

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064828.D
 Acq On : 20 Nov 2025 10:40
 Operator : RC/JU
 Sample : PB170608BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170608BL

Quant Time: Nov 20 11:16:31 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	41296	20.000	ng	# 0.00
21) Naphthalene-d8	10.979	136	159656	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	129463	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	324006	20.000	ng	0.00
76) Chrysene-d12	21.748	240	436663	20.000	ng	0.00
86) Perylene-d12	25.003	264	425753	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	327983	138.689	ng	0.00
7) Phenol-d6	7.306	99	419589	133.398	ng	0.00
23) Nitrobenzene-d5	9.322	82	265302	82.160	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	315735	125.047	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	775735	83.608	ng	0.00
79) Terphenyl-d14	20.086	244	2028093	91.362	ng	0.00

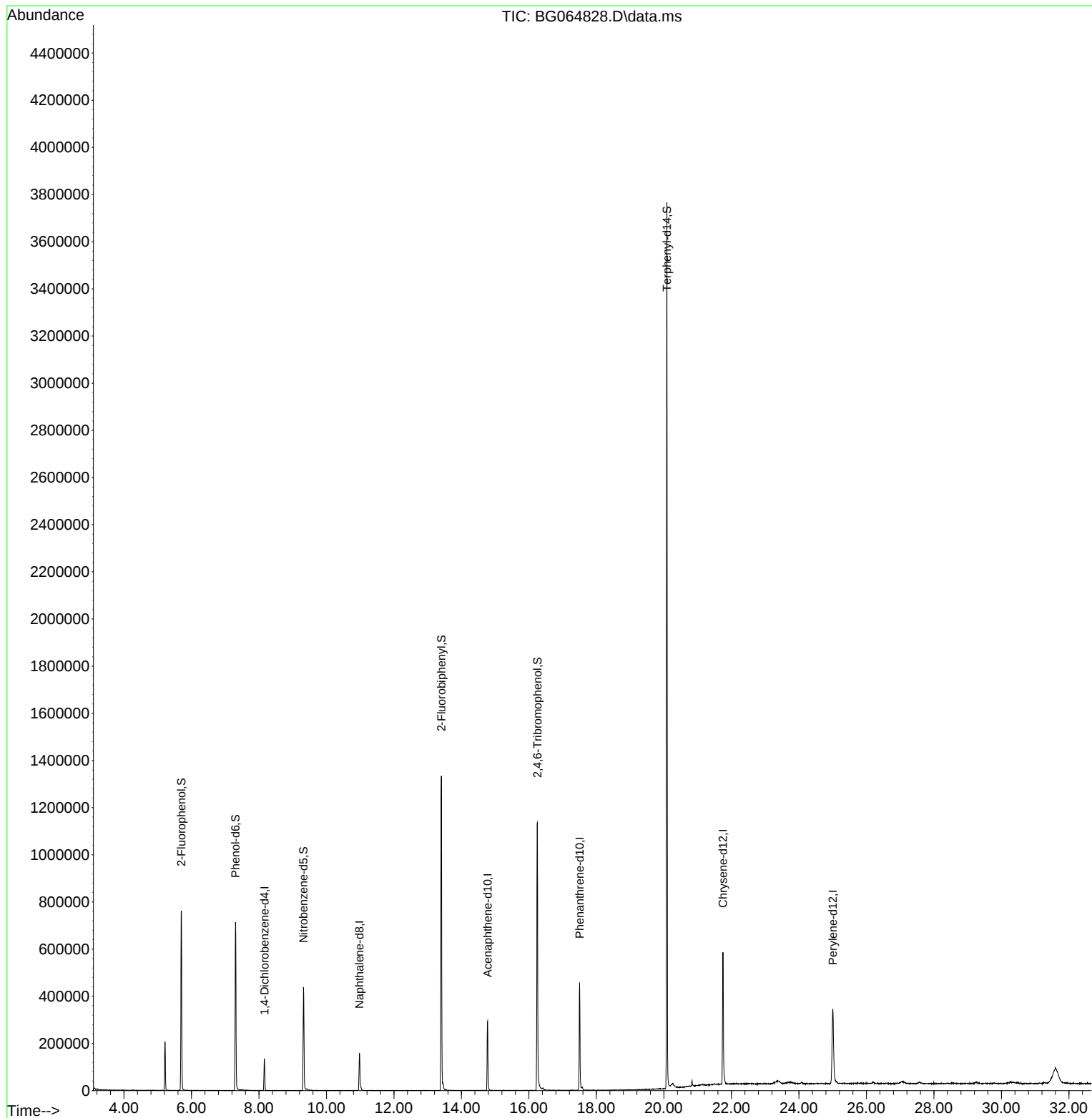
Target Compounds Qvalue

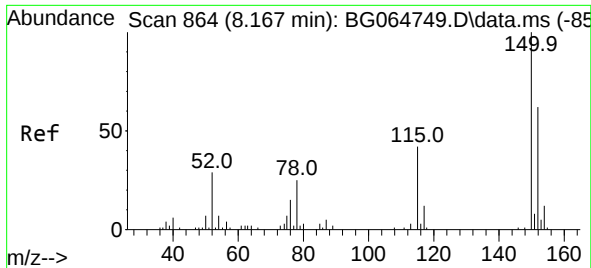
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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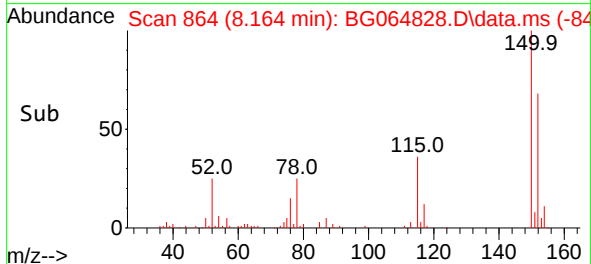
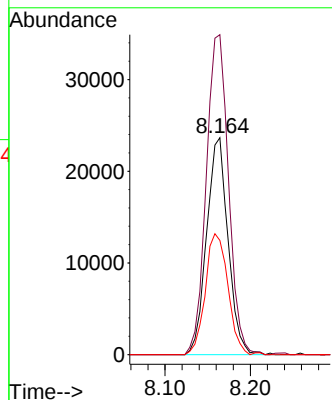
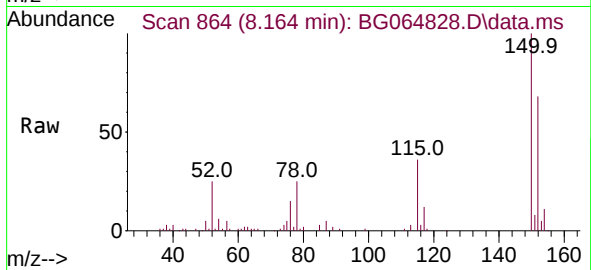




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064828.D
 Acq: 20 Nov 2025 10:40

