

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064932.D
 Acq On : 11 Dec 2025 13:16
 Operator : RC/JU
 Sample : PB170902BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170902BL

Quant Time: Dec 11 13:56:08 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	8.152	152	16447	20.000	ng	-0.02
21) Naphthalene-d8	10.972	136	62349	20.000	ng	#-0.02
39) Acenaphthene-d10	14.767	164	57732	20.000	ng	0.00
64) Phenanthrene-d10	17.499	188	171715	20.000	ng	# 0.00
76) Chrysene-d12	21.747	240	218514	20.000	ng	# 0.00
86) Perylene-d12	25.008	264	233564	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	118630	125.952	ng	0.00
7) Phenol-d6	7.300	99	150661	120.267	ng	0.00
23) Nitrobenzene-d5	9.315	82	99013	78.517	ng	-0.02
42) 2,4,6-Tribromophenol	16.242	330	207019	183.861	ng	0.00
45) 2-Fluorobiphenyl	13.398	172	350584	84.734	ng	0.00
79) Terphenyl-d14	20.085	244	1177049	105.960	ng	0.00

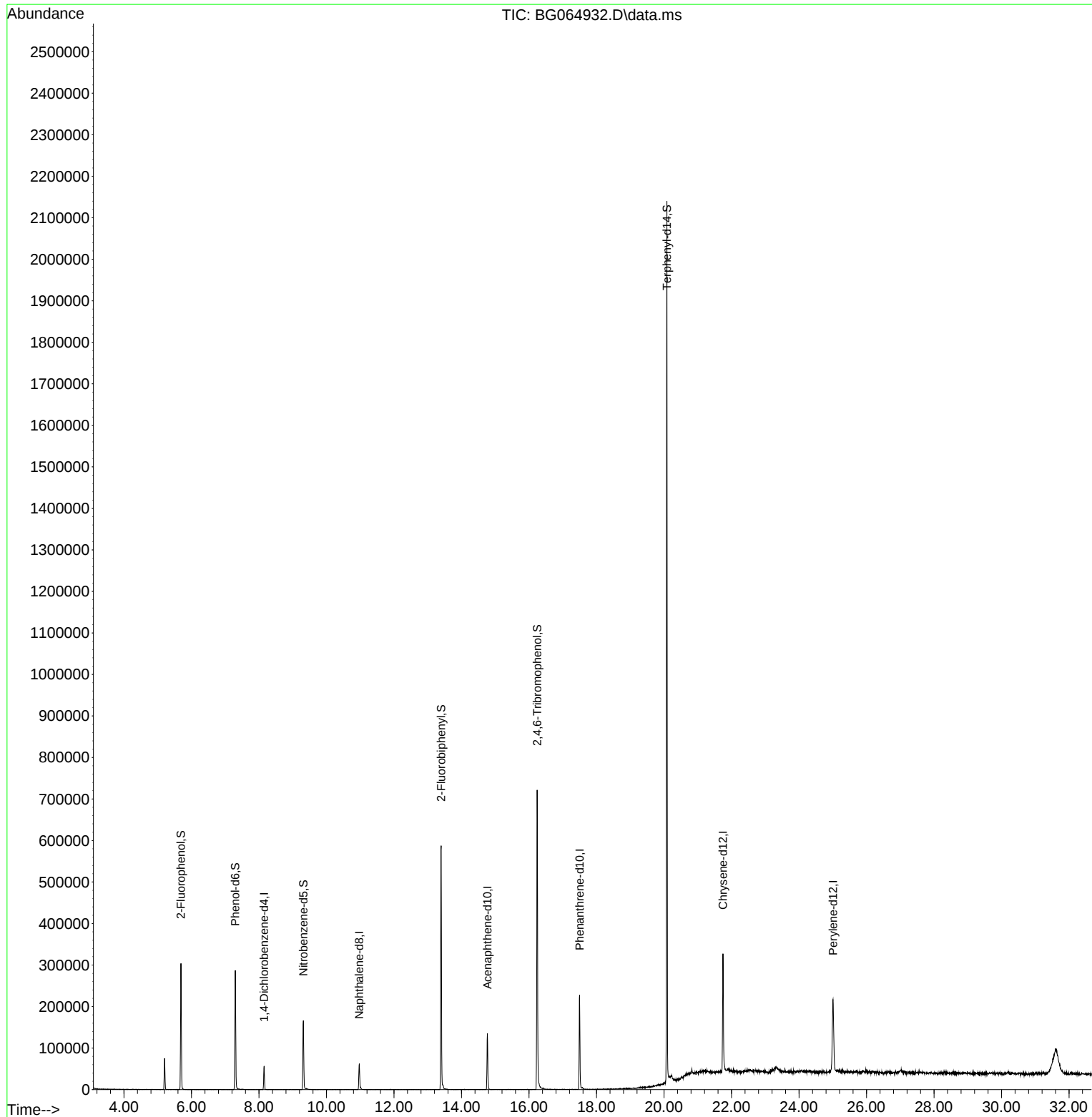
Target Compounds	Qvalue

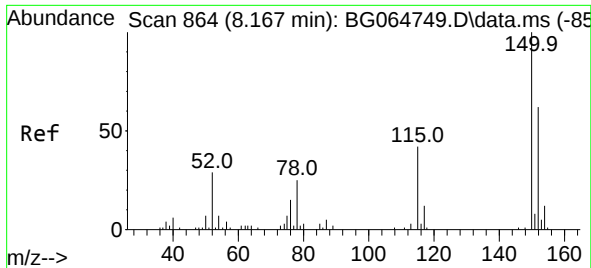
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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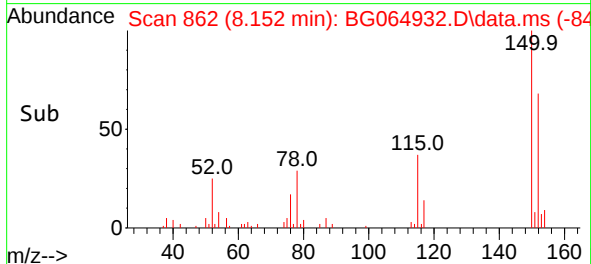
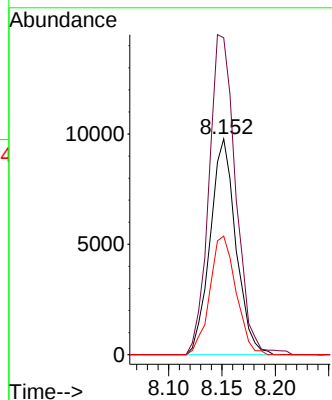
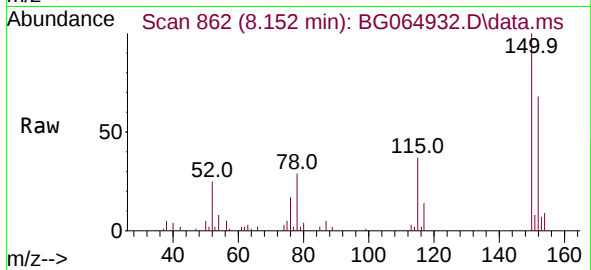




