

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064308.D
 Acq On : 8 Sep 2025 15:38
 Operator : RC/JU
 Sample : Q3022-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1413

Quant Time: Sep 08 16:35:27 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	26248	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	112500	20.000	ng	#-0.01
39) Acenaphthene-d10	14.474	164	76851	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	173812	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	201101	20.000	ng	# 0.00
86) Perylene-d12	24.456	264	226638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.437	112	84832	57.984	ng	0.00
7) Phenol-d6	7.018	99	67757	33.711	ng	-0.01
23) Nitrobenzene-d5	9.004	82	185539	91.978	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	162817	159.950	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	462212	91.801	ng	-0.01
79) Terphenyl-d14	19.838	244	890374	92.373	ng	0.00

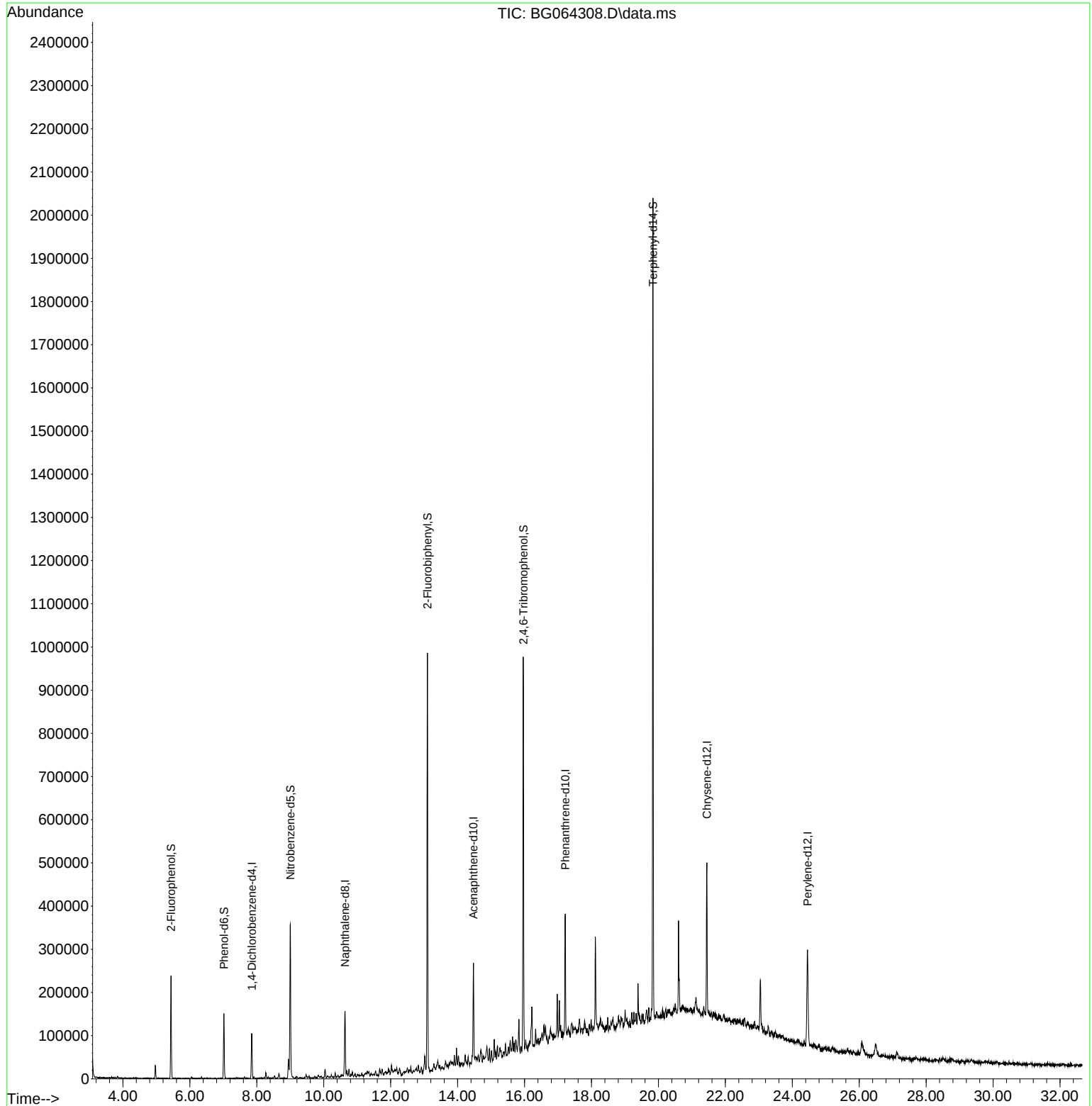
Target Compounds	Qvalue

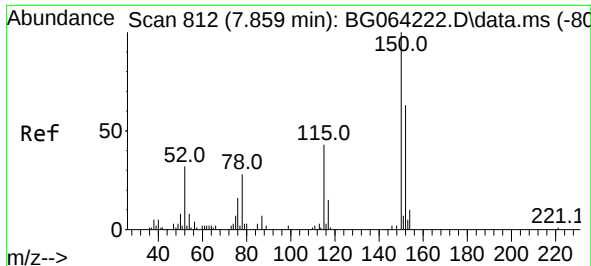
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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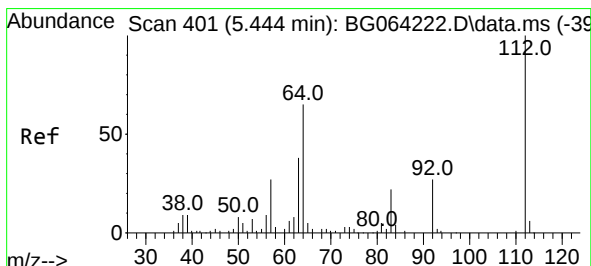
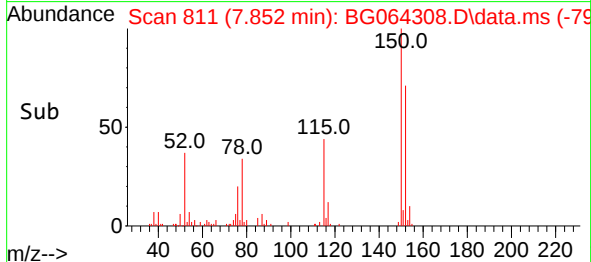
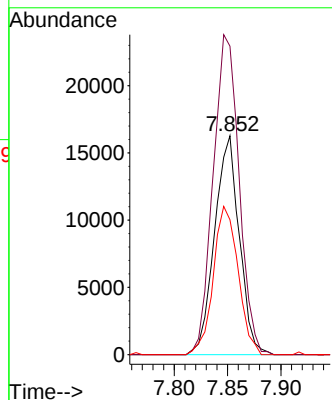
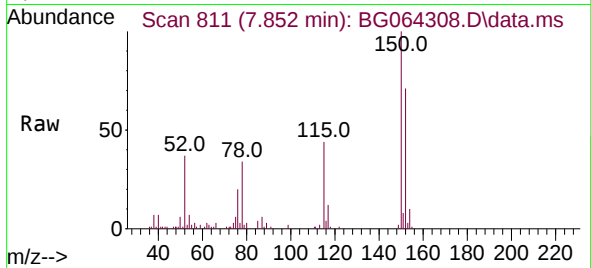




