

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064307.D
 Acq On : 8 Sep 2025 14:57
 Operator : RC/JU
 Sample : Q3023-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Sep 08 15:41:13 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	7.849	152	26960	20.000	ng	-0.01
21) Naphthalene-d8	10.634	136	112049	20.000	ng	-0.02
39) Acenaphthene-d10	14.471	164	77766	20.000	ng	-0.01
64) Phenanthrene-d10	17.214	188	196794	20.000	ng	#-0.01
76) Chrysene-d12	21.445	240	231122	20.000	ng	-0.01
86) Perylene-d12	24.459	264	259295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	147811	98.363	ng	0.00
7) Phenol-d6	7.021	99	191596	92.807	ng	-0.01
23) Nitrobenzene-d5	9.001	82	136330	67.856	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	124977	121.331	ng	-0.01
45) 2-Fluorobiphenyl	13.096	172	336420	66.031	ng	-0.02
79) Terphenyl-d14	19.835	244	704388	63.585	ng	-0.01

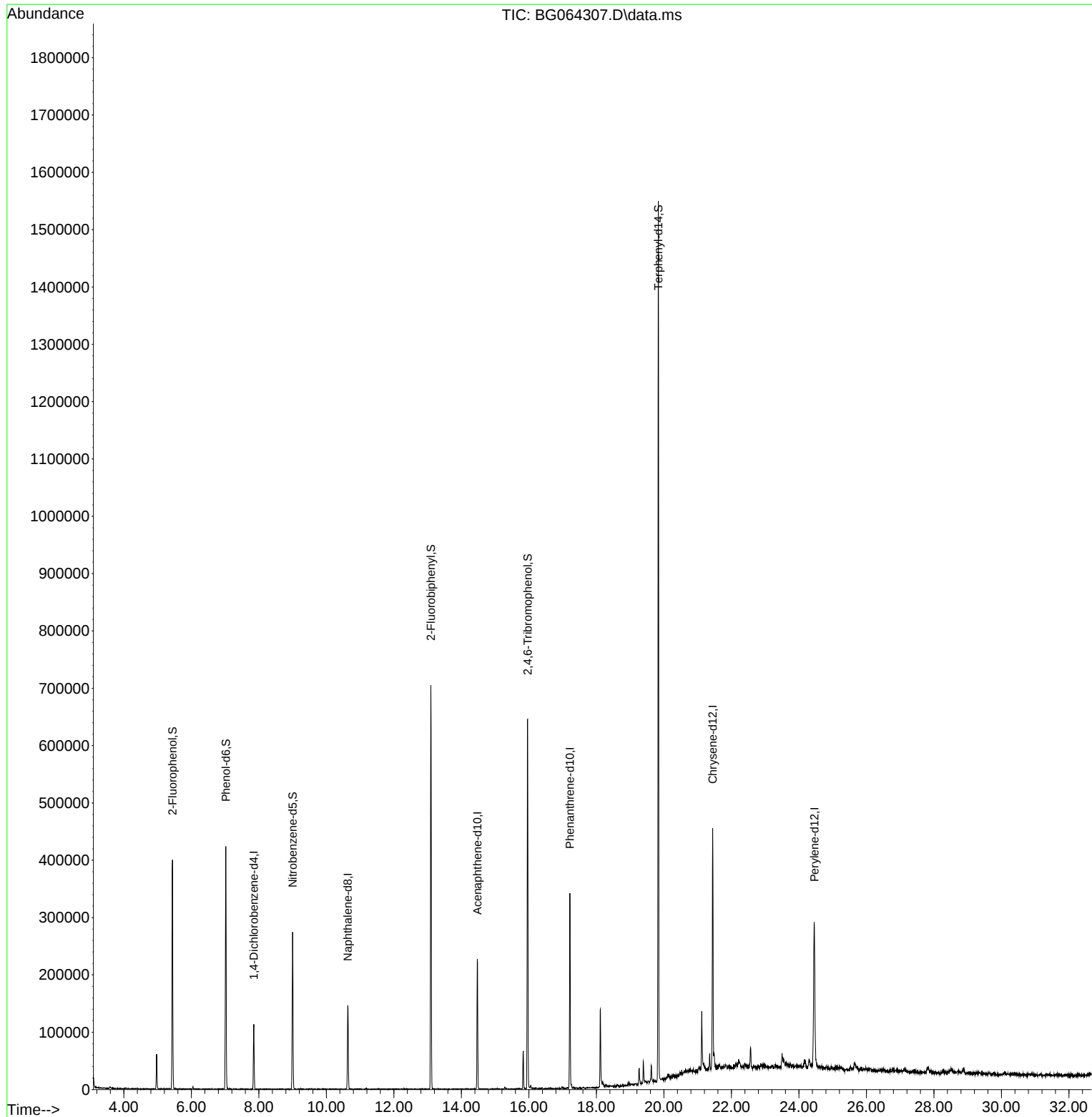
Target Compounds	Qvalue

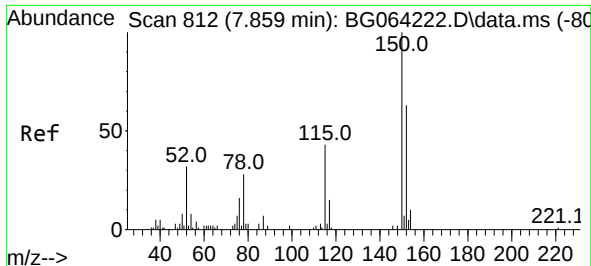
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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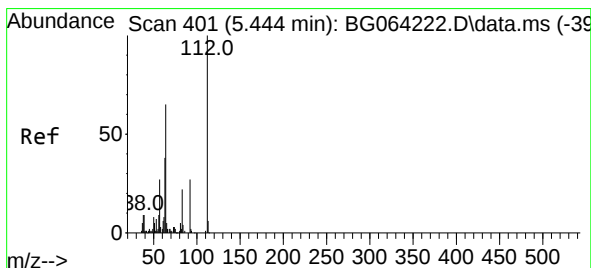
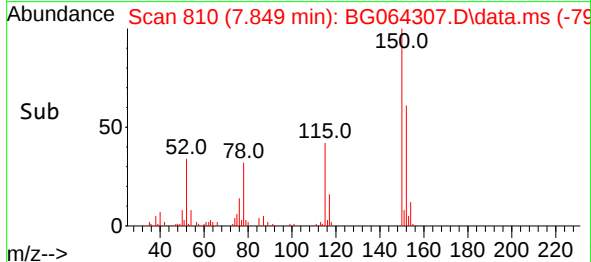
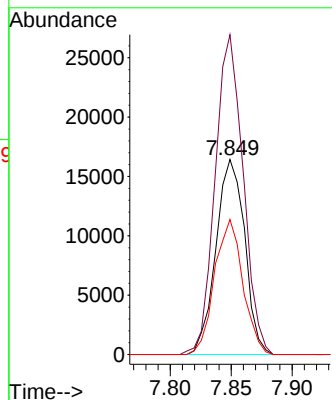
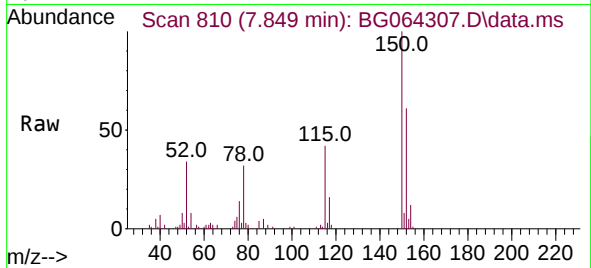




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.849 min Scan# 812
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

