

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064795.D
 Acq On : 17 Nov 2025 22:09
 Operator : RC/JU
 Sample : Q3649-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114

Quant Time: Nov 18 00:24:35 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	36122	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	135327	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	107446	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	269264	20.000	ng	0.00
76) Chrysene-d12	21.748	240	355916	20.000	ng	0.00
86) Perylene-d12	25.009	264	358460	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	250174	120.940	ng	0.00
7) Phenol-d6	7.306	99	331319	120.422	ng	0.00
23) Nitrobenzene-d5	9.322	82	212928	77.795	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	258052	123.144	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	599039	77.794	ng	0.00
79) Terphenyl-d14	20.092	244	1431969	79.143	ng	0.00

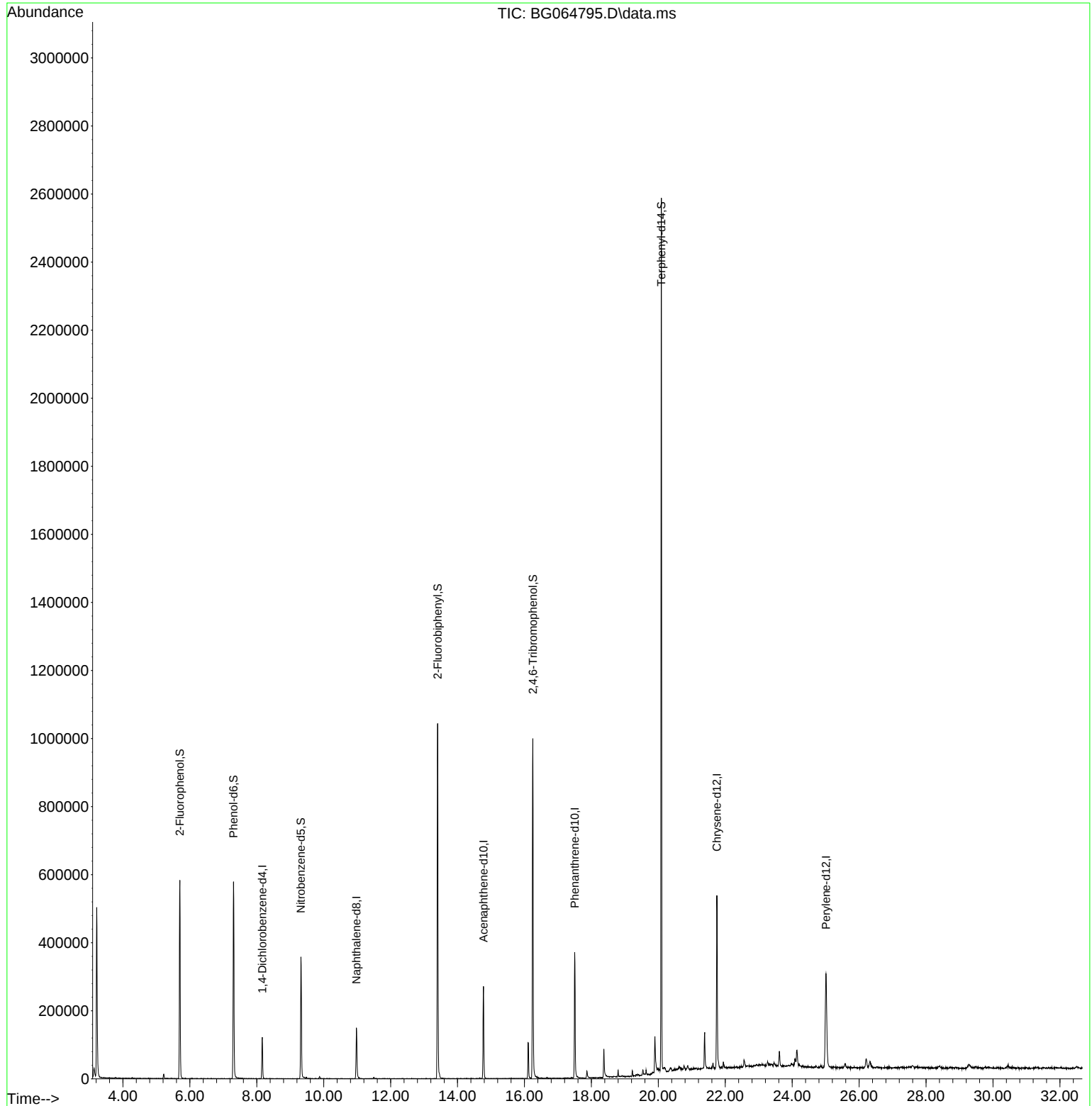
Target Compounds	Qvalue

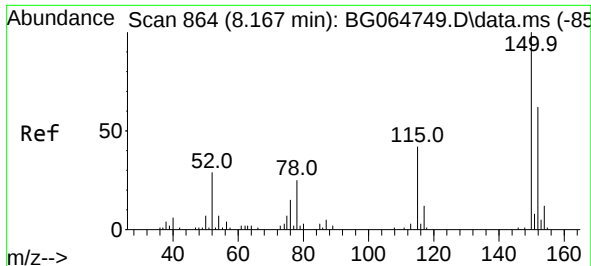
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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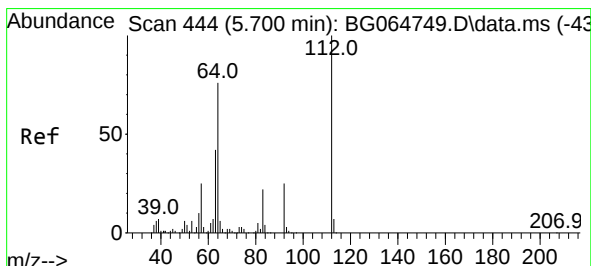
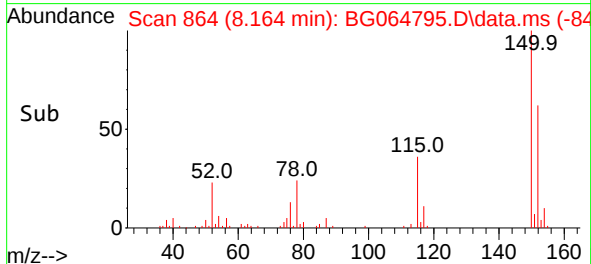
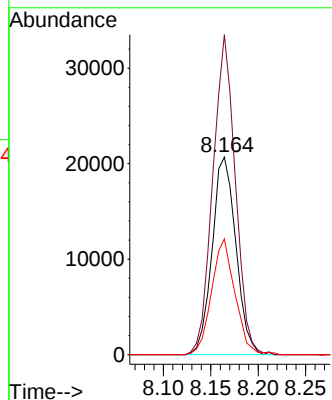
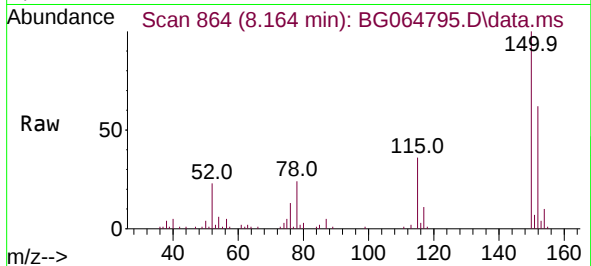




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 864
Delta R.T. -0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

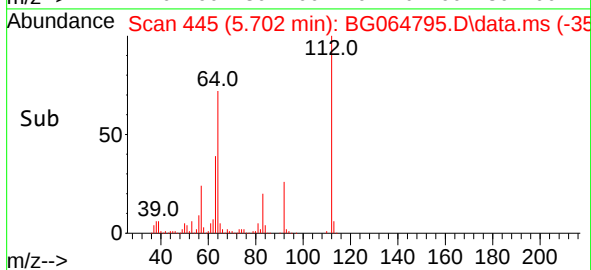
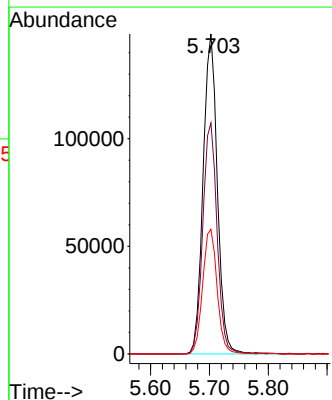
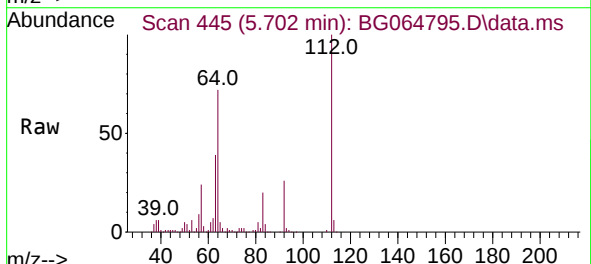
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114

