

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064089.D
 Acq On : 11 Mar 2025 10:25
 Operator : RC/JU
 Sample : PB167045BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167045BL

Quant Time: Mar 11 11:25:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	29805	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	118925	20.000	ng	#-0.01
39) Acenaphthene-d10	14.488	164	80900	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	195505	20.000	ng	0.00
76) Chrysene-d12	21.457	240	233254	20.000	ng	0.00
86) Perylene-d12	24.471	264	250697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	271907	142.449	ng	0.00
7) Phenol-d6	7.027	99	343654	132.341	ng	0.00
23) Nitrobenzene-d5	9.013	82	224287	104.221	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	152450	169.528	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	519637	97.497	ng	0.00
79) Terphenyl-d14	19.847	244	1161783	100.711	ng	0.00

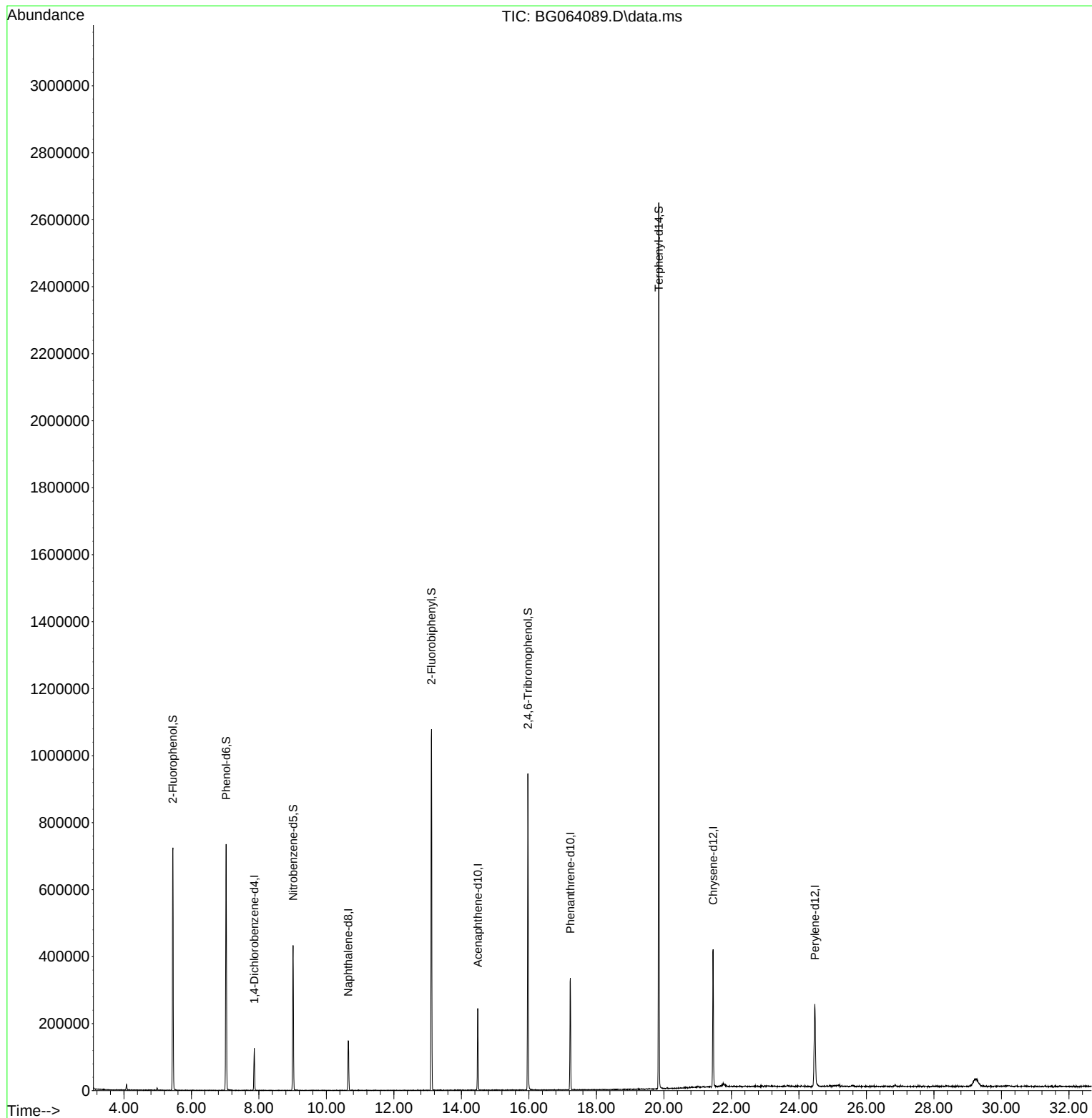
Target Compounds	Qvalue

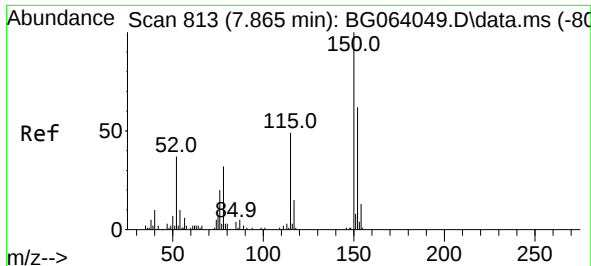
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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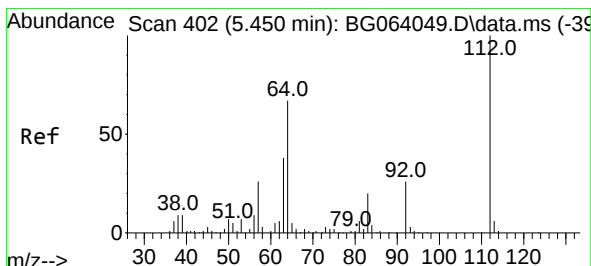
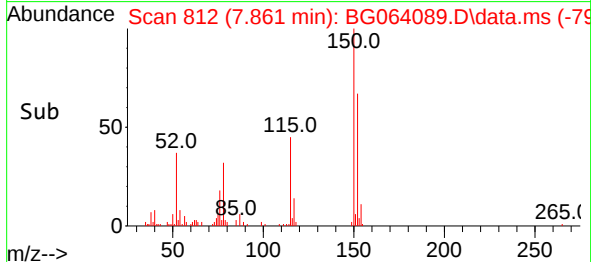
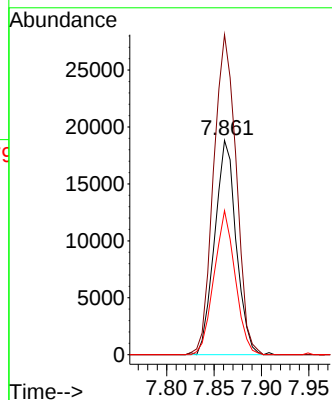
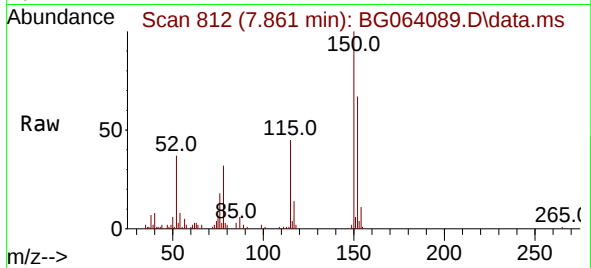




