

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064468.D
 Acq On : 29 Sep 2025 20:41
 Operator : RC/JU
 Sample : Q3232-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1

Quant Time: Sep 30 06:57:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

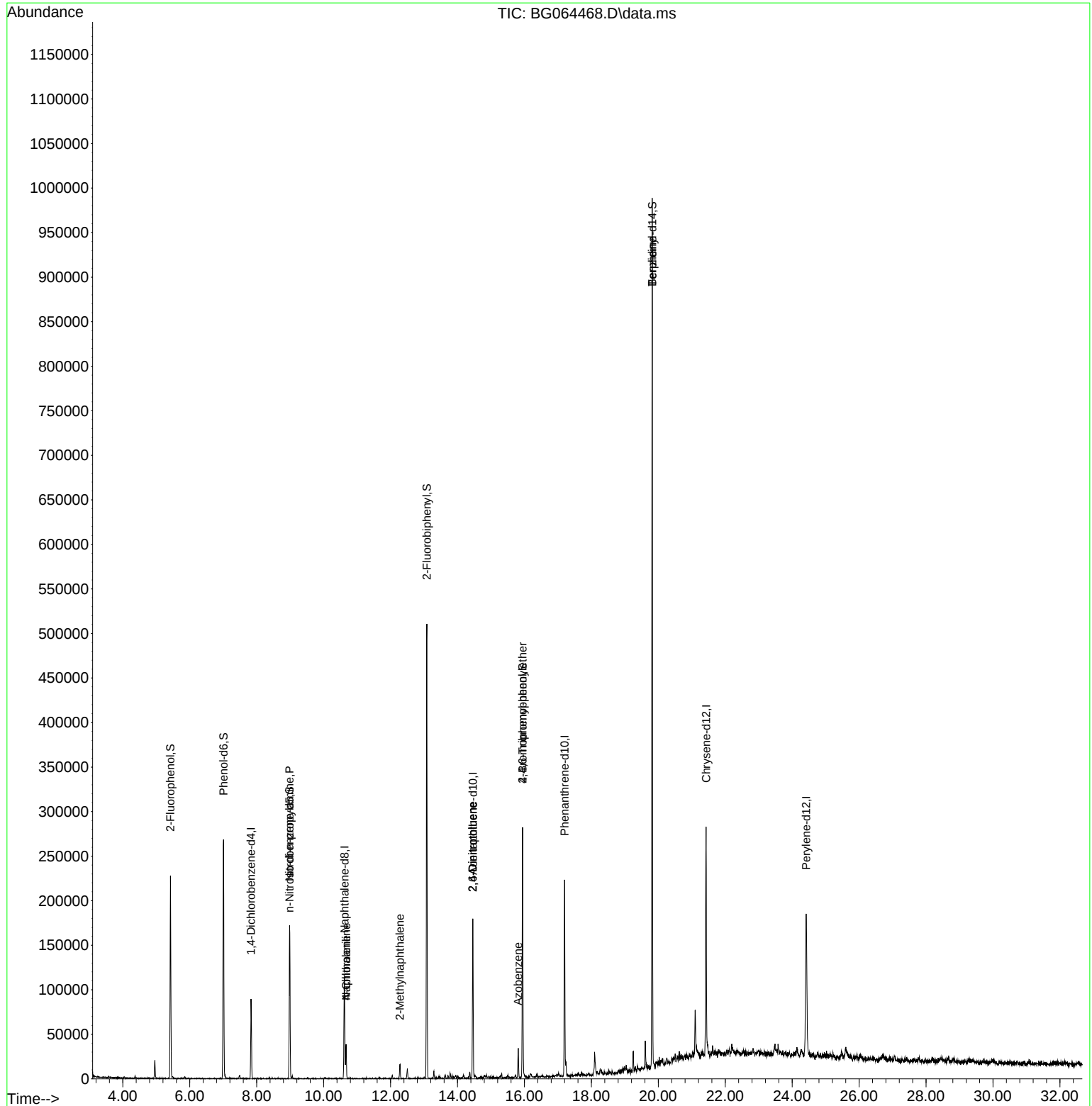
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	20870	20.000	ng	-0.01
21) Naphthalene-d8	10.622	136	88815	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	61415	20.000	ng	0.00
64) Phenanthrene-d10	17.197	188	134730	20.000	ng	#-0.01
76) Chrysene-d12	21.427	240	144729	20.000	ng	0.00
86) Perylene-d12	24.418	264	161683	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	84193	77.091	ng	0.00
7) Phenol-d6	7.009	99	129918	86.832	ng	0.00
23) Nitrobenzene-d5	8.983	82	89696	54.732	ng	0.00
42) 2,4,6-Tribromophenol	15.946	330	55156	51.444	ng	0.00
45) 2-Fluorobiphenyl	13.084	172	252375	60.680	ng	0.00
79) Terphenyl-d14	19.818	244	452102	61.579	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.977	70	13463	13.312	ng	# 62
31) Naphthalene	10.669	128	28894	6.232	ng	98
33) 4-Chloroaniline	10.669	127	3984	2.349	ng	# 34
37) 2-Methylnaphthalene	12.279	142	8080	2.308	ng	93
51) 2,6-Dinitrotoluene	14.453	165	8559	8.685	ng	# 23
57) 2,4-Dinitrotoluene	14.453	165	8559	5.689	ng	# 21
63) Azobenzene	15.811	77	10628	2.687	ng	# 35
67) 4-Bromophenyl-phenylether	15.946	248	3684	2.334	ng	# 1
77) Benzidine	19.818	184	9121	2.407	ng	95

