

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)

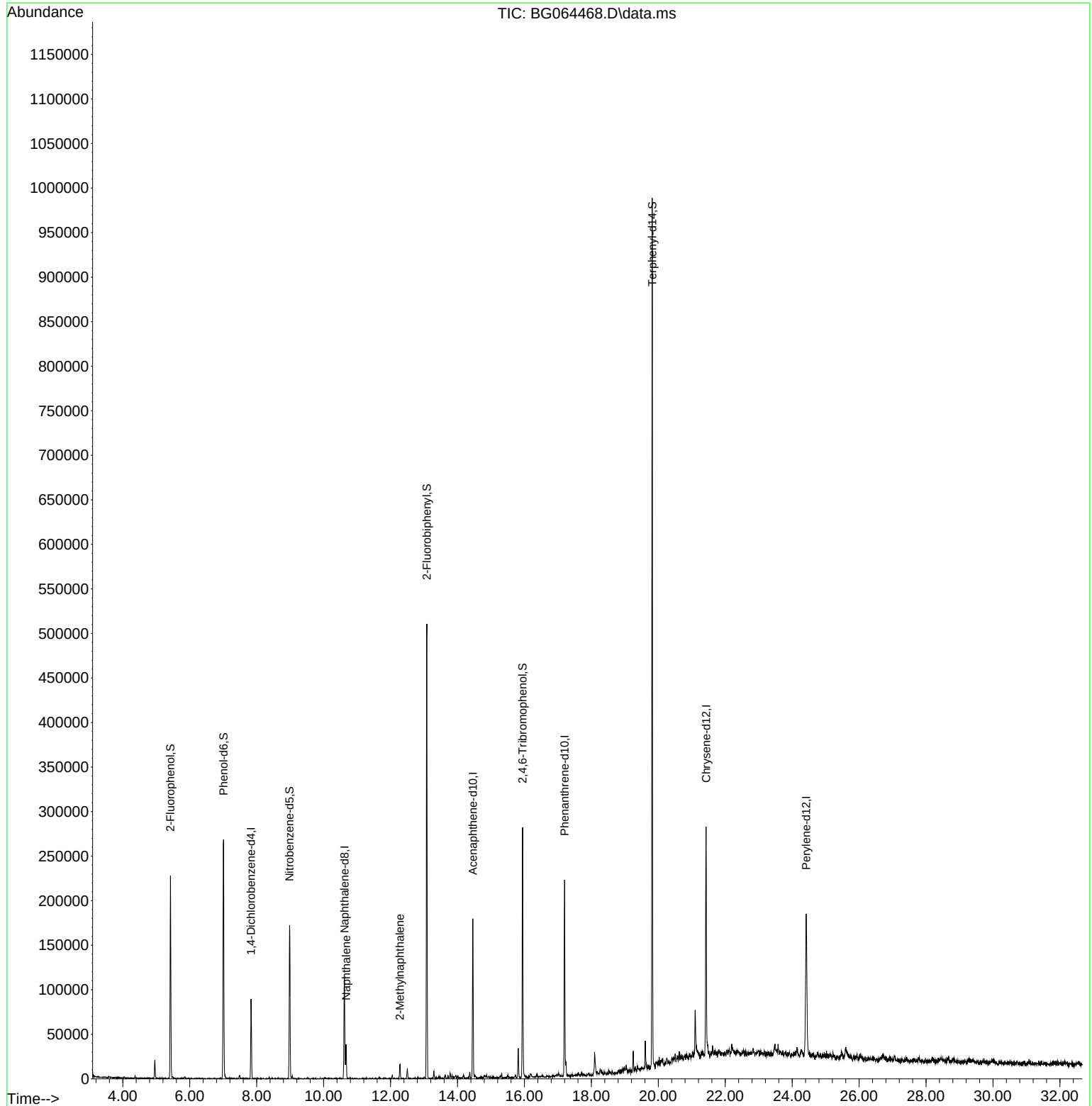
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	20870	20.000	ng	-0.01
21) Naphthalene-d8	10.622	136	88815	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	61415	20.000	ng	0.00
64) Phenanthrene-d10	17.197	188	134730	20.000	ng	#-0.01
76) Chrysene-d12	21.427	240	144729	20.000	ng	0.00
86) Perylene-d12	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
31) Naphthalene	10.669	128	28894	6.232	ng	98
37) 2-Methylnaphthalene	12.279	142	8080	2.308	ng	93