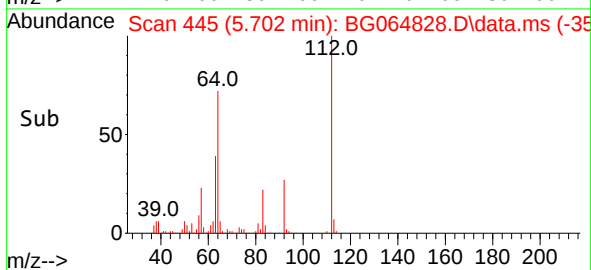
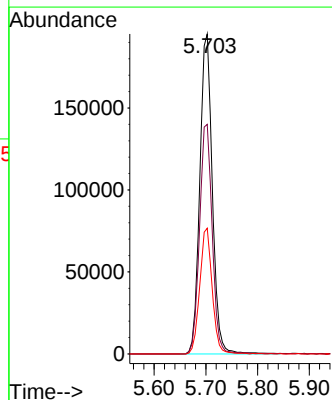
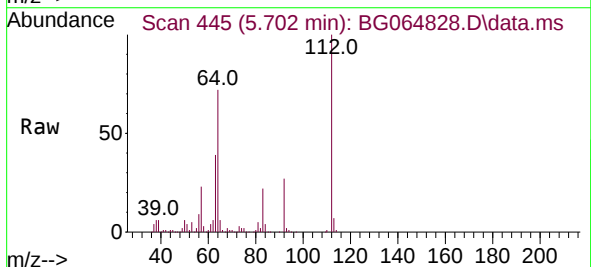
Instrument :
 BNA_G
 ClientSampleId :
 PB170608BL

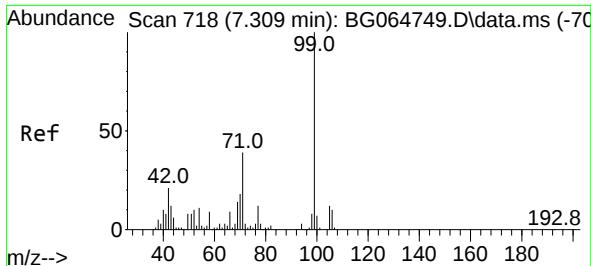
Tgt Ion:152 Resp: 41296
 Ion Ratio Lower Upper
 152 100
 150 147.5 129.2 193.8
 115 52.7 53.7 80.5#



#5
 2-Fluorophenol
 Concen: 138.689 ng
 RT: 5.702 min Scan# 445
 Delta R.T. 0.003 min
 Lab File: BG064828.D
 Acq: 20 Nov 2025 10:40

Tgt Ion:112 Resp: 327983
 Ion Ratio Lower Upper
 112 100
 64 71.7 61.0 91.4
 63 39.3 33.3 49.9

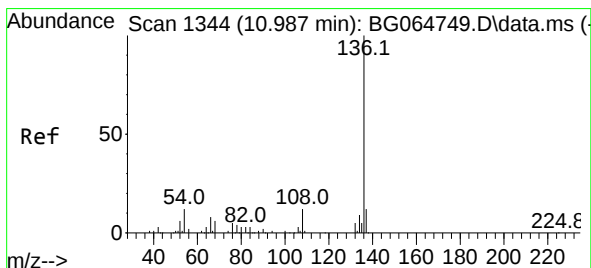
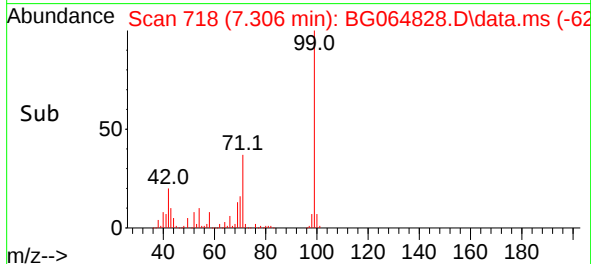
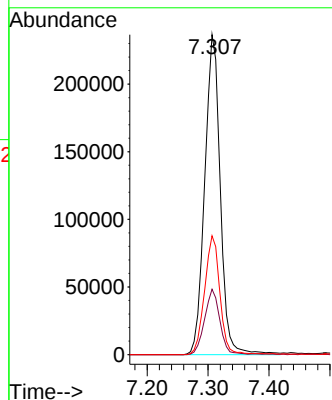
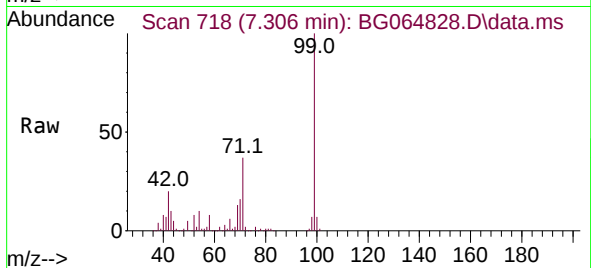




