

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064768.D
 Acq On : 13 Nov 2025 22:48
 Operator : RC/JU
 Sample : Q3614-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Nov 14 05:05:14 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	8.165	152	36331	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	134433	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	103762	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	245156	20.000	ng	0.00
76) Chrysene-d12	21.749	240	300613	20.000	ng	0.00
86) Perylene-d12	25.010	264	308402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	167125	80.327	ng	0.00
7) Phenol-d6	7.302	99	222451	80.388	ng	0.00
23) Nitrobenzene-d5	9.323	82	141060	51.880	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	156433	77.301	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	392191	52.740	ng	0.00
79) Terphenyl-d14	20.087	244	835514	54.673	ng	0.00

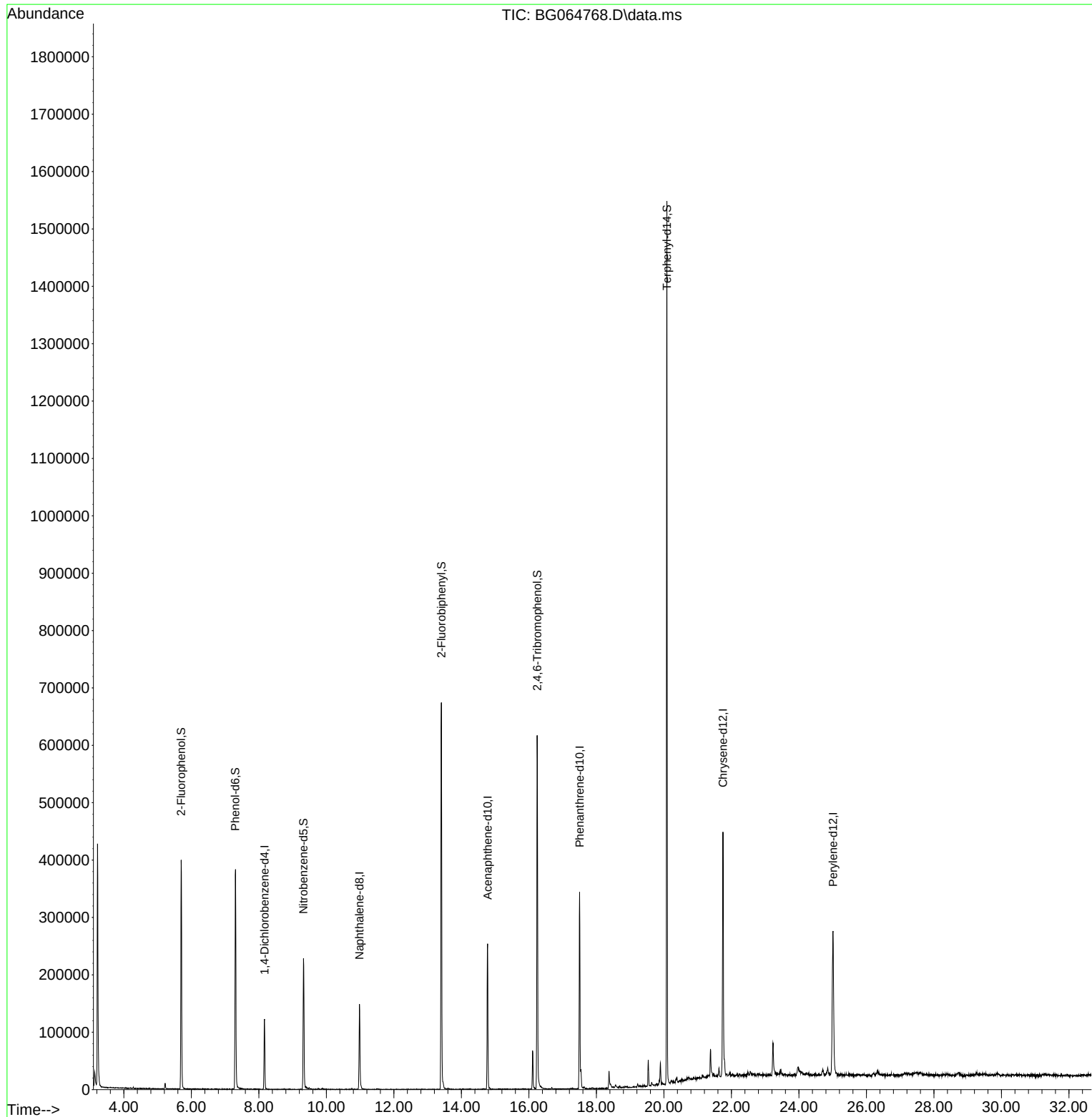
Target Compounds	Qvalue

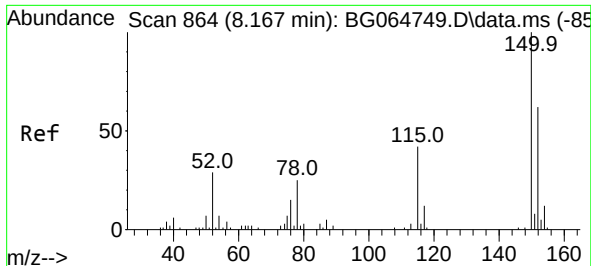
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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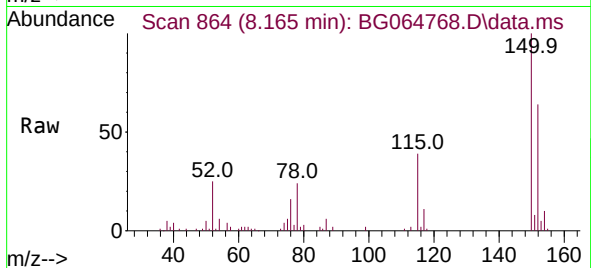
Quant Time: Nov 14 05:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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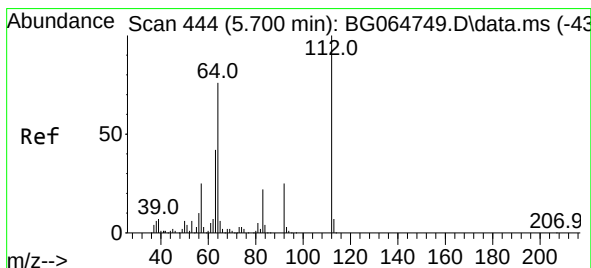
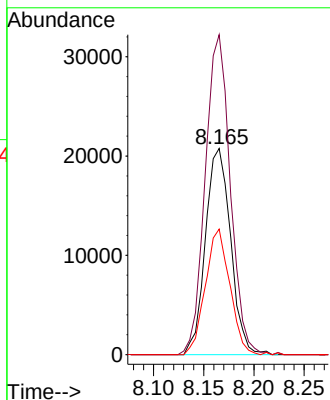
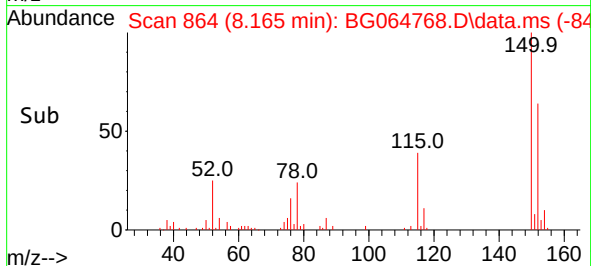


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 864
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

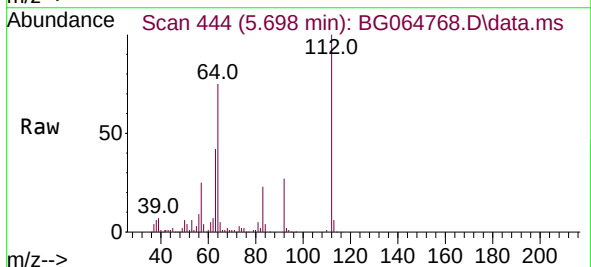
Instrument :
BNA_G
ClientSampleId :
COMP-1



