

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
 Data File : BG064963.D
 Acq On : 16 Dec 2025 19:57
 Operator : RC/JU
 Sample : PB170956BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170956BL

Quant Time: Dec 17 05:57:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 17 05:53:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	45135	20.000	ng	0.00
21) Naphthalene-d8	10.844	136	186760	20.000	ng	0.00
39) Acenaphthene-d10	14.657	164	149281	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	345692	20.000	ng	0.00
76) Chrysene-d12	21.637	240	370700	20.000	ng	0.00
86) Perylene-d12	24.804	264	413458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.603	112	409769	146.404	ng	0.00
7) Phenol-d6	7.189	99	557114	142.208	ng	0.00
23) Nitrobenzene-d5	9.199	82	314606	100.043	ng	0.00
42) 2,4,6-Tribromophenol	16.132	330	283988	146.621	ng	0.00
45) 2-Fluorobiphenyl	13.288	172	924640	92.171	ng	0.00
79) Terphenyl-d14	19.998	244	1833788	93.266	ng	0.00

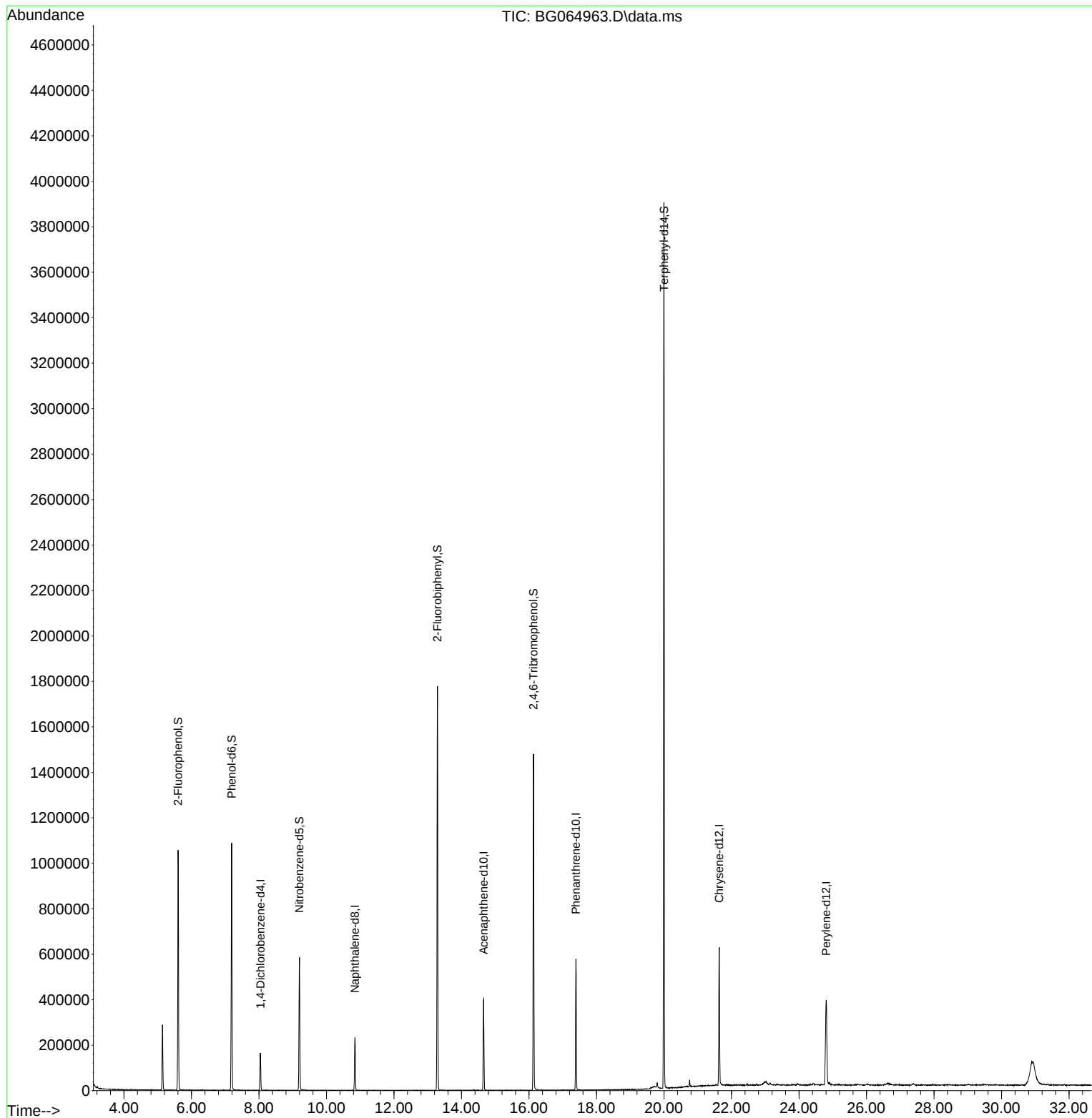
Target Compounds	Qvalue

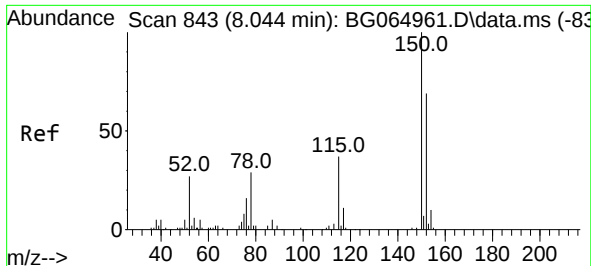
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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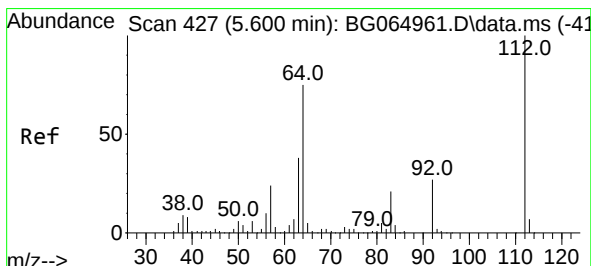
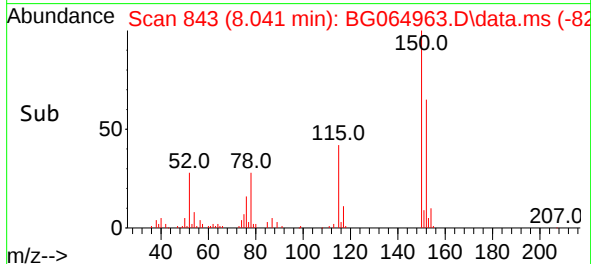
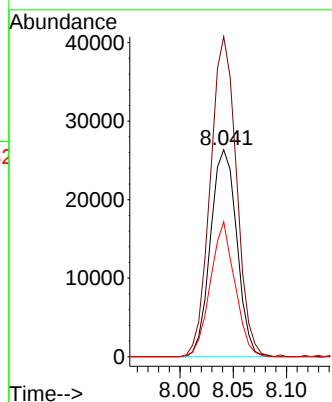
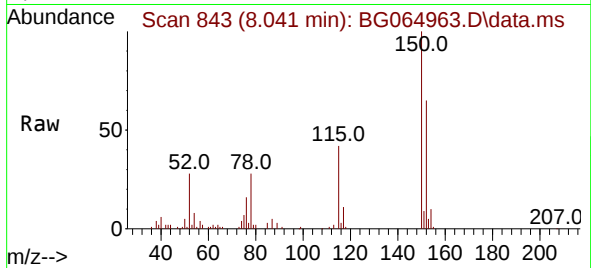




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.041 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG064963.D
 Acq: 16 Dec 2025 19:57

