

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064632.D
 Acq On : 29 Oct 2025 20:59
 Operator : RC/JU
 Sample : Q3468-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Quant Time: Oct 30 04:59:35 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	8.217	152	33286	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	137382	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	103755	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	234664	20.000	ng	0.00
76) Chrysene-d12	21.849	240	295229	20.000	ng	#-0.01
86) Perylene-d12	25.186	264	321514	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	148523	74.895	ng	0.00
7) Phenol-d6	7.348	99	128079	47.067	ng	0.00
23) Nitrobenzene-d5	9.381	82	281552	123.093	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	253889	169.542	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	689995	100.801	ng	0.00
79) Terphenyl-d14	20.168	244	1453520	92.912	ng	0.00

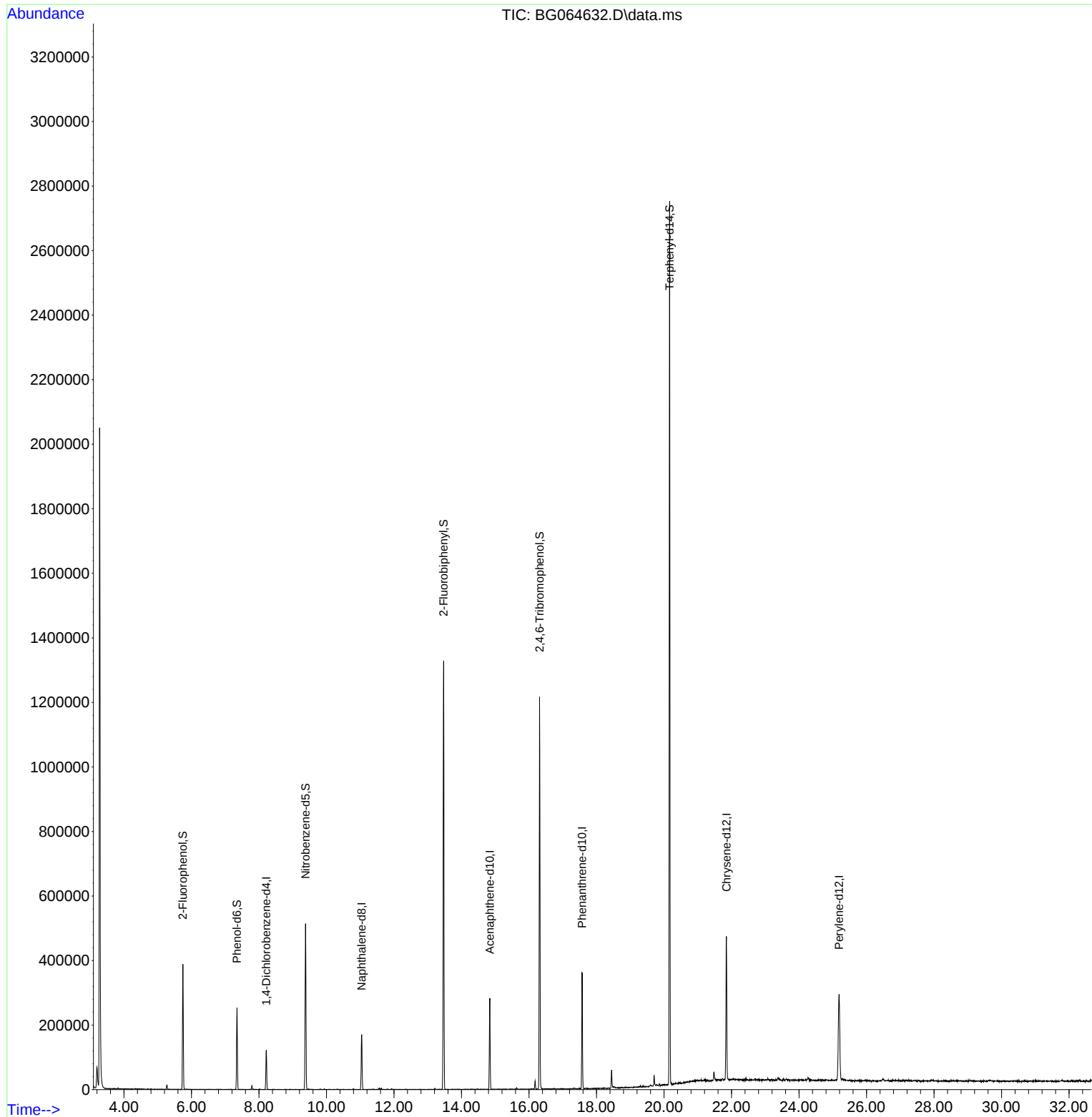
Target Compounds	Qvalue

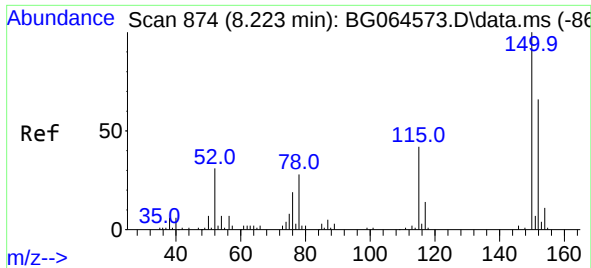
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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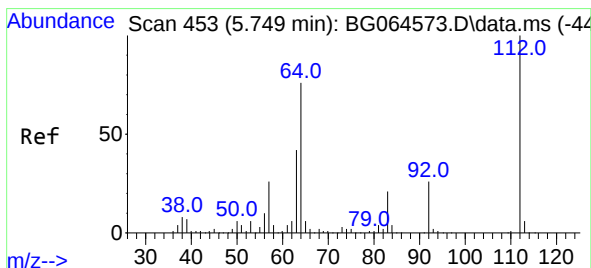
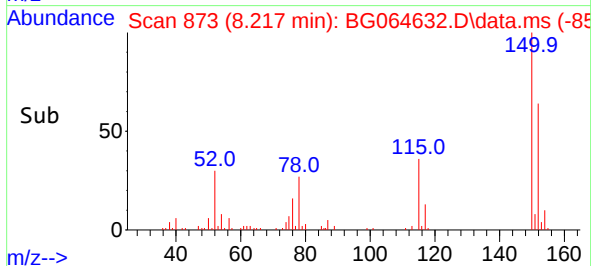
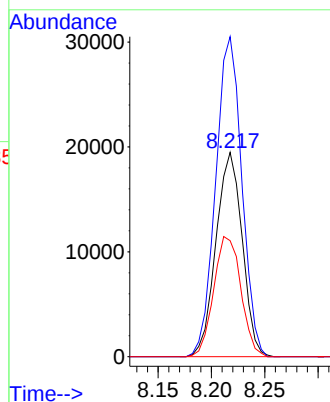
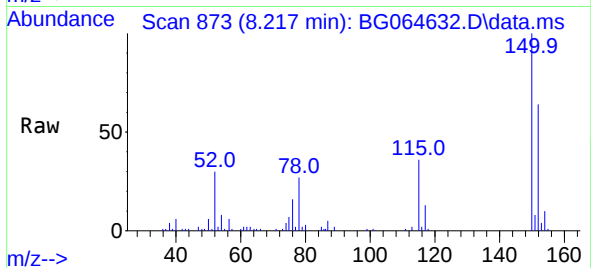




