

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
 Data File : BG064320.D
 Acq On : 9 Sep 2025 12:19
 Operator : RC/JU
 Sample : PB169604BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169604BL

Quant Time: Sep 09 12:57:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	21166	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	91438	20.000	ng	#-0.01
39) Acenaphthene-d10	14.474	164	69274	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	182414	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	197857	20.000	ng	# 0.00
86) Perylene-d12	24.456	264	217511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	167776	142.212	ng	0.00
7) Phenol-d6	7.024	99	226705	139.873	ng	0.00
23) Nitrobenzene-d5	9.004	82	163289	99.594	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	163427	178.109	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	435328	95.918	ng	-0.01
79) Terphenyl-d14	19.838	244	942651	99.400	ng	0.00

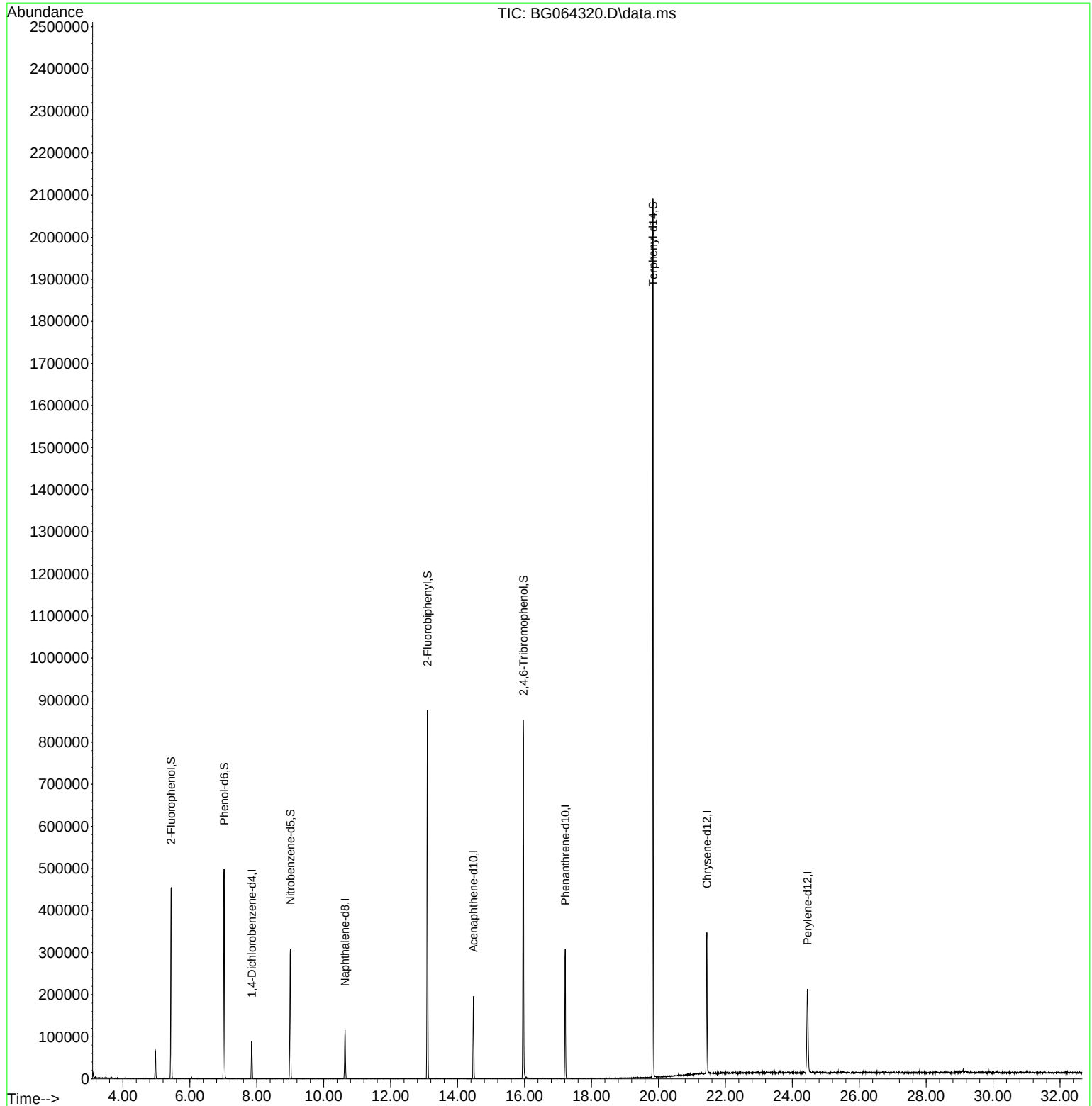
Target Compounds	Qvalue

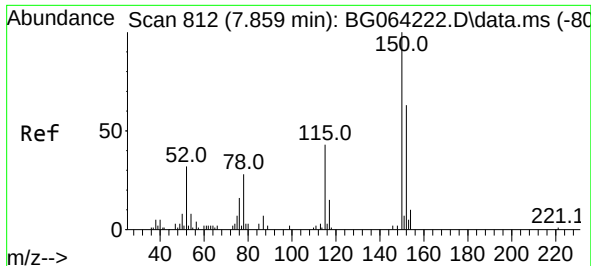
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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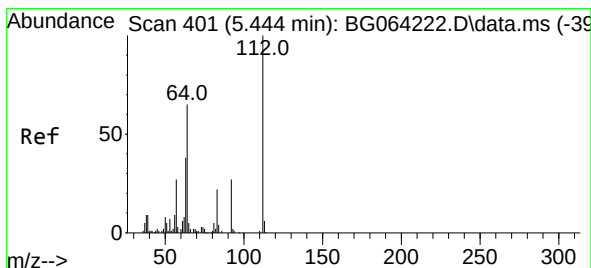
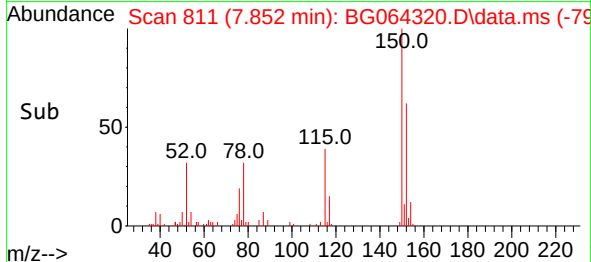
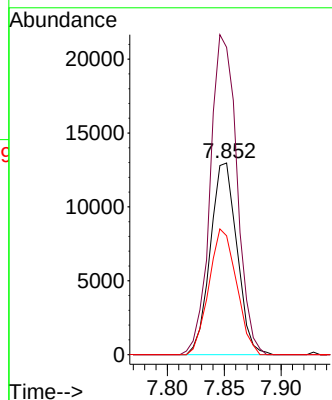
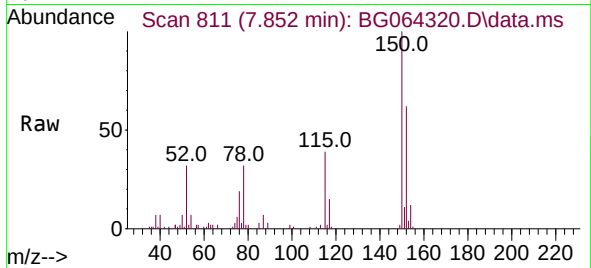




