

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
 Data File : BG064775.D
 Acq On : 14 Nov 2025 10:59
 Operator : RC/JU
 Sample : PB170517TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170517TB

Quant Time: Nov 14 11:41:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

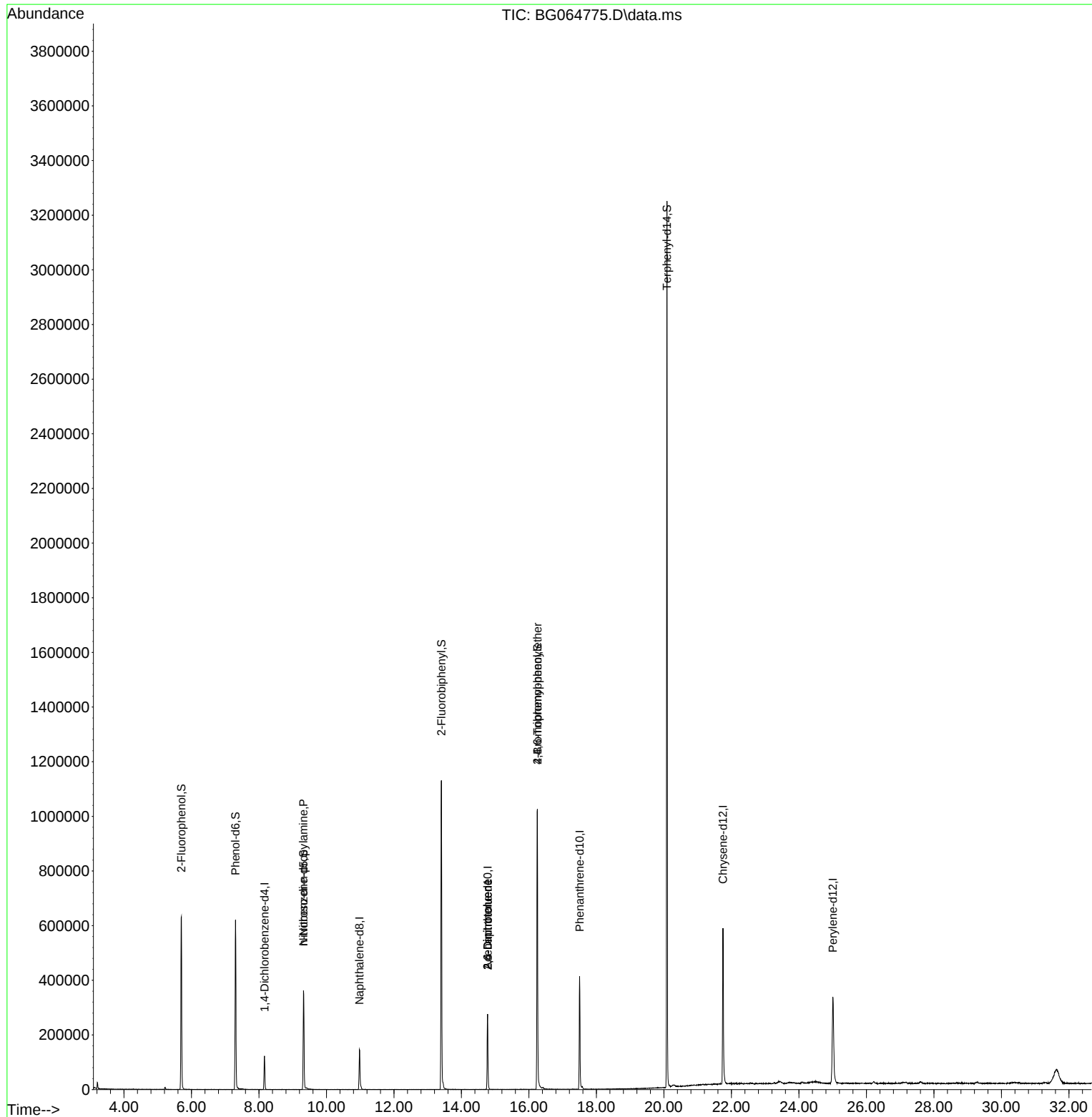
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	36175	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	138484	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	113390	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	294619	20.000	ng	0.00
76) Chrysene-d12	21.748	240	423867	20.000	ng	0.00
86) Perylene-d12	25.003	264	416040	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	270690	130.666	ng	0.00
7) Phenol-d6	7.307	99	351133	127.437	ng	0.00
23) Nitrobenzene-d5	9.322	82	220889	78.864	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	271602	122.816	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	650168	80.008	ng	0.00
79) Terphenyl-d14	20.092	244	1828266	84.847	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.322	70	29773	15.981	ng	Qvalue # 63
51) 2,6-Dinitrotoluene	14.774	165	14666	8.509	ng	# 21
57) 2,4-Dinitrotoluene	14.774	165	14666	5.676	ng	# 24
67) 4-Bromophenyl-phenylether	16.249	248	17424	4.503	ng	# 1