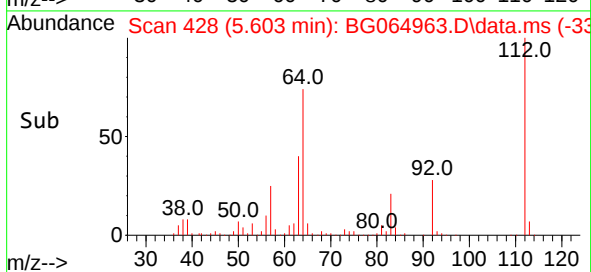
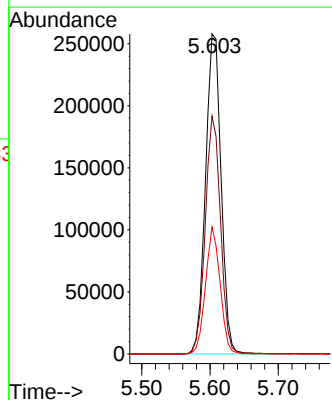
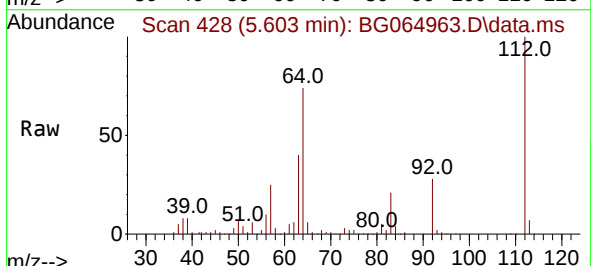
Instrument :
 BNA_G
 ClientSampleId :
 PB170956BL

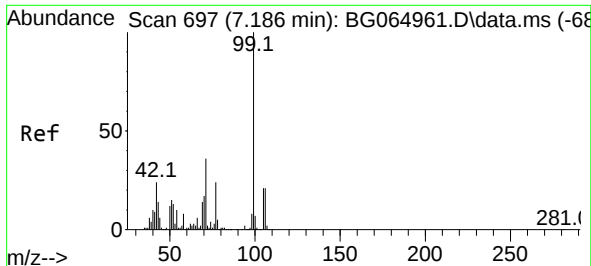
Tgt Ion:152 Resp: 45135
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.0 189.0
 115 65.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 146.404 ng
 RT: 5.603 min Scan# 428
 Delta R.T. 0.003 min
 Lab File: BG064963.D
 Acq: 16 Dec 2025 19:57

Tgt Ion:112 Resp: 409769
 Ion Ratio Lower Upper
 112 100
 64 74.4 57.5 86.3
 63 39.6 28.6 43.0

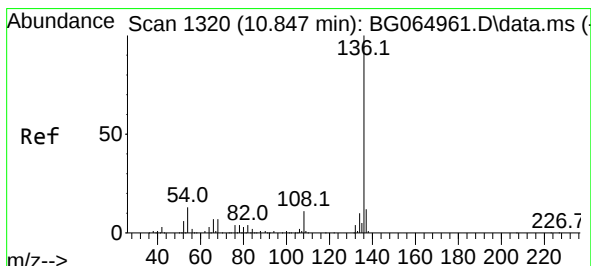
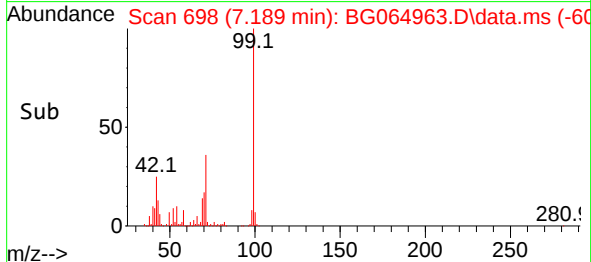
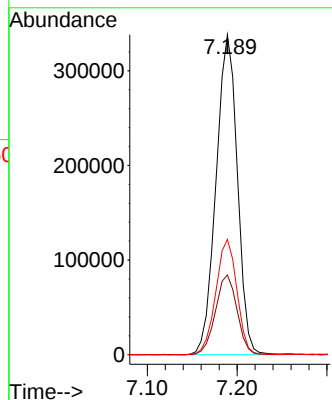
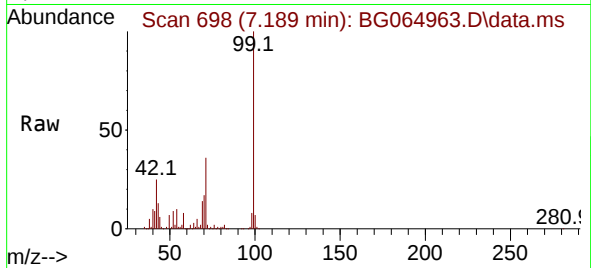




