

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064609.D
 Acq On : 28 Oct 2025 19:57
 Operator : RC/JU
 Sample : Q3376-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR132-S12-020047-20251016

Quant Time: Oct 29 00:58:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

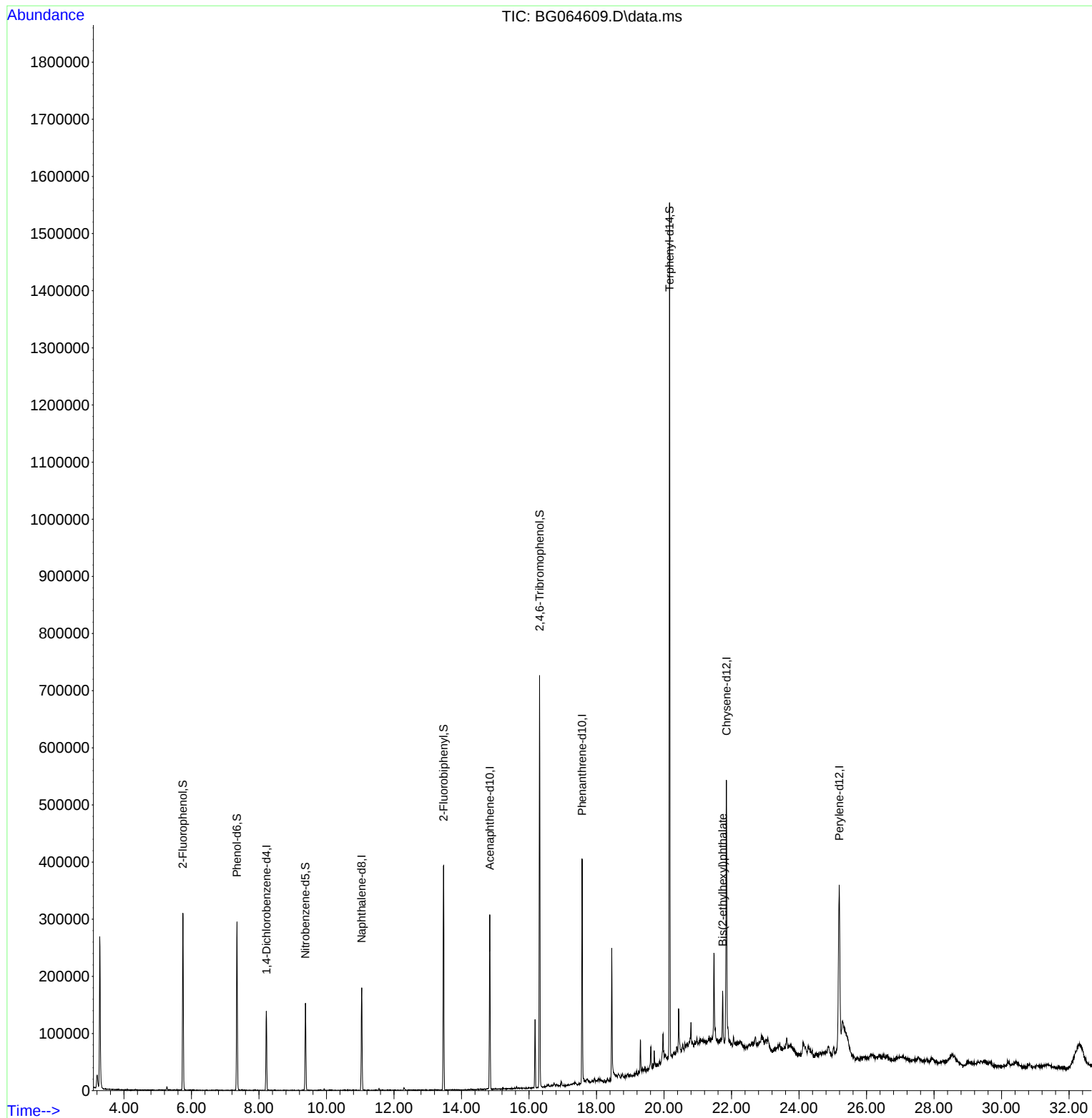
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	37243	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	140181	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	106965	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	249913	20.000	ng	0.00
76) Chrysene-d12	21.848	240	291786	20.000	ng	-0.02
86) Perylene-d12	25.191	264	320360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	122857	55.370	ng	0.00
7) Phenol-d6	7.347	99	149591	49.132	ng	0.00
23) Nitrobenzene-d5	9.374	82	80593	34.531	ng	-0.02
42) 2,4,6-Tribromophenol	16.313	330	145693	94.371	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	207732	29.437	ng	-0.02
79) Terphenyl-d14	20.162	244	780618	50.488	ng	-0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.736	149	31971	3.713	ng	99

