

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064944.D
 Acq On : 11 Dec 2025 21:40
 Operator : RC/JU
 Sample : Q3829-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FED-FOOTING

Quant Time: Dec 11 22:44:20 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)

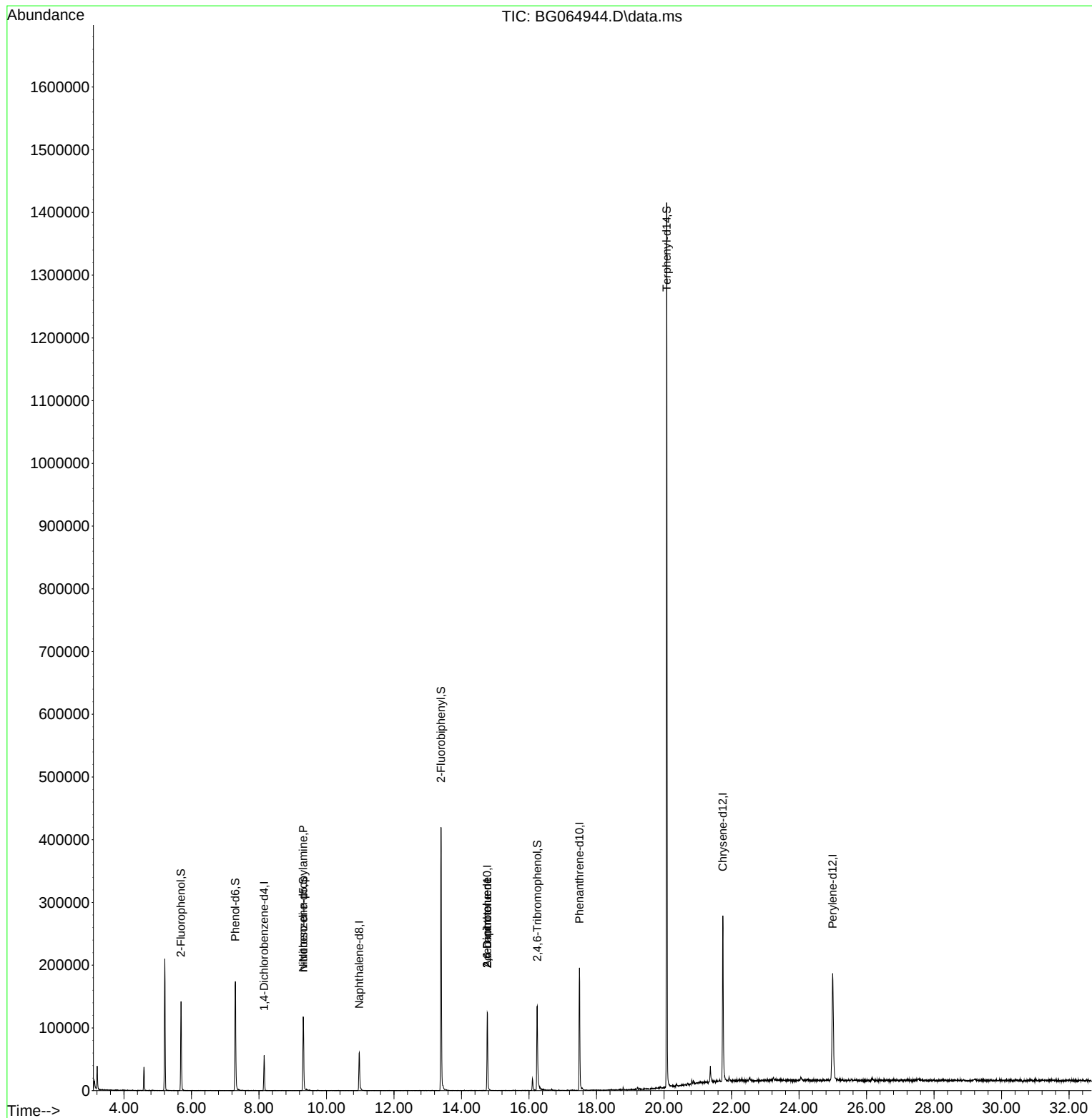
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	16487	20.000	ng	-0.01
21) Naphthalene-d8	10.966	136	61698	20.000	ng	#-0.02
39) Acenaphthene-d10	14.762	164	56896	20.000	ng	-0.02
64) Phenanthrene-d10	17.494	188	150326	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	202587	20.000	ng	#-0.02
86) Perylene-d12	24.997	264	228829	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	58717	62.190	ng	0.00
7) Phenol-d6	7.294	99	95225	75.830	ng	-0.02
23) Nitrobenzene-d5	9.310	82	70008	56.102	ng	-0.02
42) 2,4,6-Tribromophenol	16.243	330	47591	42.888	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	252010	61.804	ng	-0.02
79) Terphenyl-d14	20.079	244	770009	74.767	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.310	70	10143	11.946	ng	# 71
51) 2,6-Dinitrotoluene	14.762	165	6882	7.958	ng	# 24
57) 2,4-Dinitrotoluene	14.762	165	6882	5.308	ng	# 27

