

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064267.D
 Acq On : 4 Sep 2025 00:40
 Operator : RC/JU
 Sample : PB169499BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169499BL

Quant Time: Sep 04 02:08:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	32079	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	141828	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	108903	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	243258	20.000	ng	0.00
76) Chrysene-d12	21.446	240	219293	20.000	ng	0.00
86) Perylene-d12	24.454	264	232599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	278254	155.620	ng	0.00
7) Phenol-d6	7.027	99	383548	156.139	ng	0.00
23) Nitrobenzene-d5	9.007	82	257364	101.202	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	214429	148.654	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	674564	94.545	ng	0.00
79) Terphenyl-d14	19.836	244	1048171	99.723	ng	0.00

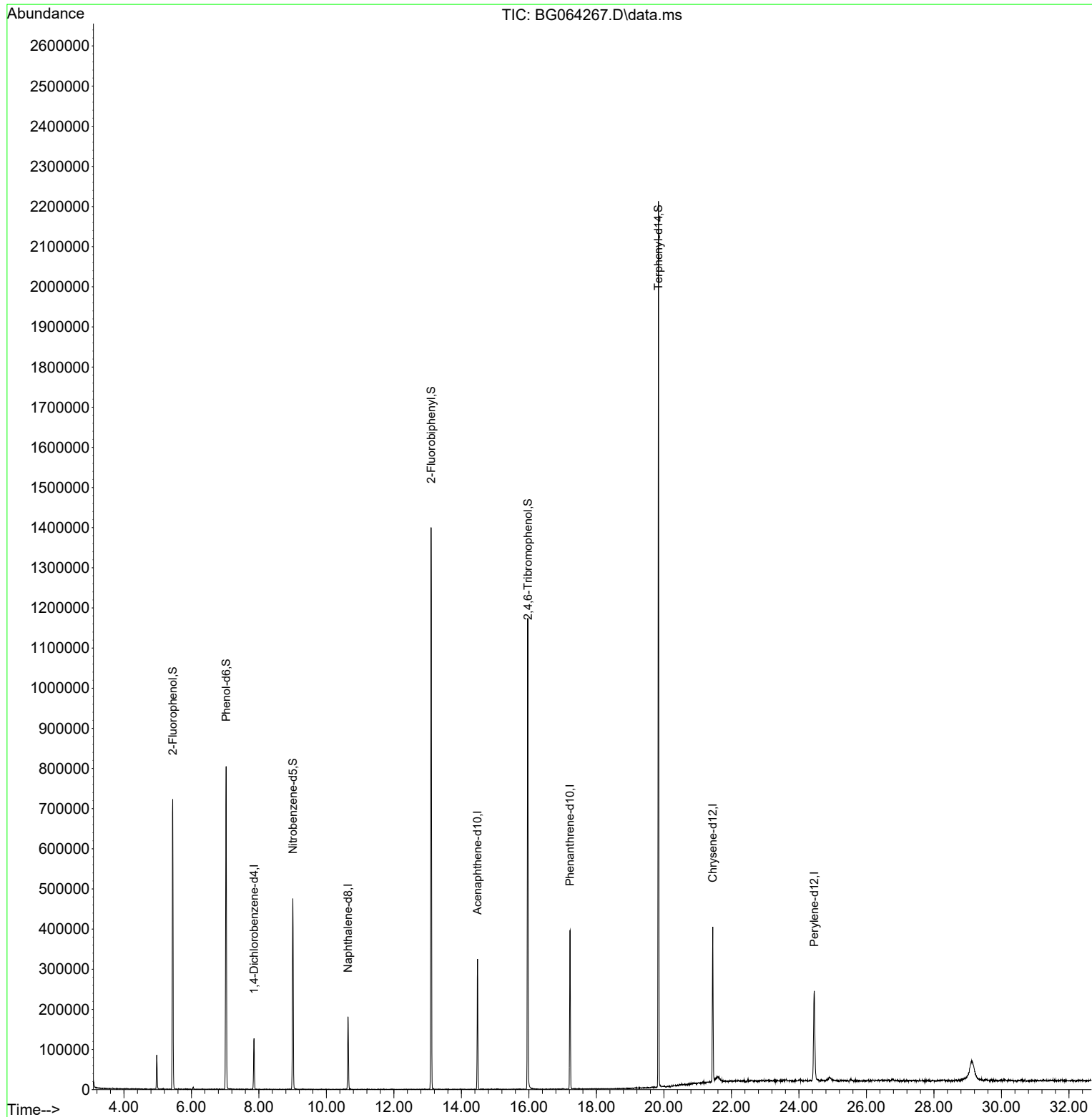
Target Compounds	Qvalue

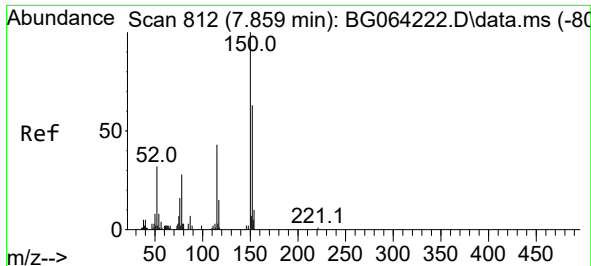
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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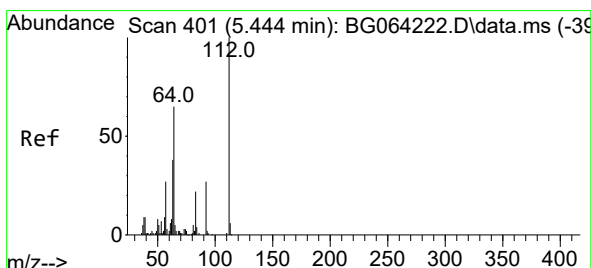
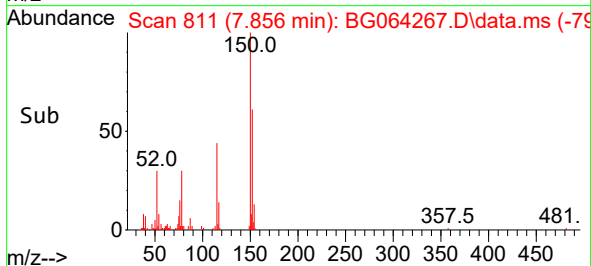
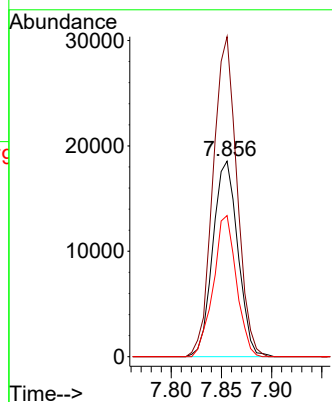
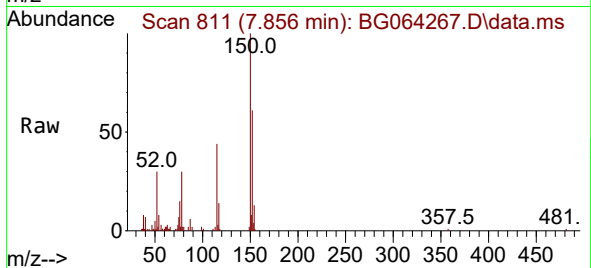