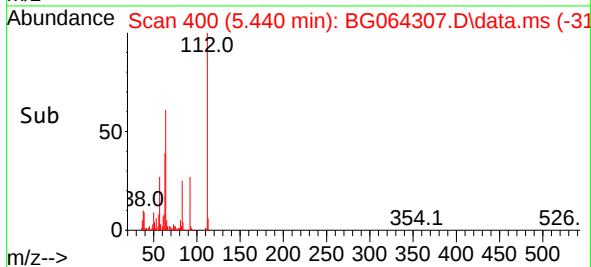
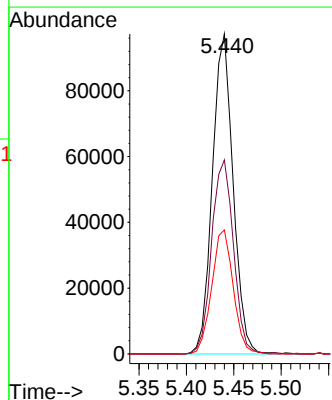
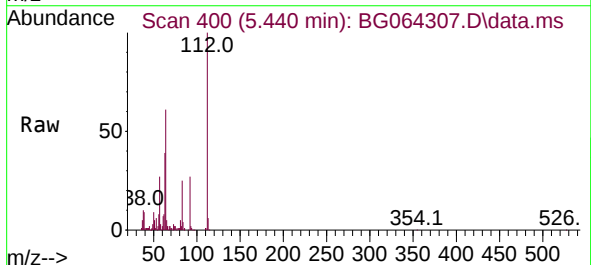
Instrument :
BNA_G
ClientSampleId :
TP-2

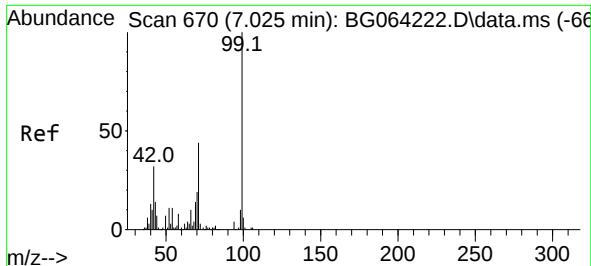
Tgt Ion:152 Resp: 26960
Ion Ratio Lower Upper
152 100
150 163.9 128.0 192.0
115 69.2 55.7 83.5



#5
2-Fluorophenol
Concen: 98.363 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.004 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:112 Resp: 147811
Ion Ratio Lower Upper
112 100
64 60.6 51.8 77.6
63 38.7 30.6 45.8

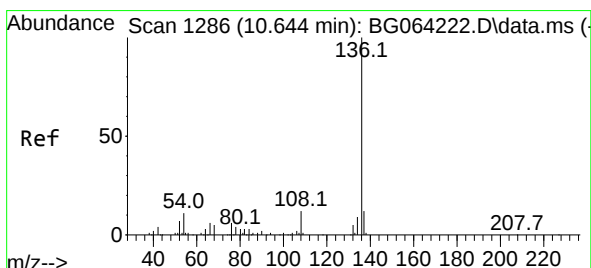
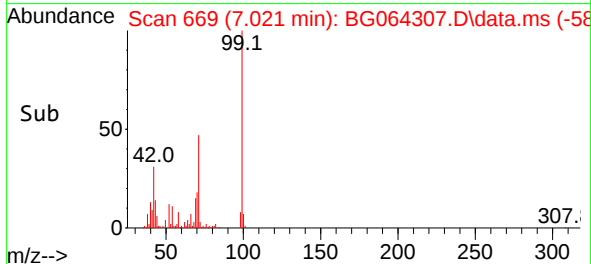
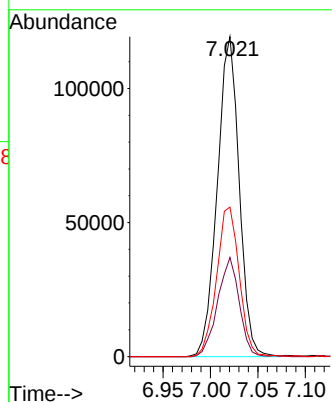
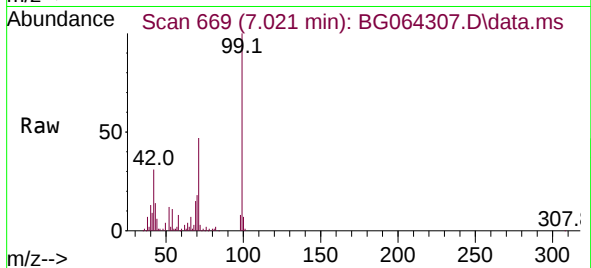