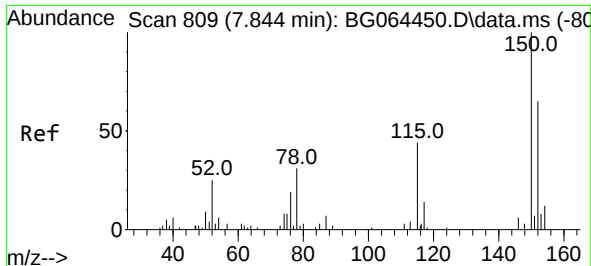
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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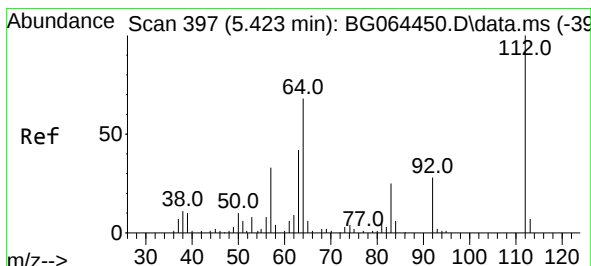
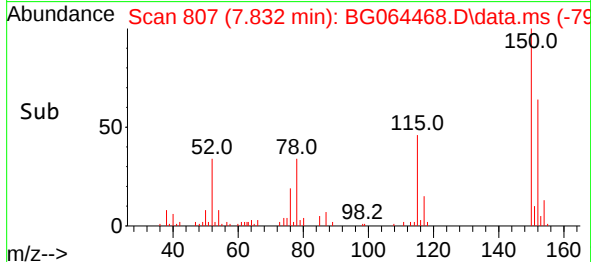
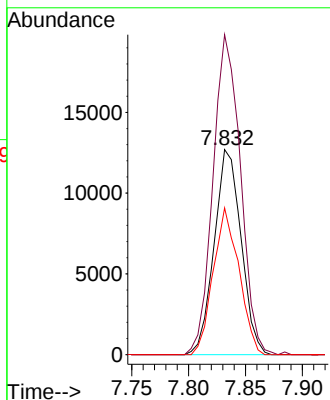
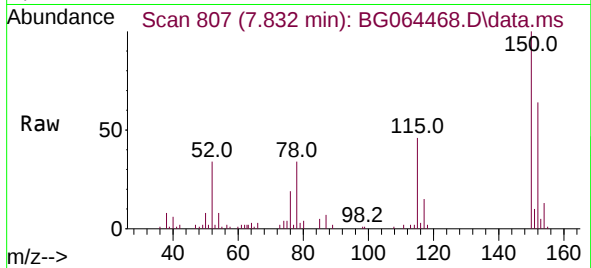




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.832 min Scan# 809
Delta R.T. -0.012 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

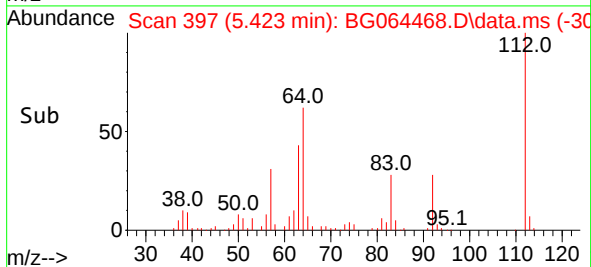
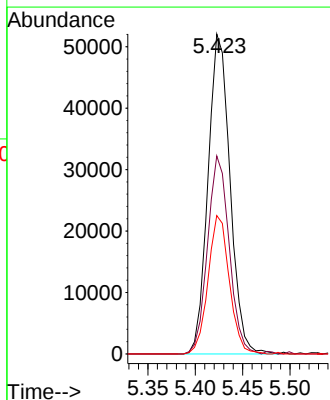
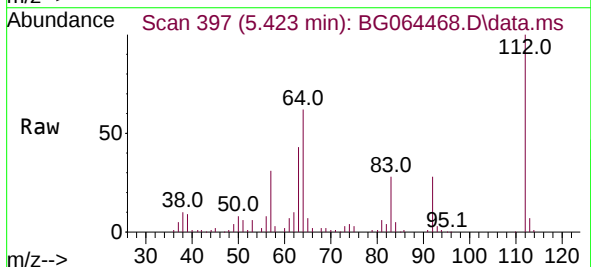
Instrument :
BNA_G
ClientSampleId :
CONC-1

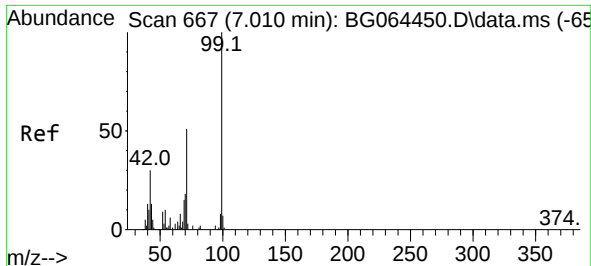
Tgt Ion:152 Resp: 20870
Ion Ratio Lower Upper
152 100
150 156.1 122.9 184.3
115 71.5 54.3 81.5



#5
2-Fluorophenol
Concen: 77.091 ng
RT: 5.423 min Scan# 397
Delta R.T. -0.001 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion:112 Resp: 84193
Ion Ratio Lower Upper
112 100
64 61.9 54.0 81.0
63 43.2 33.8 50.6

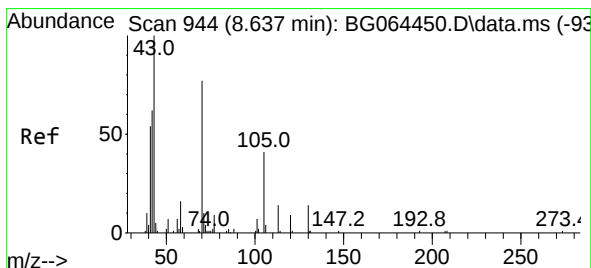
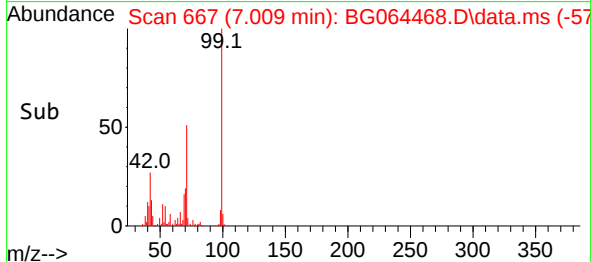
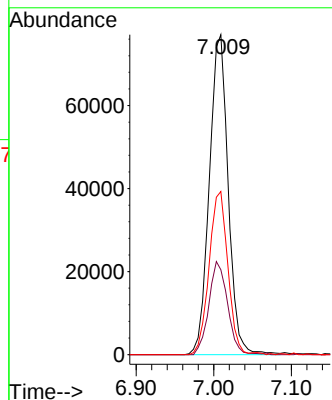
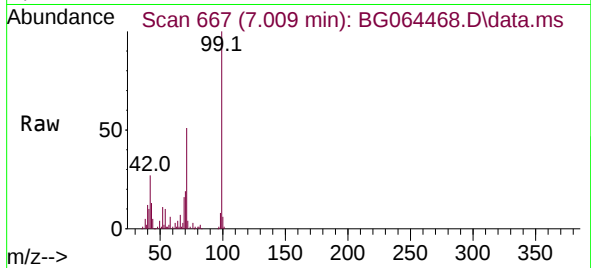




#7
Phenol-d6
Concen: 86.832 ng
RT: 7.009 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