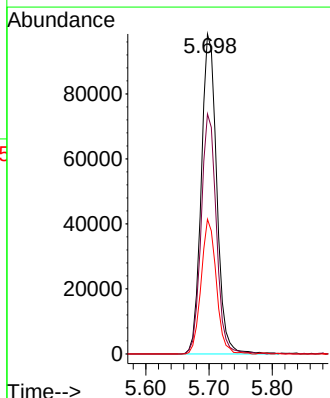
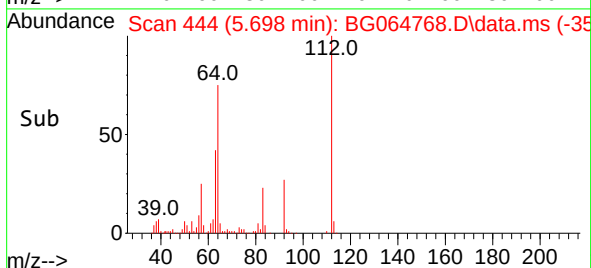
Tgt Ion:152 Resp: 36331
Ion Ratio Lower Upper
152 100
150 155.2 129.2 193.8
115 60.9 53.7 80.5

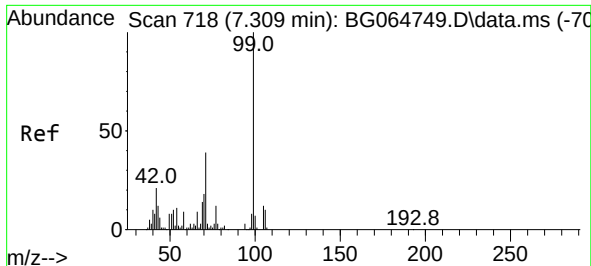


#5
2-Fluorophenol
Concen: 80.327 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48



Tgt Ion:112 Resp: 167125
Ion Ratio Lower Upper
112 100
64 75.0 61.0 91.4
63 42.1 33.3 49.9

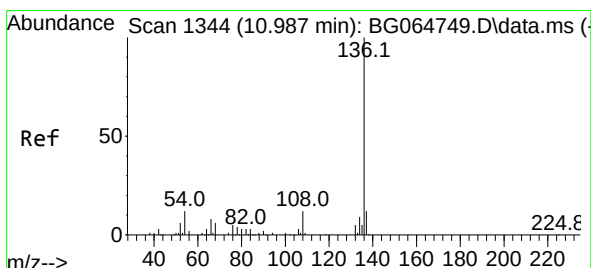
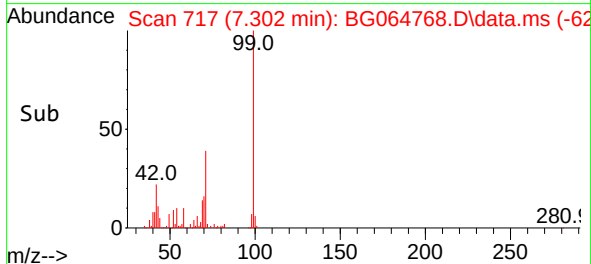
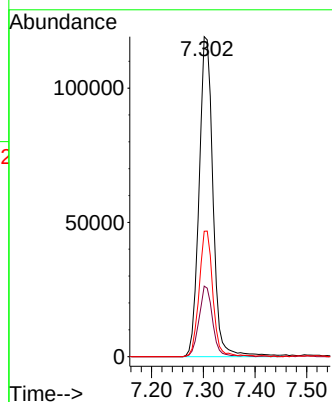
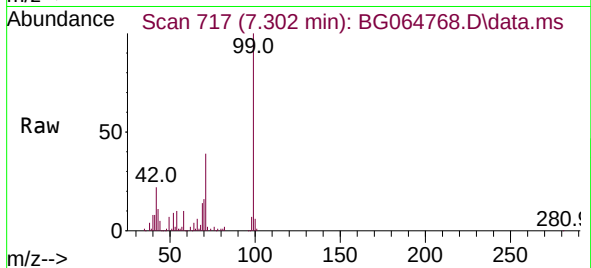