#7
Phenol-d6
Concen: 92.807 ng
RT: 7.021 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

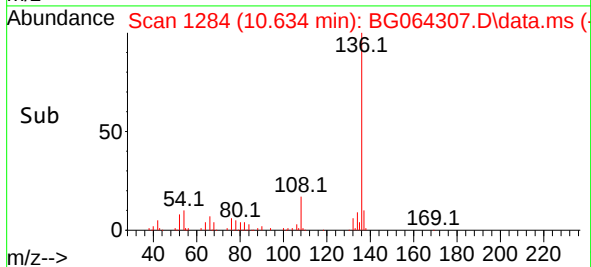
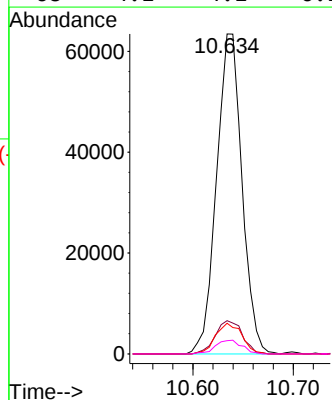
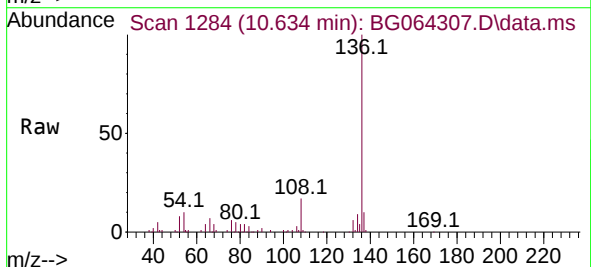
Instrument :
BNA_G
ClientSampleId :
TP-2

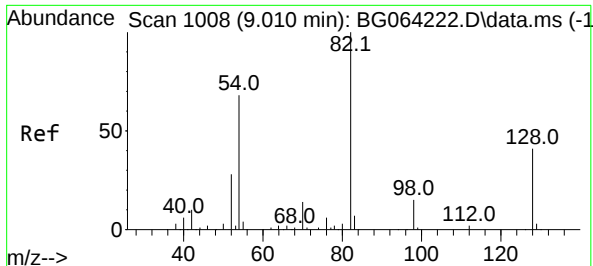
Tgt Ion: 99 Resp: 191596
Ion Ratio Lower Upper
99 100
42 31.0 25.8 38.8
71 46.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1284
Delta R.T. -0.016 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion: 136 Resp: 112049
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 9.6 8.8 13.2
68 4.1 4.1 6.1

