

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064461.D
 Acq On : 29 Sep 2025 15:53
 Operator : RC/JU
 Sample : Q3208-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-ESM-COMP-02

Quant Time: Sep 29 18:14:10 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	7.835	152	19890	20.000	ng	0.00
21) Naphthalene-d8	10.620	136	86049	20.000	ng	# 0.00
39) Acenaphthene-d10	14.456	164	59829	20.000	ng	0.00
64) Phenanthrene-d10	17.200	188	136856	20.000	ng	# 0.00
76) Chrysene-d12	21.425	240	150916	20.000	ng	0.00
86) Perylene-d12	24.421	264	163304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.426	112	114445	109.954	ng	0.00
7) Phenol-d6	7.006	99	132653	93.028	ng	0.00
23) Nitrobenzene-d5	8.986	82	114568	72.156	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	133061	127.396	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	293339	72.399	ng	0.00
79) Terphenyl-d14	19.821	244	690542	90.200	ng	0.00

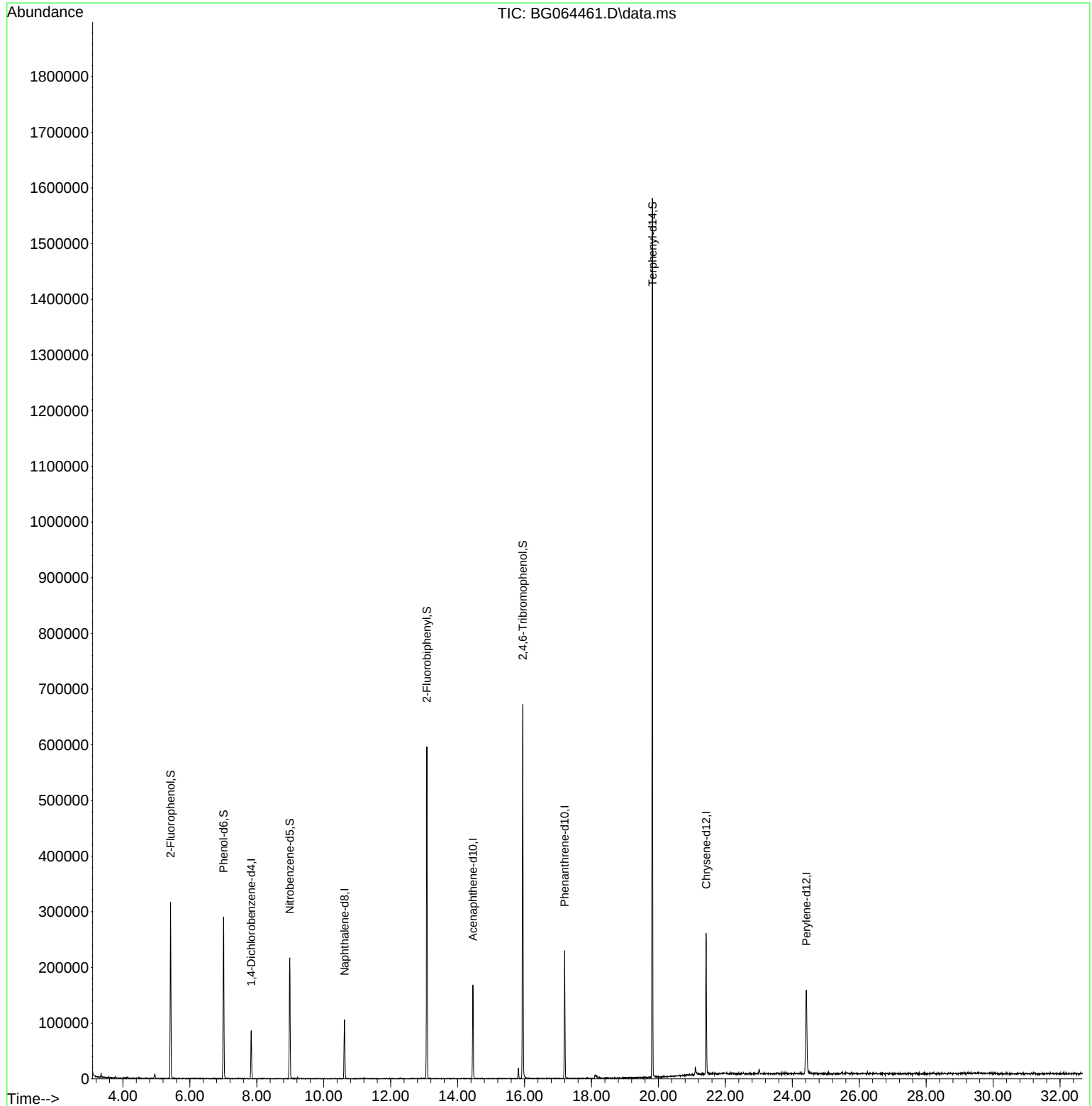
Target Compounds Qvalue

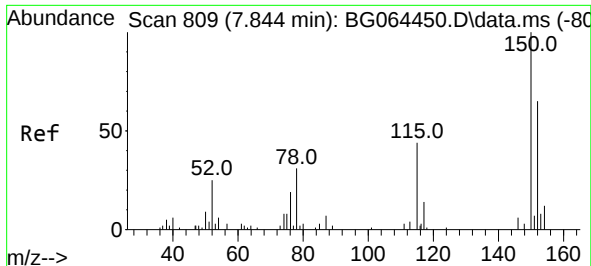
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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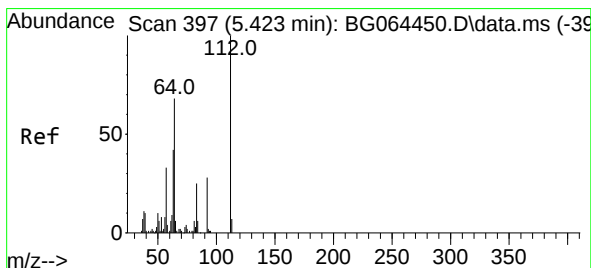
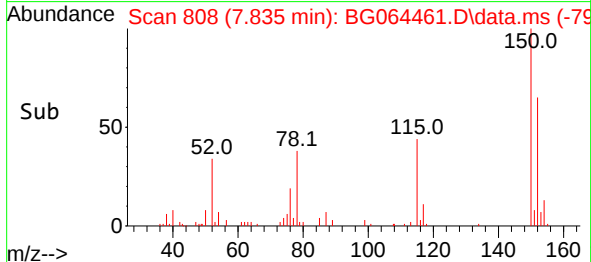
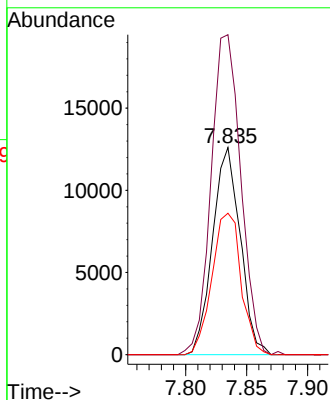
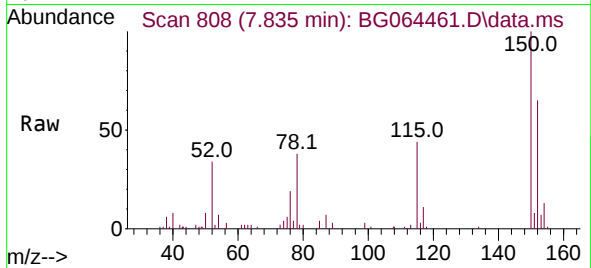




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.835 min Scan# 809
 Delta R.T. -0.009 min
 Lab File: BG064461.D
 Acq: 29 Sep 2025 15:53