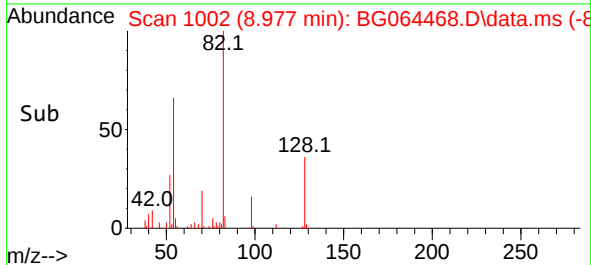
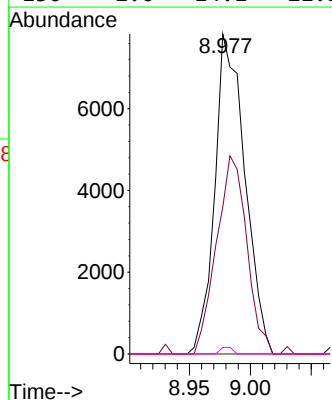
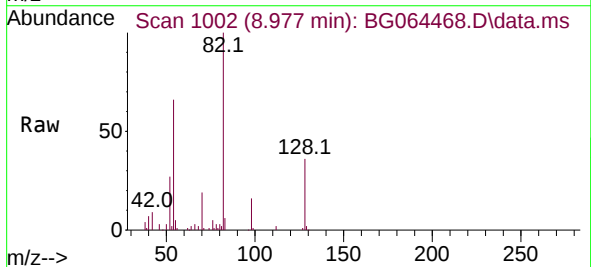
Instrument :
BNA_G
ClientSampleId :
CONC-1

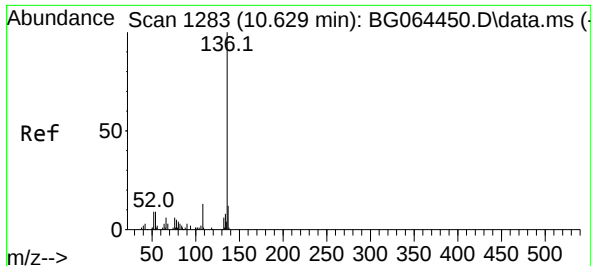
Tgt Ion: 99 Resp: 129918
Ion Ratio Lower Upper
99 100
42 26.5 24.0 36.0
71 51.0 40.5 60.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.312 ng
RT: 8.977 min Scan# 1002
Delta R.T. 0.340 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion: 70 Resp: 13463
Ion Ratio Lower Upper
70 100
42 45.8 65.6 98.4#
101 0.0 7.7 11.5#
130 2.0 14.1 21.1#

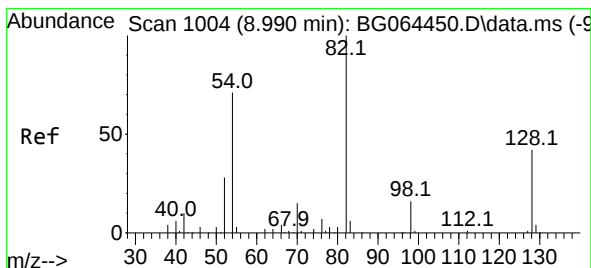
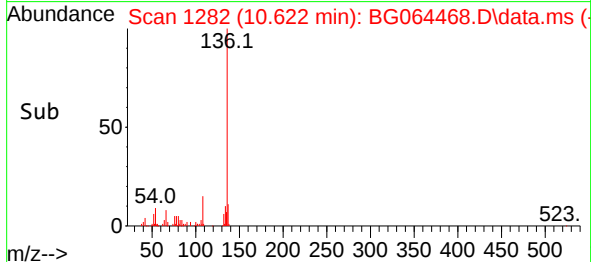
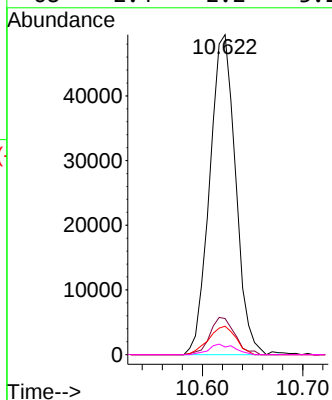
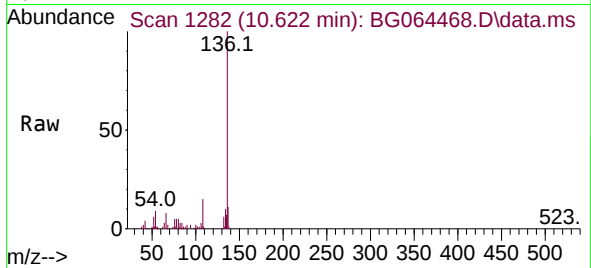




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

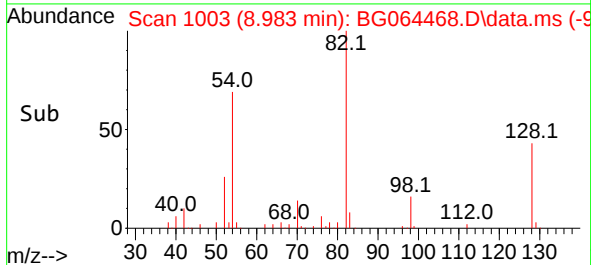
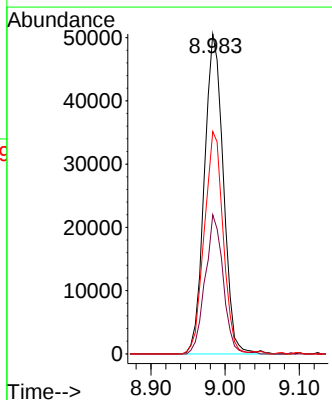
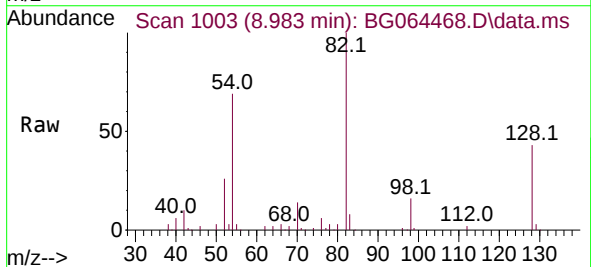
Instrument :
BNA_G
ClientSampleId :
CONC-1

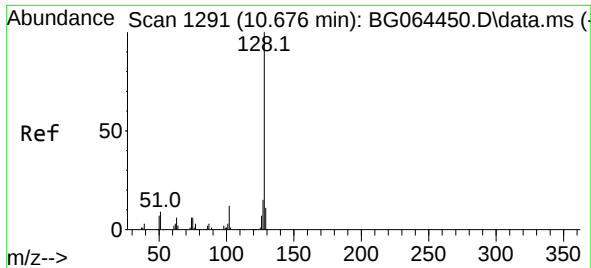
Tgt Ion:	136	Resp:	88815
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.6	14.4
54	9.5	7.4	11.2
68	2.4	2.2	3.2



#23
Nitrobenzene-d5
Concen: 54.732 ng
RT: 8.983 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion:	82	Resp:	89696
Ion Ratio	Lower	Upper	
82	100		
128	43.5	33.7	50.5
54	69.5	57.0	85.6