#7
Phenol-d6
Concen: 133.398 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064828.D
Acq: 20 Nov 2025 10:40

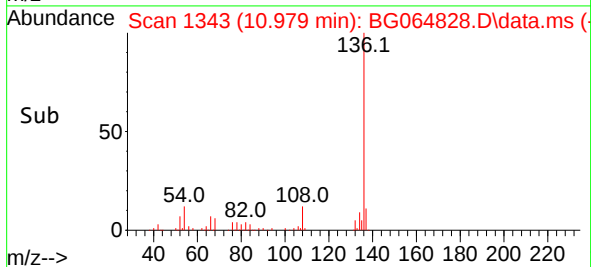
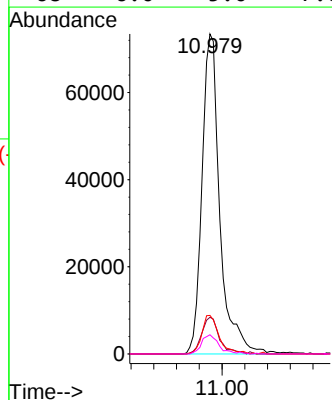
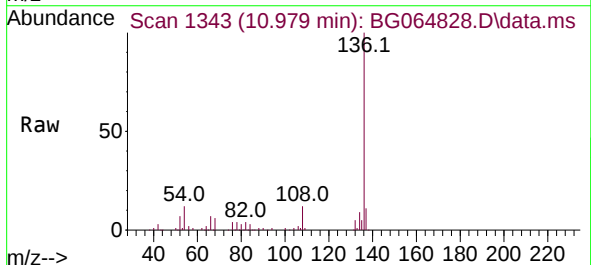
Instrument :
BNA_G
ClientSampleId :
PB170608BL

Tgt Ion: 99 Resp: 419589
Ion Ratio Lower Upper
99 100
42 20.4 16.8 25.2
71 37.1 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: BG064828.D
Acq: 20 Nov 2025 10:40

Tgt Ion:136 Resp: 159656
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 12.0 9.3 13.9
68 6.0 5.0 7.6

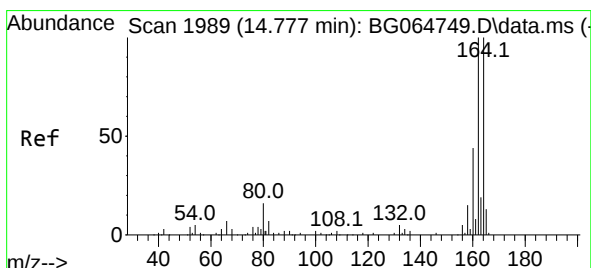
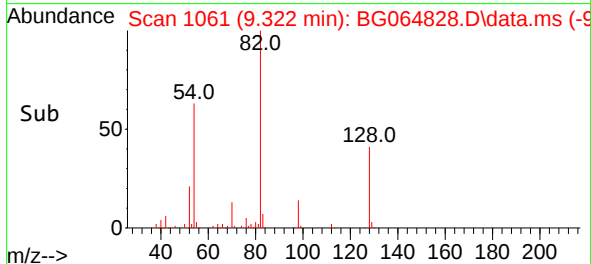
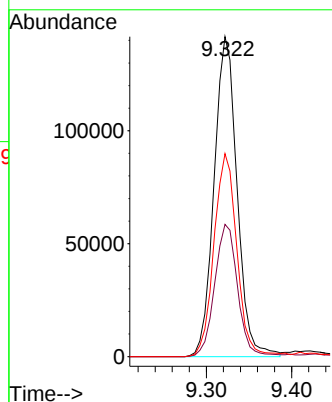
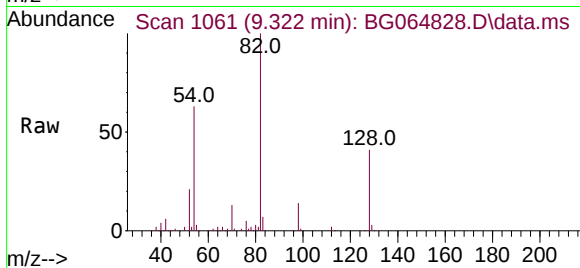




