

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064314.D
 Acq On : 8 Sep 2025 19:44
 Operator : RC/JU
 Sample : Q3023-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Sep 09 01:32:30 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	26525	20.000	ng	0.00
21) Naphthalene-d8	10.637	136	110588	20.000	ng	#-0.01
39) Acenaphthene-d10	14.473	164	80679	20.000	ng	0.00
64) Phenanthrene-d10	17.217	188	188097	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	201519	20.000	ng	# 0.00
86) Perylene-d12	24.456	264	228178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	214527	145.101	ng	0.00
7) Phenol-d6	7.023	99	255820	125.948	ng	0.00
23) Nitrobenzene-d5	9.003	82	224883	113.410	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	205459	192.264	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	554690	104.941	ng	-0.01
79) Terphenyl-d14	19.838	244	1104294	114.329	ng	0.00

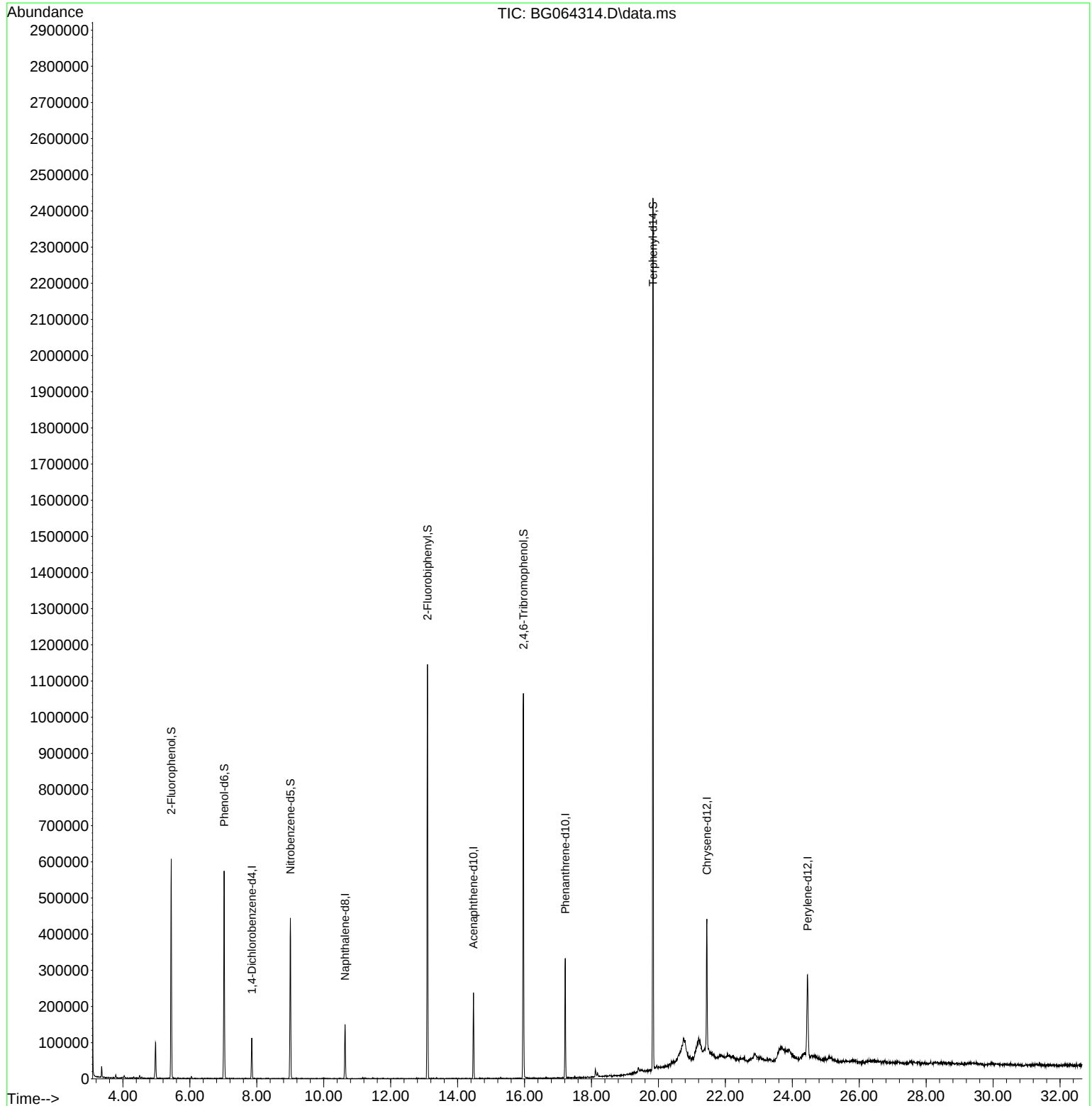
Target Compounds	Qvalue

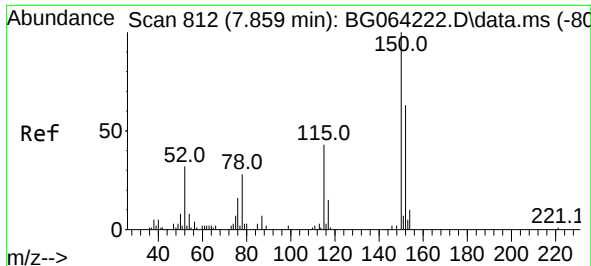
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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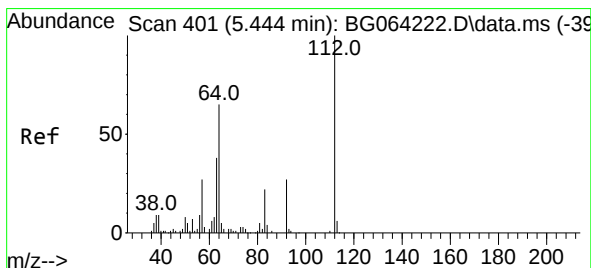
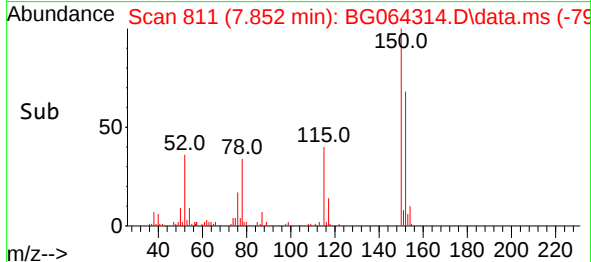
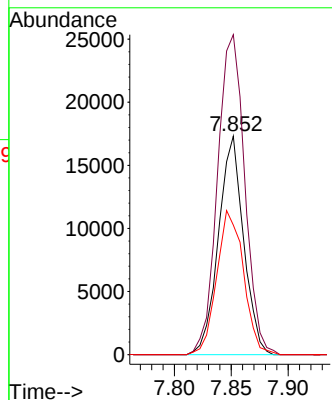
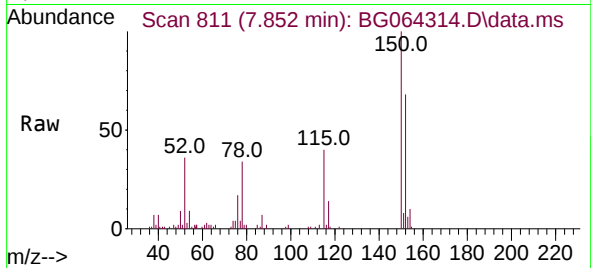




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 812
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