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

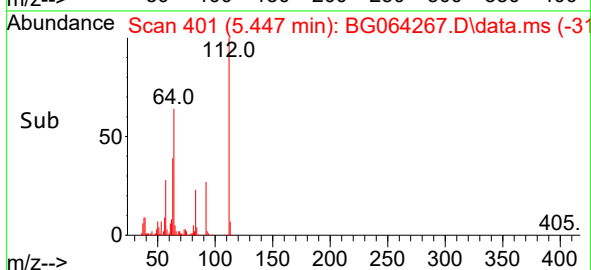
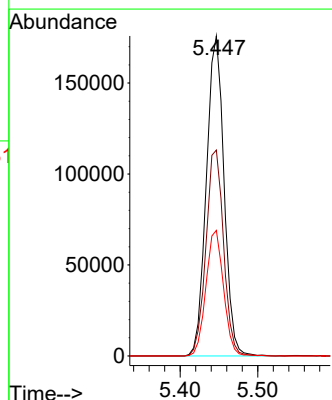
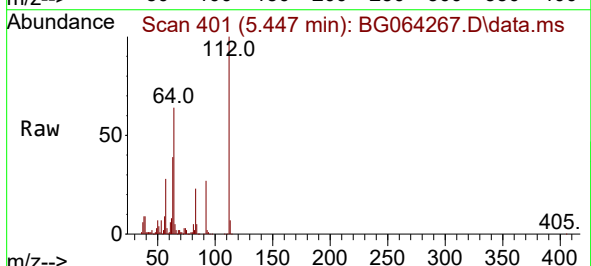
Instrument :
BNA_G
ClientSampleId :
PB169499BL

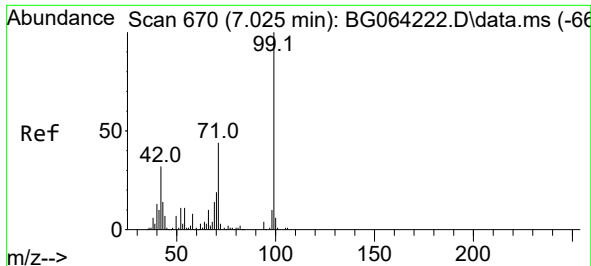
Tgt Ion:152 Resp: 32079
Ion Ratio Lower Upper
152 100
150 163.6 128.0 192.0
115 72.2 55.7 83.5



#5
2-Fluorophenol
Concen: 155.620 ng
RT: 5.447 min Scan# 401
Delta R.T. 0.002 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:112 Resp: 278254
Ion Ratio Lower Upper
112 100
64 64.4 51.8 77.6
63 39.3 30.6 45.8

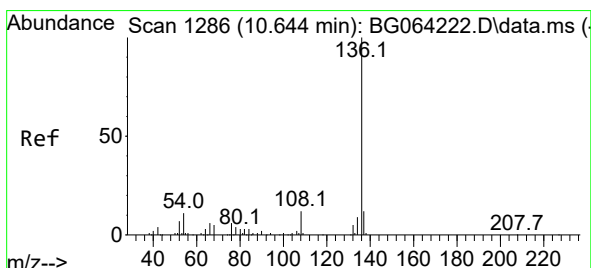
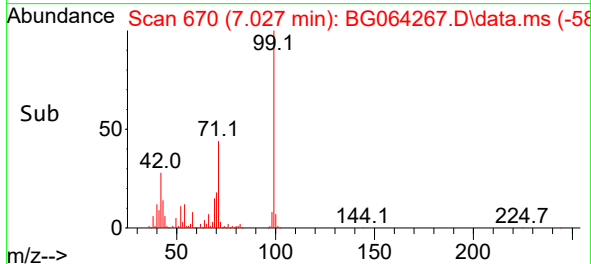
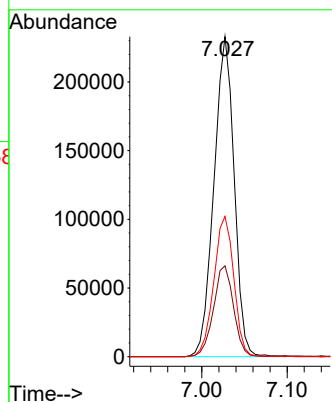
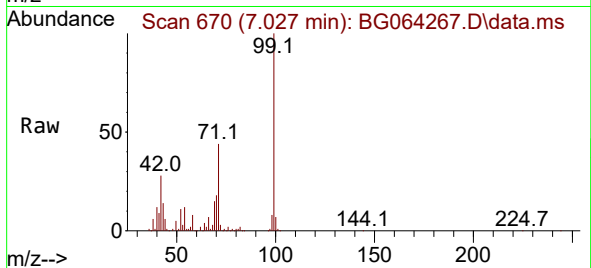