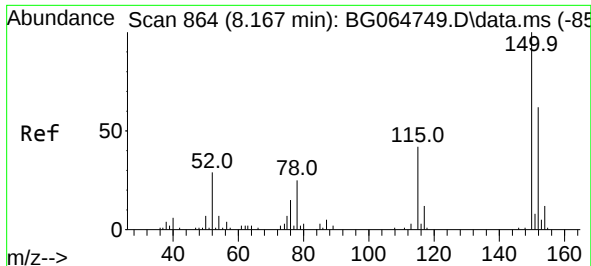
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064944.D
Acq On : 11 Dec 2025 21:40
Operator : RC/JU
Sample : Q3829-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Dec 11 22:44:20 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
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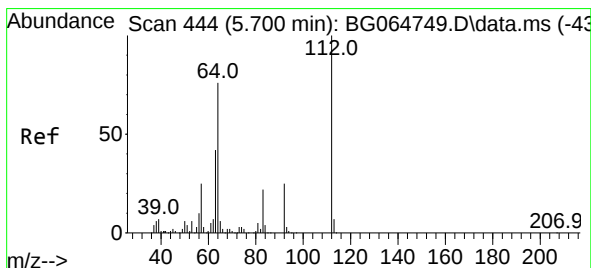
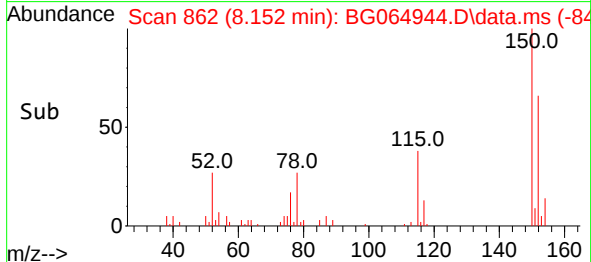
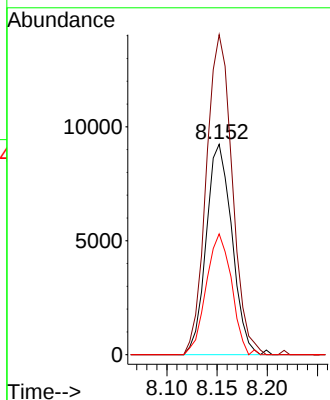
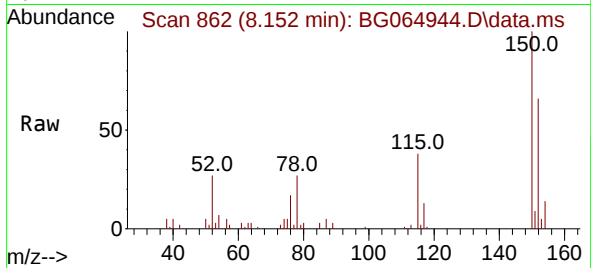




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

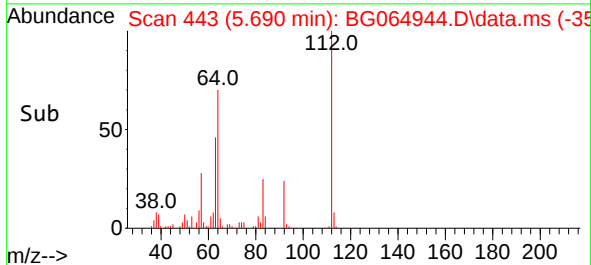
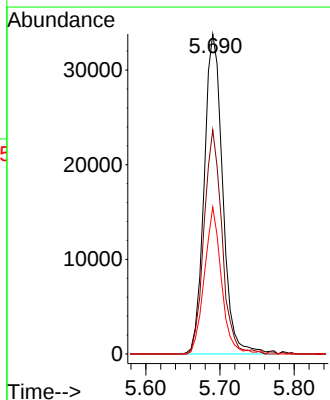
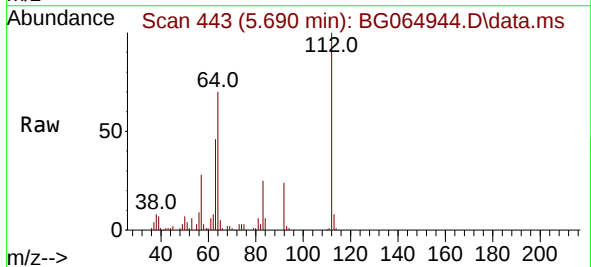
Instrument :
BNA_G
ClientSampleId :
FED-FOOTING

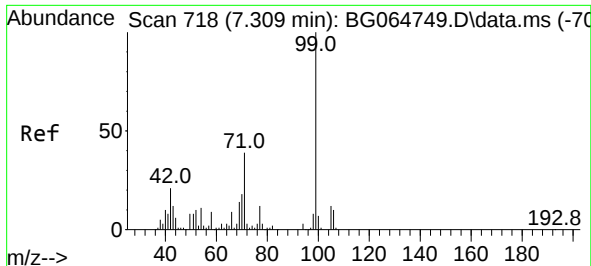
Tgt Ion:152 Resp: 16487
Ion Ratio Lower Upper
152 100
150 152.1 129.2 193.8
115 57.4 53.7 80.5