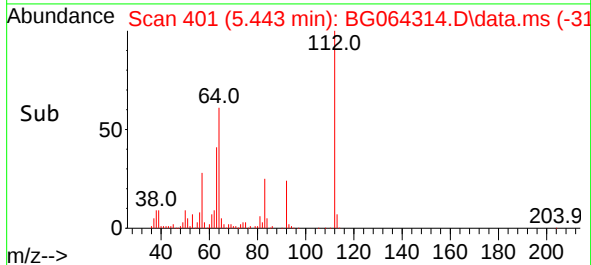
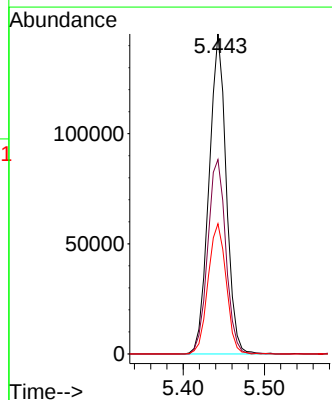
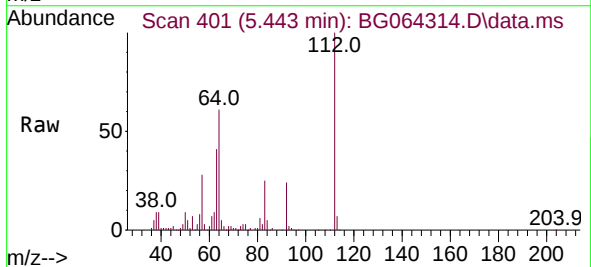
Instrument :
BNA_G
ClientSampleId :
TP-1

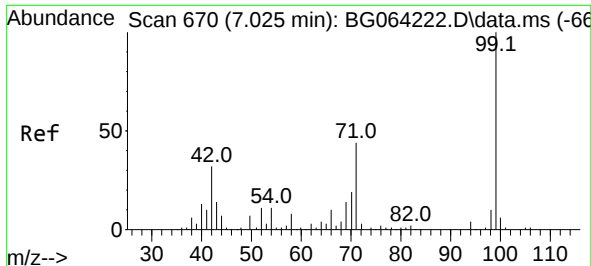
Tgt Ion:152 Resp: 26525
Ion Ratio Lower Upper
152 100
150 146.4 128.0 192.0
115 59.3 55.7 83.5



#5
2-Fluorophenol
Concen: 145.101 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:112 Resp: 214527
Ion Ratio Lower Upper
112 100
64 60.7 51.8 77.6
63 40.7 30.6 45.8

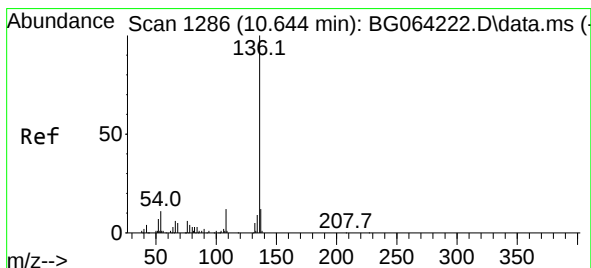
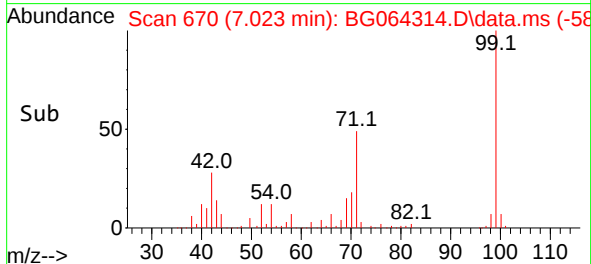
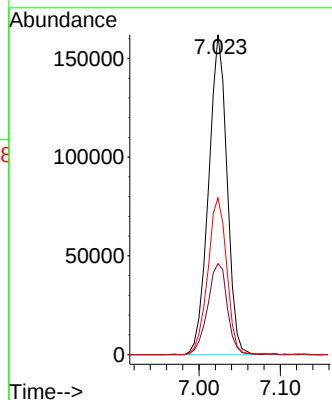
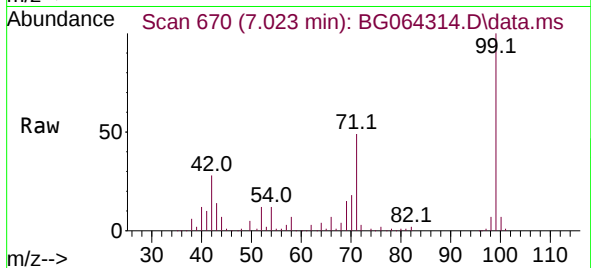