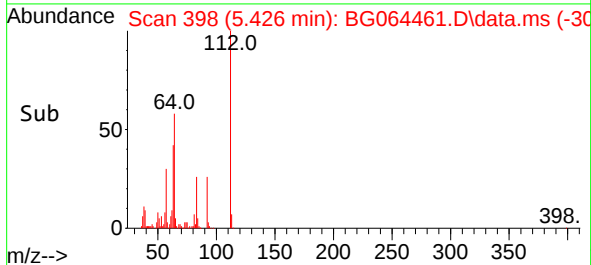
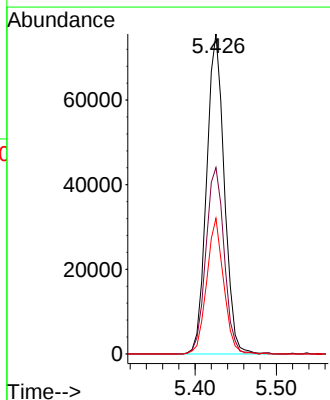
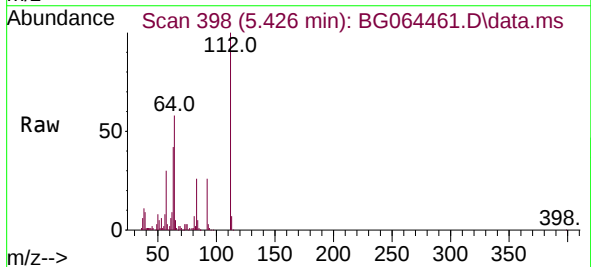
Instrument :
 BNA_G
 ClientSampleId :
 SU-ESM-COMP-02

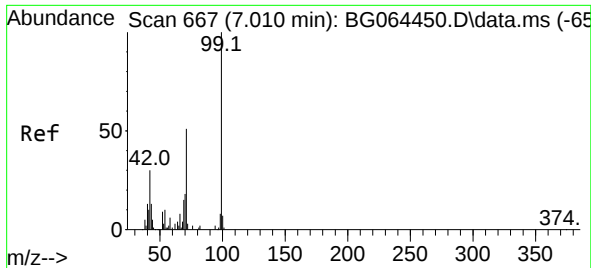
Tgt Ion:152 Resp: 19890
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.9 184.3
 115 68.3 54.3 81.5



#5
 2-Fluorophenol
 Concen: 109.954 ng
 RT: 5.426 min Scan# 398
 Delta R.T. 0.002 min
 Lab File: BG064461.D
 Acq: 29 Sep 2025 15:53

Tgt Ion:112 Resp: 114445
 Ion Ratio Lower Upper
 112 100
 64 58.2 54.0 81.0
 63 42.4 33.8 50.6

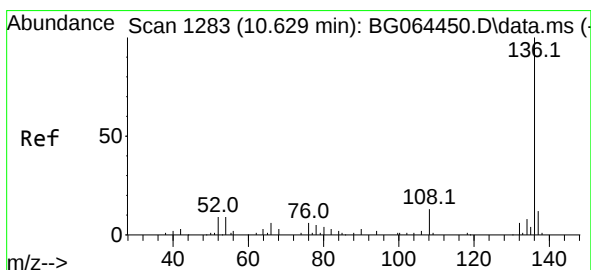
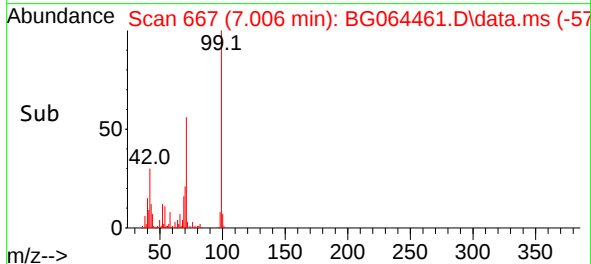
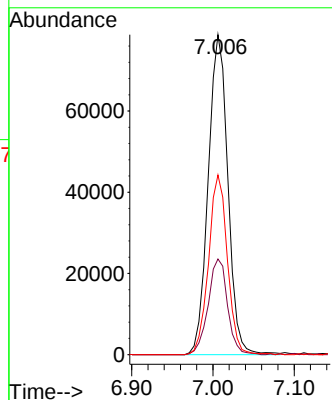
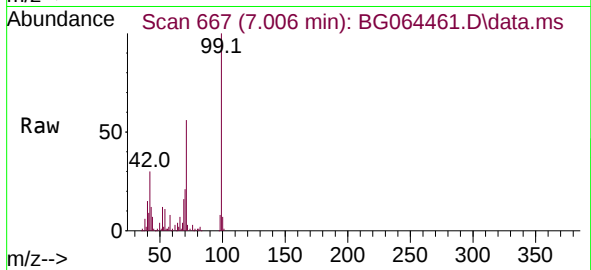