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

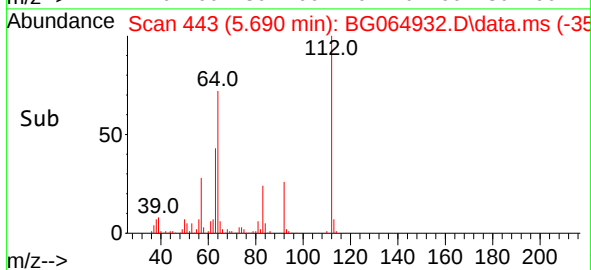
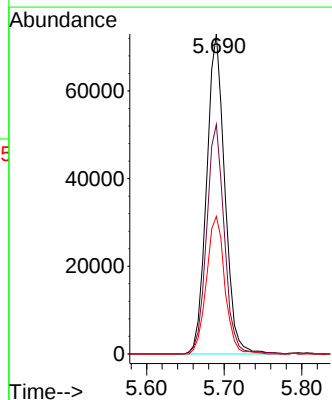
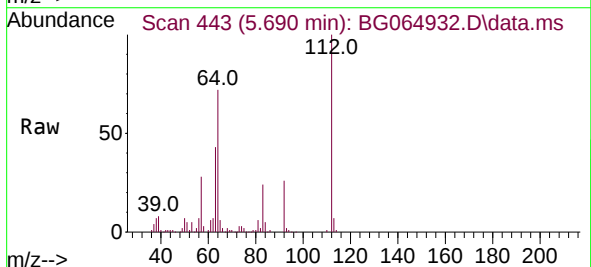
Instrument :
BNA_G
ClientSampleId :
PB170902BL

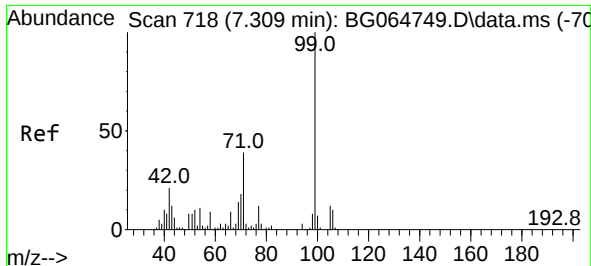
Tgt Ion:152 Resp: 16447
Ion Ratio Lower Upper
152 100
150 146.9 129.2 193.8
115 54.9 53.7 80.5



#5
2-Fluorophenol
Concen: 125.952 ng
RT: 5.690 min Scan# 443
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:112 Resp: 118630
Ion Ratio Lower Upper
112 100
64 71.7 61.0 91.4
63 43.0 33.3 49.9

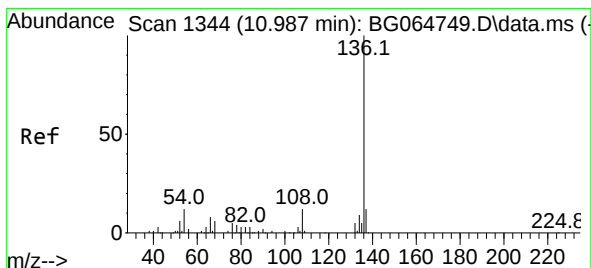
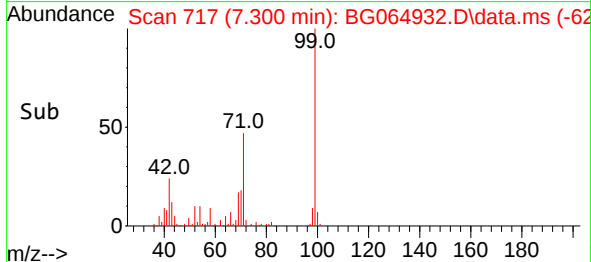
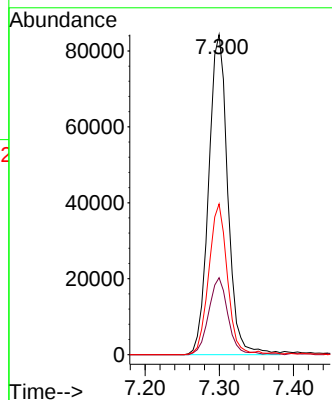
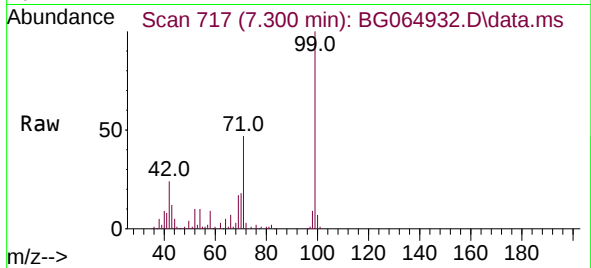