#7
Phenol-d6
Concen: 125.948 ng
RT: 7.023 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

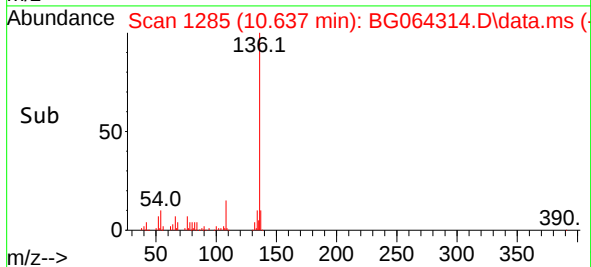
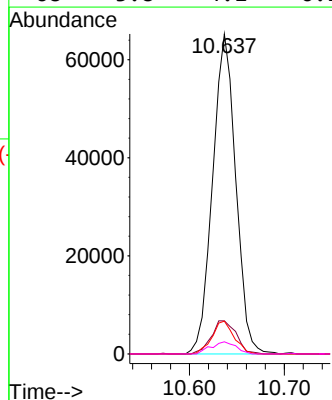
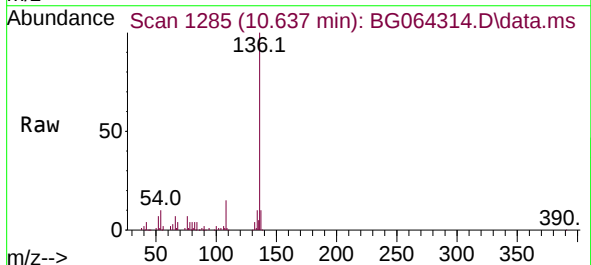
Instrument :
BNA_G
ClientSampleId :
TP-1

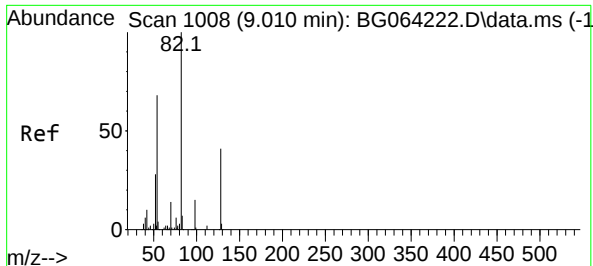
Tgt Ion: 99 Resp: 255820
Ion Ratio Lower Upper
99 100
42 28.4 25.8 38.8
71 48.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.637 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:136 Resp: 110588
Ion Ratio Lower Upper
136 100
137 10.3 9.6 14.4
54 10.2 8.8 13.2
68 3.8 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 113.410 ng

RT: 9.003 min Scan# 1007

Delta R.T. -0.013 min

Lab File: BG064314.D

Acq: 8 Sep 2025 19:44

Instrument :

BNA_G

ClientSampleId :