#7
Phenol-d6
Concen: 93.028 ng
RT: 7.006 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

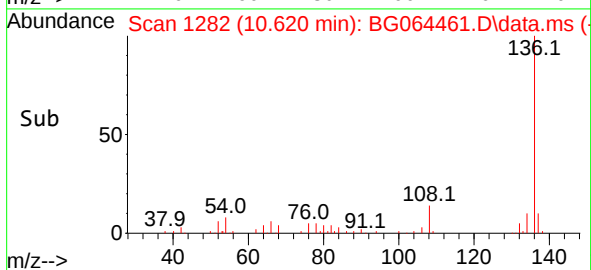
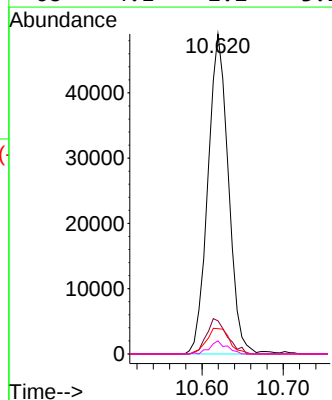
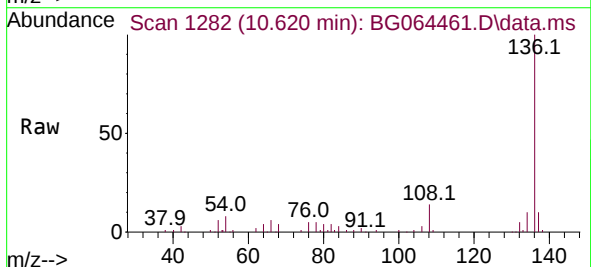
Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02

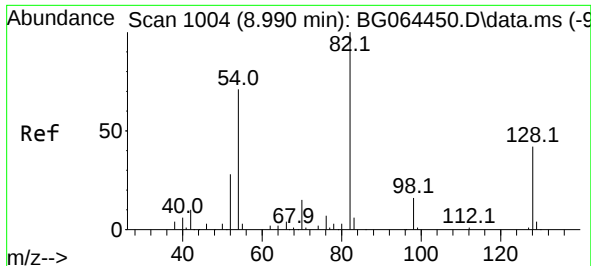
Tgt Ion: 99 Resp: 132653
Ion Ratio Lower Upper
99 100
42 29.9 24.0 36.0
71 56.1 40.5 60.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:136 Resp: 86049
Ion Ratio Lower Upper
136 100
137 10.3 9.6 14.4
54 7.9 7.4 11.2
68 4.1 2.2 3.2#





#23

Nitrobenzene-d5

Concen: 72.156 ng

RT: 8.986 min Scan# 1004

Delta R.T. -0.003 min

Lab File: BG064461.D

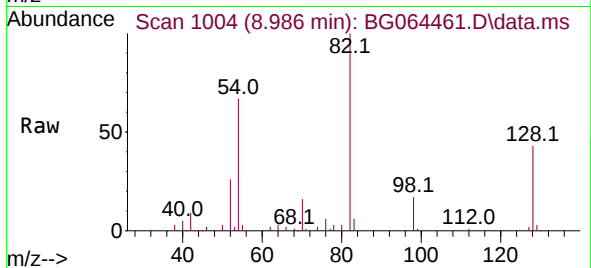
Acq: 29 Sep 2025 15:53

Instrument :

BNA_G

ClientSampleId :