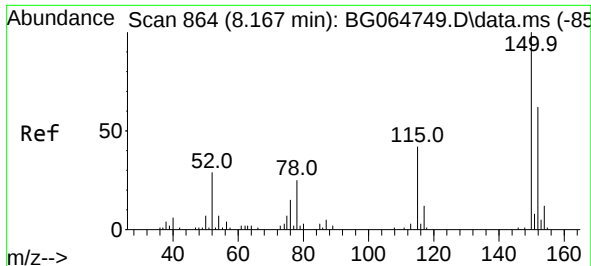
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
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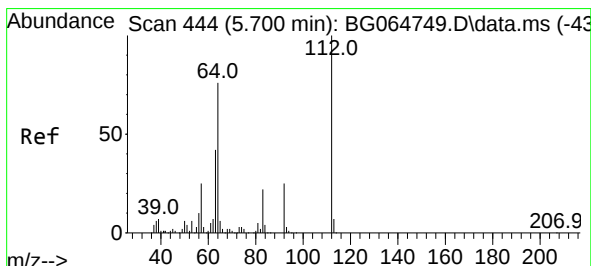
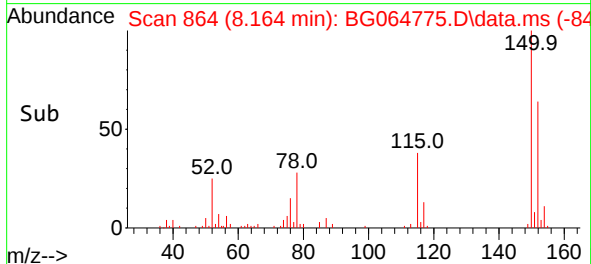
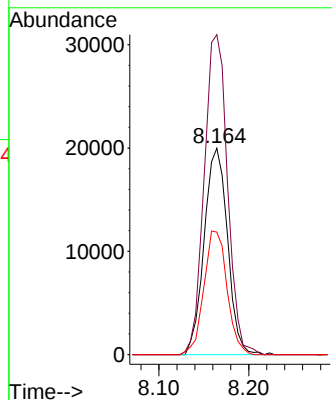
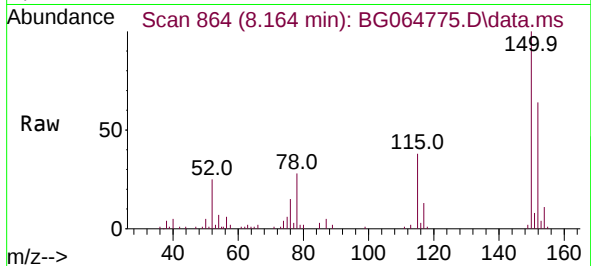




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064775.D
 Acq: 14 Nov 2025 10:59

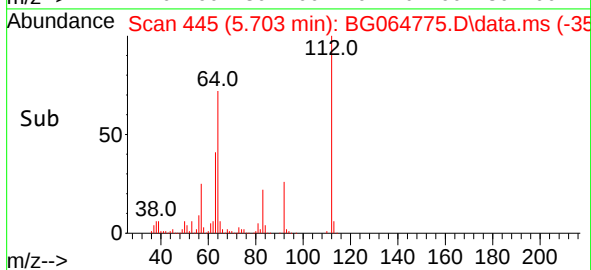
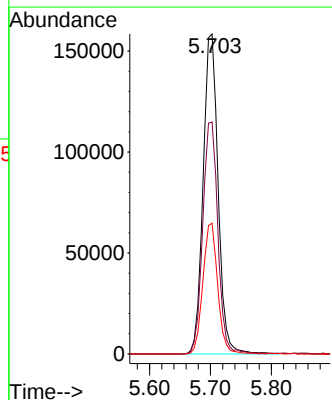
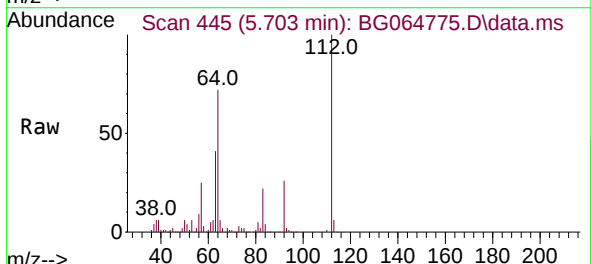
Instrument :
 BNA_G
 ClientSampleId :
 PB170517TB

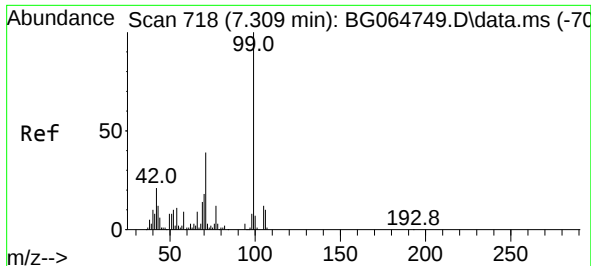
Tgt Ion:152 Resp: 36175
 Ion Ratio Lower Upper
 152 100
 150 155.0 129.2 193.8
 115 59.3 53.7 80.5



#5
 2-Fluorophenol
 Concen: 130.666 ng
 RT: 5.703 min Scan# 445
 Delta R.T. 0.003 min
 Lab File: BG064775.D
 Acq: 14 Nov 2025 10:59

