

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064057.D
 Acq On : 7 Mar 2025 13:37
 Operator : RC/JU
 Sample : PB167031BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167031BL

Quant Time: Mar 07 14:20:27 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	29333	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	120699	20.000	ng	0.00
39) Acenaphthene-d10	14.488	164	87279	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	222662	20.000	ng	0.00
76) Chrysene-d12	21.462	240	230159	20.000	ng	0.00
86) Perylene-d12	24.476	264	246932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	262956	139.976	ng	0.00
7) Phenol-d6	7.026	99	342200	133.902	ng	0.00
23) Nitrobenzene-d5	9.012	82	215185	98.522	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	146075	150.567	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	541325	94.143	ng	0.00
79) Terphenyl-d14	19.852	244	1142139	100.339	ng	0.00

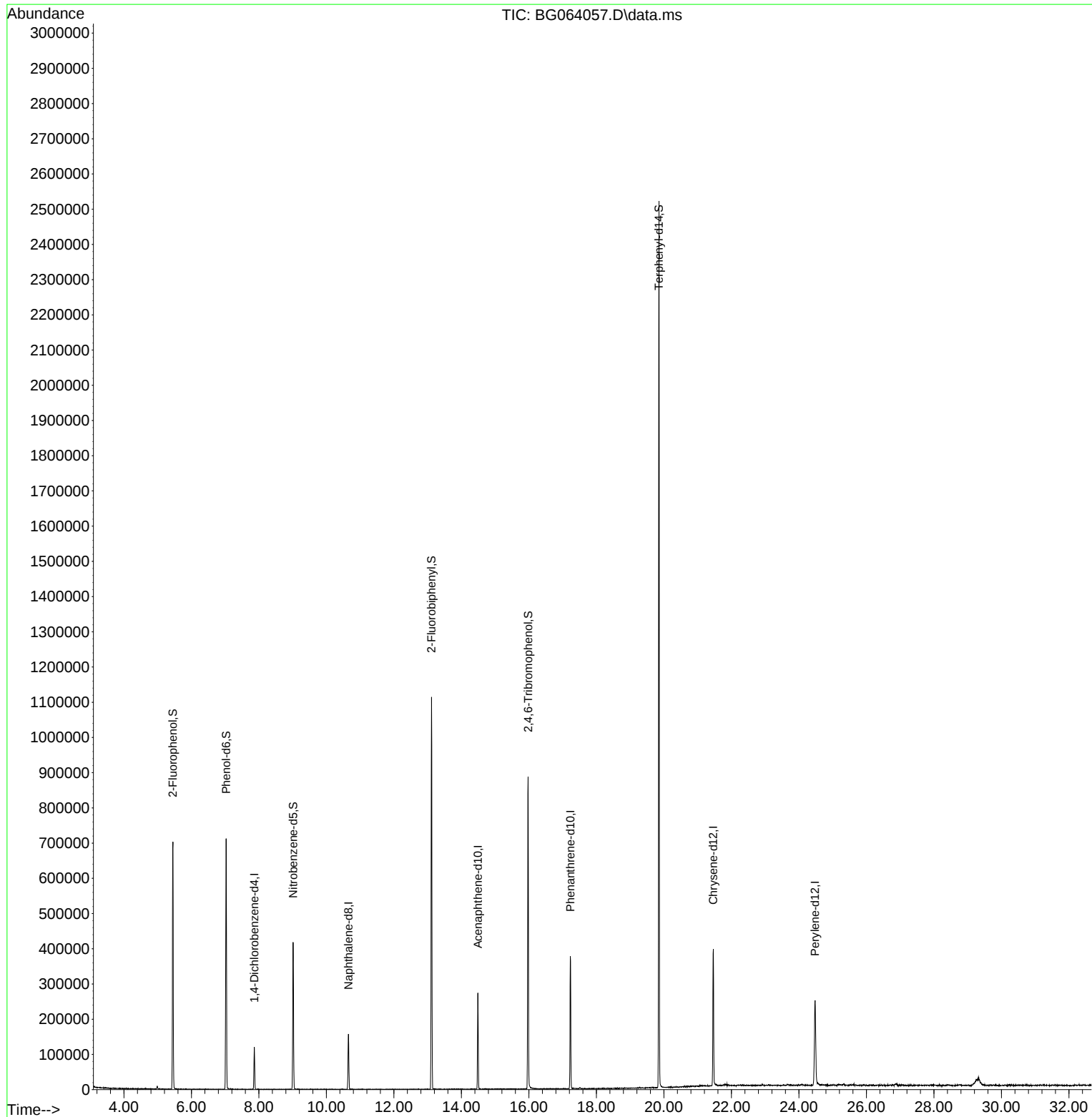
Target Compounds	Qvalue

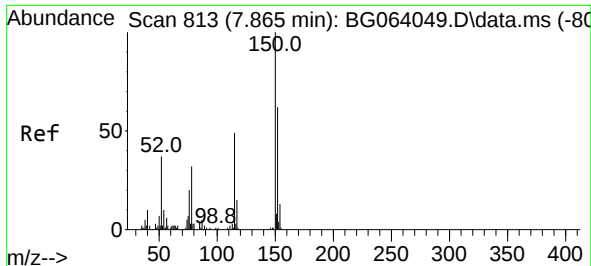
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064057.D
Acq On : 7 Mar 2025 13:37
Operator : RC/JU
Sample : PB167031BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB167031BL

Quant Time: Mar 07 14:20:27 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

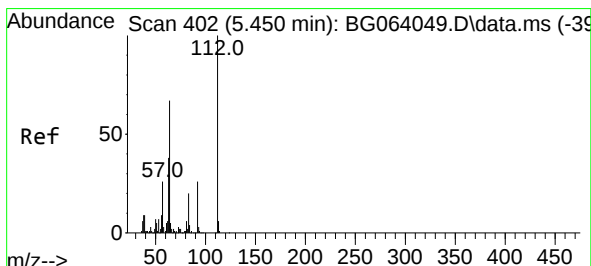
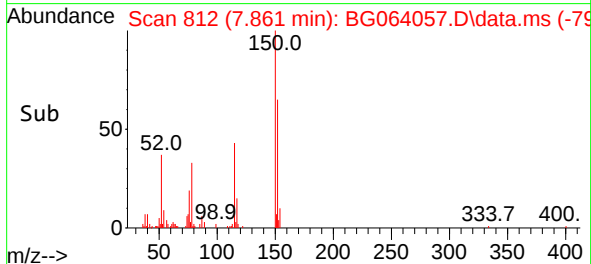
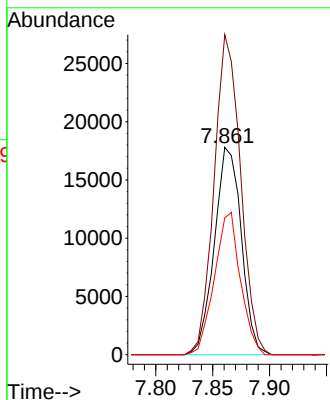
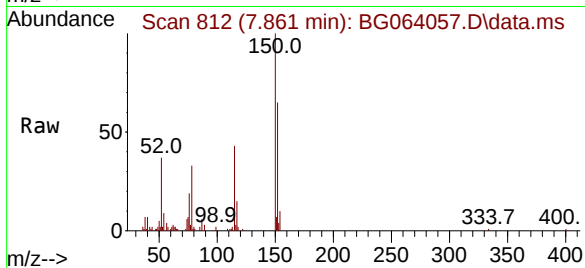




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 813
Delta R.T. -0.005 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37

