

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064792.D
 Acq On : 17 Nov 2025 20:07
 Operator : RC/JU
 Sample : Q3649-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B4-0.0-0.5-20251114

Quant Time: Nov 18 00:23:32 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	8.167	152	33180	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	121269	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	93445	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	234373	20.000	ng	0.00
76) Chrysene-d12	21.751	240	327722	20.000	ng	0.00
86) Perylene-d12	25.006	264	336150	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	122605	64.525	ng	0.00
7) Phenol-d6	7.303	99	159416	63.079	ng	0.00
23) Nitrobenzene-d5	9.324	82	101547	41.402	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	120768	66.266	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	286692	42.809	ng	0.00
79) Terphenyl-d14	20.088	244	743942	44.654	ng	0.00

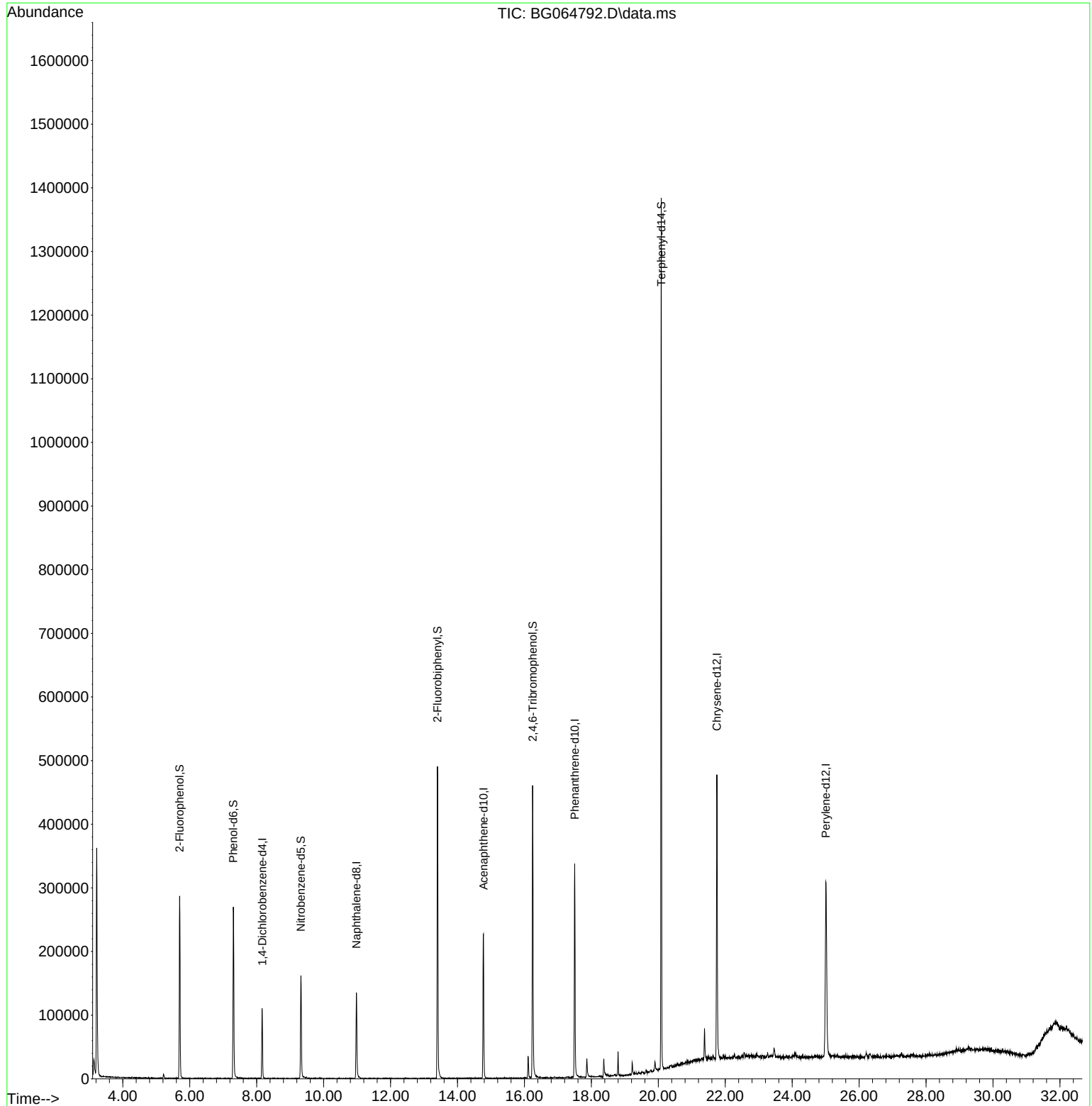
Target Compounds	Qvalue

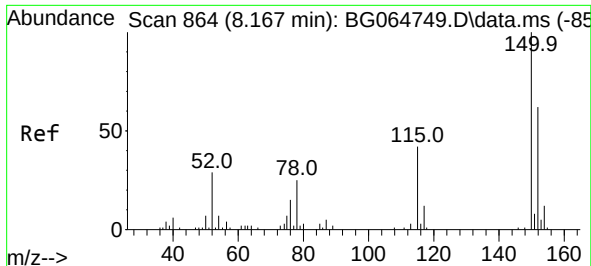
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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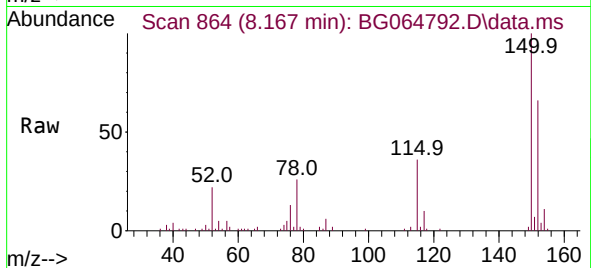
Quant Time: Nov 18 00:23:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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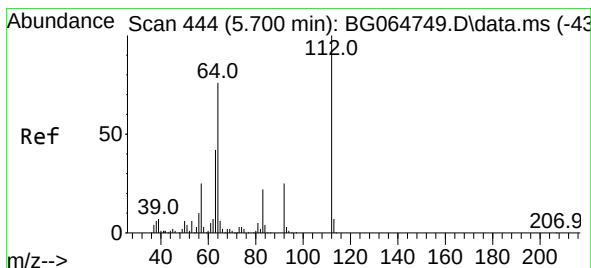
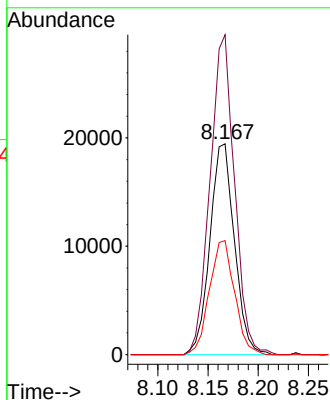
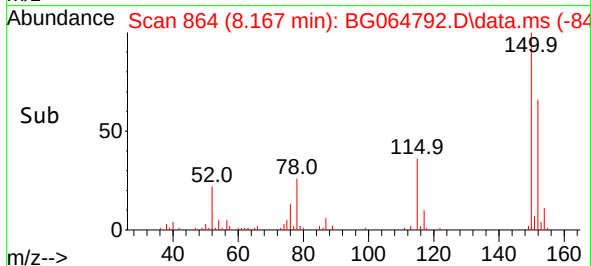


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 864
Delta R.T. -0.000 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

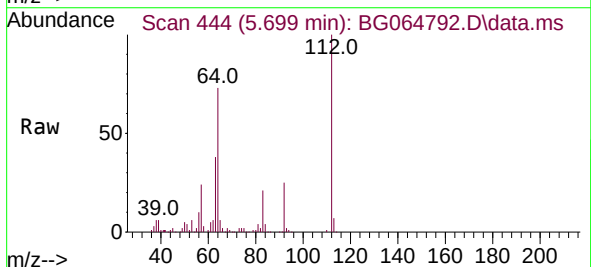
Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114