#7
Phenol-d6
Concen: 80.388 ng
RT: 7.302 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

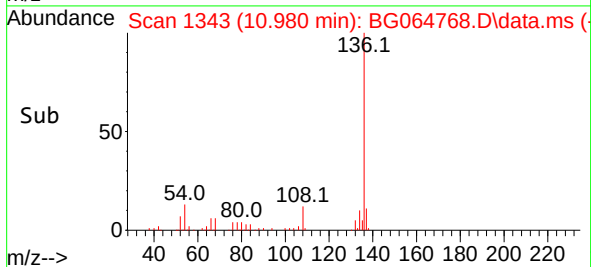
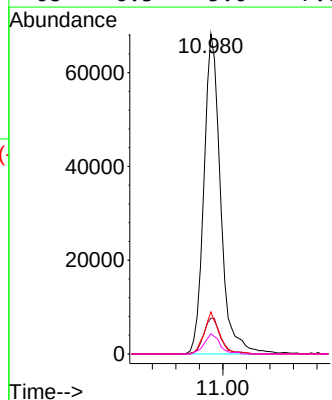
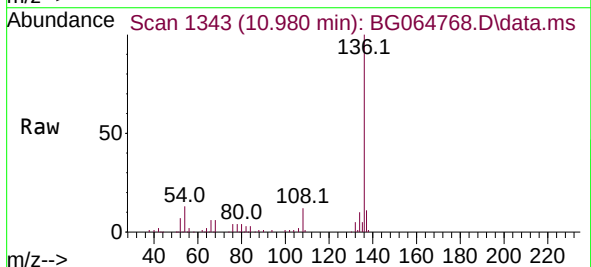
Instrument :
BNA_G
ClientSampleId :
COMP-1

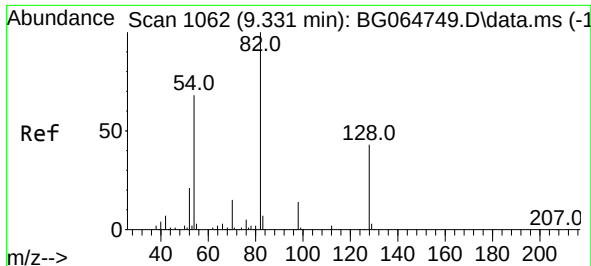
Tgt Ion: 99 Resp: 222451
Ion Ratio Lower Upper
99 100
42 22.0 16.8 25.2
71 39.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion: 136 Resp: 134433
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 13.1 9.3 13.9
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 51.880 ng

RT: 9.323 min Scan# 1062

Delta R.T. -0.008 min

Lab File: BG064768.D

Acq: 13 Nov 2025 22:48

Instrument :

BNA_G

ClientSampleId :