#23
Nitrobenzene-d5
Concen: 82.160 ng
RT: 9.322 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG064828.D
Acq: 20 Nov 2025 10:40

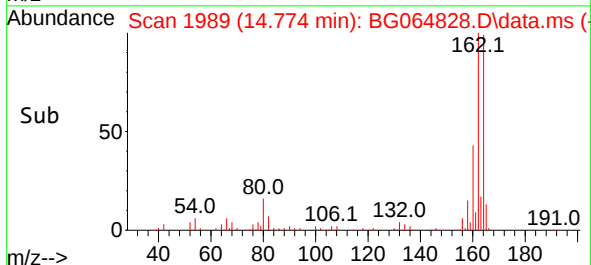
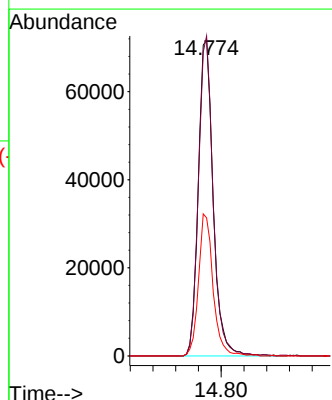
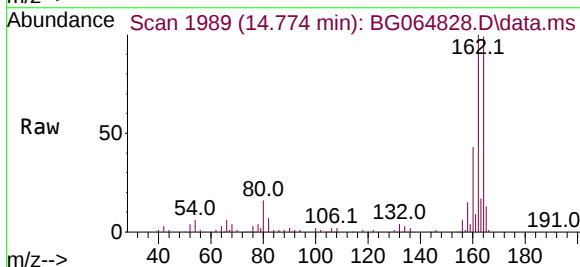
Instrument :
BNA_G
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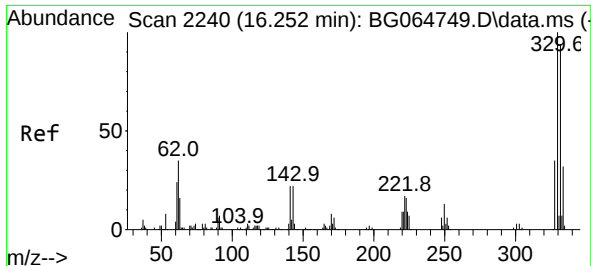
Tgt Ion: 82 Resp: 265302
Ion Ratio Lower Upper
82 100
128 41.3 34.1 51.1
54 63.4 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064828.D
Acq: 20 Nov 2025 10:40

Tgt Ion:164 Resp: 129463
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.6
160 43.7 34.9 52.3