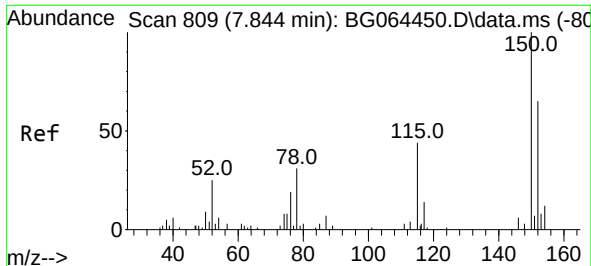
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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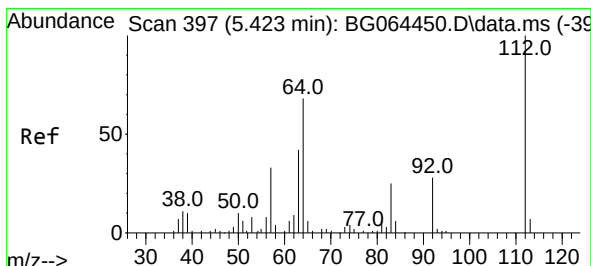
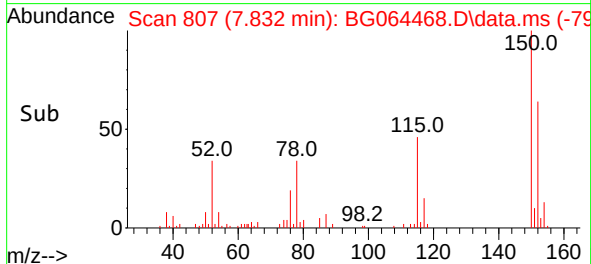
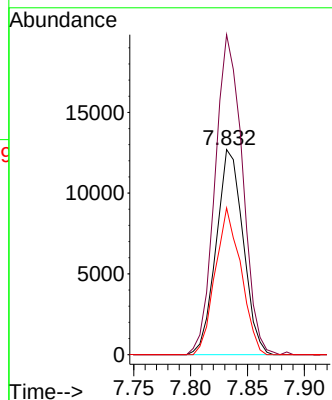
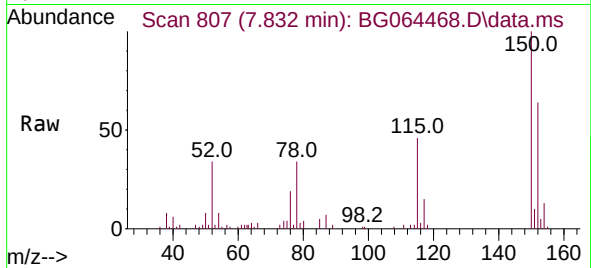




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.832 min Scan# 809
Delta R.T. -0.012 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

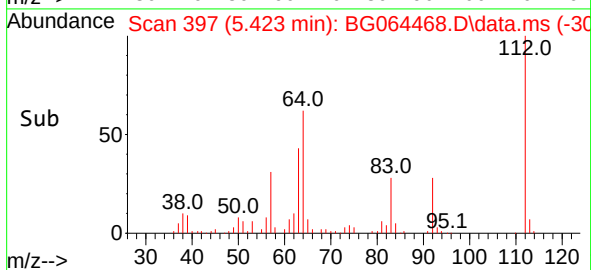
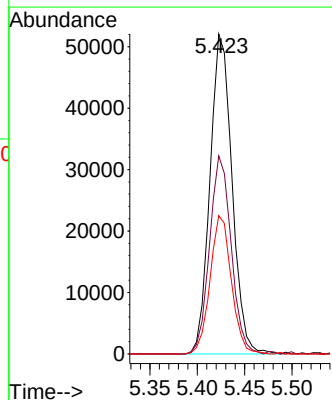
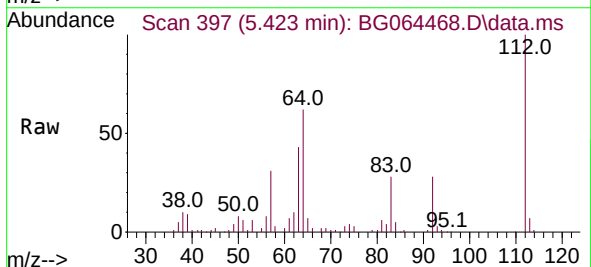
Instrument :
BNA_G
ClientSampleId :
CONC-1

