

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064251.D
 Acq On : 3 Sep 2025 13:02
 Operator : RC/JU
 Sample : PB169490BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169490BL

Quant Time: Sep 03 14:01:43 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	7.853	152	35595	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	149885	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	104319	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	223148	20.000	ng	0.00
76) Chrysene-d12	21.449	240	229168	20.000	ng	0.00
86) Perylene-d12	24.463	264	241225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	308651	155.569	ng	0.00
7) Phenol-d6	7.025	99	428518	157.214	ng	0.00
23) Nitrobenzene-d5	9.005	82	284052	105.692	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	197669	143.057	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	682691	99.889	ng	0.00
79) Terphenyl-d14	19.845	244	1128360	102.726	ng	0.00

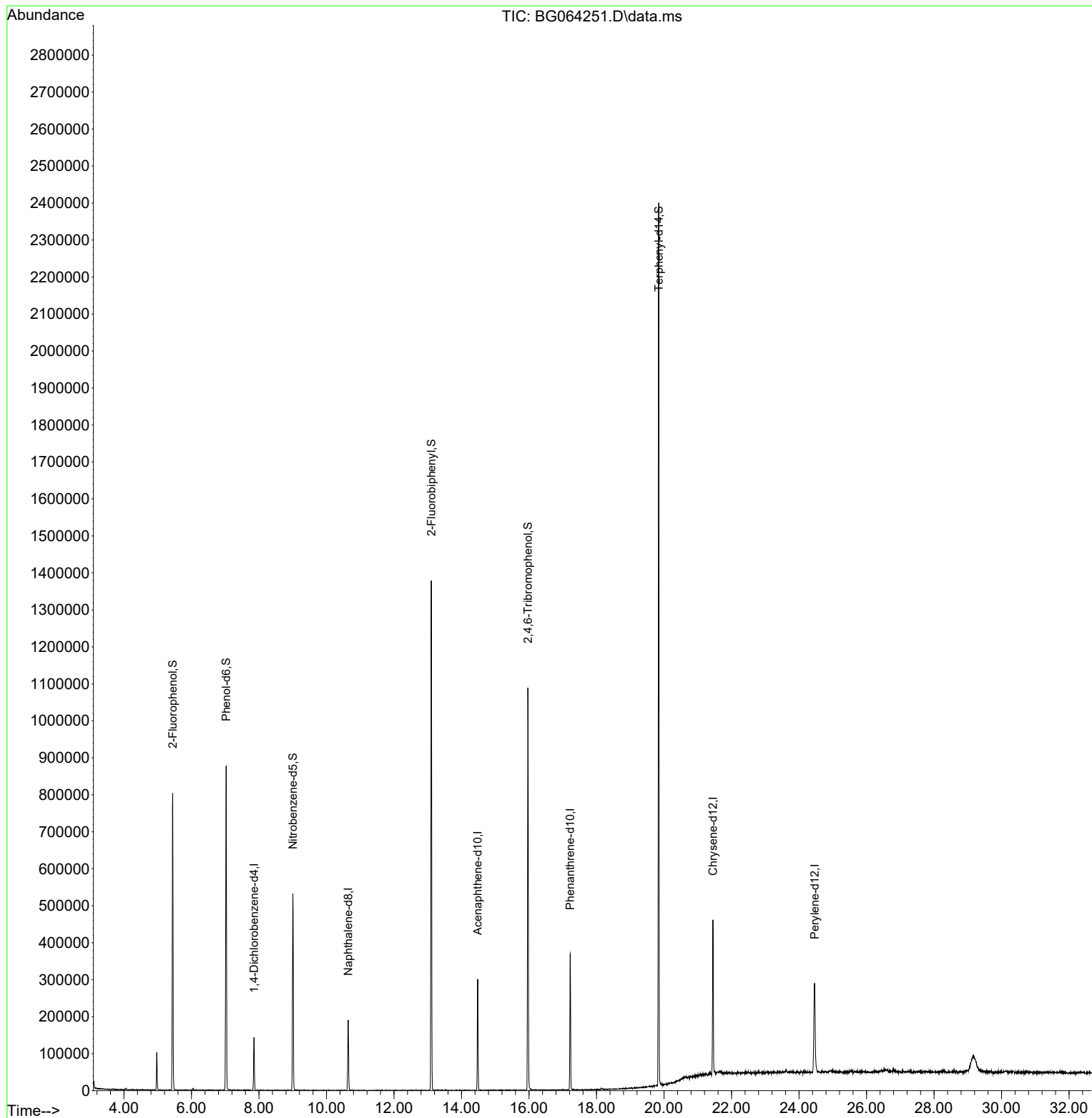
Target Compounds	Qvalue

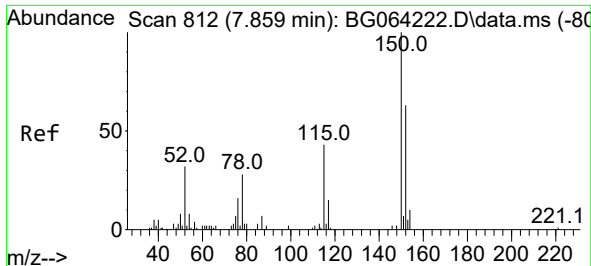
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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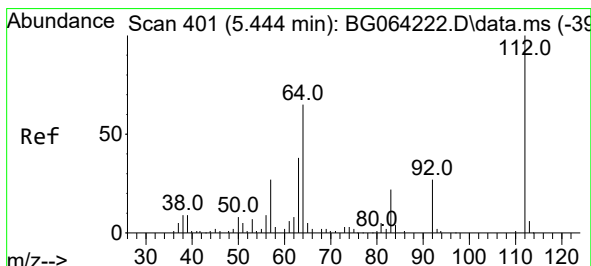
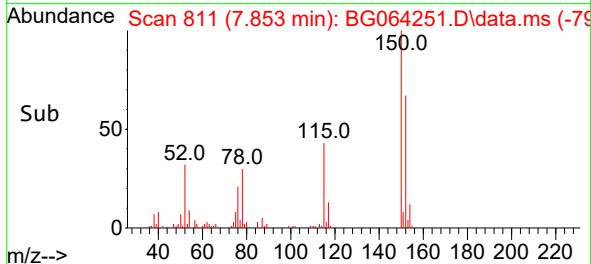
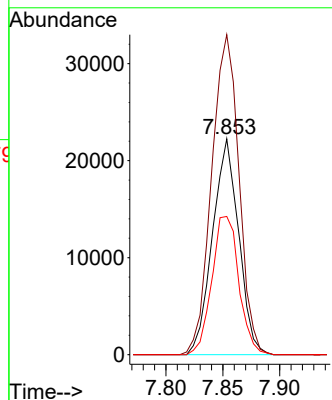
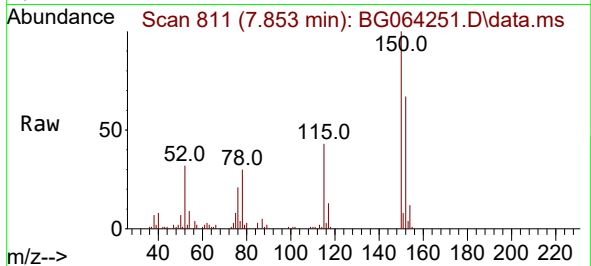