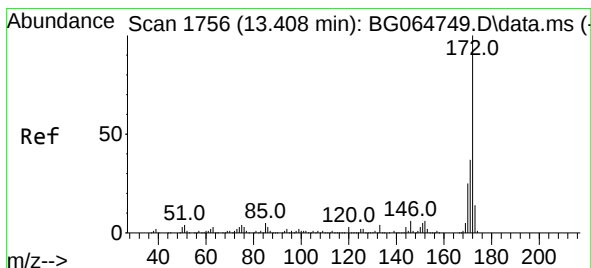
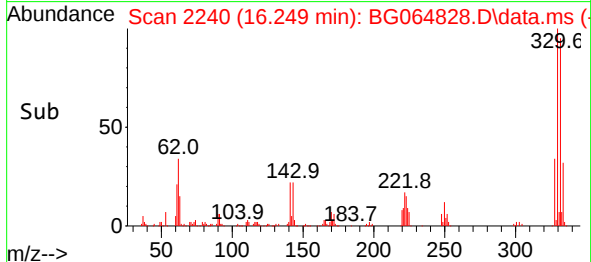
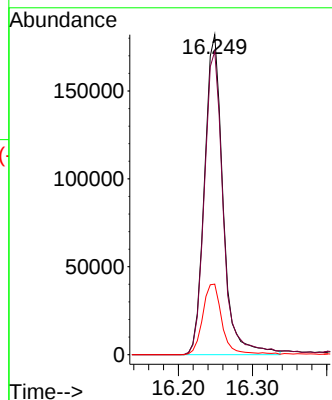
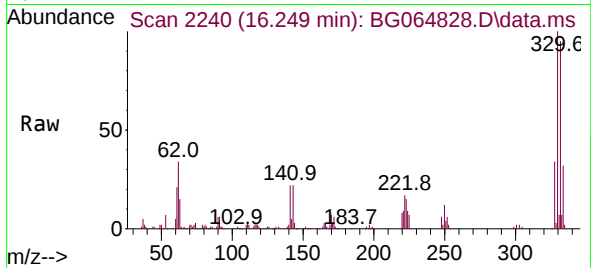




#42
 2,4,6-Tribromophenol
 Concen: 125.047 ng
 RT: 16.249 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064828.D
 Acq: 20 Nov 2025 10:40

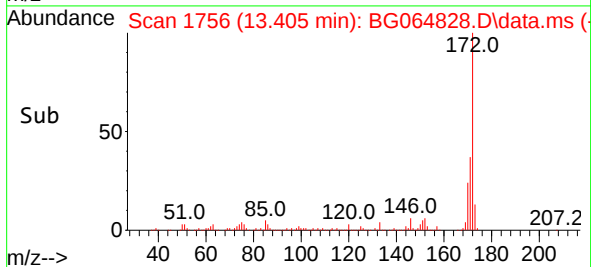
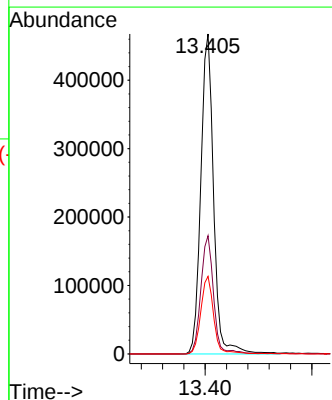
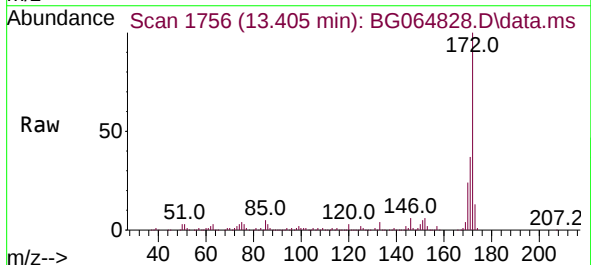
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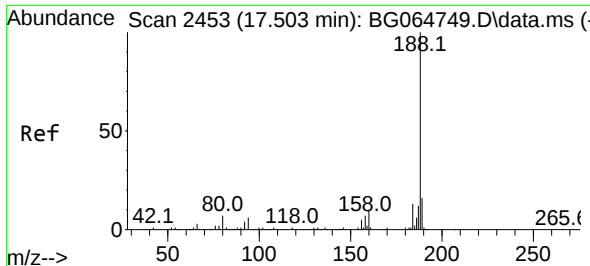
Tgt Ion:330 Resp: 315735
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 22.7 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 83.608 ng
 RT: 13.405 min Scan# 1756
 Delta R.T. -0.003 min
 Lab File: BG064828.D
 Acq: 20 Nov 2025 10:40