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

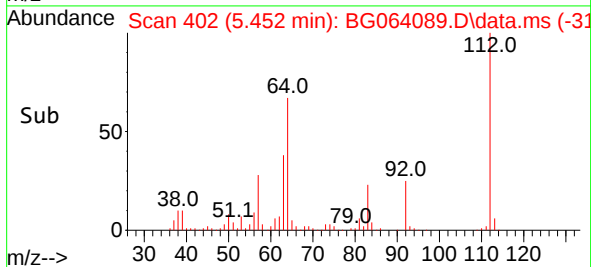
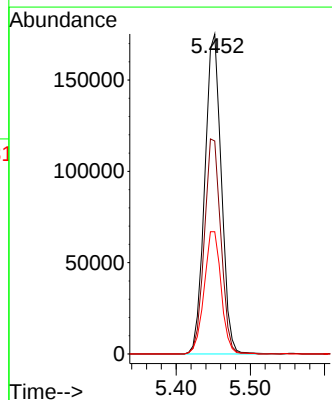
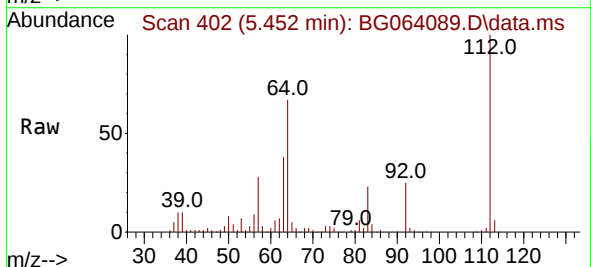
Instrument :
BNA_G
ClientSampleId :
PB167045BL

Tgt Ion:152 Resp: 29805
Ion Ratio Lower Upper
152 100
150 149.3 129.2 193.8
115 67.2 63.0 94.6



#5
2-Fluorophenol
Concen: 142.449 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

Tgt Ion:112 Resp: 271907
Ion Ratio Lower Upper
112 100
64 66.5 53.7 80.5
63 38.2 30.2 45.4

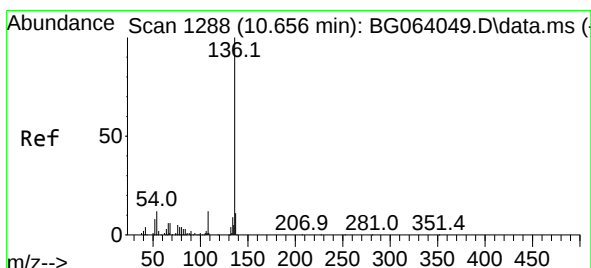
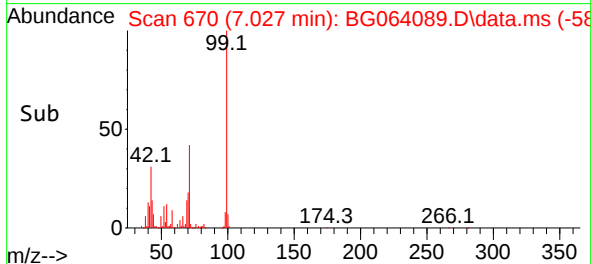
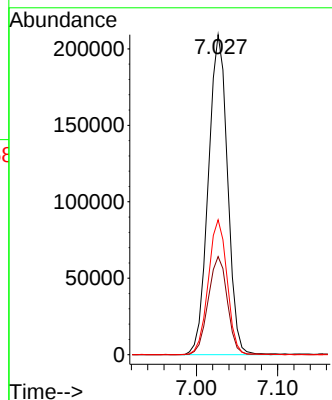
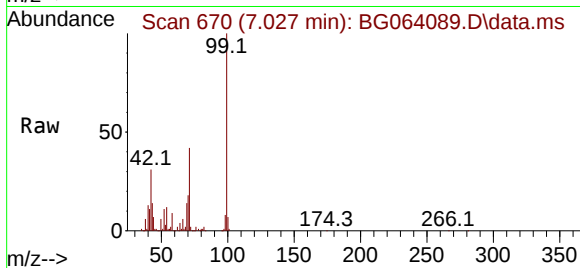




#7
Phenol-d6
Concen: 132.341 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