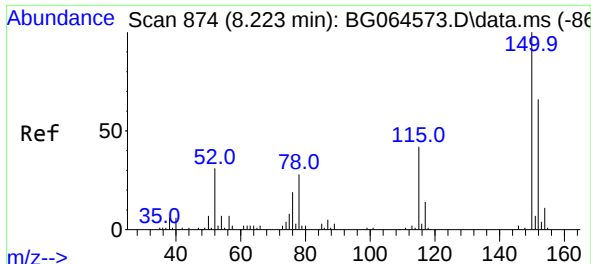
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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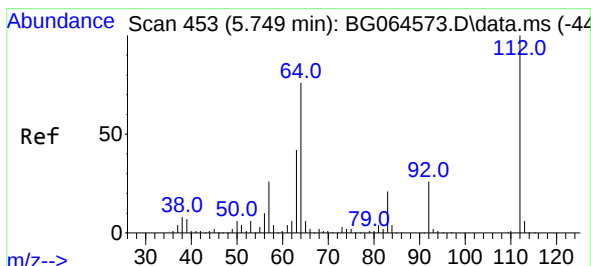
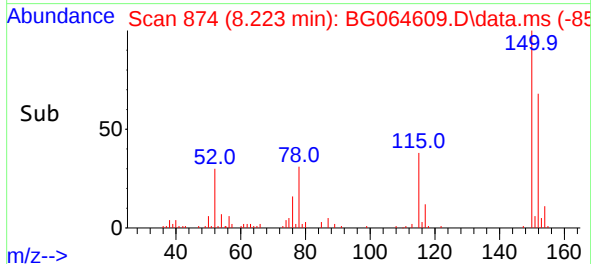
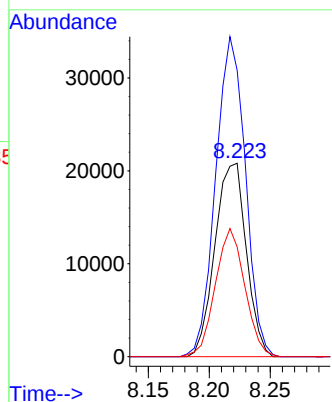
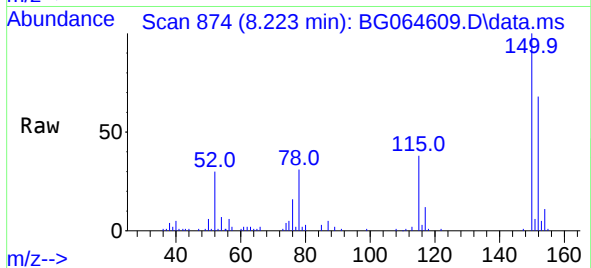




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

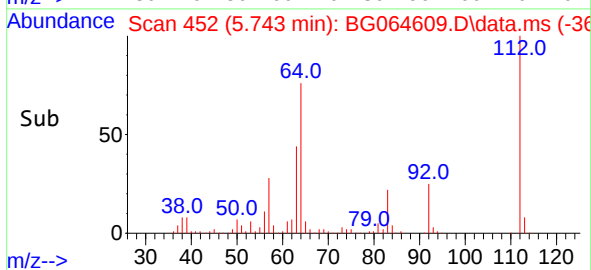
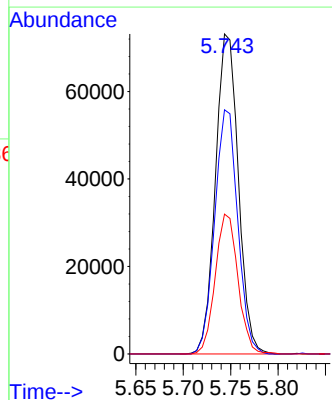
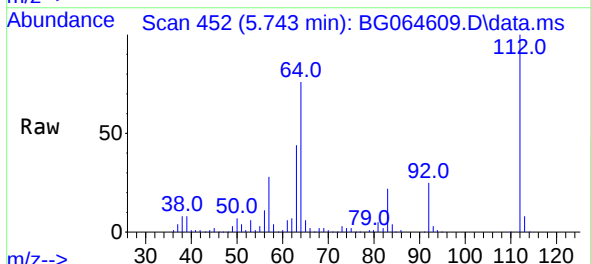
Instrument :
BNA_G
ClientSampleId :
PR132-S12-020047-20251016