SU-ESM-COMP-02



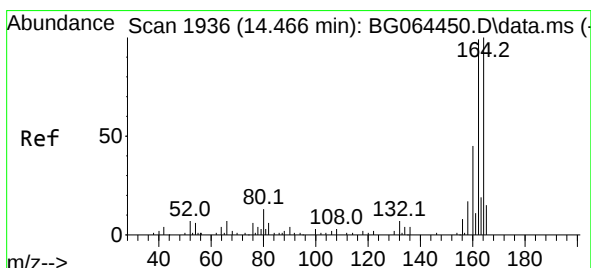
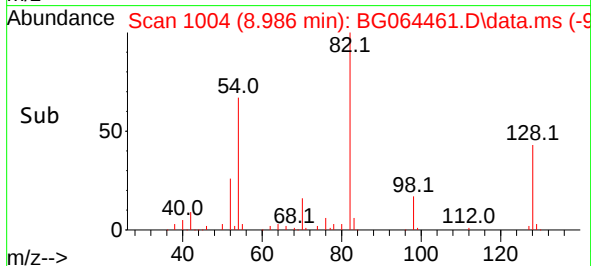
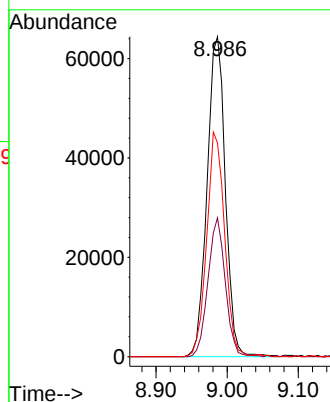
Tgt Ion: 82 Resp: 114568

Ion Ratio Lower Upper

82 100

128 43.4 33.7 50.5

54 66.8 57.0 85.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.456 min Scan# 1935

Delta R.T. -0.009 min

Lab File: BG064461.D

Acq: 29 Sep 2025 15:53

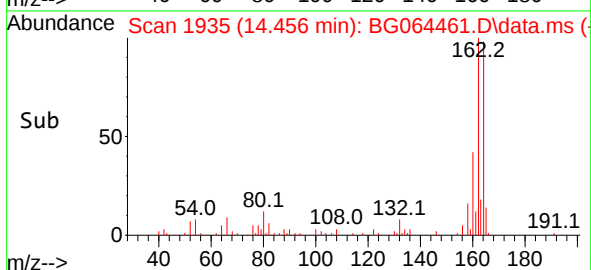
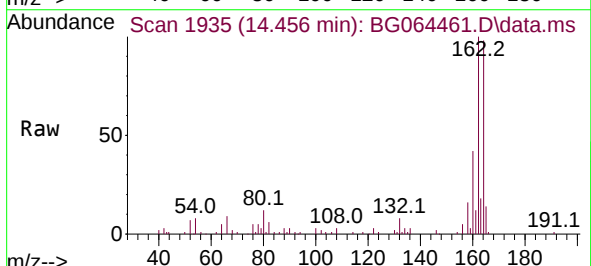
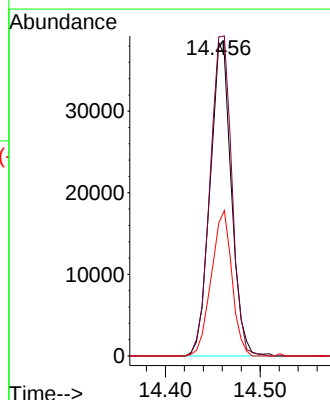
Tgt Ion:164 Resp: 59829