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

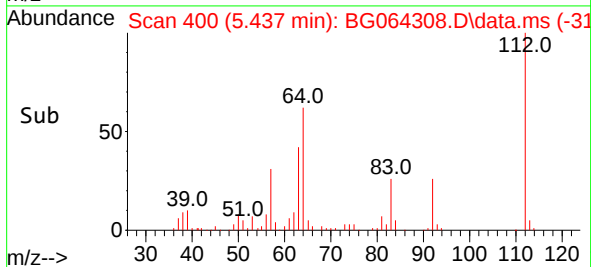
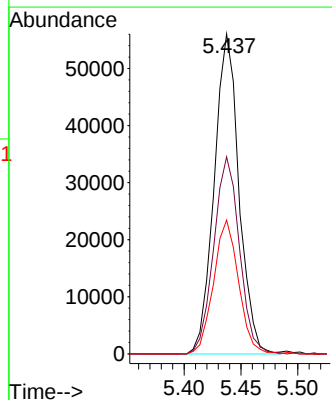
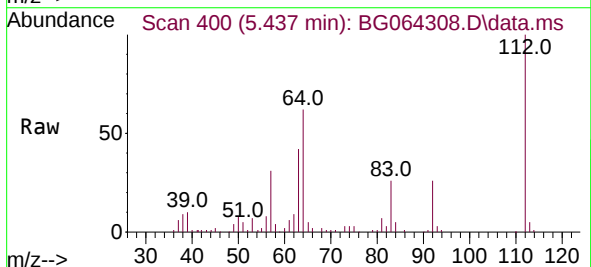
Instrument :
BNA_G
ClientSampleId :
1413

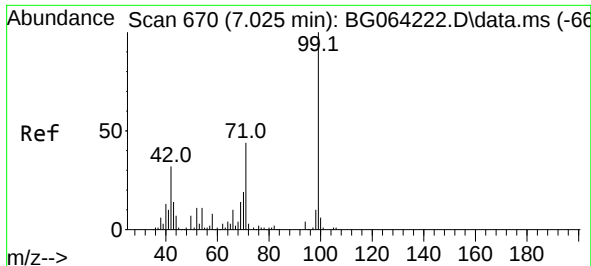
Tgt Ion:152 Resp: 26248
Ion Ratio Lower Upper
152 100
150 140.9 128.0 192.0
115 61.6 55.7 83.5



#5
2-Fluorophenol
Concen: 57.984 ng
RT: 5.437 min Scan# 400
Delta R.T. -0.007 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

Tgt Ion:112 Resp: 84832
Ion Ratio Lower Upper
112 100
64 61.6 51.8 77.6
63 41.8 30.6 45.8

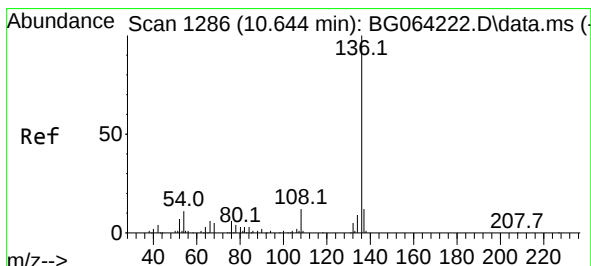
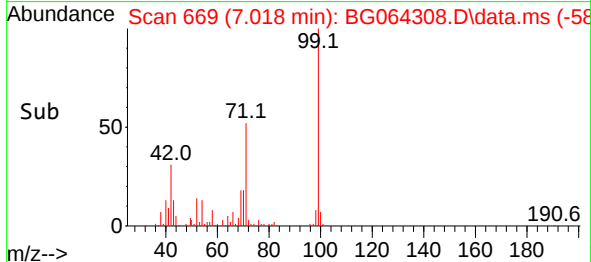
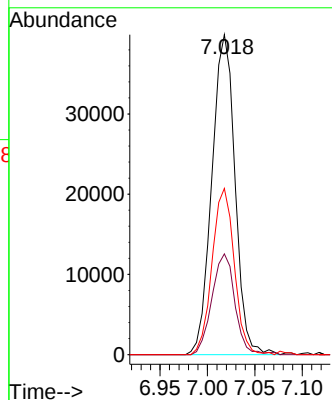
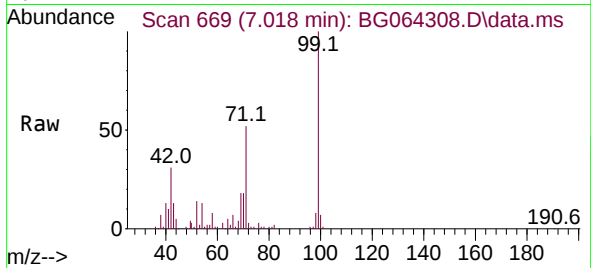




