

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064794.D
 Acq On : 17 Nov 2025 21:28
 Operator : RC/JU
 Sample : Q3649-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5-0.0-0.5-20251114

Quant Time: Nov 18 00:24:12 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	8.164	152	35573	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	134204	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	105983	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	261717	20.000	ng	0.00
76) Chrysene-d12	21.749	240	348460	20.000	ng	0.00
86) Perylene-d12	25.009	264	360076	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	126212	61.955	ng	0.00
7) Phenol-d6	7.307	99	198726	73.344	ng	0.00
23) Nitrobenzene-d5	9.322	82	128818	47.459	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	76928	37.217	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	383889	50.542	ng	0.00
79) Terphenyl-d14	20.086	244	951230	53.698	ng	0.00

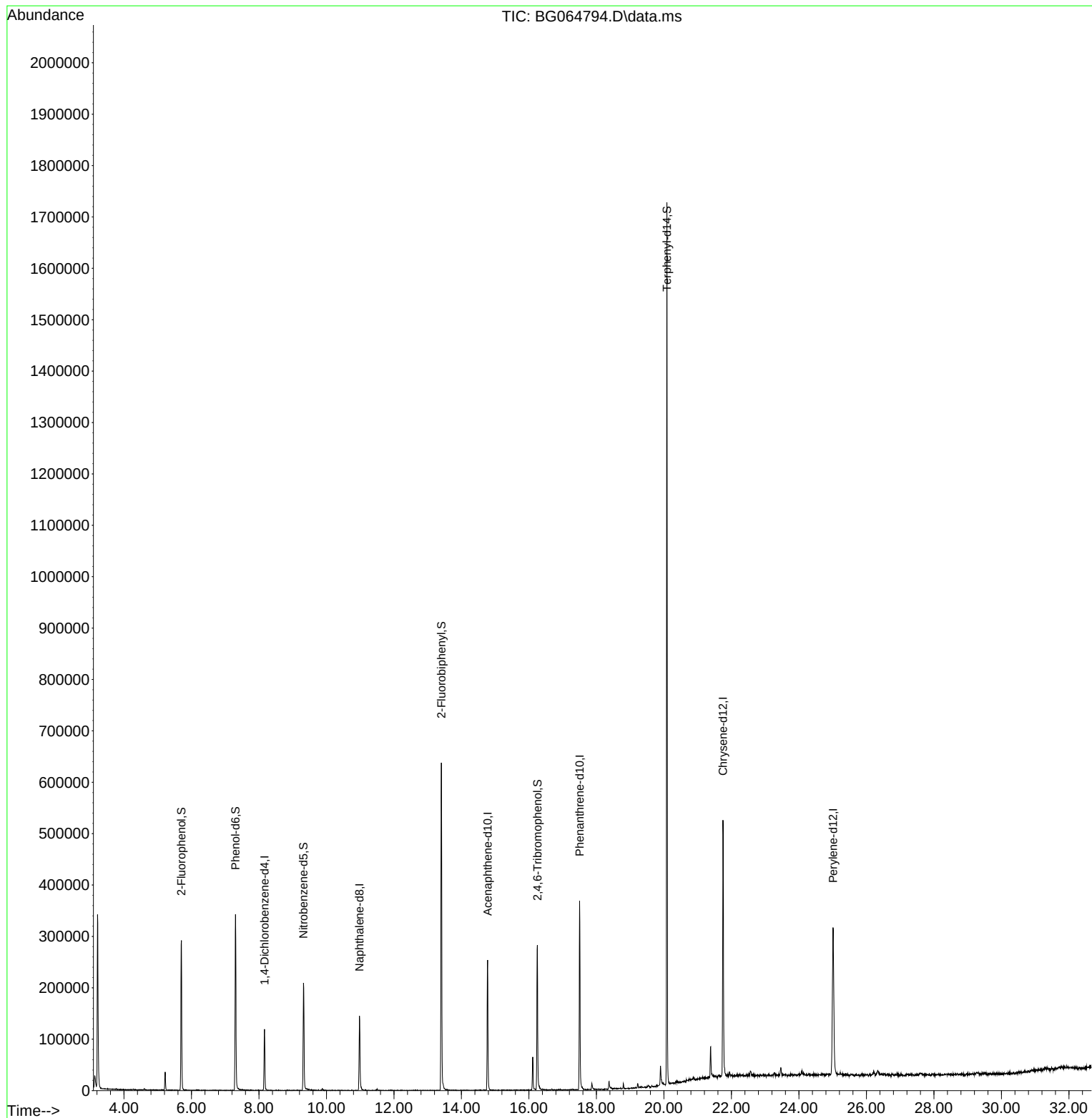
Target Compounds	Qvalue

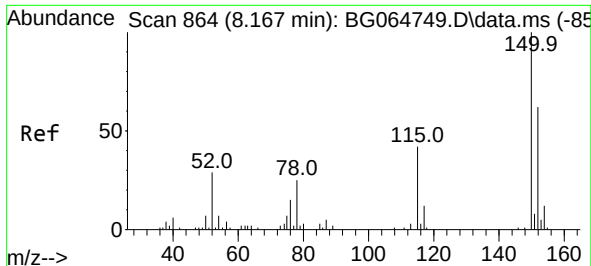
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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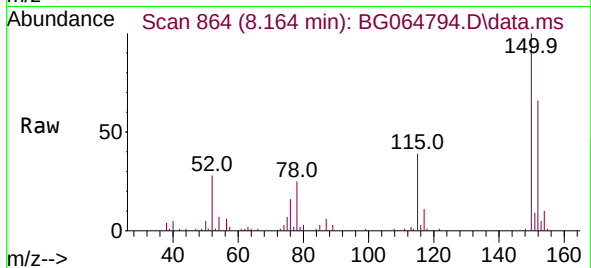
Quant Time: Nov 18 00:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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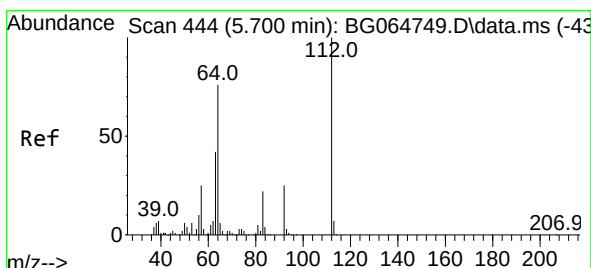
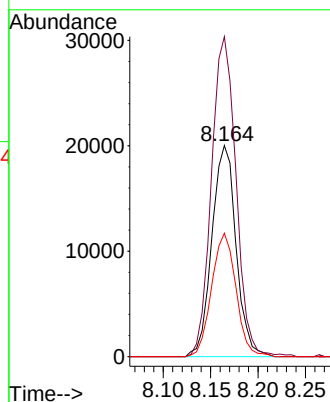
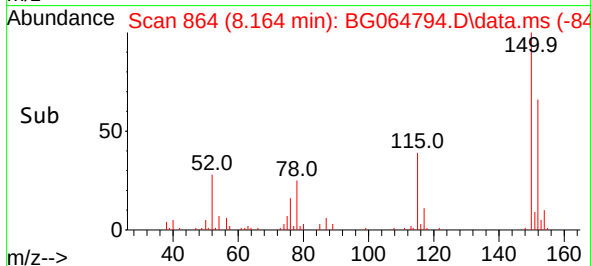


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 864
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

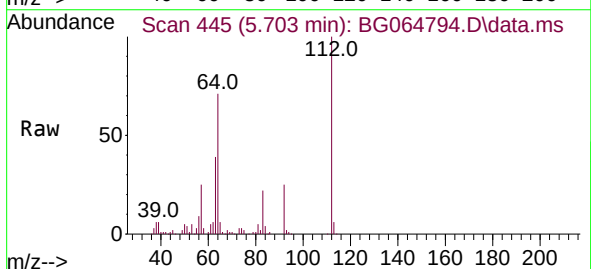
Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114