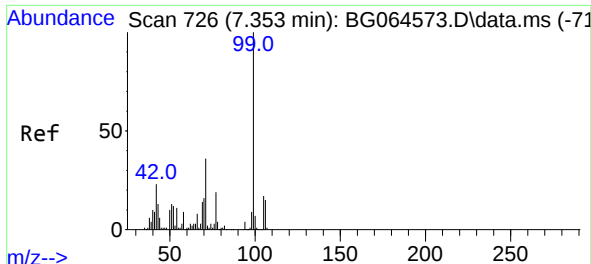
Tgt Ion:152 Resp: 37243
Ion Ratio Lower Upper
152 100
150 148.1 122.2 183.4
115 56.7 50.8 76.2



#5
2-Fluorophenol
Concen: 55.370 ng
RT: 5.743 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:112 Resp: 122857
Ion Ratio Lower Upper
112 100
64 76.3 60.7 91.1
63 43.7 33.4 50.0





Phenol-d6

Concen: 49.132 ng

RT: 7.347 min Scan# 71

Delta R.T. -0.009 min

Lab File: BG064609.D

Acq: 28 Oct 2025 19:57

Instrument :

BNA_G

ClientSampleId :

PR132-S12-020047-20251016

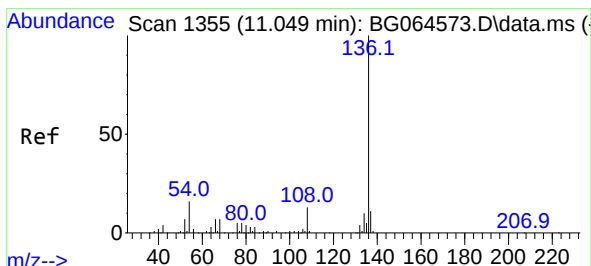
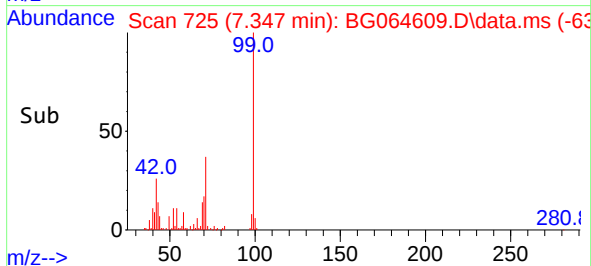
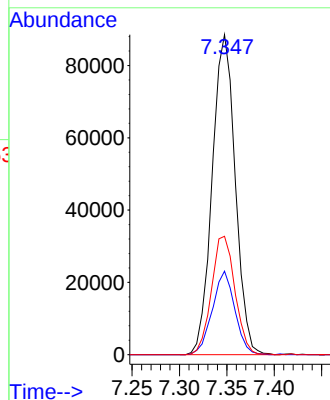
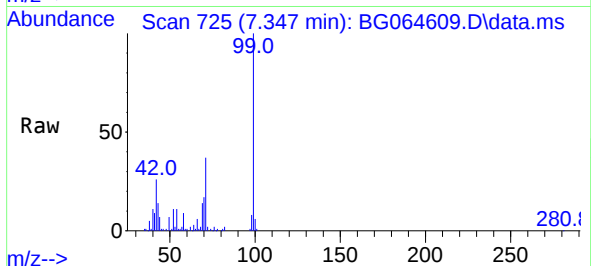
Tgt Ion: 99 Resp: 149591