#7
Phenol-d6
Concen: 120.267 ng
RT: 7.300 min Scan# 718
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

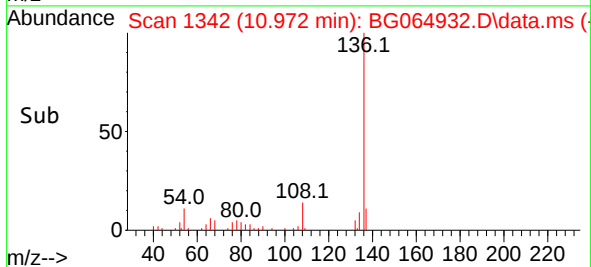
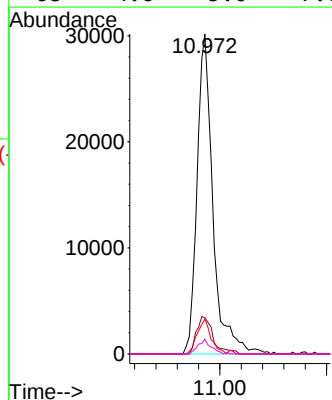
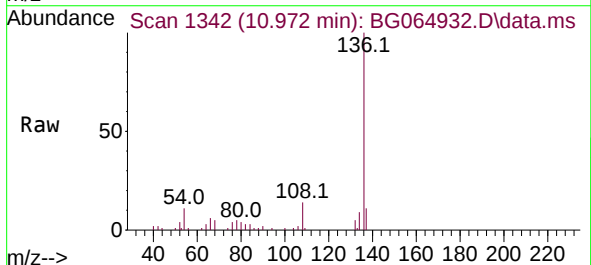
Instrument :
BNA_G
ClientSampleId :
PB170902BL

Tgt Ion: 99 Resp: 150661
Ion Ratio Lower Upper
99 100
42 24.0 16.8 25.2
71 47.1 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:136 Resp: 62349
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 10.9 9.3 13.9
68 4.6 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 78.517 ng

RT: 9.315 min Scan# 1060

Delta R.T. -0.016 min

Lab File: BG064932.D

Acq: 11 Dec 2025 13:16

Instrument :

BNA_G

ClientSampleId :

PB170902BL

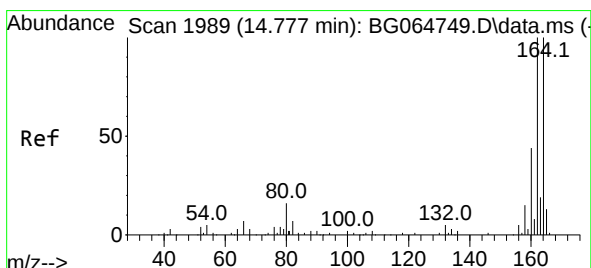
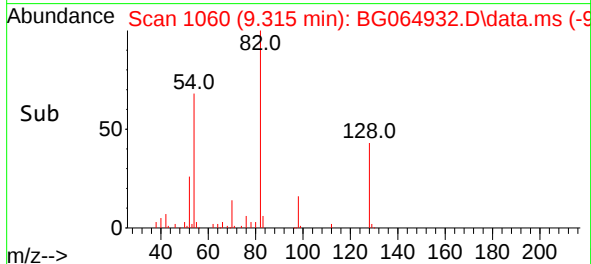
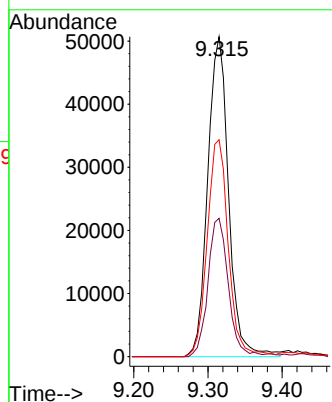
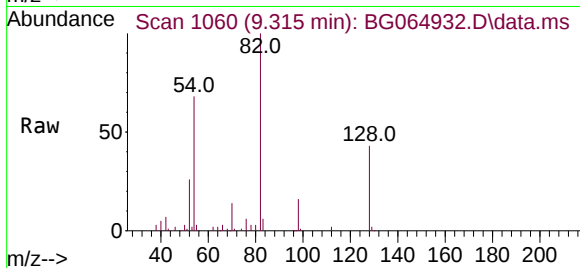
Tgt Ion: 82 Resp: 99013

