

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064626.D
 Acq On : 29 Oct 2025 16:53
 Operator : RC/JU
 Sample : Q3419-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-132-S16-015094-20251021

Quant Time: Oct 30 04:56:36 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	33527	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	125721	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	94531	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	232719	20.000	ng	0.00
76) Chrysene-d12	21.848	240	307543	20.000	ng	#-0.02
86) Perylene-d12	25.191	264	344921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	182256	91.245	ng	0.00
7) Phenol-d6	7.353	99	241505	88.111	ng	0.00
23) Nitrobenzene-d5	9.380	82	154857	73.982	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	157922	115.747	ng	-0.01
45) 2-Fluorobiphenyl	13.469	172	355630	57.023	ng	0.00
79) Terphenyl-d14	20.167	244	896538	55.014	ng	0.00

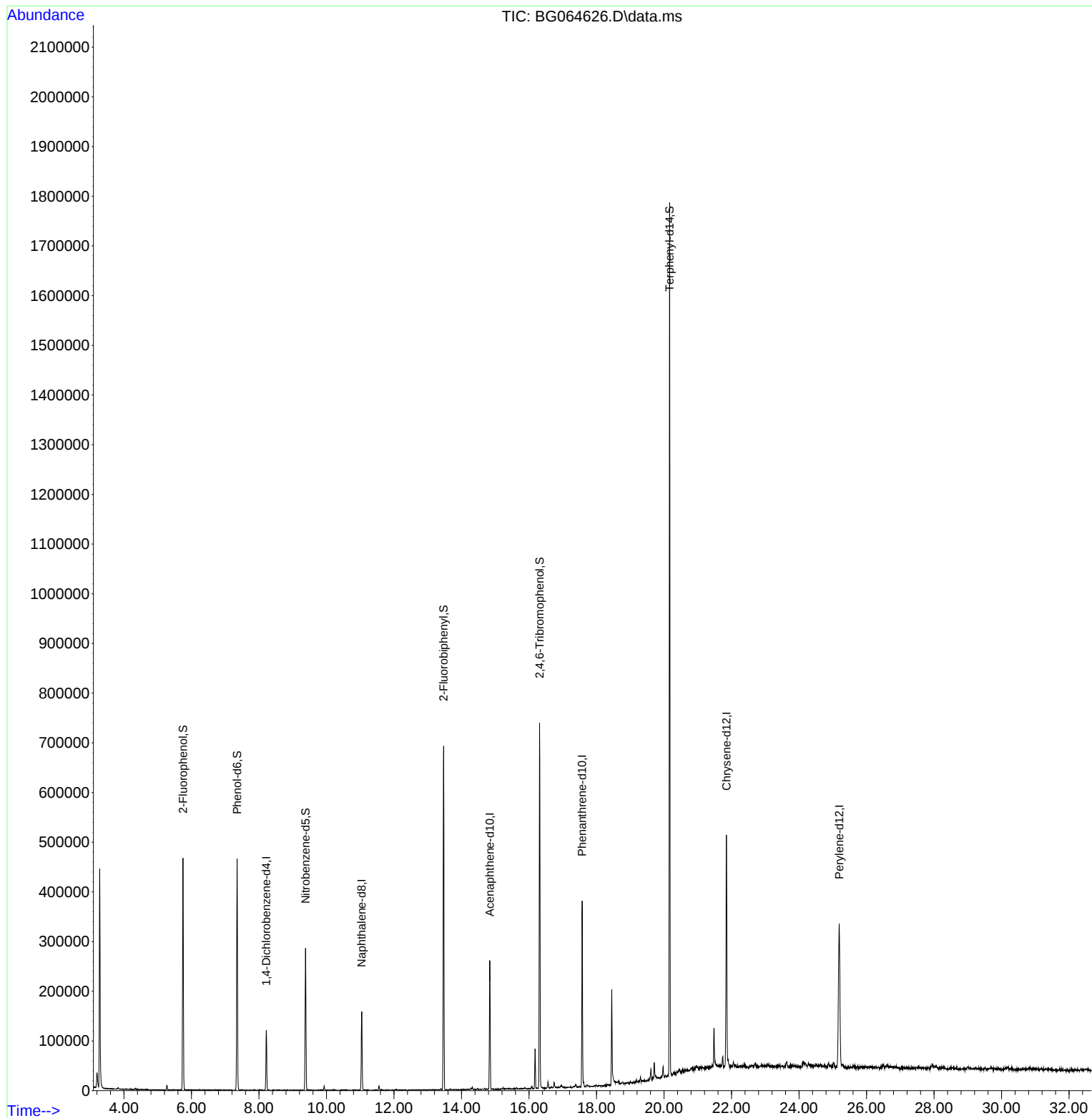
Target Compounds	Qvalue

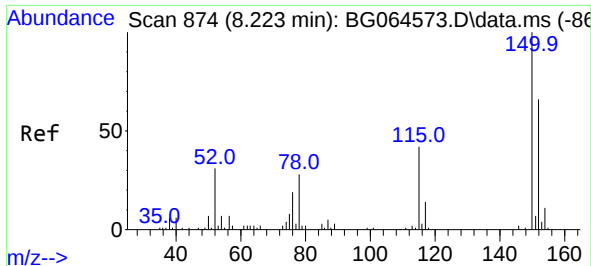
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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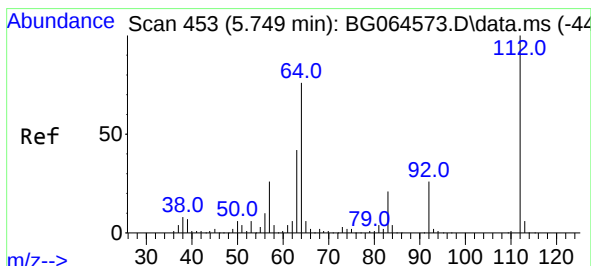
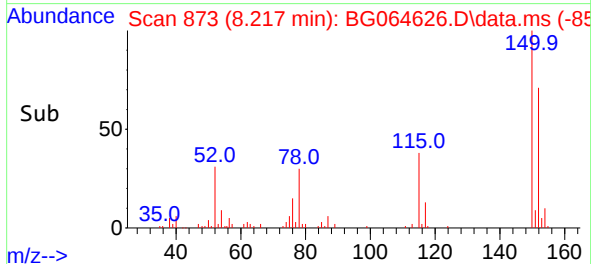
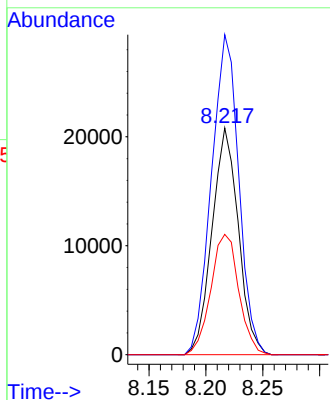
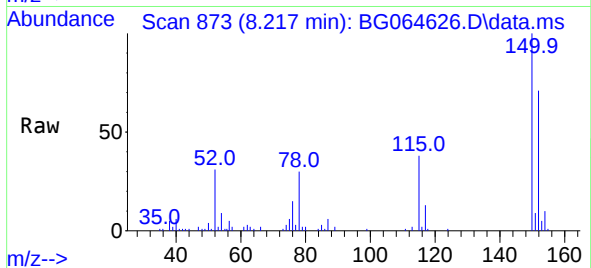




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

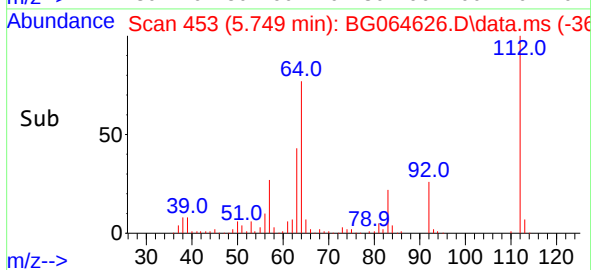
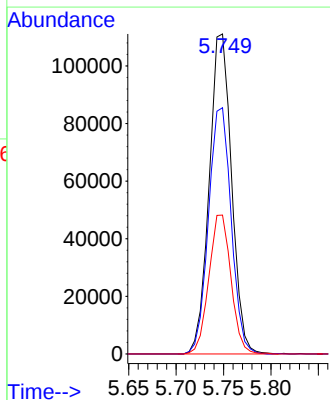
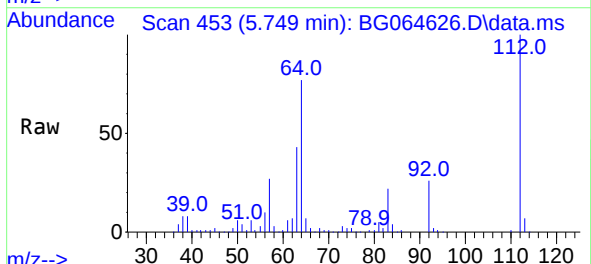
Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021

