

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
 Data File : BG064951.D
 Acq On : 12 Dec 2025 15:47
 Operator : RC/JU
 Sample : Q3844-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONTAINMENT-BANK

Quant Time: Dec 12 16:25:29 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	8.156	152	27349	20.000	ng	-0.01
21) Naphthalene-d8	10.970	136	98805	20.000	ng	#-0.02
39) Acenaphthene-d10	14.766	164	79286	20.000	ng	-0.01
64) Phenanthrene-d10	17.492	188	188678	20.000	ng	#-0.01
76) Chrysene-d12	21.740	240	256350	20.000	ng	#-0.02
86) Perylene-d12	24.989	264	290060	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	68722	43.879	ng	0.00
7) Phenol-d6	7.298	99	121206	58.186	ng	-0.01
23) Nitrobenzene-d5	9.313	82	99262	49.672	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	56425	36.490	ng	-0.01
45) 2-Fluorobiphenyl	13.391	172	337763	59.442	ng	-0.02
79) Terphenyl-d14	20.077	244	839247	64.399	ng	-0.02

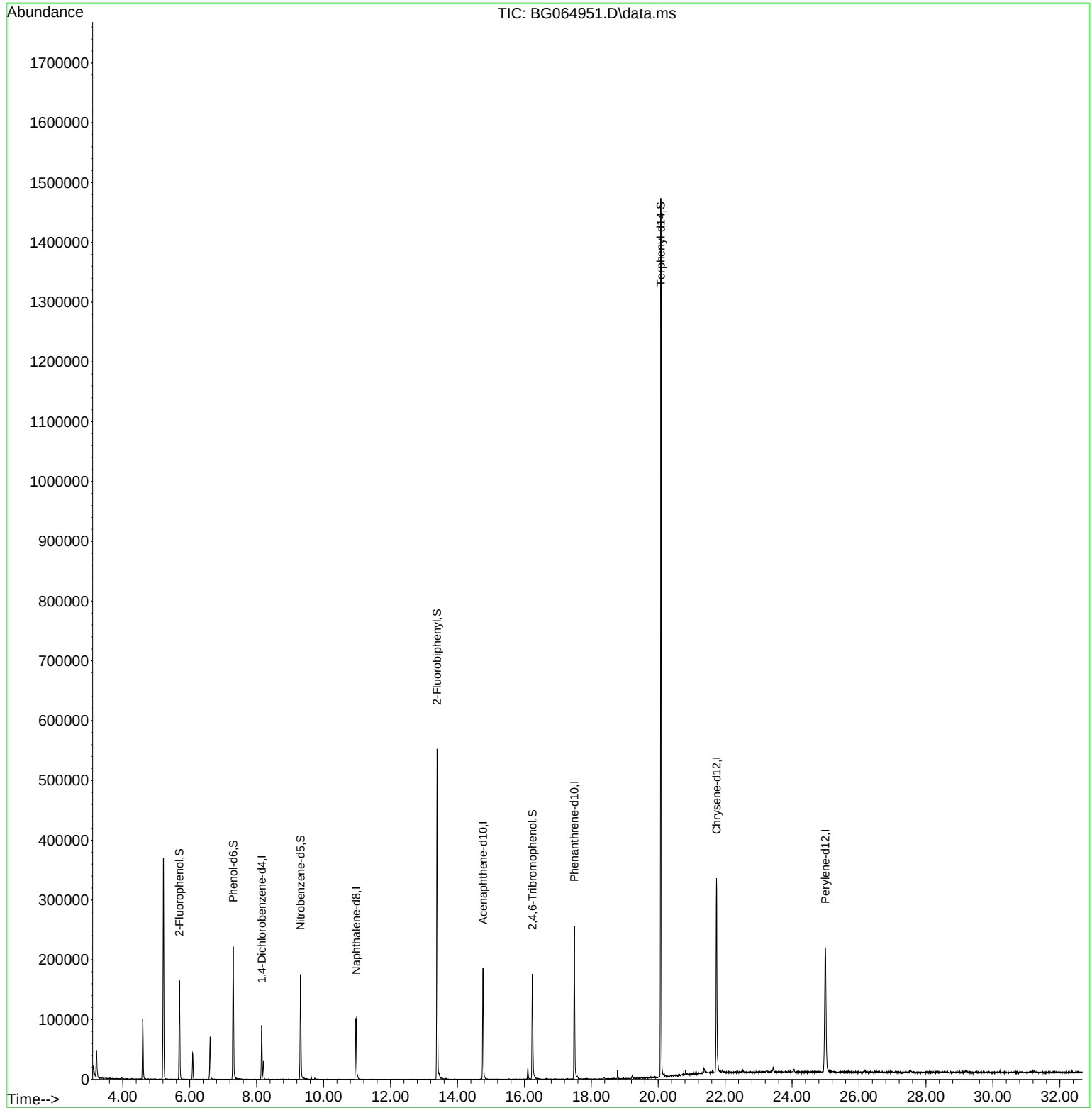
Target Compounds	Qvalue

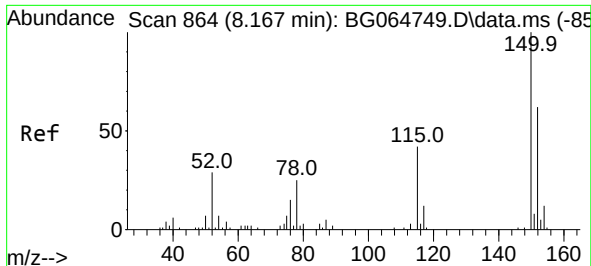
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 12 17:10:56 2025
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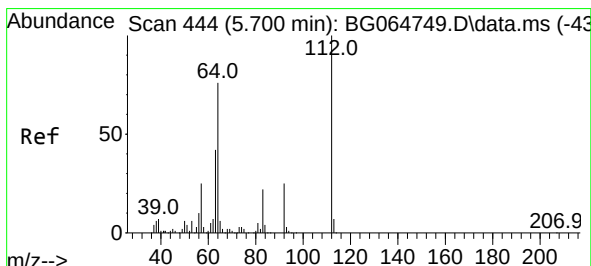
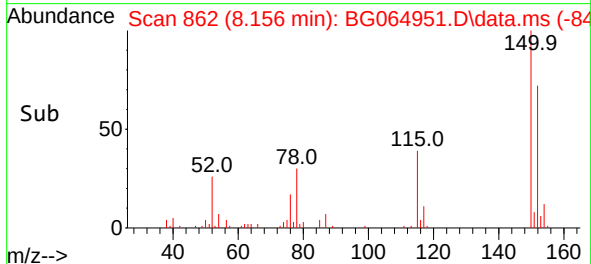
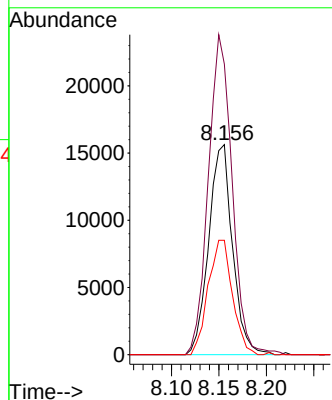
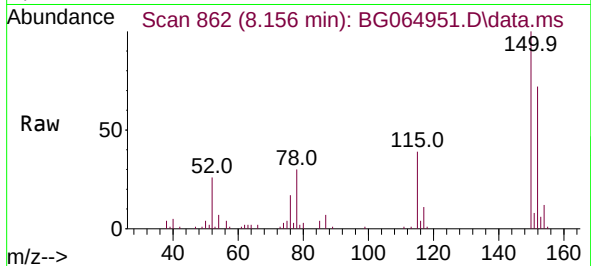




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.156 min Scan# 862
 Delta R.T. -0.011 min
 Lab File: BG064951.D
 Acq: 12 Dec 2025 15:47