#5
2-Fluorophenol
Concen: 62.190 ng
RT: 5.690 min Scan# 443
Delta R.T. -0.009 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

Tgt Ion:112 Resp: 58717
Ion Ratio Lower Upper
112 100
64 70.0 61.0 91.4
63 45.9 33.3 49.9

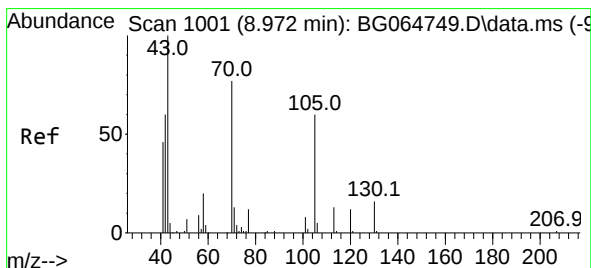
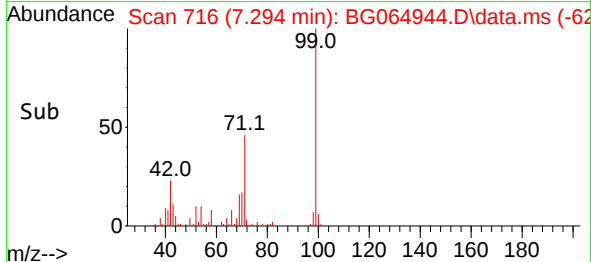
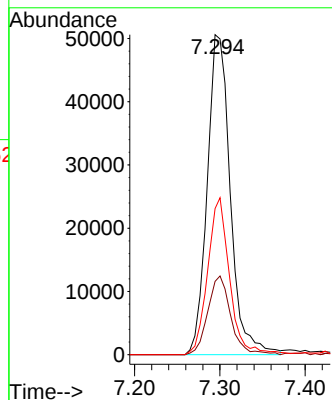
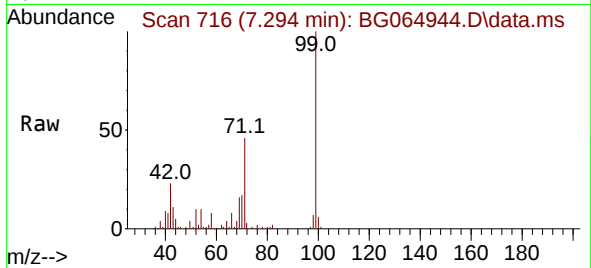




#7
Phenol-d6
Concen: 75.830 ng
RT: 7.294 min Scan# 716
Delta R.T. -0.015 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

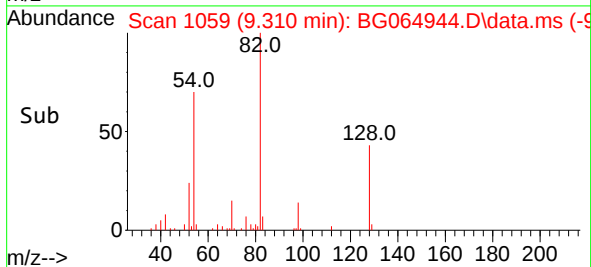
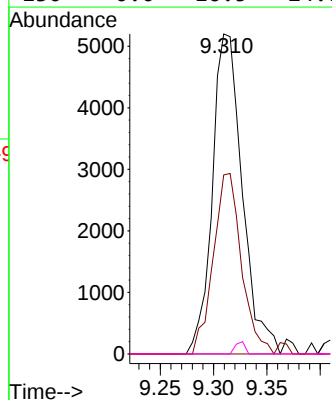
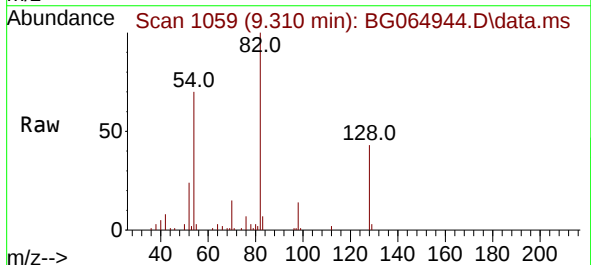
Instrument :
BNA_G
ClientSampleId :
FED-FOOTING

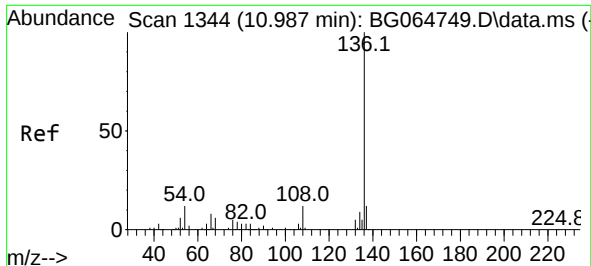
Tgt Ion: 99 Resp: 95225
Ion Ratio Lower Upper
99 100
42 22.9 16.8 25.2
71 45.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.946 ng
RT: 9.310 min Scan# 1059
Delta R.T. 0.337 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