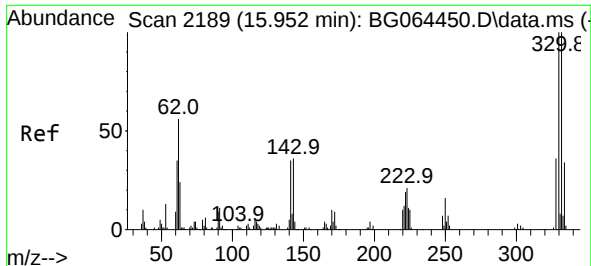
Ion Ratio Lower Upper

164 100

162 101.9 79.0 118.4

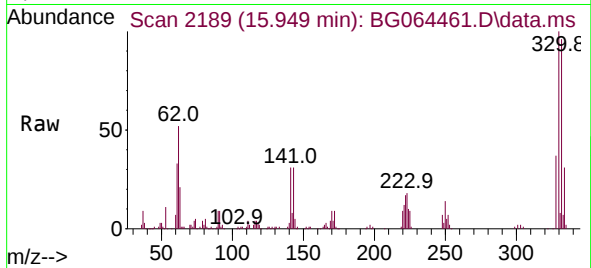
160 42.4 36.3 54.5



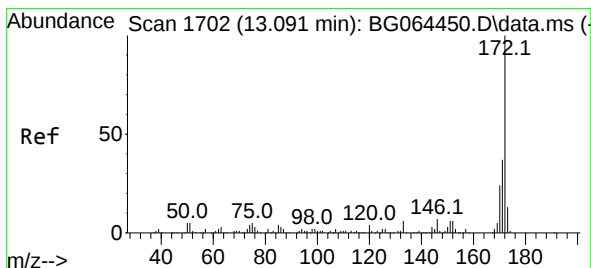
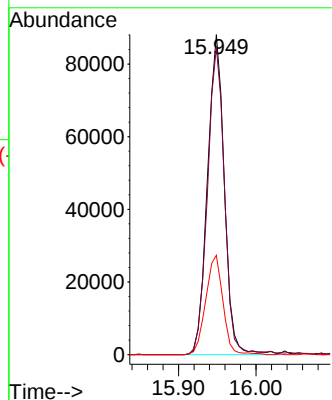
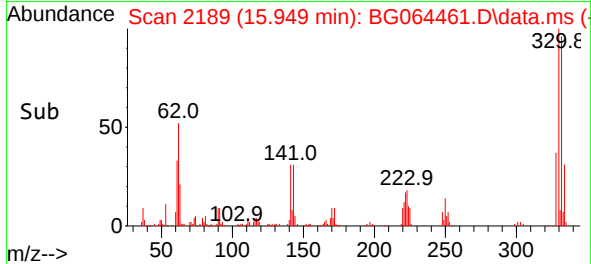


#42
2,4,6-Tribromophenol
Concen: 127.396 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

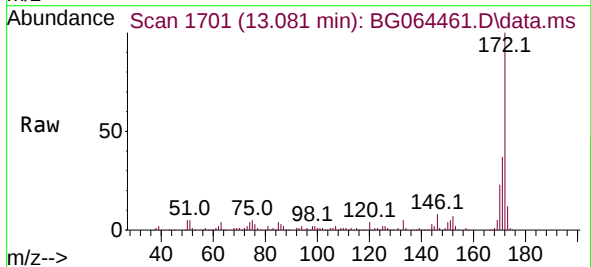
Instrument :
BNA_G
ClientSampleId :
SU-ESM-COMP-02



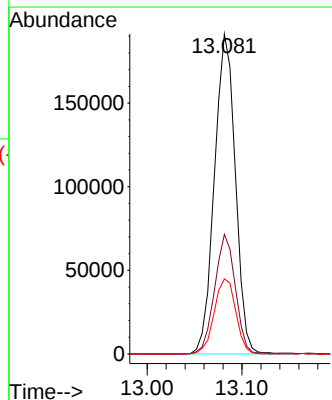
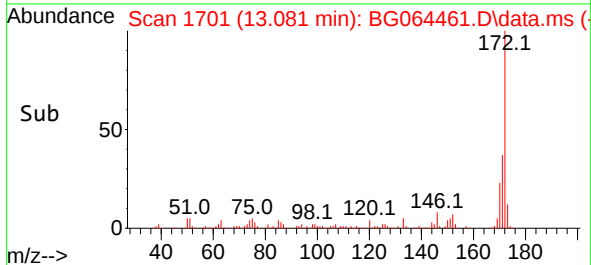
Tgt Ion:330 Resp: 133061
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 31.7 27.3 40.9