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

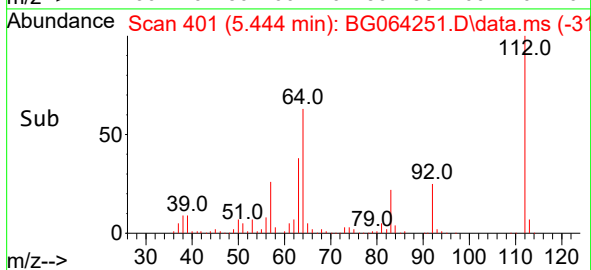
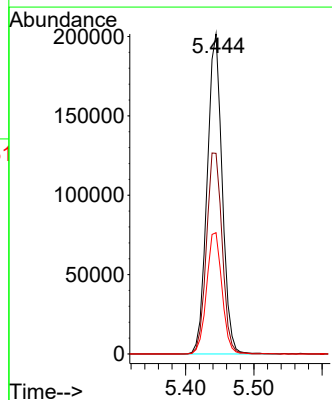
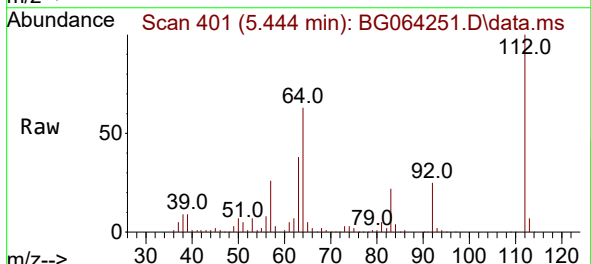
Instrument :
BNA_G
ClientSampleId :
PB169490BL

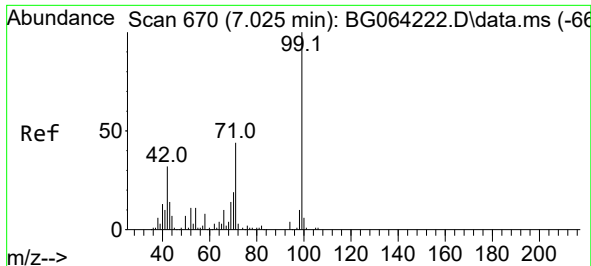
Tgt Ion:152 Resp: 35595
Ion Ratio Lower Upper
152 100
150 148.3 128.0 192.0
115 64.1 55.7 83.5



#5
2-Fluorophenol
Concen: 155.569 ng
RT: 5.444 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:112 Resp: 308651
Ion Ratio Lower Upper
112 100
64 62.7 51.8 77.6
63 37.9 30.6 45.8

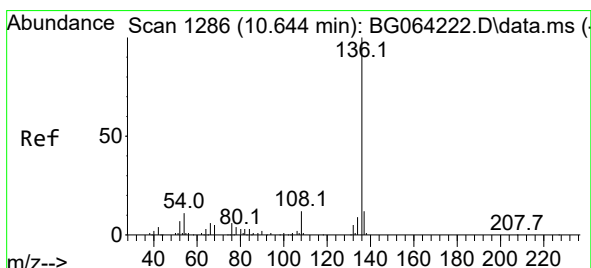
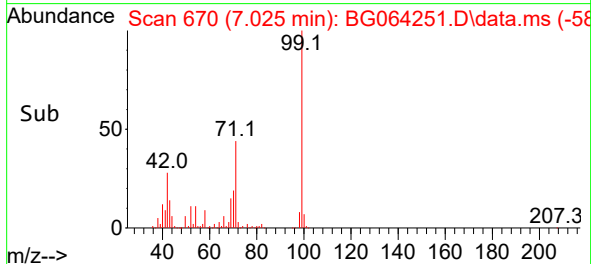
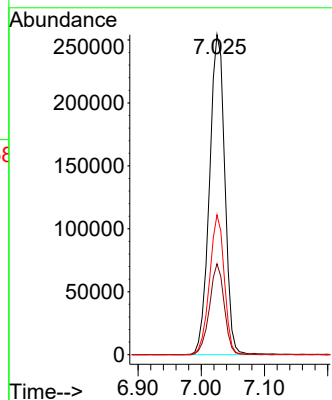
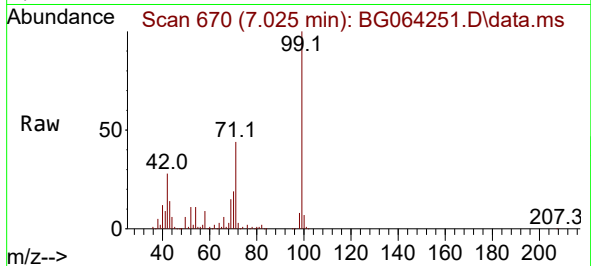