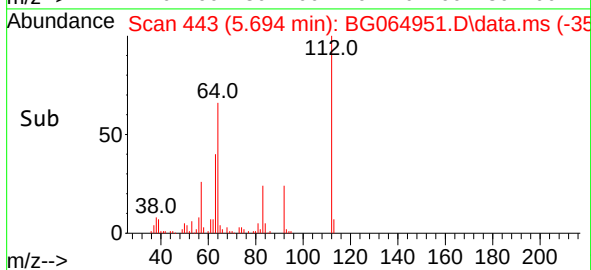
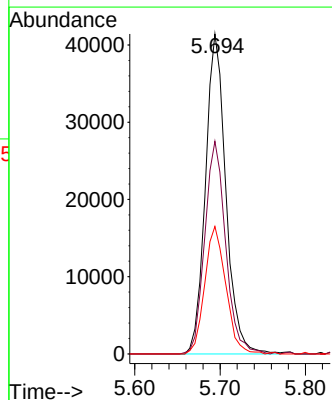
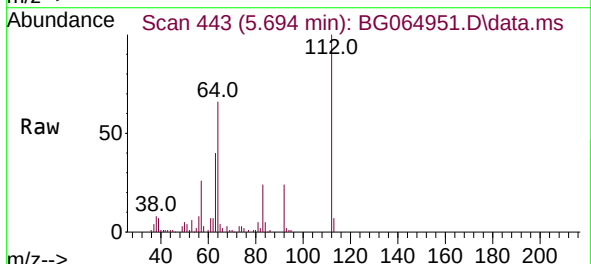
Instrument :
 BNA_G
 ClientSampleId :
 CONTAINMENT-BANK

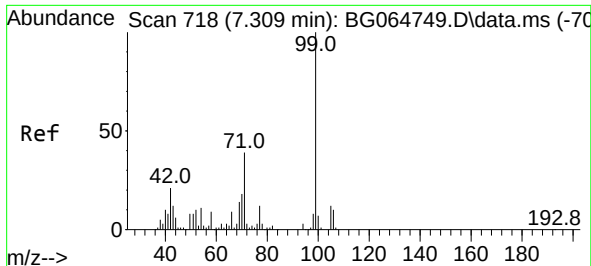
Tgt Ion:152 Resp: 27349
 Ion Ratio Lower Upper
 152 100
 150 138.3 129.2 193.8
 115 54.4 53.7 80.5



#5
 2-Fluorophenol
 Concen: 43.879 ng
 RT: 5.694 min Scan# 443
 Delta R.T. -0.006 min
 Lab File: BG064951.D
 Acq: 12 Dec 2025 15:47

Tgt Ion:112 Resp: 68722
 Ion Ratio Lower Upper
 112 100
 64 66.4 61.0 91.4
 63 39.8 33.3 49.9

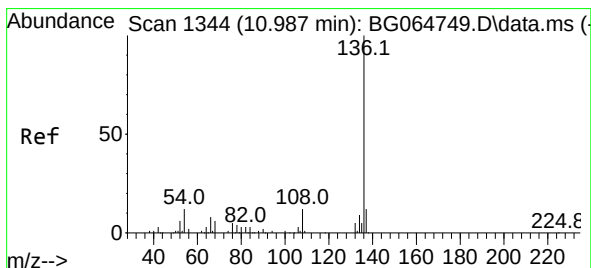
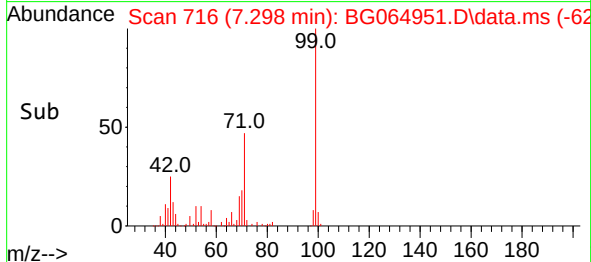
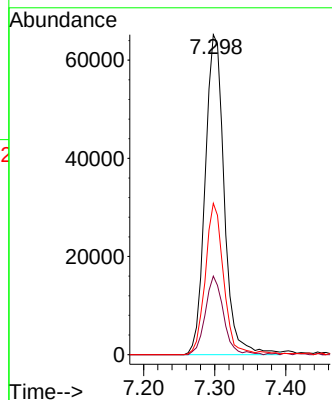
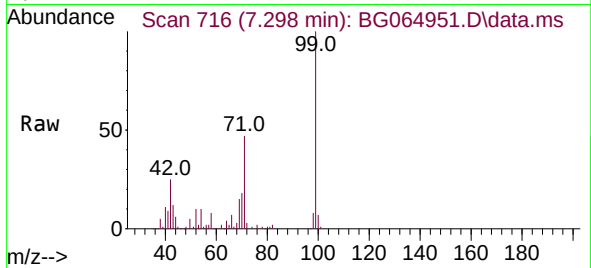




