

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092625\
 Data File : BG064457.D
 Acq On : 26 Sep 2025 17:04
 Operator : RC/JU
 Sample : PB169873BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169873BL

Quant Time: Sep 26 18:07:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 26 06:30:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	15014	20.000	ng	0.00
21) Naphthalene-d8	10.627	136	61808	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	50020	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	133410	20.000	ng	# 0.00
76) Chrysene-d12	21.432	240	146948	20.000	ng	-0.01
86) Perylene-d12	24.428	264	166371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.427	112	114037	145.144	ng	0.00
7) Phenol-d6	7.013	99	146962	136.534	ng	0.00
23) Nitrobenzene-d5	8.993	82	101843	89.299	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	122611	140.411	ng	0.00
45) 2-Fluorobiphenyl	13.088	172	300545	88.724	ng	0.00
79) Terphenyl-d14	19.828	244	714875	95.900	ng	0.00

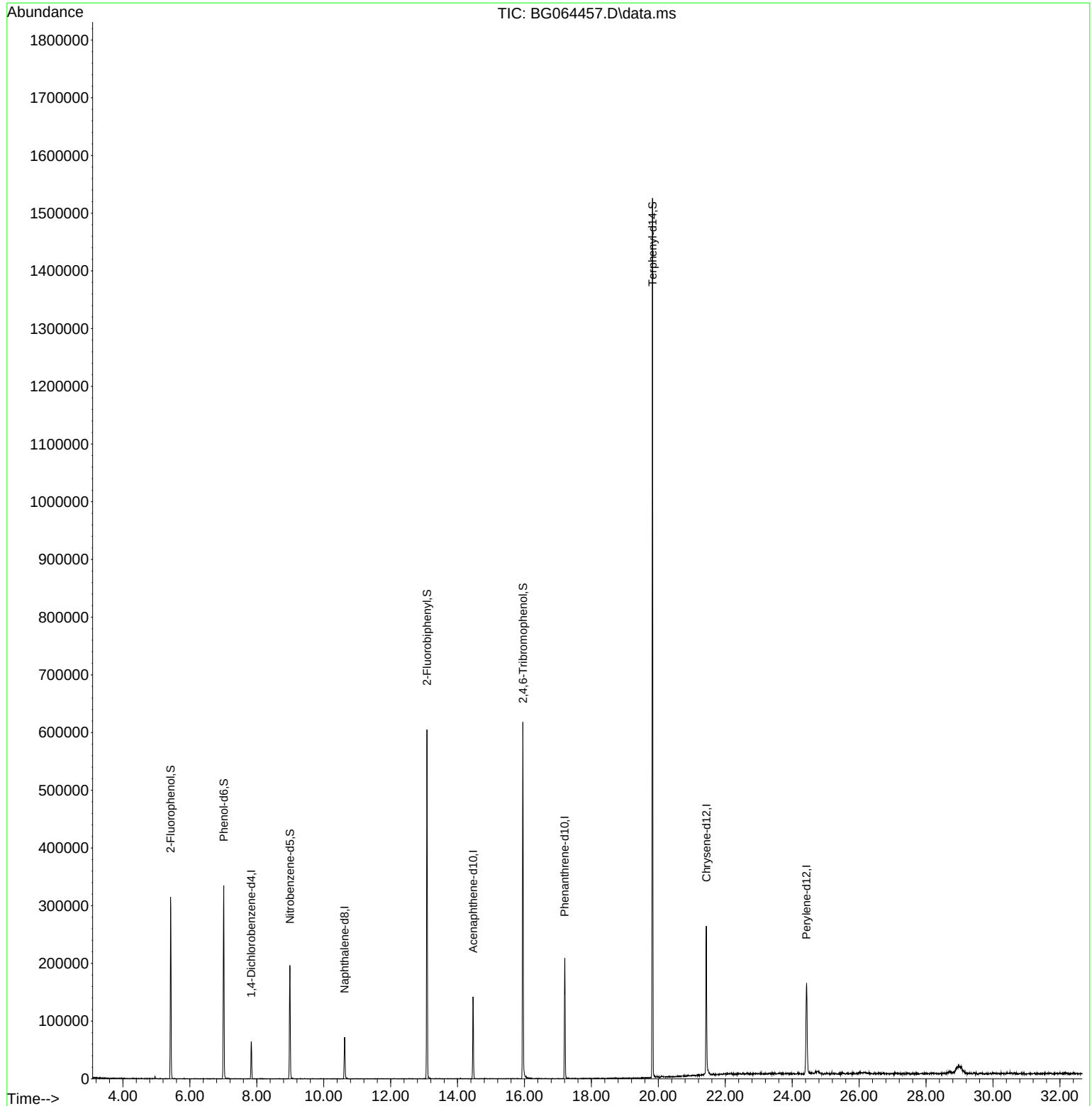
Target Compounds	Qvalue
-----	-----

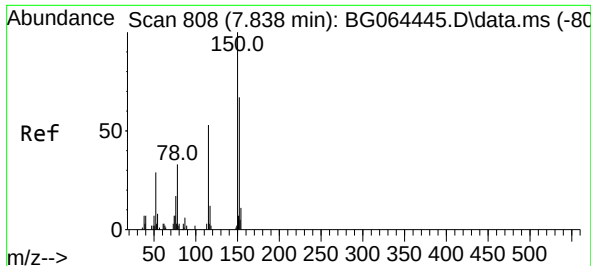
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092625\
Data File : BG064457.D
Acq On : 26 Sep 2025 17:04
Operator : RC/JU
Sample : PB169873BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169873BL

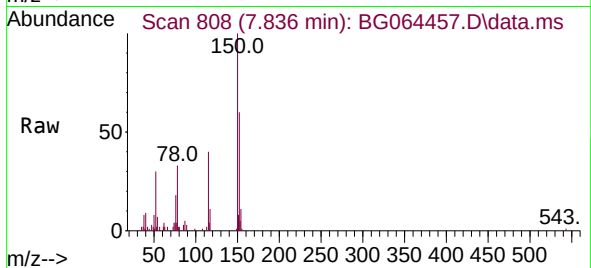
Quant Time: Sep 26 18:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 26 06:30:03 2025
Response via : Initial Calibration



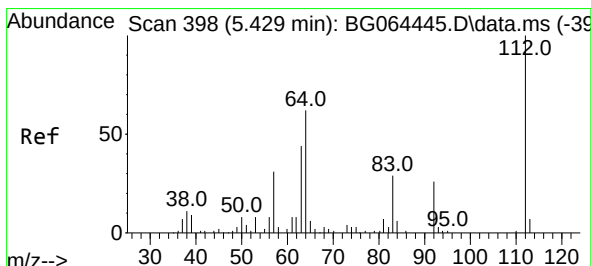
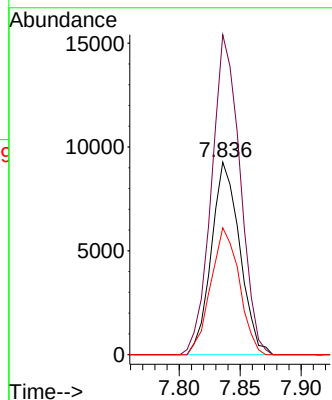
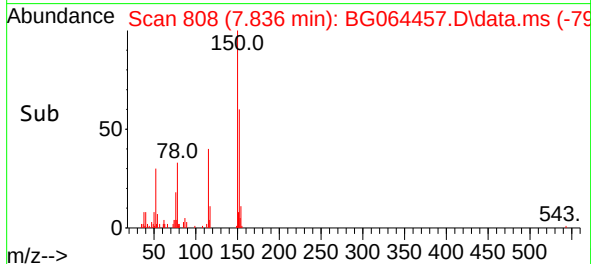


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.836 min Scan# 808
Delta R.T. -0.005 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04