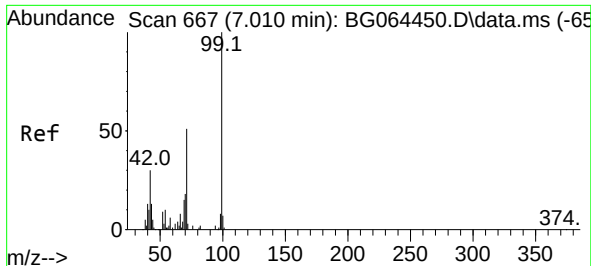
Tgt Ion:152 Resp: 20870
Ion Ratio Lower Upper
152 100
150 156.1 122.9 184.3
115 71.5 54.3 81.5



#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

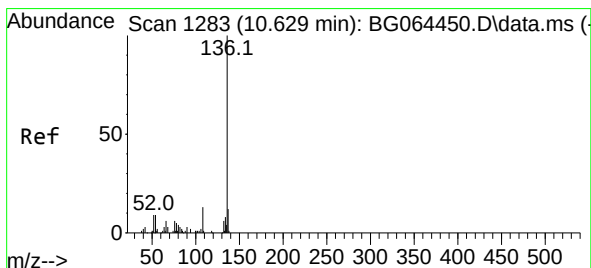
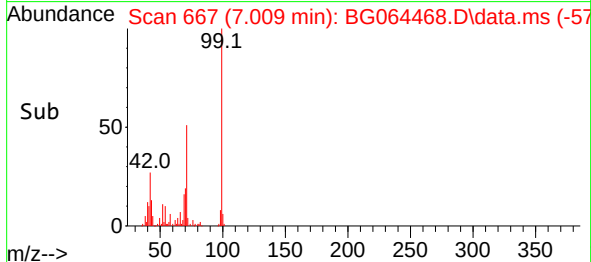
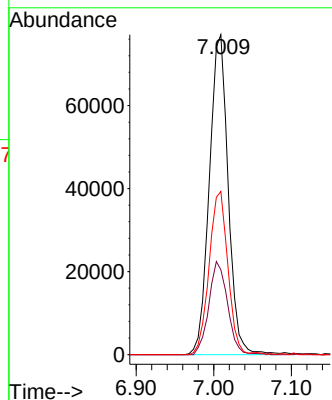
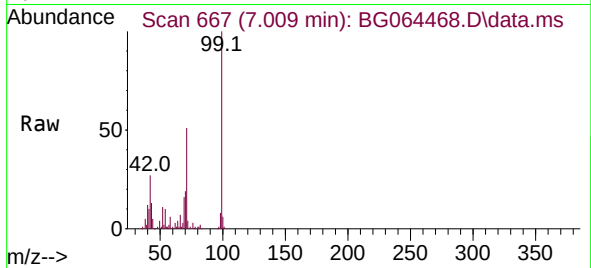




#7
Phenol-d6
Concen: 86.832 ng
RT: 7.009 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

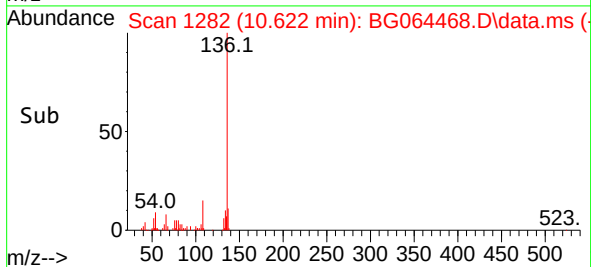
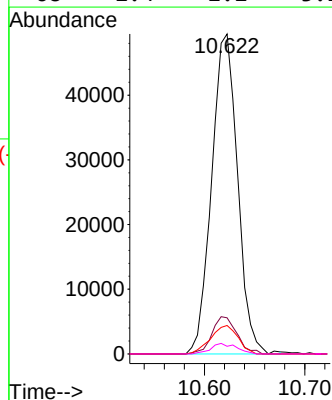
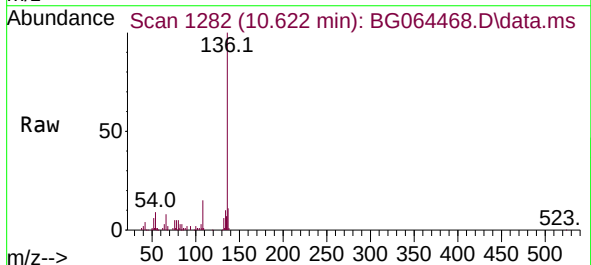
Instrument :
BNA_G
ClientSampleId :
CONC-1

