

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064315.D
 Acq On : 8 Sep 2025 20:25
 Operator : RC/JU
 Sample : Q3023-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Sep 09 01:32:51 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	26179	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	106476	20.000	ng	#-0.01
39) Acenaphthene-d10	14.475	164	75819	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	176044	20.000	ng	-0.01
76) Chrysene-d12	21.443	240	199923	20.000	ng	#-0.01
86) Perylene-d12	24.457	264	221164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	212232	145.446	ng	0.00
7) Phenol-d6	7.025	99	243878	121.656	ng	0.00
23) Nitrobenzene-d5	9.005	82	226092	118.423	ng	-0.01
42) 2,4,6-Tribromophenol	15.961	330	193297	192.478	ng	-0.01
45) 2-Fluorobiphenyl	13.100	172	545423	109.802	ng	-0.01
79) Terphenyl-d14	19.839	244	1107158	115.540	ng	0.00

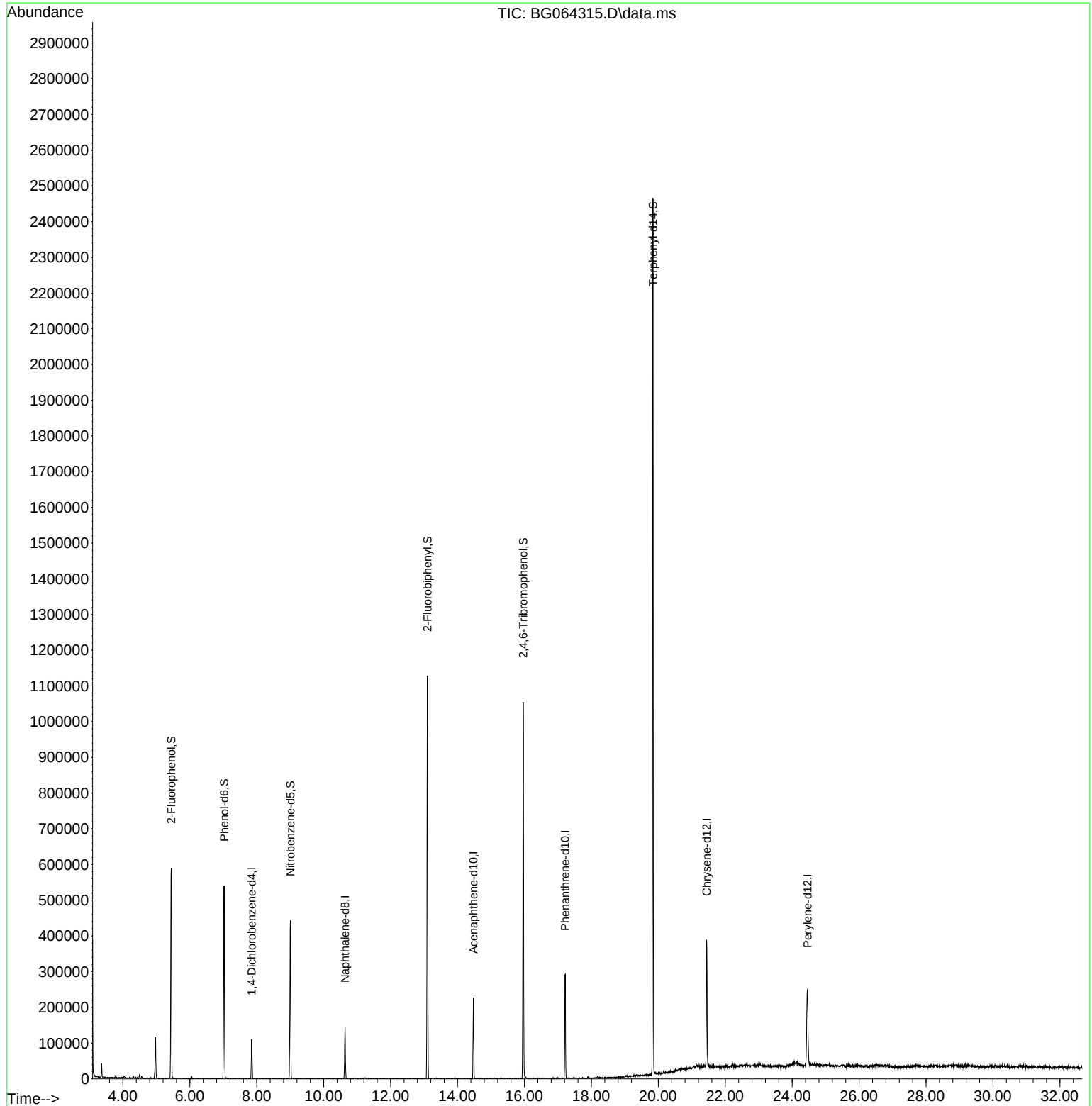
Target Compounds	Qvalue

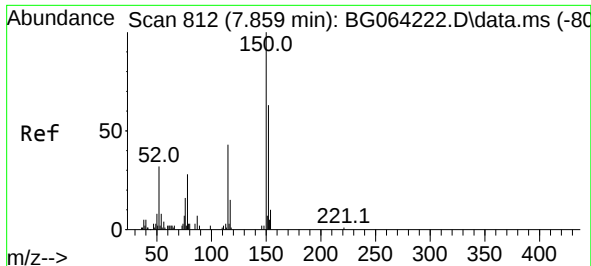
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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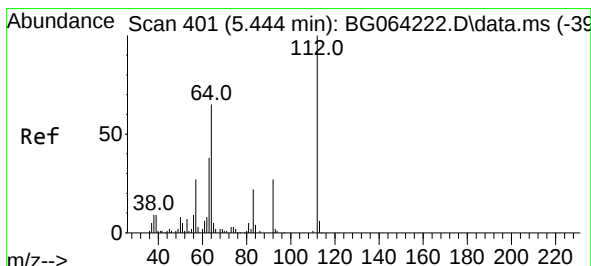
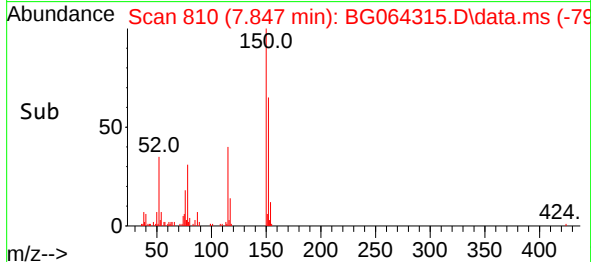
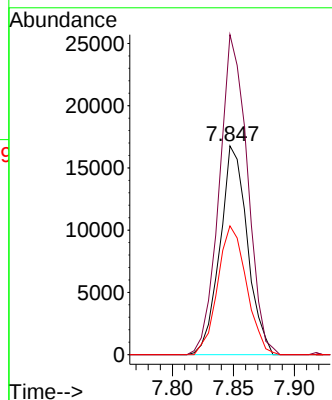
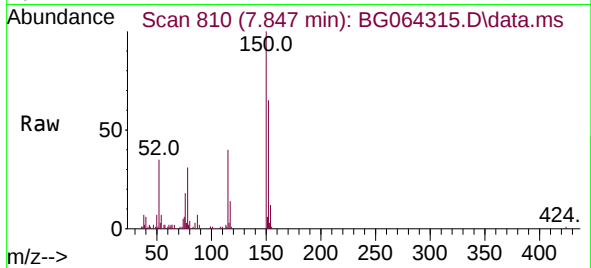




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.847 min Scan# 812
Delta R.T. -0.012 min
Lab File: BG064315.D
Acq: 8 Sep 2025 20:25