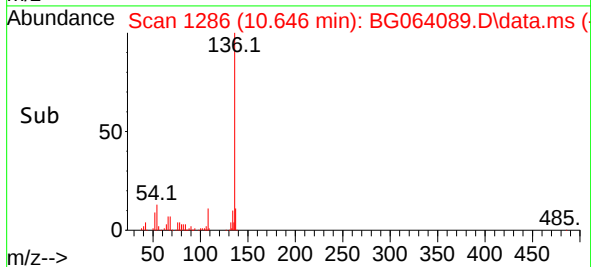
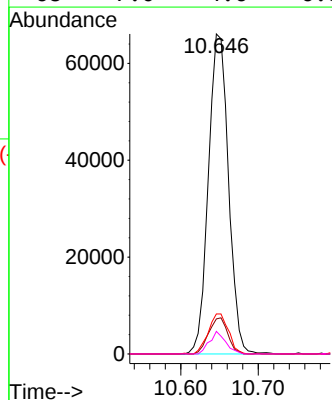
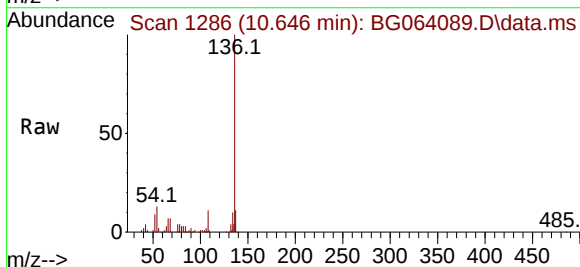
Instrument :
BNA_G
ClientSampleId :
PB167045BL

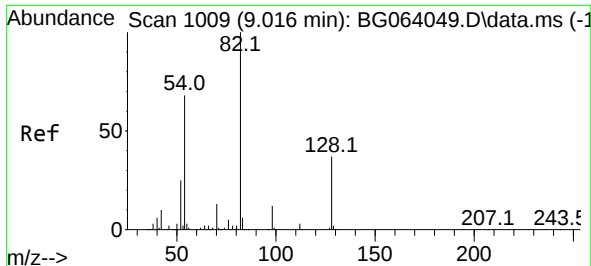
Tgt Ion: 99 Resp: 343654
Ion Ratio Lower Upper
99 100
42 30.6 22.7 34.1
71 42.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

Tgt Ion:136 Resp: 118925
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 12.5 9.9 14.9
68 7.0 4.6 6.8#

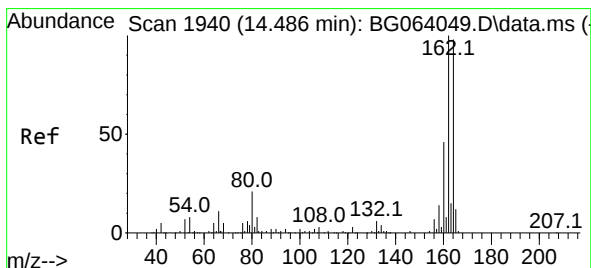
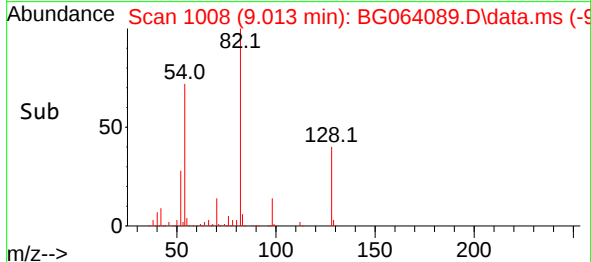
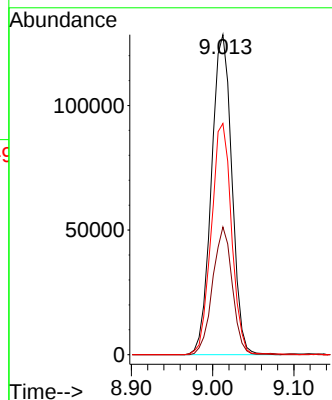
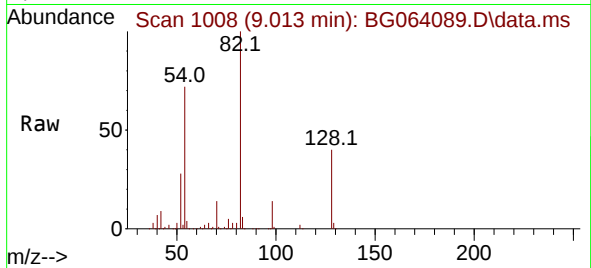