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19

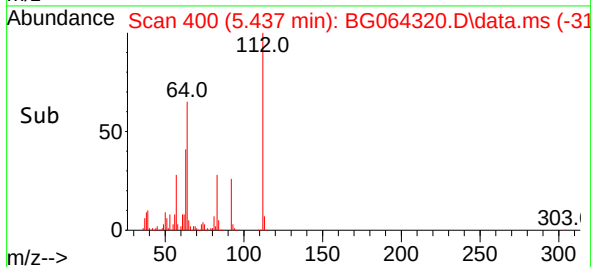
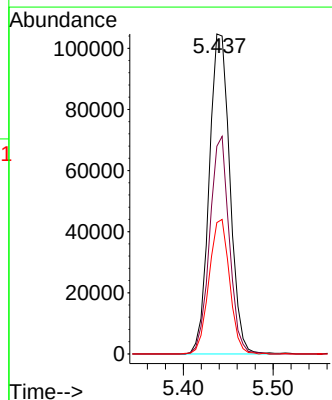
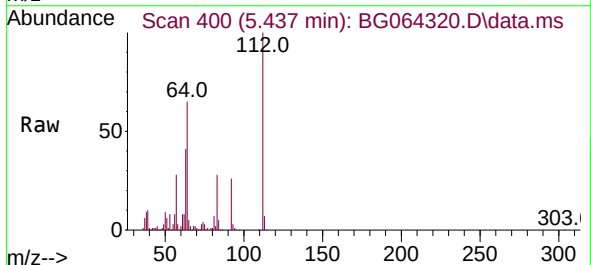
Instrument :
BNA_G
ClientSampleId :
PB169604BL

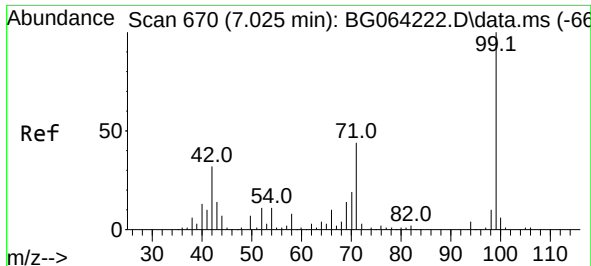
Tgt Ion:152 Resp: 21166
Ion Ratio Lower Upper
152 100
150 160.3 128.0 192.0
115 62.0 55.7 83.5



#5
2-Fluorophenol
Concen: 142.212 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.007 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19

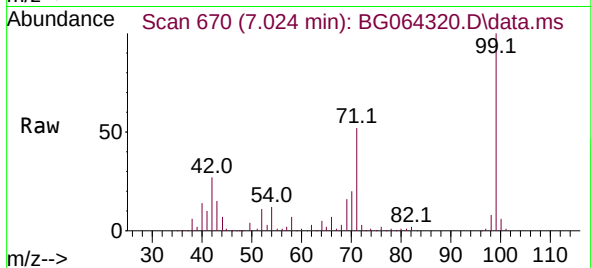
Tgt Ion:112 Resp: 167776
Ion Ratio Lower Upper
112 100
64 64.9 51.8 77.6
63 41.0 30.6 45.8



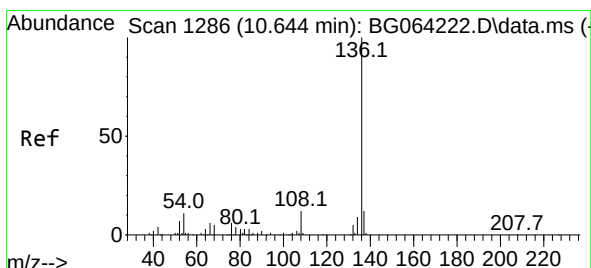
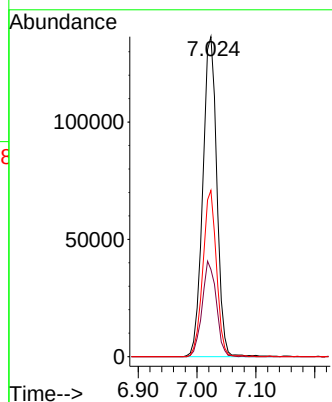
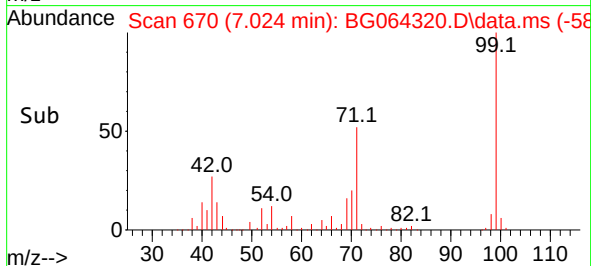