TP-1

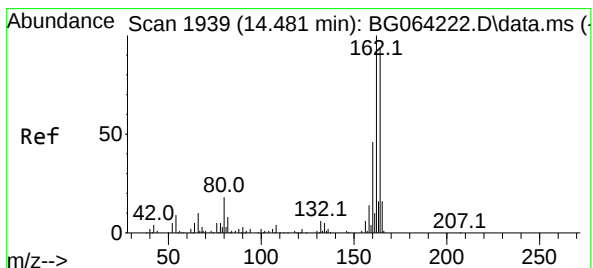
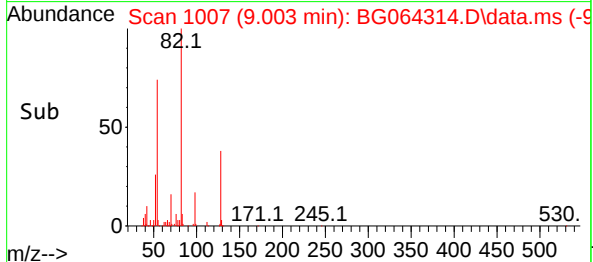
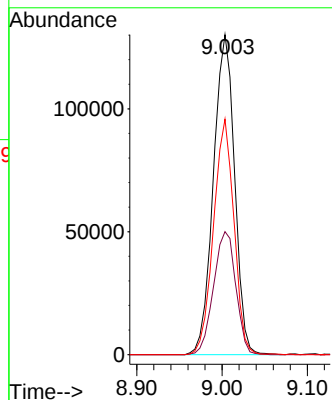
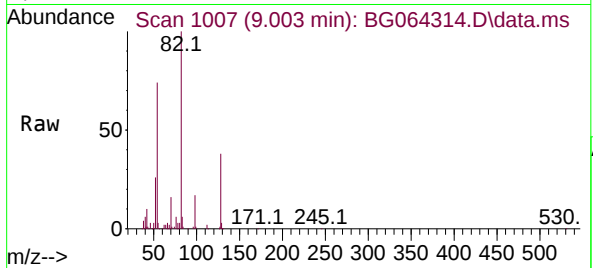
Tgt Ion: 82 Resp: 224883

Ion Ratio Lower Upper

82 100

128 38.4 32.6 48.8

54 73.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.473 min Scan# 1938

Delta R.T. -0.008 min

Lab File: BG064314.D

Acq: 8 Sep 2025 19:44

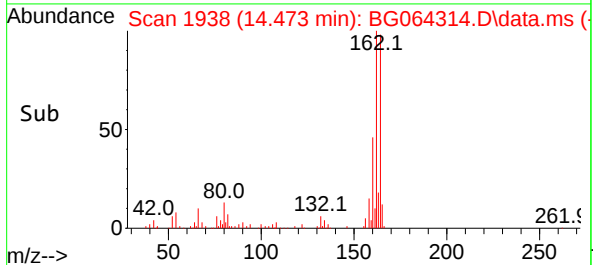
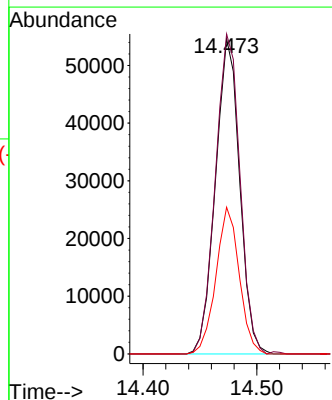
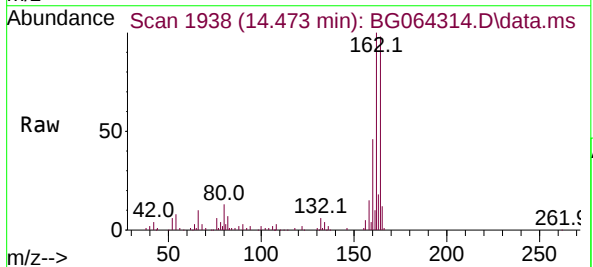
Tgt Ion:164 Resp: 80679