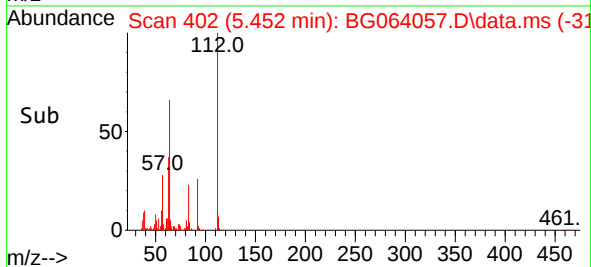
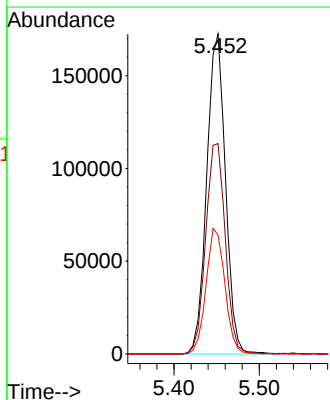
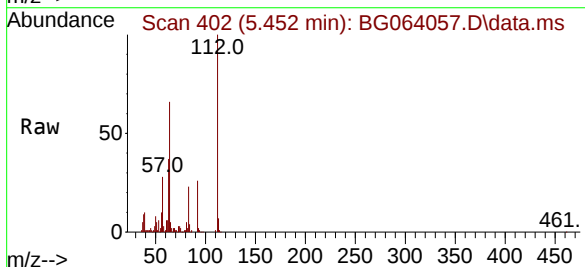
Instrument :
BNA_G
ClientSampleId :
PB167031BL

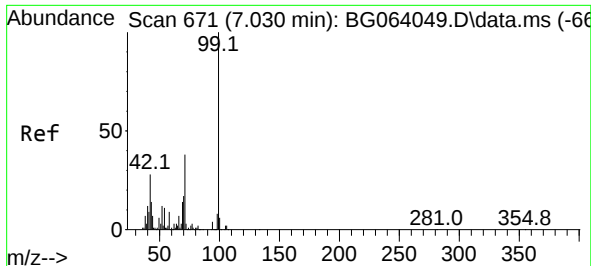
Tgt Ion:152 Resp: 29333
Ion Ratio Lower Upper
152 100
150 154.3 129.2 193.8
115 66.0 63.0 94.6



#5
2-Fluorophenol
Concen: 139.976 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37

Tgt Ion:112 Resp: 262956
Ion Ratio Lower Upper
112 100
64 65.8 53.7 80.5
63 37.2 30.2 45.4

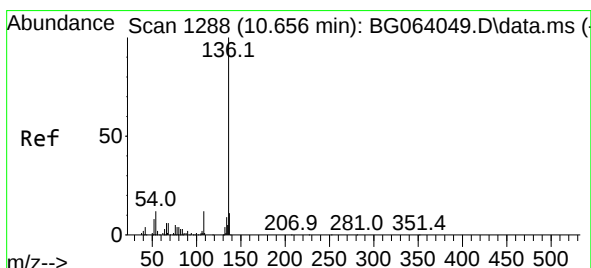
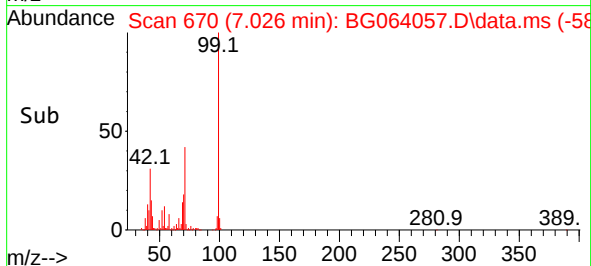
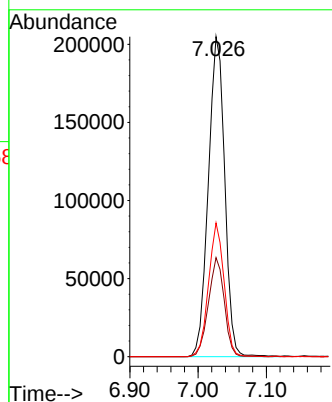
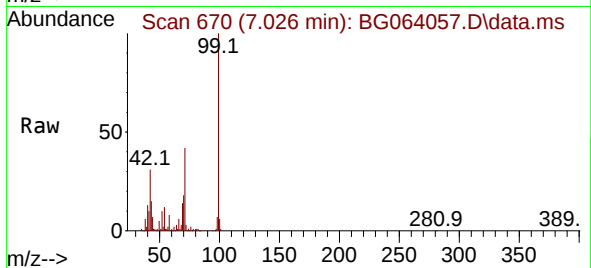