#7
Phenol-d6
Concen: 157.214 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

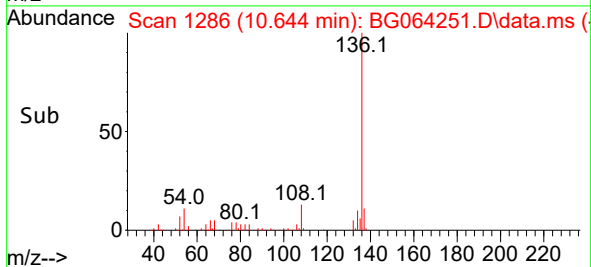
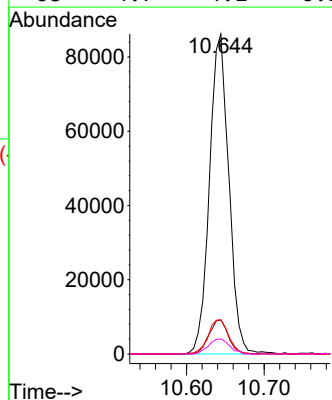
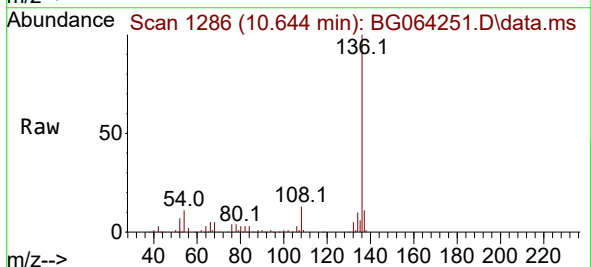
Instrument :
BNA_G
ClientSampleId :
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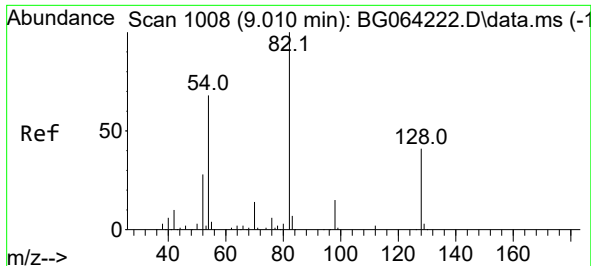
Tgt Ion: 99 Resp: 428518
Ion Ratio Lower Upper
99 100
42 28.4 25.8 38.8
71 43.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:136 Resp: 149885
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 10.7 8.8 13.2
68 4.7 4.1 6.1