Ion Ratio Lower Upper

82 100

128 43.2 34.1 51.1

54 67.8 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.767 min Scan# 1988

Delta R.T. -0.010 min

Lab File: BG064932.D

Acq: 11 Dec 2025 13:16

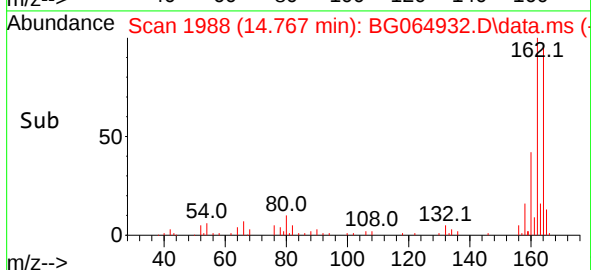
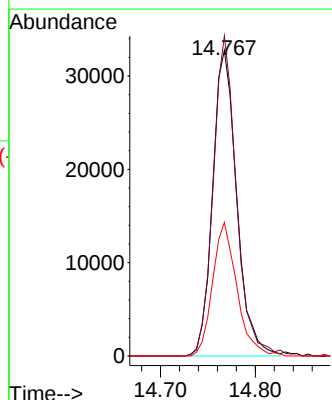
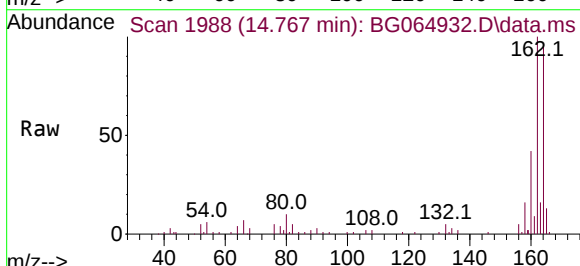
Tgt Ion: 164 Resp: 57732