#7
Phenol-d6
Concen: 33.711 ng
RT: 7.018 min Scan# 60
Delta R.T. -0.013 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

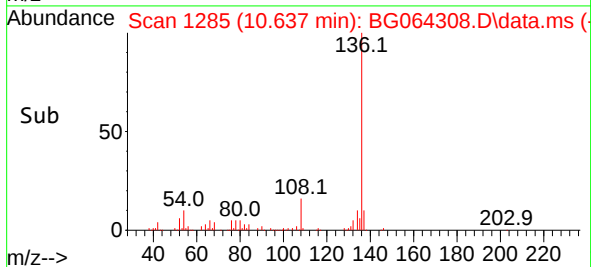
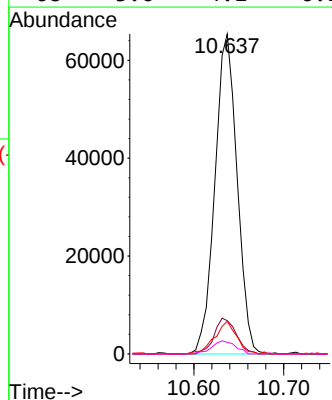
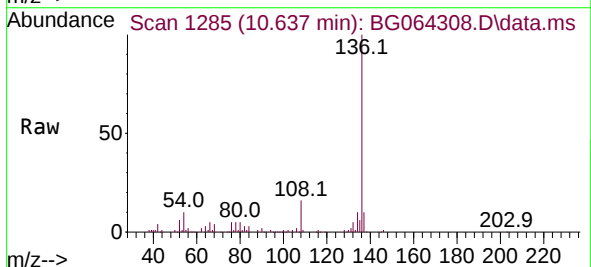
Instrument :
BNA_G
ClientSampleId :
1413

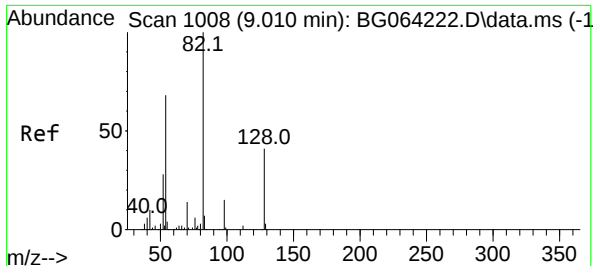
Tgt Ion: 99 Resp: 67757
Ion Ratio Lower Upper
99 100
42 31.5 25.8 38.8
71 51.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

Tgt Ion: 136 Resp: 112500
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.2 8.8 13.2
68 3.6 4.1 6.1#