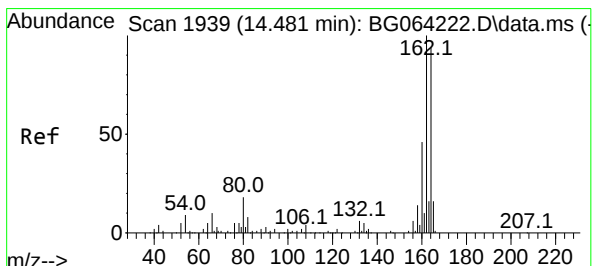
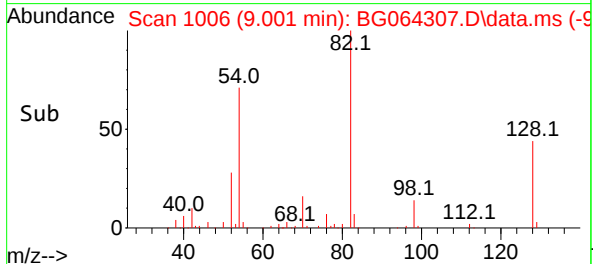
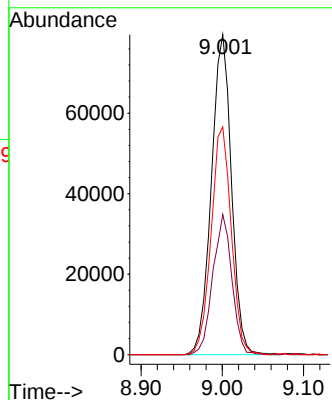
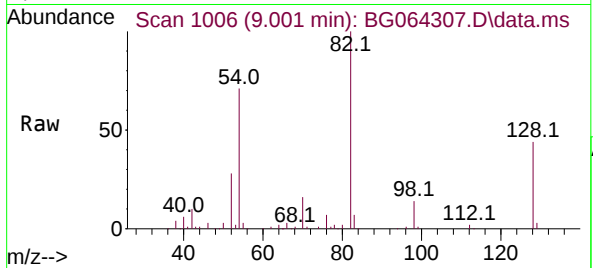




#23
Nitrobenzene-d5
Concen: 67.856 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.016 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

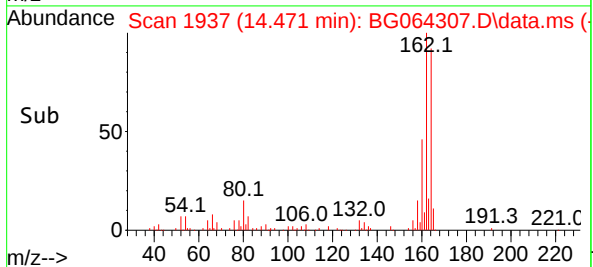
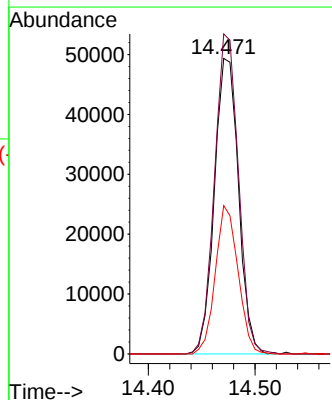
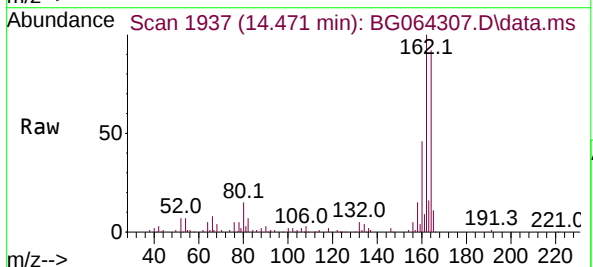
Instrument :
BNA_G
ClientSampleId :
TP-2

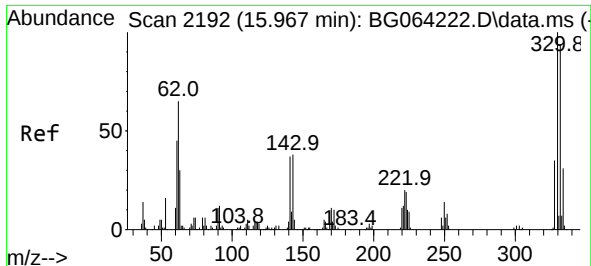
Tgt Ion: 82 Resp: 136330
Ion Ratio Lower Upper
82 100
128 43.8 32.6 48.8
54 71.2 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1937
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

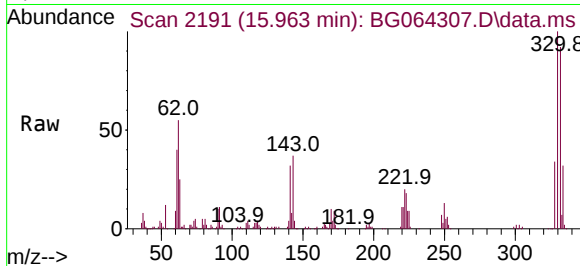
Tgt Ion:164 Resp: 77766
Ion Ratio Lower Upper
164 100
162 108.3 85.4 128.0
160 50.2 39.2 58.8