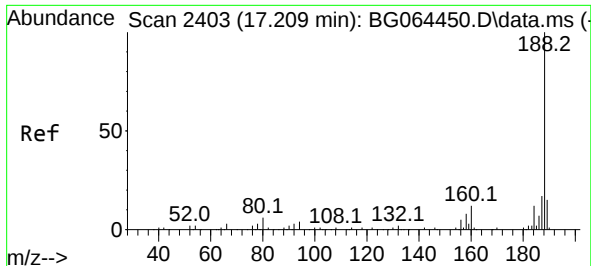


#45
2-Fluorobiphenyl
Concen: 72.399 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53



Tgt Ion:172 Resp: 293339
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.2
170 23.4 18.9 28.3

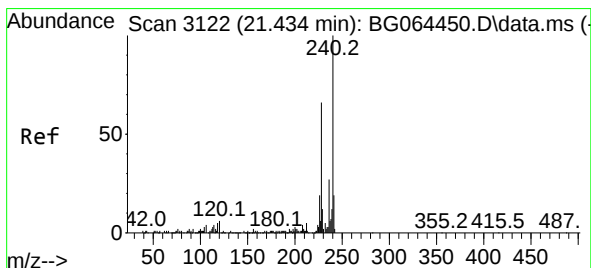
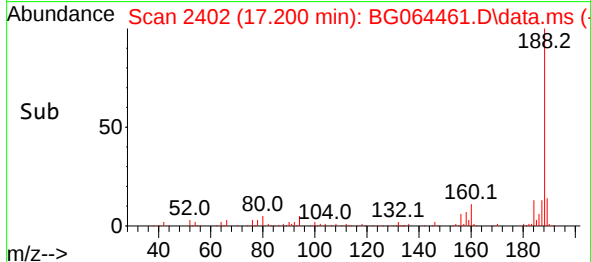
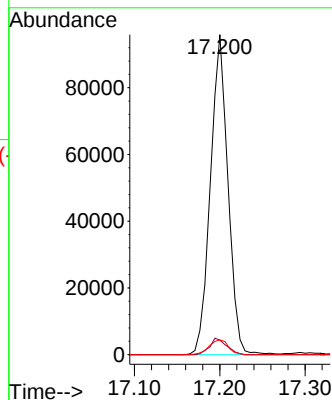
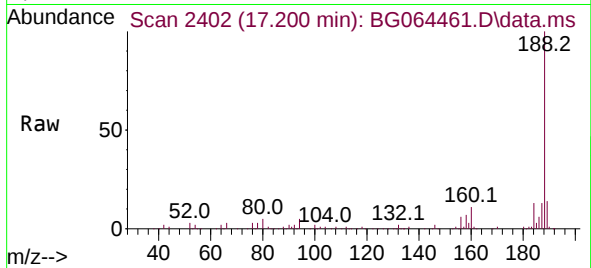




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.200 min Scan# 2403
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

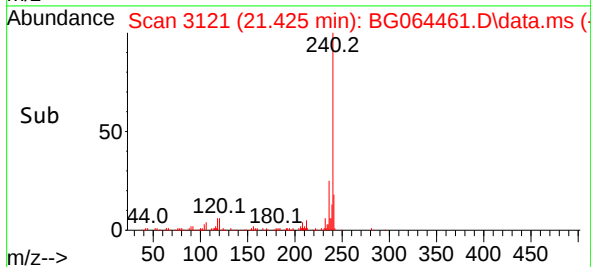
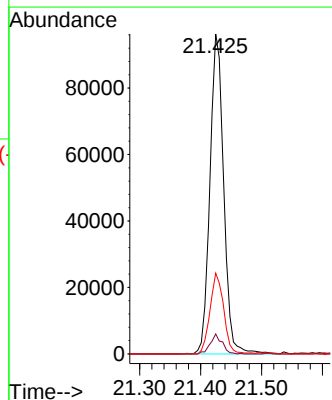
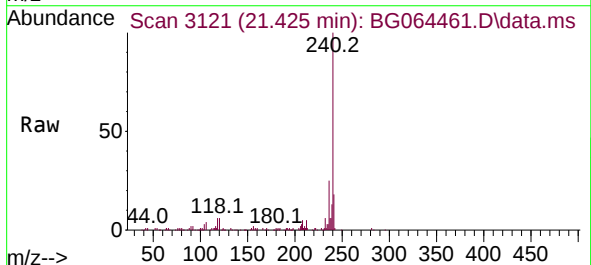
Instrument :
BNA_G
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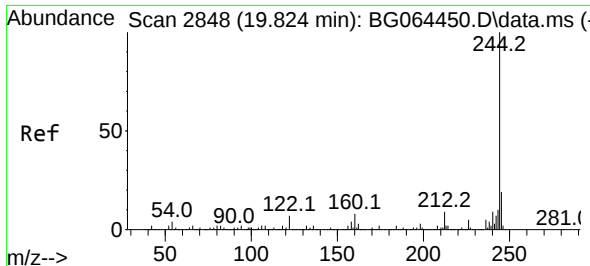
Tgt Ion:188 Resp: 136856
Ion Ratio Lower Upper
188 100
94 4.5 3.0 4.4#
80 4.6 4.9 7.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.009 min
Lab File: BG064461.D
Acq: 29 Sep 2025 15:53