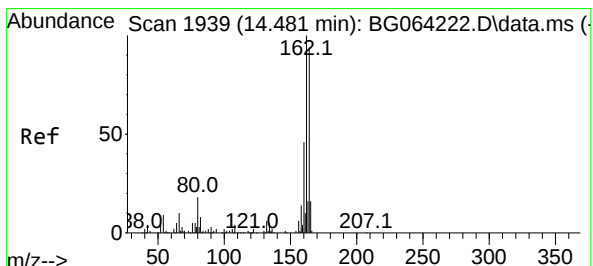
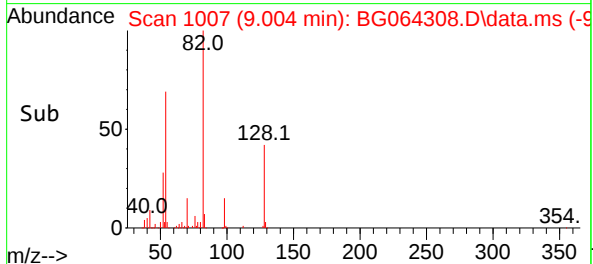
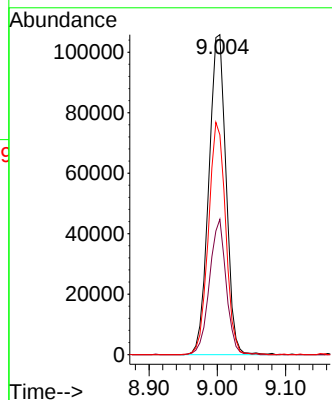
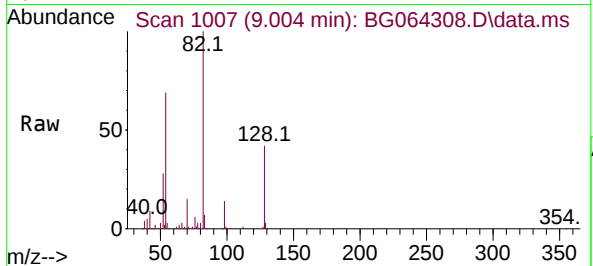




#23
Nitrobenzene-d5
Concen: 91.978 ng
RT: 9.004 min Scan# 10
Delta R.T. -0.013 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

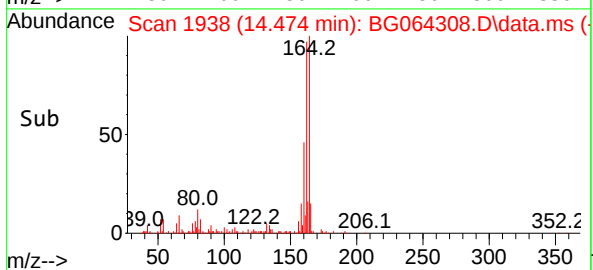
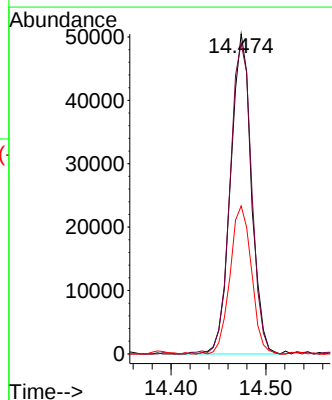
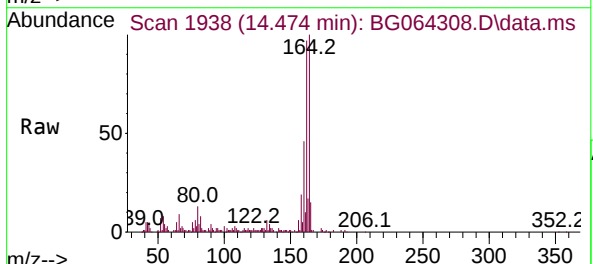
Instrument :
BNA_G
ClientSampleId :
1413

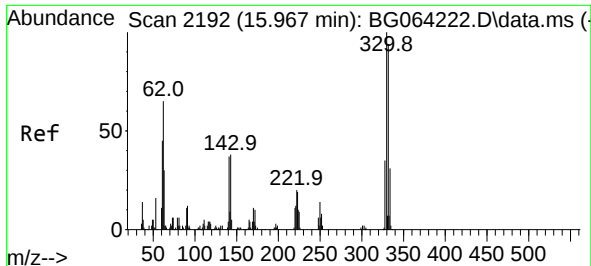
Tgt Ion: 82 Resp: 185539
Ion Ratio Lower Upper
82 100
128 42.3 32.6 48.8
54 68.7 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

Tgt Ion:164 Resp: 76851
Ion Ratio Lower Upper
164 100
162 97.0 85.4 128.0
160 46.2 39.2 58.8

