

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
Data File : BG064318.D
Acq On : 9 Sep 2025 10:57
Operator : RC/JU
Sample : PB169593BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169593BL

Quant Time: Sep 09 12:09:14 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	7.847	152	21337	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	90384	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	68501	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	179730	20.000	ng	#-0.01
76) Chrysene-d12	21.443	240	195693	20.000	ng	-0.01
86) Perylene-d12	24.451	264	210377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.438	112	184729	155.327	ng	0.00
7) Phenol-d6	7.025	99	248966	152.377	ng	0.00
23) Nitrobenzene-d5	8.999	82	178301	110.019	ng	-0.02
42) 2,4,6-Tribromophenol	15.961	330	178484	196.714	ng	-0.01
45) 2-Fluorobiphenyl	13.100	172	471286	105.013	ng	-0.01
79) Terphenyl-d14	19.839	244	1002805	106.912	ng	0.00

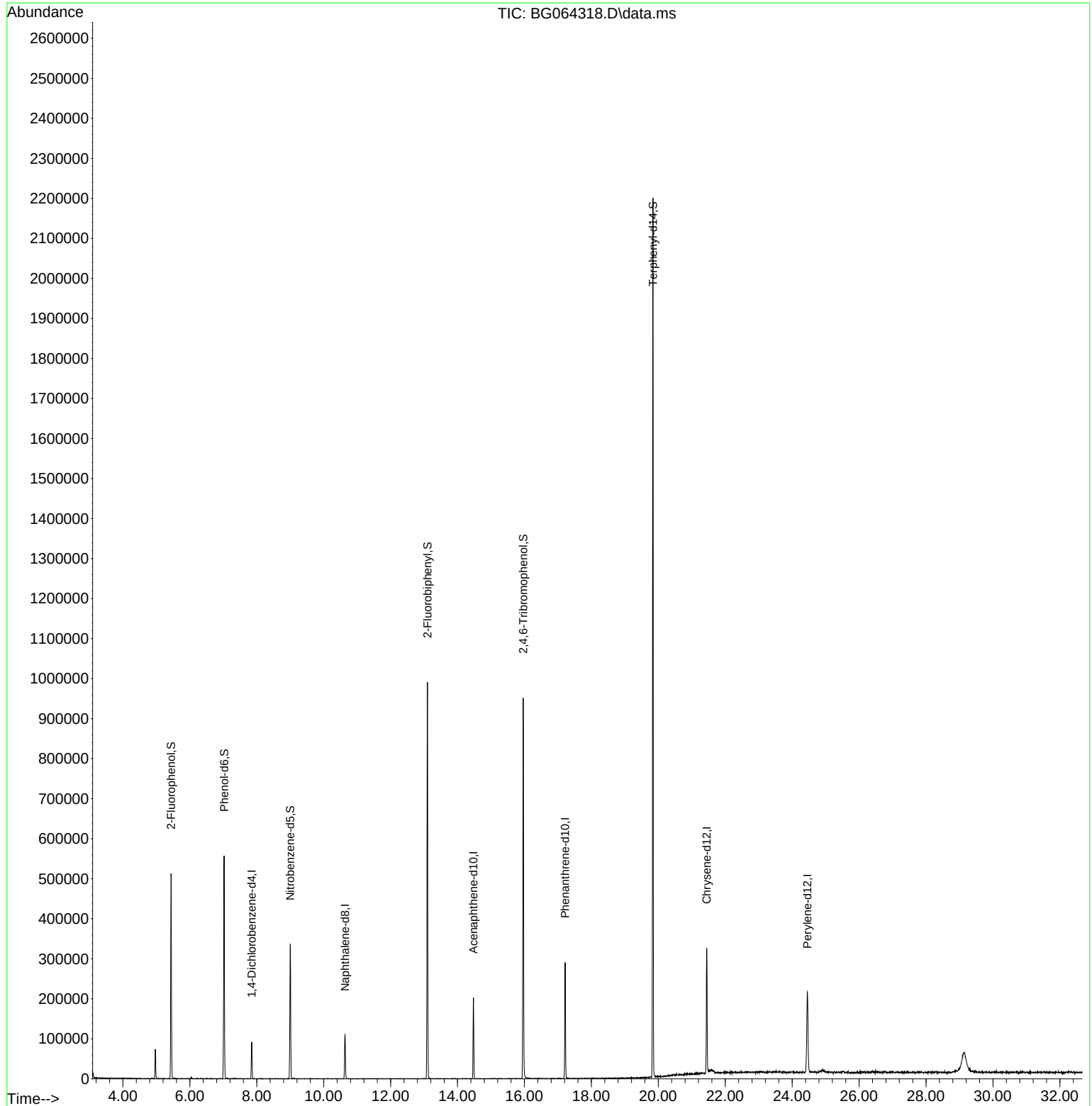
Target Compounds	Qvalue

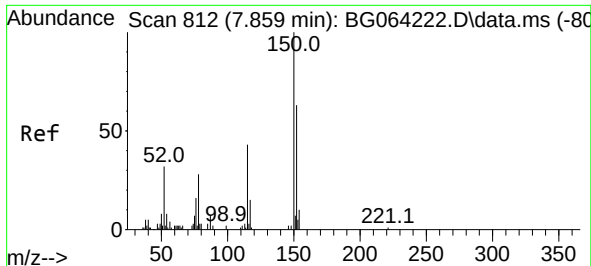
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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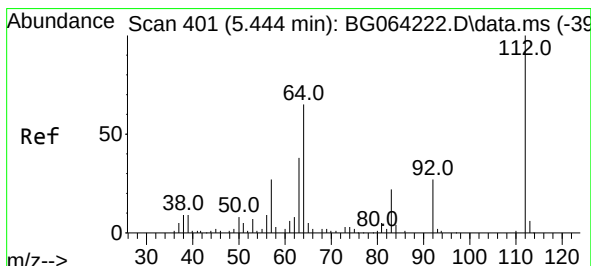
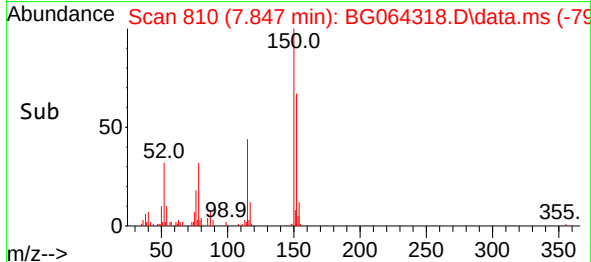
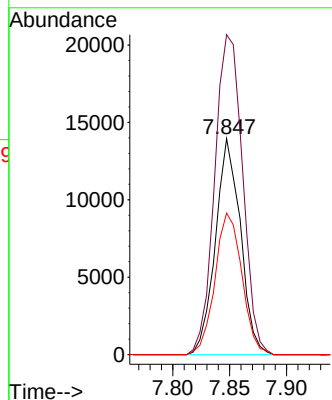
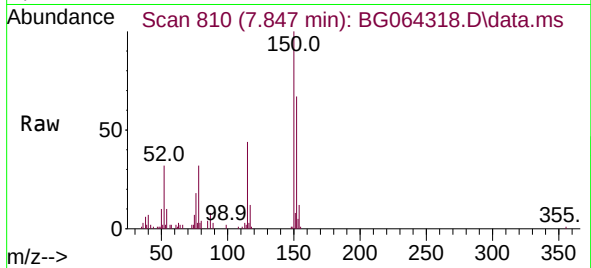




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.847 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BG064318.D
 Acq: 9 Sep 2025 10:57