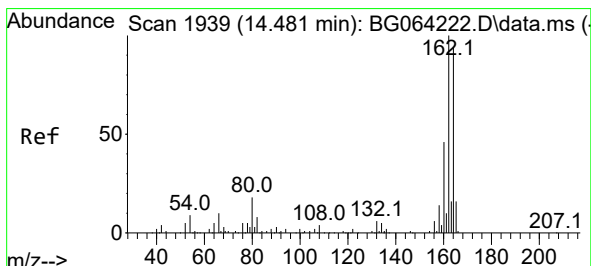
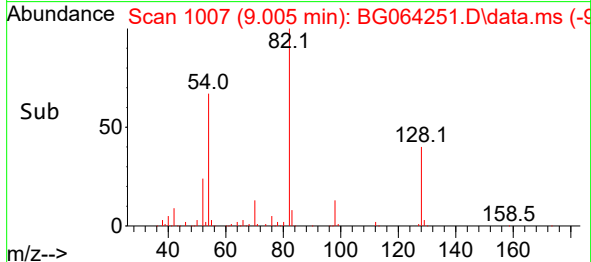
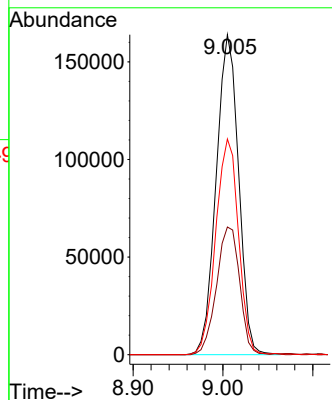
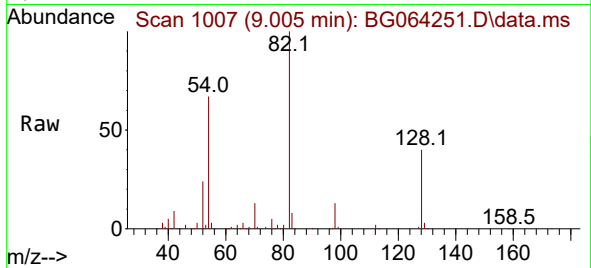




#23
Nitrobenzene-d5
Concen: 105.692 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

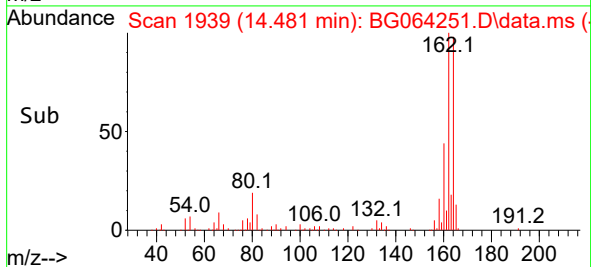
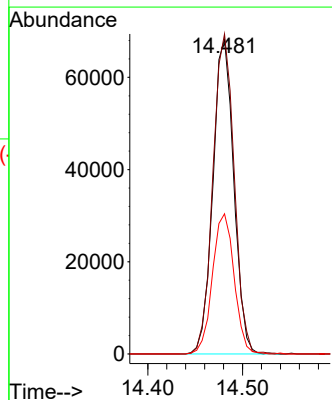
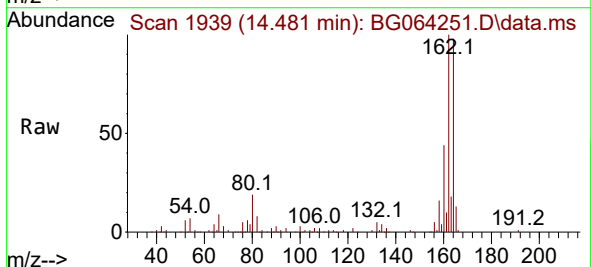
Instrument :
BNA_G
ClientSampleId :
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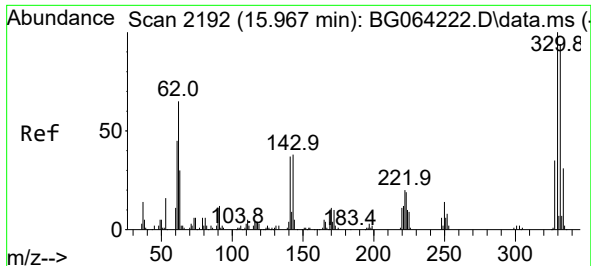
Tgt Ion: 82 Resp: 284052
Ion Ratio Lower Upper
82 100
128 39.9 32.6 48.8
54 67.4 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