COMP-1

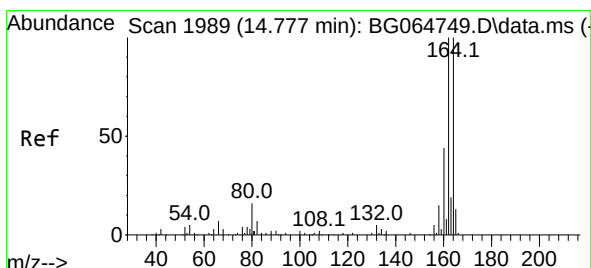
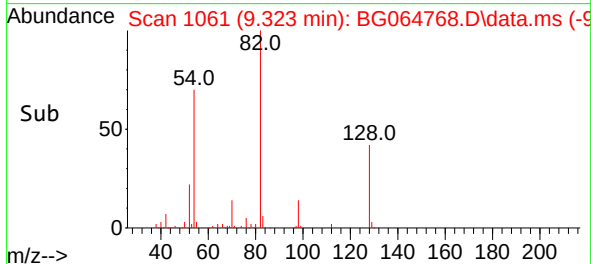
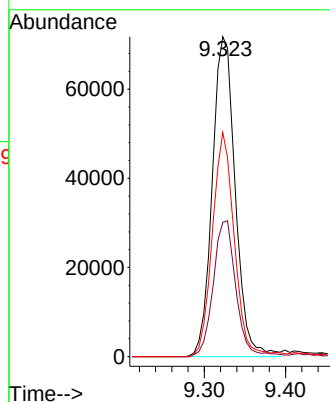
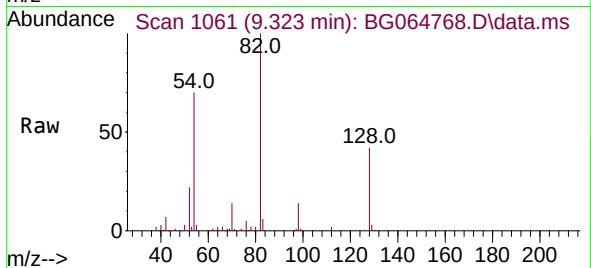
Tgt Ion: 82 Resp: 141060

Ion Ratio Lower Upper

82 100

128 41.9 34.1 51.1

54 70.1 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064768.D

Acq: 13 Nov 2025 22:48

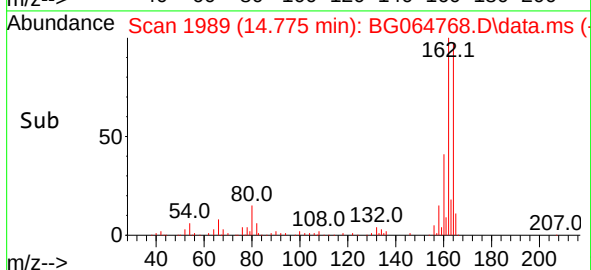
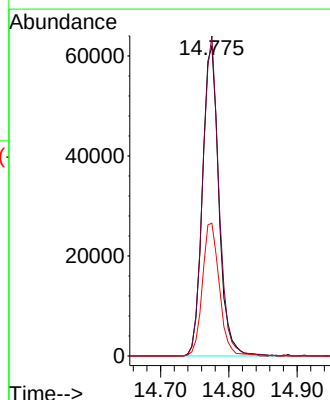
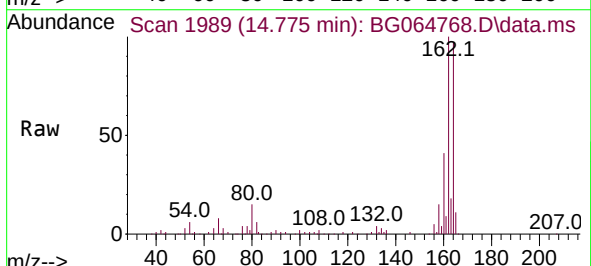
Tgt Ion: 164 Resp: 103762