Ion Ratio Lower Upper

99 100

42 26.1 18.3 27.5

71 37.0 28.6 43.0



Naphthalene-d8

Concen: 20.000 ng

RT: 11.043 min Scan# 1354

Delta R.T. -0.009 min

Lab File: BG064609.D

Acq: 28 Oct 2025 19:57

Tgt Ion: 136 Resp: 140181

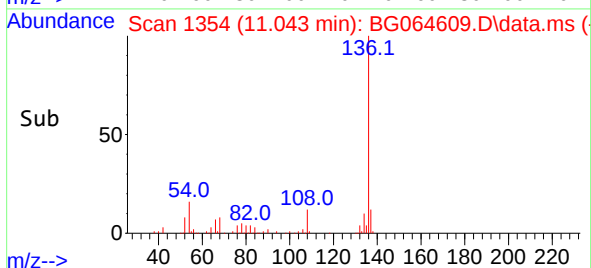
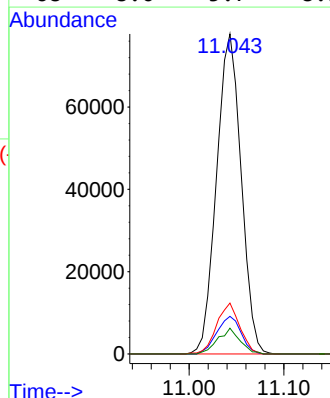
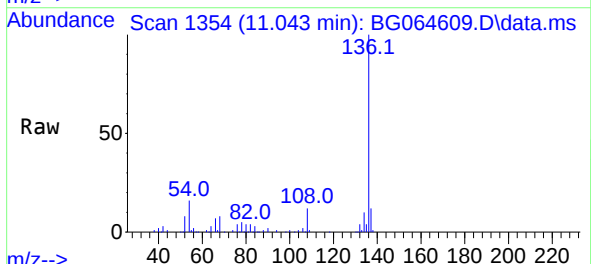
Ion Ratio Lower Upper

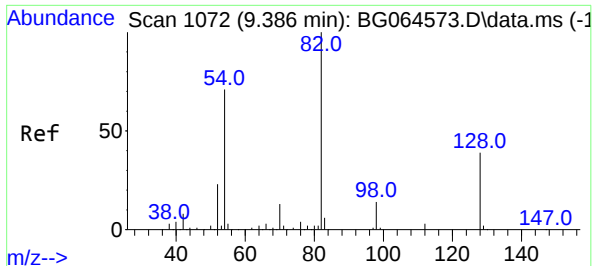
136 100

137 11.7 9.2 13.8

54 15.9 12.6 19.0

68 8.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 34.531 ng

RT: 9.374 min Scan# 10

Delta R.T. -0.016 min

Lab File: BG064609.D

Acq: 28 Oct 2025 19:57

Instrument :

BNA_G

ClientSampleId :

PR132-S12-020047-20251016

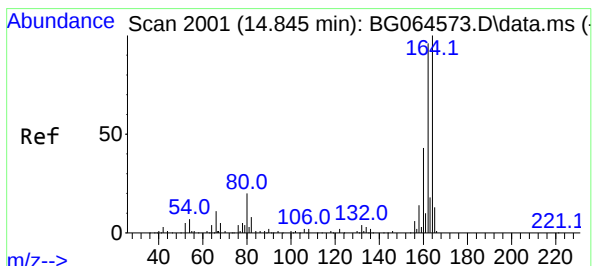
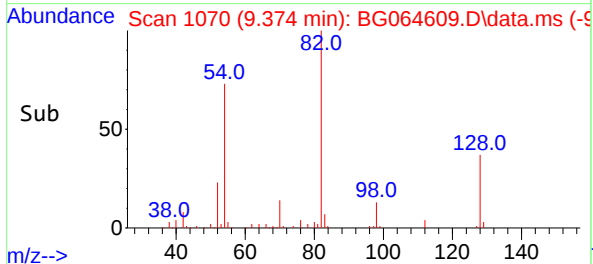
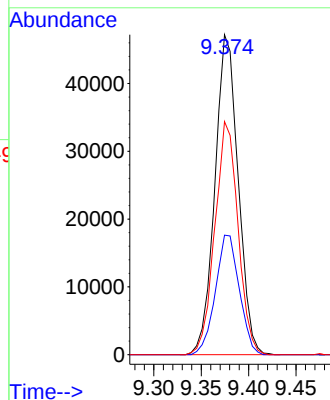
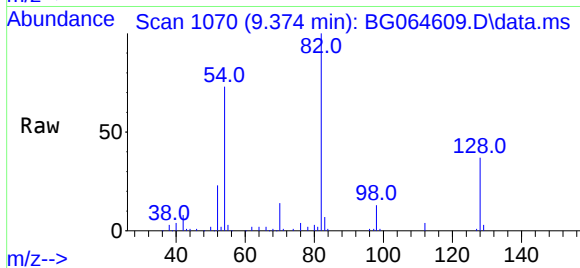
Tgt Ion: 82 Resp: 80593

