

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064708.D
 Acq On : 6 Nov 2025 18:30
 Operator : RC/JU
 Sample : Q3532-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Nov 07 00:32:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	31168	20.000	ng	-0.02
21) Naphthalene-d8	11.024	136	119813	20.000	ng	#-0.02
39) Acenaphthene-d10	14.820	164	100517	20.000	ng	-0.02
64) Phenanthrene-d10	17.558	188	244672	20.000	ng	#-0.02
76) Chrysene-d12	21.823	240	305345	20.000	ng	#-0.04
86) Perylene-d12	25.149	264	330107	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.736	112	216961	116.840	ng	-0.01
7) Phenol-d6	7.340	99	263828	103.541	ng	-0.01
23) Nitrobenzene-d5	9.361	82	203880	102.206	ng	-0.02
42) 2,4,6-Tribromophenol	16.300	330	212931	146.772	ng	-0.02
45) 2-Fluorobiphenyl	13.451	172	570949	86.096	ng	-0.02
79) Terphenyl-d14	20.149	244	1422992	87.947	ng	-0.02

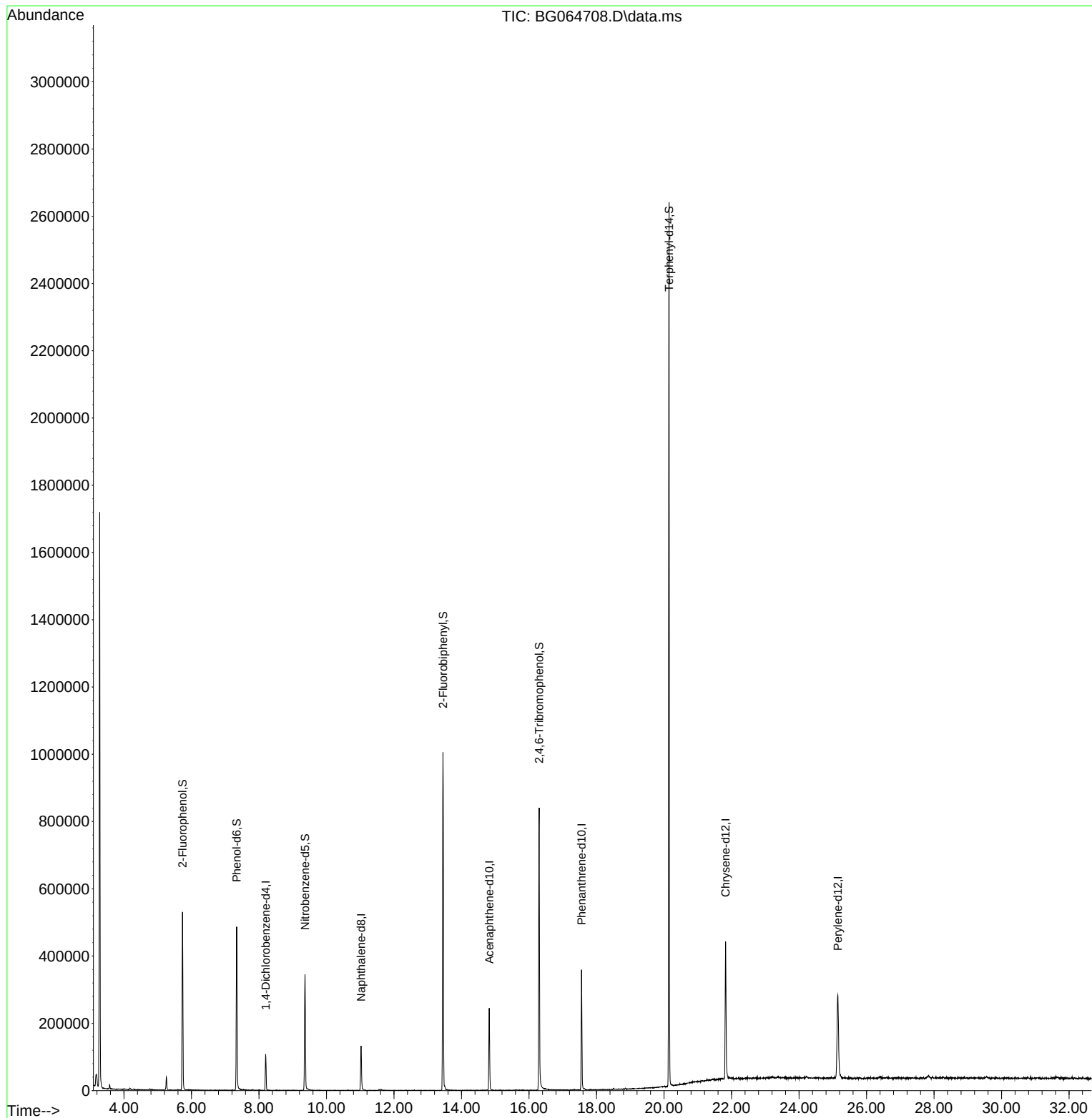
Target Compounds	Qvalue

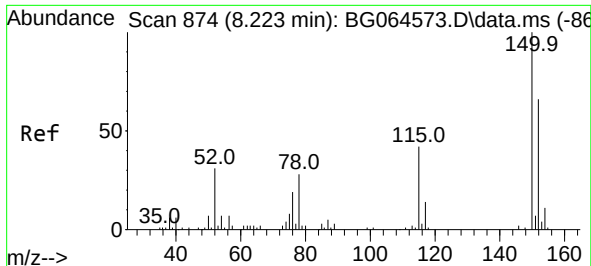
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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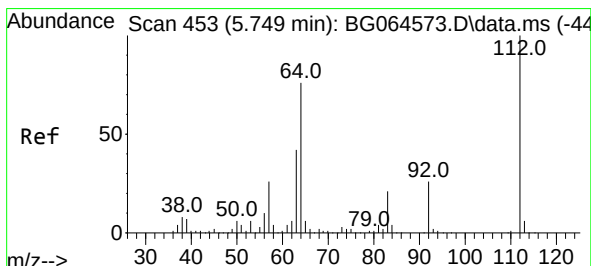
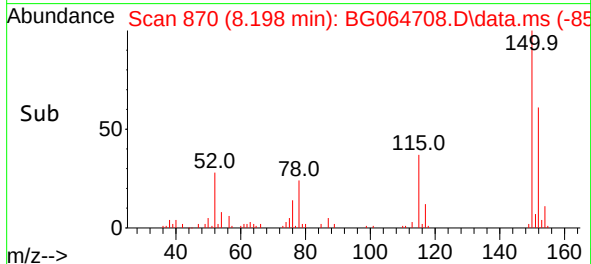
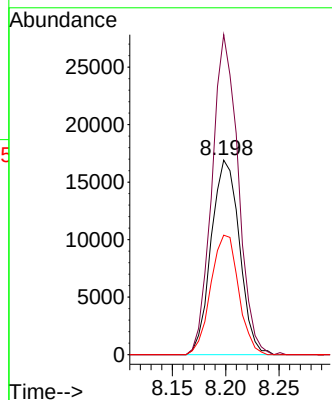
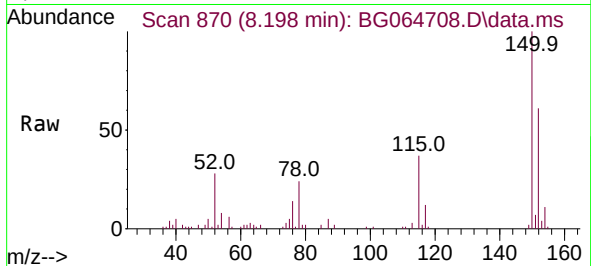




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.198 min Scan# 81
Delta R.T. -0.025 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