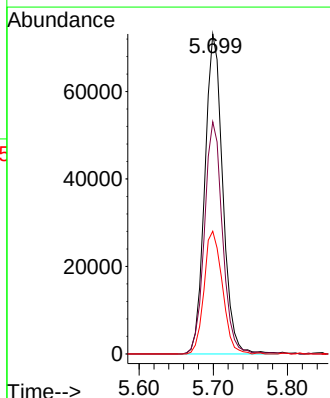
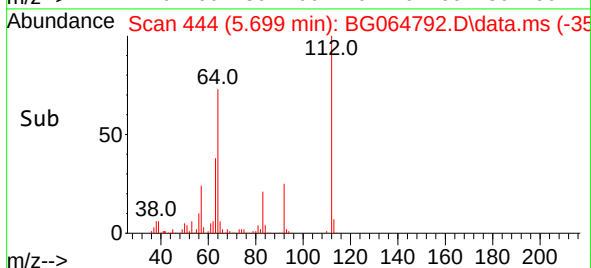
Tgt Ion:152 Resp: 33180
Ion Ratio Lower Upper
152 100
150 151.7 129.2 193.8
115 54.1 53.7 80.5

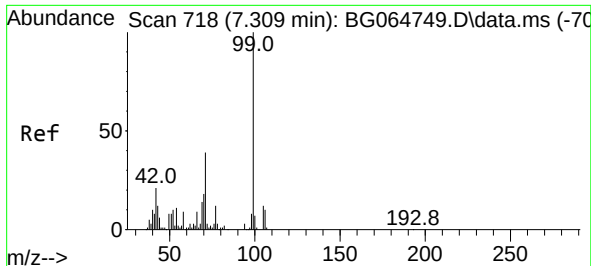


#5
2-Fluorophenol
Concen: 64.525 ng
RT: 5.699 min Scan# 444
Delta R.T. -0.000 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07



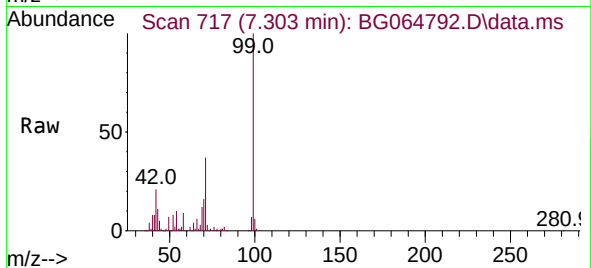
Tgt Ion:112 Resp: 122605
Ion Ratio Lower Upper
112 100
64 72.5 61.0 91.4
63 38.3 33.3 49.9



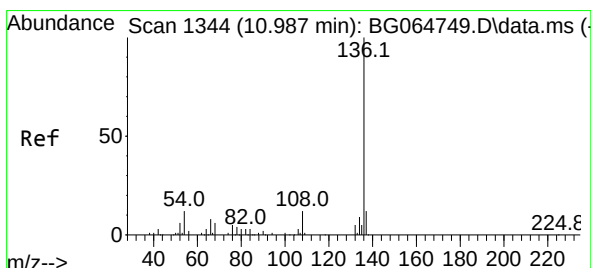
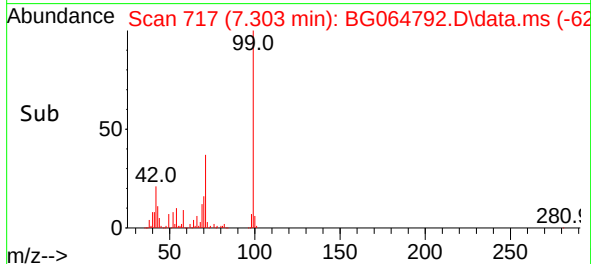
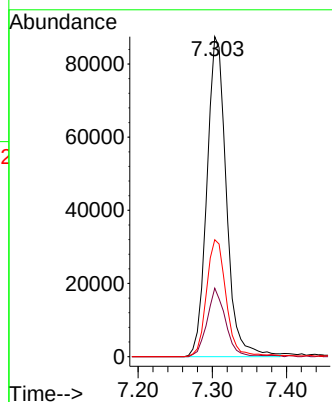