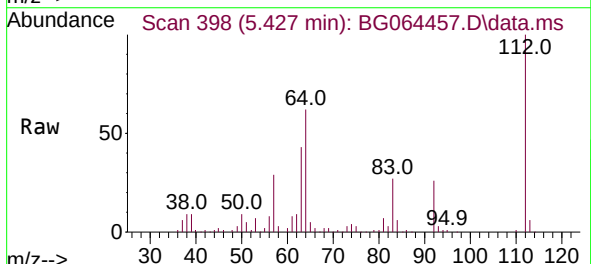
Instrument :
BNA_G
ClientSampleId :
PB169873BL



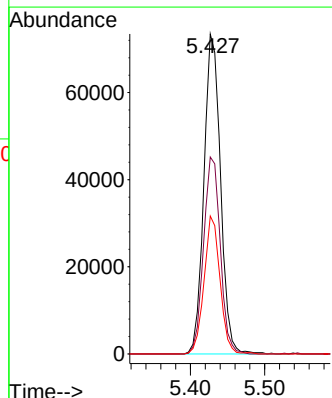
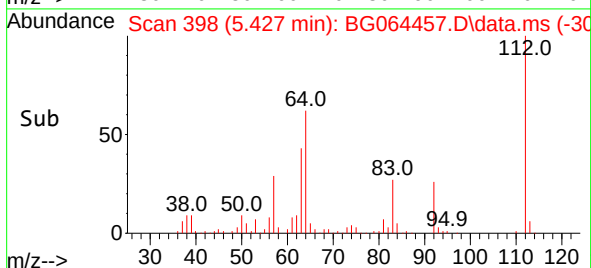
Tgt Ion:152 Resp: 15014
Ion Ratio Lower Upper
152 100
150 166.3 119.2 178.8
115 65.9 63.4 95.0

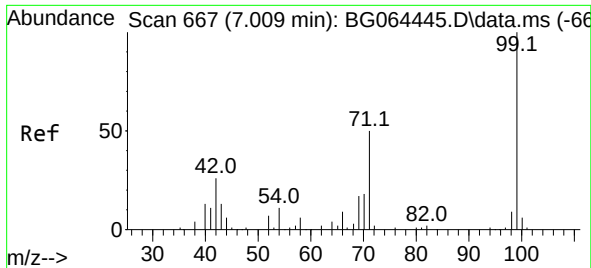


#5
2-Fluorophenol
Concen: 145.144 ng
RT: 5.427 min Scan# 398
Delta R.T. -0.005 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04



Tgt Ion:112 Resp: 114037
Ion Ratio Lower Upper
112 100
64 61.5 49.7 74.5
63 43.1 35.5 53.3

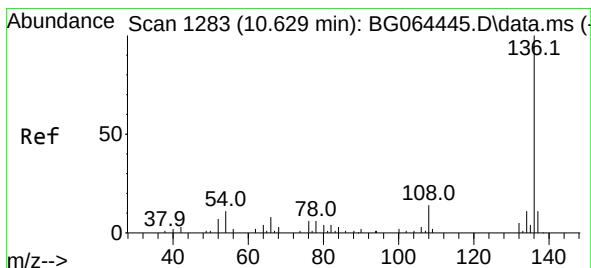
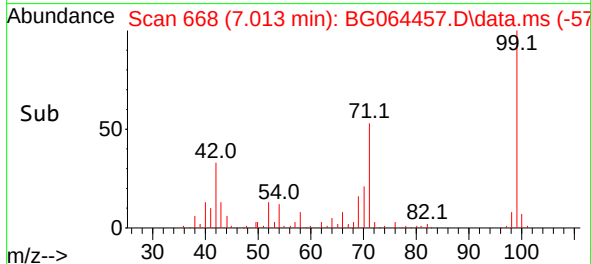
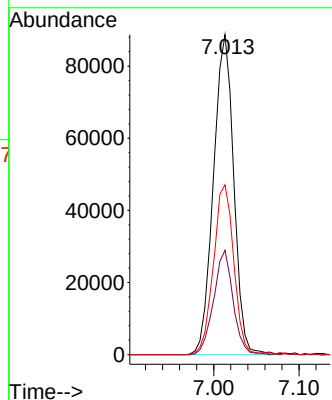
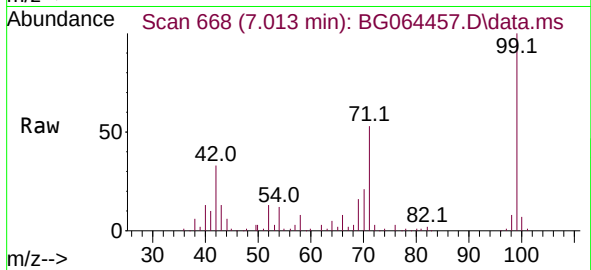