Tgt Ion:240 Resp: 150916
Ion Ratio Lower Upper
240 100
120 6.3 5.0 7.4
236 25.2 21.9 32.9

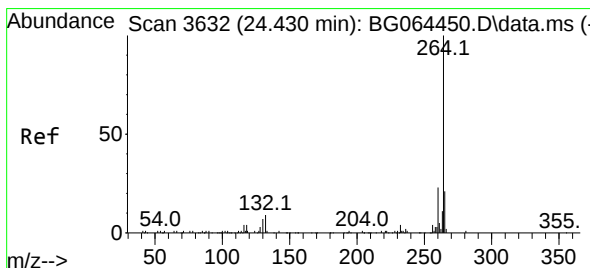
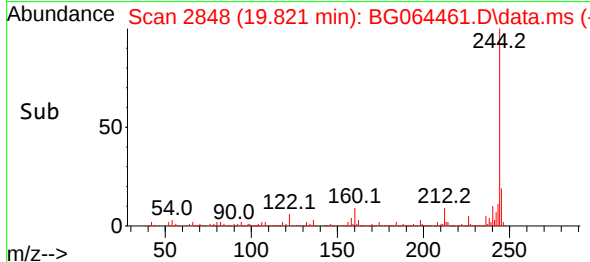
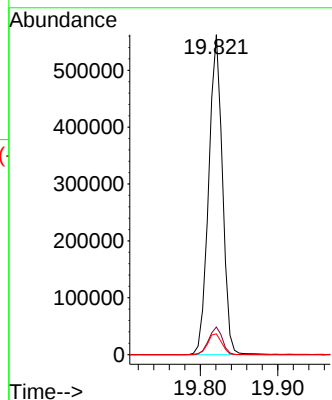
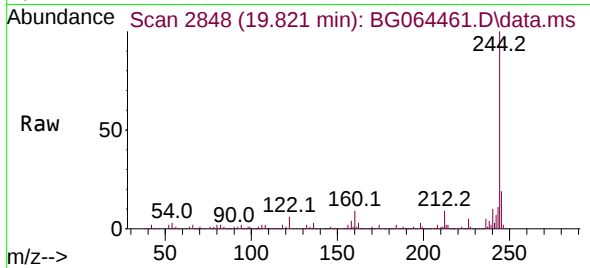




#79
 Terphenyl-d14
 Concen: 90.200 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.003 min
 Lab File: BG064461.D
 Acq: 29 Sep 2025 15:53

Instrument :
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Tgt Ion:244 Resp: 690542
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.2 10.8
 122 6.5 5.7 8.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.421 min Scan# 3631
 Delta R.T. -0.009 min
 Lab File: BG064461.D
 Acq: 29 Sep 2025 15:53

Tgt Ion:264 Resp: 163304
 Ion Ratio Lower Upper
 264 100
 260 27.1 18.6 27.8
 265 21.6 16.7 25.1