Tgt Ion: 70 Resp: 10143
Ion Ratio Lower Upper
70 100
42 55.9 62.6 93.8#
101 0.0 8.0 12.0#
130 0.0 16.5 24.7#

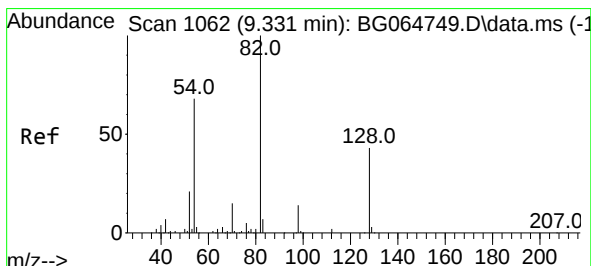
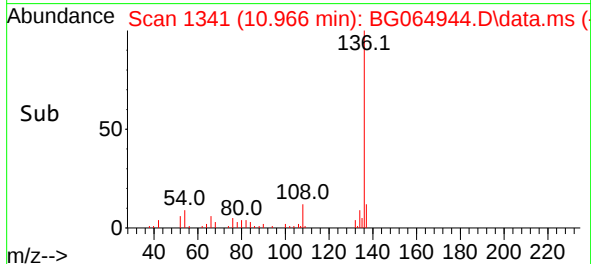
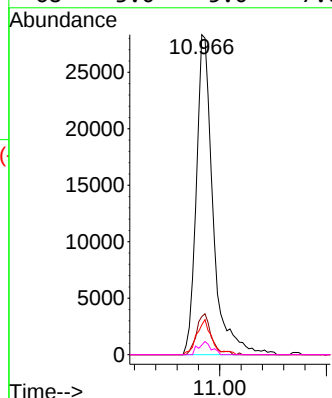
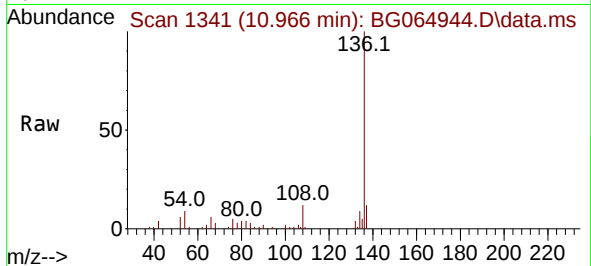




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

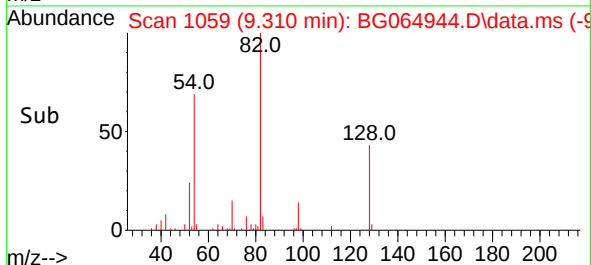
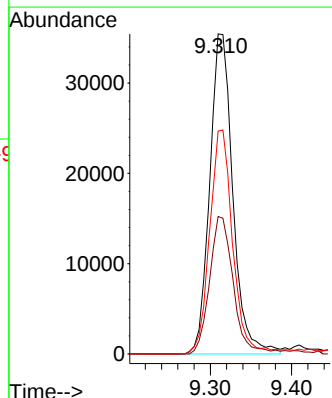
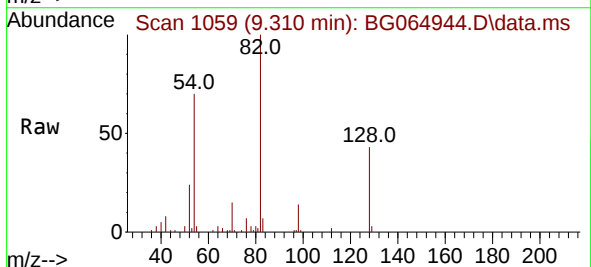
Instrument :
BNA_G
ClientSampleId :
FED-FOOTING

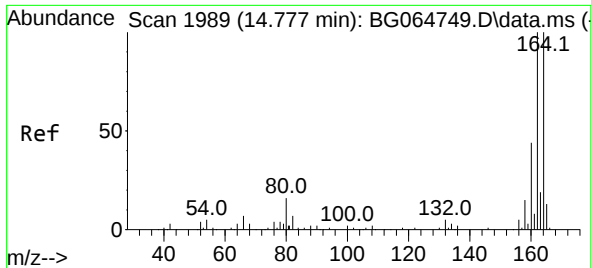
Tgt Ion:	136	Resp:	61698
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.3	13.9
54	9.3	9.3	13.9
68	3.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 56.102 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.021 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