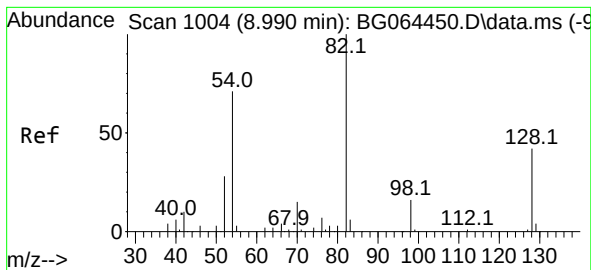
Tgt Ion: 99 Resp: 129918
Ion Ratio Lower Upper
99 100
42 26.5 24.0 36.0
71 51.0 40.5 60.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

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

Instrument :

BNA_G

ClientSampleId :

CONC-1

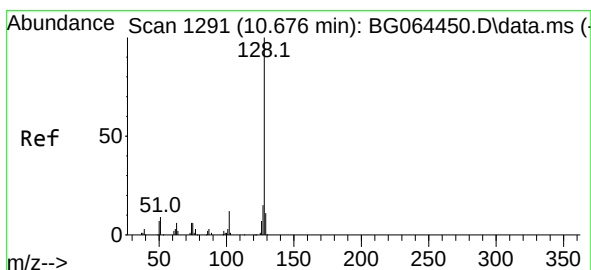
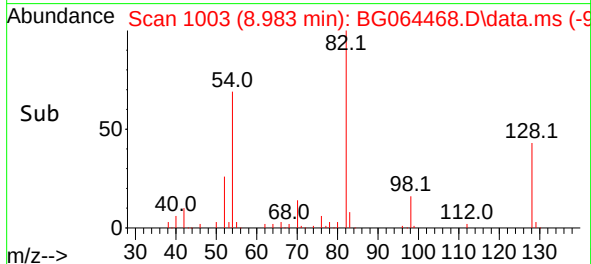
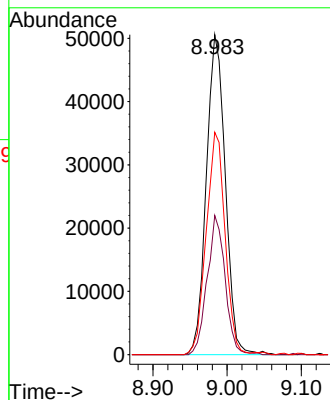
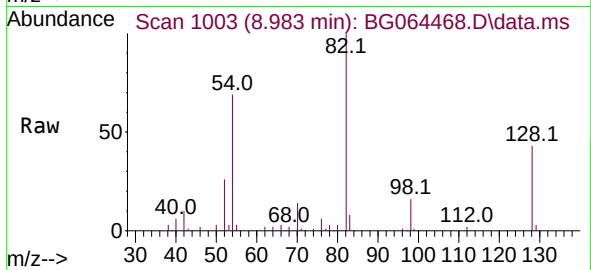
Tgt Ion: 82 Resp: 89696

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

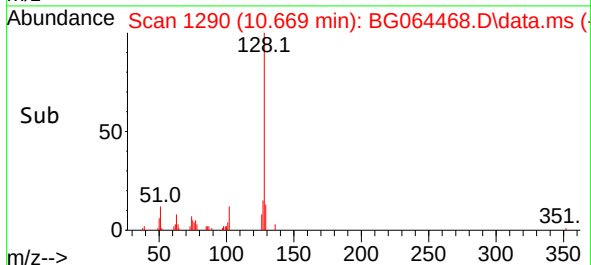
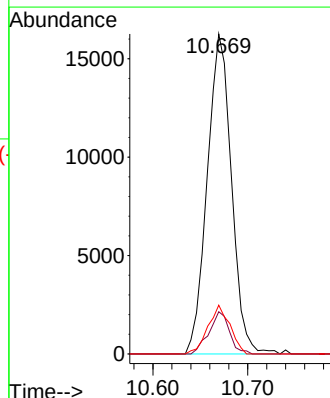
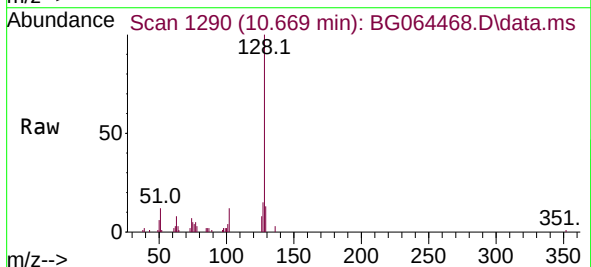
Tgt Ion: 128 Resp: 28894