#7
Phenol-d6
Concen: 156.139 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

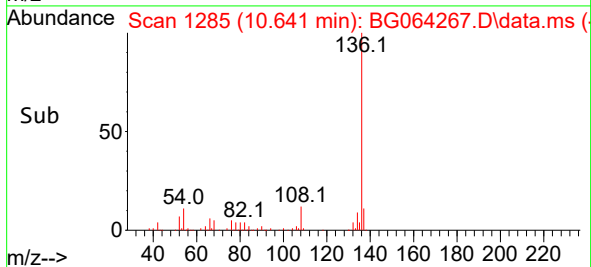
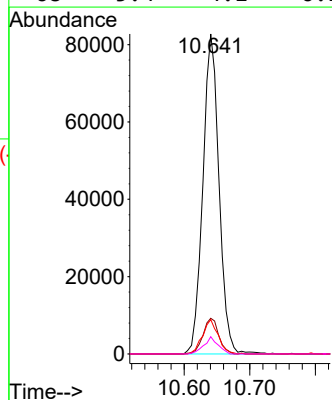
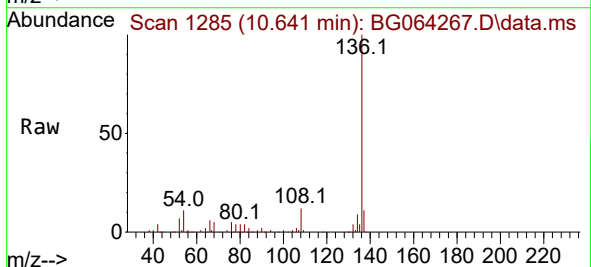
Instrument :
BNA_G
ClientSampleId :
PB169499BL

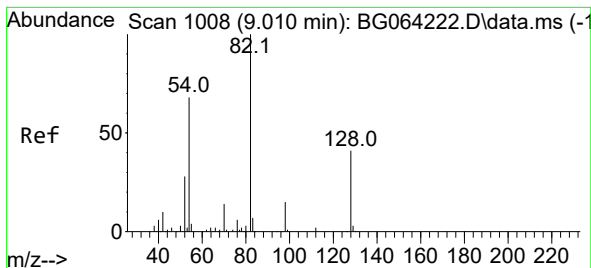
Tgt Ion: 99 Resp: 383548
Ion Ratio Lower Upper
99 100
42 28.4 25.8 38.8
71 43.8 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 1285
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:136 Resp: 141828
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.8 8.8 13.2
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 101.202 ng

RT: 9.007 min Scan# 1007

Delta R.T. -0.009 min

Lab File: BG064267.D

Acq: 4 Sep 2025 00:40

Instrument :