#7
Phenol-d6
Concen: 136.534 ng
RT: 7.013 min Scan# 667
Delta R.T. -0.005 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04

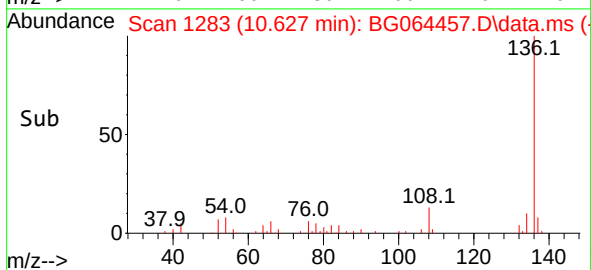
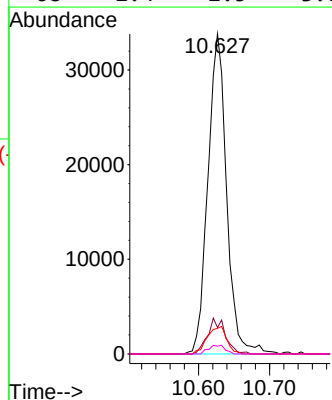
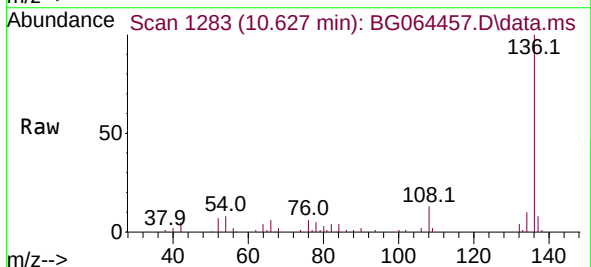
Instrument :
BNA_G
ClientSampleId :
PB169873BL

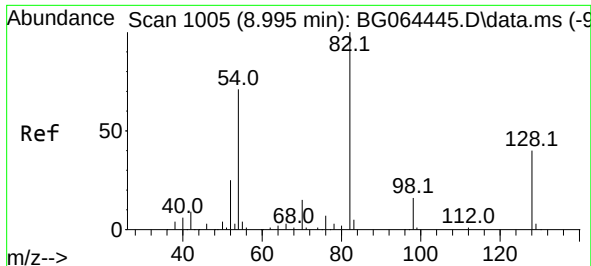
Tgt Ion: 99 Resp: 146962
Ion Ratio Lower Upper
99 100
42 32.6 21.0 31.4#
71 53.1 39.6 59.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.627 min Scan# 1283
Delta R.T. -0.005 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04

Tgt Ion: 136 Resp: 61808
Ion Ratio Lower Upper
136 100
137 8.3 9.2 13.8#
54 8.0 9.0 13.6#
68 2.4 2.5 3.7#





#23
 Nitrobenzene-d5
 Concen: 89.299 ng
 RT: 8.993 min Scan# 1005
 Delta R.T. -0.005 min
 Lab File: BG064457.D
 Acq: 26 Sep 2025 17:04