#7
Phenol-d6
Concen: 142.208 ng
RT: 7.189 min Scan# 698
Delta R.T. 0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

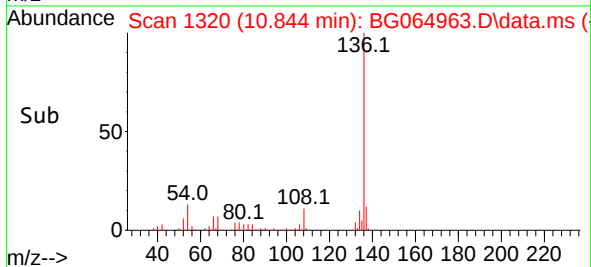
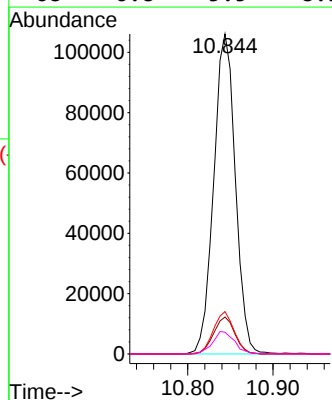
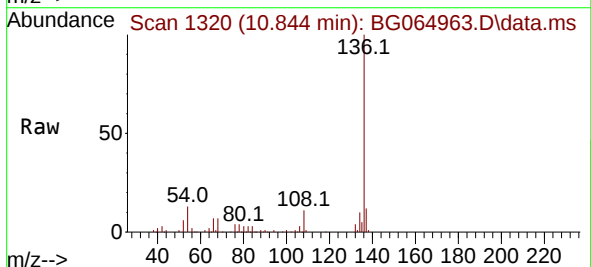
Instrument :
BNA_G
ClientSampleId :
PB170956BL

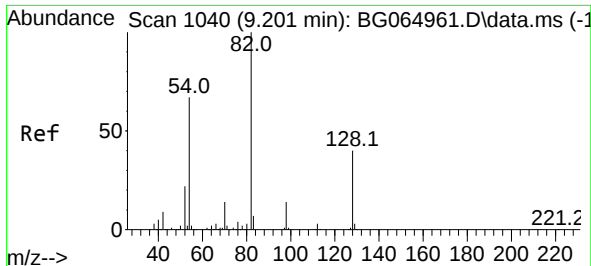
Tgt Ion: 99 Resp: 557114
Ion Ratio Lower Upper
99 100
42 24.9 19.4 29.0
71 36.0 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.844 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion: 136 Resp: 186760
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 13.2 9.6 14.4
68 6.8 5.5 8.3





#23

Nitrobenzene-d5

Concen: 100.043 ng

RT: 9.199 min Scan# 1040

Delta R.T. -0.002 min

Lab File: BG064963.D

Acq: 16 Dec 2025 19:57

Instrument :

BNA_G

ClientSampleId :