#7
Phenol-d6
Concen: 133.902 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37

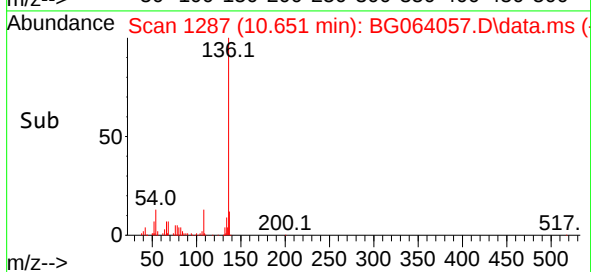
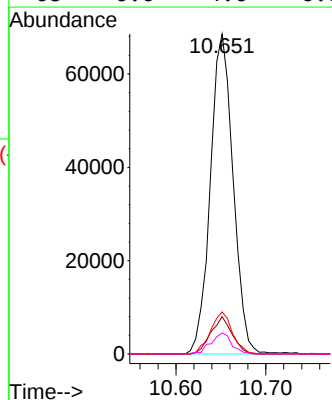
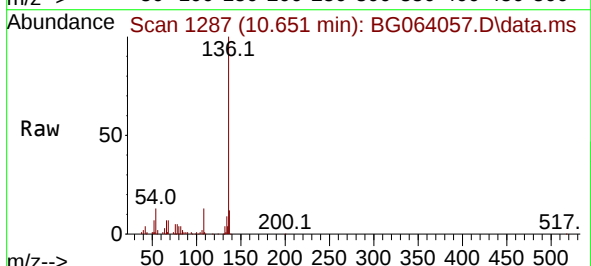
Instrument :
BNA_G
ClientSampleId :
PB167031BL

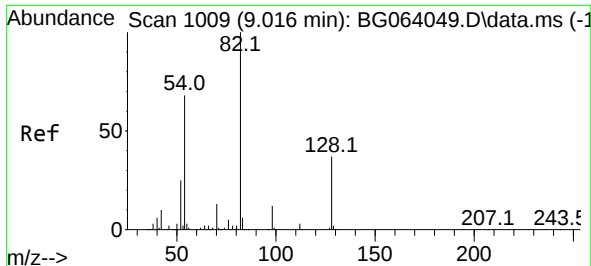
Tgt Ion: 99 Resp: 342200
Ion Ratio Lower Upper
99 100
42 30.9 22.7 34.1
71 41.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37

Tgt Ion:136 Resp: 120699
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 13.2 9.9 14.9
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 98.522 ng

RT: 9.012 min Scan# 1009

Delta R.T. -0.004 min

Lab File: BG064057.D

Acq: 7 Mar 2025 13:37

Instrument :

BNA_G

ClientSampleId :