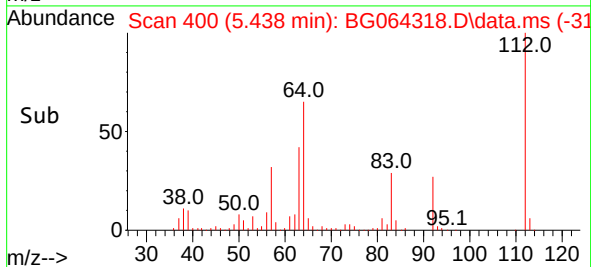
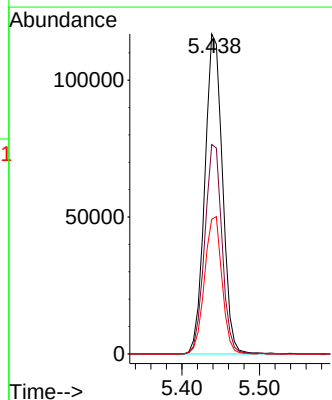
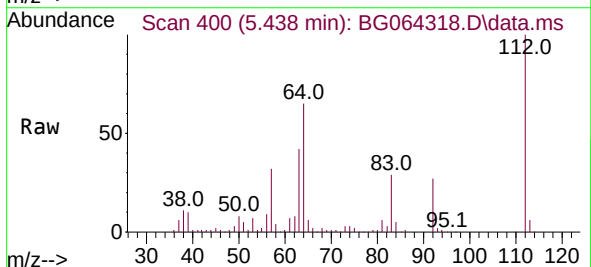
Instrument :
 BNA_G
 ClientSampleId :
 PB169593BL

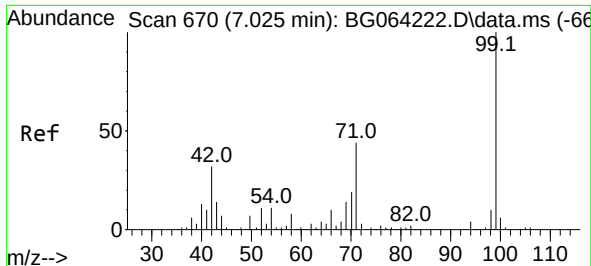
Tgt Ion:152 Resp: 21337
 Ion Ratio Lower Upper
 152 100
 150 148.2 128.0 192.0
 115 65.5 55.7 83.5



#5
 2-Fluorophenol
 Concen: 155.327 ng
 RT: 5.438 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: BG064318.D
 Acq: 9 Sep 2025 10:57

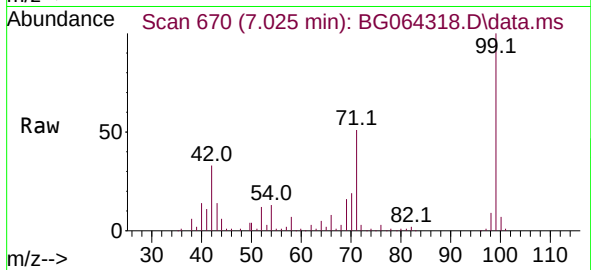
Tgt Ion:112 Resp: 184729
 Ion Ratio Lower Upper
 112 100
 64 65.4 51.8 77.6
 63 42.1 30.6 45.8



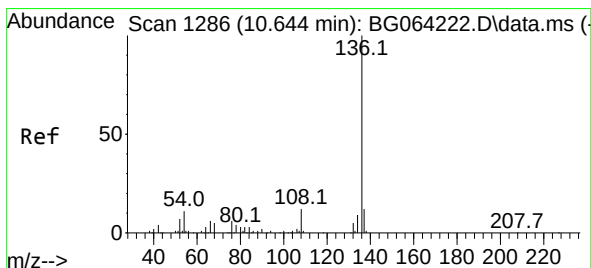
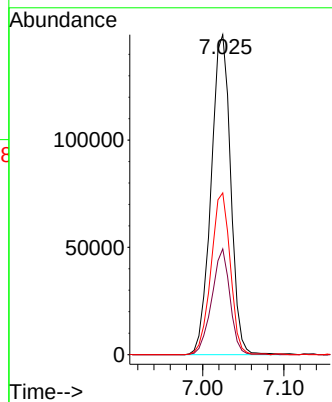
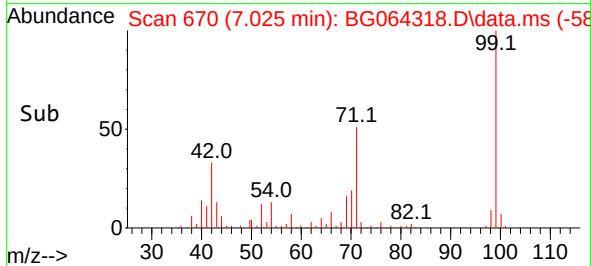