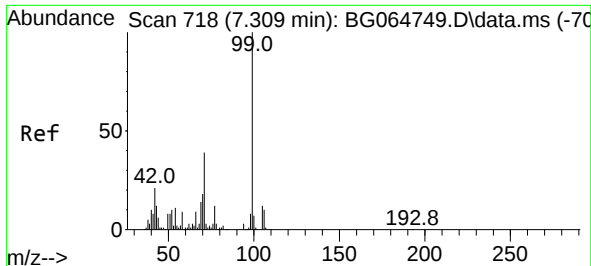
Tgt Ion:152 Resp: 36122
Ion Ratio Lower Upper
152 100
150 162.0 129.2 193.8
115 58.6 53.7 80.5



#5
2-Fluorophenol
Concen: 120.940 ng
RT: 5.702 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

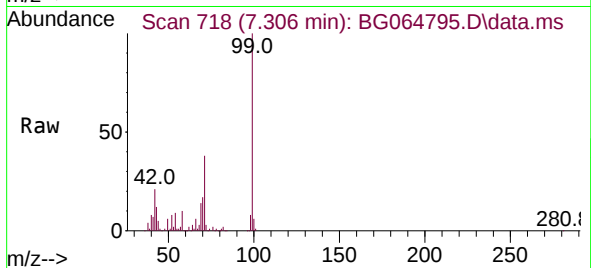
Tgt Ion:112 Resp: 250174
Ion Ratio Lower Upper
112 100
64 72.2 61.0 91.4
63 38.9 33.3 49.9





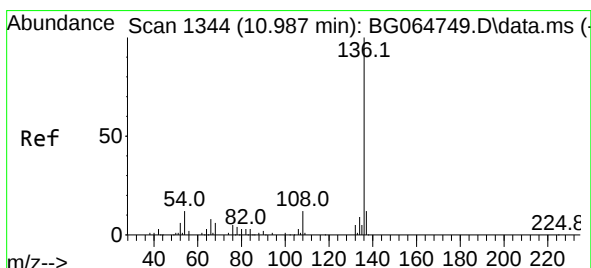
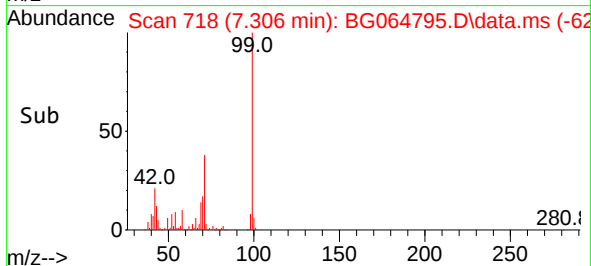
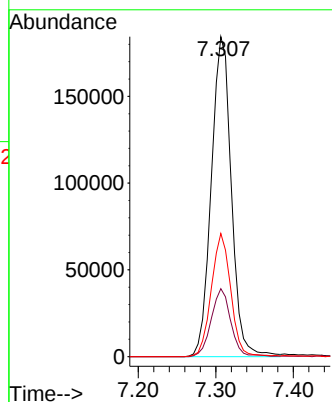
#7
Phenol-d6
Concen: 120.422 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114



Tgt Ion: 99 Resp: 331319

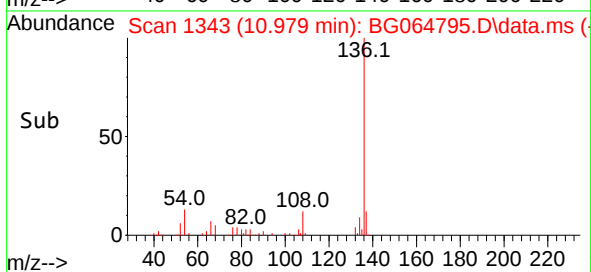
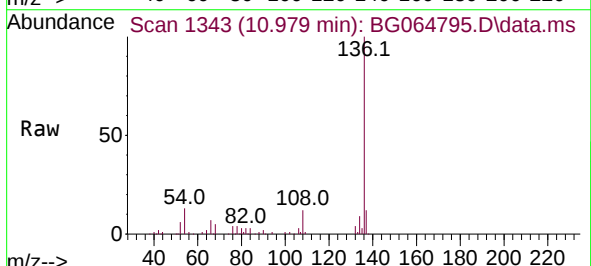
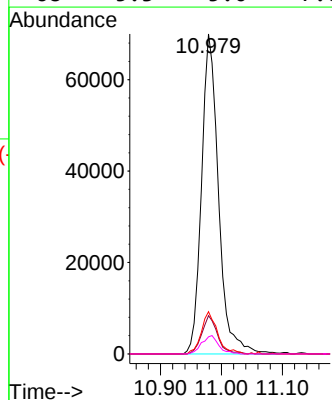
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	38.5	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion: 136 Resp: 135327