PB167031BL

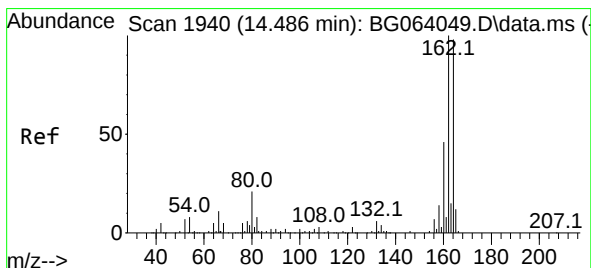
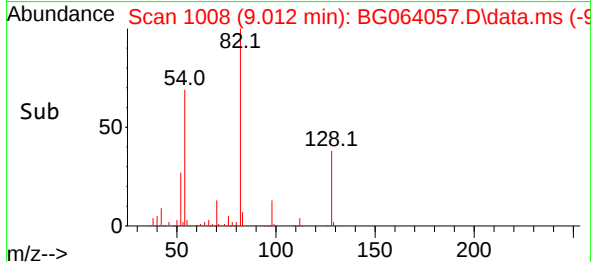
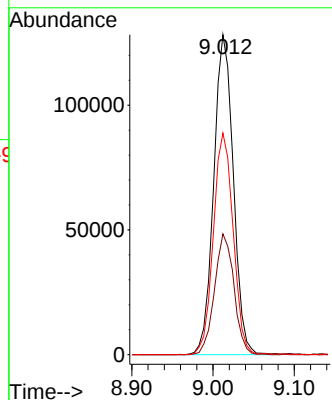
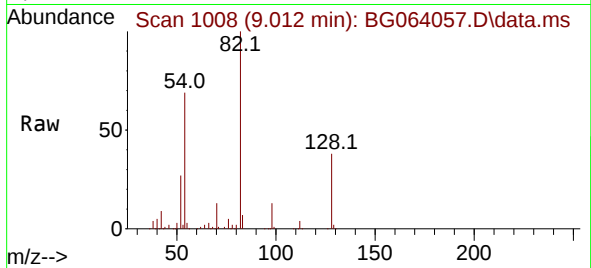
Tgt Ion: 82 Resp: 215185

Ion Ratio Lower Upper

82 100

128 37.8 30.0 45.0

54 69.2 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: BG064057.D

Acq: 7 Mar 2025 13:37

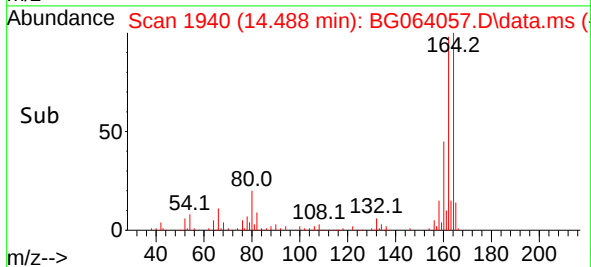
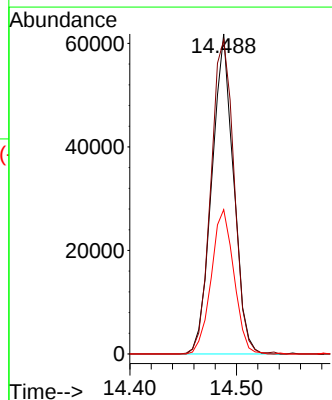
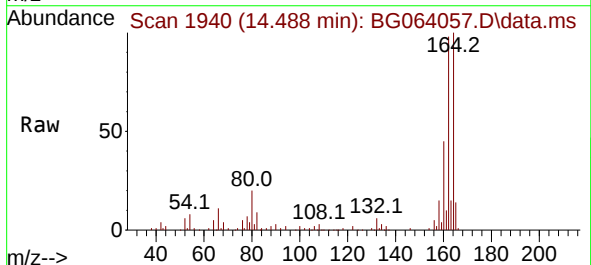
Tgt Ion:164 Resp: 87279

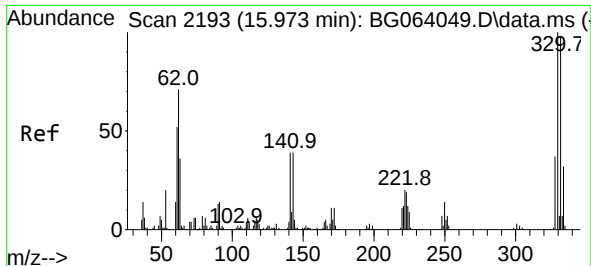
Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.0