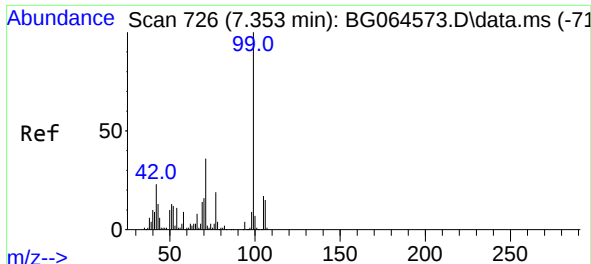
Tgt Ion:152 Resp: 33527
Ion Ratio Lower Upper
152 100
150 141.1 122.2 183.4
115 53.1 50.8 76.2



#5
2-Fluorophenol
Concen: 91.245 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

Tgt Ion:112 Resp: 182256
Ion Ratio Lower Upper
112 100
64 77.0 60.7 91.1
63 43.4 33.4 50.0



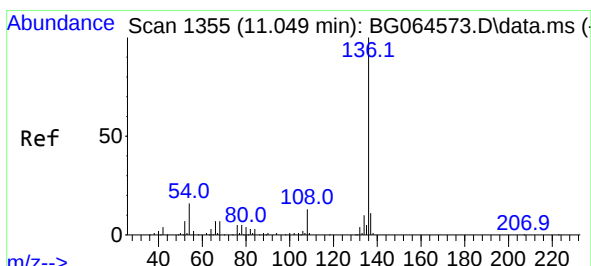
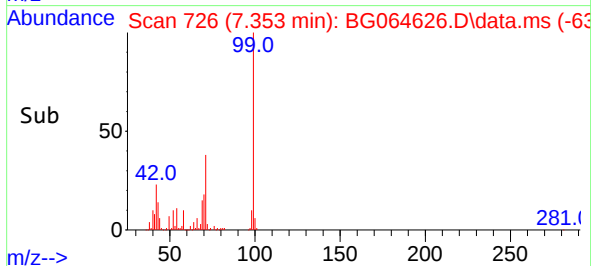
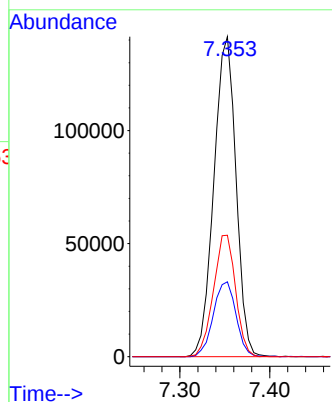
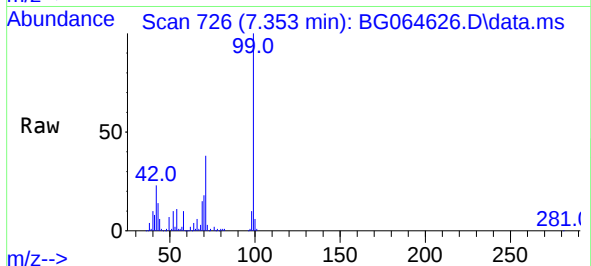


#7
Phenol-d6
Concen: 88.111 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021