#7
Phenol-d6
Concen: 63.079 ng
RT: 7.303 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Instrument :
BNA_G
ClientSampleId :
B4-0.0-0.5-20251114

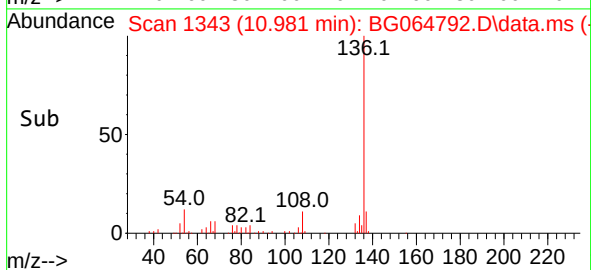
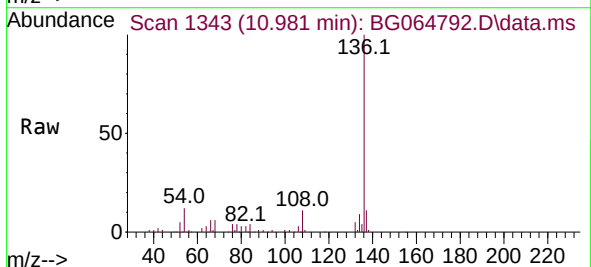
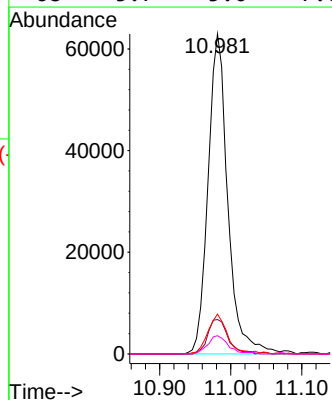


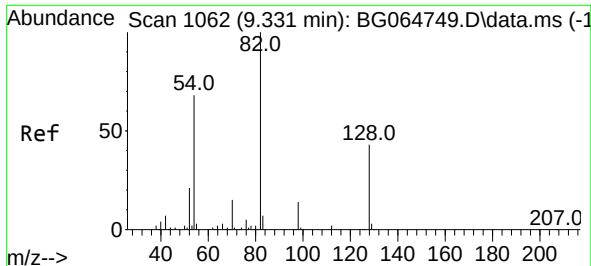
Tgt Ion: 99 Resp: 159416
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 36.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion: 136 Resp: 121269
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 12.4 9.3 13.9
68 5.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 41.402 ng

RT: 9.324 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BG064792.D

Acq: 17 Nov 2025 20:07

Instrument :

BNA_G

ClientSampleId :