#7
Phenol-d6
Concen: 152.377 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

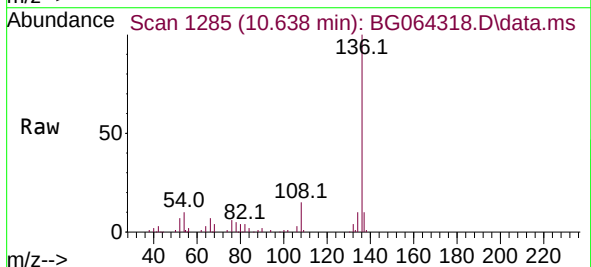
Instrument :
BNA_G
ClientSampleId :
PB169593BL



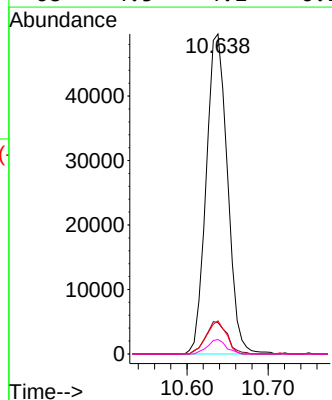
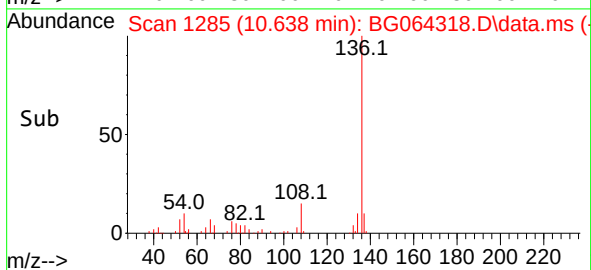
Tgt Ion: 99 Resp: 248966
Ion Ratio Lower Upper
99 100
42 33.0 25.8 38.8
71 50.5 35.2 52.8

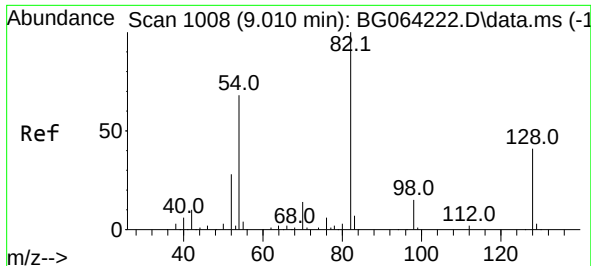


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57



Tgt Ion: 136 Resp: 90384
Ion Ratio Lower Upper
136 100
137 9.8 9.6 14.4
54 10.9 8.8 13.2
68 4.5 4.1 6.1





#23
Nitrobenzene-d5
Concen: 110.019 ng
RT: 8.999 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