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

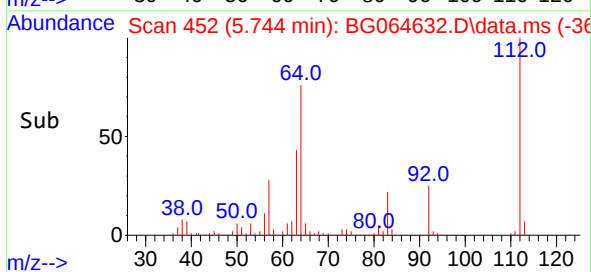
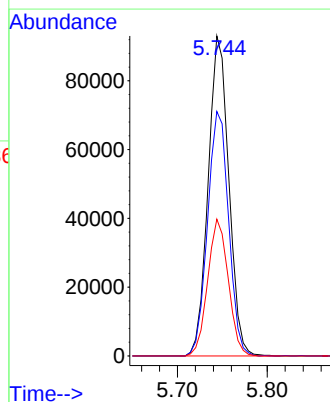
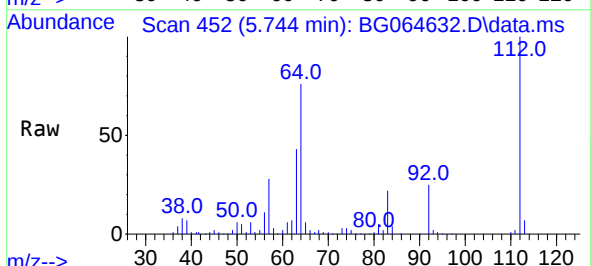
Instrument :
BNA_G
ClientSampleId :
MW-11

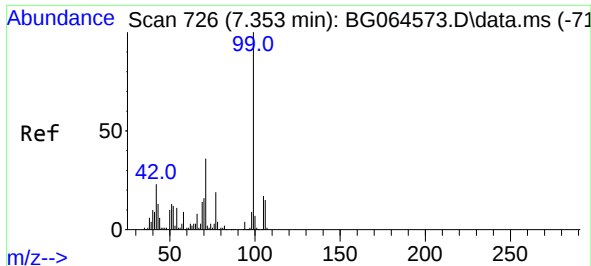
Tgt Ion:152 Resp: 33286
Ion Ratio Lower Upper
152 100
150 156.6 122.2 183.4
115 56.8 50.8 76.2



#5
2-Fluorophenol
Concen: 74.895 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.003 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

Tgt Ion:112 Resp: 148523
Ion Ratio Lower Upper
112 100
64 76.4 60.7 91.1
63 42.7 33.4 50.0



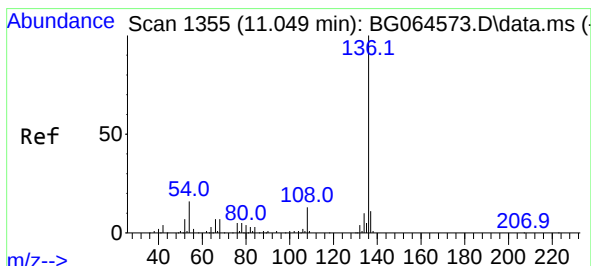
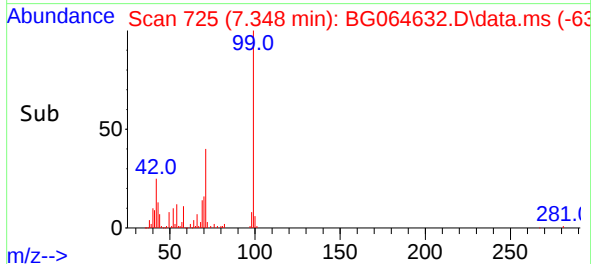
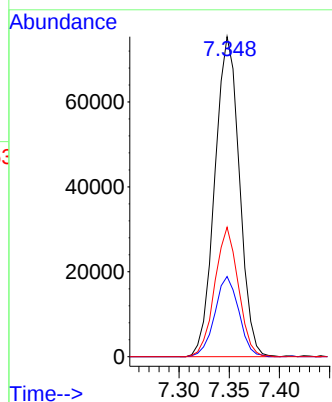
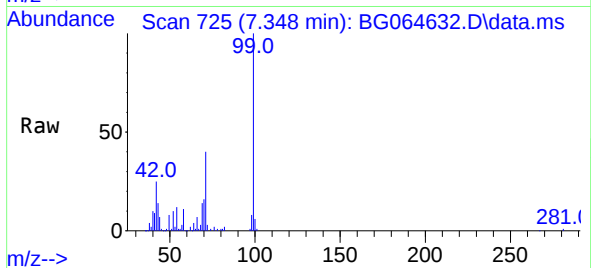