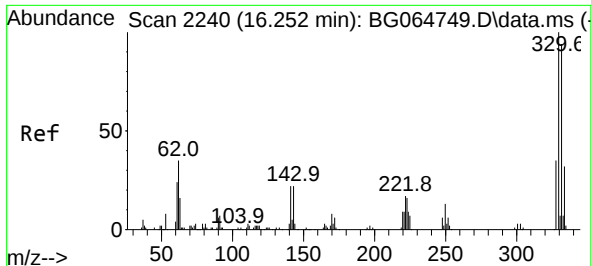
Ion Ratio Lower Upper

164 100

162 104.7 79.8 119.6

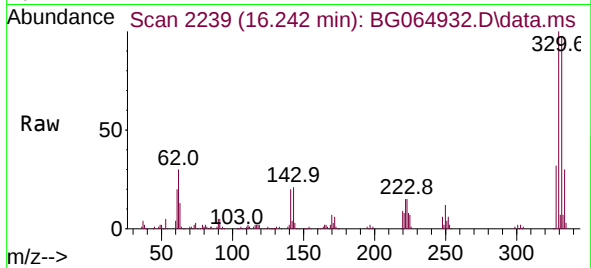
160 43.7 34.9 52.3



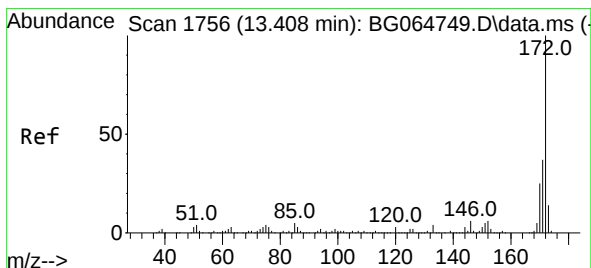
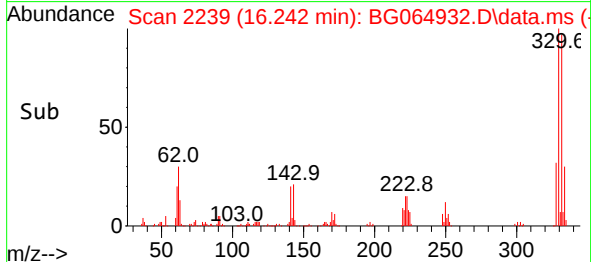
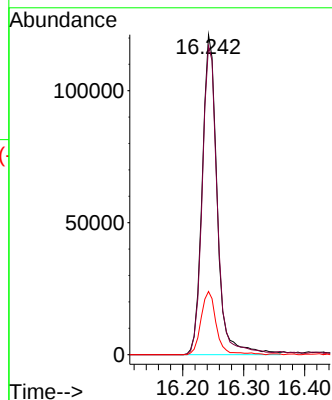


#42
2,4,6-Tribromophenol
Concen: 183.861 ng
RT: 16.242 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Instrument :
BNA_G
ClientSampleId :
PB170902BL

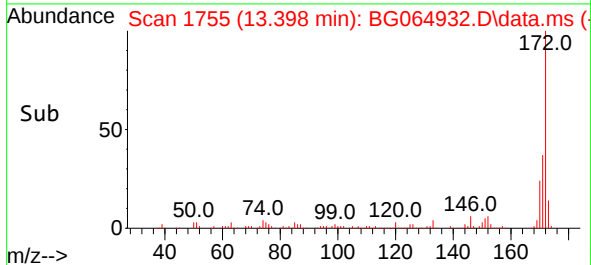
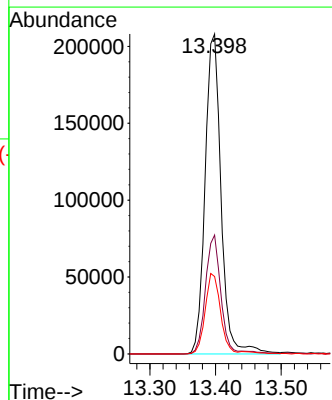
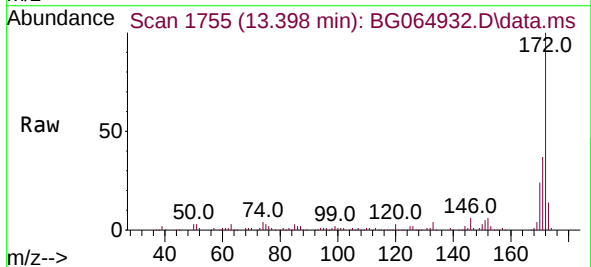


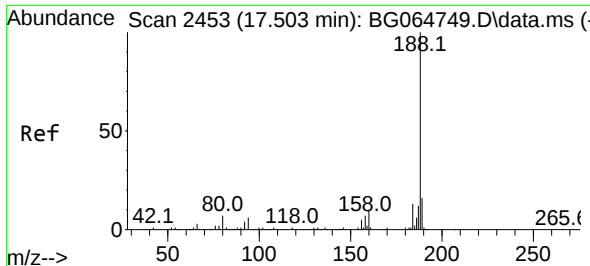
Tgt Ion:330 Resp: 207019
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 20.1 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 84.734 ng
RT: 13.398 min Scan# 1755
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:172 Resp: 350584
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 24.2 19.8 29.6

