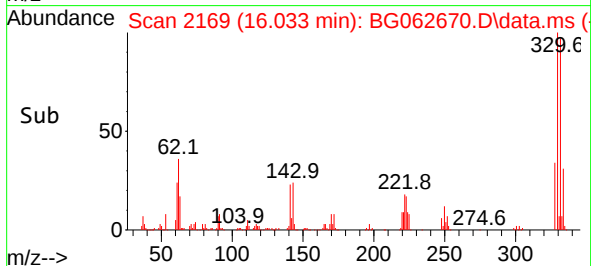
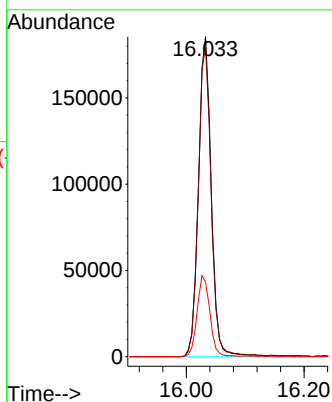


#42
2,4,6-Tribromophenol
Concen: 153.452 ng
RT: 16.033 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Instrument :
BNA_G
ClientSampleId :
PB163139BL

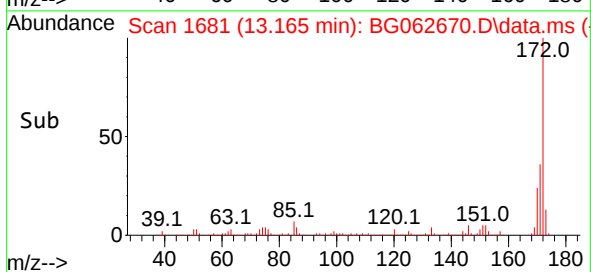
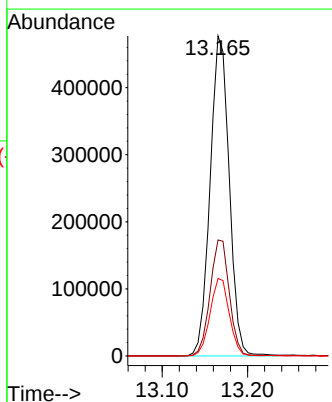
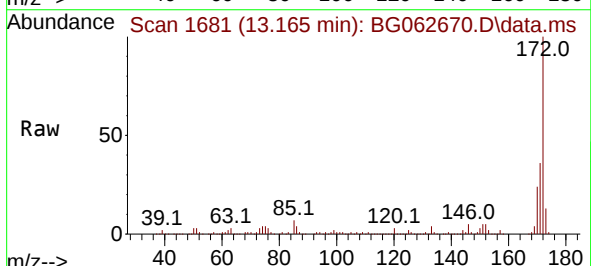


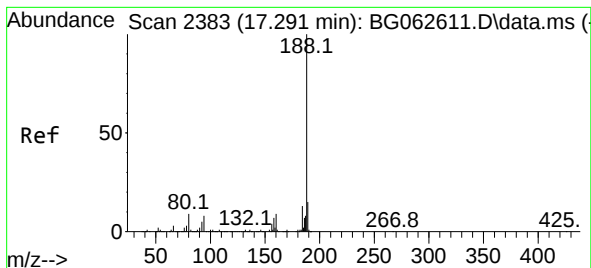
Tgt Ion:330 Resp: 281182
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 25.2 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 92.308 ng
RT: 13.165 min Scan# 1681
Delta R.T. -0.007 min
Lab File: BG062670.D
Acq: 5 Sep 2024 17:12

Tgt Ion:172 Resp: 742005
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.284 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG062670.D

Acq: 5 Sep 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB163139BL

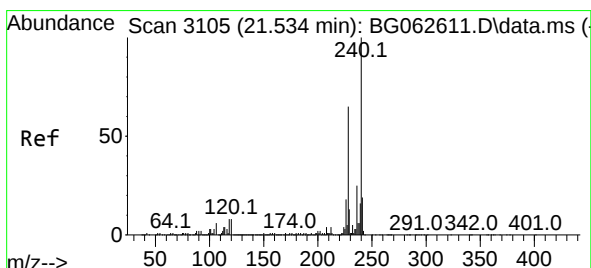
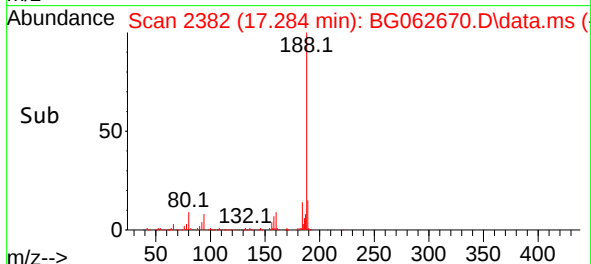
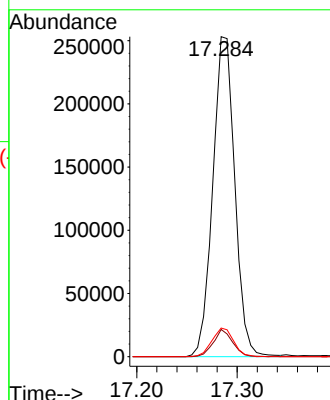
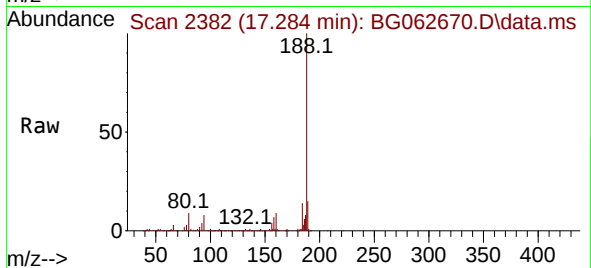
Tgt Ion:188 Resp: 386128