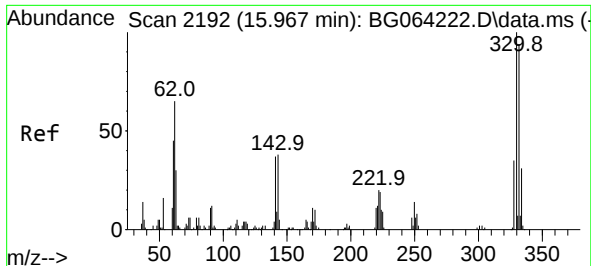
Ion Ratio Lower Upper

164 100

162 101.5 85.4 128.0

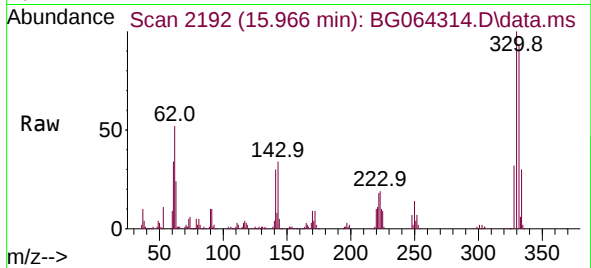
160 46.5 39.2 58.8





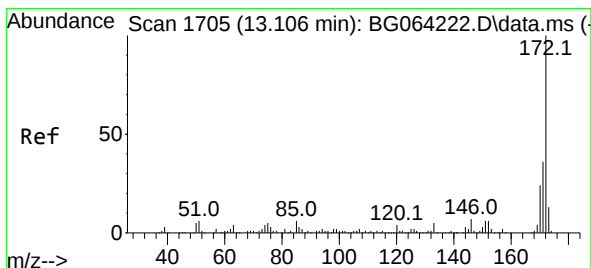
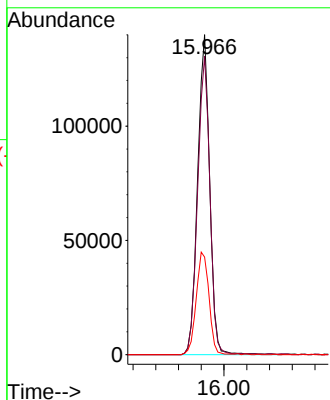
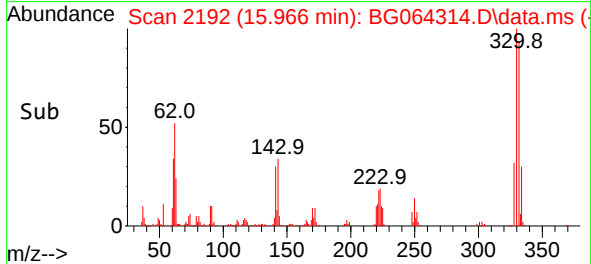
#42
2,4,6-Tribromophenol
Concen: 192.264 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Instrument :
BNA_G
ClientSampleId :
TP-1

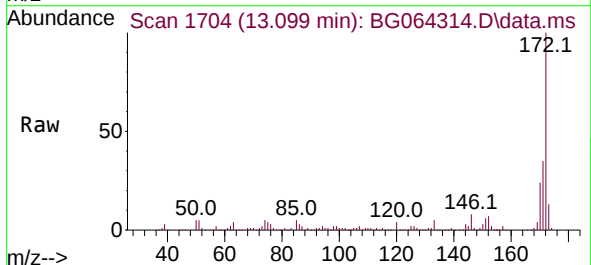


Tgt Ion:330 Resp: 205459

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.6	116.4
141	33.8	29.8	44.6

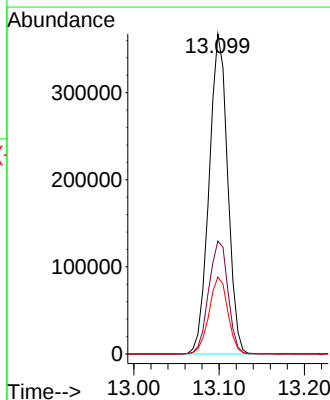
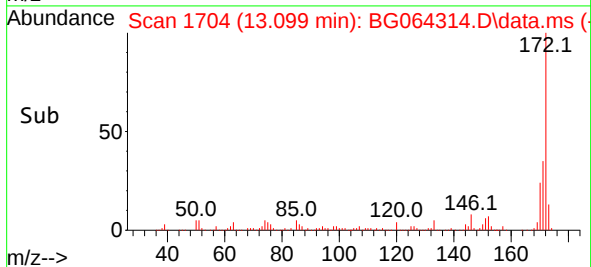