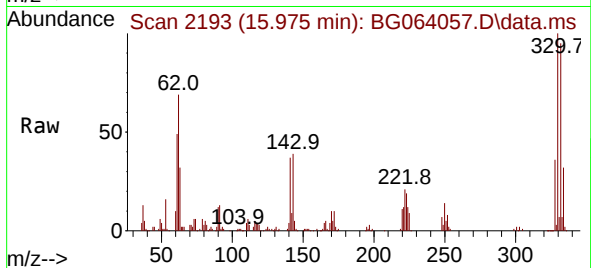
160 45.1 37.0 55.6



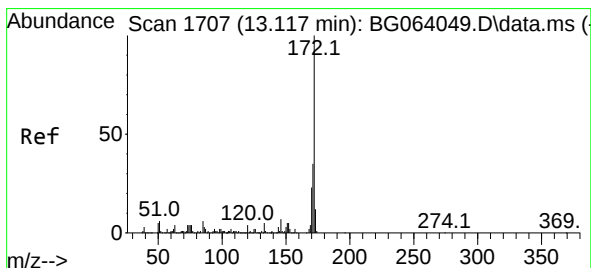
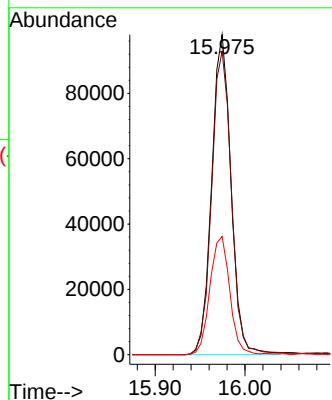
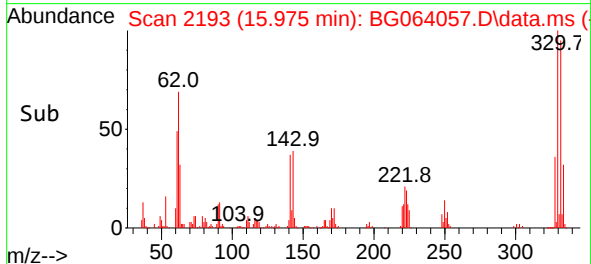


#42
2,4,6-Tribromophenol
Concen: 150.567 ng
RT: 15.975 min Scan# 2193
Delta R.T. 0.002 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37

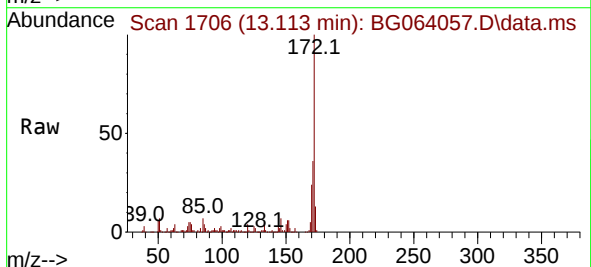
Instrument :
BNA_G
ClientSampleId :
PB167031BL



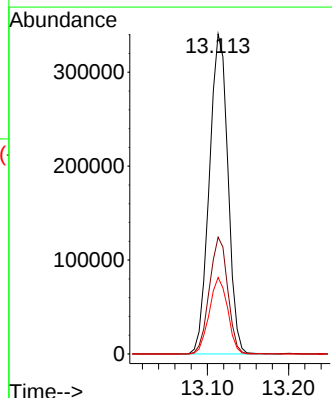
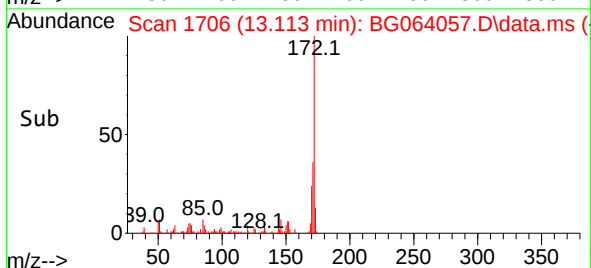
Tgt Ion:330 Resp: 146075
Ion Ratio Lower Upper
330 100
332 97.3 76.7 115.1
141 38.3 29.7 44.5