Ion Ratio Lower Upper

188 100

94 8.5 6.3 9.5

80 8.9 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.532 min Scan# 3105

Delta R.T. -0.002 min

Lab File: BG062670.D

Acq: 5 Sep 2024 17:12

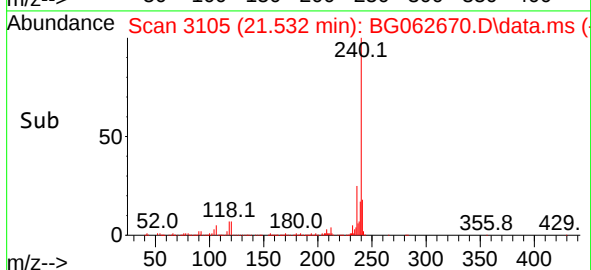
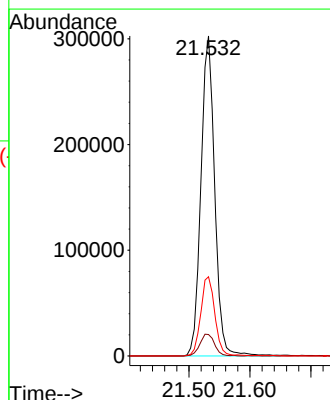
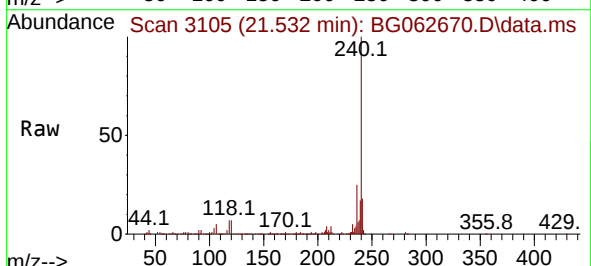
Tgt Ion:240 Resp: 474388

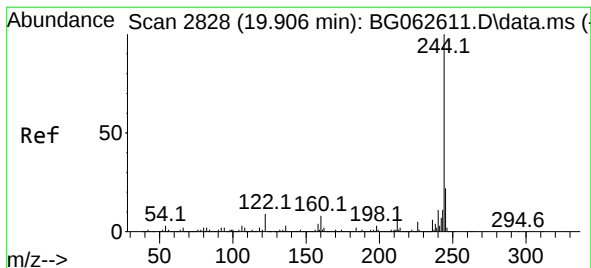
Ion Ratio Lower Upper

240 100

120 6.7 6.6 9.8

236 24.7 20.2 30.4





#79

Terphenyl-d14

Concen: 90.788 ng

RT: 19.905 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG062670.D

Acq: 5 Sep 2024 17:12

Instrument :

BNA_G

ClientSampleId :

PB163139BL

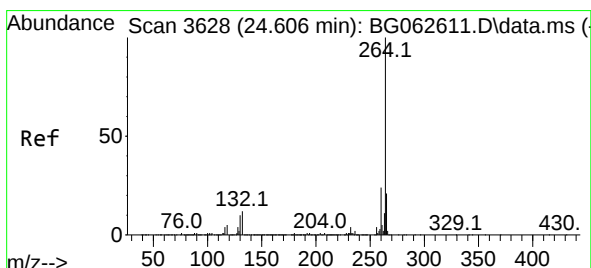
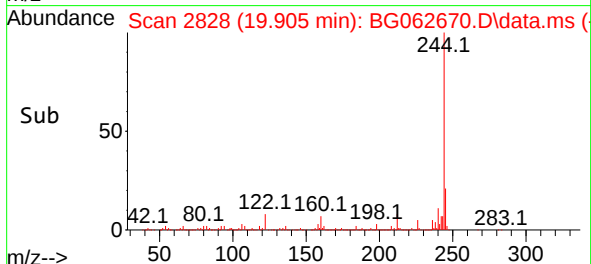
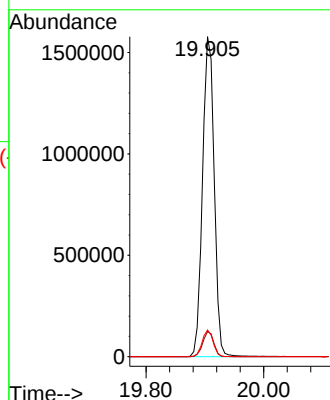
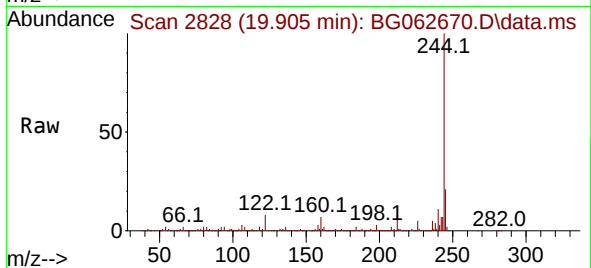
Tgt Ion:244 Resp: 2172078

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

122 8.4 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.599 min Scan# 3627

Delta R.T. -0.007 min

Lab File: BG062670.D

Acq: 5 Sep 2024 17:12

Tgt Ion:264 Resp: 535371

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 20.3 17.3 25.9