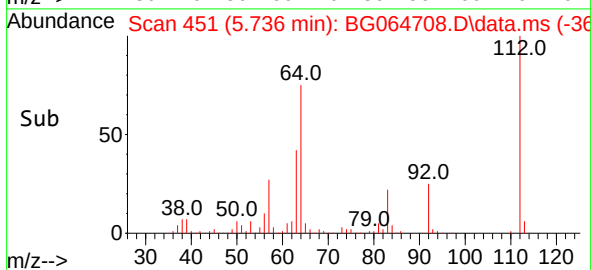
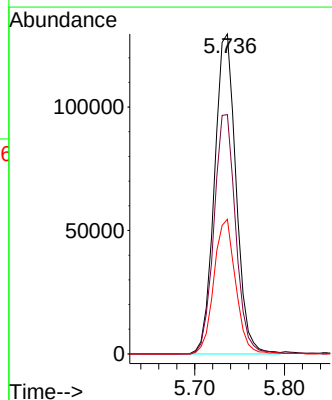
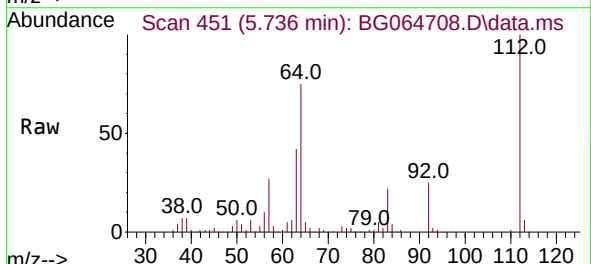
Instrument :
BNA_G
ClientSampleId :
TP-1

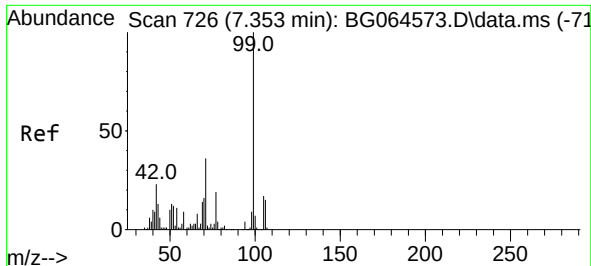
Tgt Ion:152 Resp: 31168
Ion Ratio Lower Upper
152 100
150 164.5 122.2 183.4
115 61.4 50.8 76.2



#5
2-Fluorophenol
Concen: 116.840 ng
RT: 5.736 min Scan# 451
Delta R.T. -0.013 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

Tgt Ion:112 Resp: 216961
Ion Ratio Lower Upper
112 100
64 74.8 60.7 91.1
63 42.1 33.4 50.0

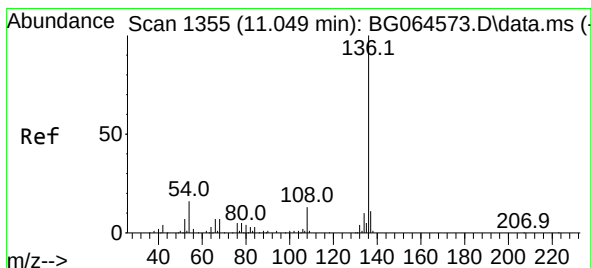
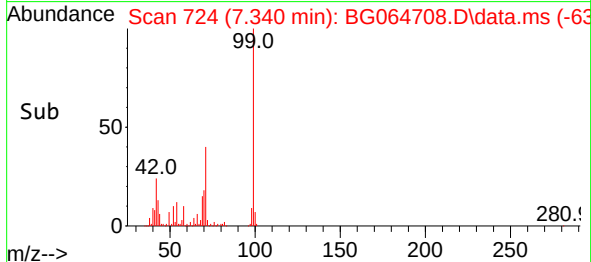
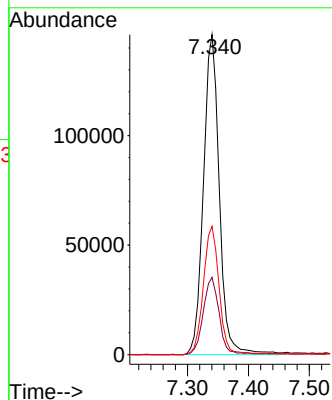
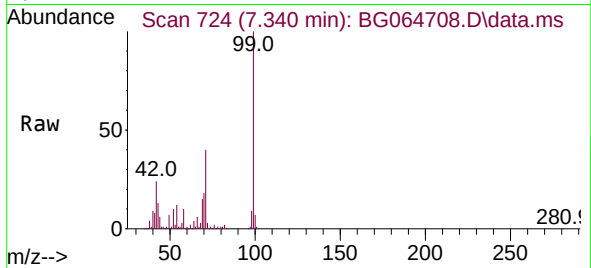