#7
Phenol-d6
Concen: 47.067 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

Instrument :
BNA_G
ClientSampleId :
MW-11

Tgt Ion: 99 Resp: 128079

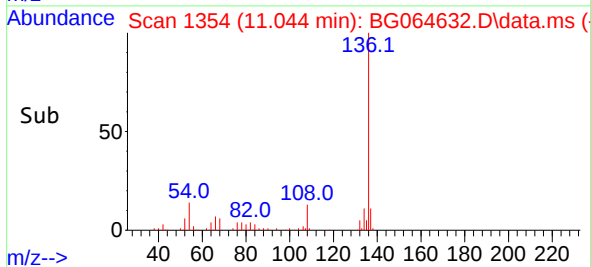
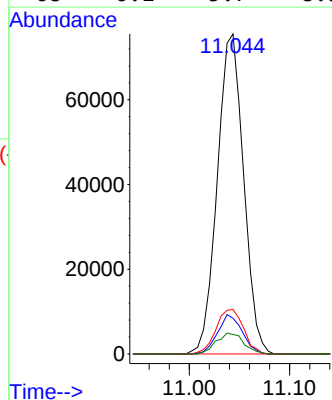
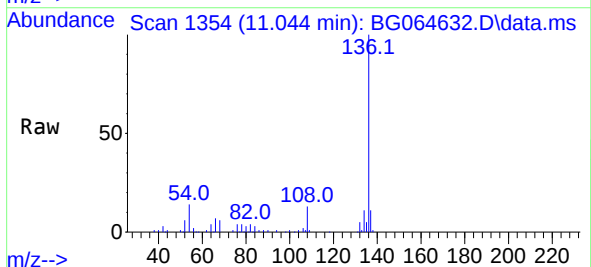
Ion	Ratio	Lower	Upper
99	100		
42	25.1	18.3	27.5
71	40.4	28.6	43.0

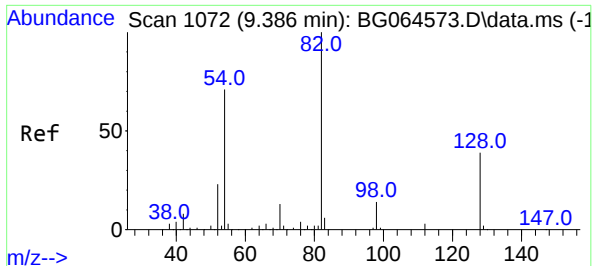


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

Tgt Ion: 136 Resp: 137382

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	13.9	12.6	19.0
68	6.1	5.7	8.5





#23

Nitrobenzene-d5

Concen: 123.093 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.009 min

Lab File: BG064632.D

Acq: 29 Oct 2025 20:59

Instrument :

BNA_G

ClientSampleId :