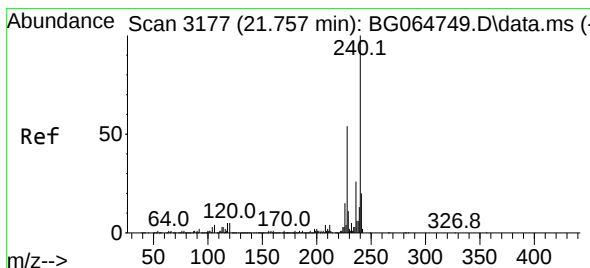
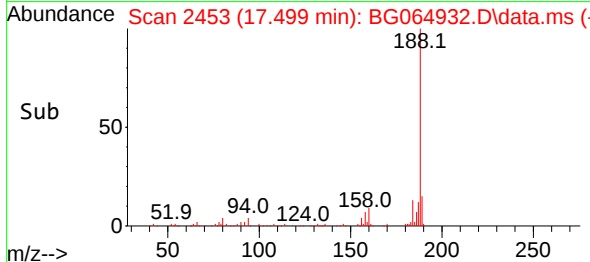
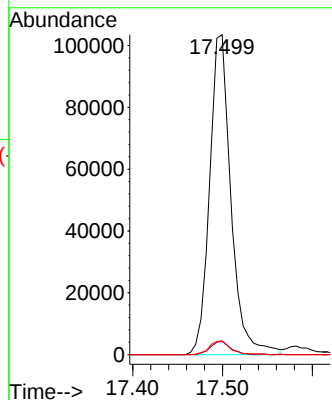
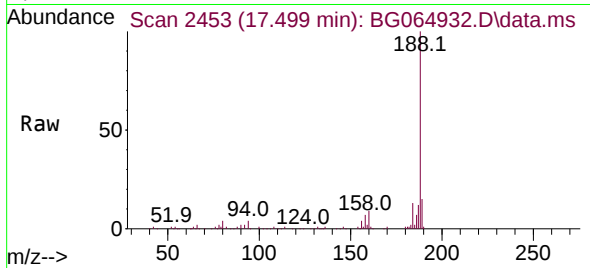




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.499 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

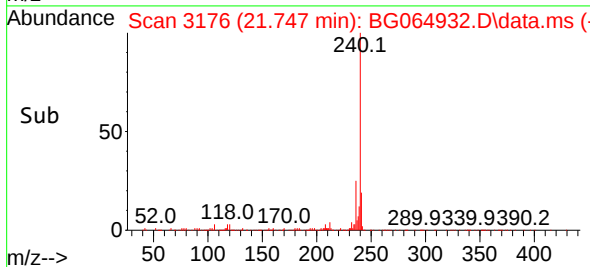
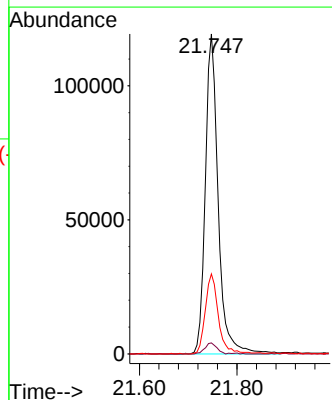
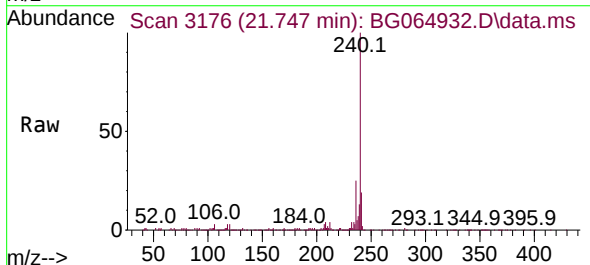
Instrument :
BNA_G
ClientSampleId :
PB170902BL