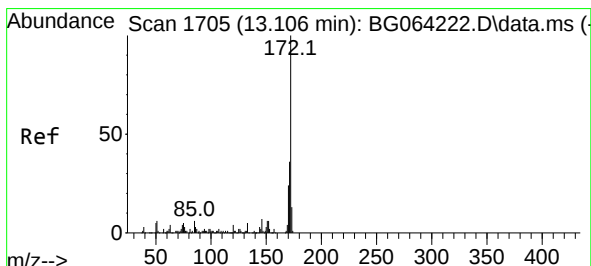
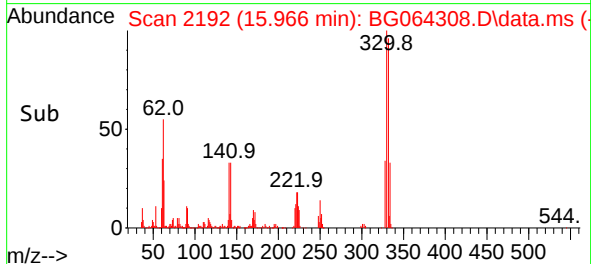
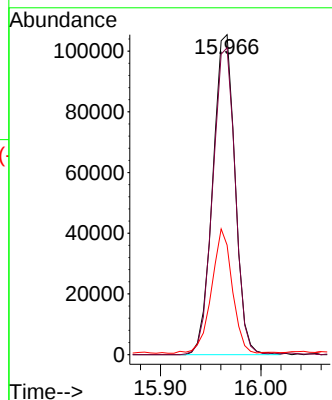
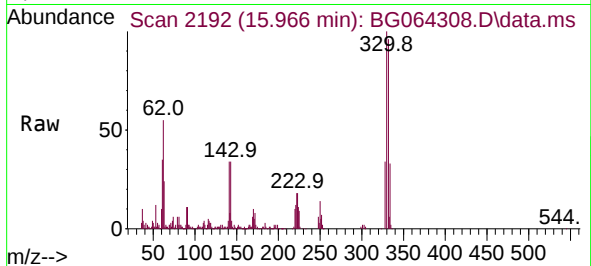




#42
2,4,6-Tribromophenol
Concen: 159.950 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

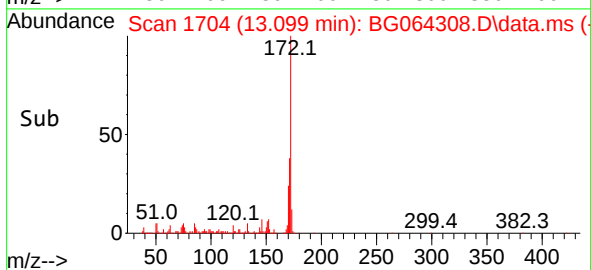
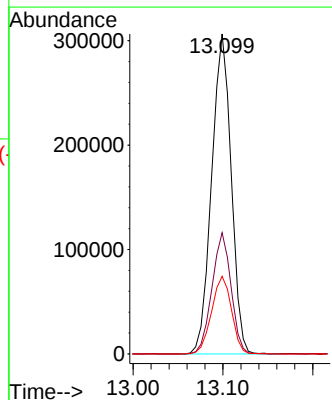
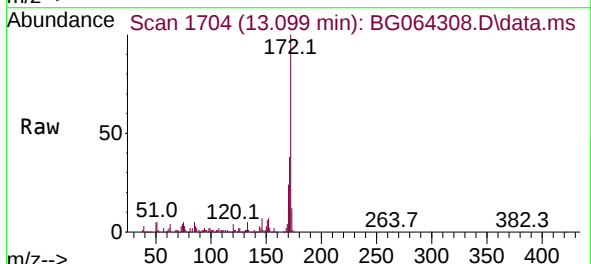
Instrument :
BNA_G
ClientSampleId :
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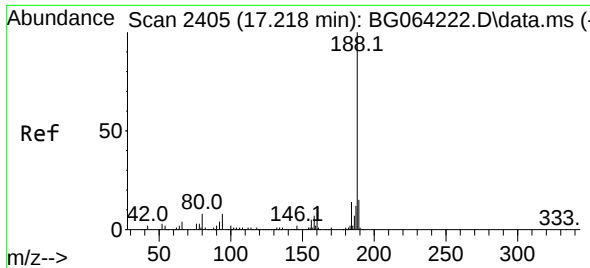
Tgt Ion:330 Resp: 162817
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 36.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 91.801 ng
RT: 13.099 min Scan# 1704
Delta R.T. -0.013 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