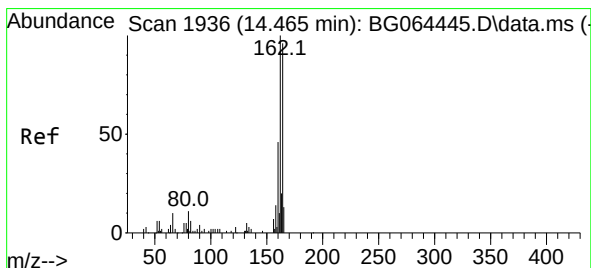
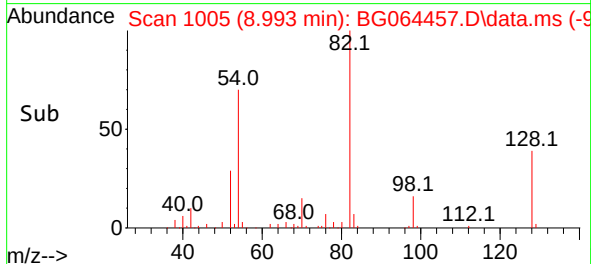
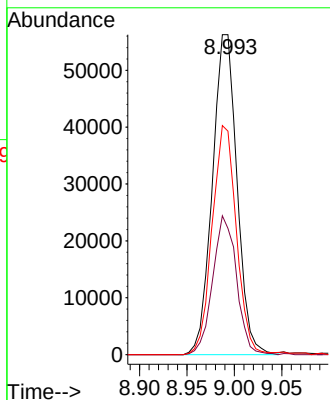
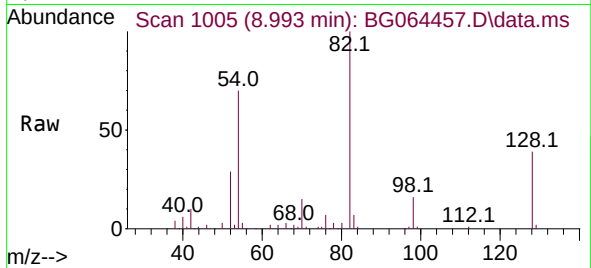
Instrument :

BNA_G

ClientSampleId :

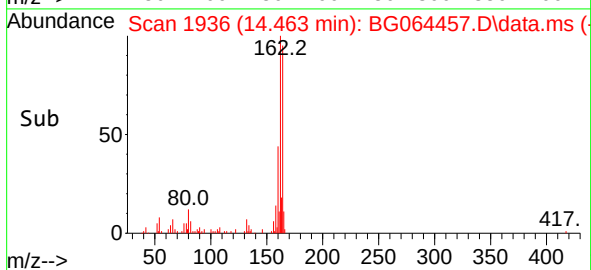
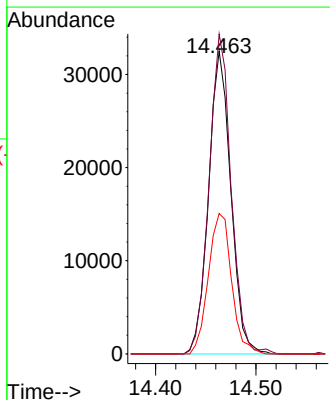
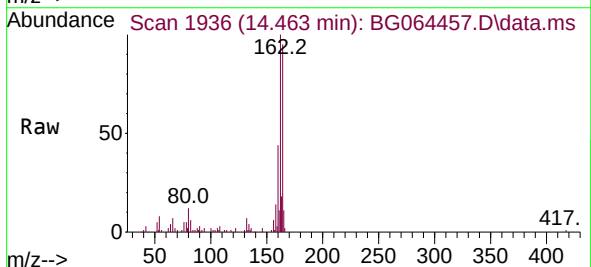
PB169873BL

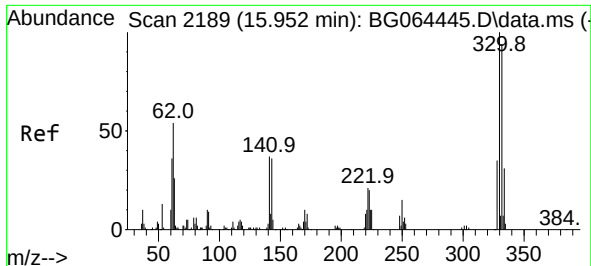
Tgt Ion: 82 Resp: 101843
 Ion Ratio Lower Upper
 82 100
 128 39.4 32.2 48.4
 54 69.8 56.6 85.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1936
 Delta R.T. -0.005 min
 Lab File: BG064457.D
 Acq: 26 Sep 2025 17:04