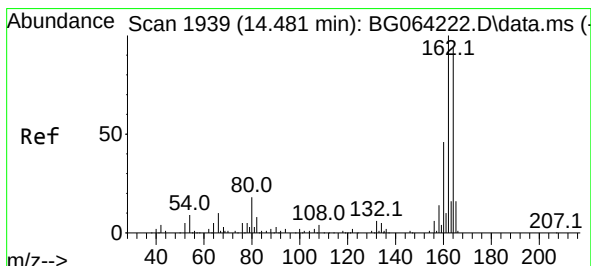
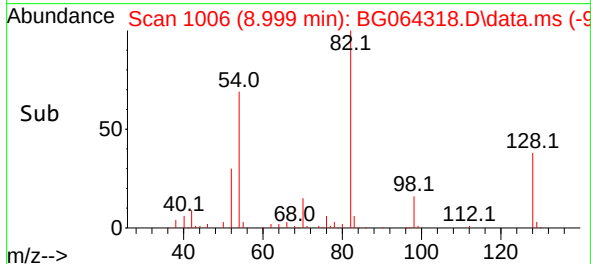
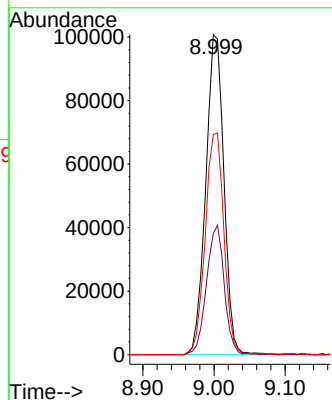
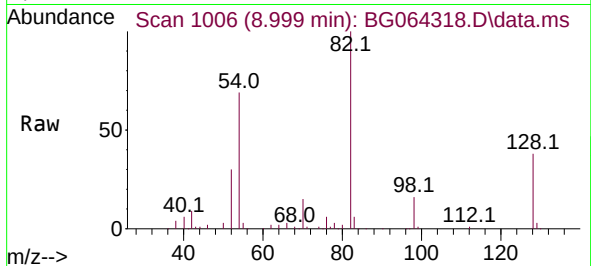
Instrument :

BNA_G

ClientSampleId :

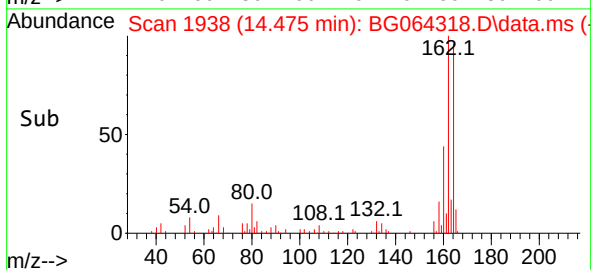
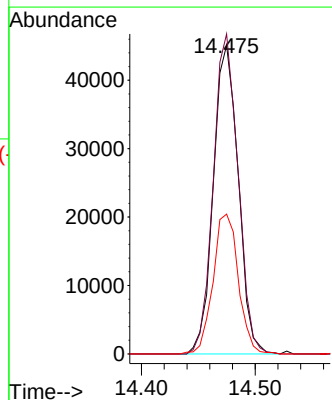
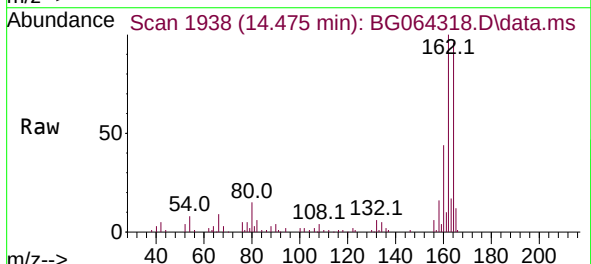
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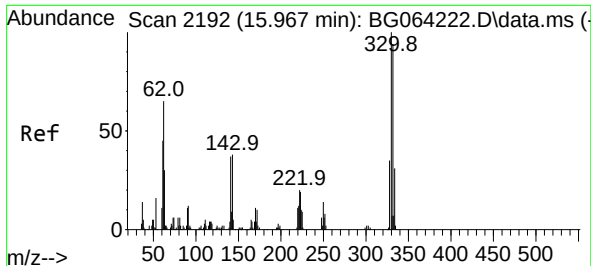
Tgt Ion: 82 Resp: 178301
Ion Ratio Lower Upper
82 100
128 37.9 32.6 48.8
54 68.7 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion: 164 Resp: 68501
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.0
160 45.3 39.2 58.8