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	13.2	9.3	13.9
68	5.3	5.0	7.6





#23

Nitrobenzene-d5

Concen: 77.795 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064795.D

Acq: 17 Nov 2025 22:09

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114

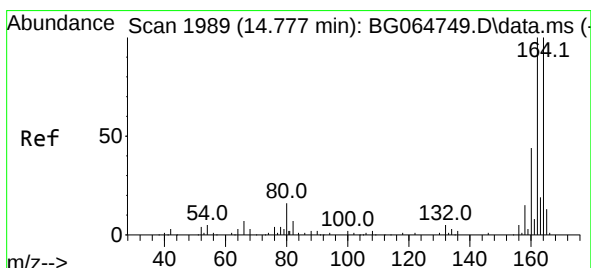
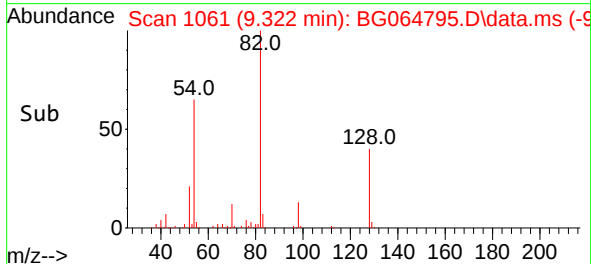
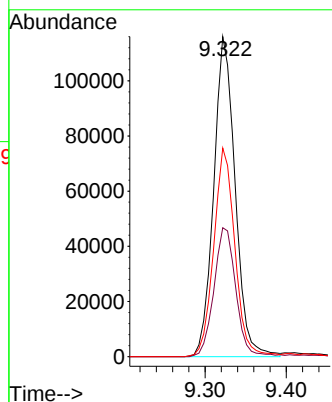
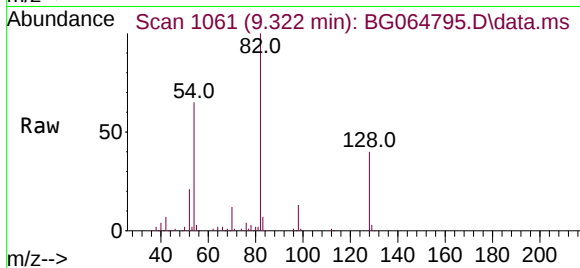
Tgt Ion: 82 Resp: 212928

Ion Ratio Lower Upper

82 100

128 40.3 34.1 51.1

54 65.2 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: BG064795.D

Acq: 17 Nov 2025 22:09

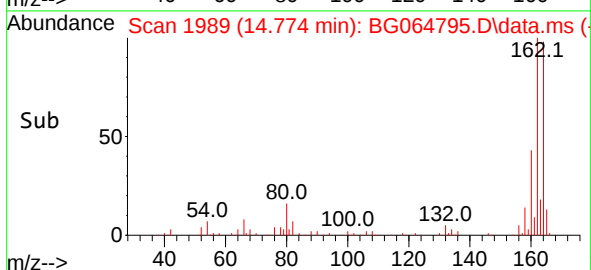
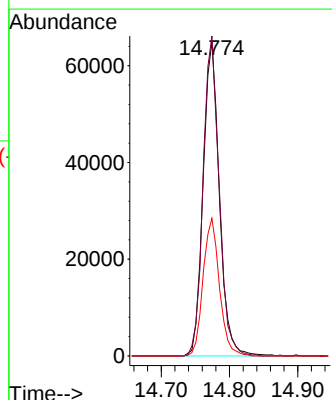
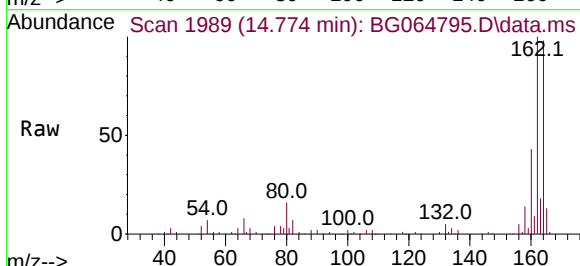
Tgt Ion: 164 Resp: 107446