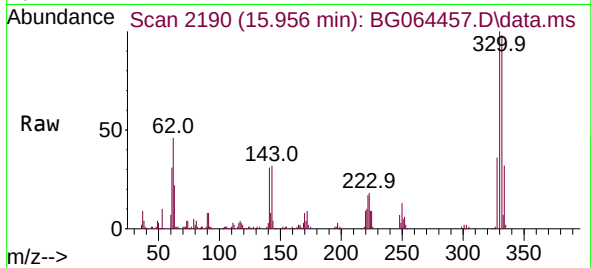
Tgt Ion:164 Resp: 50020
 Ion Ratio Lower Upper
 164 100
 162 105.7 83.2 124.8
 160 46.4 38.1 57.1



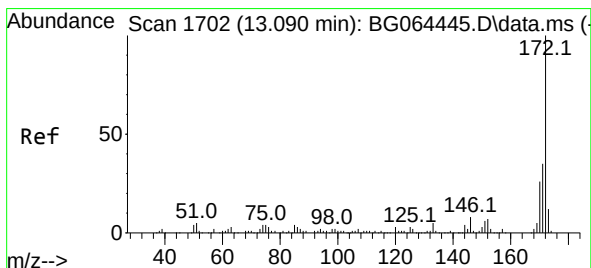
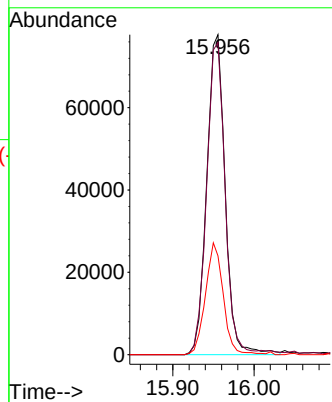
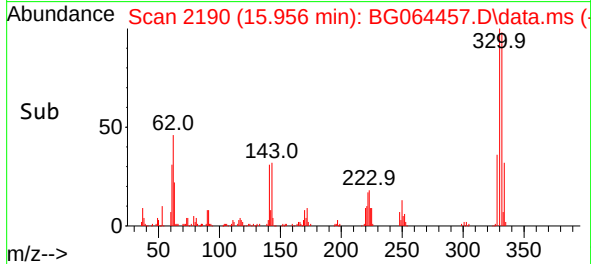


#42
2,4,6-Tribromophenol
Concen: 140.411 ng
RT: 15.956 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04

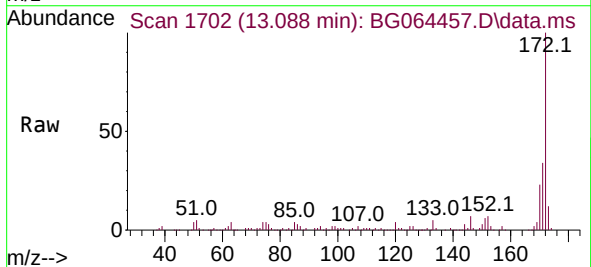
Instrument :
BNA_G
ClientSampleId :
PB169873BL



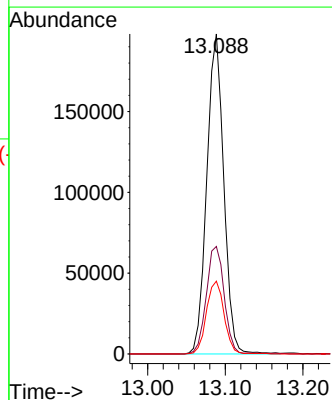
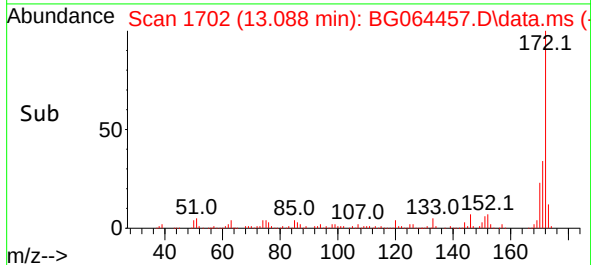
Tgt Ion:330 Resp: 122611
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 33.7 26.6 40.0