MW-11

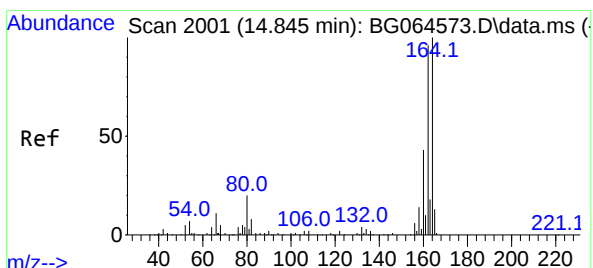
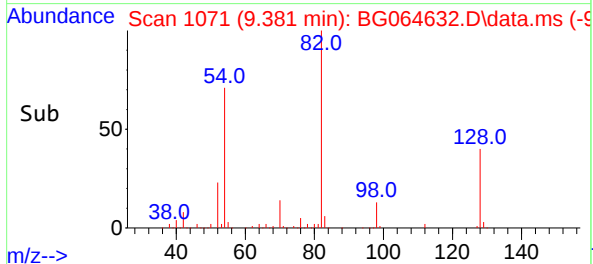
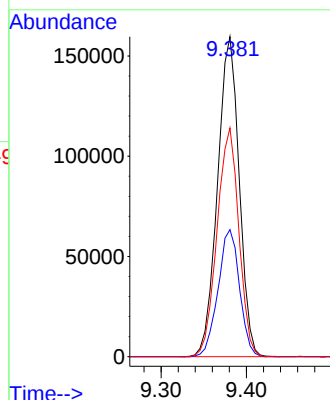
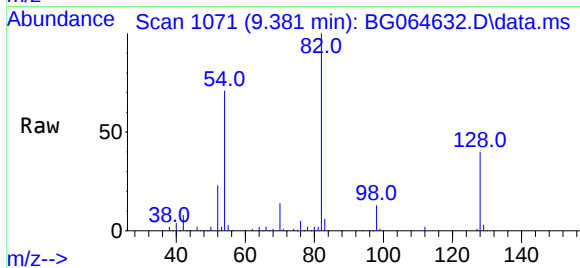
Tgt Ion: 82 Resp: 281552

Ion Ratio Lower Upper

82 100

128 39.7 31.3 46.9

54 71.5 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.003 min

Lab File: BG064632.D

Acq: 29 Oct 2025 20:59

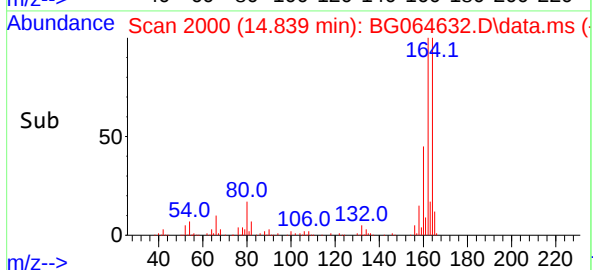
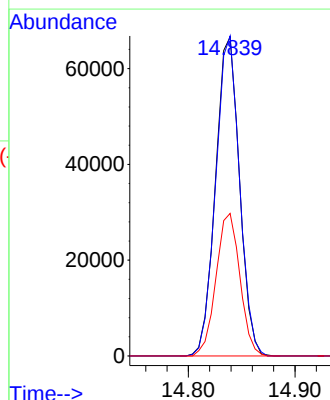
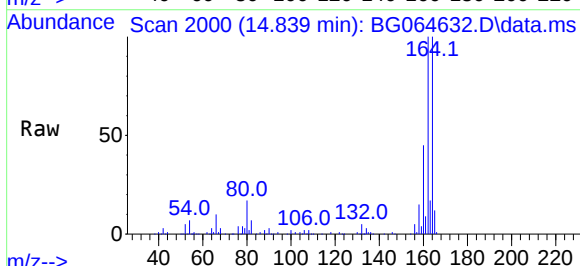
Tgt Ion:164 Resp: 103755