B4-0.0-0.5-20251114

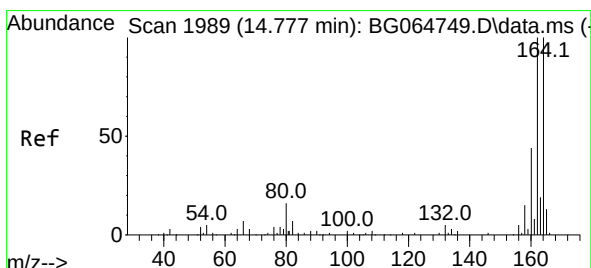
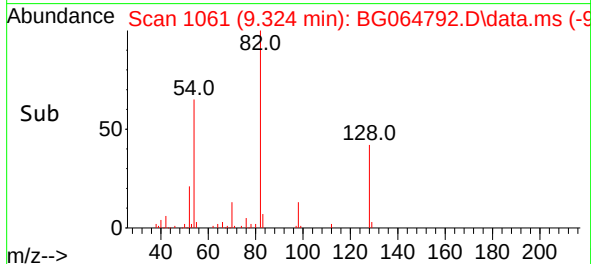
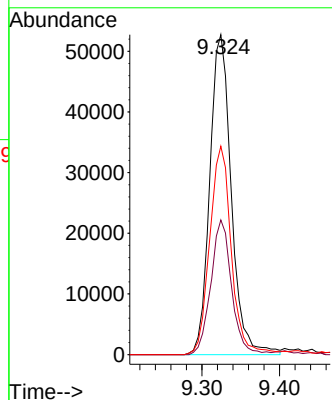
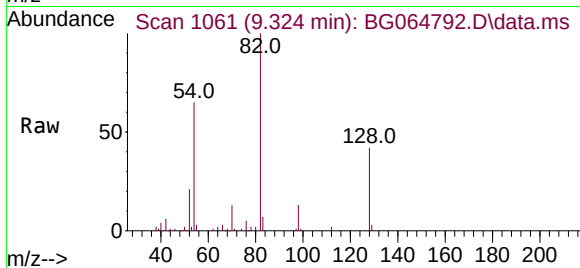
Tgt Ion: 82 Resp: 101547

Ion Ratio Lower Upper

82 100

128 42.1 34.1 51.1

54 65.2 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.777 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BG064792.D

Acq: 17 Nov 2025 20:07

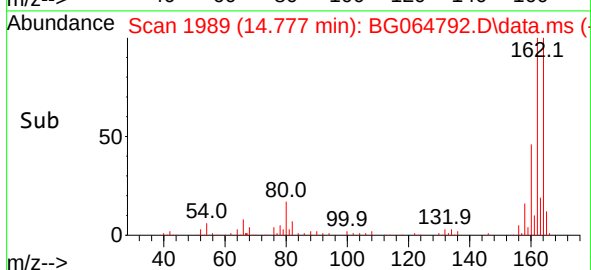
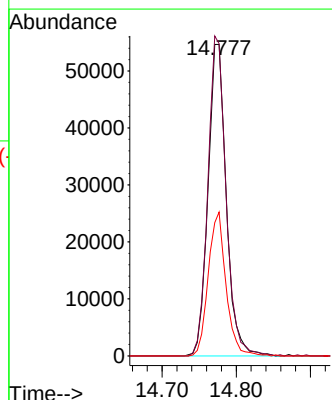
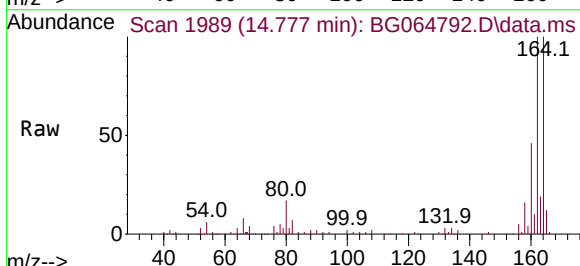
Tgt Ion: 164 Resp: 93445

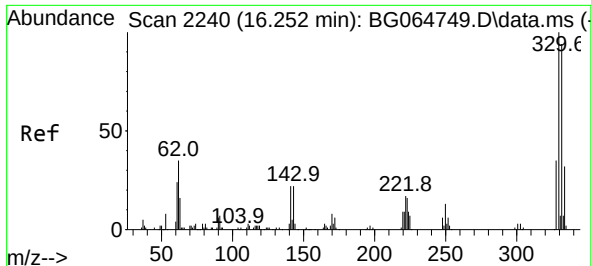
Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.6