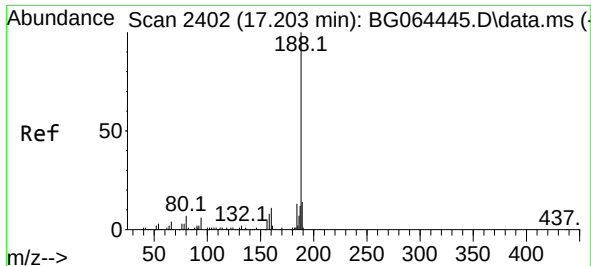


#45
2-Fluorobiphenyl
Concen: 88.724 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04



Tgt Ion:172 Resp: 300545
Ion Ratio Lower Upper
172 100
171 33.6 27.9 41.9
170 22.7 20.5 30.7

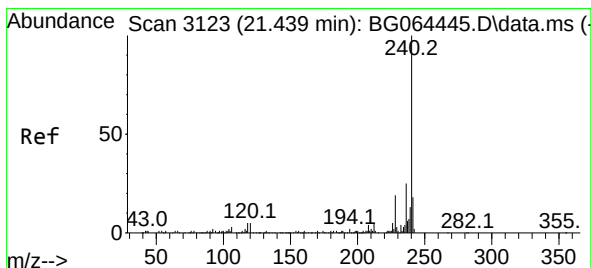
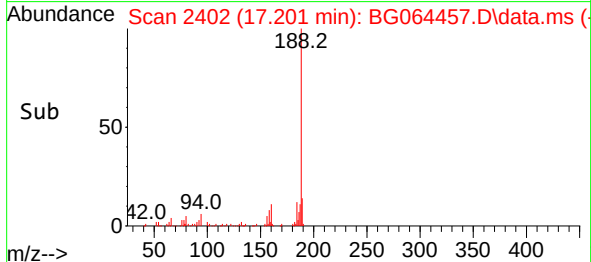
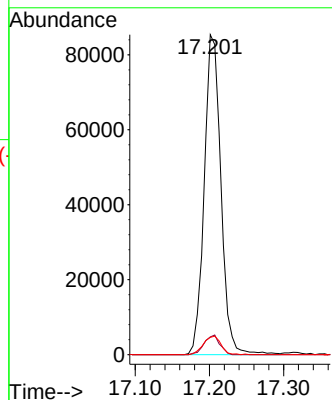
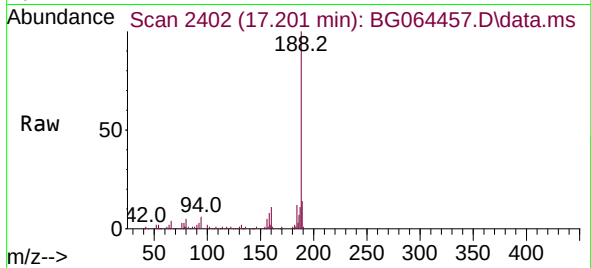




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04

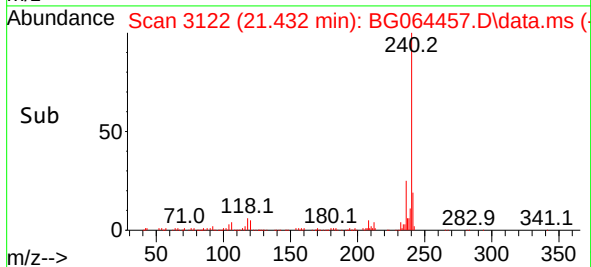
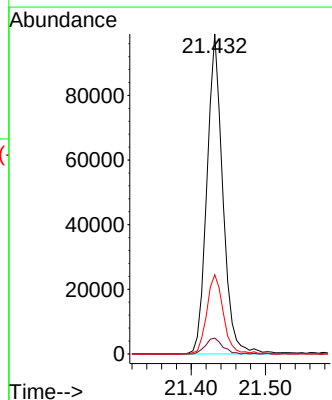
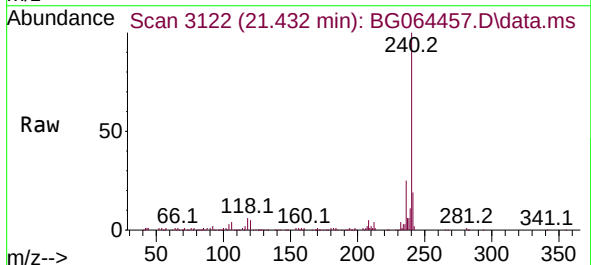
Instrument :
BNA_G
ClientSampleId :
PB169873BL