Ion Ratio Lower Upper

82 100

128 37.4 31.3 46.9

54 72.9 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064609.D

Acq: 28 Oct 2025 19:57

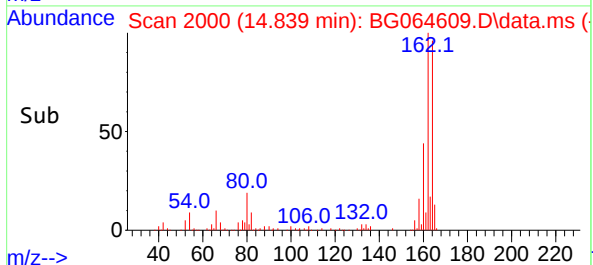
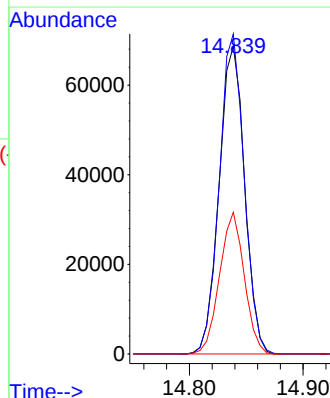
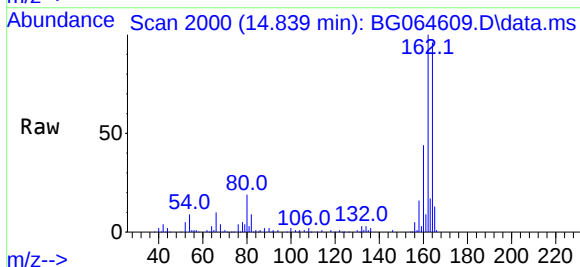
Tgt Ion:164 Resp: 106965

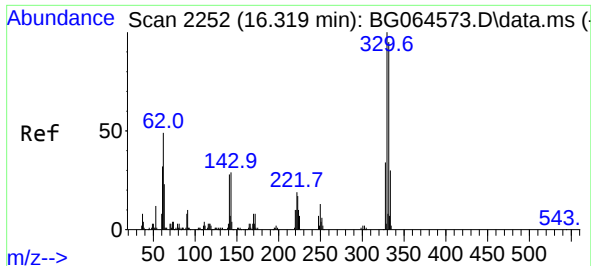
Ion Ratio Lower Upper

164 100

162 103.9 77.0 115.6

160 46.1 34.4 51.6

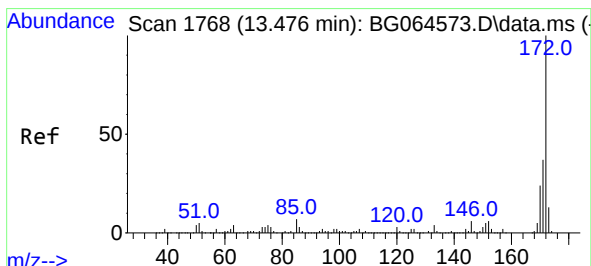
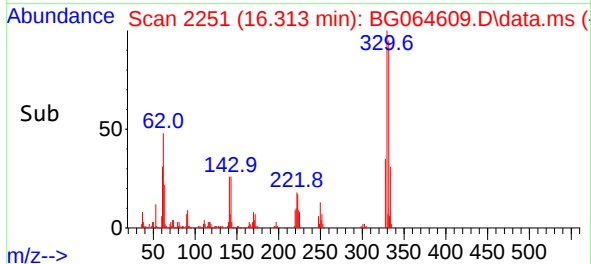
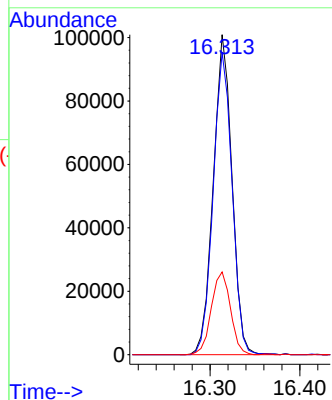
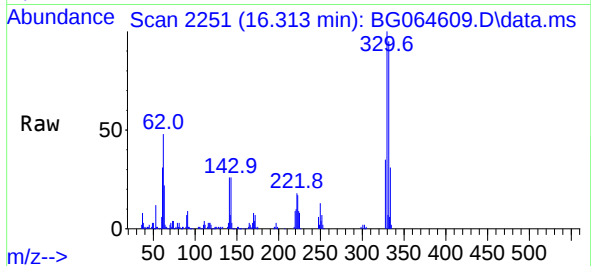