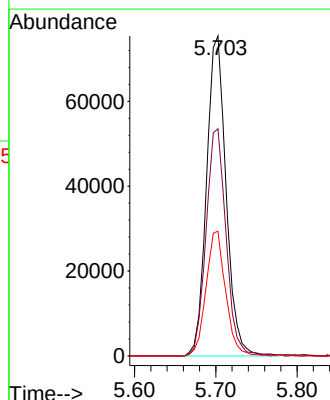
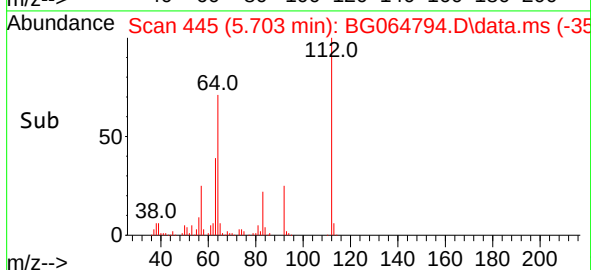
Tgt Ion:152 Resp: 35573
Ion Ratio Lower Upper
152 100
150 151.6 129.2 193.8
115 58.5 53.7 80.5

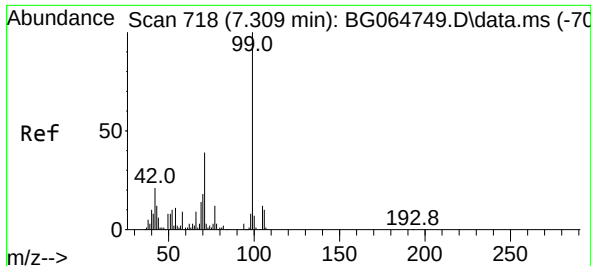


#5
2-Fluorophenol
Concen: 61.955 ng
RT: 5.703 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28



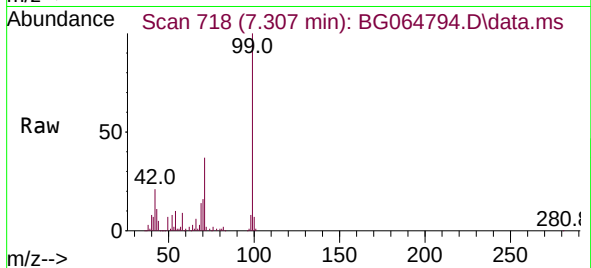
Tgt Ion:112 Resp: 126212
Ion Ratio Lower Upper
112 100
64 71.0 61.0 91.4
63 39.0 33.3 49.9



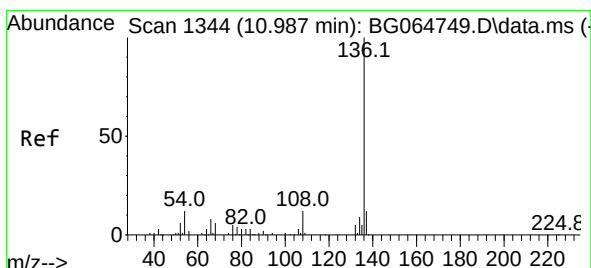
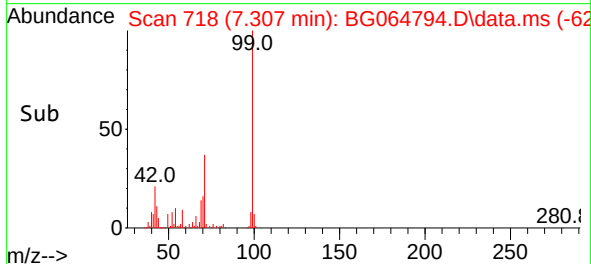
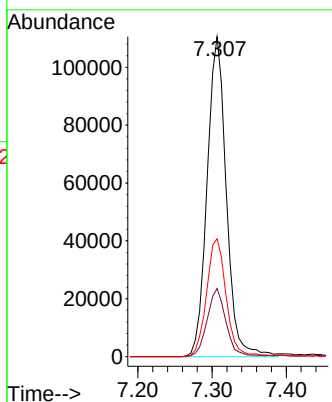