160 46.1 34.9 52.3

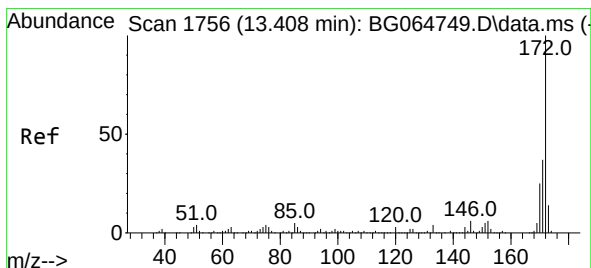
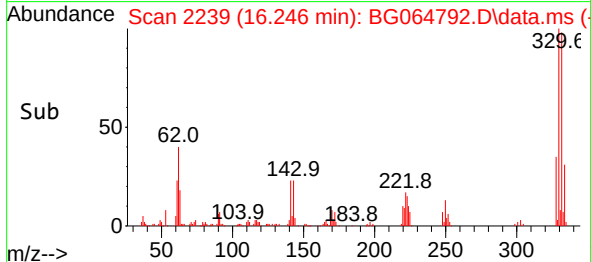
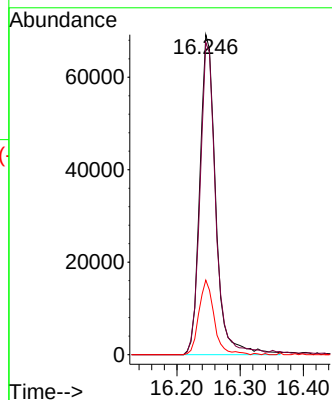
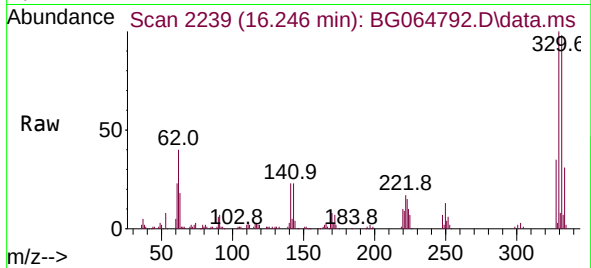




#42
2,4,6-Tribromophenol
Concen: 66.266 ng
RT: 16.246 min Scan# 2240
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

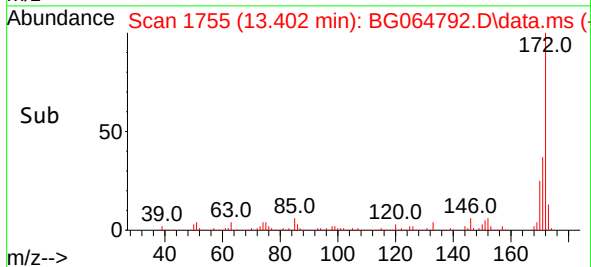
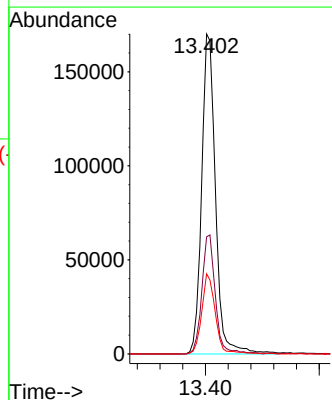
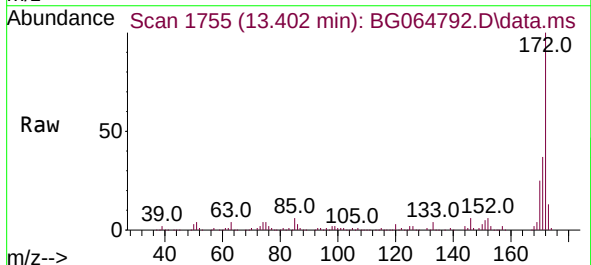
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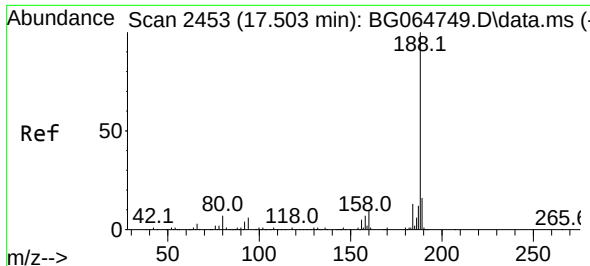
Tgt Ion:330 Resp: 120768
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 22.3 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 42.809 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:172 Resp: 286692
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.0 19.8 29.6