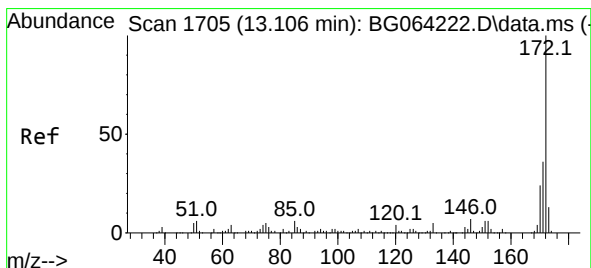
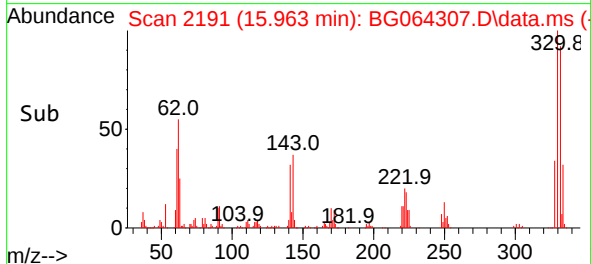
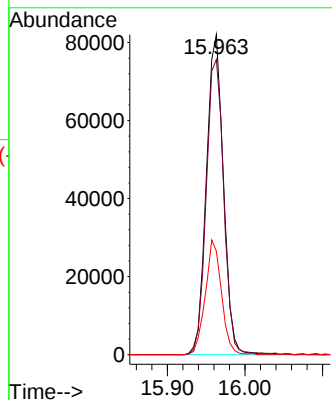


#42
 2,4,6-Tribromophenol
 Concen: 121.331 ng
 RT: 15.963 min Scan# 2191
 Delta R.T. -0.010 min
 Lab File: BG064307.D
 Acq: 8 Sep 2025 14:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

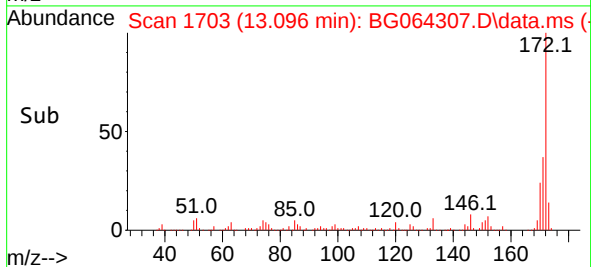
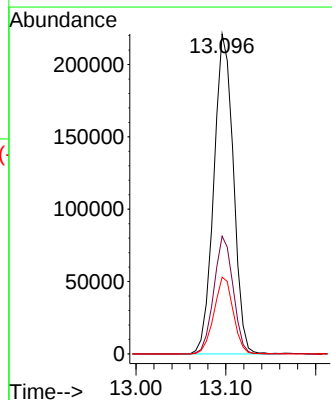
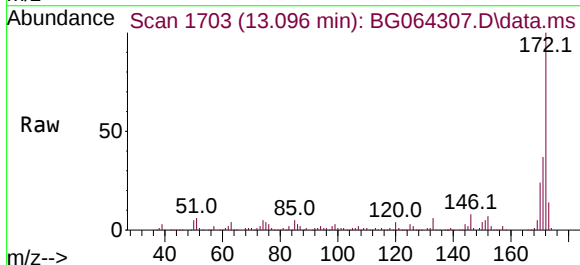


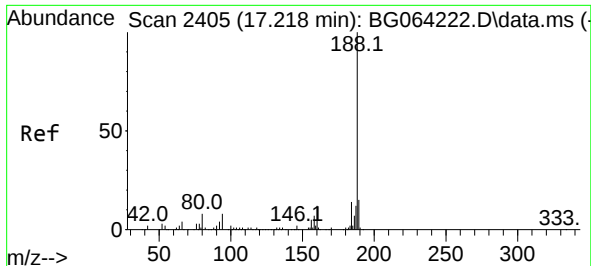
Tgt Ion:330 Resp: 124977
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.6 116.4
 141 34.0 29.8 44.6