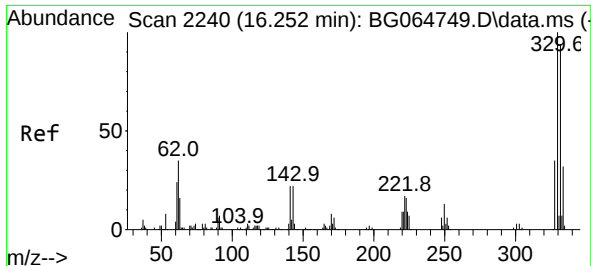
Ion Ratio Lower Upper

164 100

162 101.9 79.8 119.6

160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 123.144 ng

RT: 16.249 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064795.D

Acq: 17 Nov 2025 22:09

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114

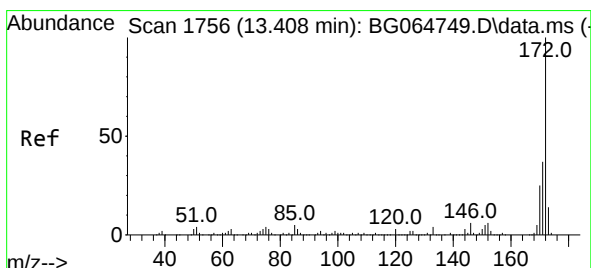
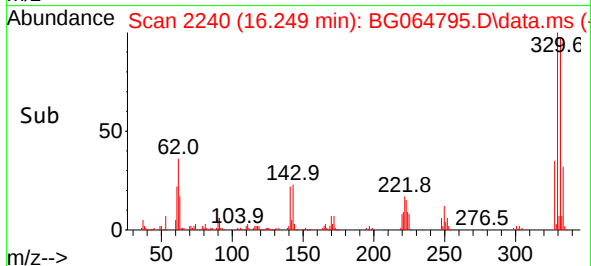
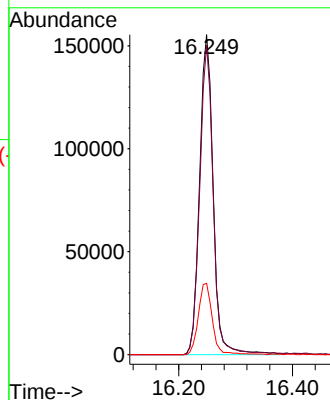
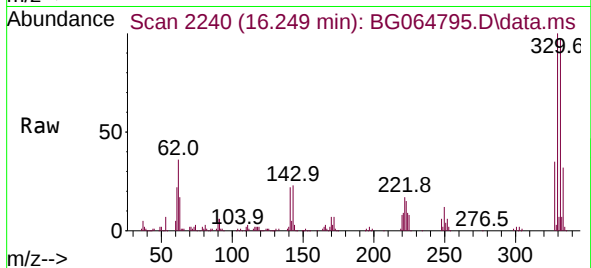
Tgt Ion:330 Resp: 258052