PB170956BL

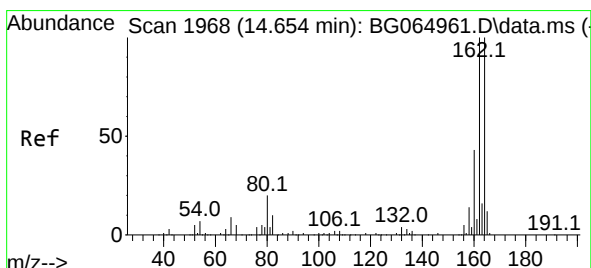
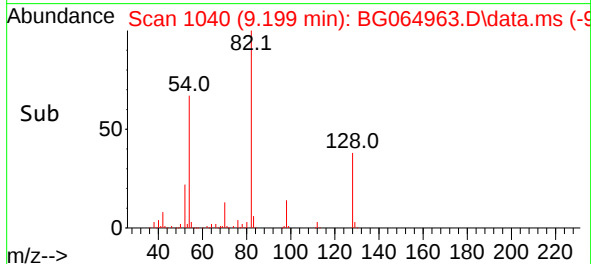
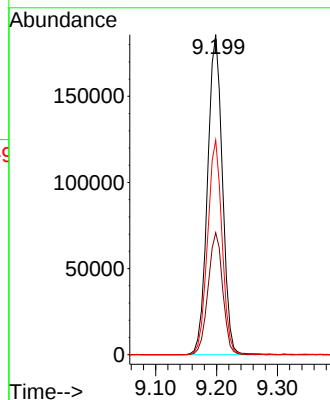
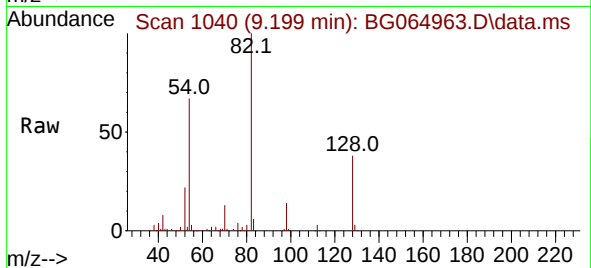
Tgt Ion: 82 Resp: 314606

Ion Ratio Lower Upper

82 100

128 38.1 29.9 44.9

54 67.0 51.5 77.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.657 min Scan# 1969

Delta R.T. 0.003 min

Lab File: BG064963.D

Acq: 16 Dec 2025 19:57

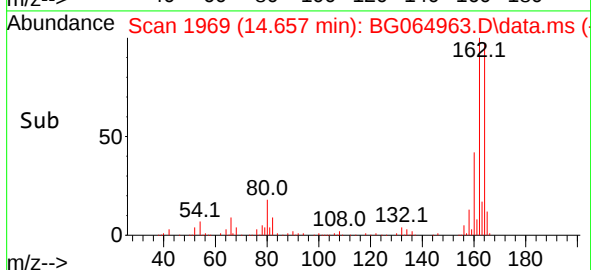
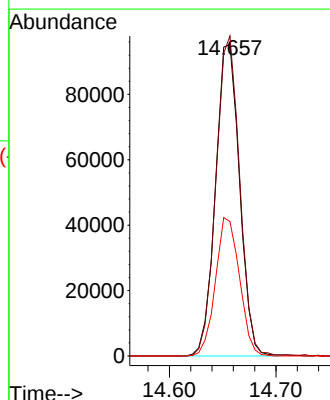
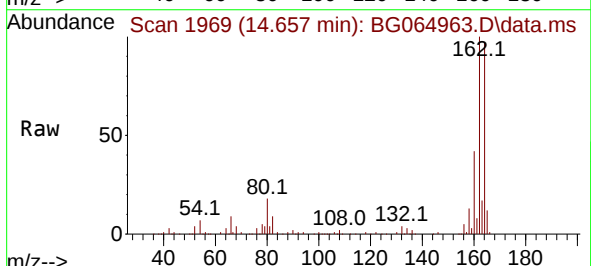
Tgt Ion:164 Resp: 149281