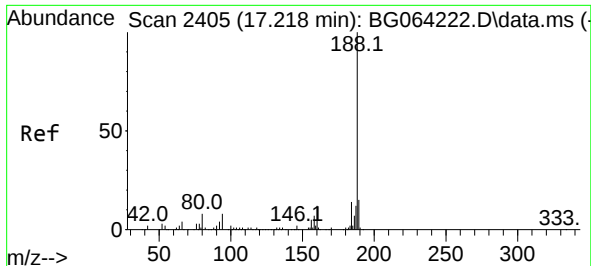
#45
2-Fluorobiphenyl
Concen: 104.941 ng
RT: 13.099 min Scan# 1704
Delta R.T. -0.013 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44



Tgt Ion:172 Resp: 554690

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	24.0	19.0	28.6

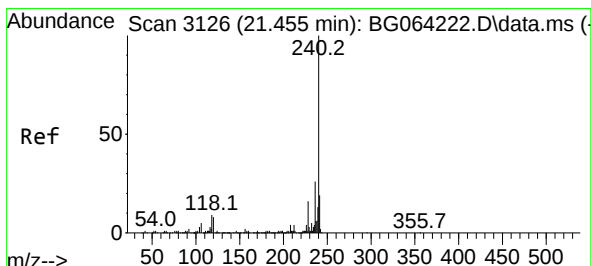
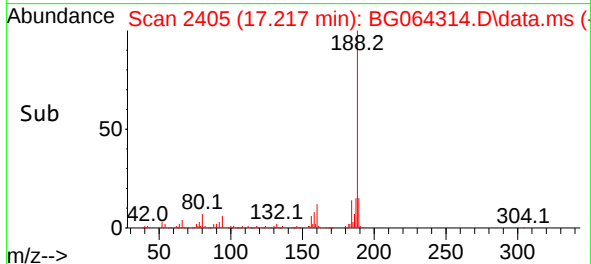
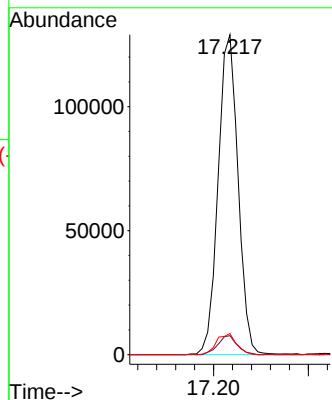
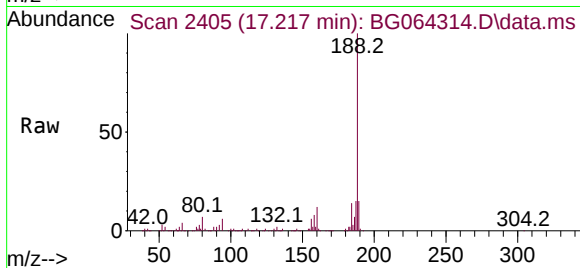




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.217 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

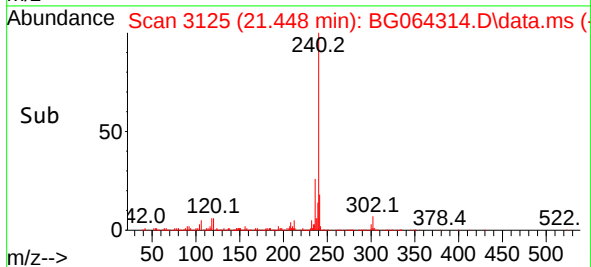
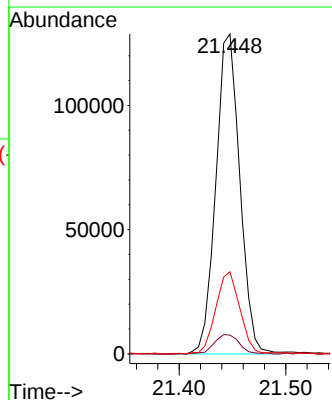
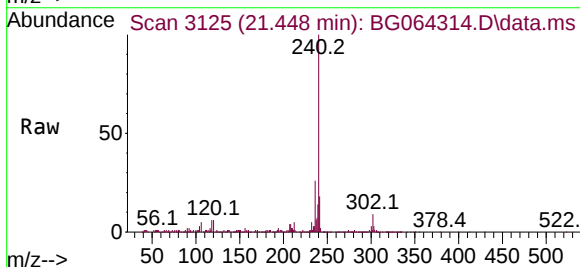
Instrument :
BNA_G
ClientSampleId :
TP-1