#7
Phenol-d6
Concen: 103.541 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.013 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

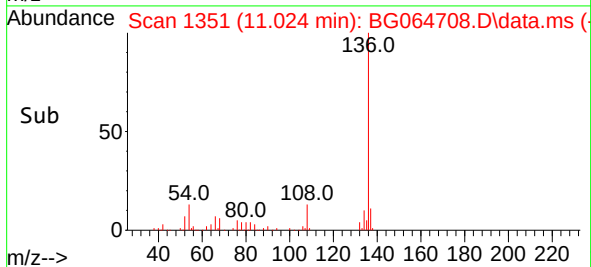
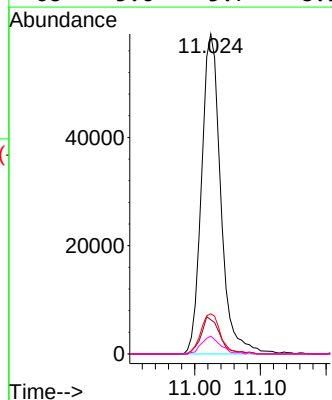
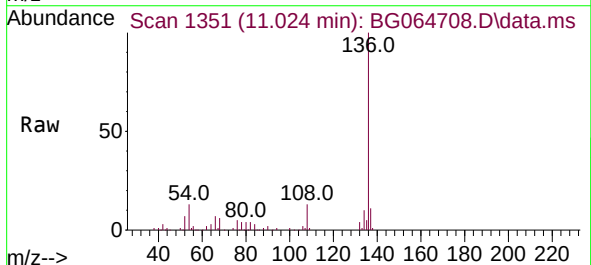
Instrument :
BNA_G
ClientSampleId :
TP-1

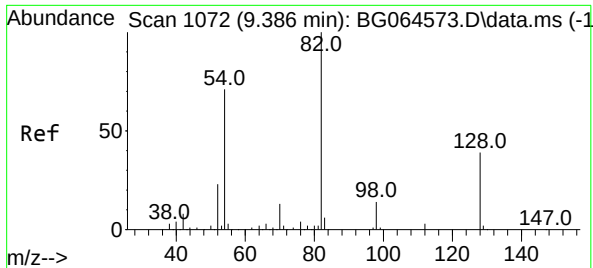
Tgt Ion: 99 Resp: 263828
Ion Ratio Lower Upper
99 100
42 24.1 18.3 27.5
71 40.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.024 min Scan# 1351
Delta R.T. -0.025 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

Tgt Ion: 136 Resp: 119813
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 12.5 12.6 19.0#
68 5.6 5.7 8.5#