Tgt Ion: 99 Resp: 241505

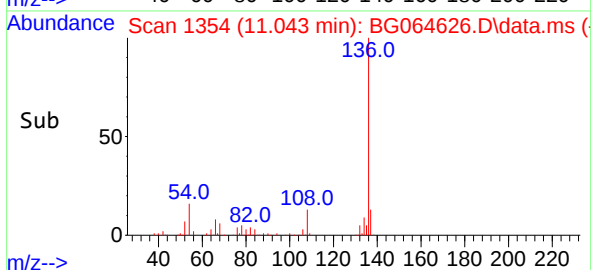
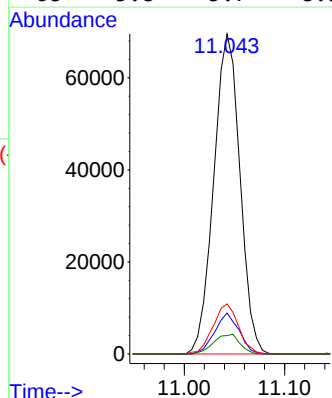
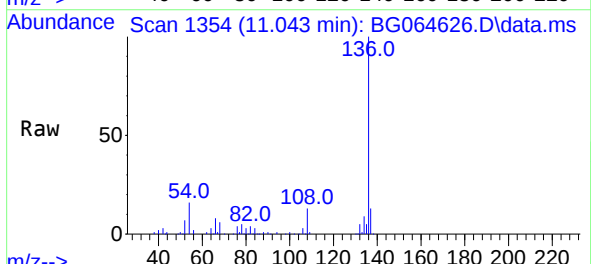
Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.3	27.5
71	38.0	28.6	43.0

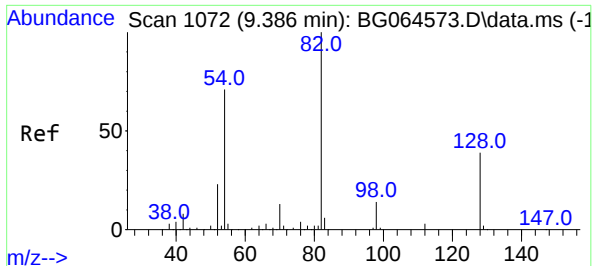


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

Tgt Ion: 136 Resp: 125721

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	15.6	12.6	19.0
68	5.8	5.7	8.5





#23

Nitrobenzene-d5

Concen: 73.982 ng

RT: 9.380 min Scan# 10

Delta R.T. -0.010 min

Lab File: BG064626.D

Acq: 29 Oct 2025 16:53

Instrument :

BNA_G

ClientSampleId :

PR-132-S16-015094-20251021

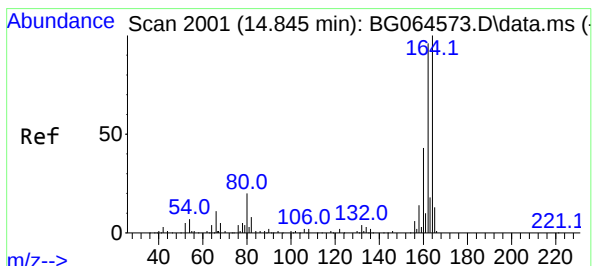
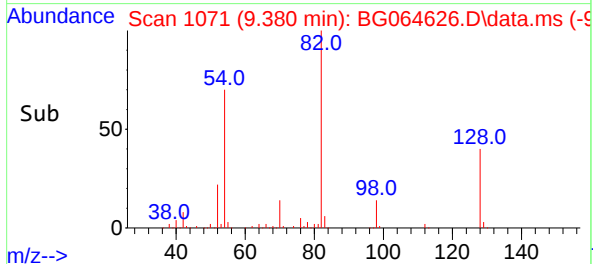
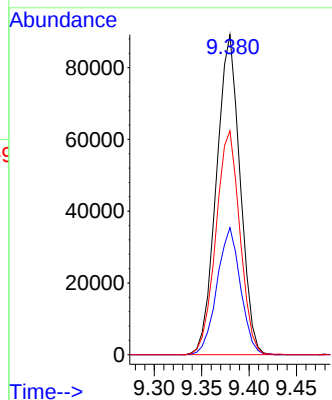
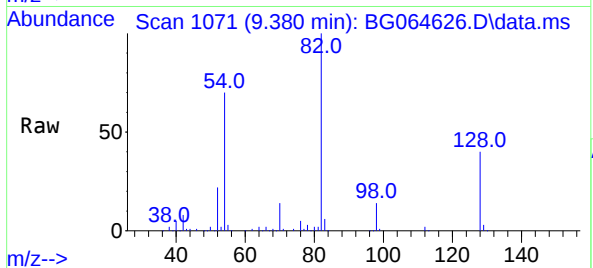
Tgt Ion: 82 Resp: 154857