#7
Phenol-d6
Concen: 139.873 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19

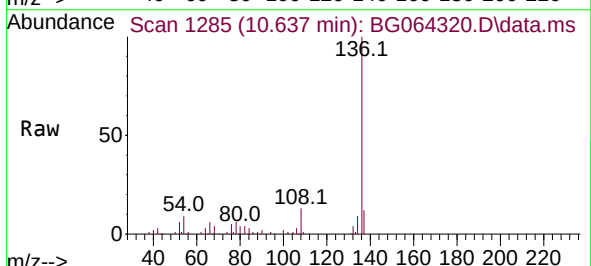
Instrument :
BNA_G
ClientSampleId :
PB169604BL



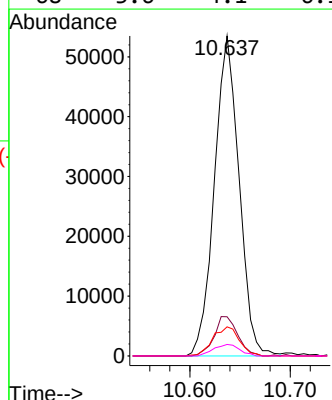
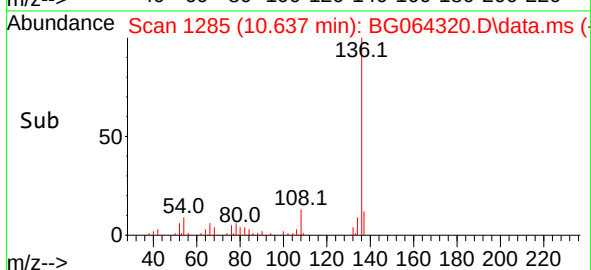
Tgt Ion: 99 Resp: 226705
Ion Ratio Lower Upper
99 100
42 27.2 25.8 38.8
71 51.9 35.2 52.8

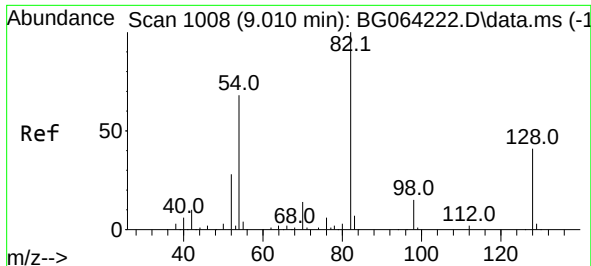


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19



Tgt Ion:136 Resp: 91438
Ion Ratio Lower Upper
136 100
137 12.2 9.6 14.4
54 9.1 8.8 13.2
68 3.6 4.1 6.1#





#23
Nitrobenzene-d5
Concen: 99.594 ng
RT: 9.004 min Scan# 10
Delta R.T. -0.013 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19