Tgt Ion:172 Resp: 462212
Ion Ratio Lower Upper
172 100
171 37.9 28.7 43.1
170 24.2 19.0 28.6

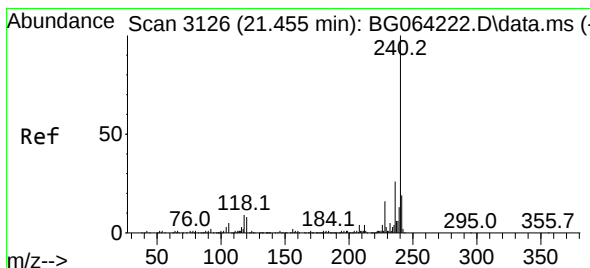
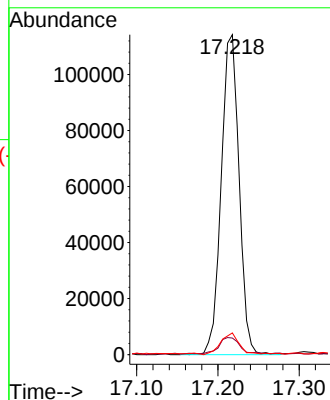
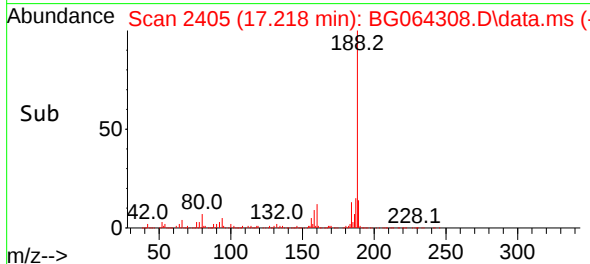
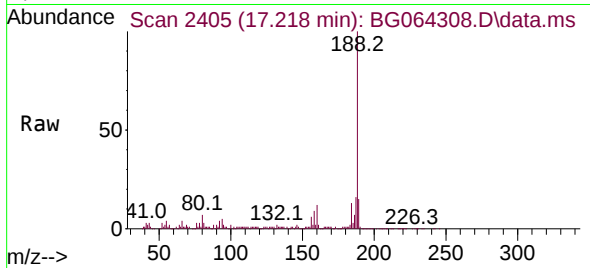