#7
Phenol-d6
Concen: 58.186 ng
RT: 7.298 min Scan# 716
Delta R.T. -0.012 min
Lab File: BG064951.D
Acq: 12 Dec 2025 15:47

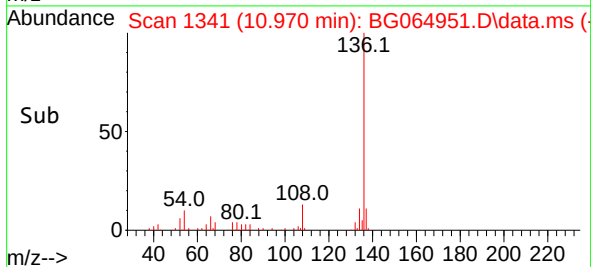
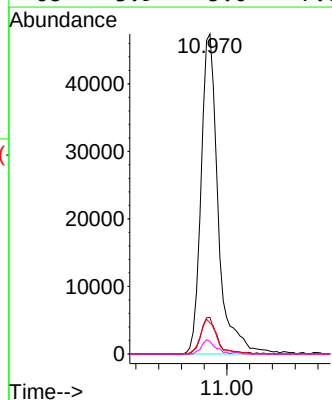
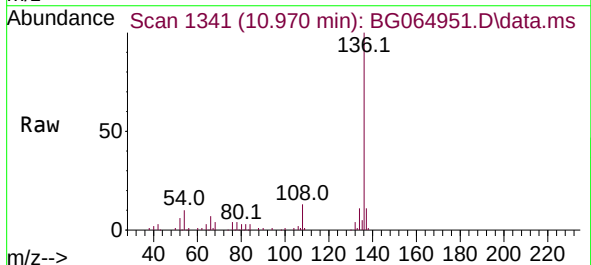
Instrument :
BNA_G
ClientSampleId :
CONTAINMENT-BANK

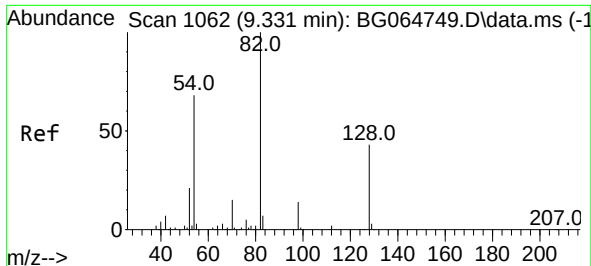
Tgt Ion: 99 Resp: 121206
Ion Ratio Lower Upper
99 100
42 24.5 16.8 25.2
71 47.3 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 1341
Delta R.T. -0.017 min
Lab File: BG064951.D
Acq: 12 Dec 2025 15:47

Tgt Ion:136 Resp: 98805
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 9.7 9.3 13.9
68 3.9 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 49.672 ng

RT: 9.313 min Scan# 1062

Delta R.T. -0.017 min

Lab File: BG064951.D

Acq: 12 Dec 2025 15:47

Instrument :

BNA_G

ClientSampleId :