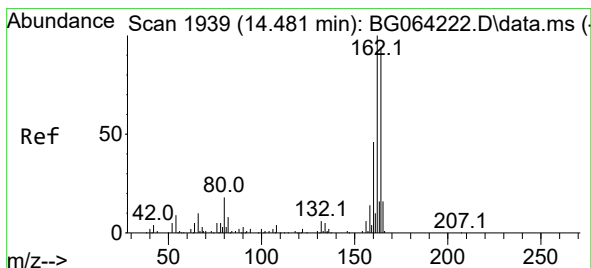
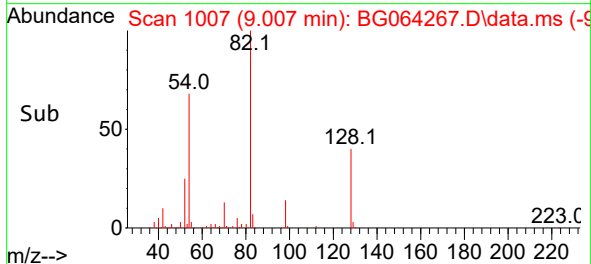
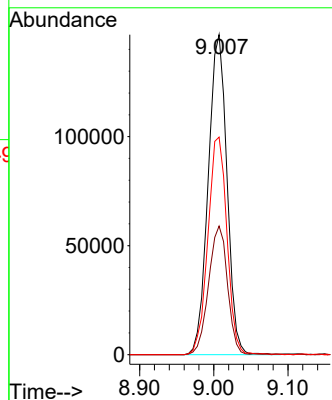
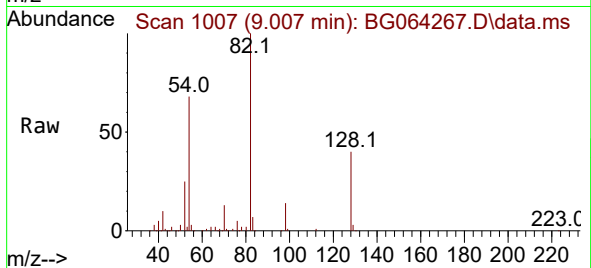
BNA_G

ClientSampleId :

PB169499BL

Tgt Ion: 82 Resp: 257364

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.6	48.8
54	68.0	54.7	82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.477 min Scan# 1938

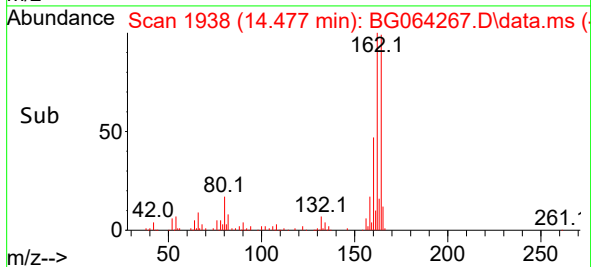
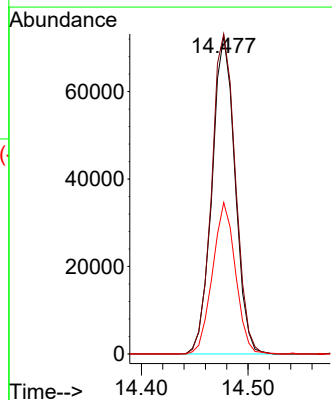
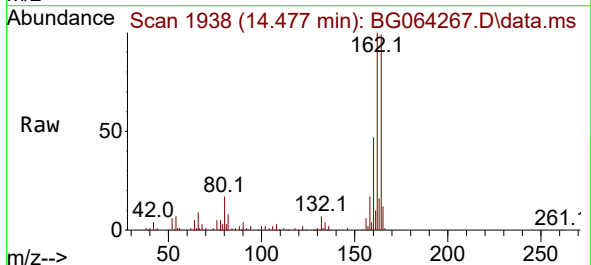
Delta R.T. -0.004 min

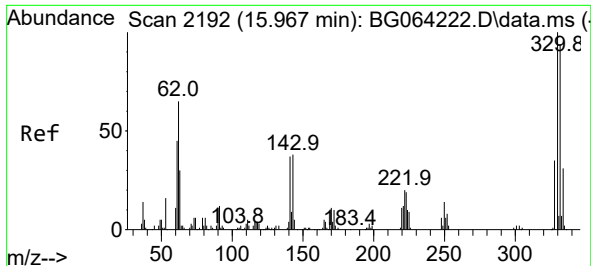
Lab File: BG064267.D

Acq: 4 Sep 2025 00:40

Tgt Ion:164 Resp: 108903

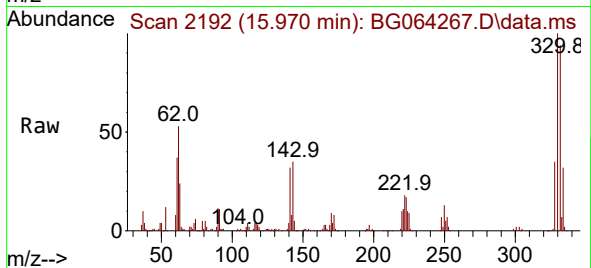
Ion	Ratio	Lower	Upper
164	100		
162	100.7	85.4	128.0
160	47.6	39.2	58.8