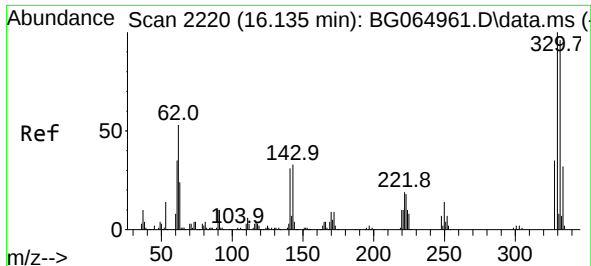
Ion Ratio Lower Upper

164 100

162 102.7 77.9 116.9

160 43.2 35.0 52.6

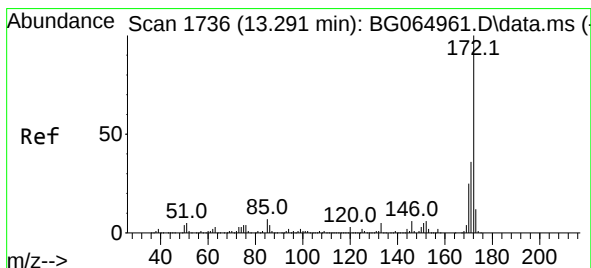
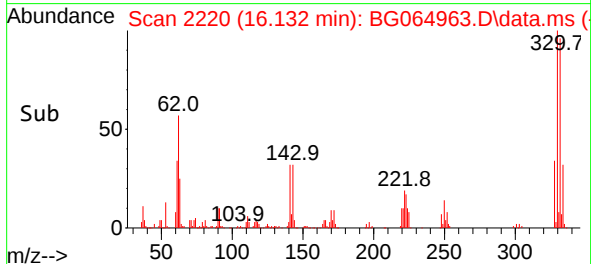
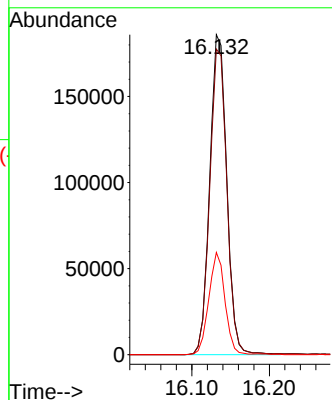
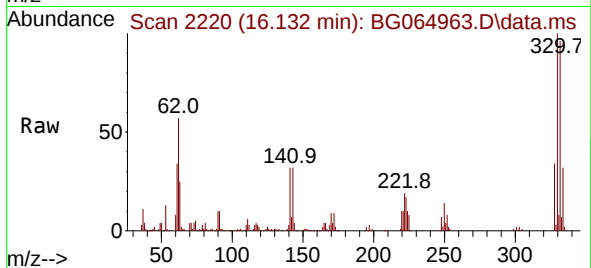




#42
2,4,6-Tribromophenol
Concen: 146.621 ng
RT: 16.132 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

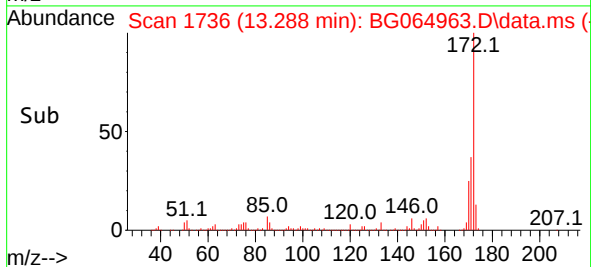
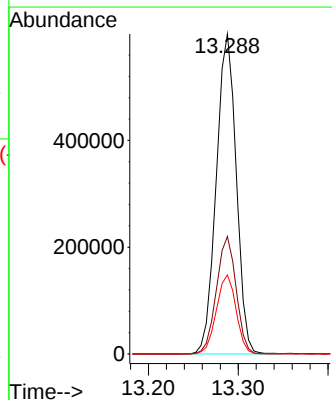
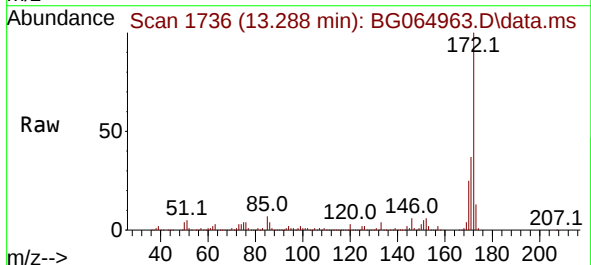
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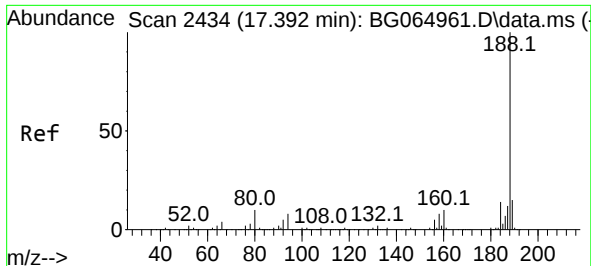
Tgt Ion:330 Resp: 283988
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 30.5 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 92.171 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:172 Resp: 924640
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 24.7 19.9 29.9