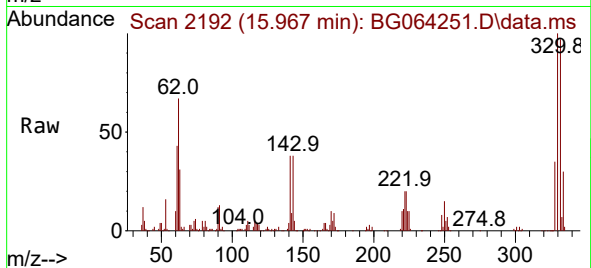
Tgt Ion:164 Resp: 104319
Ion Ratio Lower Upper
164 100
162 101.7 85.4 128.0
160 44.5 39.2 58.8



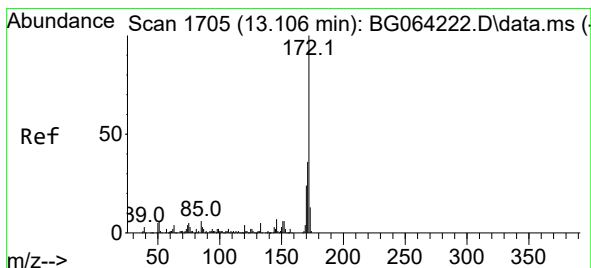
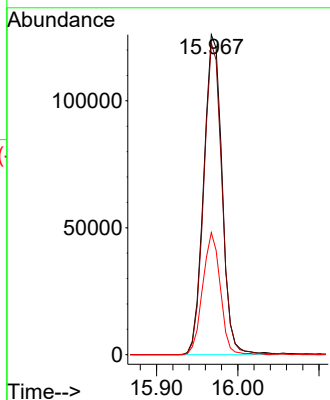
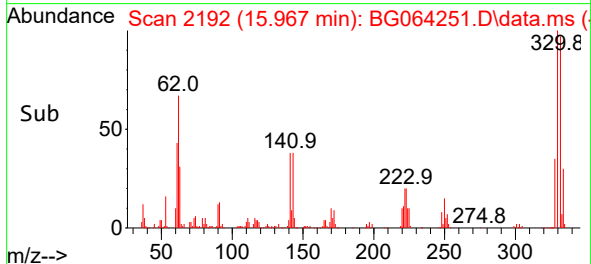


#42
2,4,6-Tribromophenol
Concen: 143.057 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

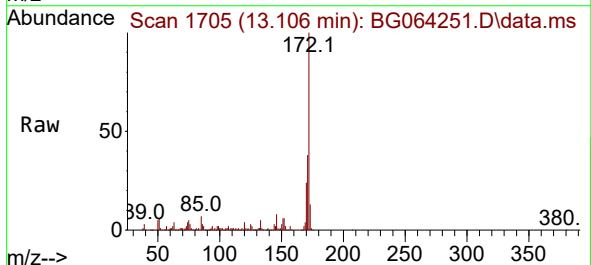
Instrument :
BNA_G
ClientSampleId :
PB169490BL



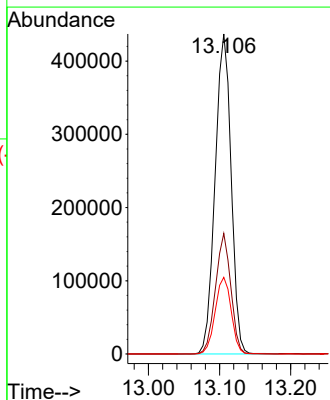
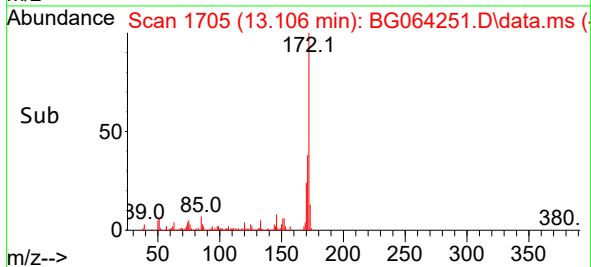
Tgt Ion:330 Resp: 197669
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 36.6 29.8 44.6