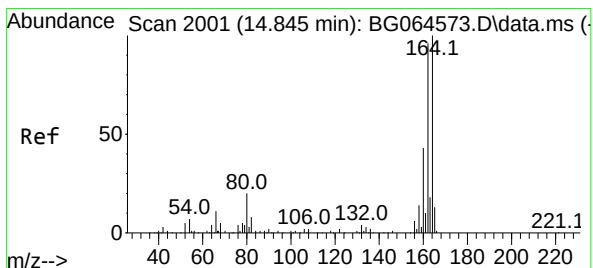
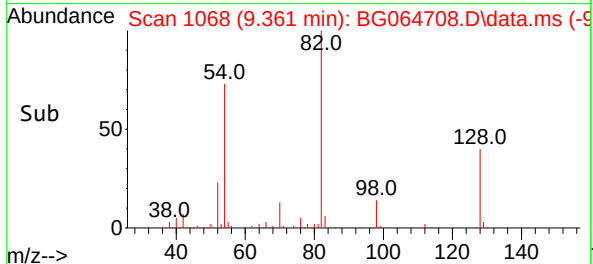
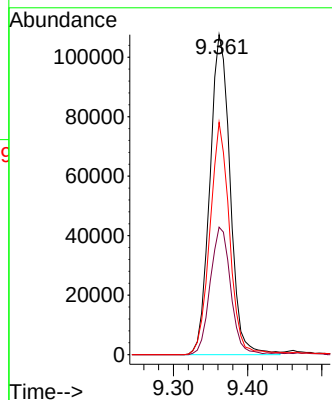
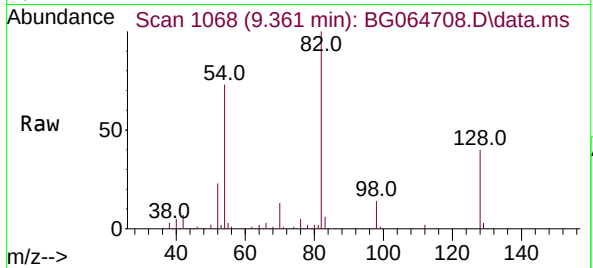




#23
Nitrobenzene-d5
Concen: 102.206 ng
RT: 9.361 min Scan# 1068
Delta R.T. -0.025 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

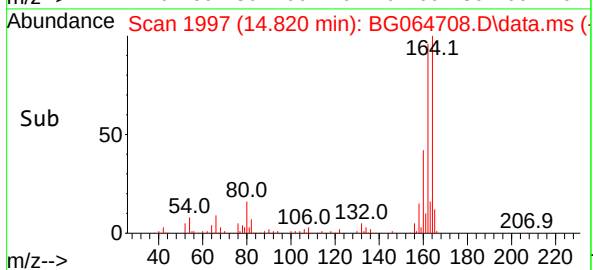
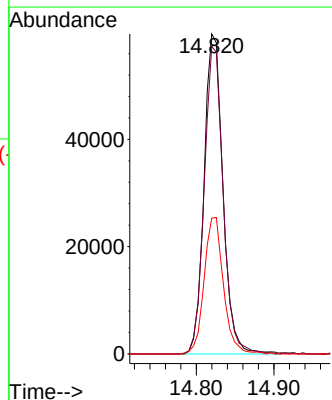
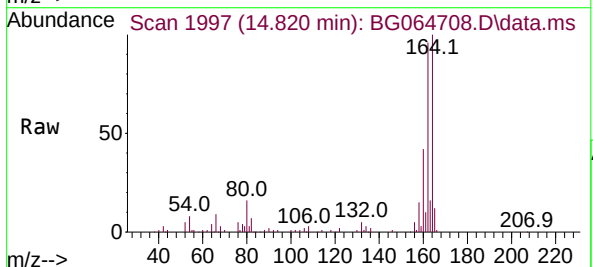
Instrument :
BNA_G
ClientSampleId :
TP-1

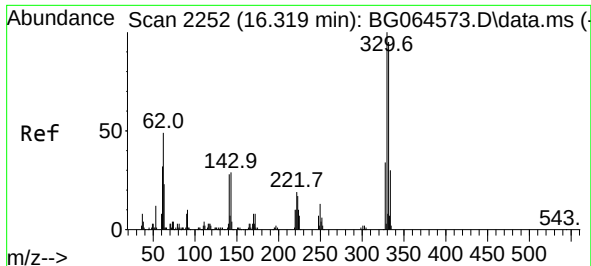
Tgt Ion: 82 Resp: 203880
Ion Ratio Lower Upper
82 100
128 39.8 31.3 46.9
54 72.6 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.820 min Scan# 1997
Delta R.T. -0.025 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

Tgt Ion: 164 Resp: 100517
Ion Ratio Lower Upper
164 100
162 96.0 77.0 115.6
160 42.4 34.4 51.6