#7
Phenol-d6
Concen: 73.344 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Instrument :
BNA_G
ClientSampleId :
B5-0.0-0.5-20251114

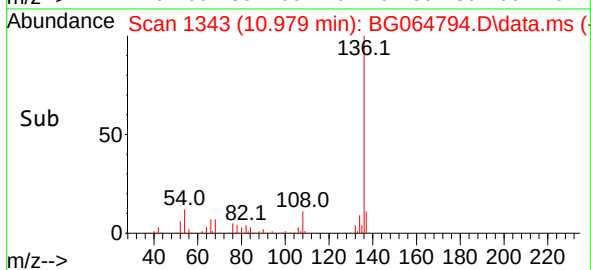
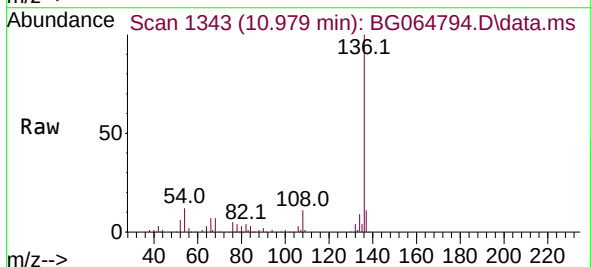
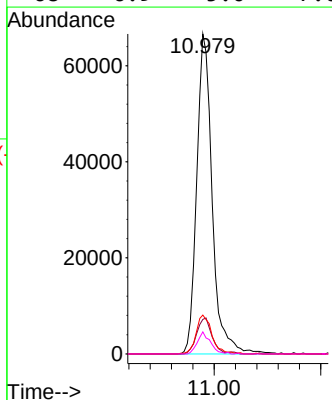


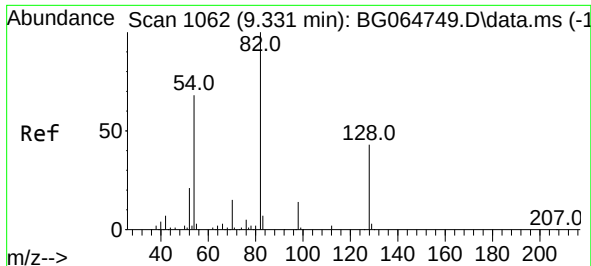
Tgt Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.8	25.2
71	36.8	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064794.D
Acq: 17 Nov 2025 21:28

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	12.1	9.3	13.9
68	6.9	5.0	7.6





#23

Nitrobenzene-d5

Concen: 47.459 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064794.D

Acq: 17 Nov 2025 21:28

Instrument :

BNA_G

ClientSampleId :