#23
Nitrobenzene-d5
Concen: 104.221 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.004 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

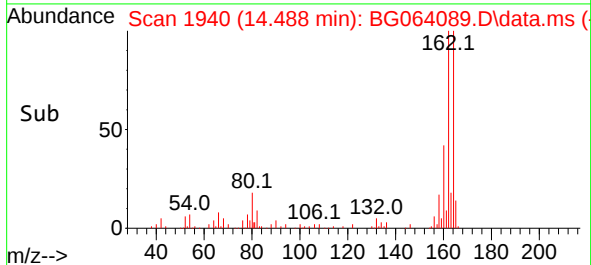
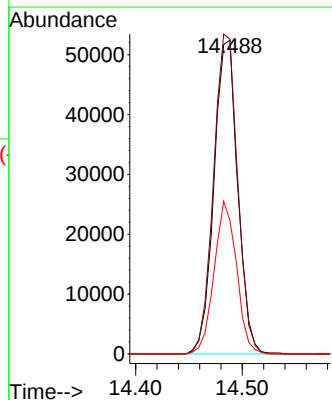
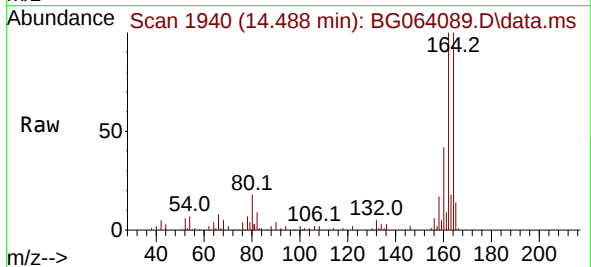
Instrument :
BNA_G
ClientSampleId :
PB167045BL

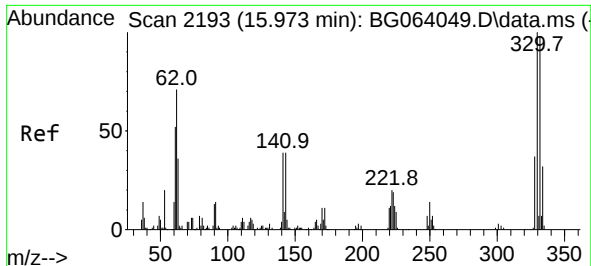
Tgt Ion: 82 Resp: 224287
Ion Ratio Lower Upper
82 100
128 39.9 30.0 45.0
54 72.2 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.488 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

Tgt Ion: 164 Resp: 80900
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 42.5 37.0 55.6