#45
 2-Fluorobiphenyl
 Concen: 66.031 ng
 RT: 13.096 min Scan# 1703
 Delta R.T. -0.016 min
 Lab File: BG064307.D
 Acq: 8 Sep 2025 14:57

Tgt Ion:172 Resp: 336420
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.7 43.1
 170 24.0 19.0 28.6

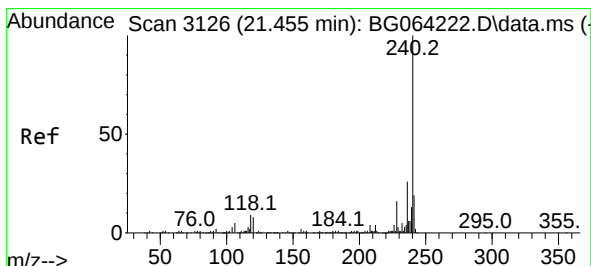
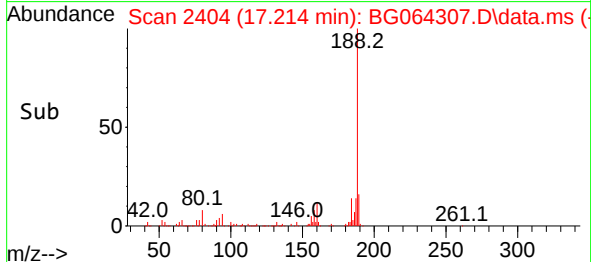
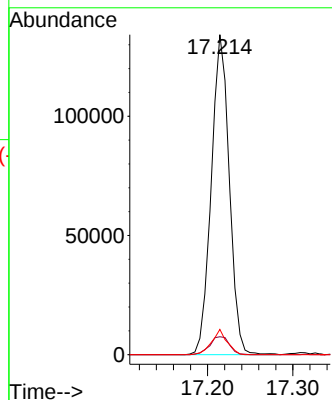
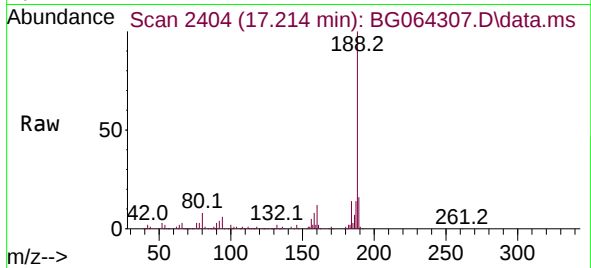




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.214 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

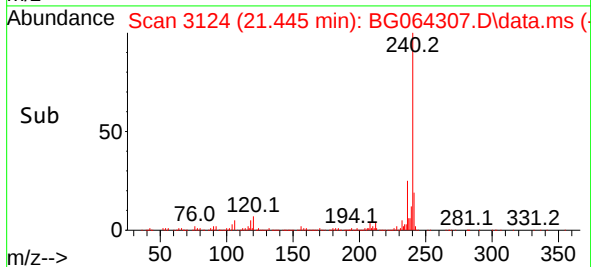
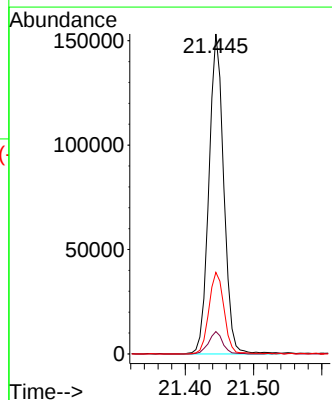
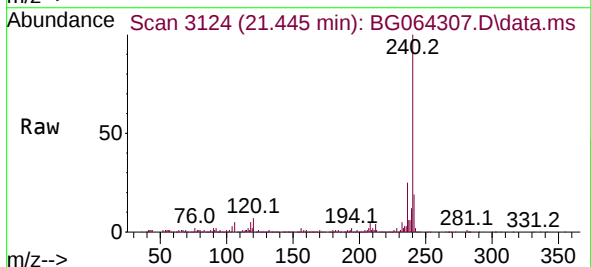
Instrument :
BNA_G
ClientSampleId :
TP-2