B5-0.0-0.5-20251114

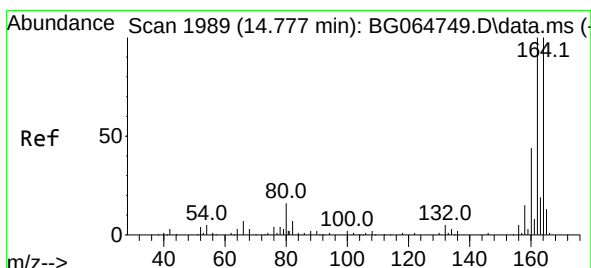
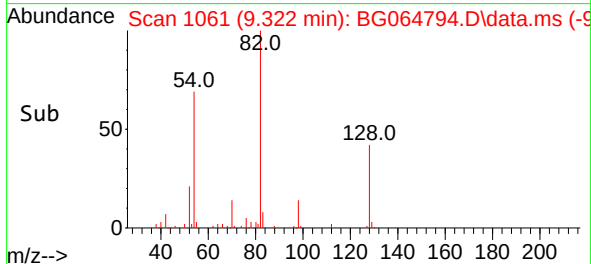
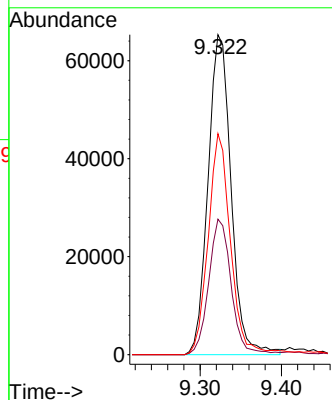
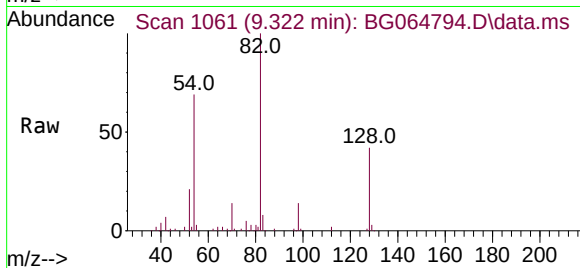
Tgt Ion: 82 Resp: 128818

Ion Ratio Lower Upper

82 100

128 42.3 34.1 51.1

54 69.0 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064794.D

Acq: 17 Nov 2025 21:28

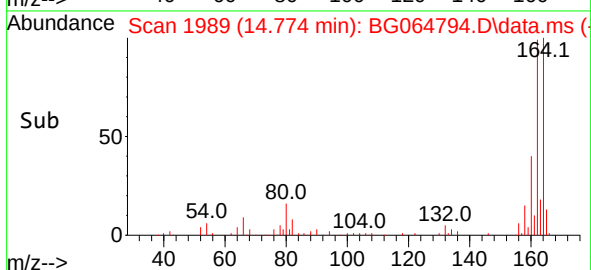
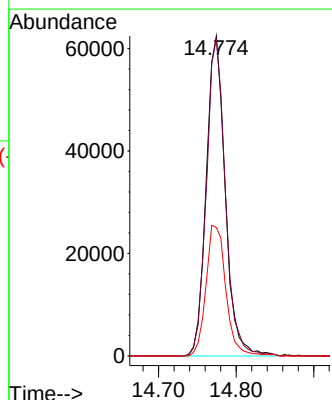
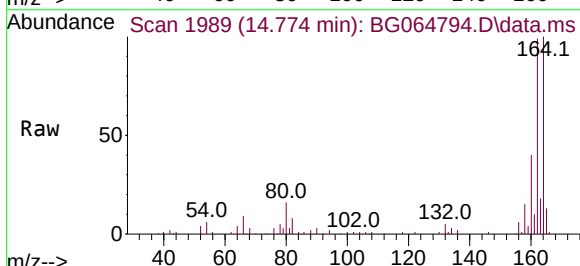
Tgt Ion: 164 Resp: 105983

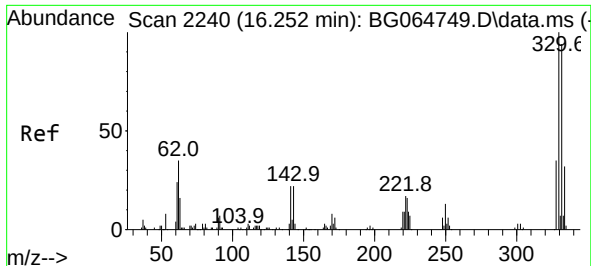
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.6

160 40.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 37.217 ng

RT: 16.249 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064794.D

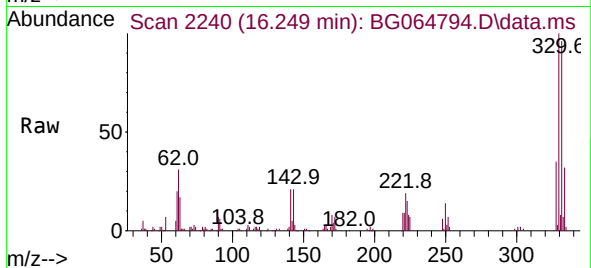
Acq: 17 Nov 2025 21:28

Instrument :