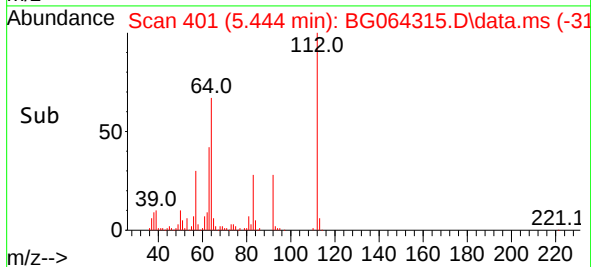
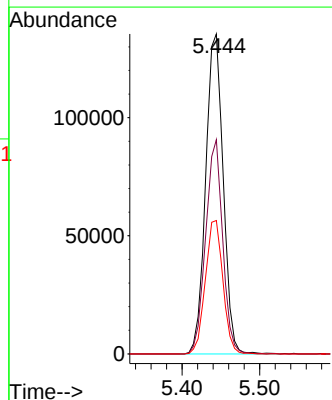
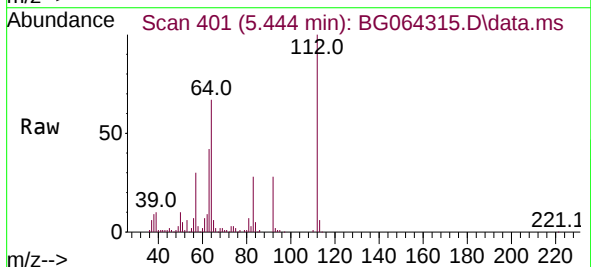
Instrument :
BNA_G
ClientSampleId :
TP-2

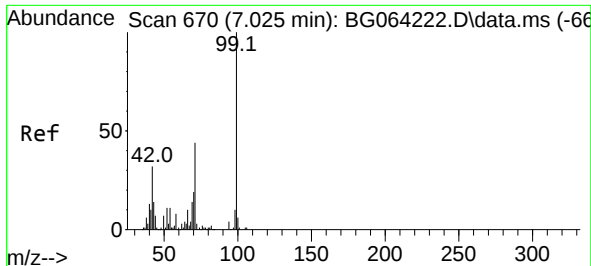
Tgt Ion:152 Resp: 26179
Ion Ratio Lower Upper
152 100
150 153.3 128.0 192.0
115 61.7 55.7 83.5



#5
2-Fluorophenol
Concen: 145.446 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064315.D
Acq: 8 Sep 2025 20:25

Tgt Ion:112 Resp: 212232
Ion Ratio Lower Upper
112 100
64 66.9 51.8 77.6
63 41.7 30.6 45.8

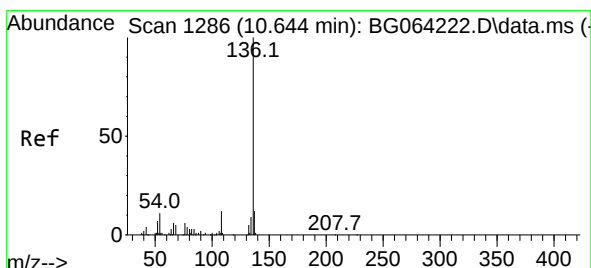
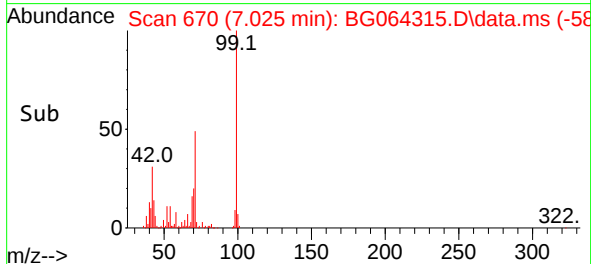
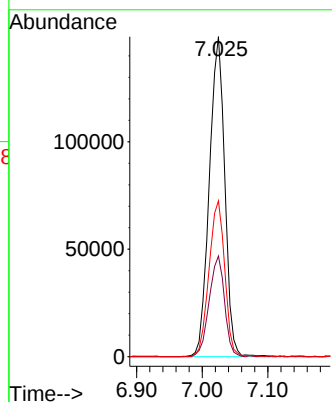
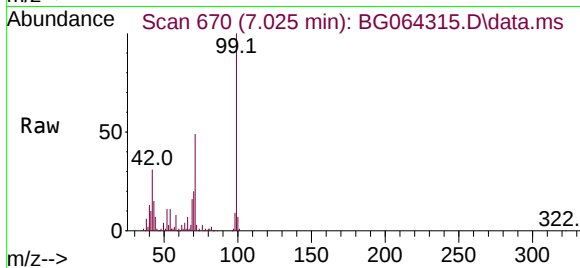