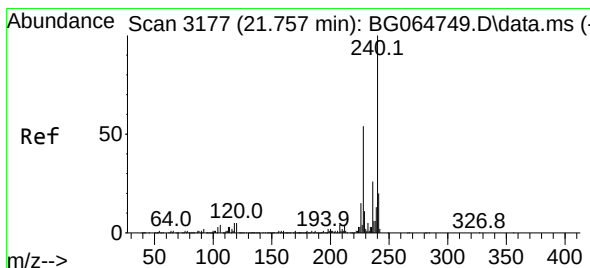
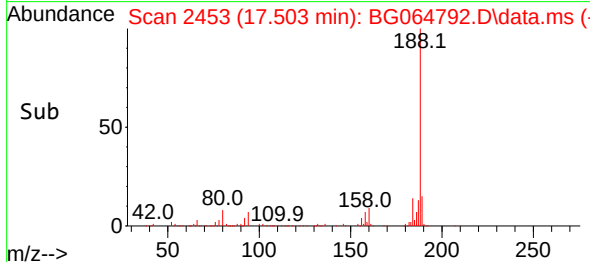
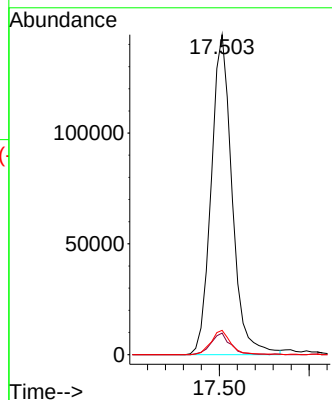
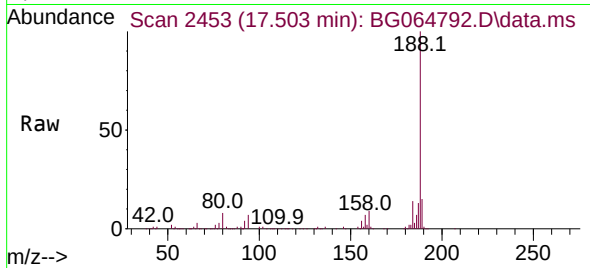




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

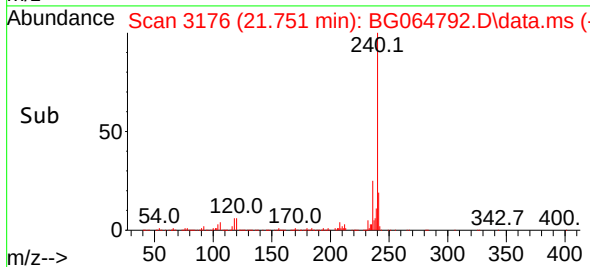
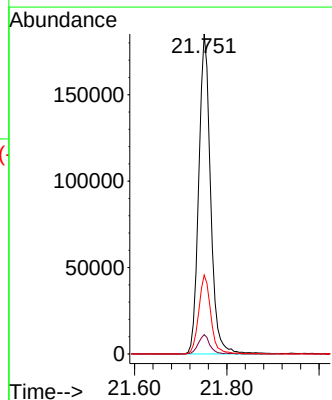
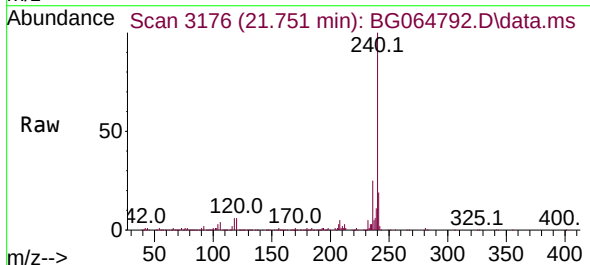
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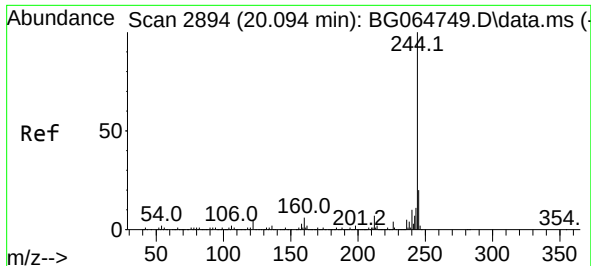
Tgt Ion:188 Resp: 234373
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 7.6 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064792.D
Acq: 17 Nov 2025 20:07