Tgt Ion:172 Resp: 775735
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.9 44.9
 170 24.2 19.8 29.6

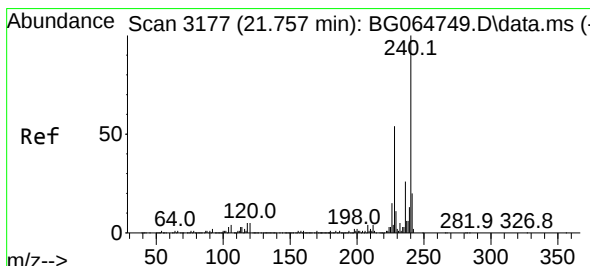
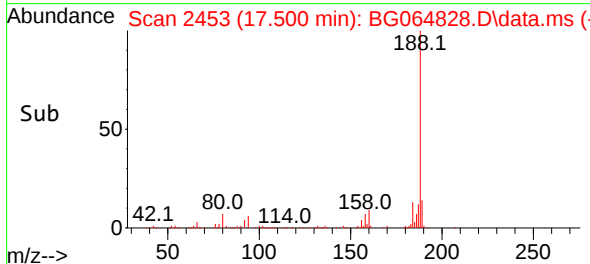
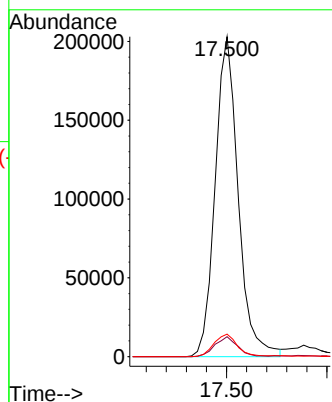
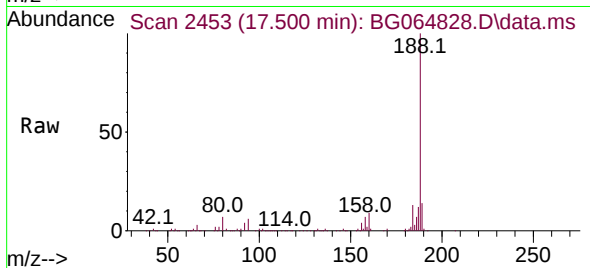




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064828.D
Acq: 20 Nov 2025 10:40

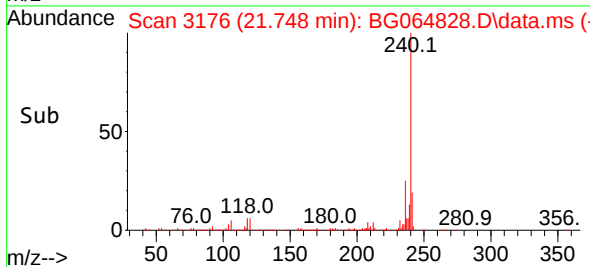
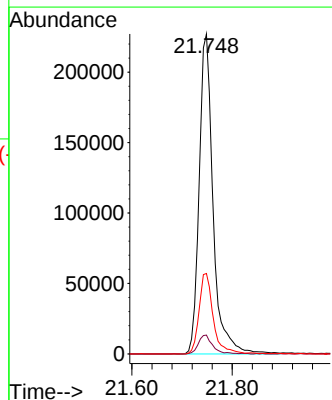
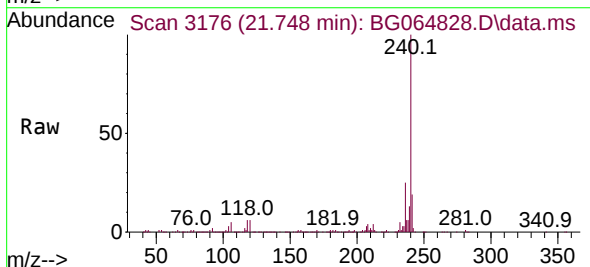
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PB170608BL