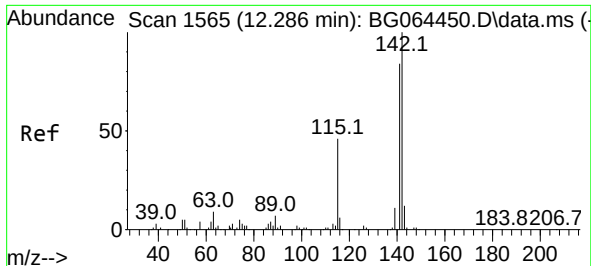
Ion Ratio Lower Upper

128 100

129 13.2 9.2 13.8

127 15.2 12.1 18.1





#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

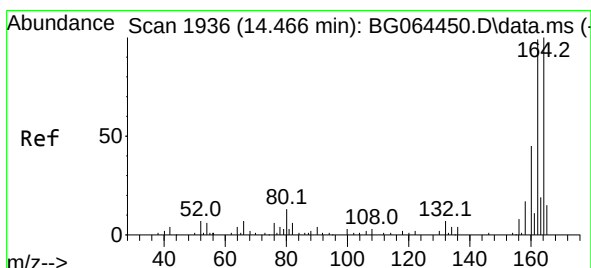
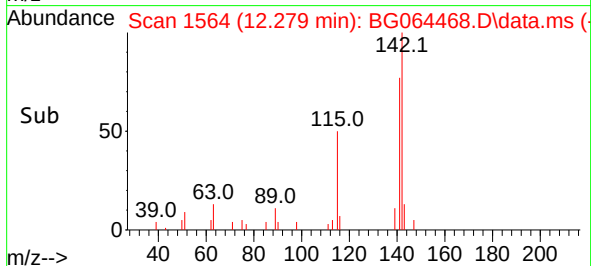
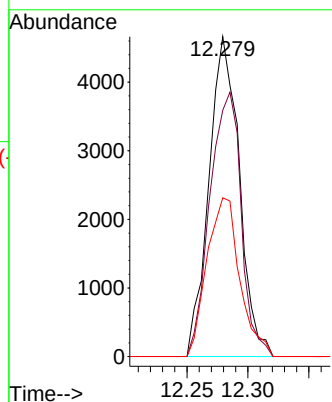
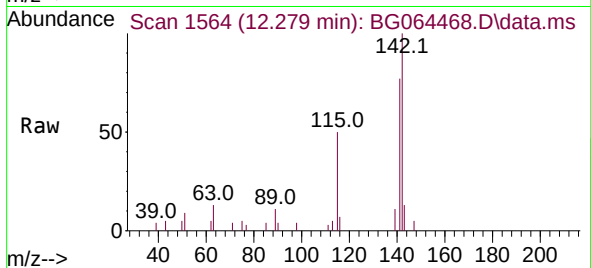
Tgt Ion:142 Resp: 8080