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

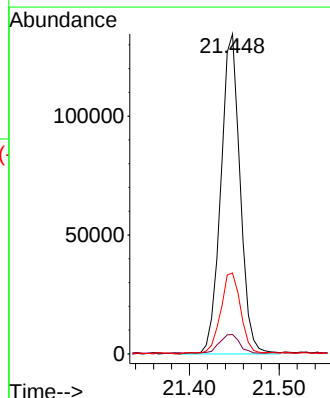
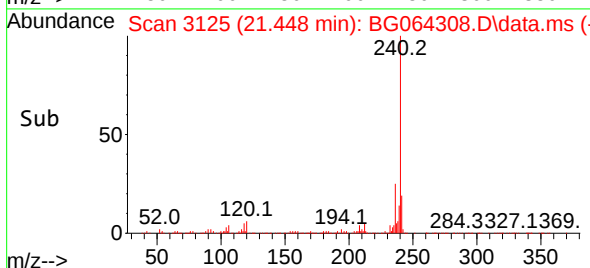
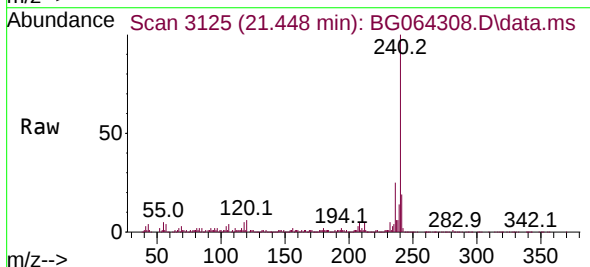
Instrument :
BNA_G
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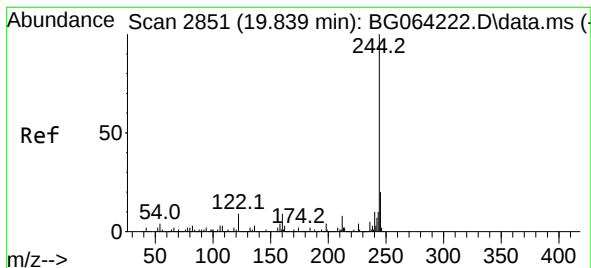
Tgt Ion:188 Resp: 173812
Ion Ratio Lower Upper
188 100
94 5.2 6.2 9.4#
80 6.8 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064308.D
Acq: 8 Sep 2025 15:38

Tgt Ion:240 Resp: 201101
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.4#
236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 92.373 ng

RT: 19.838 min Scan# 2851

Delta R.T. -0.007 min

Lab File: BG064308.D

Acq: 8 Sep 2025 15:38

Instrument :

BNA_G

ClientSampleId :

1413

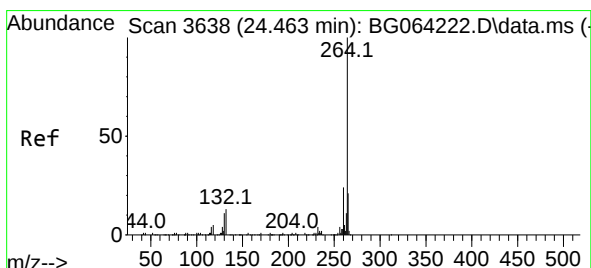
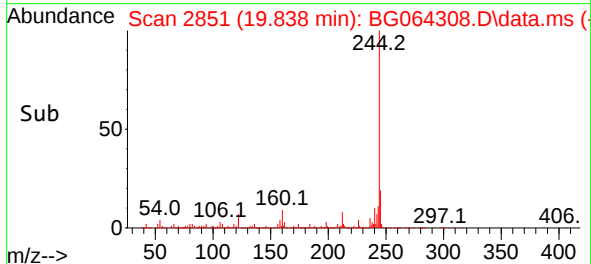
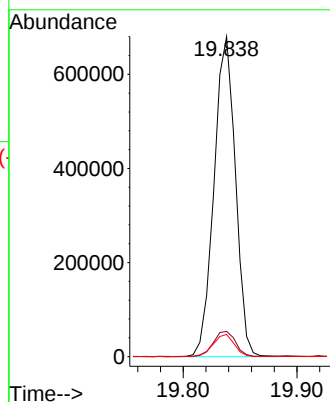
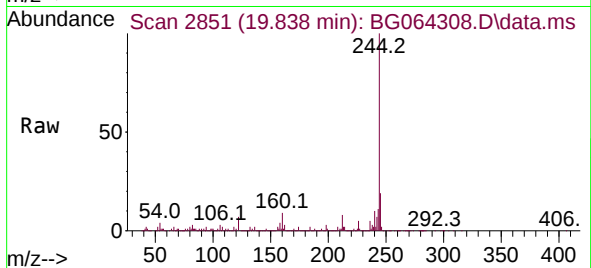
Tgt Ion:244 Resp: 890374

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

122 6.9 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: BG064308.D

Acq: 8 Sep 2025 15:38

Tgt Ion:264 Resp: 226638

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 20.1 16.7 25.1