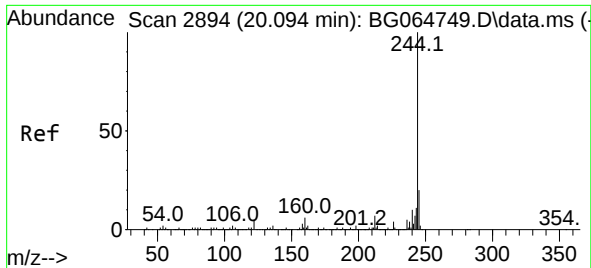
Tgt Ion:188 Resp: 324006
Ion Ratio Lower Upper
188 100
94 6.2 4.7 7.1
80 7.0 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064828.D
Acq: 20 Nov 2025 10:40

Tgt Ion:240 Resp: 436663
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.4
236 25.1 20.8 31.2

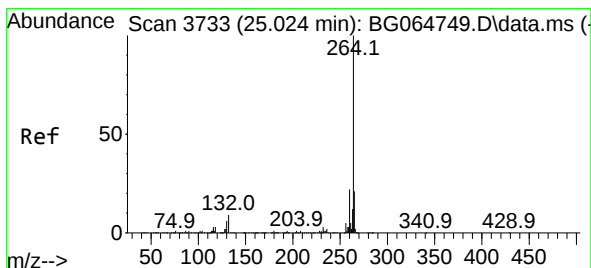
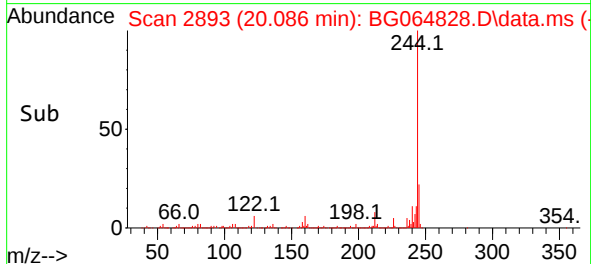
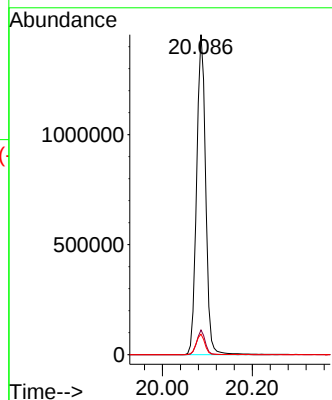
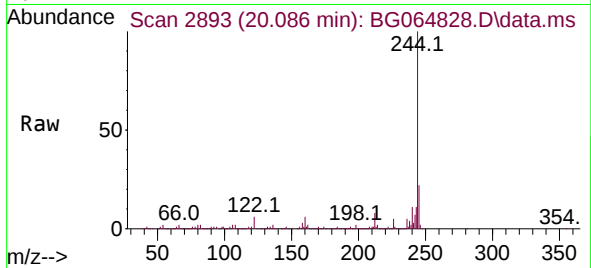




#79
 Terphenyl-d14
 Concen: 91.362 ng
 RT: 20.086 min Scan# 2893
 Delta R.T. -0.009 min
 Lab File: BG064828.D
 Acq: 20 Nov 2025 10:40

Instrument :
 BNA_G
 ClientSampleId :
 PB170608BL

Tgt Ion:244 Resp: 2028093
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 6.4 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3730
 Delta R.T. -0.021 min
 Lab File: BG064828.D
 Acq: 20 Nov 2025 10:40

Tgt Ion:264 Resp: 425753
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.2 25.8
 265 21.2 16.6 25.0