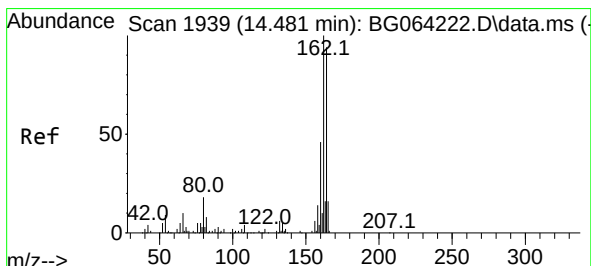
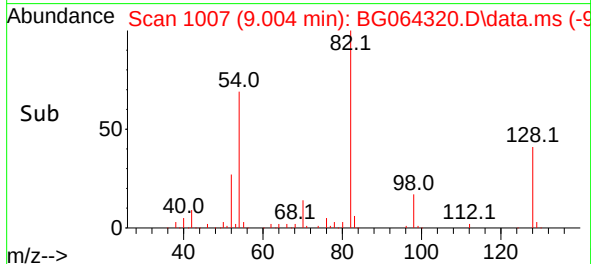
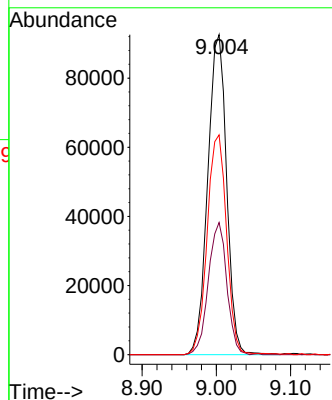
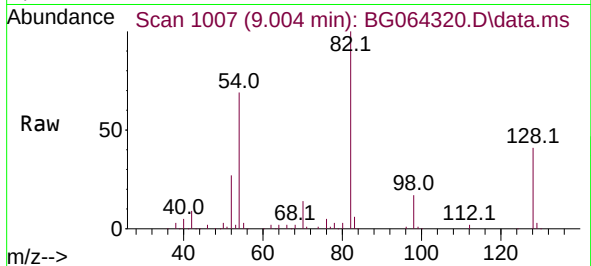
Instrument :

BNA_G

ClientSampleId :

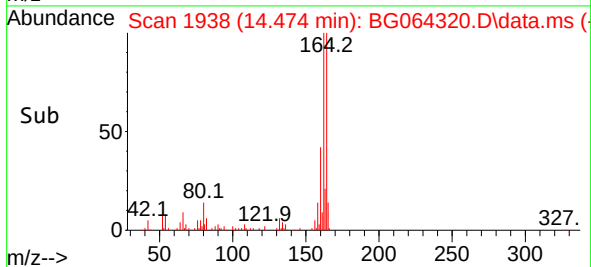
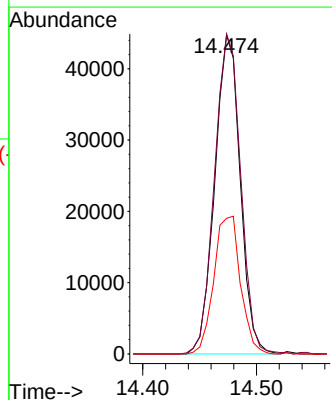
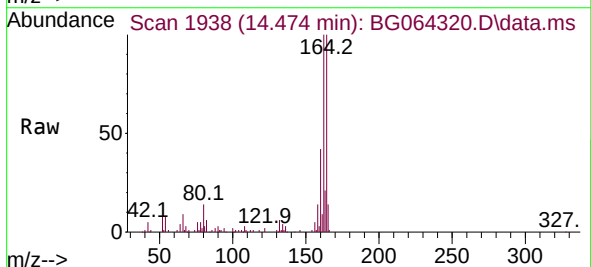
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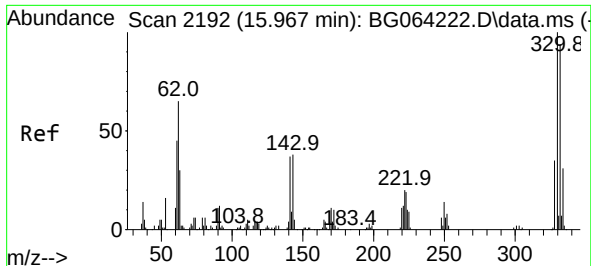
Tgt Ion: 82 Resp: 163289
Ion Ratio Lower Upper
82 100
128 41.3 32.6 48.8
54 68.7 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19

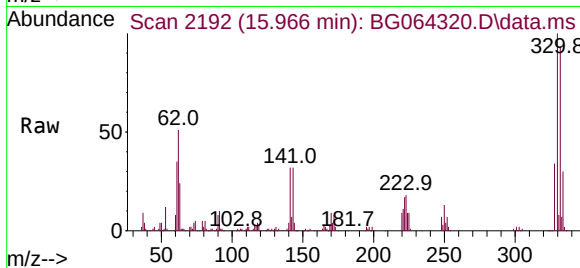
Tgt Ion:164 Resp: 69274
Ion Ratio Lower Upper
164 100
162 100.3 85.4 128.0
160 42.5 39.2 58.8