#7
Phenol-d6
Concen: 121.656 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064315.D
Acq: 8 Sep 2025 20:25

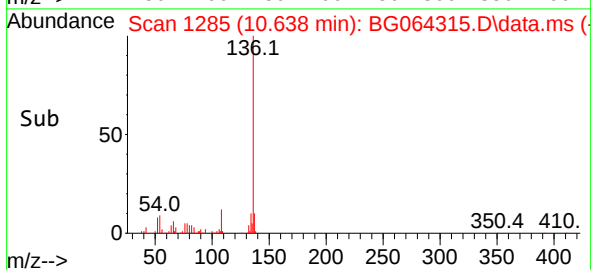
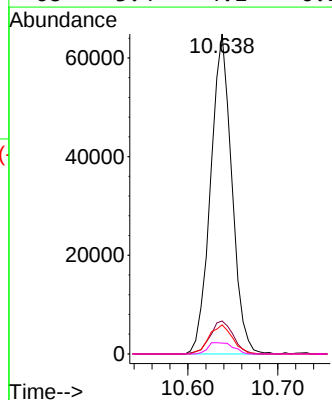
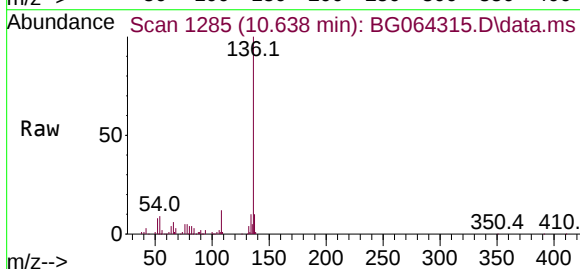
Instrument :
BNA_G
ClientSampleId :
TP-2

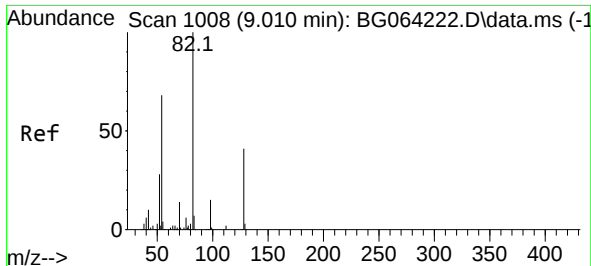
Tgt Ion: 99 Resp: 243878
Ion Ratio Lower Upper
99 100
42 31.4 25.8 38.8
71 48.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BG064315.D
Acq: 8 Sep 2025 20:25

Tgt Ion:136 Resp: 106476
Ion Ratio Lower Upper
136 100
137 10.3 9.6 14.4
54 9.1 8.8 13.2
68 3.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 118.423 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BG064315.D

Acq: 8 Sep 2025 20:25

Instrument :

BNA_G

ClientSampleId :