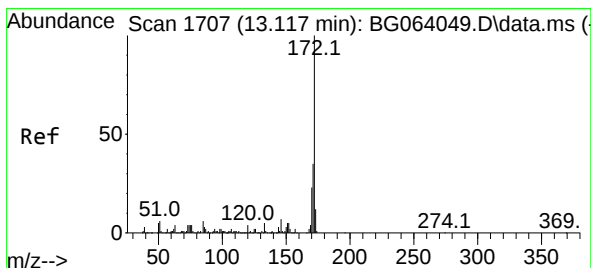
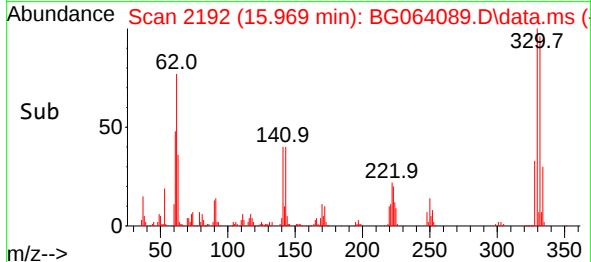
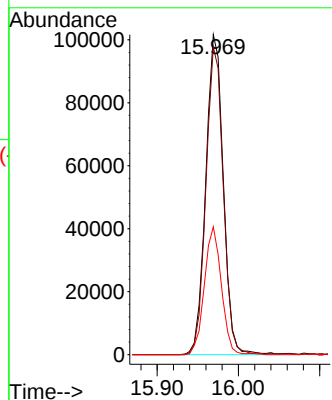
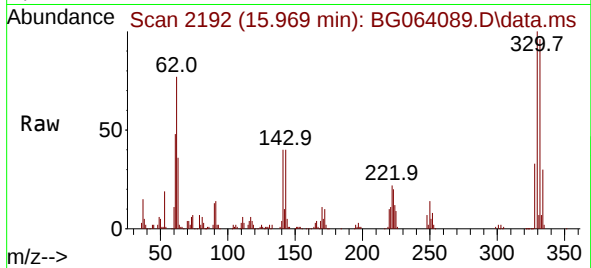




#42
2,4,6-Tribromophenol
Concen: 169.528 ng
RT: 15.969 min Scan# 2193
Delta R.T. -0.004 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

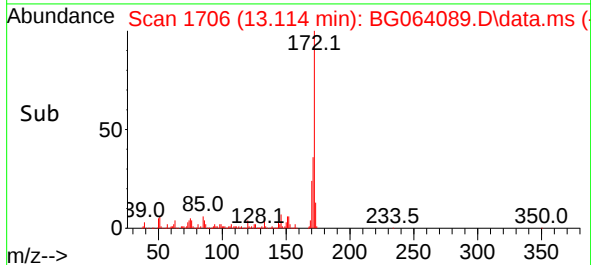
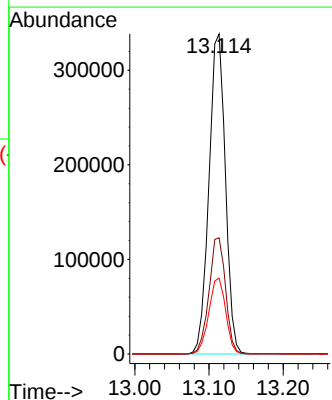
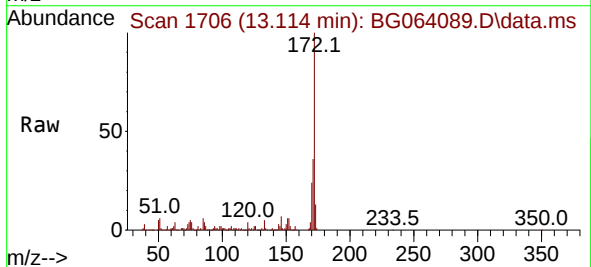
Instrument :
BNA_G
ClientSampleId :
PB167045BL

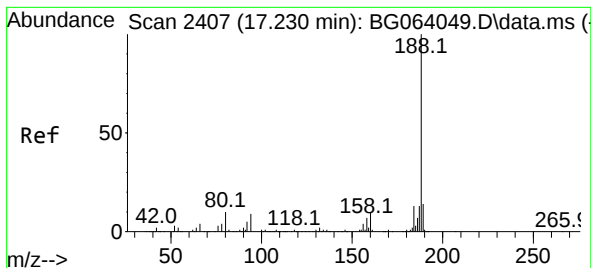
Tgt Ion:330 Resp: 152450
Ion Ratio Lower Upper
330 100
332 94.9 76.7 115.1
141 38.5 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 97.497 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064089.D
Acq: 11 Mar 2025 10:25