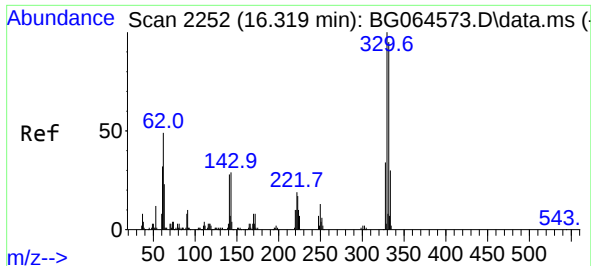
Ion Ratio Lower Upper

164 100

162 100.3 77.0 115.6

160 44.7 34.4 51.6

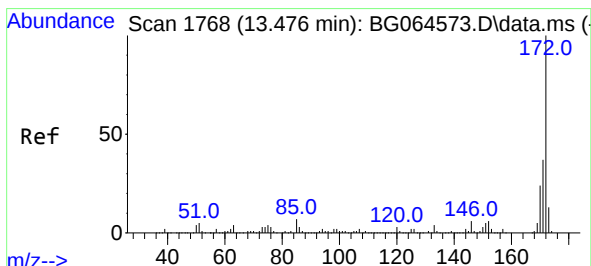
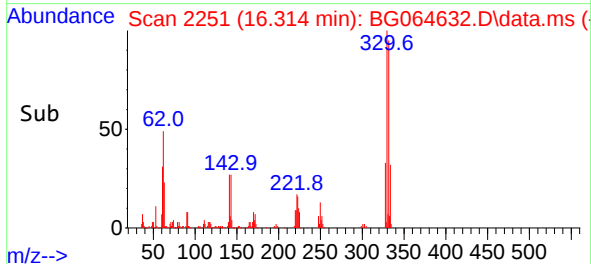
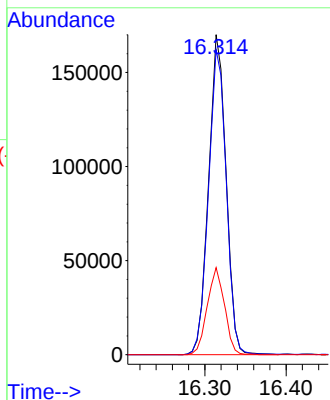
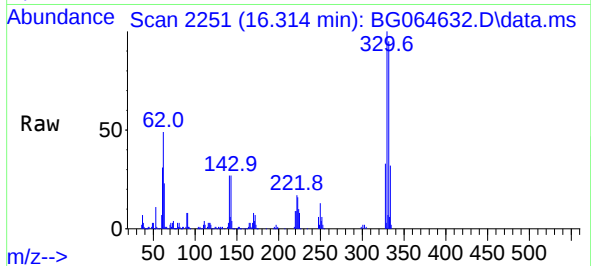




#42
2,4,6-Tribromophenol
Concen: 169.542 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

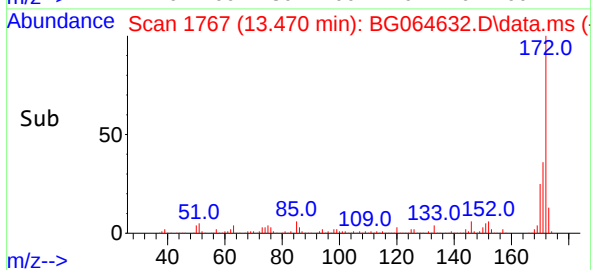
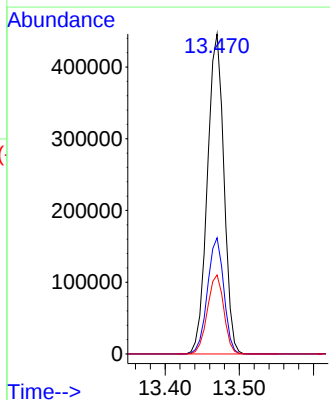
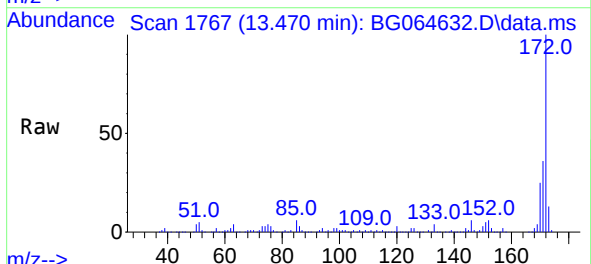
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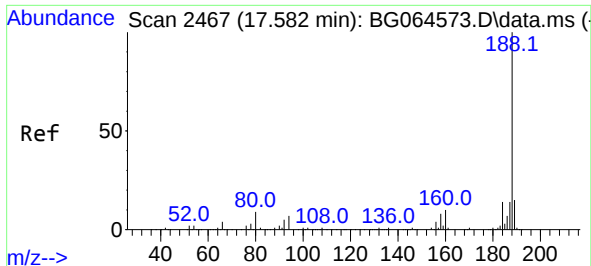
Tgt Ion:330 Resp: 253889
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 26.9 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 100.801 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