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

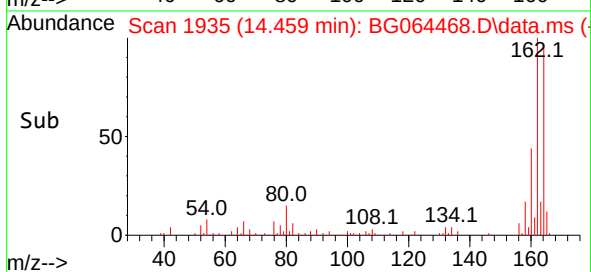
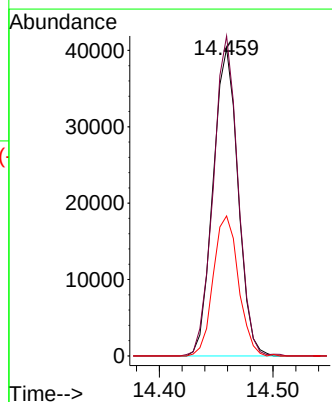
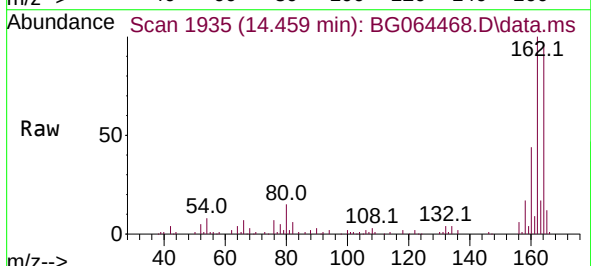
Tgt Ion:164 Resp: 61415

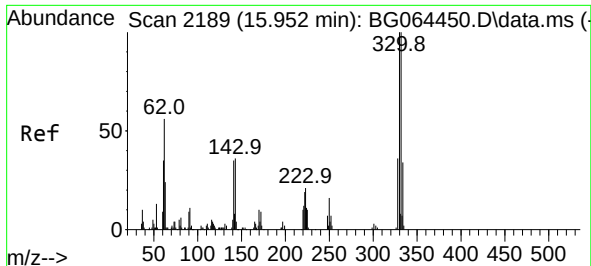
Ion Ratio Lower Upper

164 100

162 104.0 79.0 118.4

160 45.5 36.3 54.5

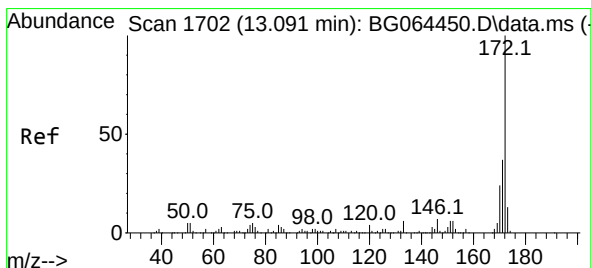
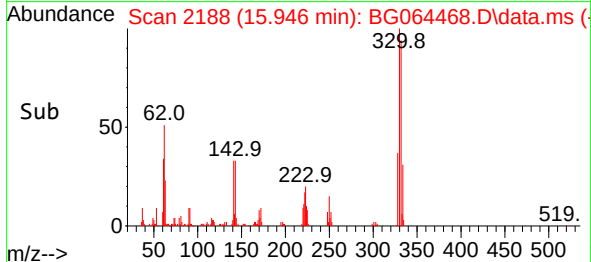
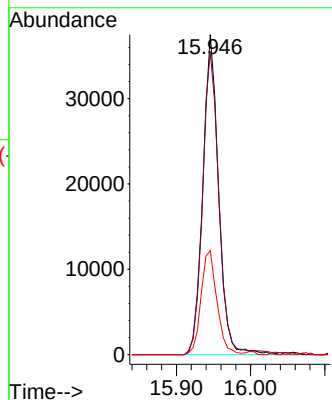
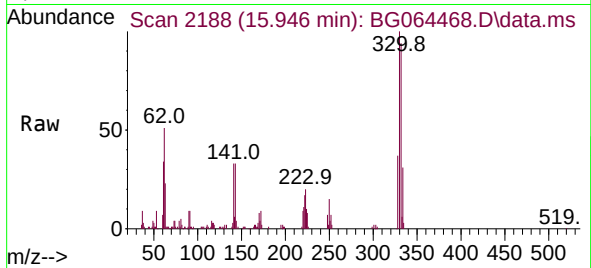




#42
2,4,6-Tribromophenol
Concen: 51.444 ng
RT: 15.946 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