Tgt Ion:112 Resp: 270690
 Ion Ratio Lower Upper
 112 100
 64 72.5 61.0 91.4
 63 40.8 33.3 49.9

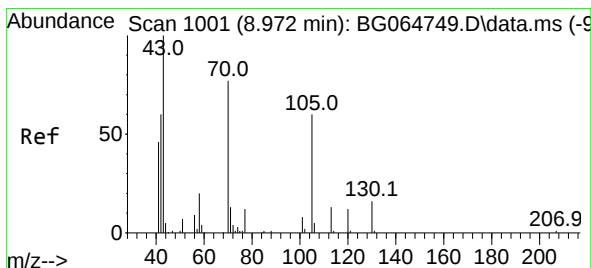
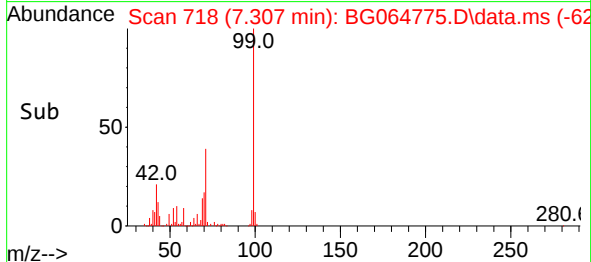
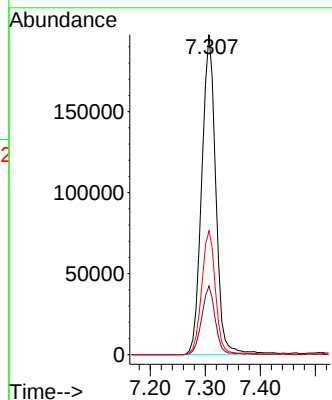
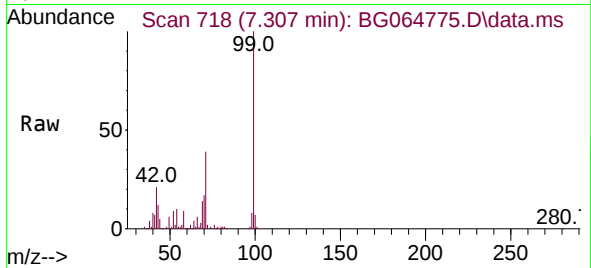




#7
Phenol-d6
Concen: 127.437 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

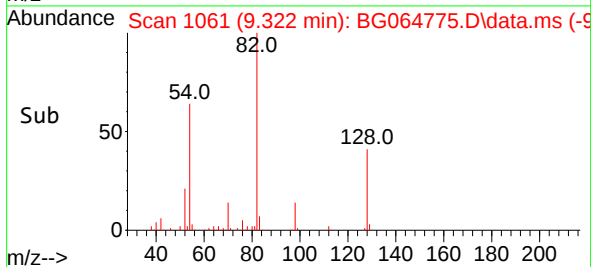
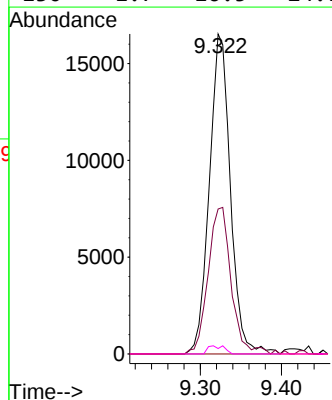
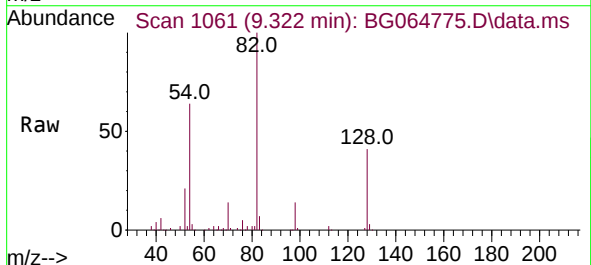
Instrument :
BNA_G
ClientSampleId :
PB170517TB

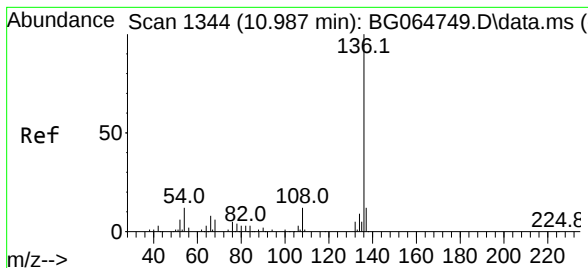
Tgt Ion: 99 Resp: 351133
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 38.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.981 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.350 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

Tgt Ion: 70 Resp: 29773
Ion Ratio Lower Upper
70 100
42 45.3 62.6 93.8#
101 0.0 8.0 12.0#
130 1.7 16.5 24.7#