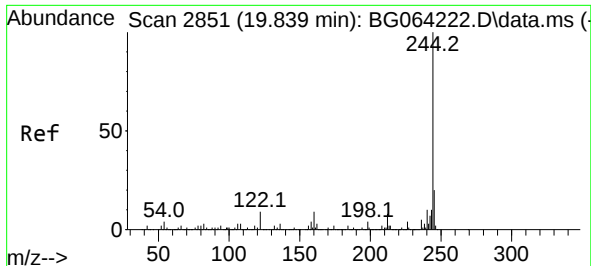
Tgt Ion:188 Resp: 188097
Ion Ratio Lower Upper
188 100
94 5.9 6.2 9.4#
80 6.6 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064314.D
Acq: 8 Sep 2025 19:44

Tgt Ion:240 Resp: 201519
Ion Ratio Lower Upper
240 100
120 5.9 6.2 9.4#
236 25.7 20.5 30.7



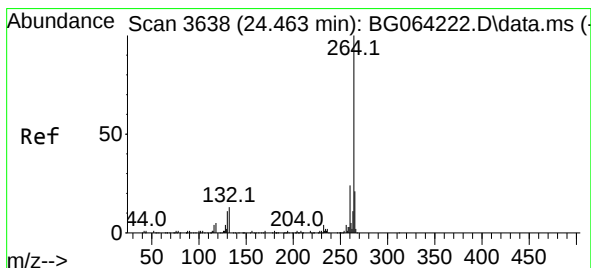
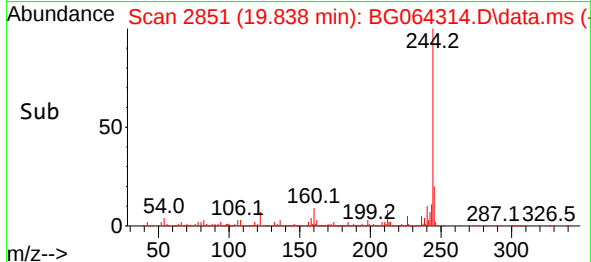
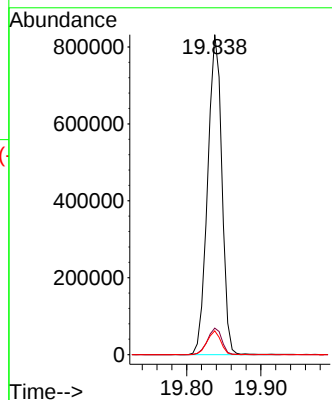
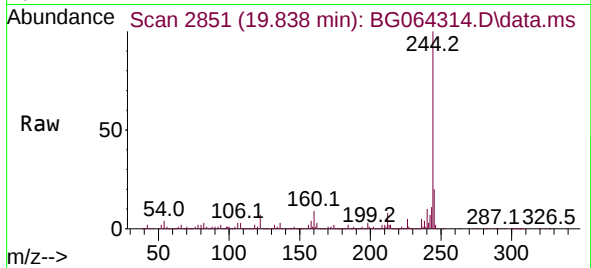


#79
 Terphenyl-d14
 Concen: 114.329 ng
 RT: 19.838 min Scan# 2851
 Delta R.T. -0.007 min
 Lab File: BG064314.D
 Acq: 8 Sep 2025 19:44

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1104294

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	7.4	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: BG064314.D
 Acq: 8 Sep 2025 19:44

Tgt Ion:264 Resp: 228178

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	16.7	25.1