CONTAINMENT-BANK

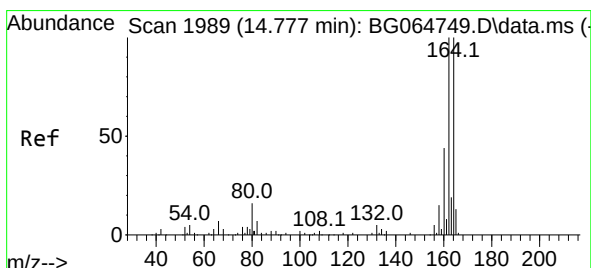
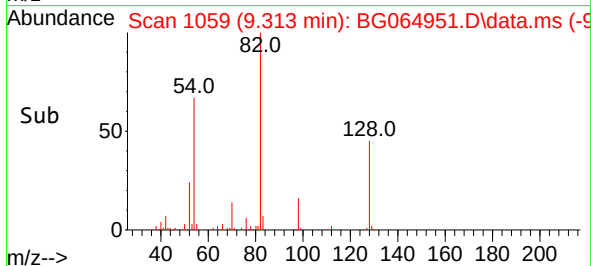
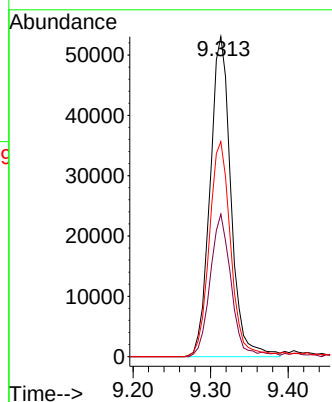
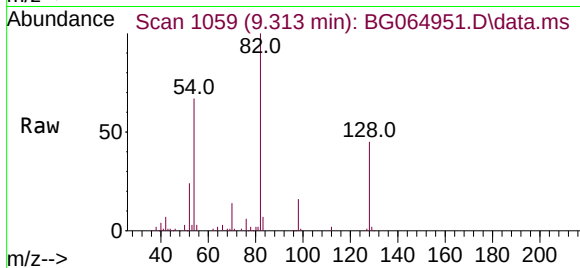
Tgt Ion: 82 Resp: 99262

Ion Ratio Lower Upper

82 100

128 44.5 34.1 51.1

54 67.2 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.766 min Scan# 1987

Delta R.T. -0.012 min

Lab File: BG064951.D

Acq: 12 Dec 2025 15:47

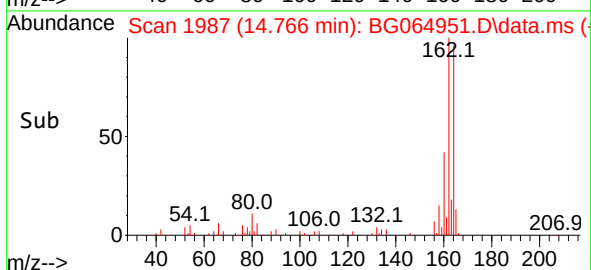
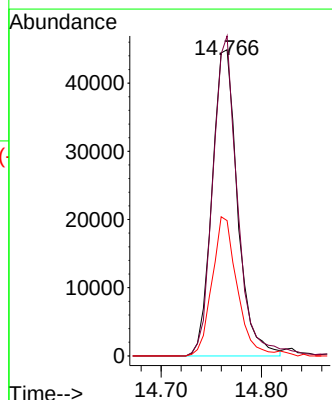
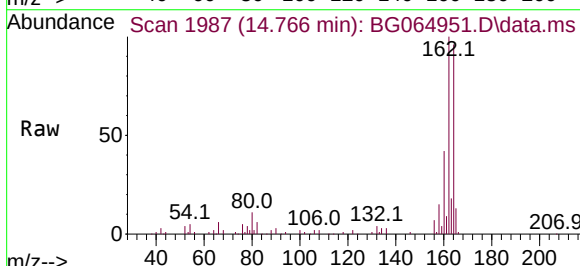
Tgt Ion: 164 Resp: 79286