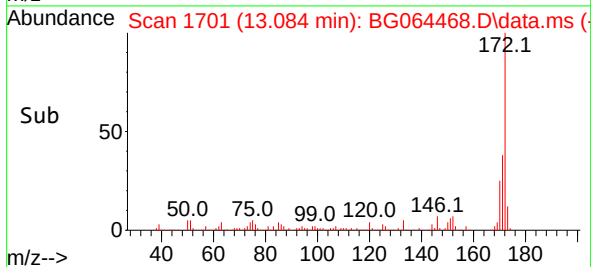
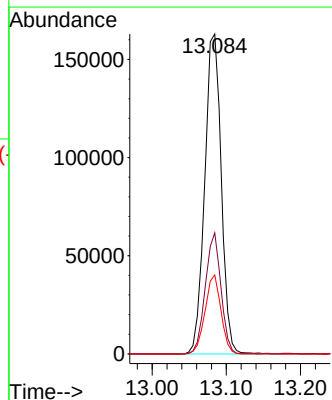
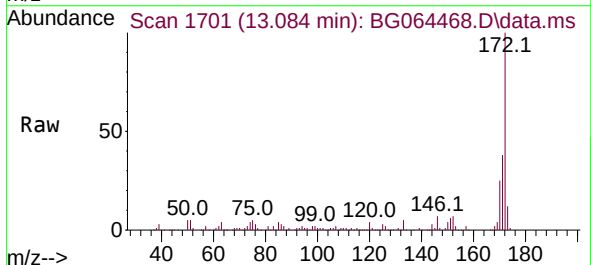
Instrument :
BNA_G
ClientSampleId :
CONC-1

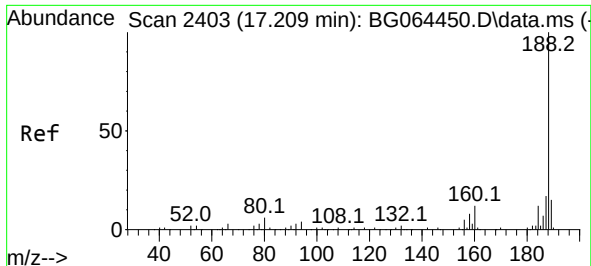
Tgt Ion:330 Resp: 55156
Ion Ratio Lower Upper
330 100
332 98.1 78.8 118.2
141 32.9 27.3 40.9



#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

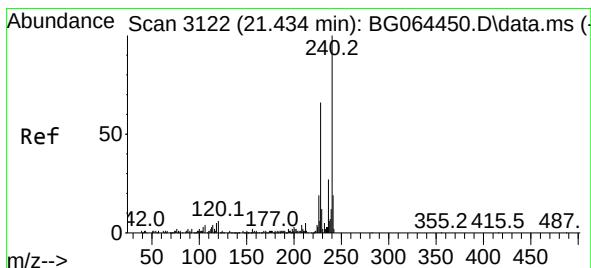
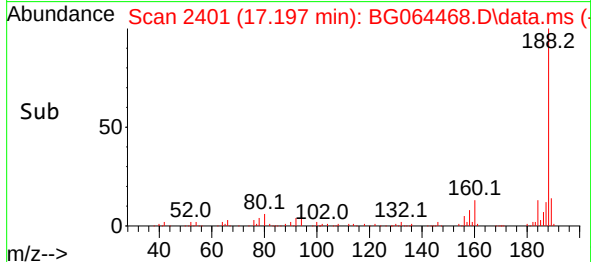
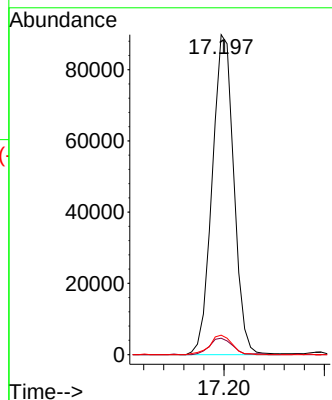
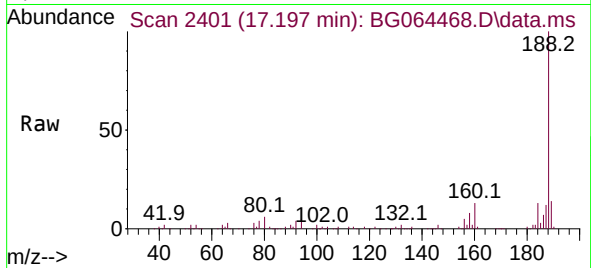




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BG064468.D
Acq: 29 Sep 2025 20:41