Tgt Ion:240 Resp: 327722
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.4
236 24.6 20.8 31.2

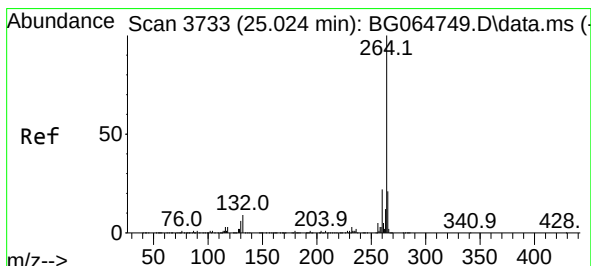
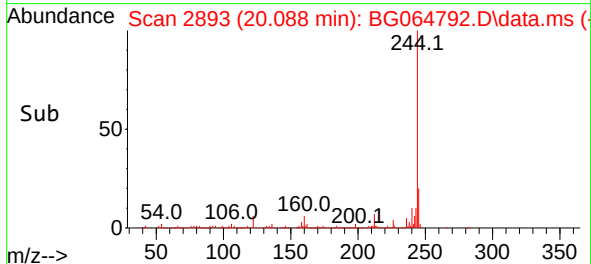
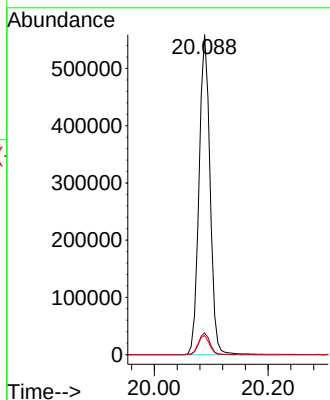
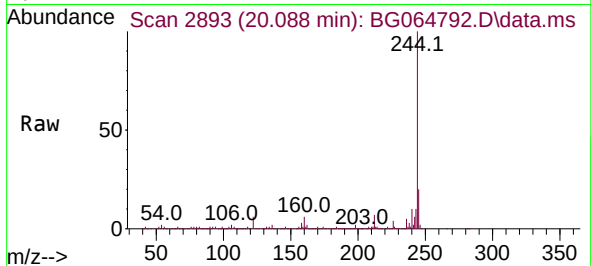




#79
 Terphenyl-d14
 Concen: 44.654 ng
 RT: 20.088 min Scan# 2893
 Delta R.T. -0.006 min
 Lab File: BG064792.D
 Acq: 17 Nov 2025 20:07

Instrument :
 BNA_G
 ClientSampleId :
 B4-0.0-0.5-20251114

Tgt Ion:244 Resp: 743942
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 6.0 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3730
 Delta R.T. -0.018 min
 Lab File: BG064792.D
 Acq: 17 Nov 2025 20:07

Tgt Ion:264 Resp: 336150
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.2 25.8
 265 22.1 16.6 25.0