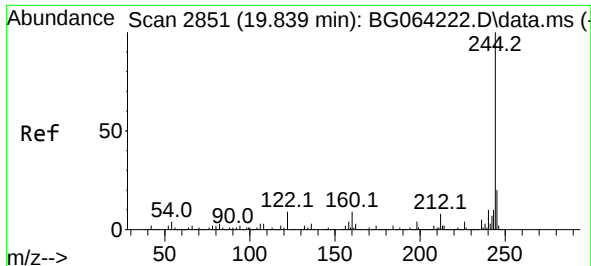
Tgt Ion:188 Resp: 196794
Ion Ratio Lower Upper
188 100
94 5.6 6.2 9.4#
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.010 min
Lab File: BG064307.D
Acq: 8 Sep 2025 14:57

Tgt Ion:240 Resp: 231122
Ion Ratio Lower Upper
240 100
120 7.0 6.2 9.4
236 25.5 20.5 30.7

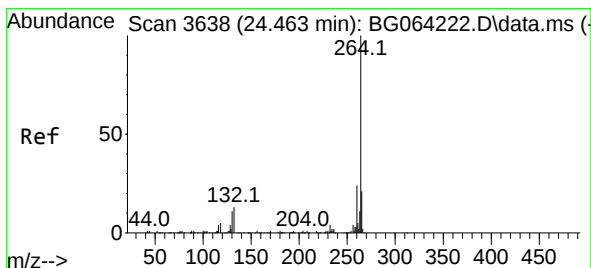
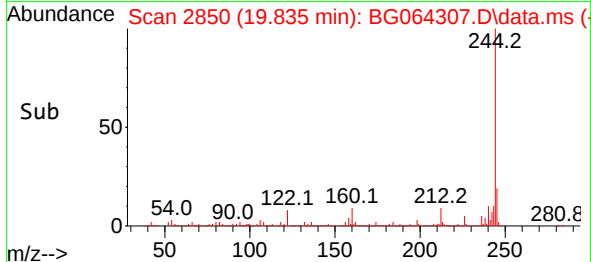
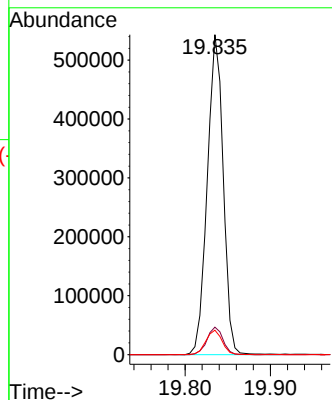
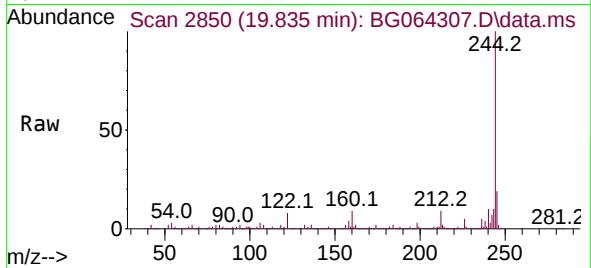




#79
 Terphenyl-d14
 Concen: 63.585 ng
 RT: 19.835 min Scan# 2851
 Delta R.T. -0.010 min
 Lab File: BG064307.D
 Acq: 8 Sep 2025 14:57

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 704388
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 7.6 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.459 min Scan# 3637
 Delta R.T. -0.004 min
 Lab File: BG064307.D
 Acq: 8 Sep 2025 14:57

Tgt Ion:264 Resp: 259295
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 22.5 16.7 25.1