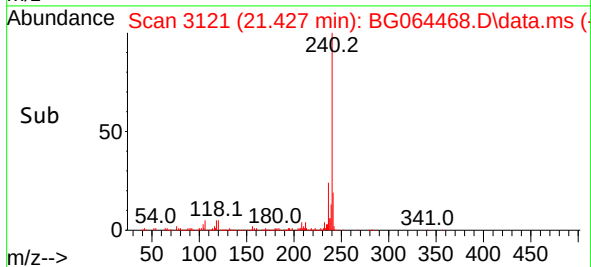
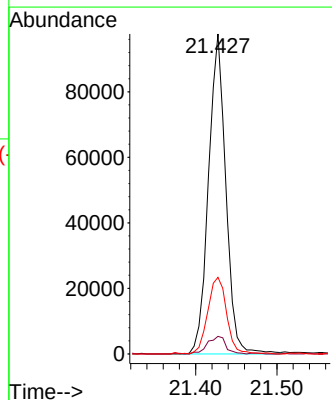
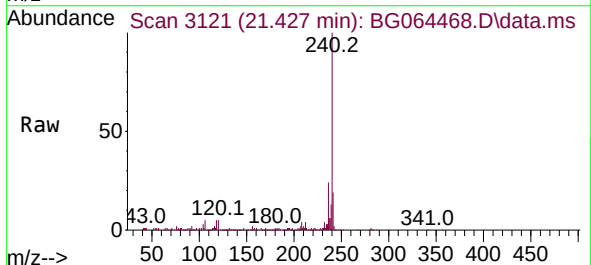
Instrument :
BNA_G
ClientSampleId :
CONC-1

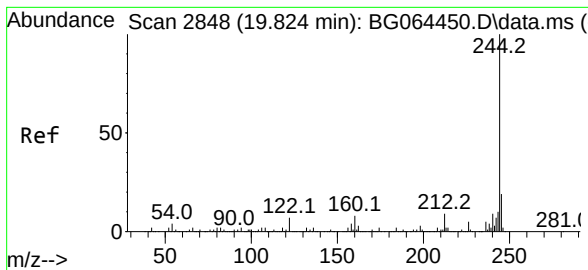
Tgt Ion:188 Resp: 134730
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.4#
80 6.1 4.9 7.3



#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





#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

Instrument :

BNA_G

ClientSampleId :

CONC-1

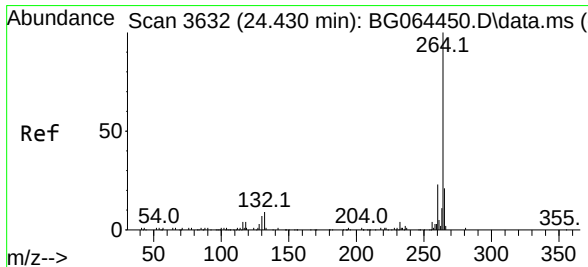
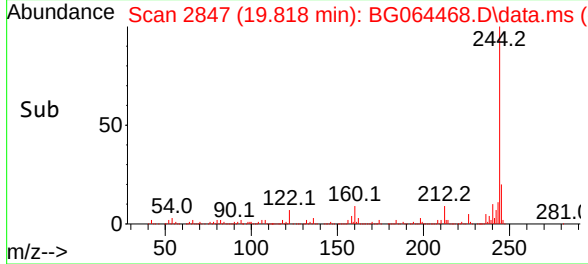
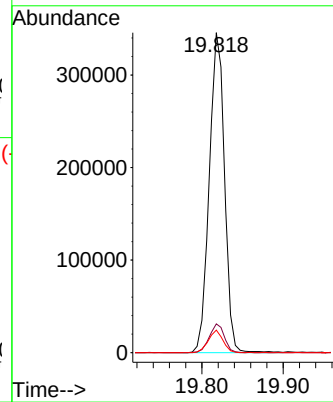
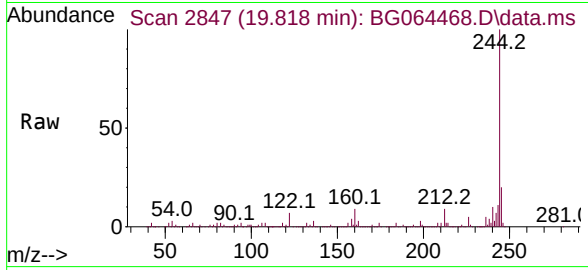
Tgt Ion:244 Resp: 452102

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

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