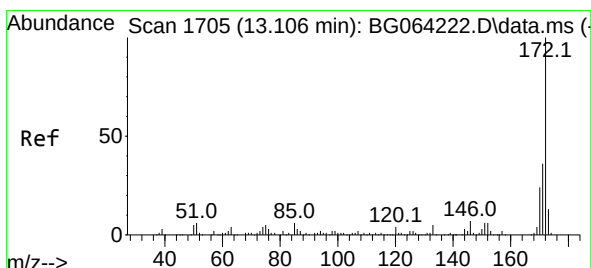
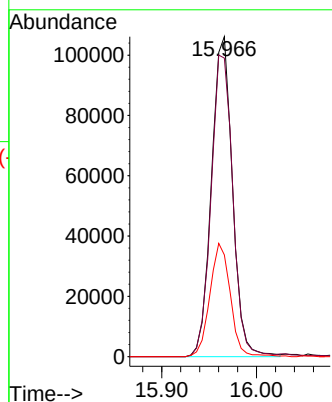
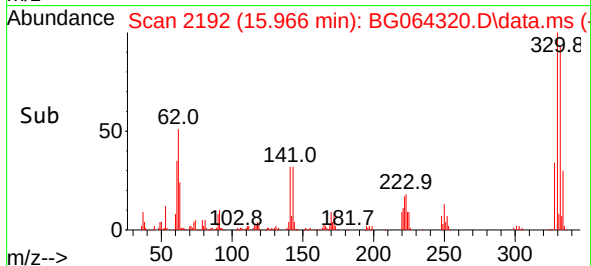


#42
 2,4,6-Tribromophenol
 Concen: 178.109 ng
 RT: 15.966 min Scan# 2192
 Delta R.T. -0.007 min
 Lab File: BG064320.D
 Acq: 9 Sep 2025 12:19

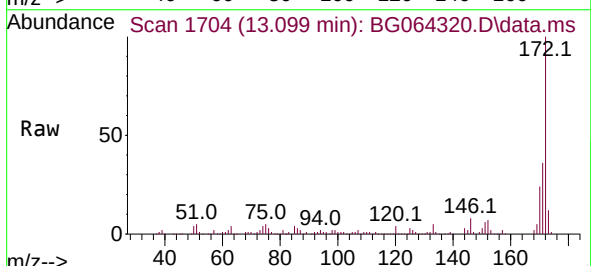
Instrument :
 BNA_G
 ClientSampleId :
 PB169604BL



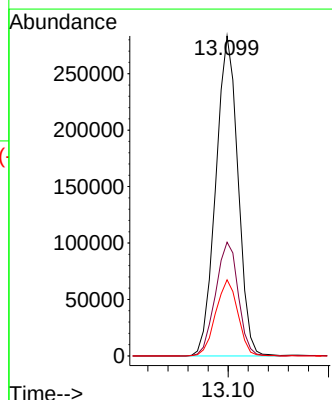
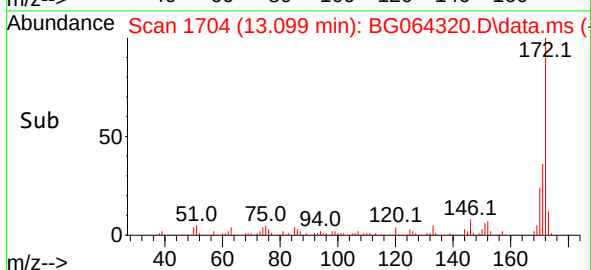
Tgt Ion:330 Resp: 163427
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.6 116.4
 141 34.5 29.8 44.6