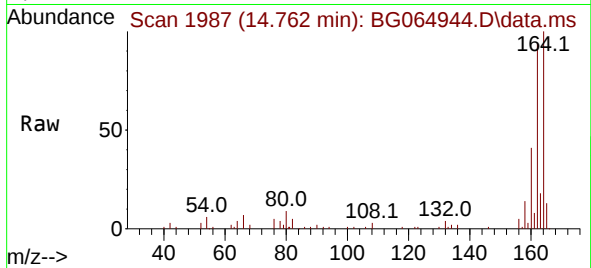
Tgt Ion:	82	Resp:	70008
Ion Ratio	Lower	Upper	
82	100		
128	43.0	34.1	51.1
54	69.7	54.3	81.5



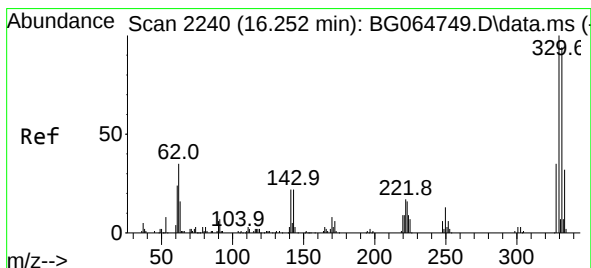
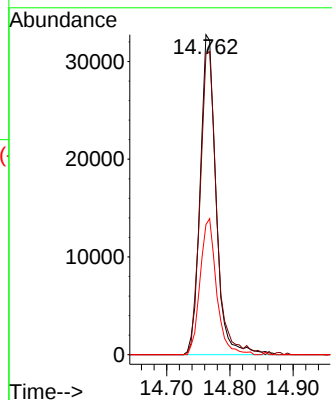
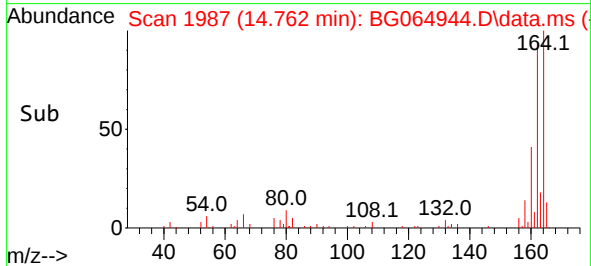


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1987
Delta R.T. -0.015 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

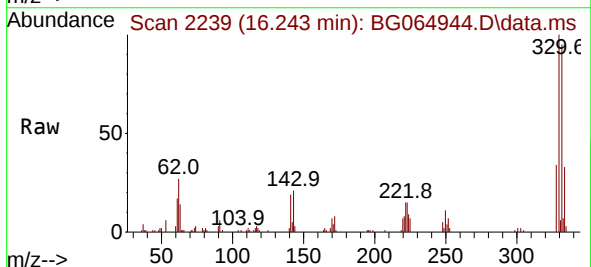
Instrument :
BNA_G
ClientSampleId :
FED-FOOTING



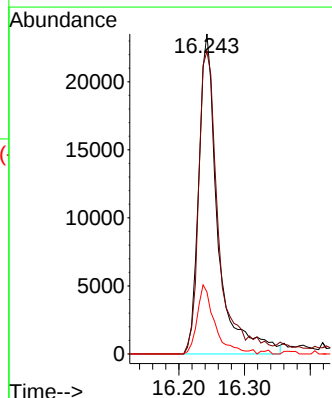
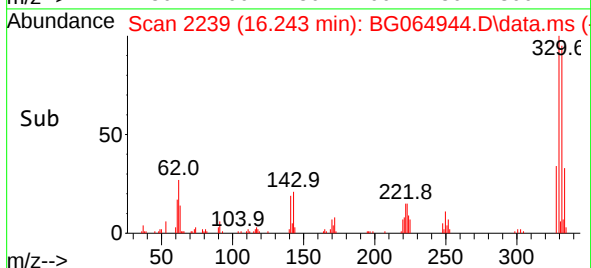
Tgt Ion:164 Resp: 56896
Ion Ratio Lower Upper
164 100
162 93.9 79.8 119.6
160 40.7 34.9 52.3

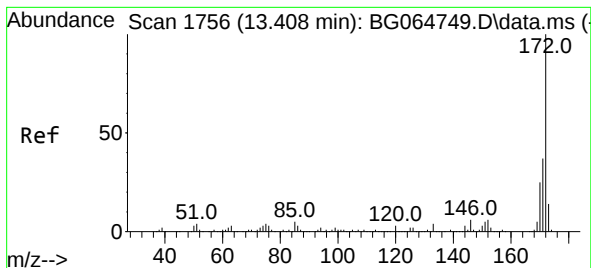


#42
2,4,6-Tribromophenol
Concen: 42.888 ng
RT: 16.243 min Scan# 2239
Delta R.T. -0.009 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40



Tgt Ion:330 Resp: 47591
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.6
141 20.1 18.2 27.2





#45

2-Fluorobiphenyl

Concen: 61.804 ng

RT: 13.393 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG064944.D

Acq: 11 Dec 2025 21:40

Instrument :