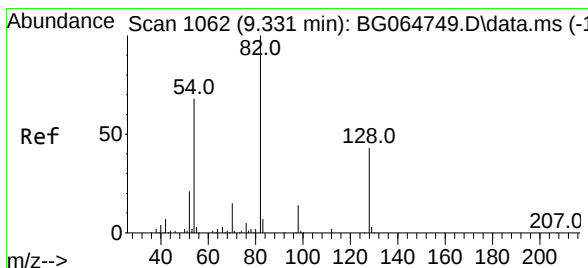
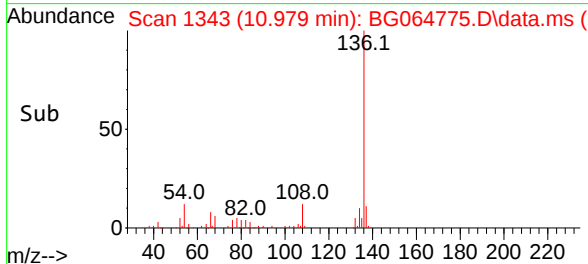
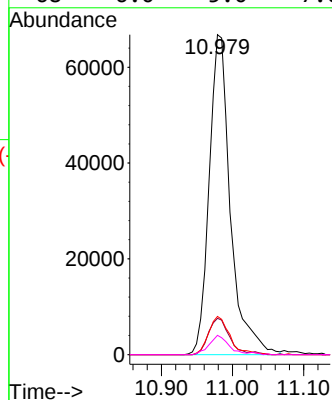
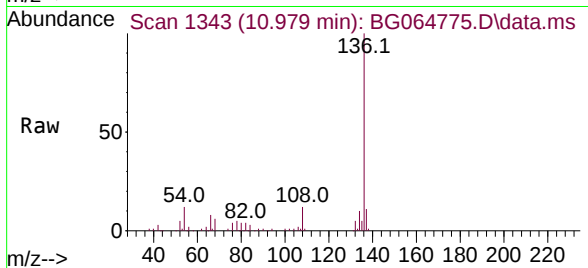




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

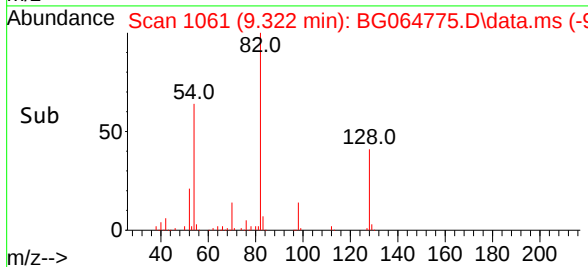
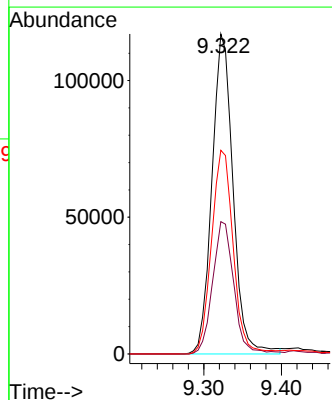
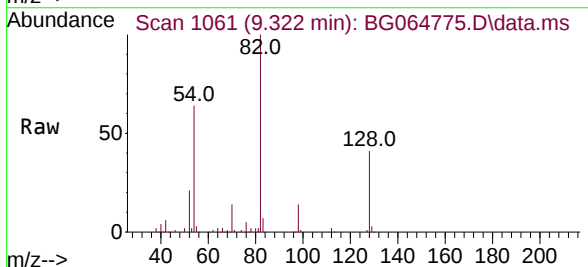
Instrument :
BNA_G
ClientSampleId :
PB170517TB

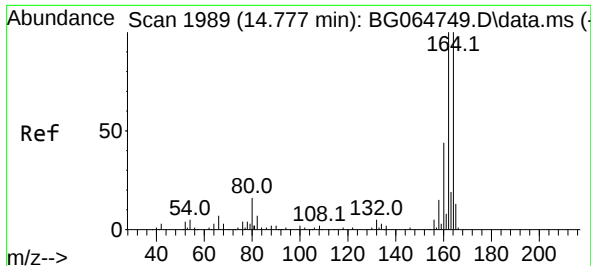
Tgt Ion:	136	Resp:	138484
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	11.9	9.3	13.9
68	6.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 78.864 ng
RT: 9.322 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

Tgt Ion:	82	Resp:	220889
Ion Ratio	Lower	Upper	
82	100		
128	41.3	34.1	51.1
54	63.6	54.3	81.5