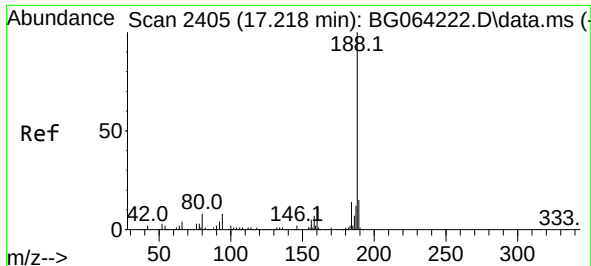


#45
 2-Fluorobiphenyl
 Concen: 95.918 ng
 RT: 13.099 min Scan# 1704
 Delta R.T. -0.013 min
 Lab File: BG064320.D
 Acq: 9 Sep 2025 12:19



Tgt Ion:172 Resp: 435328
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.7 43.1
 170 23.8 19.0 28.6

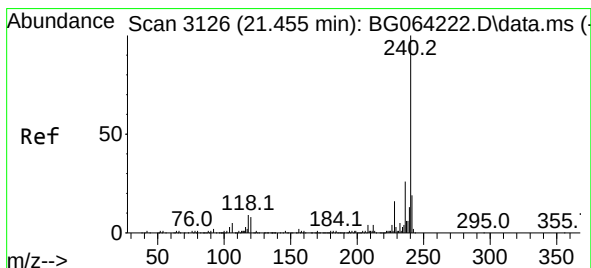
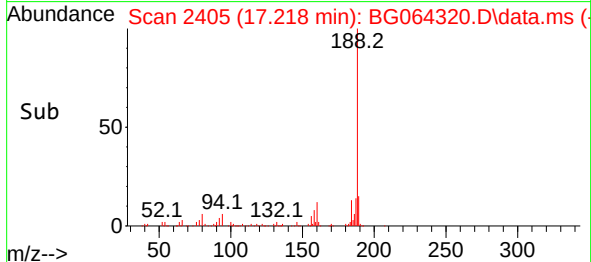
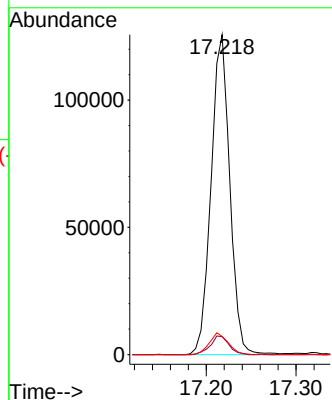
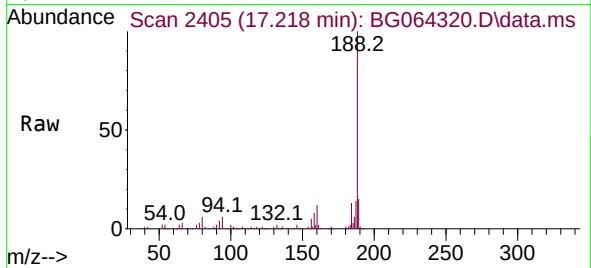




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19

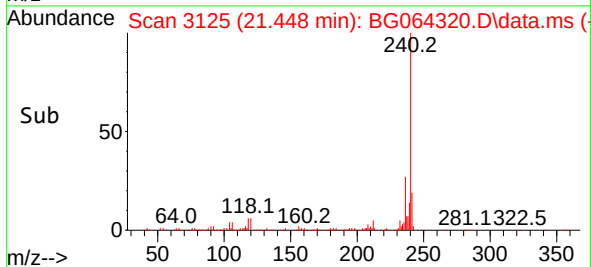
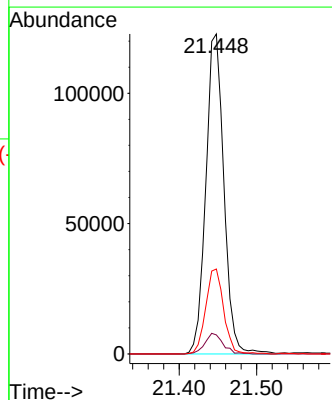
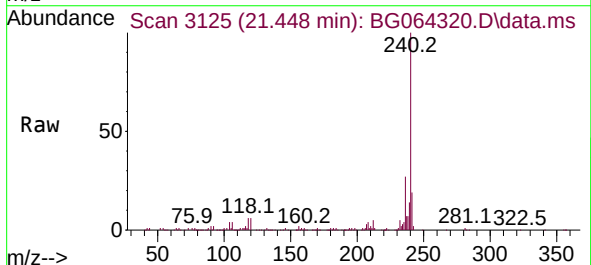
Instrument :
BNA_G
ClientSampleId :
PB169604BL