TP-2

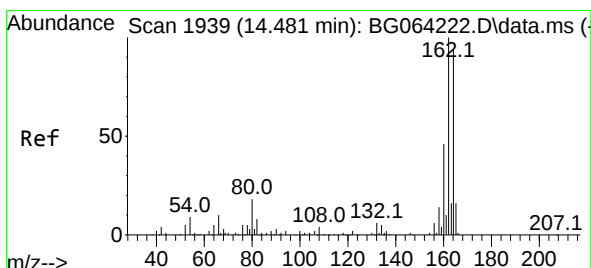
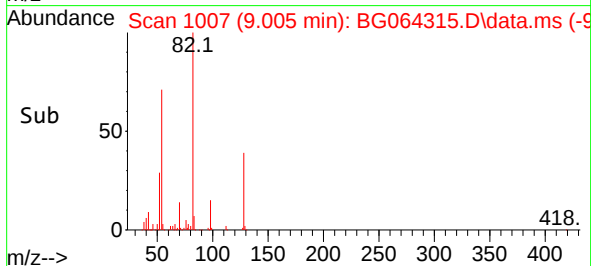
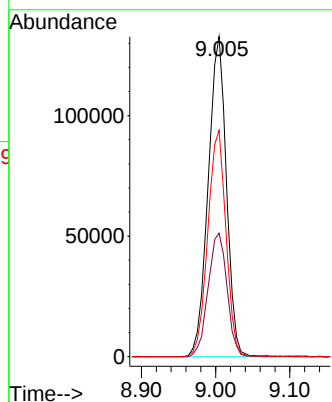
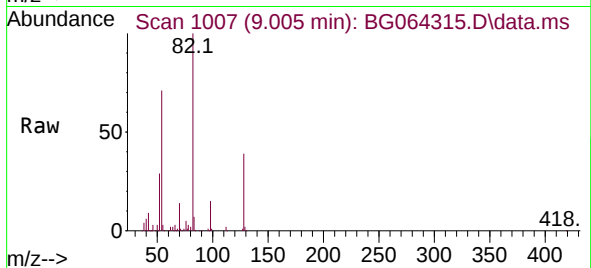
Tgt Ion: 82 Resp: 226092

Ion Ratio Lower Upper

82 100

128 38.6 32.6 48.8

54 70.7 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: BG064315.D

Acq: 8 Sep 2025 20:25

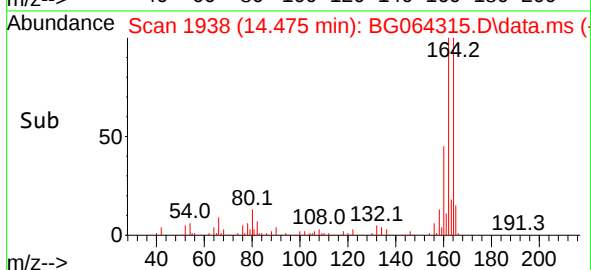
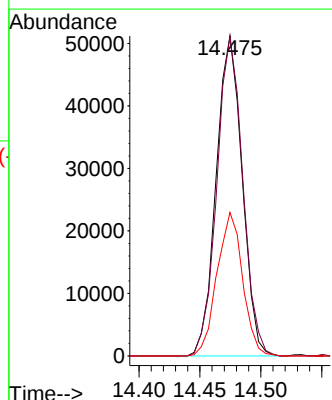
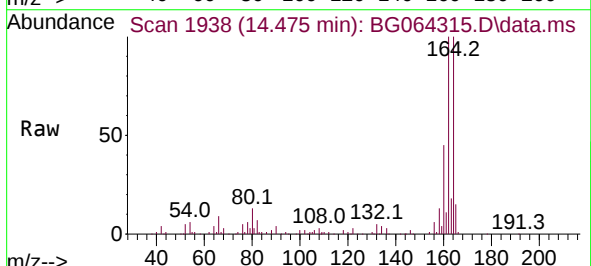
Tgt Ion: 164 Resp: 75819