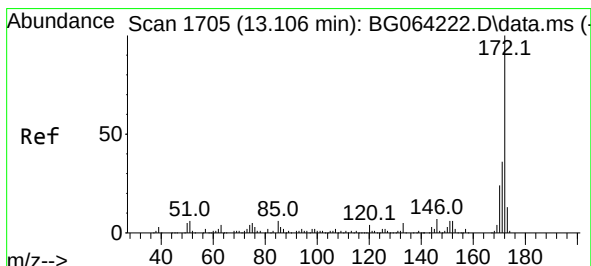
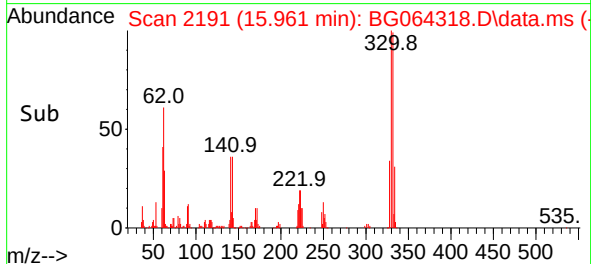
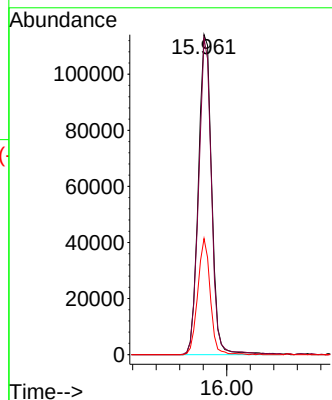
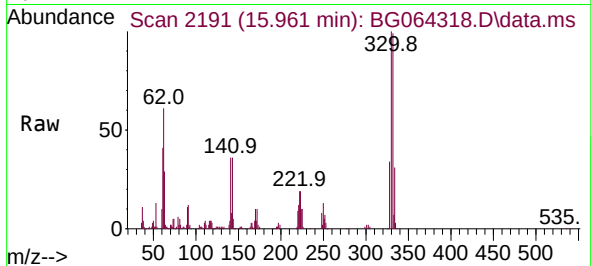




#42
2,4,6-Tribromophenol
Concen: 196.714 ng
RT: 15.961 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

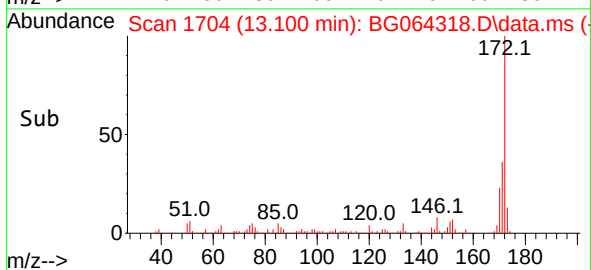
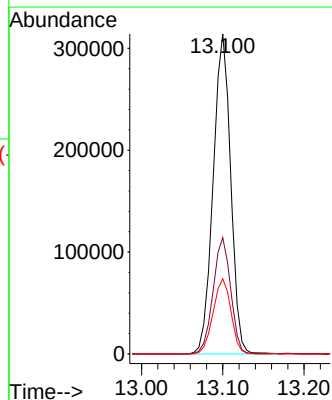
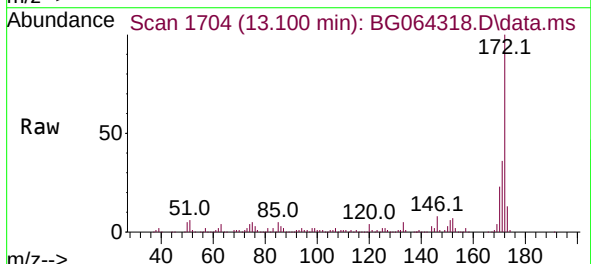
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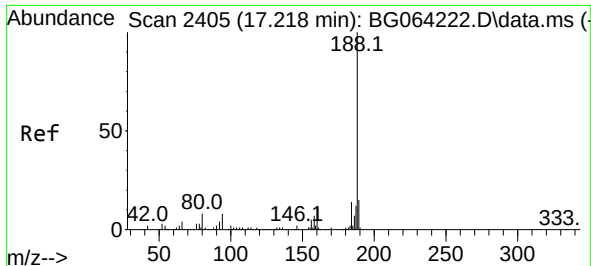
Tgt Ion:330 Resp: 178484
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 34.0 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 105.013 ng
RT: 13.100 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:172 Resp: 471286
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.5 19.0 28.6