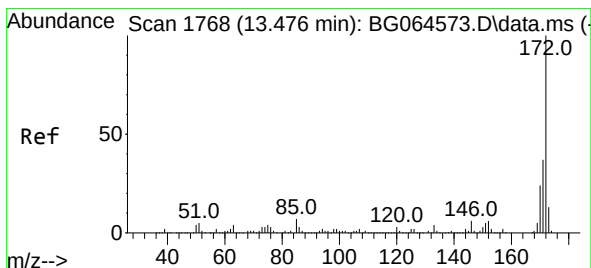
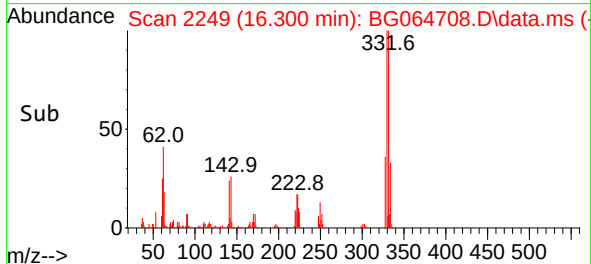
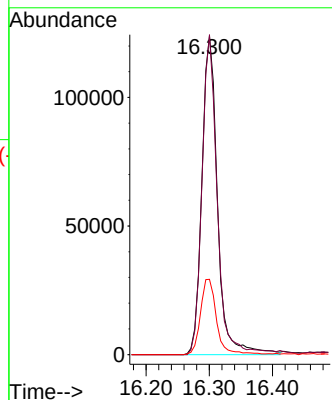
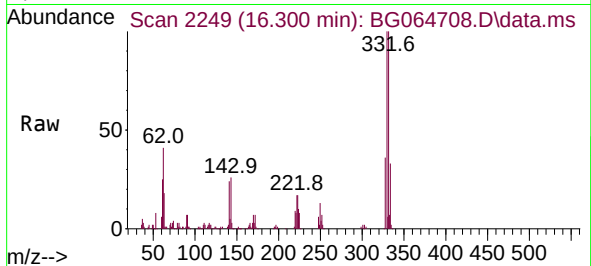




#42
 2,4,6-Tribromophenol
 Concen: 146.772 ng
 RT: 16.300 min Scan# 21
 Delta R.T. -0.019 min
 Lab File: BG064708.D
 Acq: 6 Nov 2025 18:30

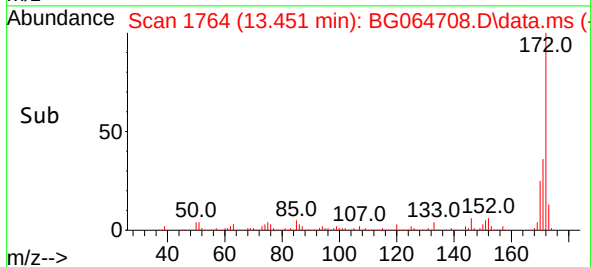
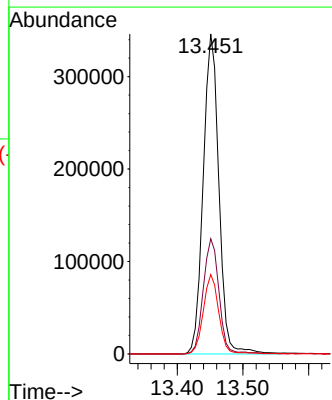
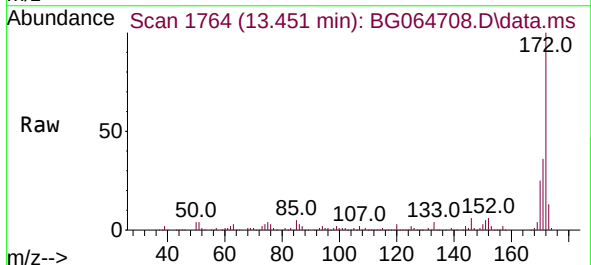
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

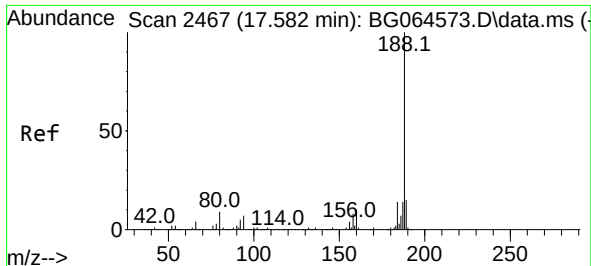
Tgt Ion:	330	Resp:	212931
Ion Ratio	Lower	Upper	
330	100		
332	98.6	78.0	117.0
141	24.3	21.8	32.6