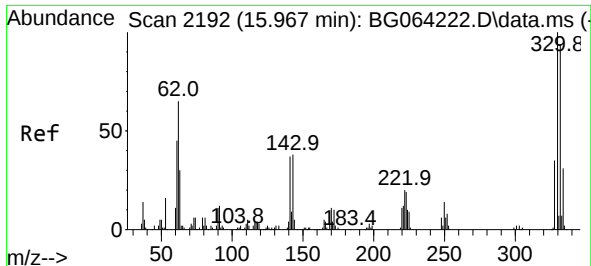
Ion Ratio Lower Upper

164 100

162 99.8 85.4 128.0

160 44.8 39.2 58.8

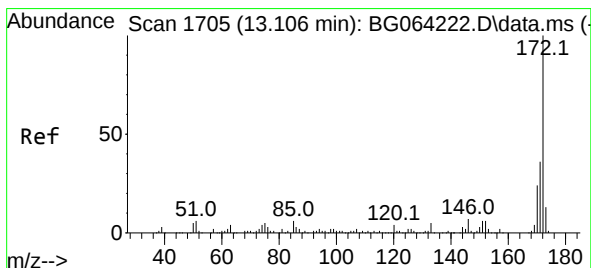
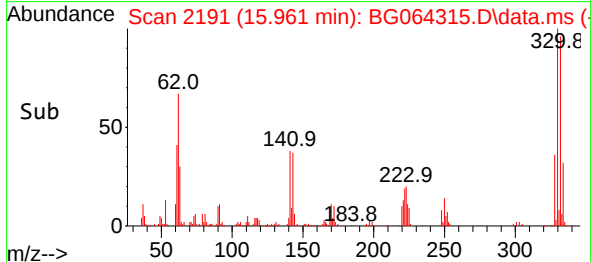
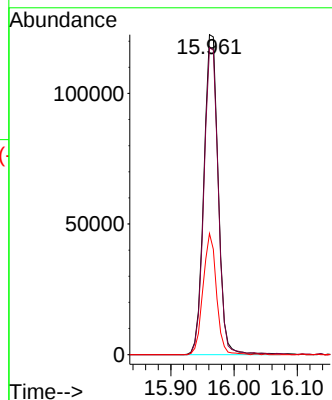
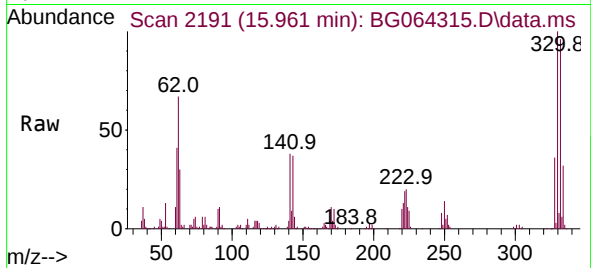




#42
 2,4,6-Tribromophenol
 Concen: 192.478 ng
 RT: 15.961 min Scan# 2191
 Delta R.T. -0.012 min
 Lab File: BG064315.D
 Acq: 8 Sep 2025 20:25

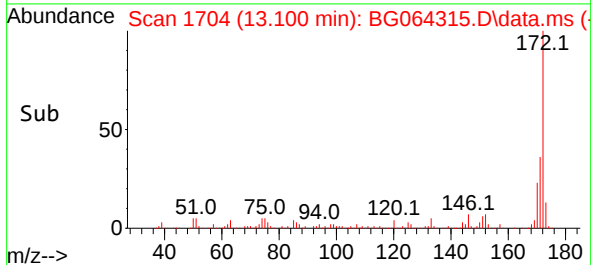
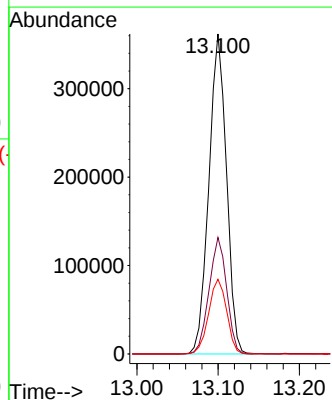
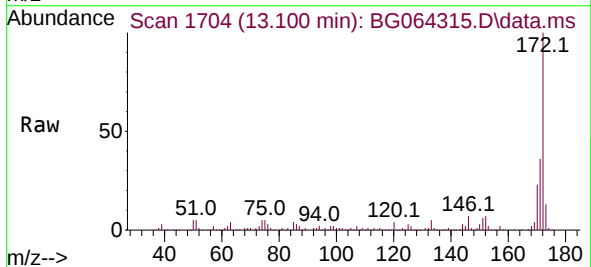
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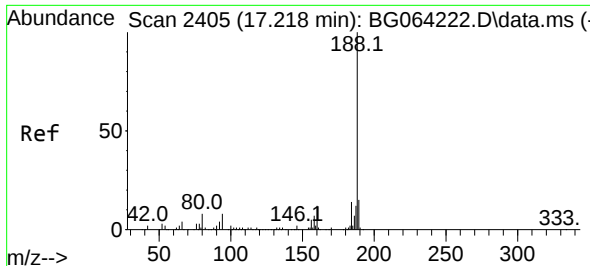
Tgt Ion:330 Resp: 193297
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 35.1 29.8 44.6