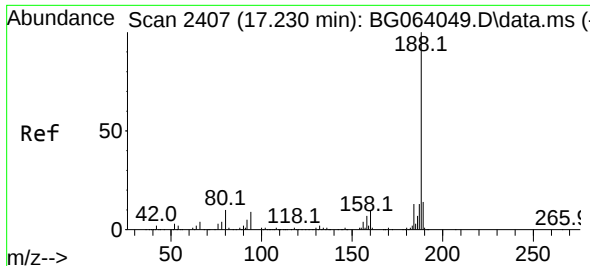


#45
2-Fluorobiphenyl
Concen: 94.143 ng
RT: 13.113 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37



Tgt Ion:172 Resp: 541325
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 23.9 18.7 28.1

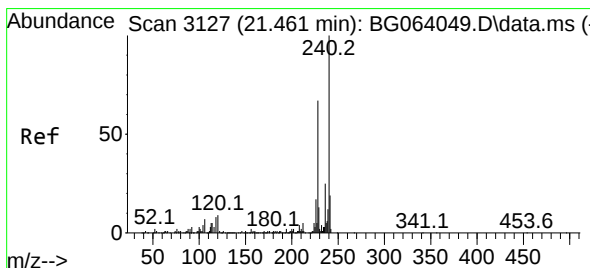
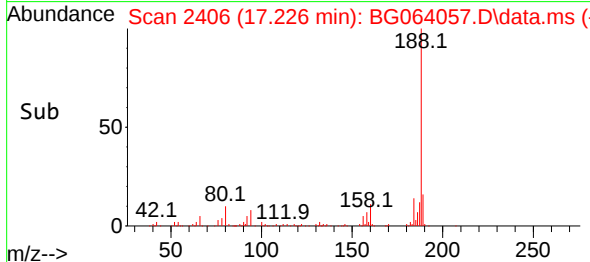
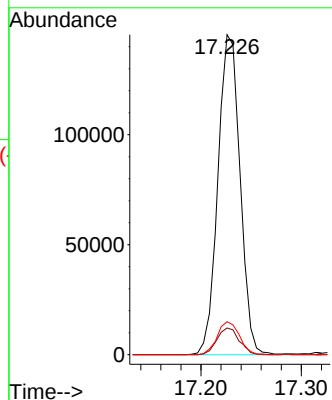
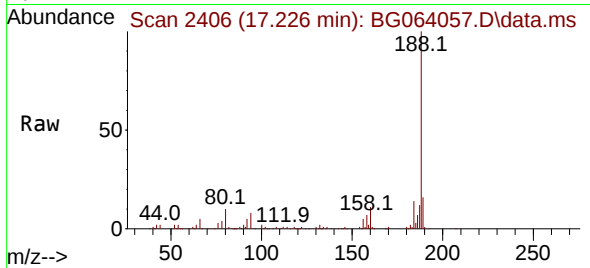




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37

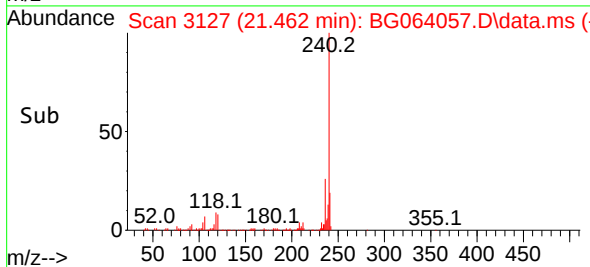
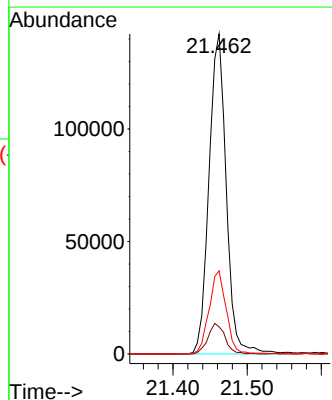
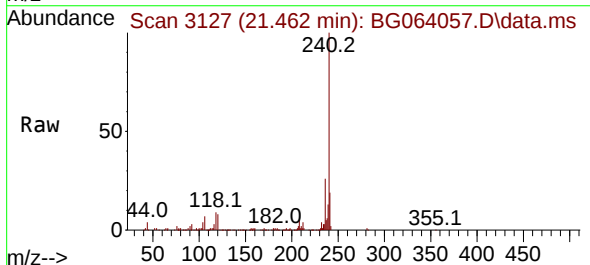
Instrument :
BNA_G
ClientSampleId :
PB167031BL