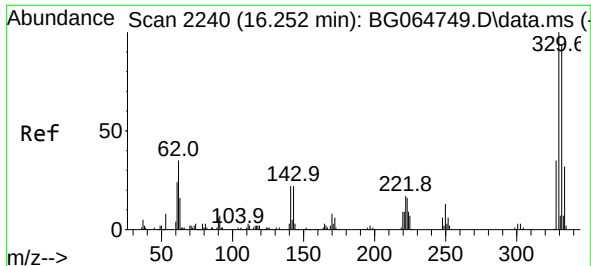
Ion Ratio Lower Upper

164 100

162 104.5 79.8 119.6

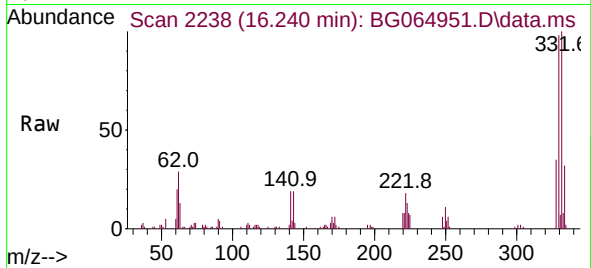
160 44.2 34.9 52.3



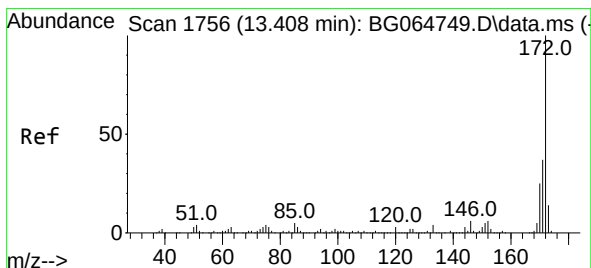
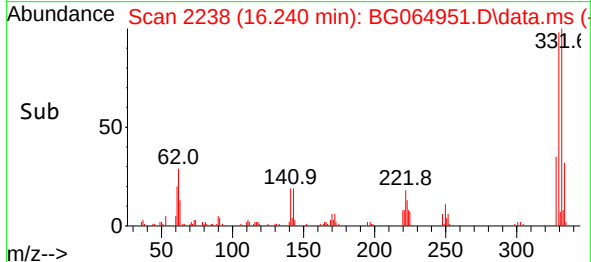
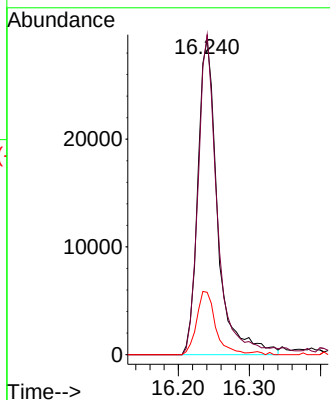


#42
2,4,6-Tribromophenol
Concen: 36.490 ng
RT: 16.240 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064951.D
Acq: 12 Dec 2025 15:47

Instrument :
BNA_G
ClientSampleId :
CONTAINMENT-BANK

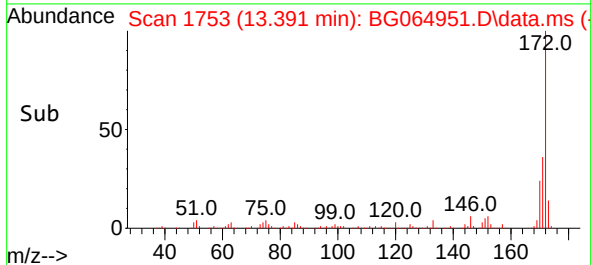
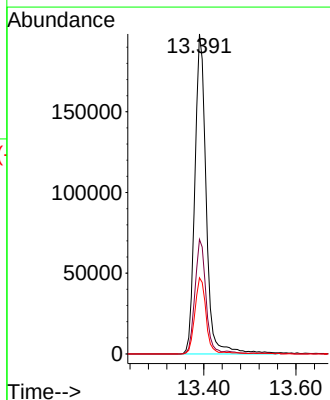
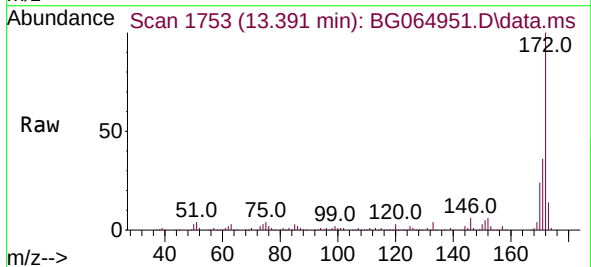