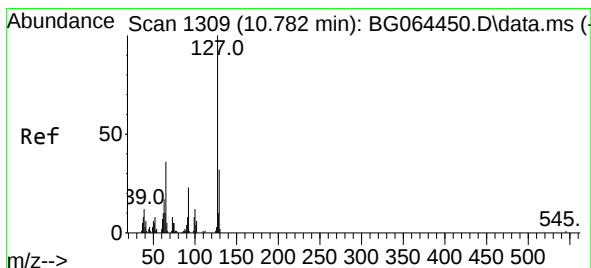
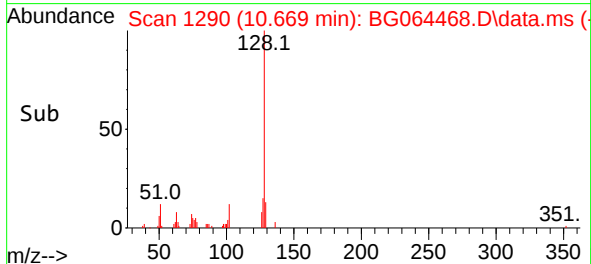
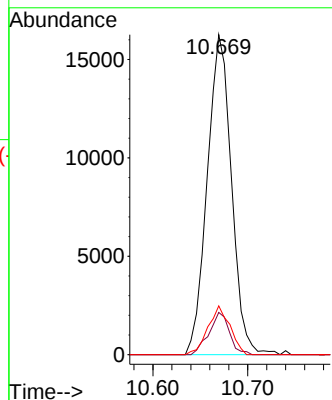
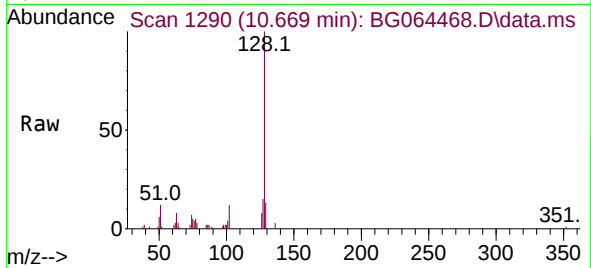




#31
Naphthalene
Concen: 6.232 ng
RT: 10.669 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

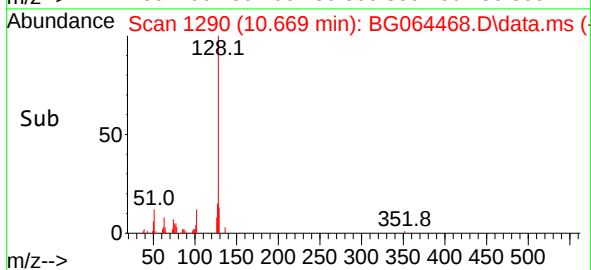
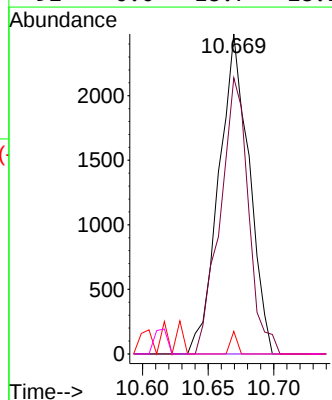
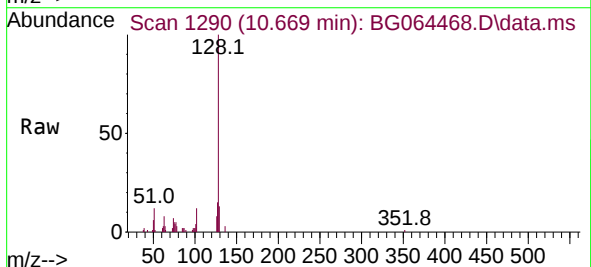
Instrument :
BNA_G
ClientSampleId :
CONC-1

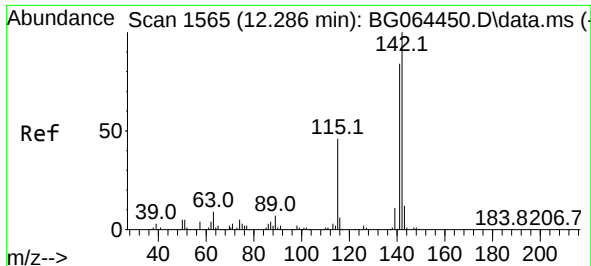
Tgt Ion:128	Resp:	28894
Ion Ratio	Lower	Upper
128	100	
129	13.2	9.2 13.8
127	15.2	12.1 18.1



#33
4-Chloroaniline
Concen: 2.349 ng
RT: 10.669 min Scan# 1290
Delta R.T. -0.112 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion:127	Resp:	3984
Ion Ratio	Lower	Upper
127	100	
129	86.3	25.7 38.5#
65	7.0	28.6 43.0#
92	0.0	18.7 28.1#





#37

2-Methylnaphthalene

Concen: 2.308 ng

RT: 12.279 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG064468.D

Acq: 29 Sep 2025 20:41

Instrument :

BNA_G

ClientSampleId :

CONC-1

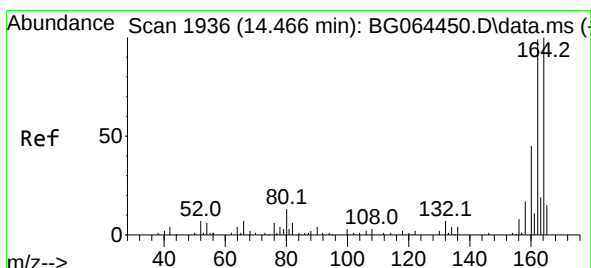
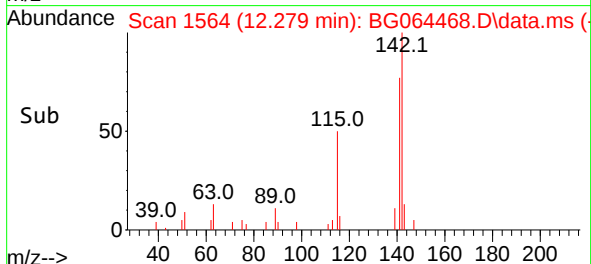
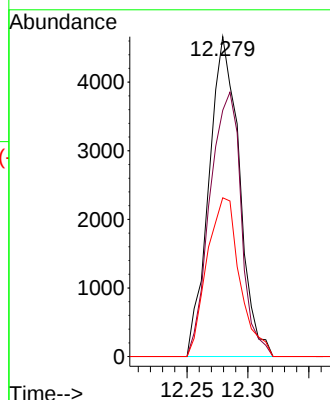
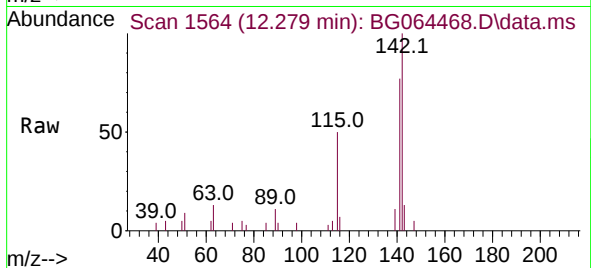
Tgt Ion:142 Resp: 8080