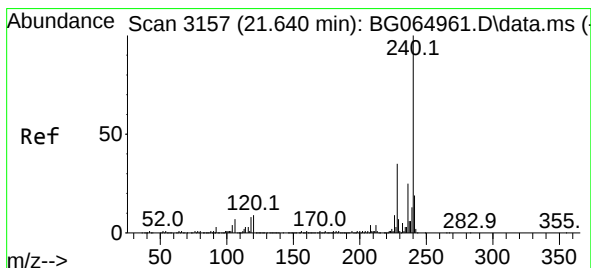
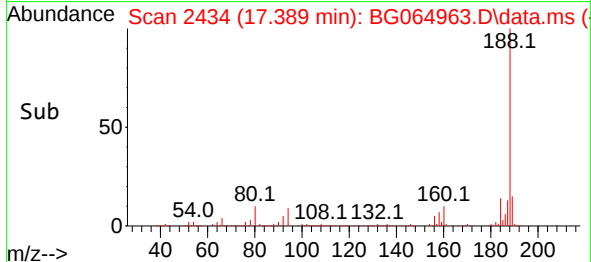
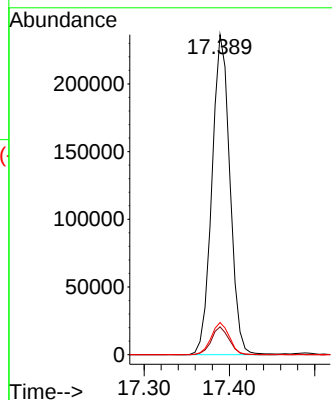
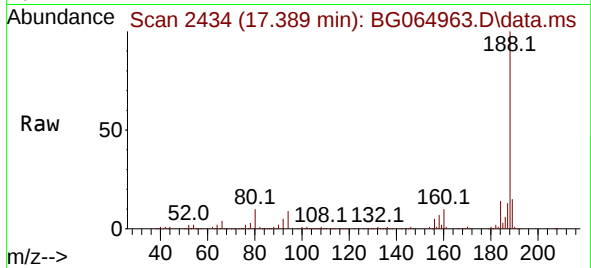




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.389 min Scan# 2434
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