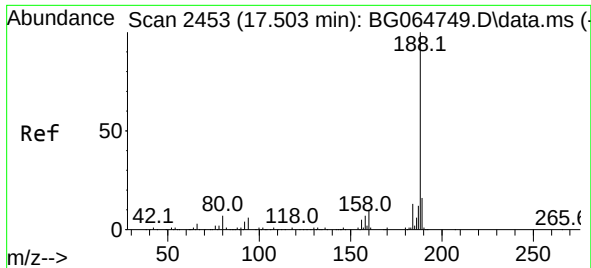
Tgt Ion:330 Resp: 56425
Ion Ratio Lower Upper
330 100
332 99.5 77.0 115.6
141 19.3 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 59.442 ng
RT: 13.391 min Scan# 1753
Delta R.T. -0.017 min
Lab File: BG064951.D
Acq: 12 Dec 2025 15:47

Tgt Ion:172 Resp: 337763
Ion Ratio Lower Upper
172 100
171 35.8 29.9 44.9
170 23.8 19.8 29.6

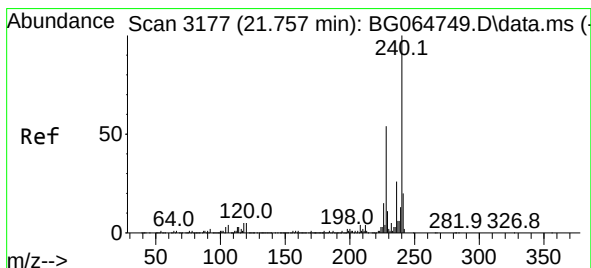
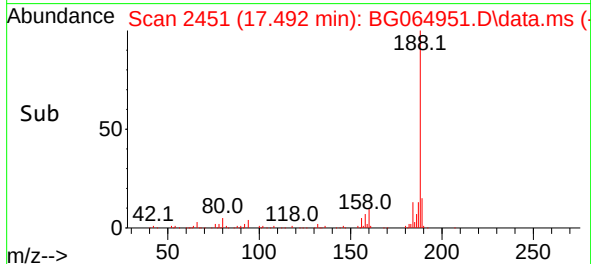
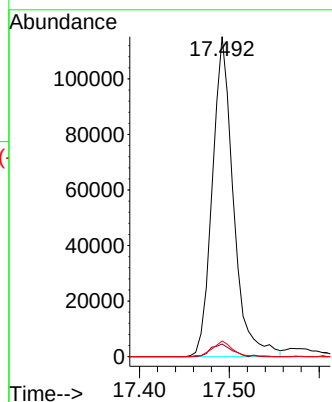
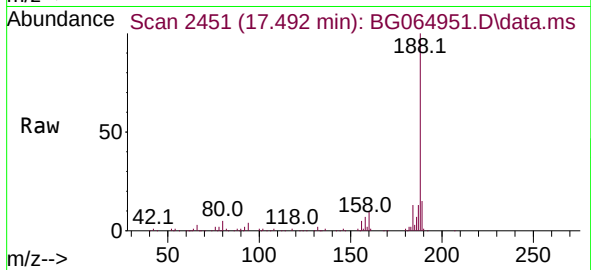




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2453
Delta R.T. -0.012 min
Lab File: BG064951.D
Acq: 12 Dec 2025 15:47