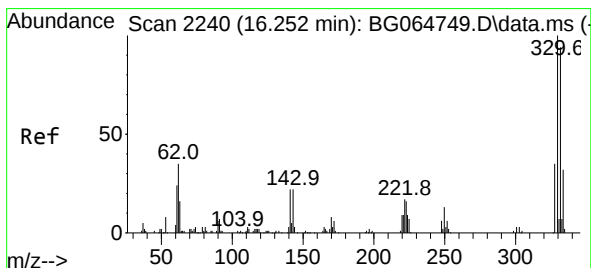
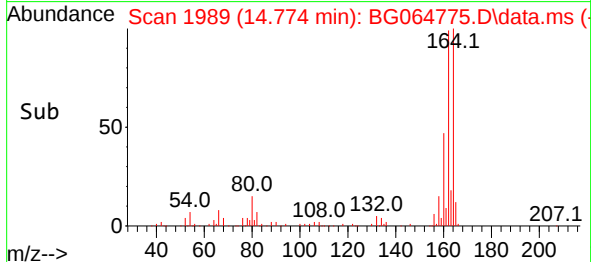
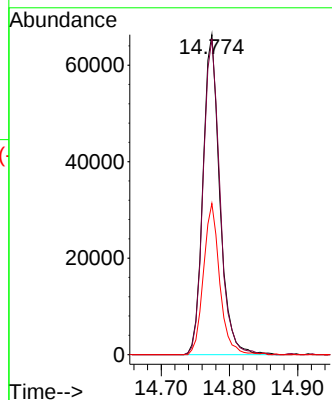
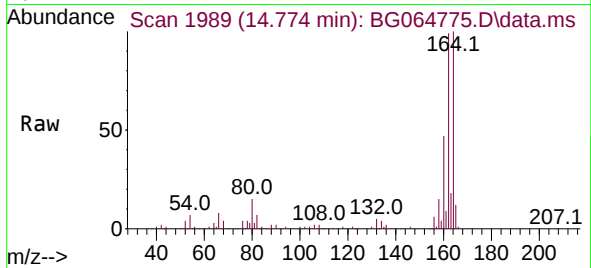




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

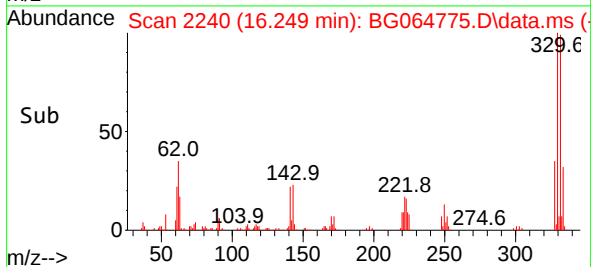
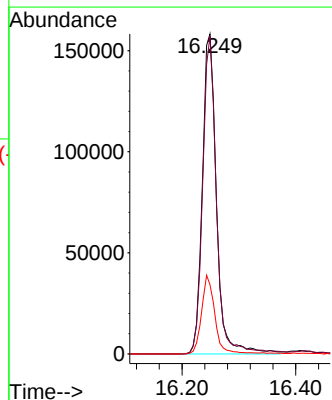
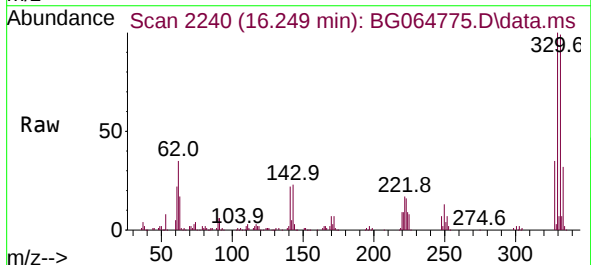
Instrument :
BNA_G
ClientSampleId :
PB170517TB

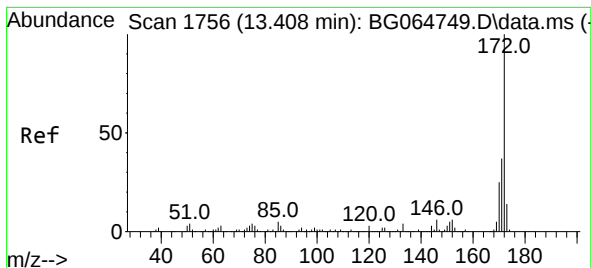
Tgt Ion:164 Resp: 113390
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.6
160 47.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 122.816 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

Tgt Ion:330 Resp: 271602
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 23.0 18.2 27.2





#45

2-Fluorobiphenyl

Concen: 80.008 ng

RT: 13.405 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG064775.D

Acq: 14 Nov 2025 10:59

Instrument :

BNA_G

ClientSampleId :

PB170517TB

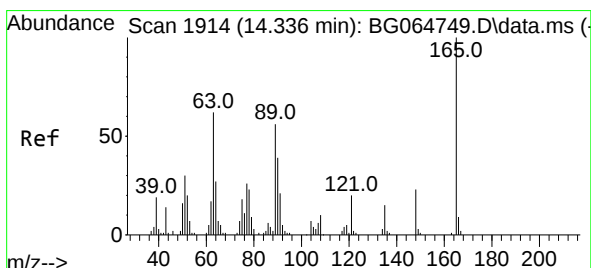
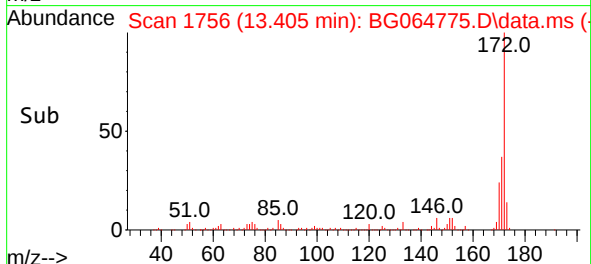
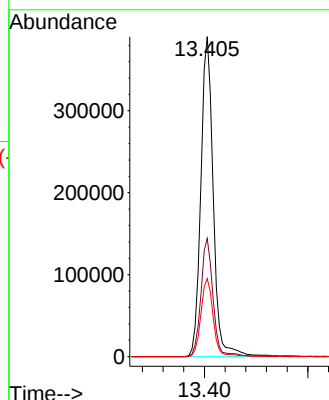
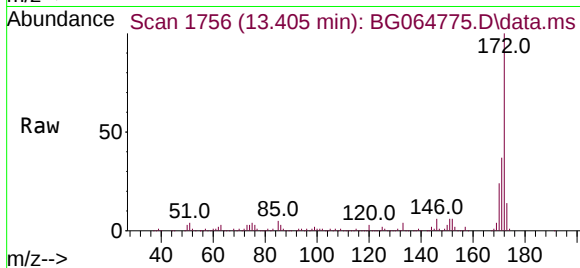
Tgt Ion:172 Resp: 650168