Ion Ratio Lower Upper

142 100

141 77.0 67.3 100.9

115 49.6 37.0 55.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.459 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BG064468.D

Acq: 29 Sep 2025 20:41

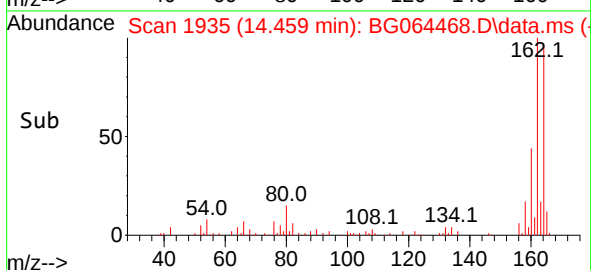
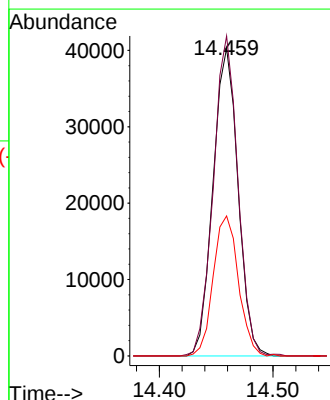
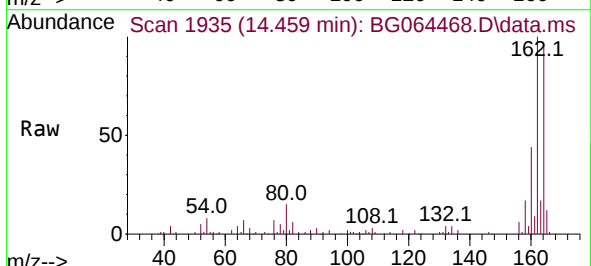
Tgt Ion:164 Resp: 61415

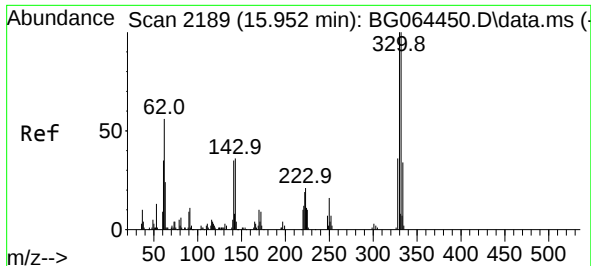
Ion Ratio Lower Upper

164 100

162 104.0 79.0 118.4

160 45.5 36.3 54.5

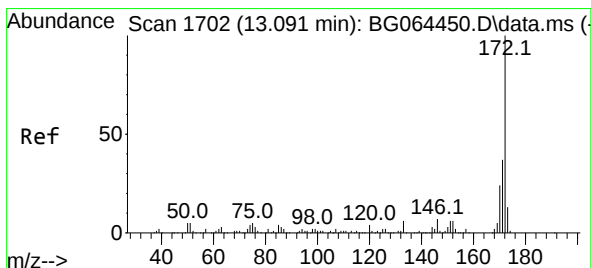
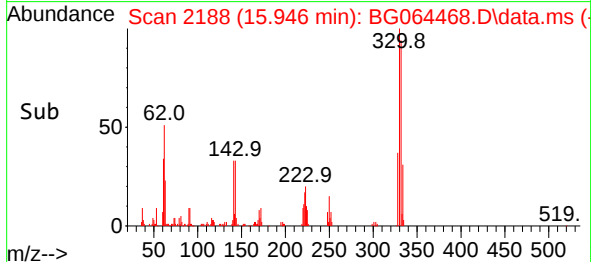
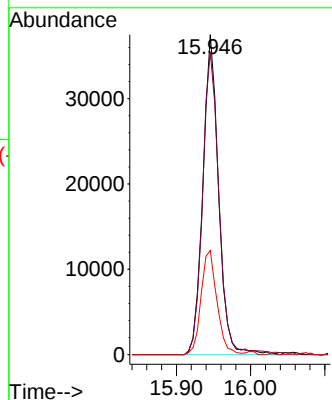
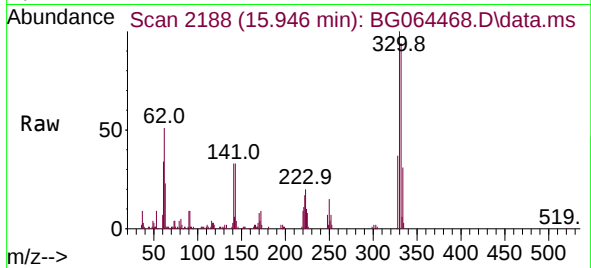




#42
2,4,6-Tribromophenol
Concen: 51.444 ng
RT: 15.946 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

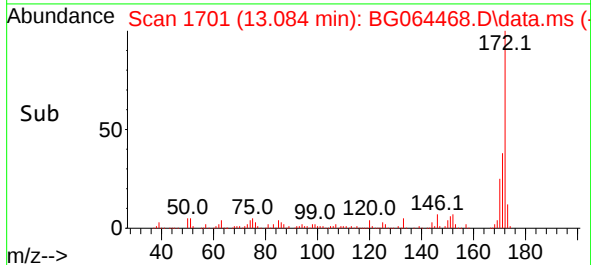
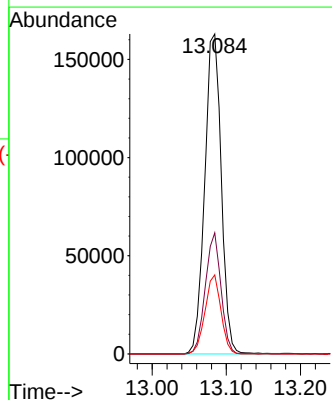
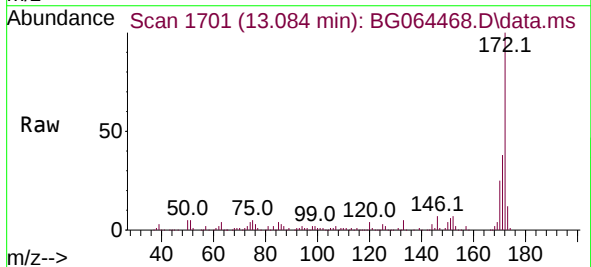
Instrument :
BNA_G
ClientSampleId :
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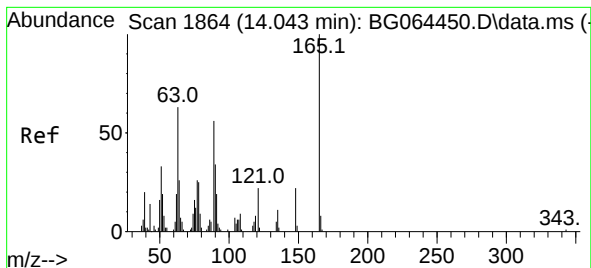
Tgt Ion:330 Resp: 55156
Ion Ratio Lower Upper
330 100
332 98.1 78.8 118.2
141 32.9 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 60.680 ng
RT: 13.084 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion:172 Resp: 252375
Ion Ratio Lower Upper
172 100
171 37.8 29.4 44.2
170 24.7 18.9 28.3