Tgt Ion:172 Resp: 519637
Ion Ratio Lower Upper
172 100
171 36.3 28.0 42.0
170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.226 min Scan# 2406

Delta R.T. -0.004 min

Lab File: BG064089.D

Acq: 11 Mar 2025 10:25

Instrument :

BNA_G

ClientSampleId :

PB167045BL

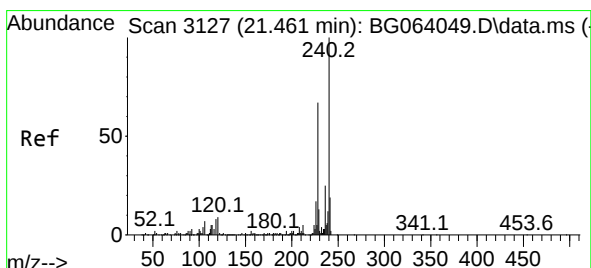
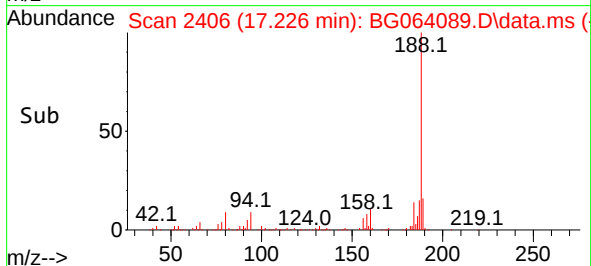
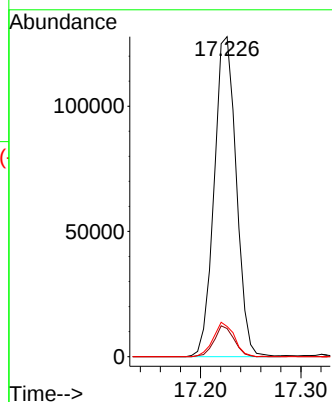
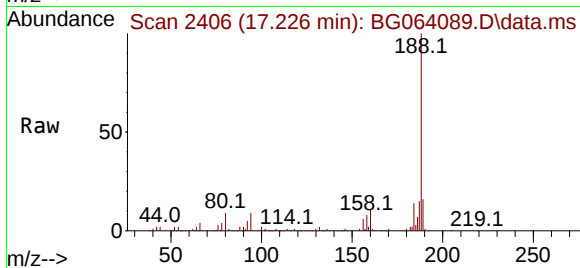
Tgt Ion:188 Resp: 195505

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 9.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3126

Delta R.T. -0.004 min

Lab File: BG064089.D

Acq: 11 Mar 2025 10:25

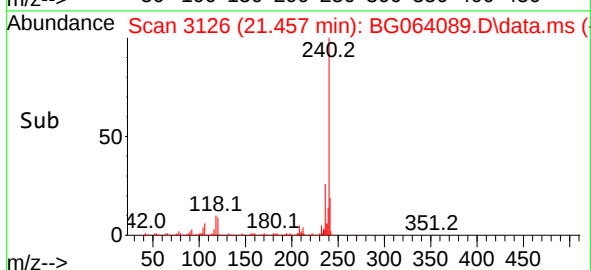
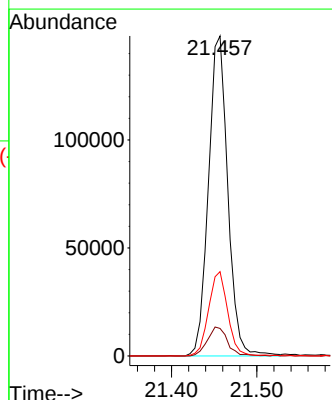
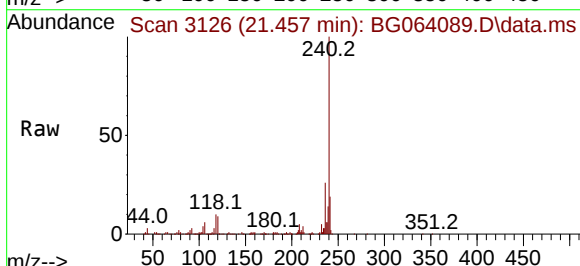
Tgt Ion:240 Resp: 233254