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

141 22.8 18.2 27.2



#45

2-Fluorobiphenyl

Concen: 77.794 ng

RT: 13.405 min Scan# 1756

Delta R.T. -0.003 min

Lab File: BG064795.D

Acq: 17 Nov 2025 22:09

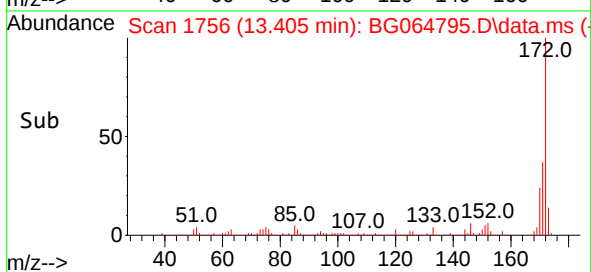
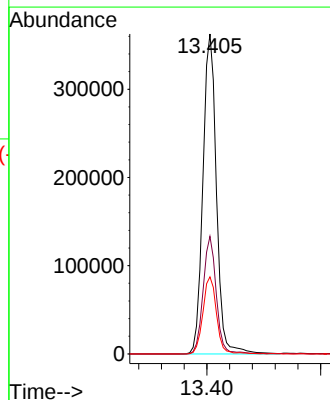
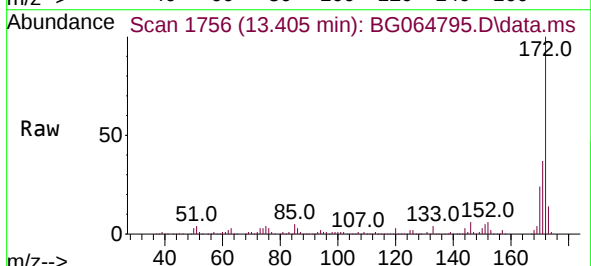
Tgt Ion:172 Resp: 599039

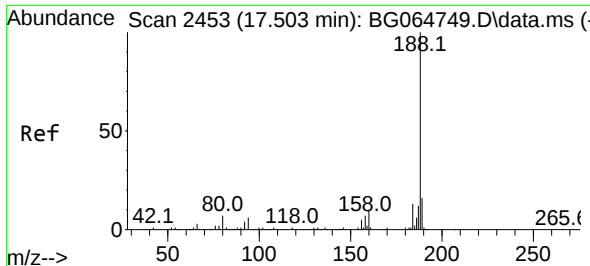
Ion Ratio Lower Upper

172 100

171 36.7 29.9 44.9

170 24.1 19.8 29.6

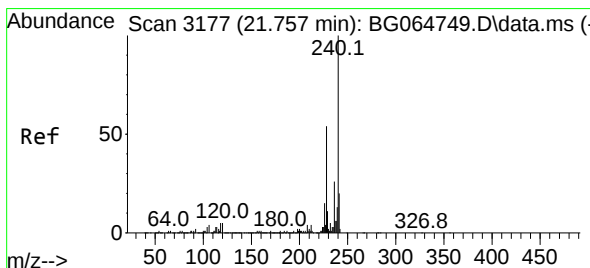
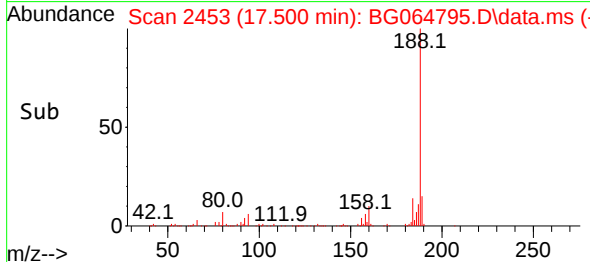
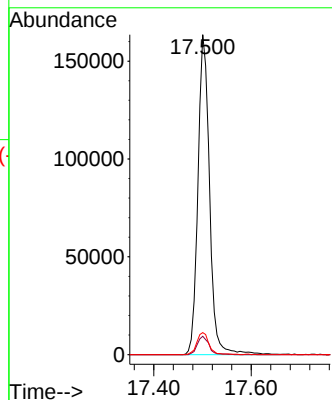
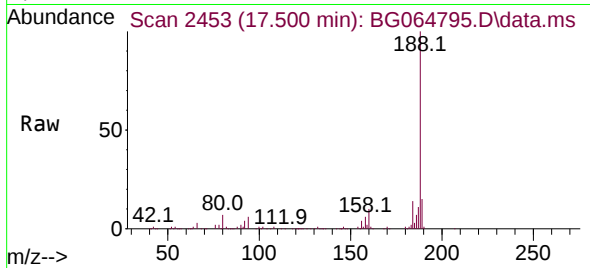