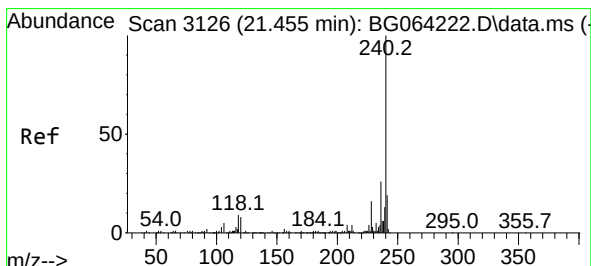
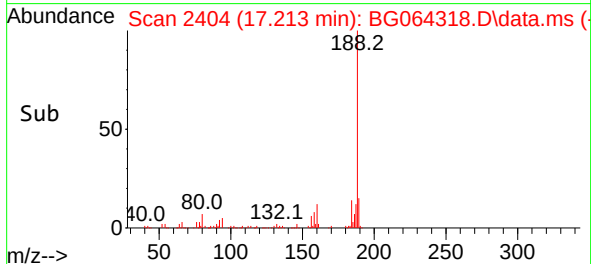
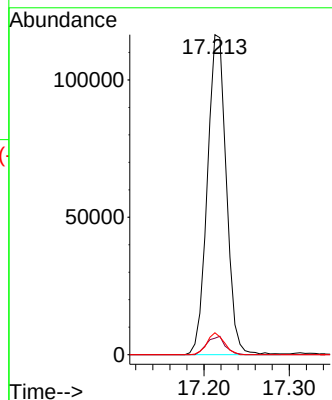
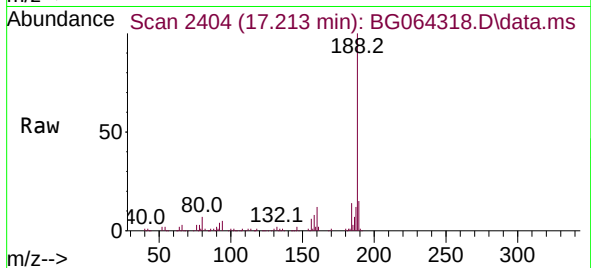




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 24
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

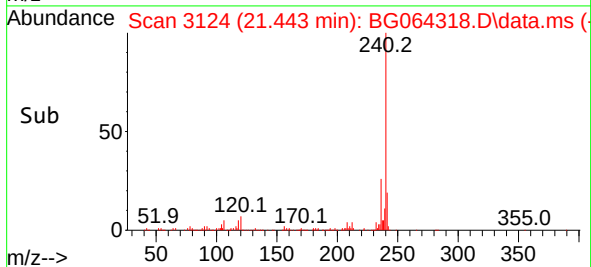
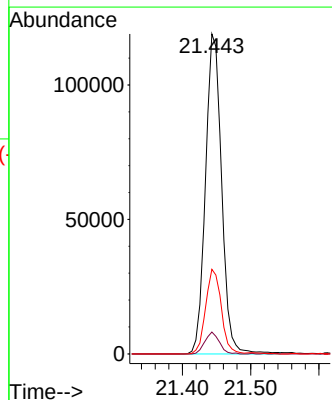
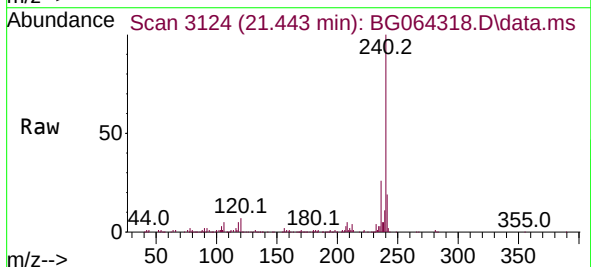
Instrument :
BNA_G
ClientSampleId :
PB169593BL