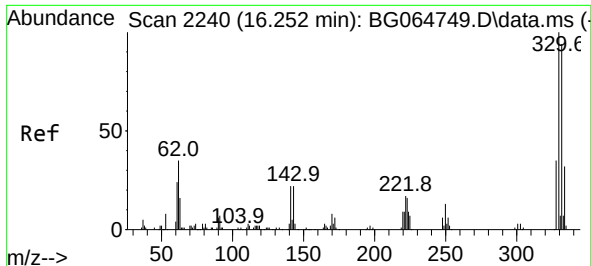
Ion Ratio Lower Upper

164 100

162 103.3 79.8 119.6

160 42.8 34.9 52.3

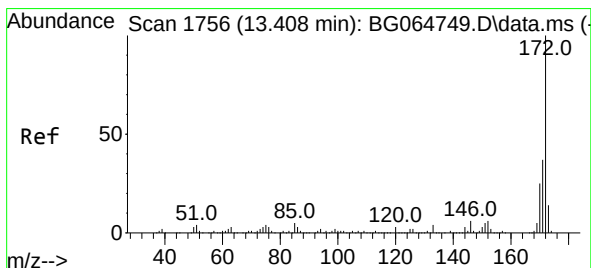
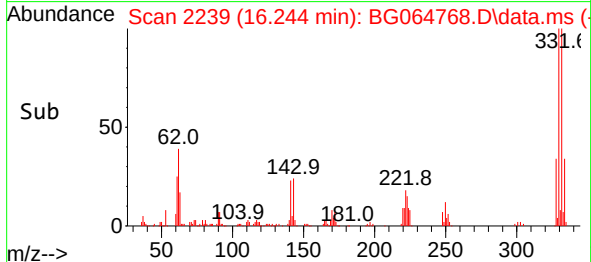
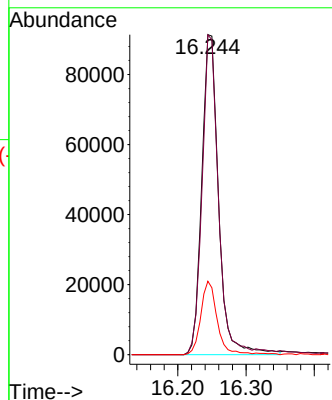
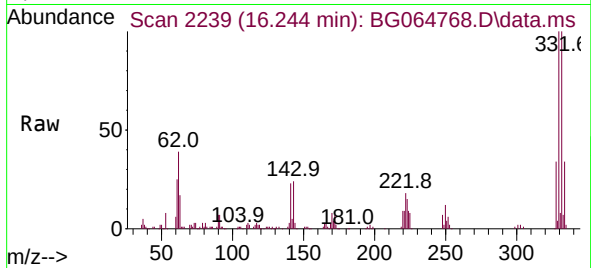




#42
2,4,6-Tribromophenol
Concen: 77.301 ng
RT: 16.244 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

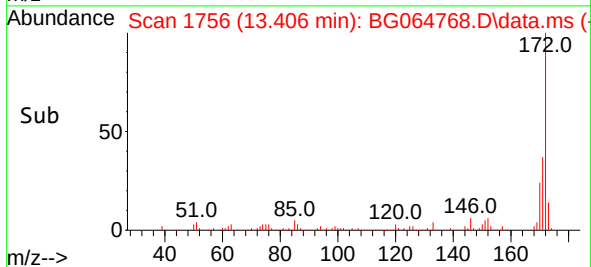
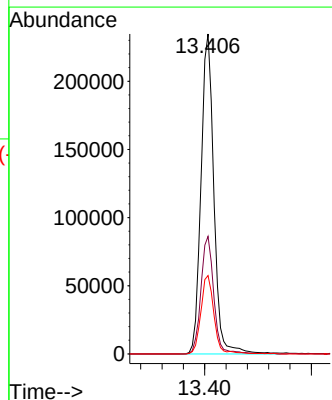
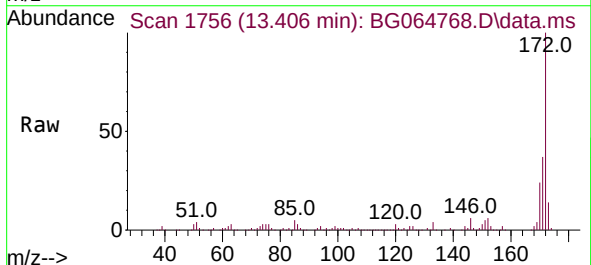
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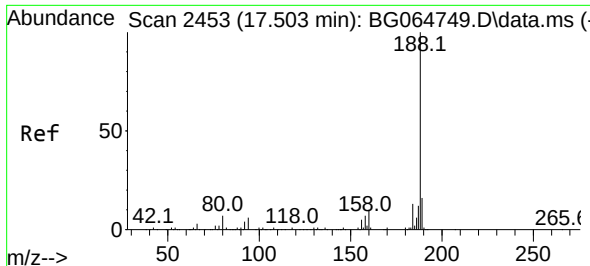
Tgt Ion:330 Resp: 156433
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 22.1 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 52.740 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:172 Resp: 392191
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.5 19.8 29.6