Ion Ratio Lower Upper

172 100

171 36.9 29.9 44.9

170 24.4 19.8 29.6



#51

2,6-Dinitrotoluene

Concen: 8.509 ng

RT: 14.774 min Scan# 1989

Delta R.T. 0.438 min

Lab File: BG064775.D

Acq: 14 Nov 2025 10:59

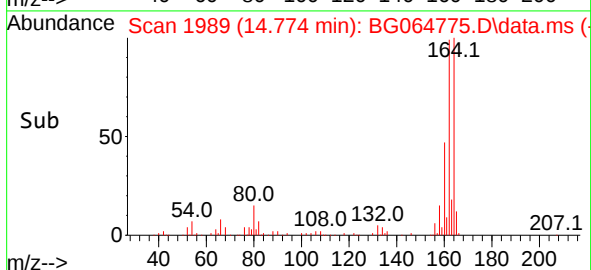
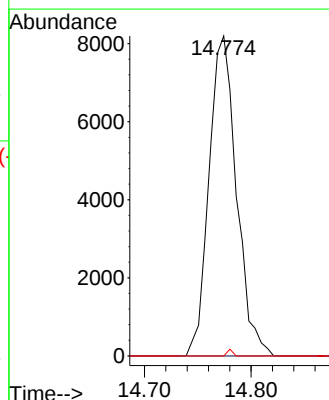
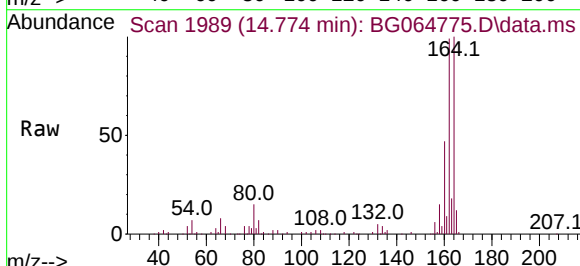
Tgt Ion:165 Resp: 14666

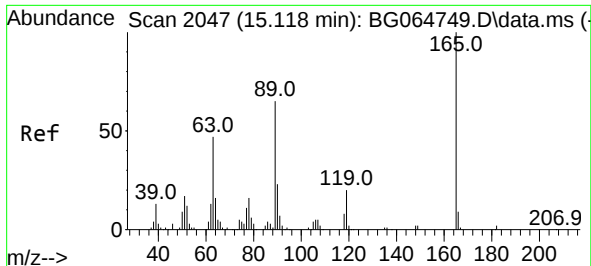
Ion Ratio Lower Upper

165 100

63 0.0 49.8 74.8#

89 0.0 45.0 67.4#

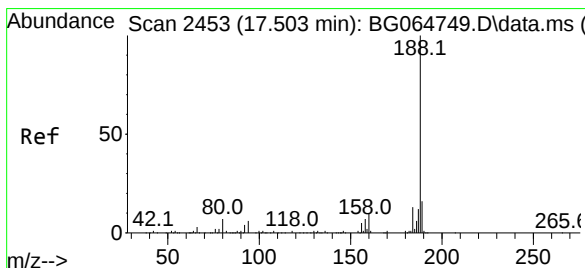
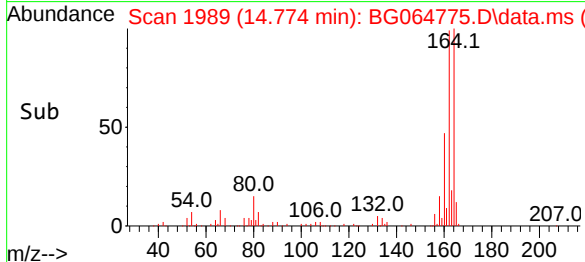
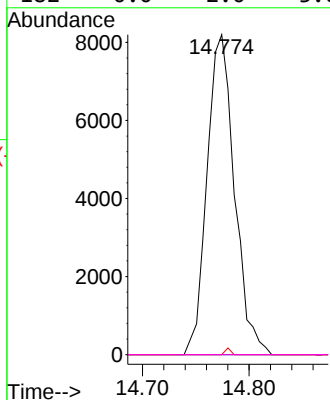
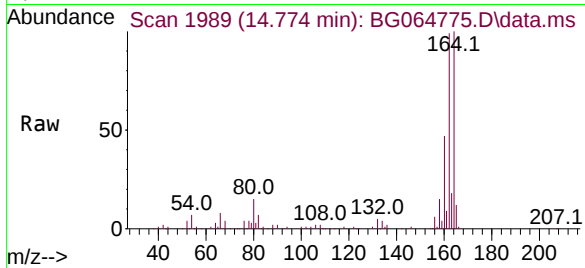