BNA_G

ClientSampleId :

B5-0.0-0.5-20251114



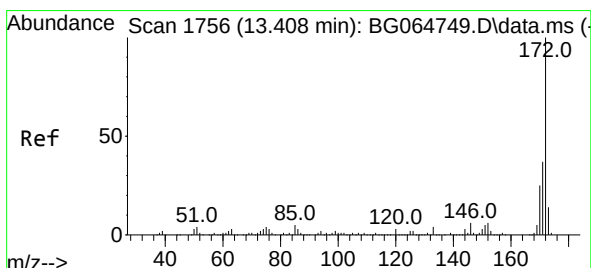
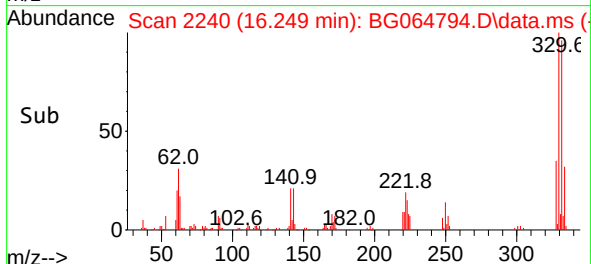
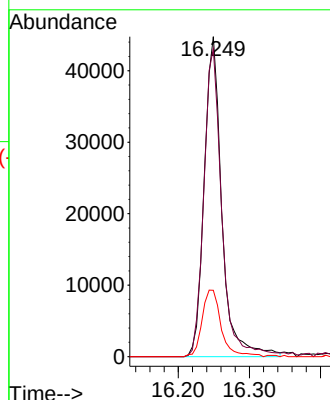
Tgt Ion:330 Resp: 76928

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

141 22.5 18.2 27.2



#45

2-Fluorobiphenyl

Concen: 50.542 ng

RT: 13.405 min Scan# 1756

Delta R.T. -0.003 min

Lab File: BG064794.D

Acq: 17 Nov 2025 21:28

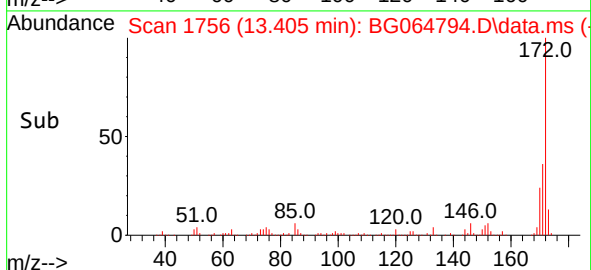
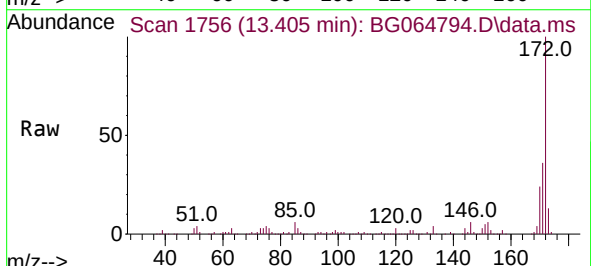
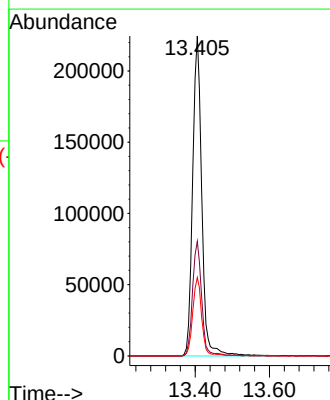
Tgt Ion:172 Resp: 383889