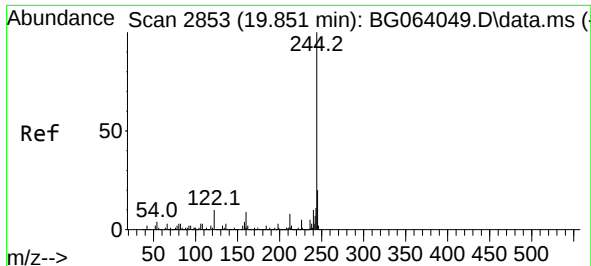
Tgt Ion:188 Resp: 222662
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 10.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. 0.002 min
Lab File: BG064057.D
Acq: 7 Mar 2025 13:37

Tgt Ion:240 Resp: 230159
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 26.0 20.2 30.2



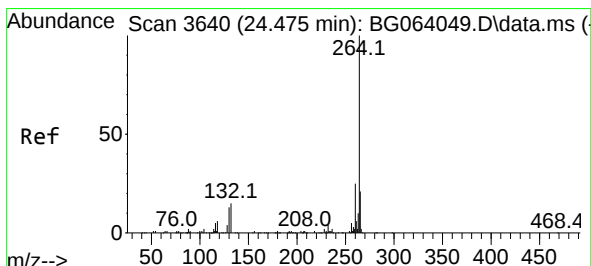
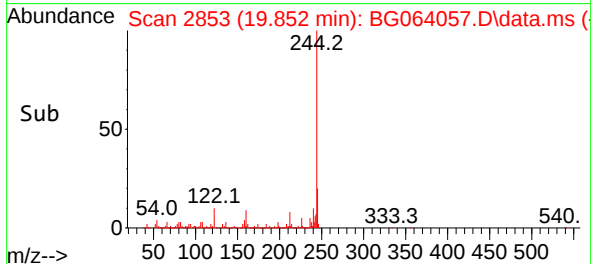
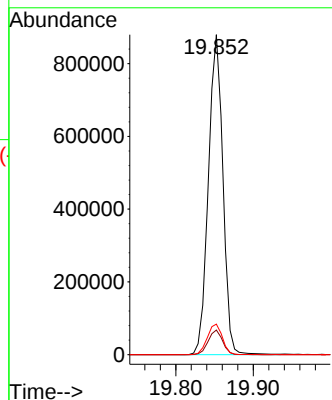
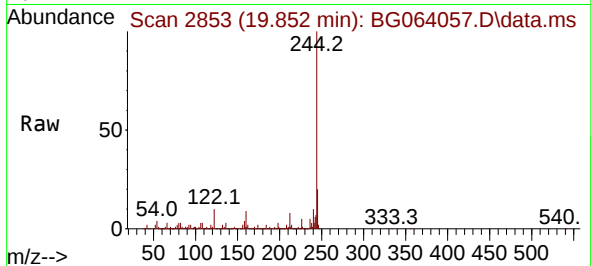


#79
 Terphenyl-d14
 Concen: 100.339 ng
 RT: 19.852 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG064057.D
 Acq: 7 Mar 2025 13:37

Instrument :
 BNA_G
 ClientSampleId :
 PB167031BL

Tgt Ion:244 Resp: 1142139

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.6	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.476 min Scan# 3640
 Delta R.T. 0.002 min
 Lab File: BG064057.D
 Acq: 7 Mar 2025 13:37

Tgt Ion:264 Resp: 246932

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	23.3	16.6	25.0