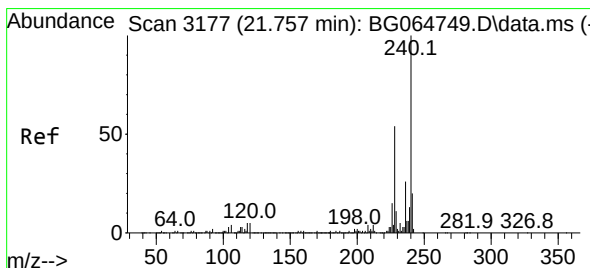
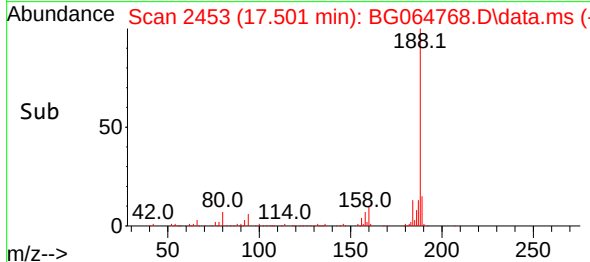
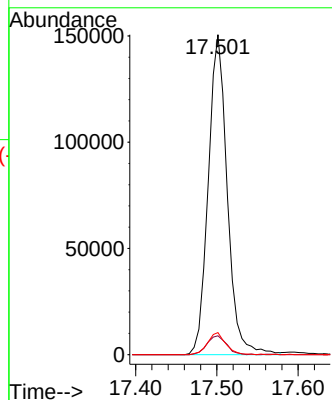
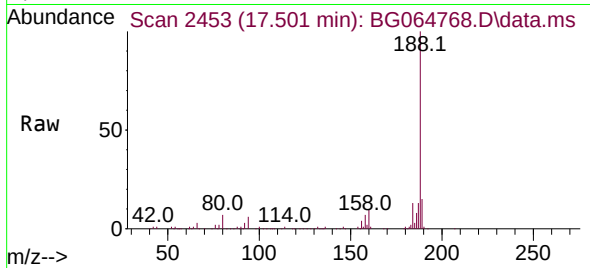




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

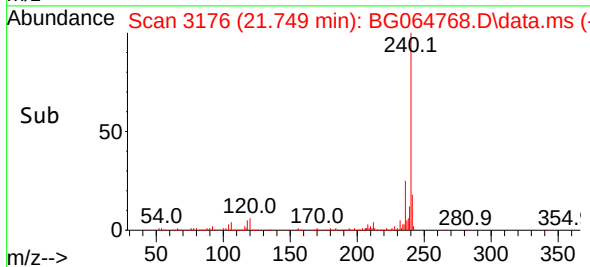
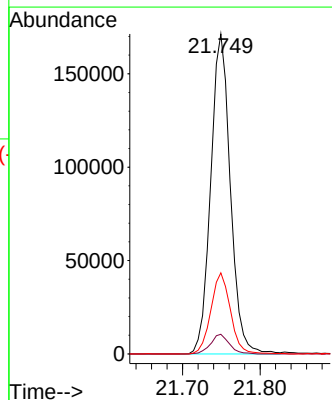
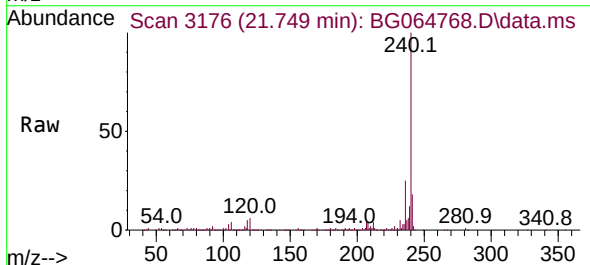
Instrument :
BNA_G
ClientSampleId :
COMP-1