BNA_G

ClientSampleId :

FED-FOOTING

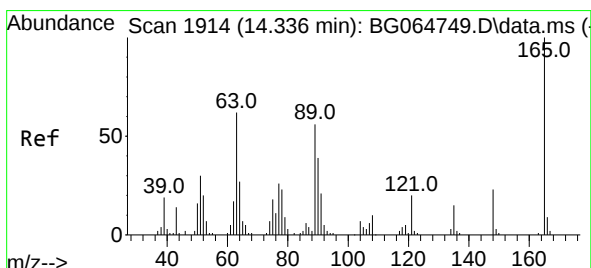
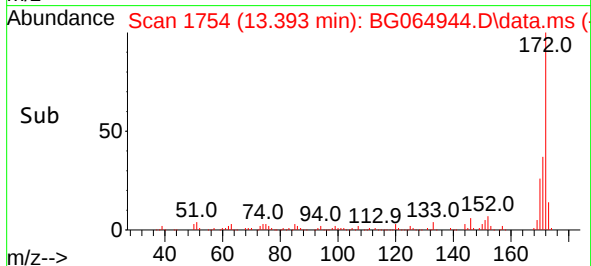
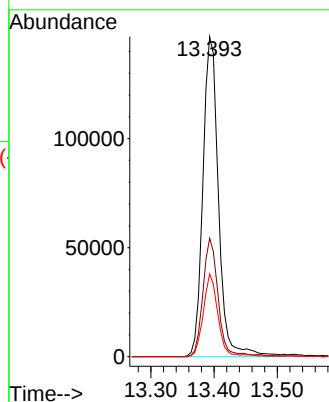
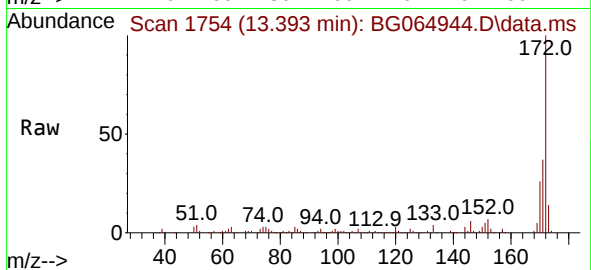
Tgt Ion:172 Resp: 252010

Ion Ratio Lower Upper

172 100

171 37.0 29.9 44.9

170 25.8 19.8 29.6



#51

2,6-Dinitrotoluene

Concen: 7.958 ng

RT: 14.762 min Scan# 1987

Delta R.T. 0.425 min

Lab File: BG064944.D

Acq: 11 Dec 2025 21:40

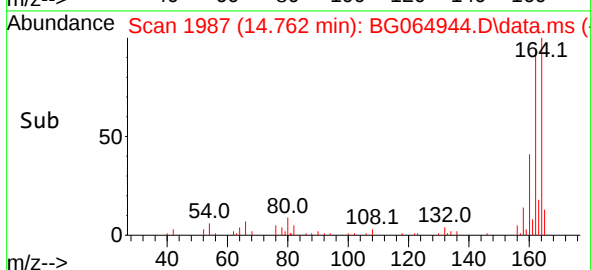
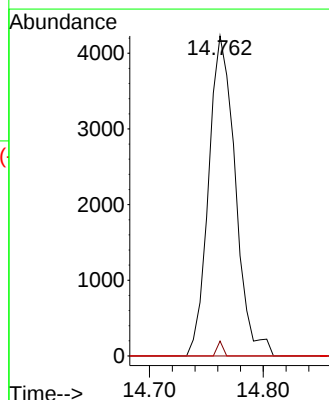
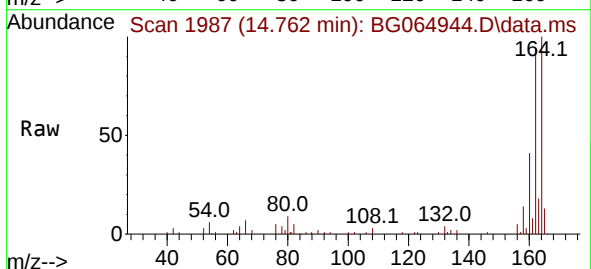
Tgt Ion:165 Resp: 6882