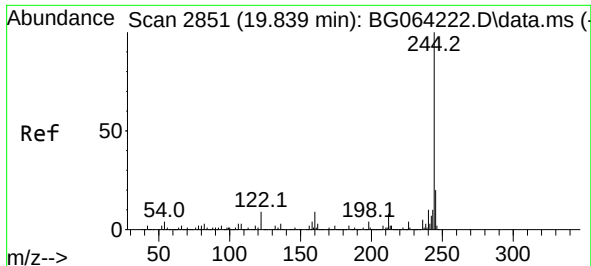
Tgt Ion:188 Resp: 179730
Ion Ratio Lower Upper
188 100
94 5.1 6.2 9.4#
80 6.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BG064318.D
Acq: 9 Sep 2025 10:57

Tgt Ion:240 Resp: 195693
Ion Ratio Lower Upper
240 100
120 6.8 6.2 9.4
236 26.4 20.5 30.7



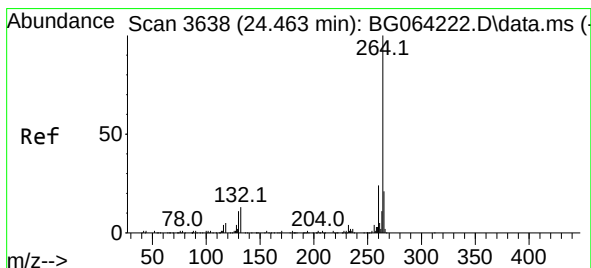
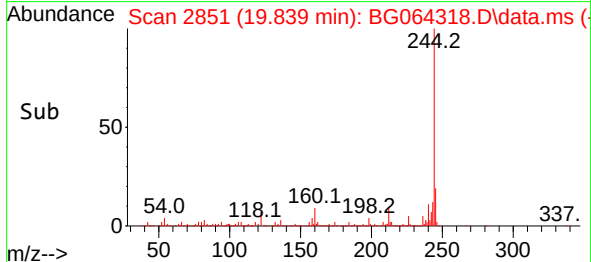
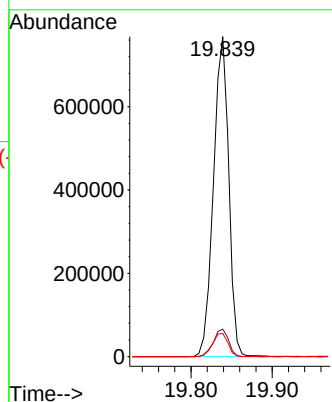
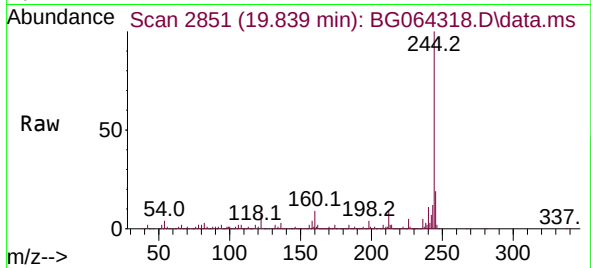


#79
 Terphenyl-d14
 Concen: 106.912 ng
 RT: 19.839 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BG064318.D
 Acq: 9 Sep 2025 10:57

Instrument :
 BNA_G
 ClientSampleId :
 PB169593BL

Tgt Ion:244 Resp: 1002805

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	7.2	7.0	10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.451 min Scan# 3636
 Delta R.T. -0.012 min
 Lab File: BG064318.D
 Acq: 9 Sep 2025 10:57

Tgt Ion:264 Resp: 210377

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	20.9	16.7	25.1