#45
 2-Fluorobiphenyl
 Concen: 109.802 ng
 RT: 13.100 min Scan# 1704
 Delta R.T. -0.012 min
 Lab File: BG064315.D
 Acq: 8 Sep 2025 20:25

Tgt Ion:172 Resp: 545423
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.7 43.1
 170 23.3 19.0 28.6

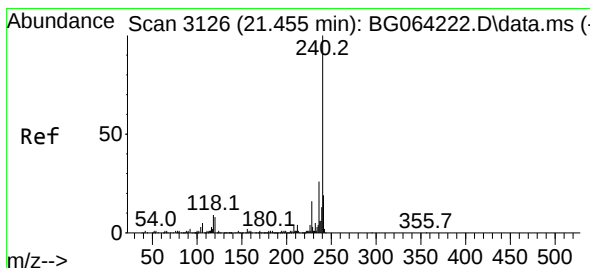
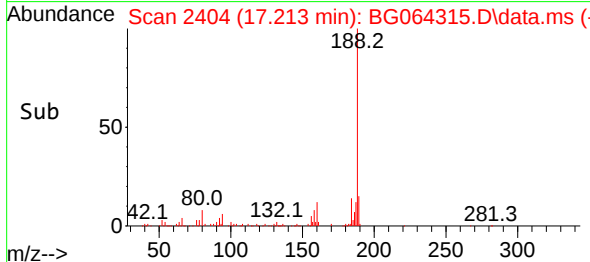
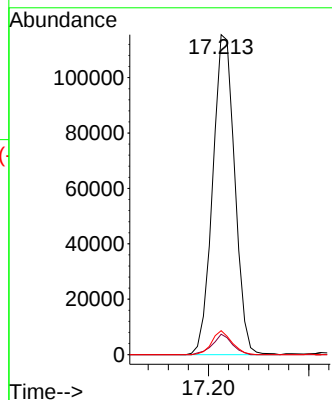
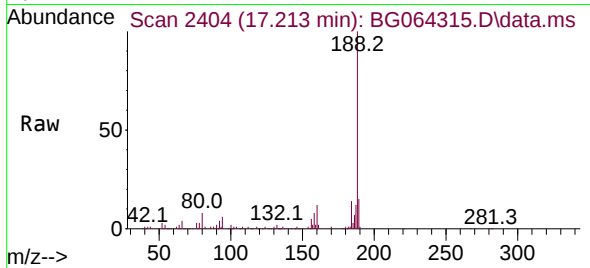




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG064315.D
Acq: 8 Sep 2025 20:25

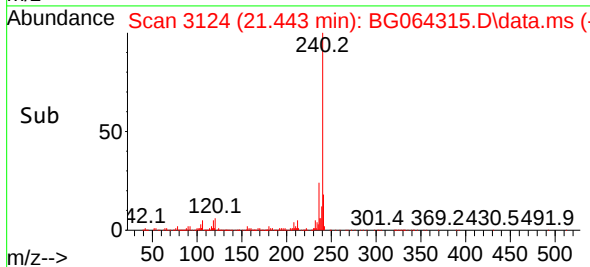
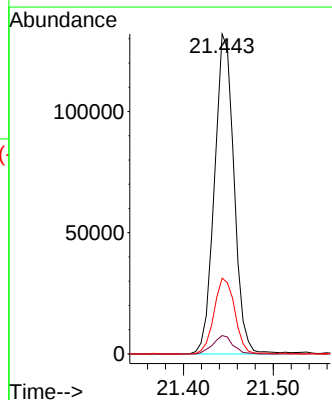
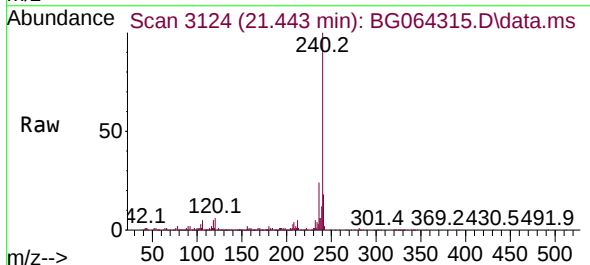
Instrument :
BNA_G
ClientSampleId :
TP-2