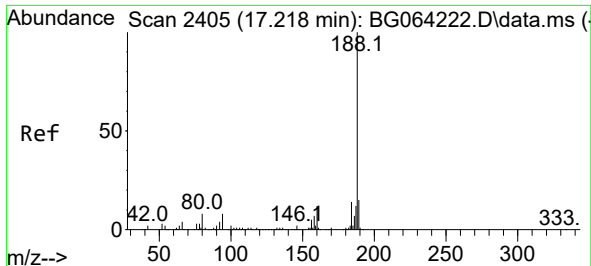


#45
2-Fluorobiphenyl
Concen: 99.889 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02



Tgt Ion:172 Resp: 682691
Ion Ratio Lower Upper
172 100
171 37.6 28.7 43.1
170 23.9 19.0 28.6

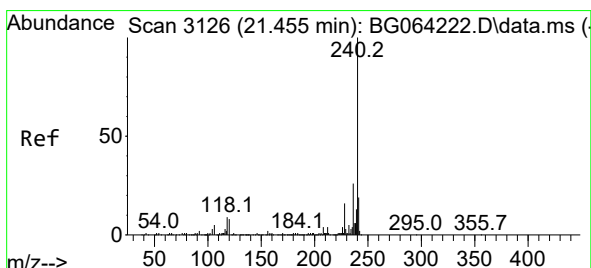
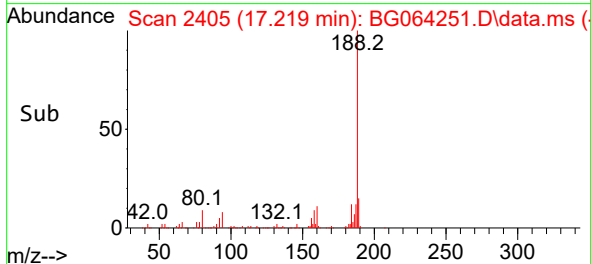
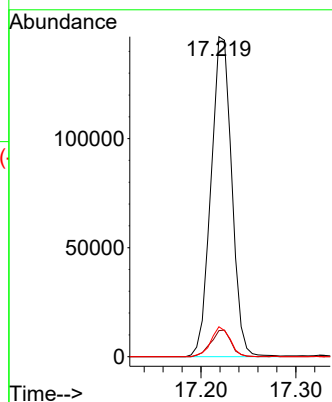
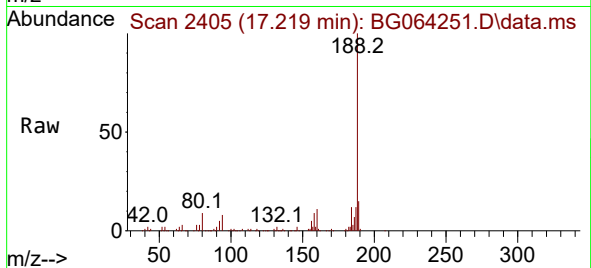