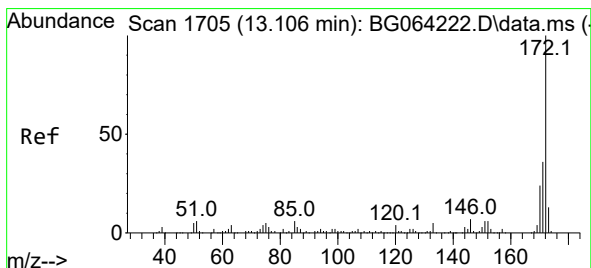
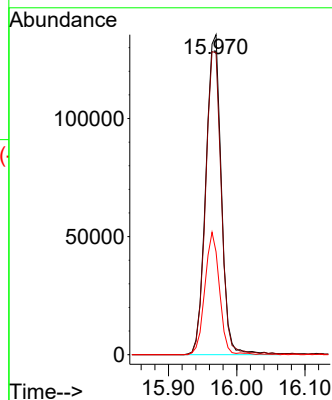
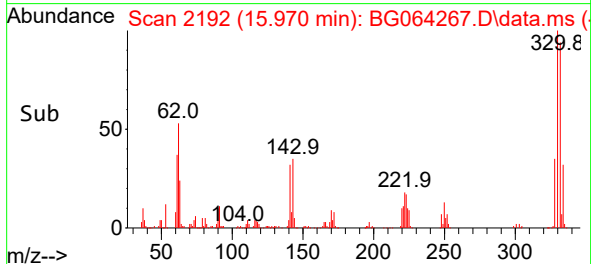


#42
2,4,6-Tribromophenol
Concen: 148.654 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

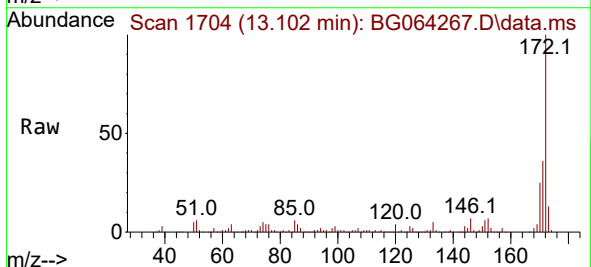
Instrument :
BNA_G
ClientSampleId :
PB169499BL



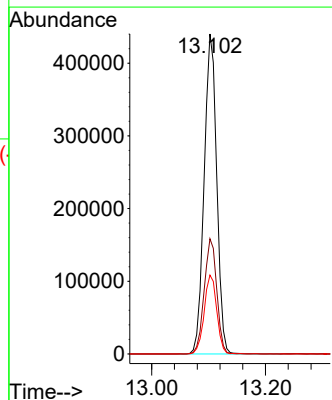
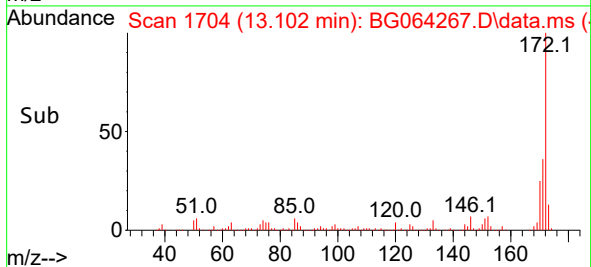
Tgt Ion:330 Resp: 214429
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 36.0 29.8 44.6