#57
2,4-Dinitrotoluene
Concen: 5.676 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.344 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

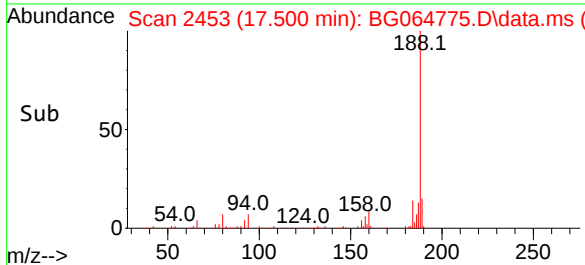
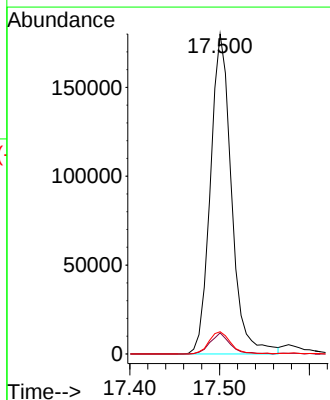
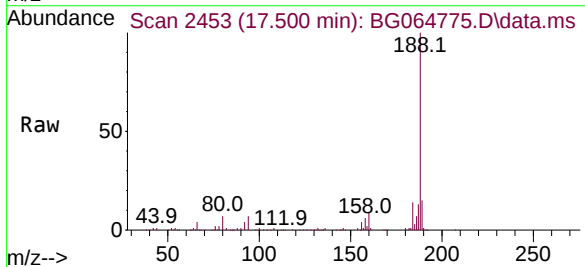
Instrument :
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ClientSampleId :
PB170517TB

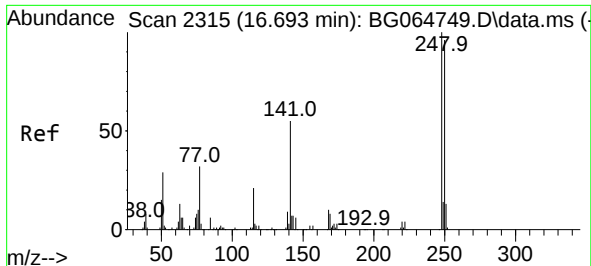
Tgt Ion:165 Resp: 14666
Ion Ratio Lower Upper
165 100
63 0.0 37.8 56.6#
89 0.0 51.6 77.4#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

Tgt Ion:188 Resp: 294619
Ion Ratio Lower Upper
188 100
94 6.6 4.7 7.1
80 6.9 5.4 8.2

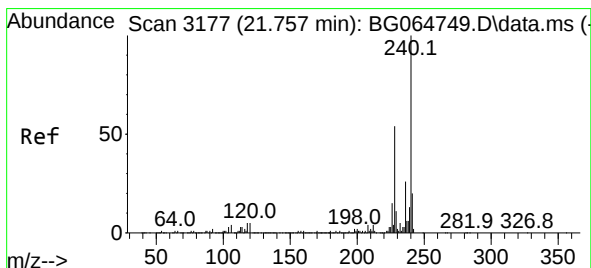
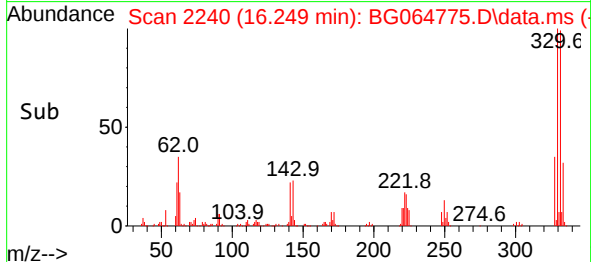
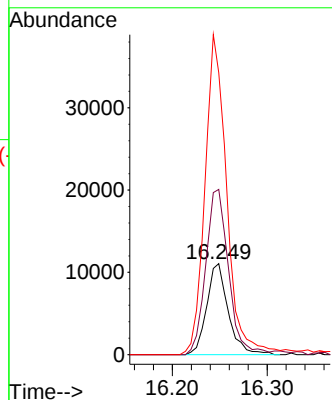
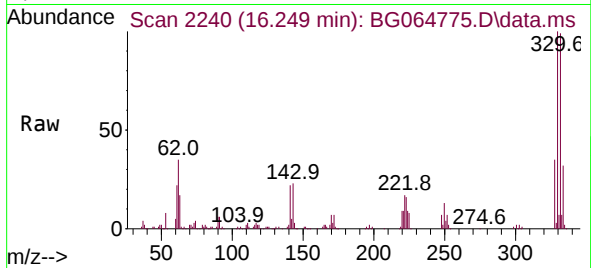