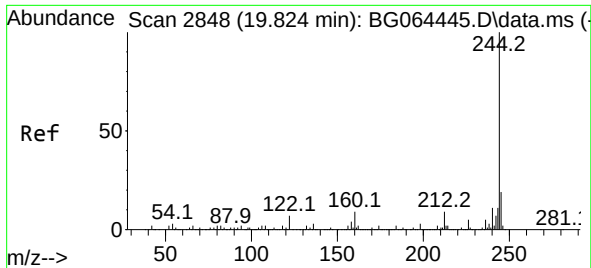
Tgt Ion:188 Resp: 133410
Ion Ratio Lower Upper
188 100
94 5.5 4.6 6.8
80 5.4 5.8 8.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.432 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BG064457.D
Acq: 26 Sep 2025 17:04

Tgt Ion:240 Resp: 146948
Ion Ratio Lower Upper
240 100
120 4.9 3.9 5.9
236 24.7 19.9 29.9

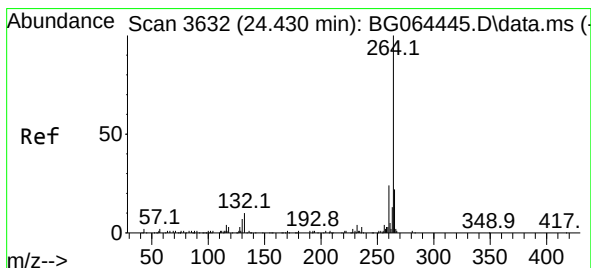
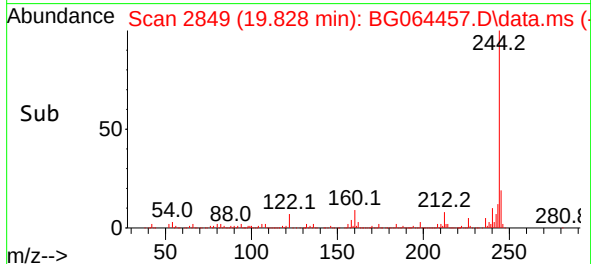
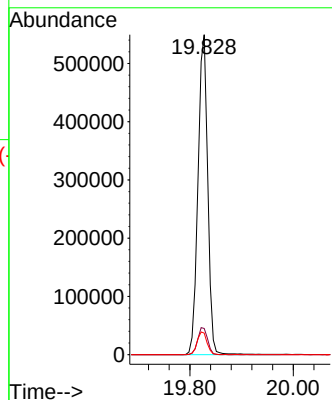
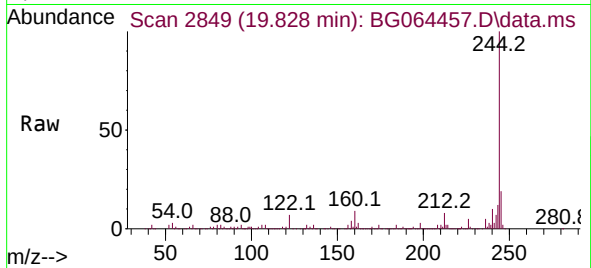




#79
 Terphenyl-d14
 Concen: 95.900 ng
 RT: 19.828 min Scan# 2848
 Delta R.T. -0.005 min
 Lab File: BG064457.D
 Acq: 26 Sep 2025 17:04

Instrument :
 BNA_G
 ClientSampleId :
 PB169873BL

Tgt Ion:244 Resp: 714875
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 6.7 5.2 7.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.428 min Scan# 3632
 Delta R.T. -0.005 min
 Lab File: BG064457.D
 Acq: 26 Sep 2025 17:04

Tgt Ion:264 Resp: 166371
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.0
 265 19.8 17.8 26.6