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

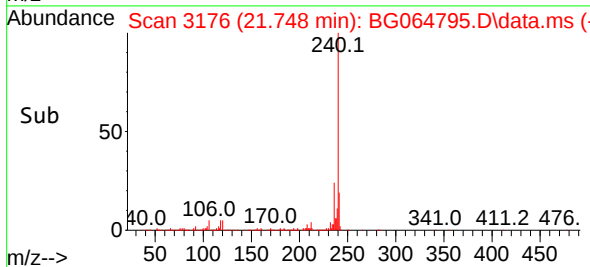
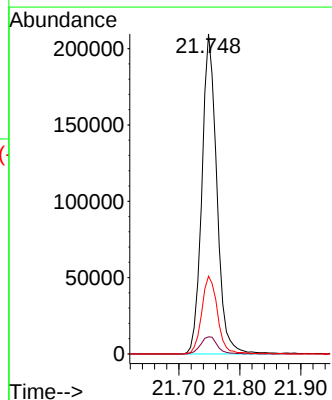
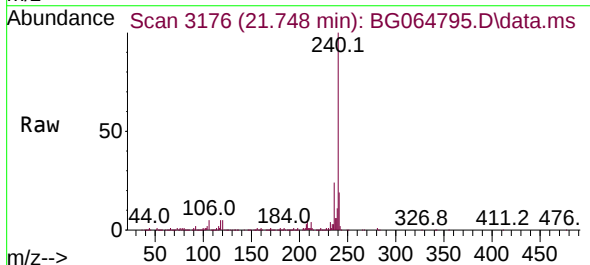
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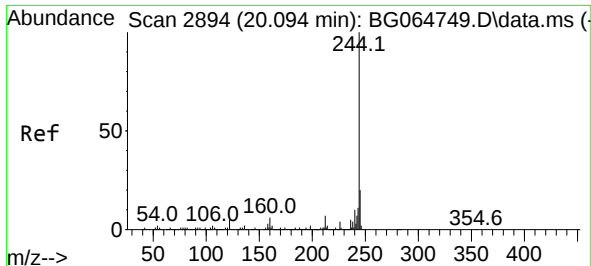
Tgt Ion:188 Resp: 269264
Ion Ratio Lower Upper
188 100
94 5.7 4.7 7.1
80 6.9 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion:240 Resp: 355916
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 24.3 20.8 31.2

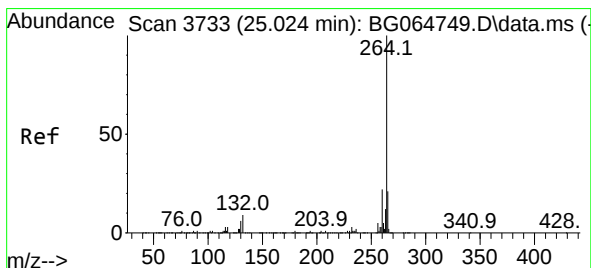
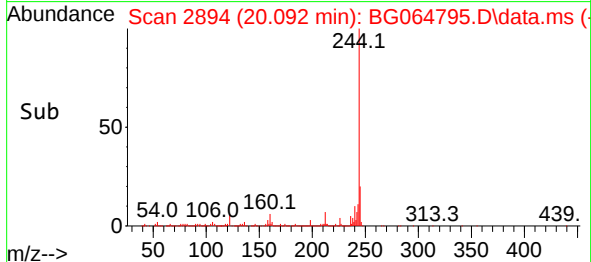
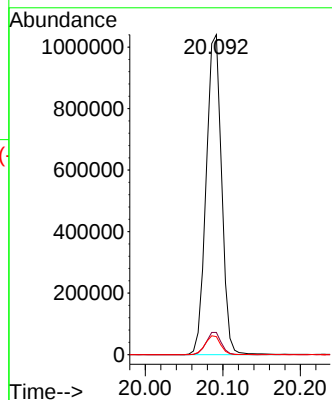
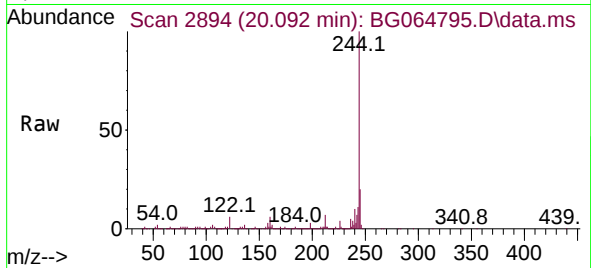




#79
 Terphenyl-d14
 Concen: 79.143 ng
 RT: 20.092 min Scan# 2894
 Delta R.T. -0.003 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114

Tgt Ion:244 Resp: 1431969
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 5.6 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.009 min Scan# 3731
 Delta R.T. -0.015 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

Tgt Ion:264 Resp: 358460
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.2 25.8
 265 20.9 16.6 25.0