#42
2,4,6-Tribromophenol
Concen: 94.371 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

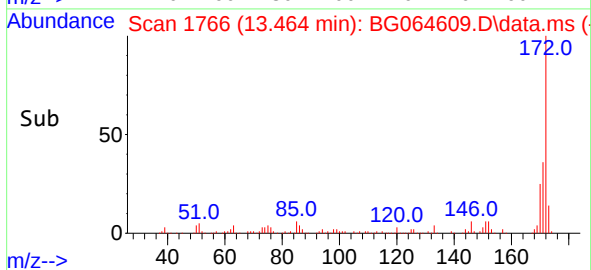
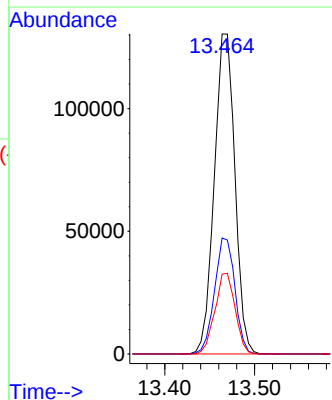
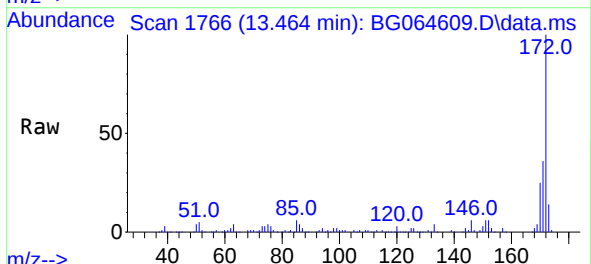
Instrument :
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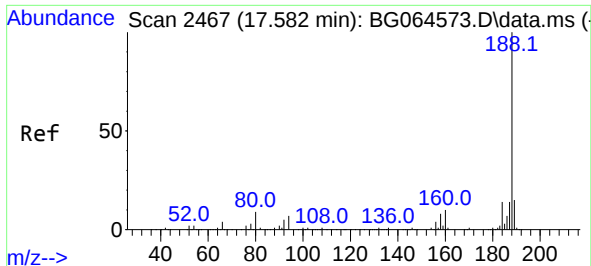
Tgt Ion:330 Resp: 145693
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 26.5 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 29.437 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.015 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:172 Resp: 207732
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 25.0 19.1 28.7

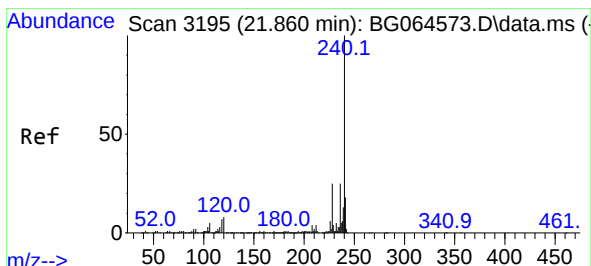
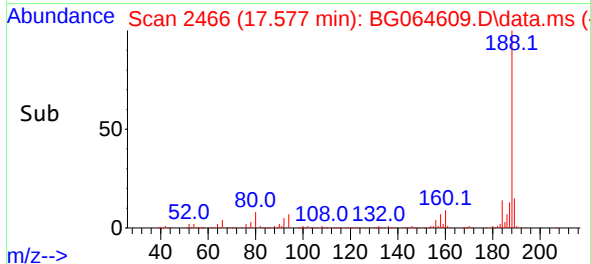
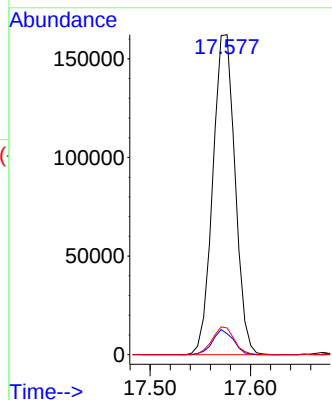
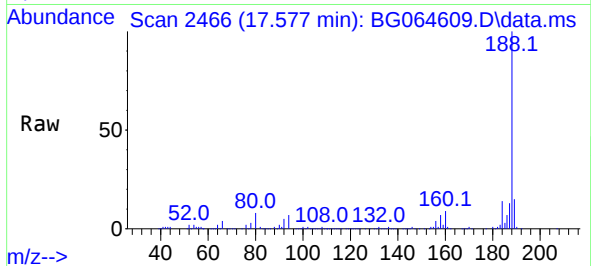