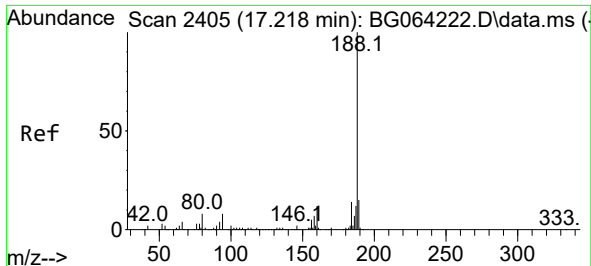


#45
2-Fluorobiphenyl
Concen: 94.545 ng
RT: 13.102 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40



Tgt Ion:172 Resp: 674564
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.7 19.0 28.6

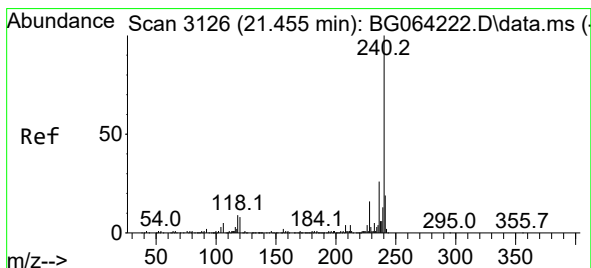
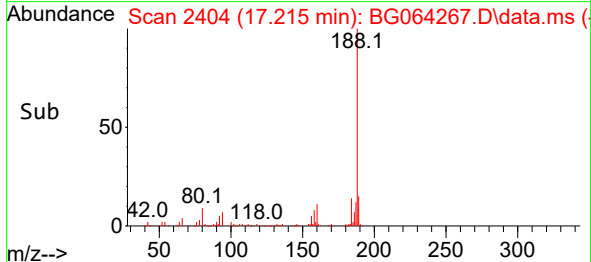
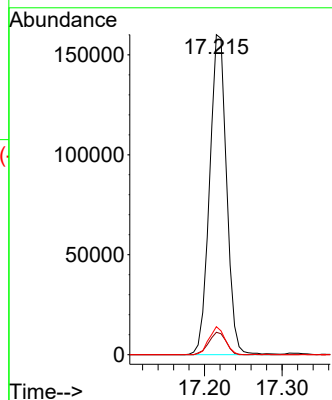
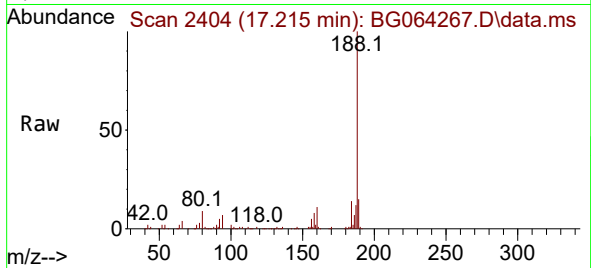




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

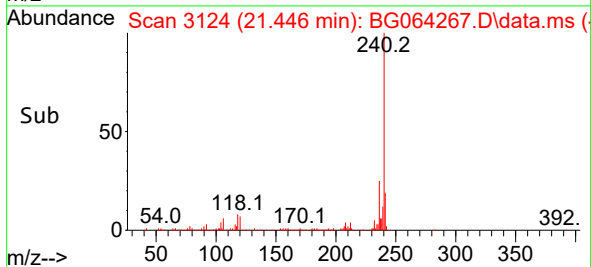
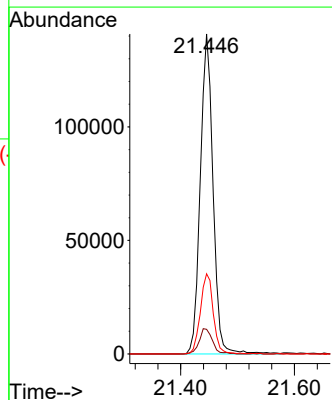
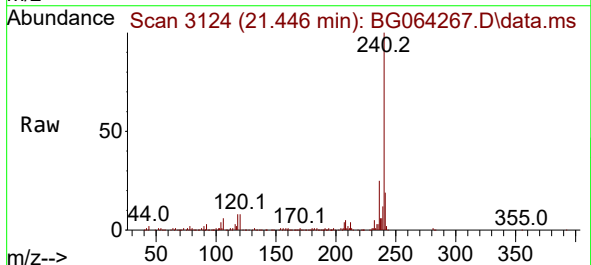
Instrument :
BNA_G
ClientSampleId :
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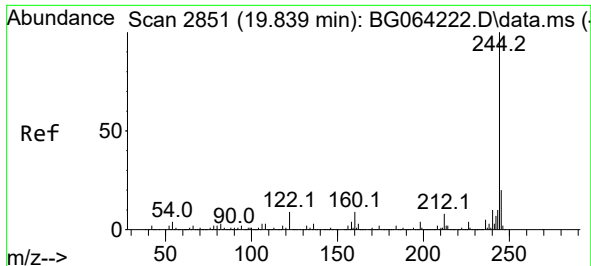
Tgt Ion:188 Resp: 243258
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.4
80 8.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.009 min
Lab File: BG064267.D
Acq: 4 Sep 2025 00:40