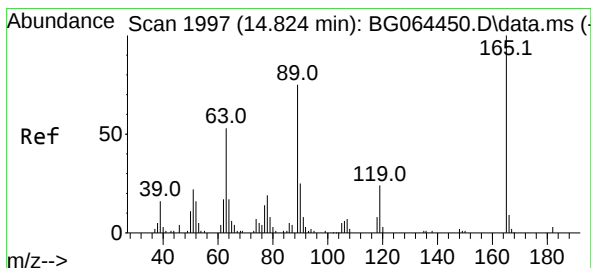
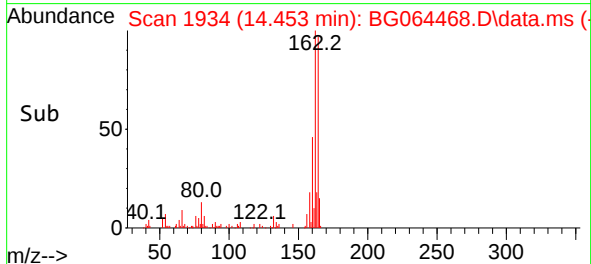
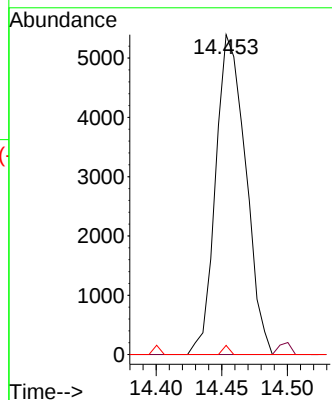
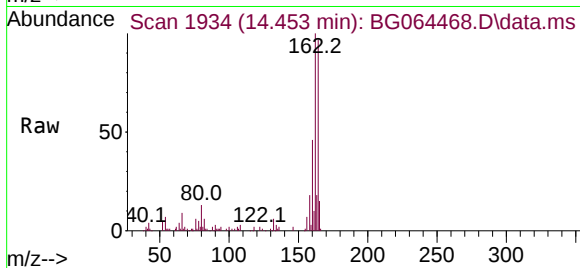




#51
2,6-Dinitrotoluene
Concen: 8.685 ng
RT: 14.453 min Scan# 1934
Delta R.T. 0.411 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

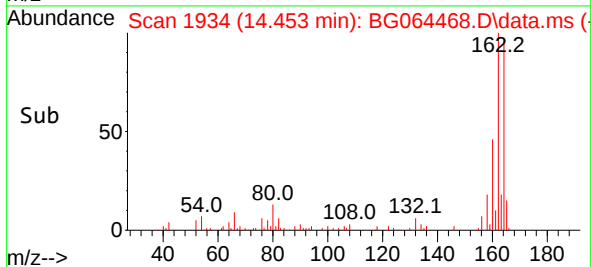
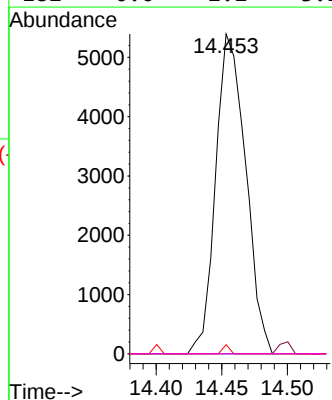
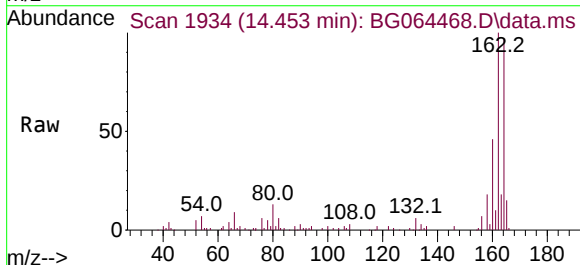
Instrument :
BNA_G
ClientSampleId :
CONC-1

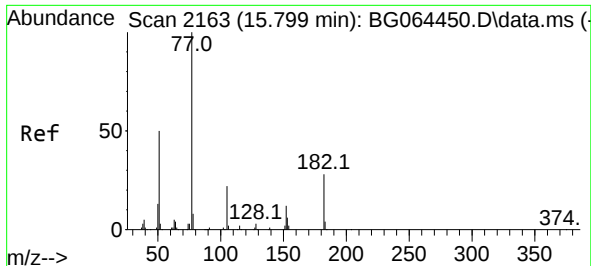
Tgt Ion:165 Resp: 8559
Ion Ratio Lower Upper
165 100
63 0.0 50.6 75.8#
89 2.9 44.6 67.0#



#57
2,4-Dinitrotoluene
Concen: 5.689 ng
RT: 14.453 min Scan# 1934
Delta R.T. -0.371 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion:165 Resp: 8559
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 2.9 59.7 89.5#
182 0.0 2.2 3.2#

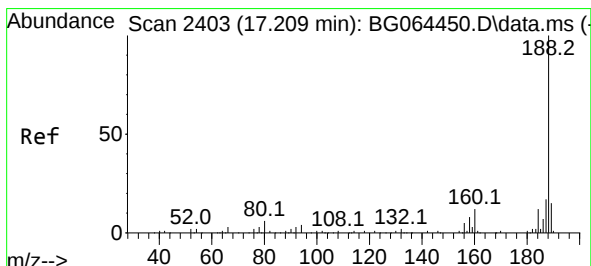
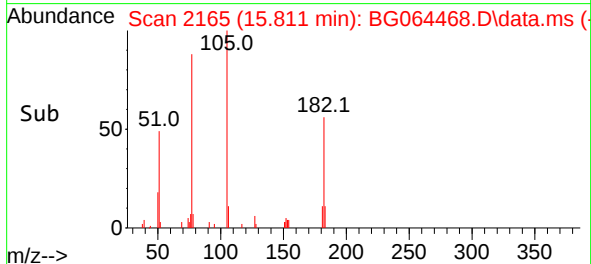
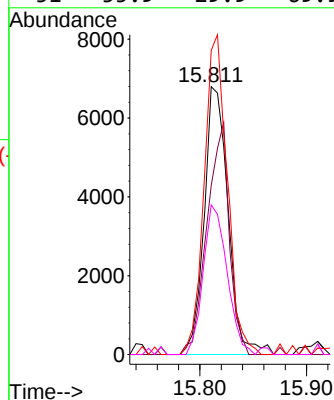
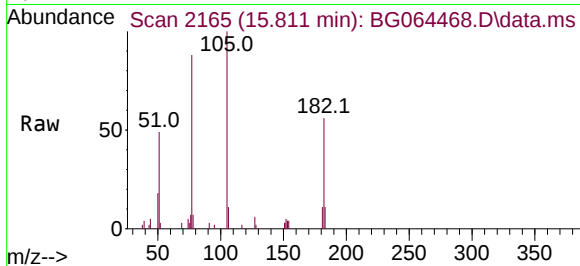