#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

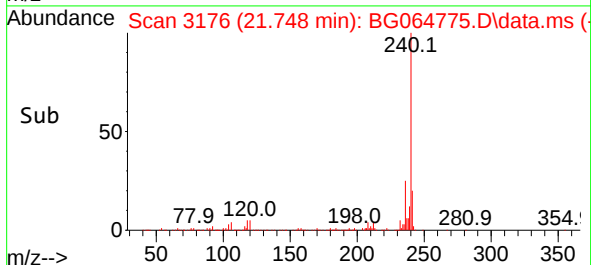
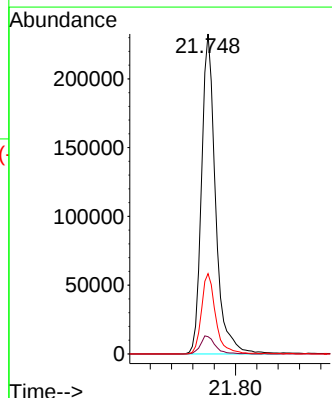
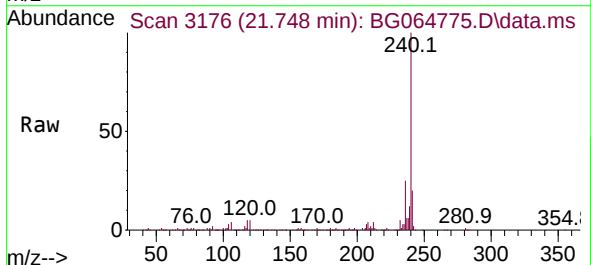
Instrument :
BNA_G
ClientSampleId :
PB170517TB

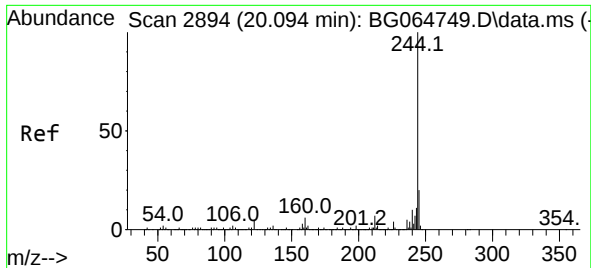
Tgt Ion:248 Resp: 17424
Ion Ratio Lower Upper
248 100
250 139.2 77.0 115.6#
141 237.5 43.7 65.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064775.D
Acq: 14 Nov 2025 10:59

Tgt Ion:240 Resp: 423867
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.4
236 25.1 20.8 31.2

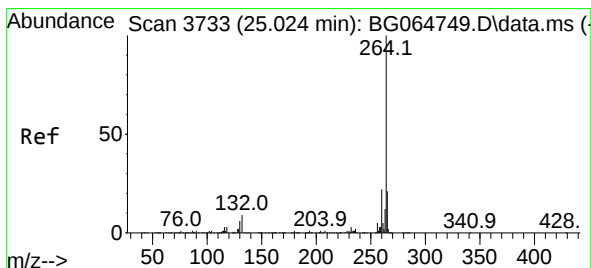
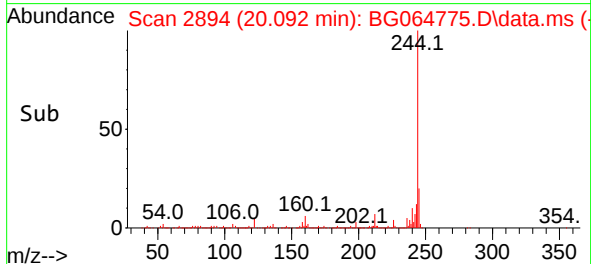
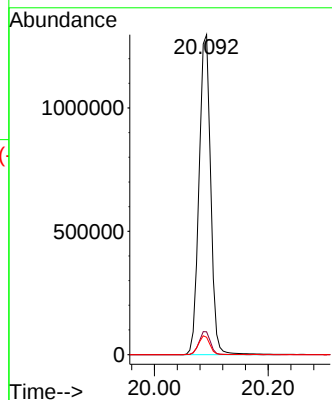
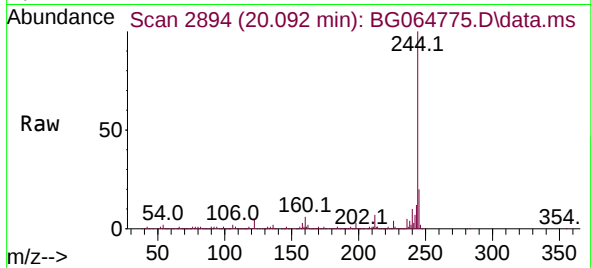




#79
 Terphenyl-d14
 Concen: 84.847 ng
 RT: 20.092 min Scan# 2894
 Delta R.T. -0.003 min
 Lab File: BG064775.D
 Acq: 14 Nov 2025 10:59

Instrument :
 BNA_G
 ClientSampleId :
 PB170517TB

Tgt Ion:244 Resp: 1828266
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 5.4 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3730
 Delta R.T. -0.020 min
 Lab File: BG064775.D
 Acq: 14 Nov 2025 10:59

Tgt Ion:264 Resp: 416040
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.2 25.8
 265 21.2 16.6 25.0