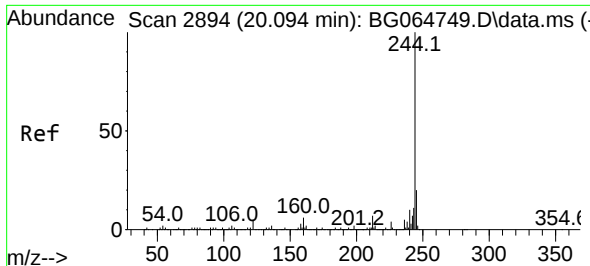
Tgt Ion:188 Resp: 171715
Ion Ratio Lower Upper
188 100
94 4.3 4.7 7.1#
80 4.2 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3176
Delta R.T. -0.010 min
Lab File: BG064932.D
Acq: 11 Dec 2025 13:16

Tgt Ion:240 Resp: 218514
Ion Ratio Lower Upper
240 100
120 3.4 4.2 6.4#
236 25.0 20.8 31.2

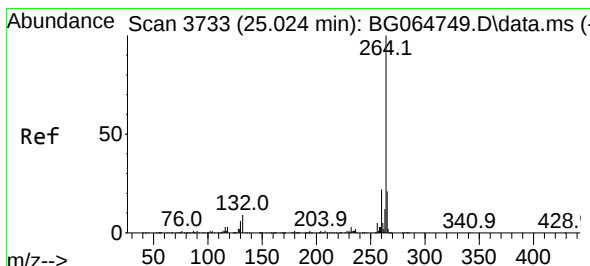
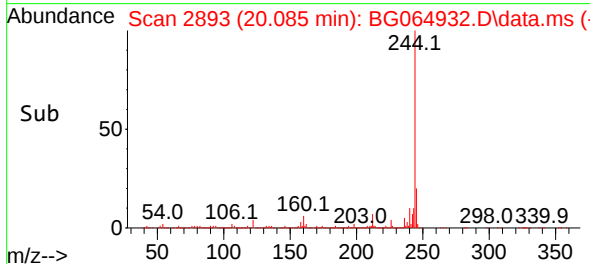
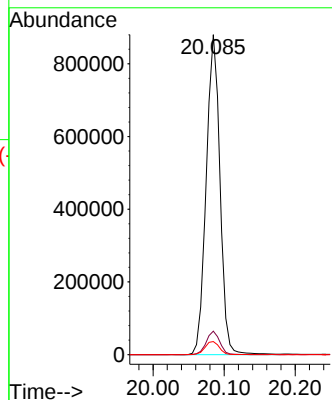
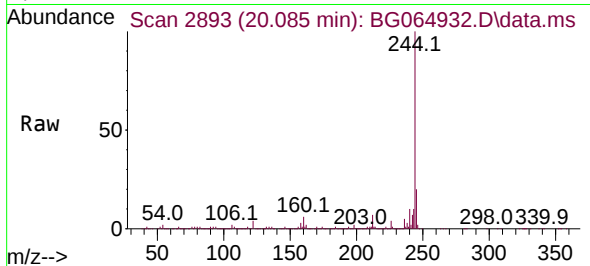




#79
 Terphenyl-d14
 Concen: 105.960 ng
 RT: 20.085 min Scan# 2893
 Delta R.T. -0.010 min
 Lab File: BG064932.D
 Acq: 11 Dec 2025 13:16

Instrument :
 BNA_G
 ClientSampleId :
 PB170902BL

Tgt Ion:244 Resp: 1177049
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 4.1 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 3731
 Delta R.T. -0.016 min
 Lab File: BG064932.D
 Acq: 11 Dec 2025 13:16

Tgt Ion:264 Resp: 233564
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.2 25.8
 265 21.2 16.6 25.0