#63
Azobenzene
Concen: 2.687 ng
RT: 15.811 min Scan# 2163
Delta R.T. 0.011 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

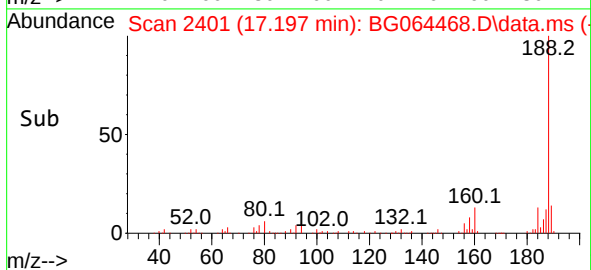
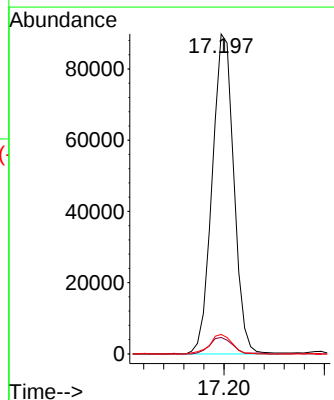
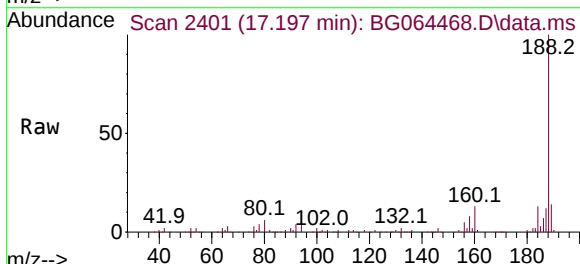
Instrument :
BNA_G
ClientSampleId :
CONC-1

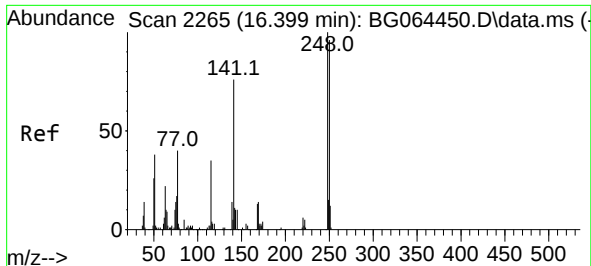
Tgt Ion: 77	Resp: 10628
Ion Ratio	Lower Upper
77 100	
182 63.1	8.1 48.1#
105 113.5	1.9 41.9#
51 55.9	29.9 69.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion: 188	Resp: 134730
Ion Ratio	Lower Upper
188 100	
94 5.1	3.0 4.4#
80 6.1	4.9 7.3

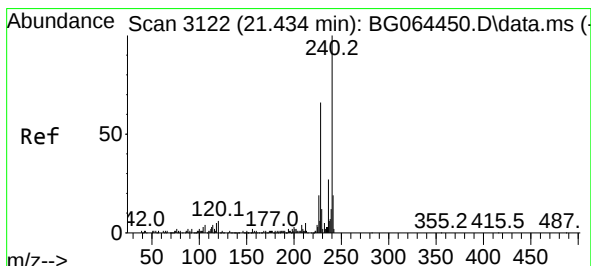
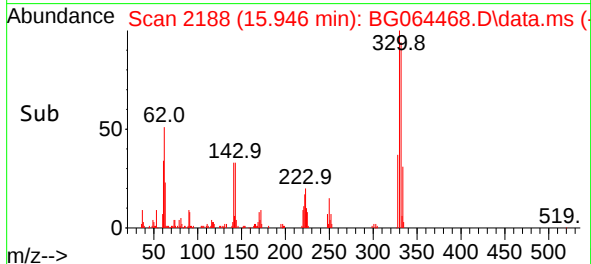
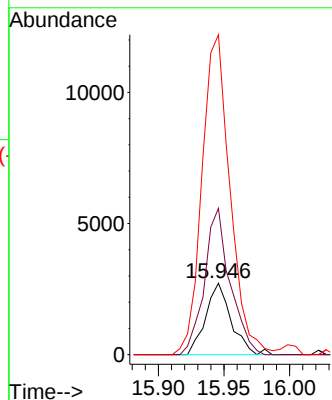
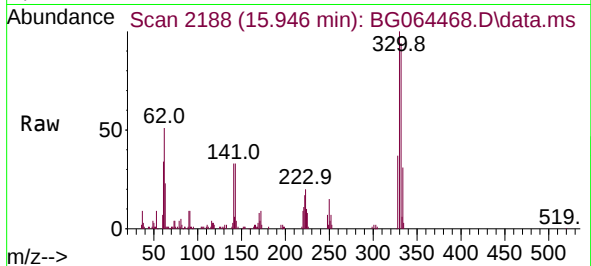




#67
4-Bromophenyl-phenylether
Concen: 2.334 ng
RT: 15.946 min Scan# 211
Delta R.T. -0.453 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

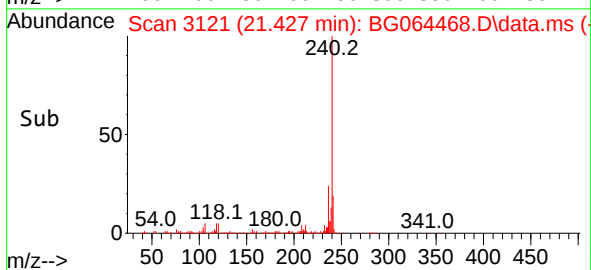
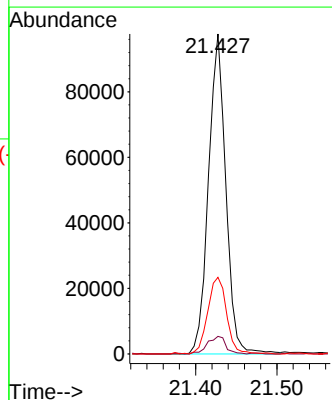
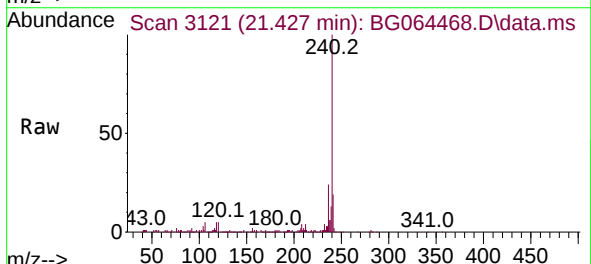
Instrument :
BNA_G
ClientSampleId :
CONC-1