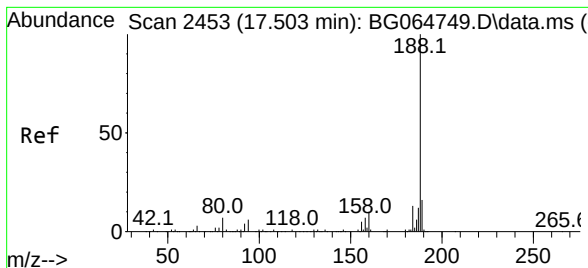
Ion Ratio Lower Upper

172 100

171 35.8 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. -0.003 min

Lab File: BG064794.D

Acq: 17 Nov 2025 21:28

Instrument :

BNA_G

ClientSampleId :

B5-0.0-0.5-20251114

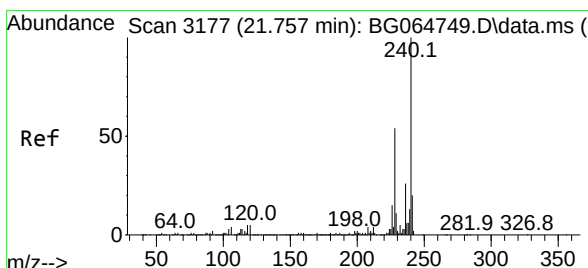
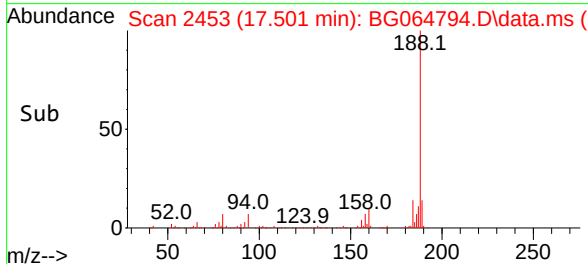
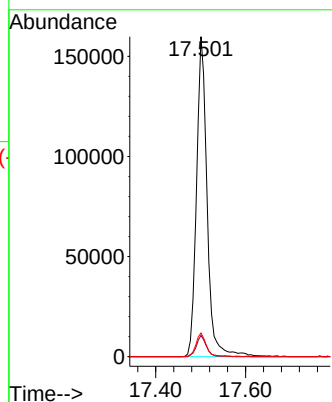
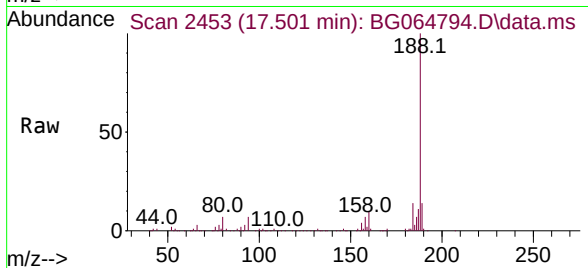
Tgt Ion:188 Resp: 261717

Ion Ratio Lower Upper

188 100

94 6.6 4.7 7.1

80 7.4 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.749 min Scan# 3176

Delta R.T. -0.009 min

Lab File: BG064794.D

Acq: 17 Nov 2025 21:28

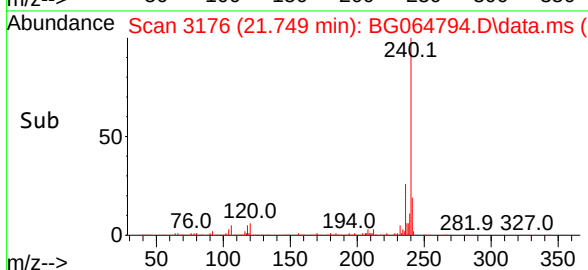
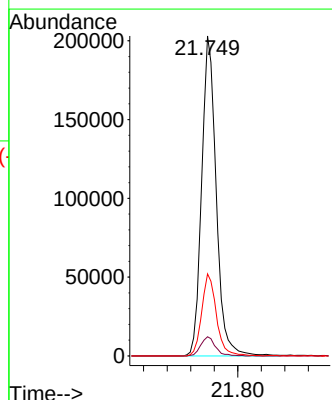
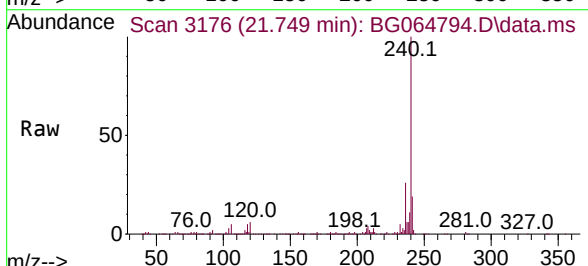
Tgt Ion:240 Resp: 348460