Tgt Ion:172 Resp: 689995
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.7 19.1 28.7

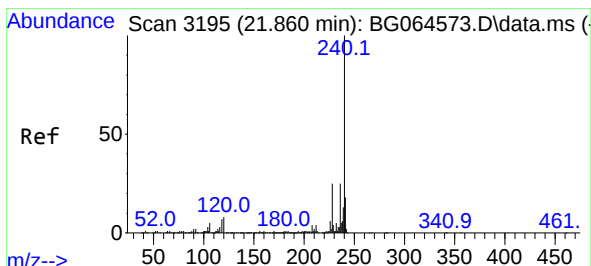
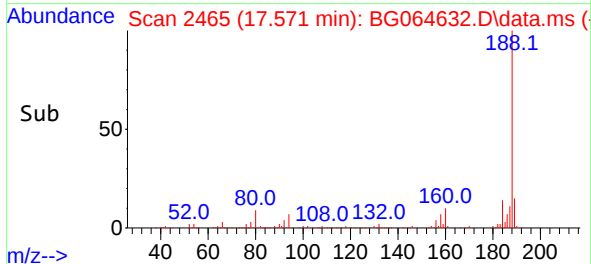
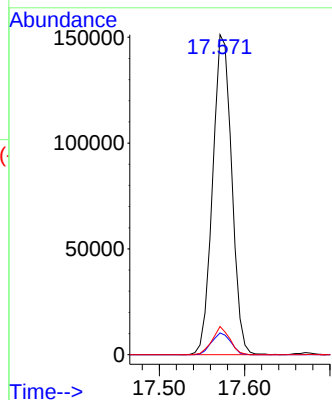
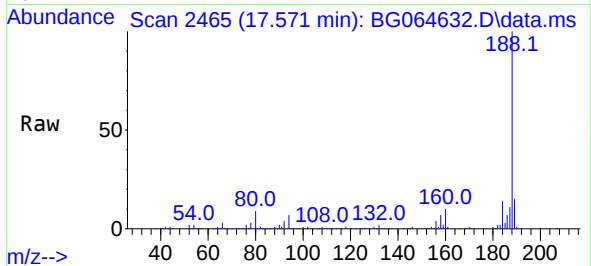




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

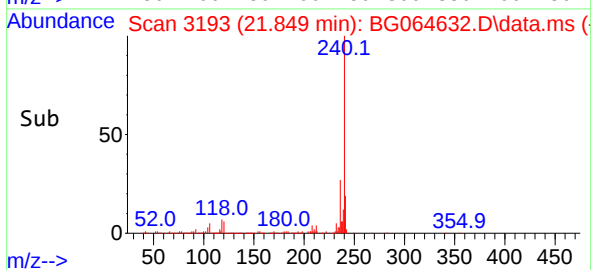
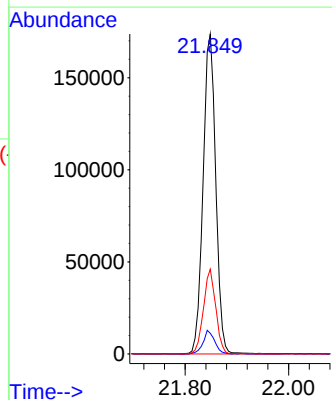
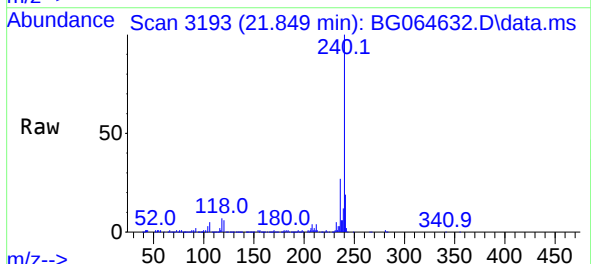
Instrument :
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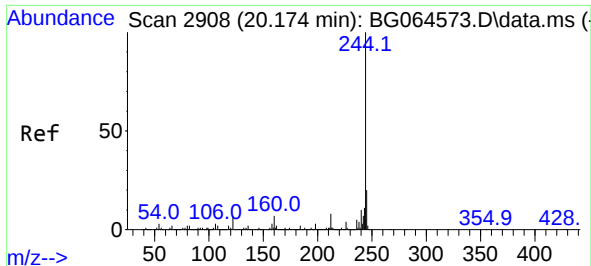
Tgt Ion:188 Resp: 234664
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064632.D
Acq: 29 Oct 2025 20:59