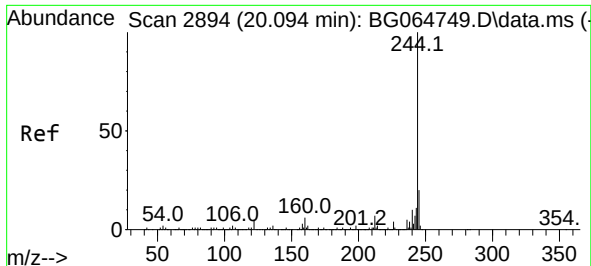
Tgt Ion:188 Resp: 245156
Ion Ratio Lower Upper
188 100
94 5.9 4.7 7.1
80 6.9 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:240 Resp: 300613
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.4
236 25.3 20.8 31.2

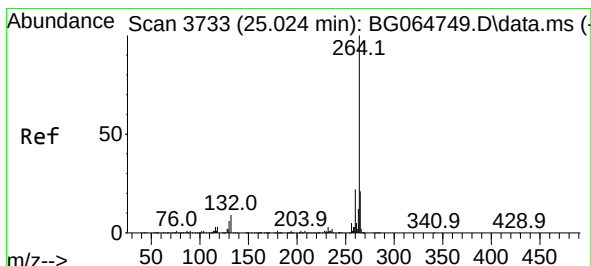
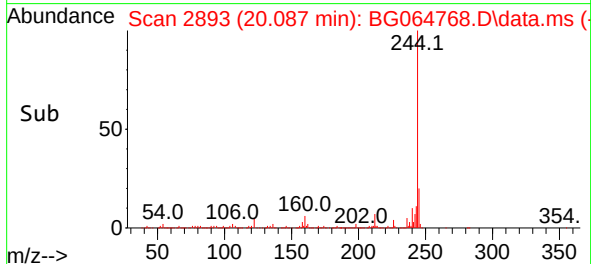
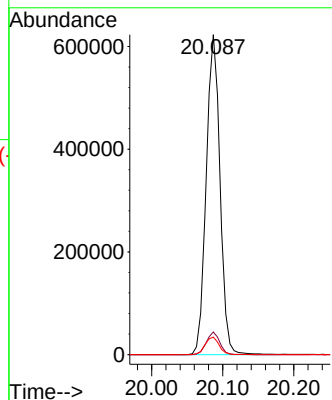
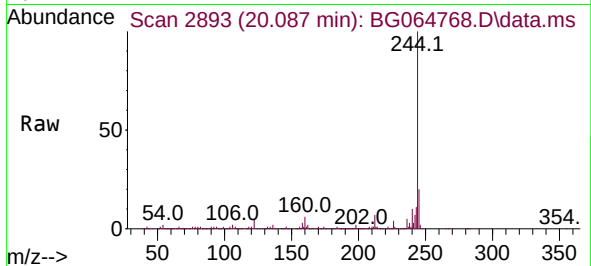




#79
 Terphenyl-d14
 Concen: 54.673 ng
 RT: 20.087 min Scan# 2893
 Delta R.T. -0.008 min
 Lab File: BG064768.D
 Acq: 13 Nov 2025 22:48

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 835514
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 5.5 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.010 min Scan# 3731
 Delta R.T. -0.014 min
 Lab File: BG064768.D
 Acq: 13 Nov 2025 22:48

Tgt Ion:264 Resp: 308402
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.2 25.8
 265 21.3 16.6 25.0