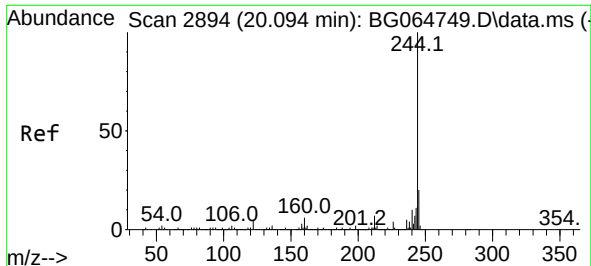
Ion Ratio Lower Upper

240 100

120 6.0 4.2 6.4

236 25.6 20.8 31.2

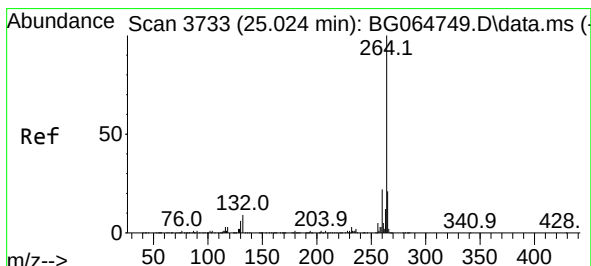
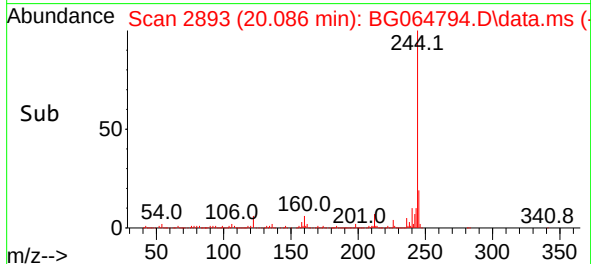
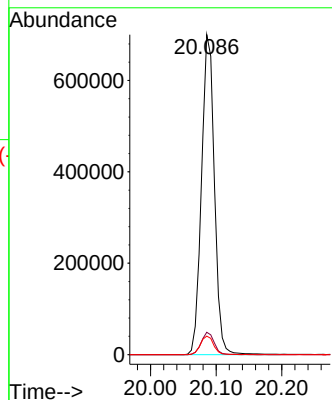
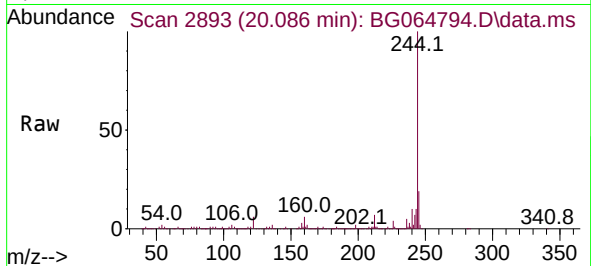




#79
 Terphenyl-d14
 Concen: 53.698 ng
 RT: 20.086 min Scan# 2893
 Delta R.T. -0.009 min
 Lab File: BG064794.D
 Acq: 17 Nov 2025 21:28

Instrument :
 BNA_G
 ClientSampleId :
 B5-0.0-0.5-20251114

Tgt Ion:244 Resp: 951230
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.8 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.009 min Scan# 3731
 Delta R.T. -0.014 min
 Lab File: BG064794.D
 Acq: 17 Nov 2025 21:28

Tgt Ion:264 Resp: 360076
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.2 25.8
 265 21.7 16.6 25.0