Tgt Ion:240 Resp: 295229
Ion Ratio Lower Upper
240 100
120 6.4 6.5 9.7#
236 26.5 20.2 30.2

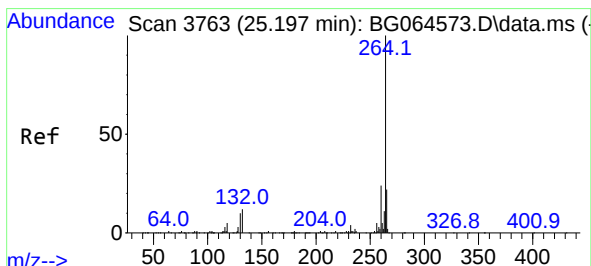
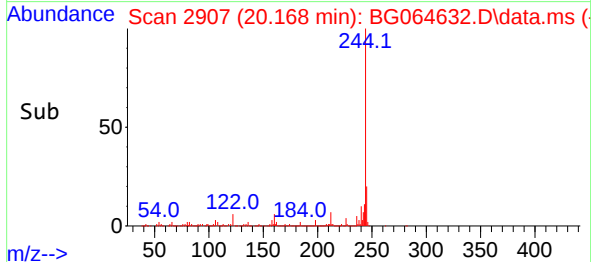
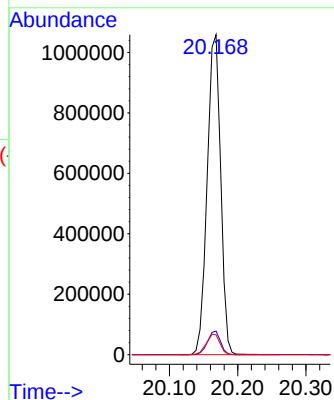
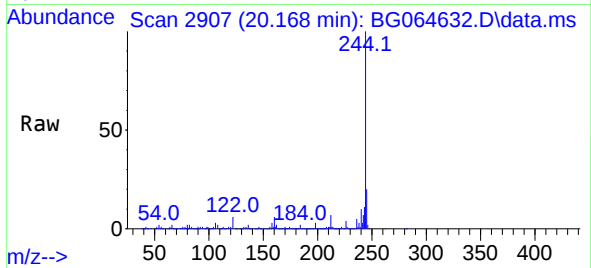




#79
 Terphenyl-d14
 Concen: 92.912 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.009 min
 Lab File: BG064632.D
 Acq: 29 Oct 2025 20:59

Instrument :
 BNA_G
 ClientSampleId :
 MW-11

Tgt Ion:244 Resp: 1453520
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.2 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3761
 Delta R.T. -0.015 min
 Lab File: BG064632.D
 Acq: 29 Oct 2025 20:59

Tgt Ion:264 Resp: 321514
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.6 17.6 26.4