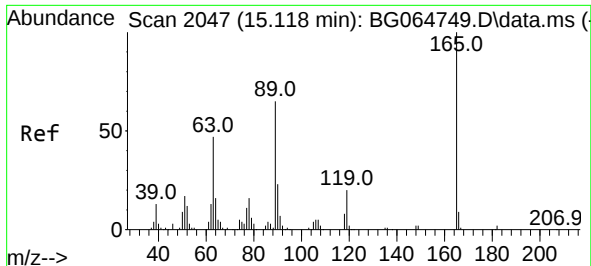
Ion Ratio Lower Upper

165 100

63 4.7 49.8 74.8#

89 0.0 45.0 67.4#

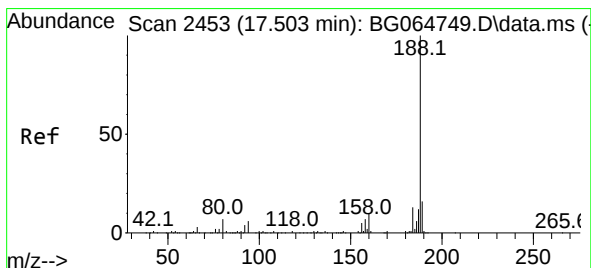
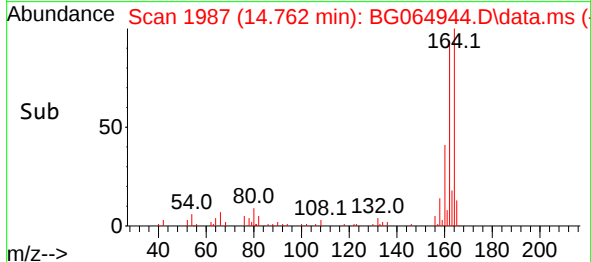
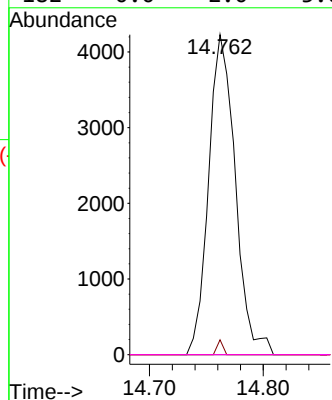
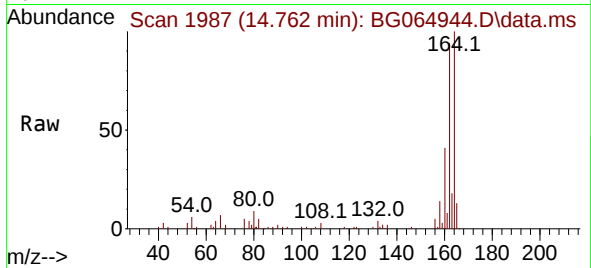




#57
2,4-Dinitrotoluene
Concen: 5.308 ng
RT: 14.762 min Scan# 1987
Delta R.T. -0.356 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

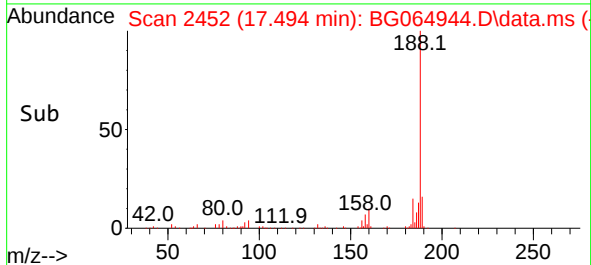
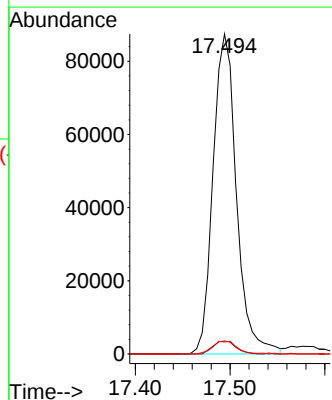
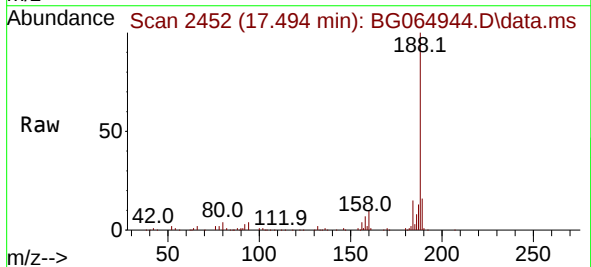
Instrument :
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FED-FOOTING

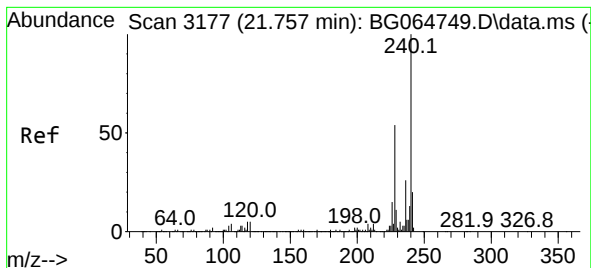
Tgt Ion:165 Resp: 6882
Ion Ratio Lower Upper
165 100
63 4.7 37.8 56.6#
89 0.0 51.6 77.4#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BG064944.D
Acq: 11 Dec 2025 21:40

Tgt Ion:188 Resp: 150326
Ion Ratio Lower Upper
188 100
94 4.0 4.7 7.1#
80 3.8 5.4 8.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.742 min Scan# 3175

Delta R.T. -0.015 min

Lab File: BG064944.D

Acq: 11 Dec 2025 21:40

Instrument :

BNA_G

ClientSampleId :