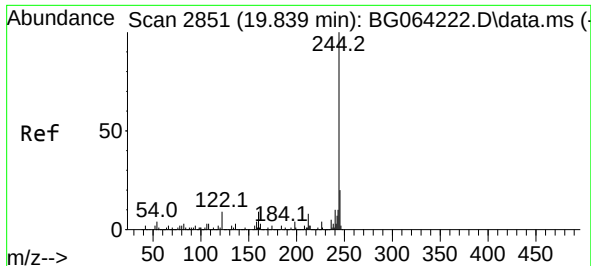
Tgt Ion:188 Resp: 182414
Ion Ratio Lower Upper
188 100
94 5.6 6.2 9.4#
80 5.7 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064320.D
Acq: 9 Sep 2025 12:19

Tgt Ion:240 Resp: 197857
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 26.5 20.5 30.7

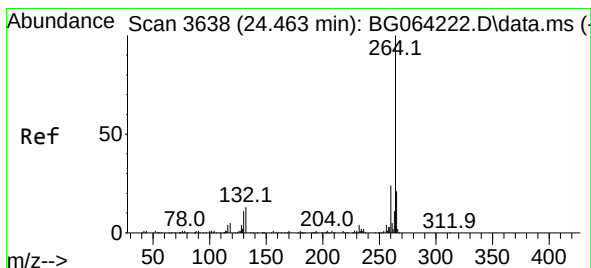
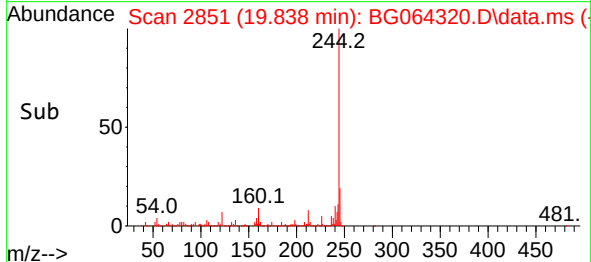
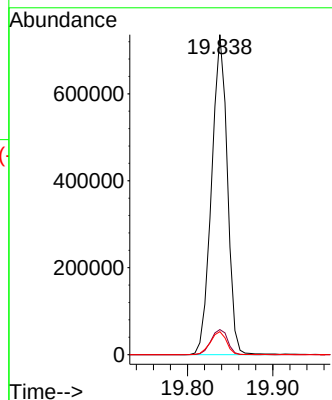
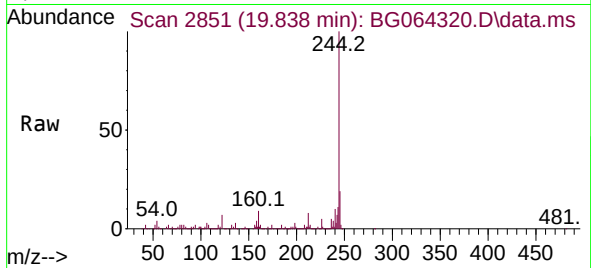




#79
 Terphenyl-d14
 Concen: 99.400 ng
 RT: 19.838 min Scan# 2851
 Delta R.T. -0.007 min
 Lab File: BG064320.D
 Acq: 9 Sep 2025 12:19

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 942651
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 10.0
 122 7.2 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 3637
 Delta R.T. -0.007 min
 Lab File: BG064320.D
 Acq: 9 Sep 2025 12:19

Tgt Ion:264 Resp: 217511
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 18.4 16.7 25.1