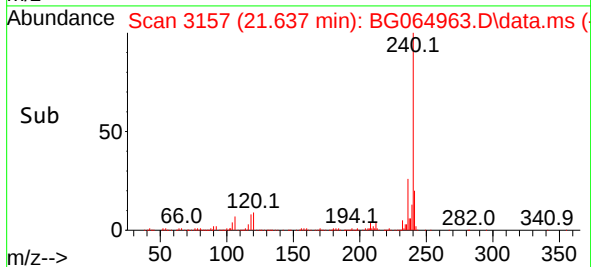
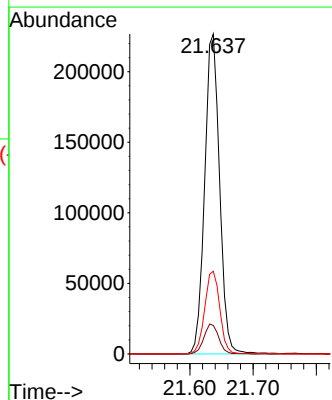
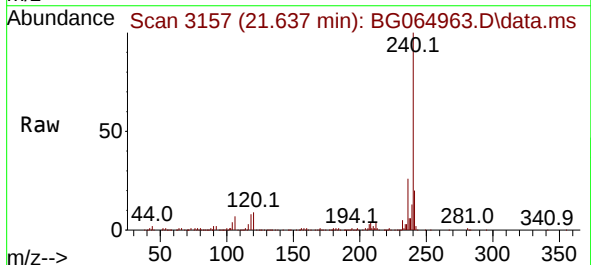
Instrument :
BNA_G
ClientSampleId :
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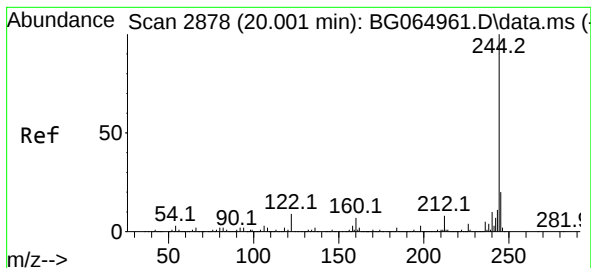
Tgt Ion:188 Resp: 345692
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.637 min Scan# 3157
Delta R.T. -0.003 min
Lab File: BG064963.D
Acq: 16 Dec 2025 19:57

Tgt Ion:240 Resp: 370700
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 93.266 ng

RT: 19.998 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064963.D

Acq: 16 Dec 2025 19:57

Instrument :

BNA_G

ClientSampleId :

PB170956BL

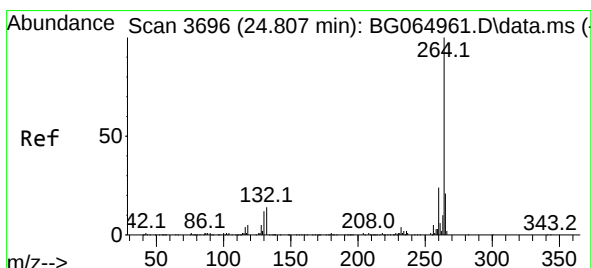
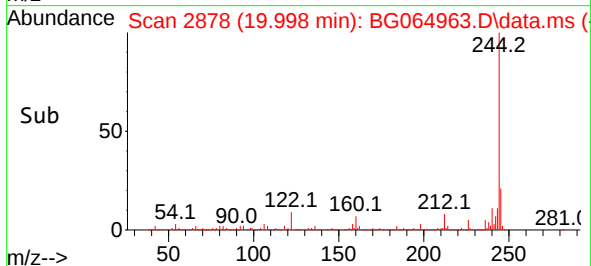
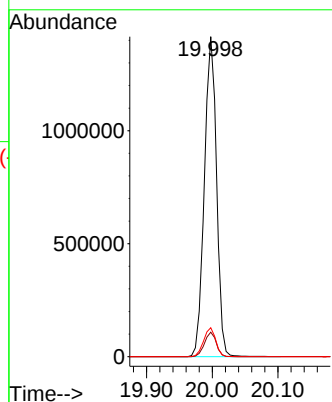
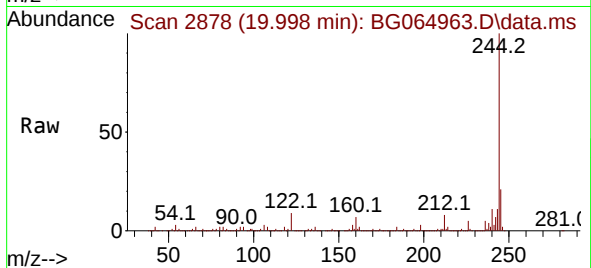
Tgt Ion:244 Resp: 1833788

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 9.0 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3696

Delta R.T. -0.003 min

Lab File: BG064963.D

Acq: 16 Dec 2025 19:57

Tgt Ion:264 Resp: 413458

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.2 17.8 26.8