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

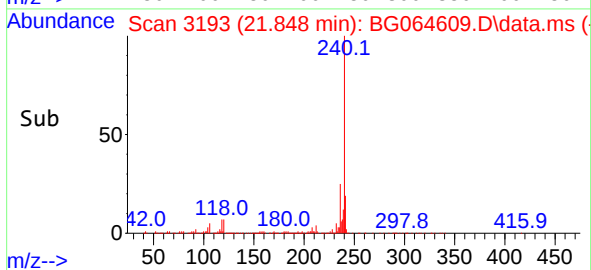
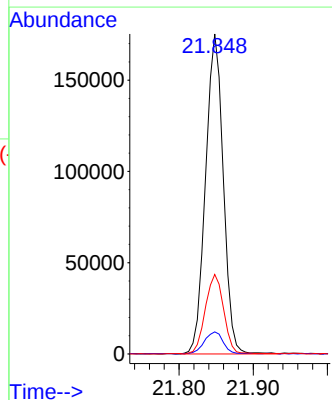
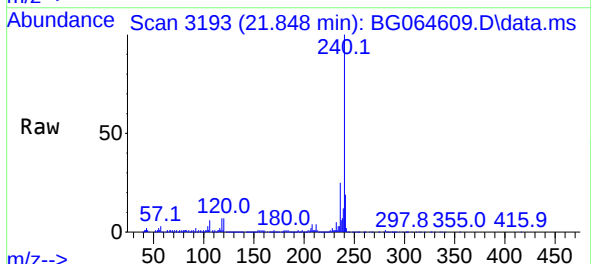
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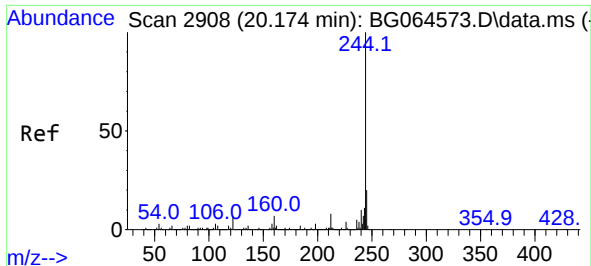
Tgt Ion:188 Resp: 249913
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064609.D
Acq: 28 Oct 2025 19:57

Tgt Ion:240 Resp: 291786
Ion Ratio Lower Upper
240 100
120 6.9 6.5 9.7
236 24.9 20.2 30.2



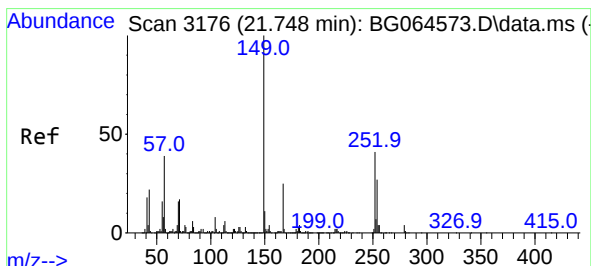
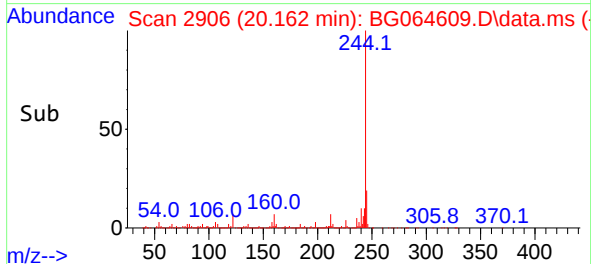
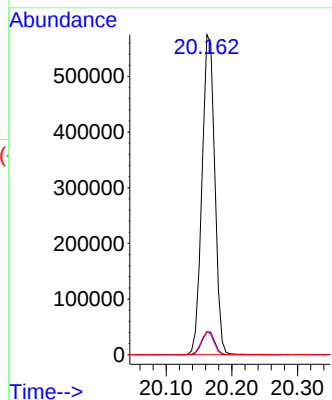
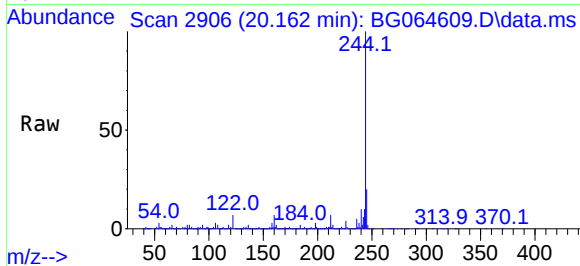