#45
 2-Fluorobiphenyl
 Concen: 86.096 ng
 RT: 13.451 min Scan# 1764
 Delta R.T. -0.025 min
 Lab File: BG064708.D
 Acq: 6 Nov 2025 18:30

Tgt Ion:	172	Resp:	570949
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.0
170	24.8	19.1	28.7

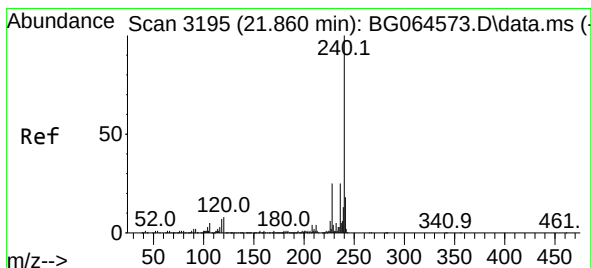
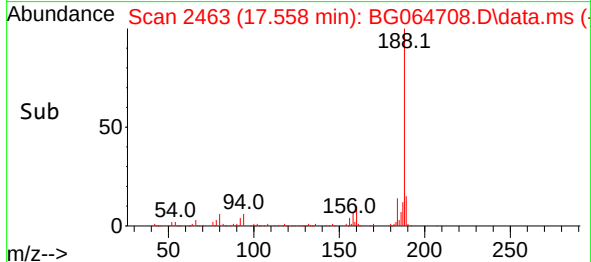
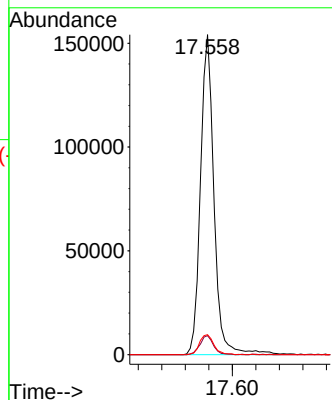
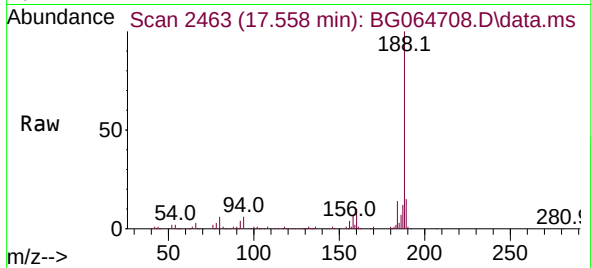




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.558 min Scan# 2463
Delta R.T. -0.025 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

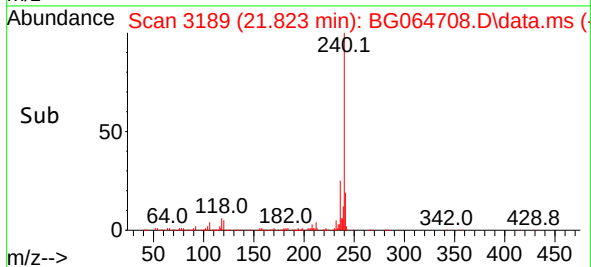
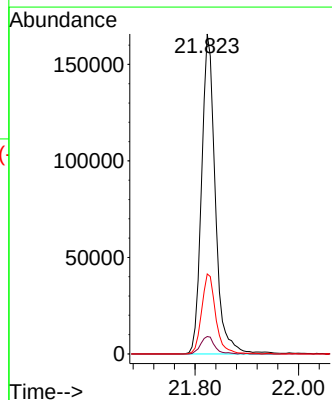
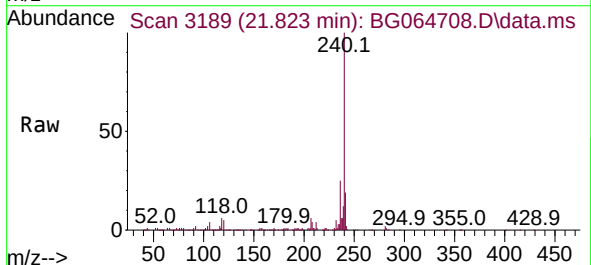
Instrument :
BNA_G
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TP-1