FED-FOOTING

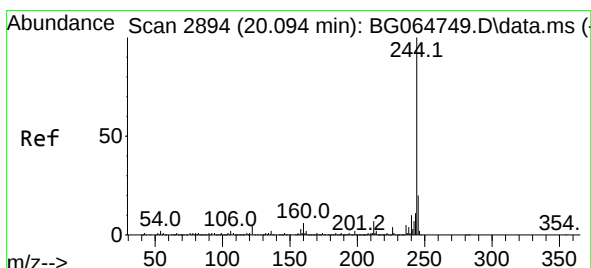
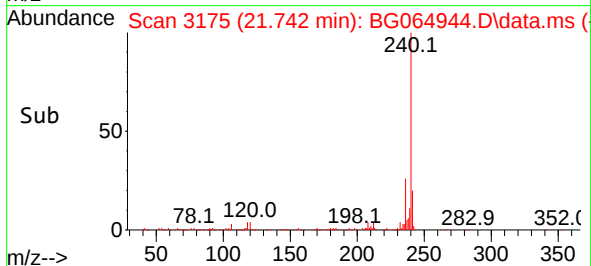
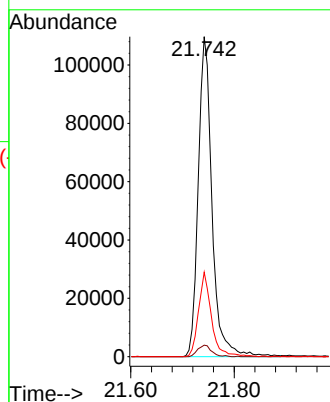
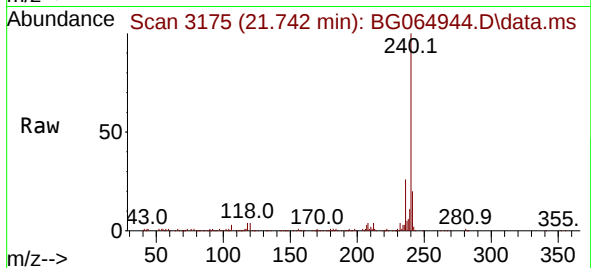
Tgt Ion:240 Resp: 202587

Ion Ratio Lower Upper

240 100

120 3.6 4.2 6.4#

236 26.4 20.8 31.2



#79

Terphenyl-d14

Concen: 74.767 ng

RT: 20.079 min Scan# 2892

Delta R.T. -0.015 min

Lab File: BG064944.D

Acq: 11 Dec 2025 21:40

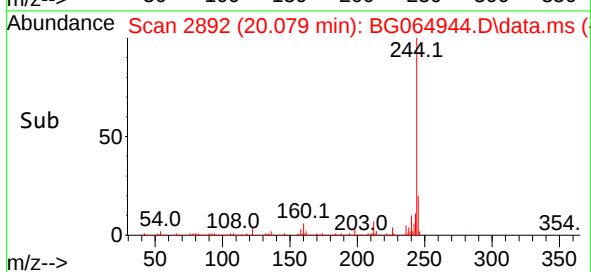
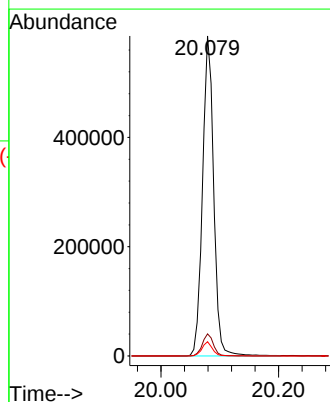
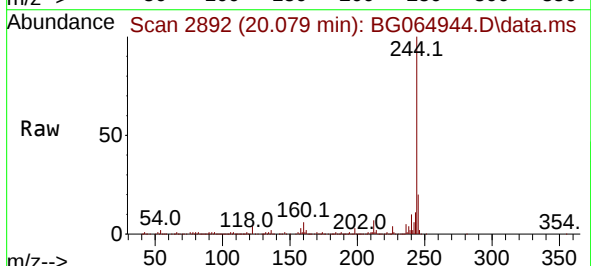
Tgt Ion:244 Resp: 770009

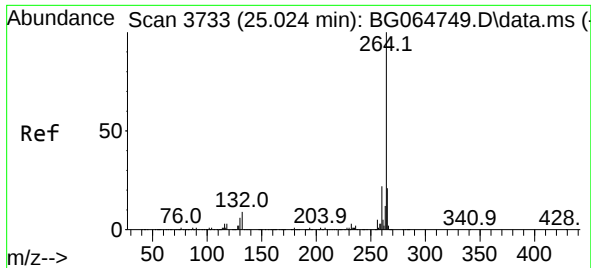
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 4.5 4.3 6.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.997 min Scan# 31
 Delta R.T. -0.027 min
 Lab File: BG064944.D
 Acq: 11 Dec 2025 21:40

Instrument :
 BNA_G
 ClientSampleId :
 FED-FOOTING

Tgt Ion:264 Resp: 228829
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.2 25.8
 265 21.2 16.6 25.0