#79
 Terphenyl-d14
 Concen: 50.488 ng
 RT: 20.162 min Scan# 2906
 Delta R.T. -0.015 min
 Lab File: BG064609.D
 Acq: 28 Oct 2025 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PR132-S12-020047-20251016

Tgt Ion:244 Resp: 780618

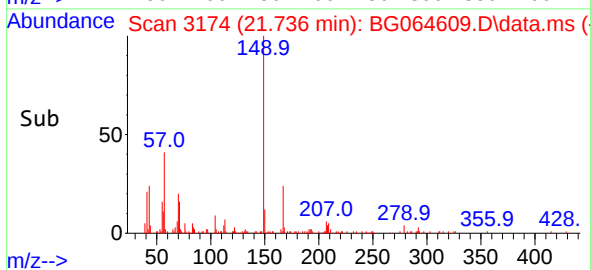
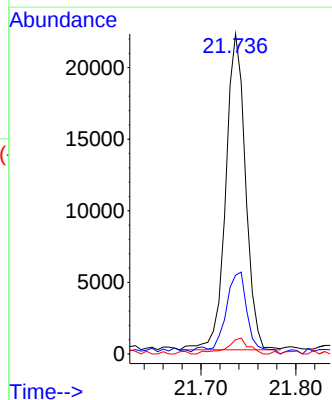
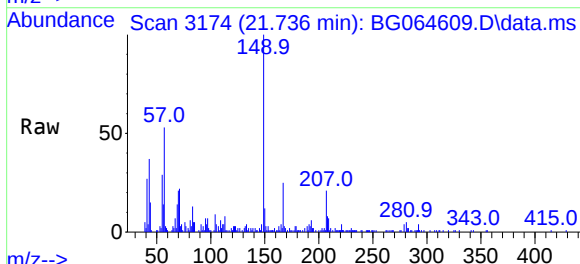
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	7.2	5.6	8.4

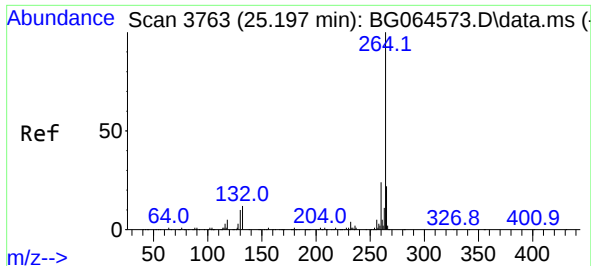


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.713 ng
 RT: 21.736 min Scan# 3174
 Delta R.T. -0.015 min
 Lab File: BG064609.D
 Acq: 28 Oct 2025 19:57

Tgt Ion:149 Resp: 31971

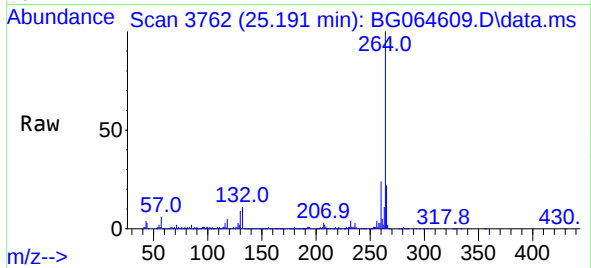
Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.0	30.0
279	4.5	3.1	4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG064609.D
 Acq: 28 Oct 2025 19:57

Instrument :
 BNA_G
 ClientSampleId :
 PR132-S12-020047-20251016



Tgt Ion:264 Resp: 320360

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.6	17.6	26.4