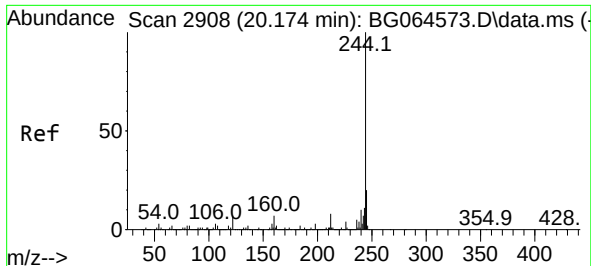
Tgt Ion:188 Resp: 244672
Ion Ratio Lower Upper
188 100
94 5.9 5.7 8.5
80 6.2 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.823 min Scan# 3189
Delta R.T. -0.036 min
Lab File: BG064708.D
Acq: 6 Nov 2025 18:30

Tgt Ion:240 Resp: 305345
Ion Ratio Lower Upper
240 100
120 5.4 6.5 9.7#
236 25.0 20.2 30.2

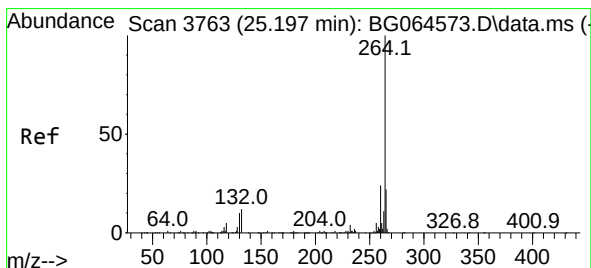
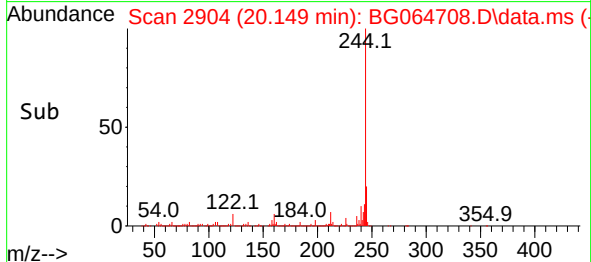
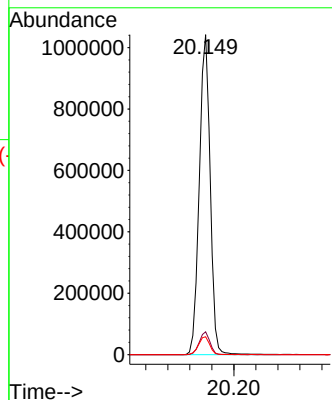
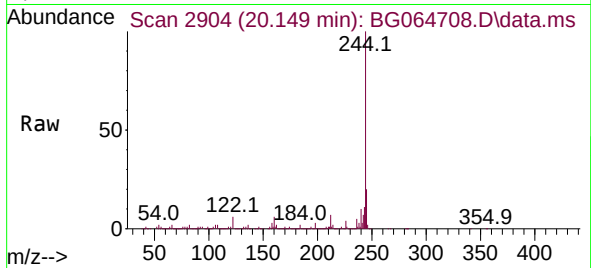




#79
 Terphenyl-d14
 Concen: 87.947 ng
 RT: 20.149 min Scan# 2908
 Delta R.T. -0.025 min
 Lab File: BG064708.D
 Acq: 6 Nov 2025 18:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1422992
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.6 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.149 min Scan# 3755
 Delta R.T. -0.048 min
 Lab File: BG064708.D
 Acq: 6 Nov 2025 18:30

Tgt Ion:264 Resp: 330107
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 20.6 17.6 26.4