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

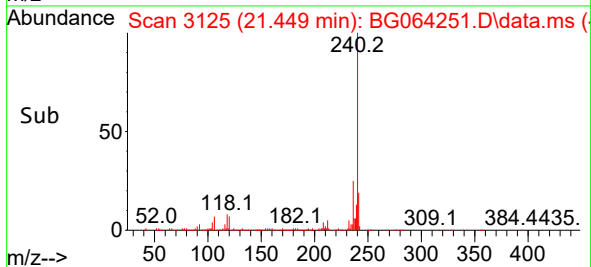
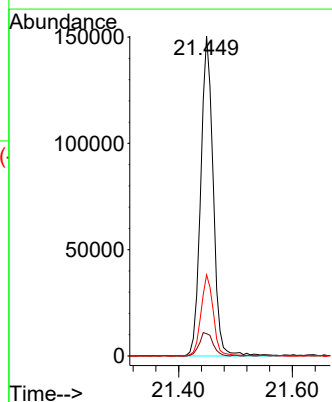
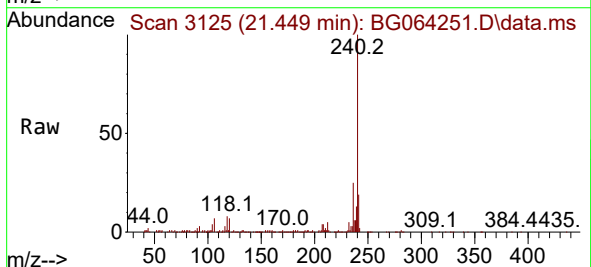
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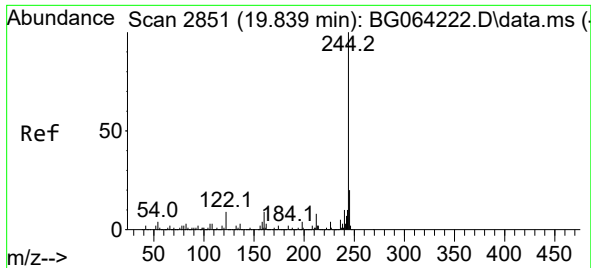
Tgt Ion:188 Resp: 223148
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 9.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064251.D
Acq: 3 Sep 2025 13:02

Tgt Ion:240 Resp: 229168
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.4
236 25.4 20.5 30.7

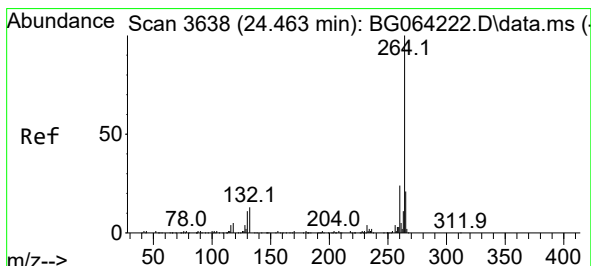
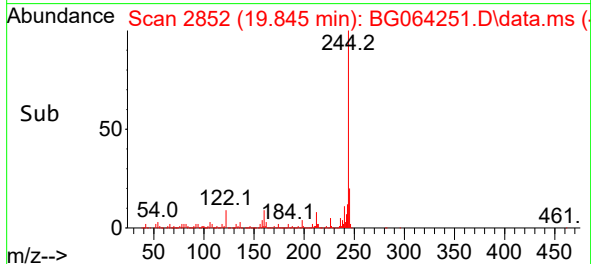
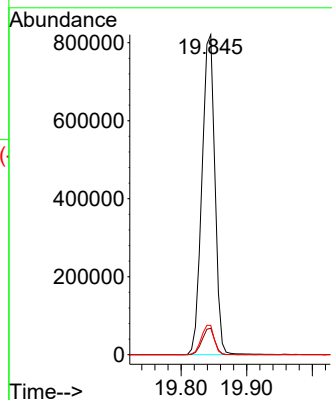
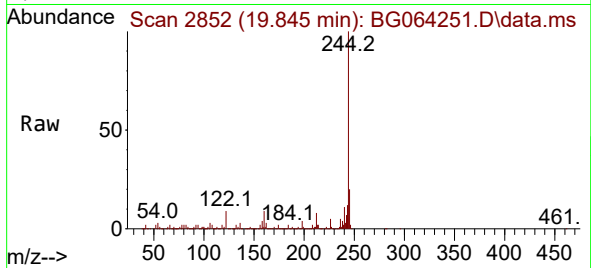




#79
 Terphenyl-d14
 Concen: 102.726 ng
 RT: 19.845 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG064251.D
 Acq: 3 Sep 2025 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB169490BL

Tgt Ion:244 Resp: 1128360
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 9.1 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.463 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: BG064251.D
 Acq: 3 Sep 2025 13:02

Tgt Ion:264 Resp: 241225
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 19.9 16.7 25.1