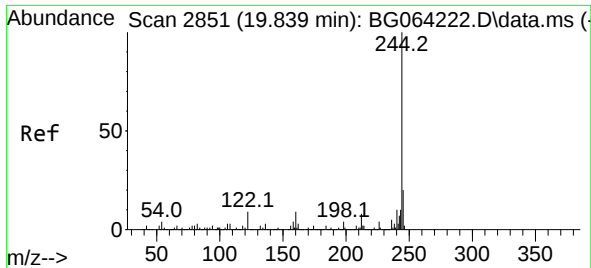
Tgt Ion:188 Resp: 176044
Ion Ratio Lower Upper
188 100
94 6.4 6.2 9.4
80 7.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BG064315.D
Acq: 8 Sep 2025 20:25

Tgt Ion:240 Resp: 199923
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 23.7 20.5 30.7



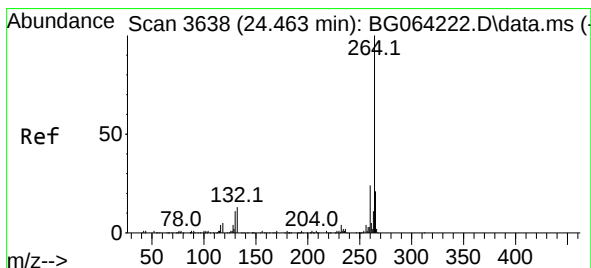
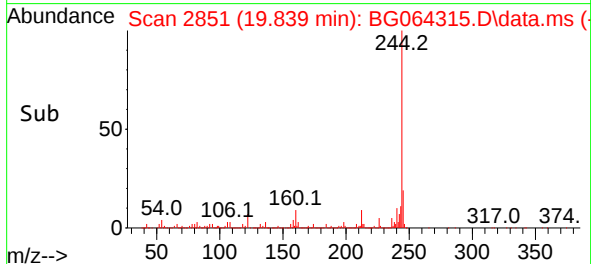
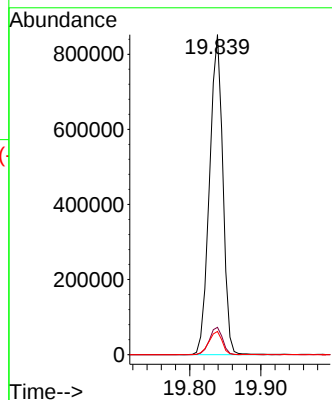
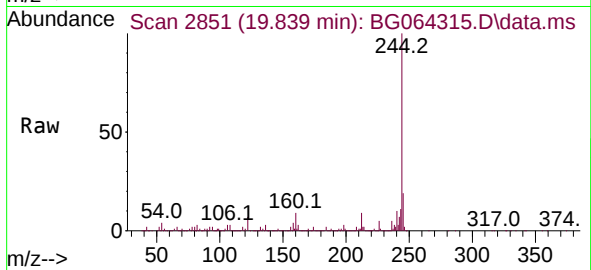


#79
 Terphenyl-d14
 Concen: 115.540 ng
 RT: 19.839 min Scan# 2851
 Delta R.T. -0.006 min
 Lab File: BG064315.D
 Acq: 8 Sep 2025 20:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1107158

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	7.2	7.0	10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 3637
 Delta R.T. -0.006 min
 Lab File: BG064315.D
 Acq: 8 Sep 2025 20:25

Tgt Ion:264 Resp: 221164

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	23.0	16.7	25.1