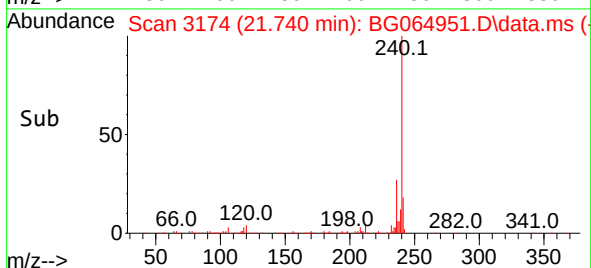
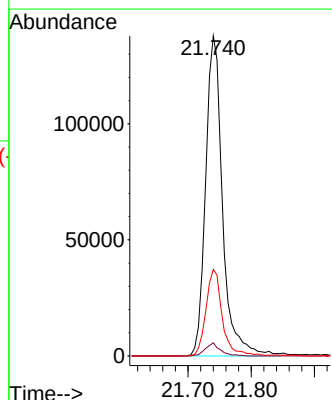
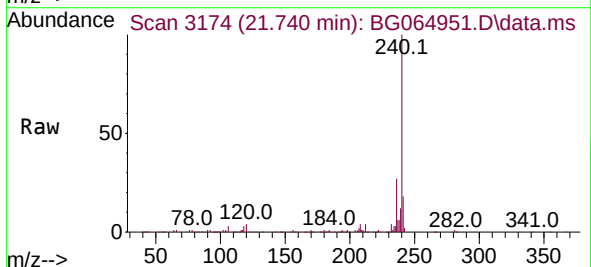
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BNA_G
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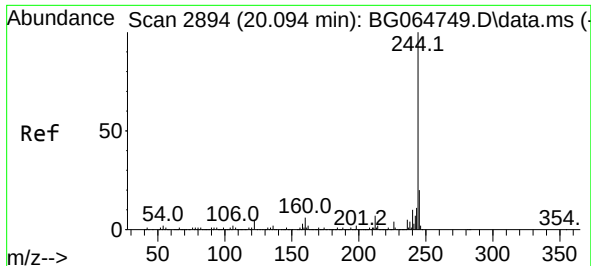
Tgt Ion:188 Resp: 188678
Ion Ratio Lower Upper
188 100
94 3.9 4.7 7.1#
80 4.9 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3174
Delta R.T. -0.017 min
Lab File: BG064951.D
Acq: 12 Dec 2025 15:47

Tgt Ion:240 Resp: 256350
Ion Ratio Lower Upper
240 100
120 4.1 4.2 6.4#
236 27.0 20.8 31.2

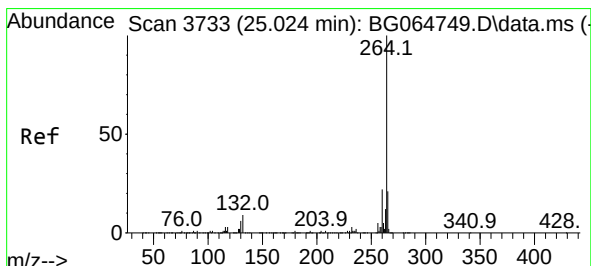
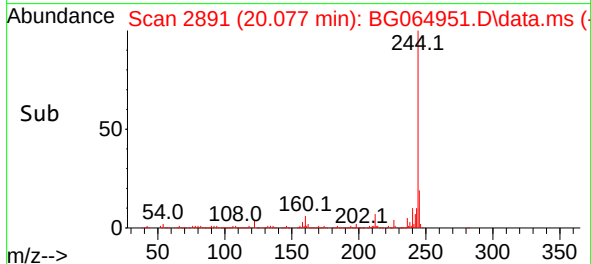
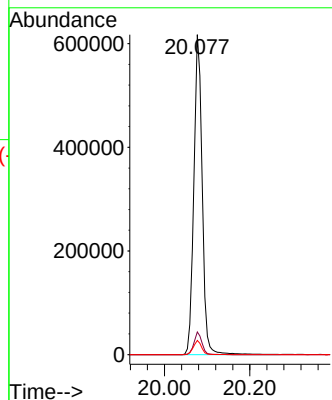
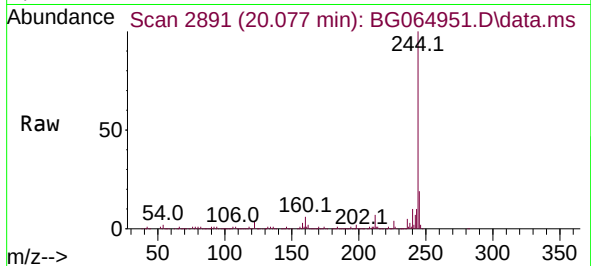




#79
 Terphenyl-d14
 Concen: 64.399 ng
 RT: 20.077 min Scan# 2891
 Delta R.T. -0.017 min
 Lab File: BG064951.D
 Acq: 12 Dec 2025 15:47

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 839247
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 4.4 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 3727
 Delta R.T. -0.035 min
 Lab File: BG064951.D
 Acq: 12 Dec 2025 15:47

Tgt Ion:264 Resp: 290060
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.2 25.8
 265 21.1 16.6 25.0