Tgt Ion:240 Resp: 219293
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.4
236 25.1 20.5 30.7

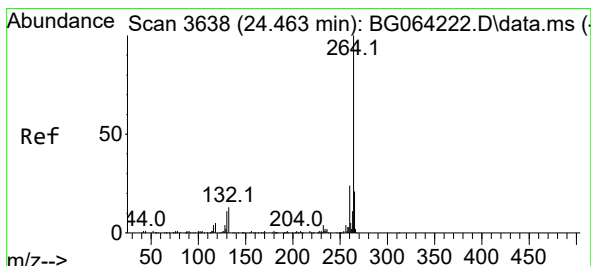
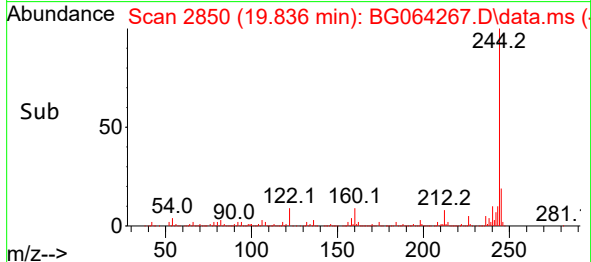
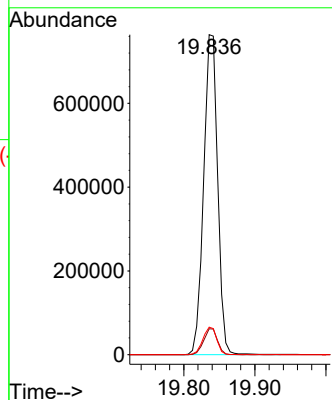
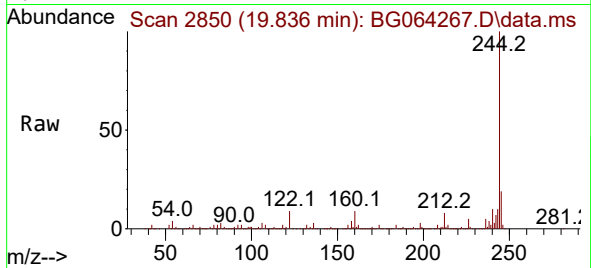




#79
 Terphenyl-d14
 Concen: 99.723 ng
 RT: 19.836 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064267.D
 Acq: 4 Sep 2025 00:40

Instrument :
 BNA_G
 ClientSampleId :
 PB169499BL

Tgt Ion:244 Resp: 1048171
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 10.0
 122 8.6 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.454 min Scan# 3636
 Delta R.T. -0.009 min
 Lab File: BG064267.D
 Acq: 4 Sep 2025 00:40

Tgt Ion:264 Resp: 232599
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.0 16.7 25.1