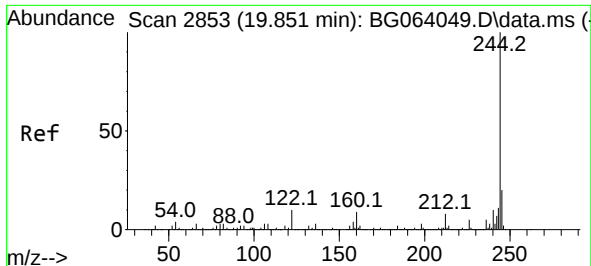
Ion Ratio Lower Upper

240 100

120 8.6 7.2 10.8

236 26.3 20.2 30.2

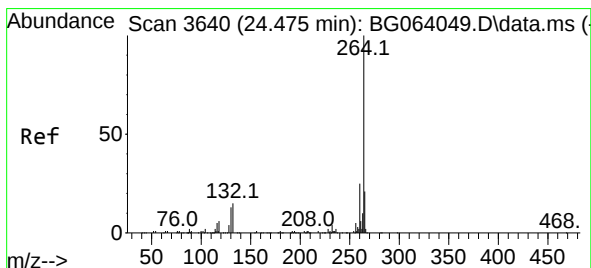
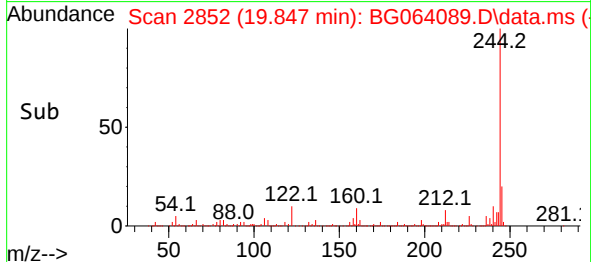
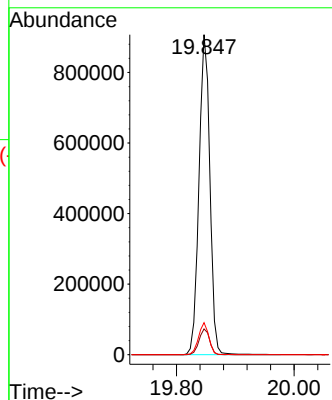
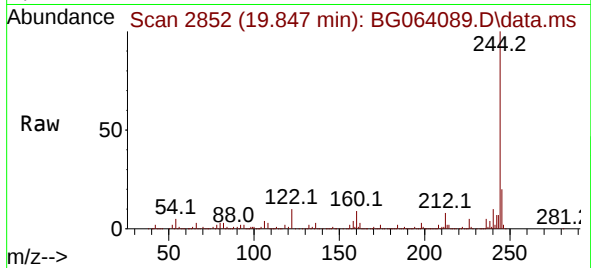




#79
 Terphenyl-d14
 Concen: 100.711 ng
 RT: 19.847 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064089.D
 Acq: 11 Mar 2025 10:25

Instrument :
 BNA_G
 ClientSampleId :
 PB167045BL

Tgt Ion:244 Resp: 1161783
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.471 min Scan# 3639
 Delta R.T. -0.004 min
 Lab File: BG064089.D
 Acq: 11 Mar 2025 10:25

Tgt Ion:264 Resp: 250697
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.6 29.4
 265 20.5 16.6 25.0