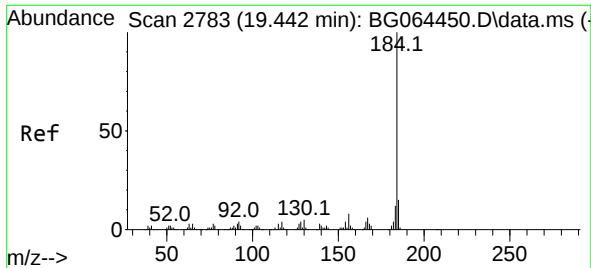
Tgt Ion:248 Resp: 3684
Ion Ratio Lower Upper
248 100
250 204.7 77.0 115.6#
141 447.5 61.1 91.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

Tgt Ion:240 Resp: 144729
Ion Ratio Lower Upper
240 100
120 5.5 5.0 7.4
236 23.9 21.9 32.9

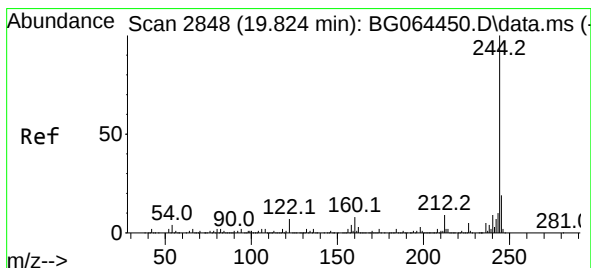
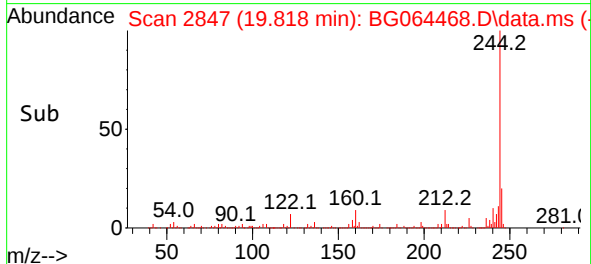
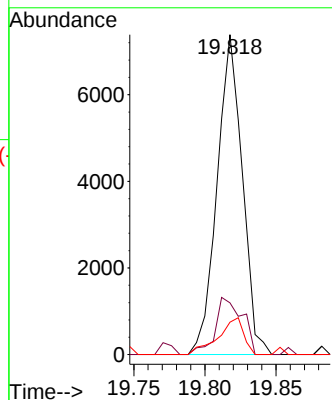
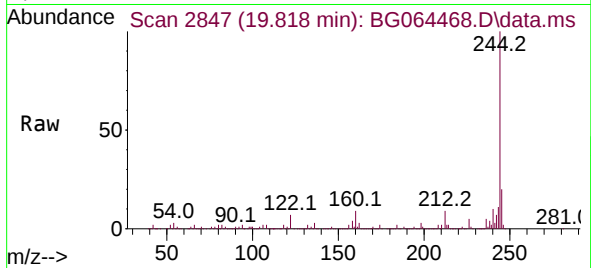




#77
Benzidine
Concen: 2.407 ng
RT: 19.818 min Scan# 2847
Delta R.T. 0.375 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

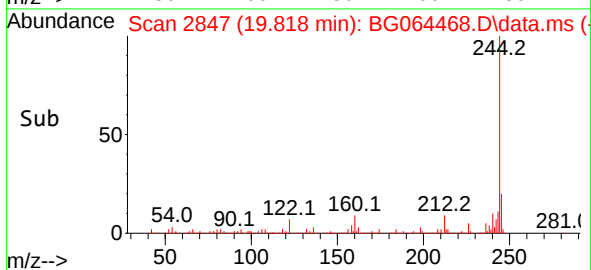
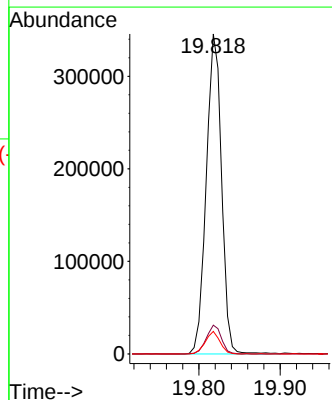
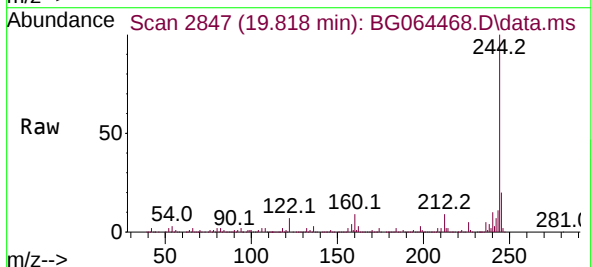
Instrument :
BNA_G
ClientSampleId :
CONC-1

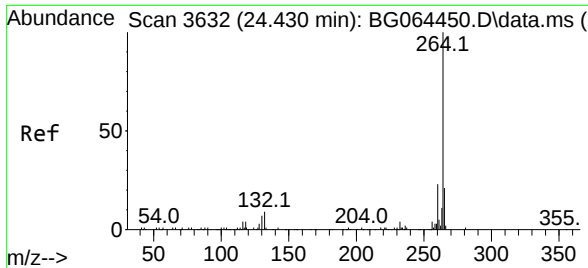
Tgt Ion:184 Resp: 9121
Ion Ratio Lower Upper
184 100
185 16.1 11.7 17.5
183 10.1 10.0 15.0



#79
Terphenyl-d14
Concen: 61.579 ng
RT: 19.818 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

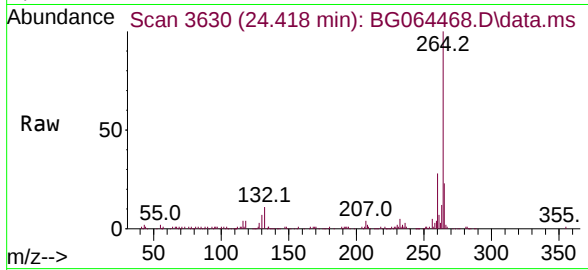
Tgt Ion:244 Resp: 452102
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 7.0 5.7 8.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.418 min Scan# 3630
 Delta R.T. -0.012 min
 Lab File: BG064468.D
 Acq: 29 Sep 2025 20:41

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1



Tgt Ion:264 Resp: 161683

Ion	Ratio	Lower	Upper
264	100		
260	28.1	18.6	27.8#
265	23.0	16.7	25.1