Ion Ratio Lower Upper

82 100

128 39.7 31.3 46.9

54 70.0 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064626.D

Acq: 29 Oct 2025 16:53

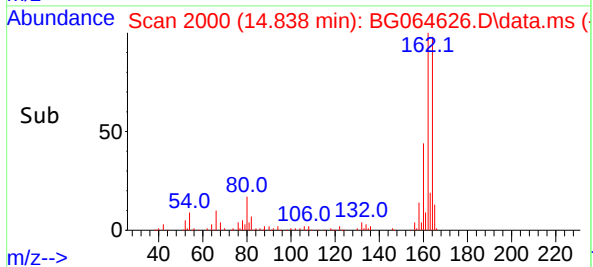
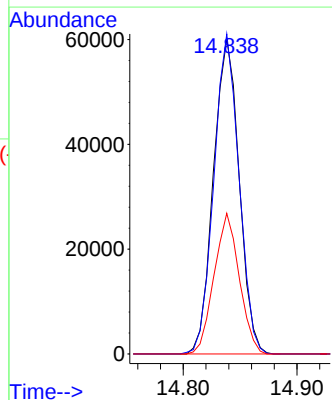
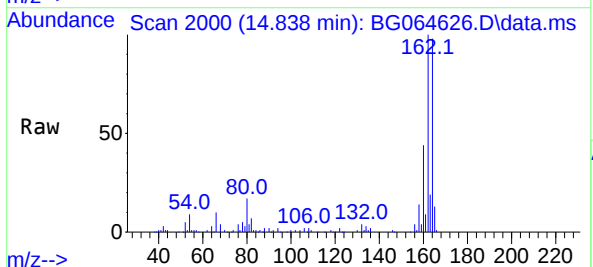
Tgt Ion:164 Resp: 94531

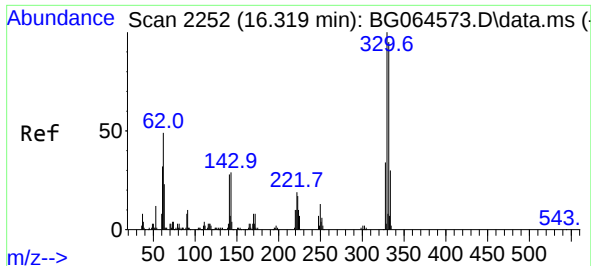
Ion Ratio Lower Upper

164 100

162 101.5 77.0 115.6

160 44.6 34.4 51.6

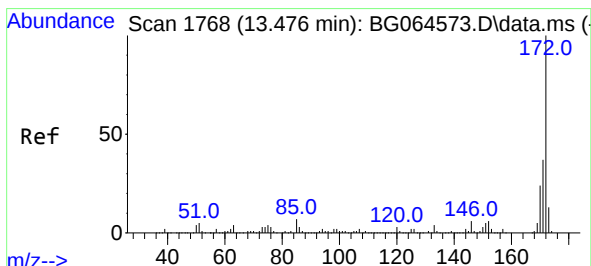
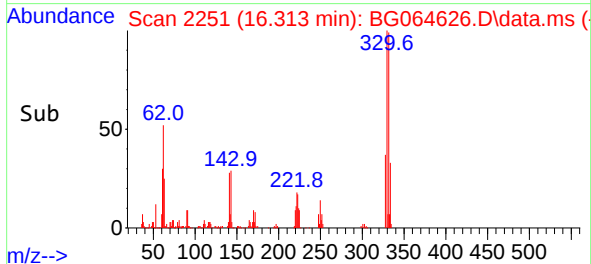
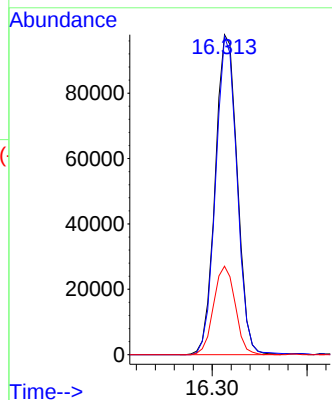
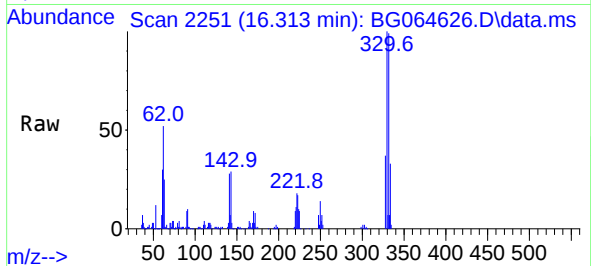




#42
2,4,6-Tribromophenol
Concen: 115.747 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

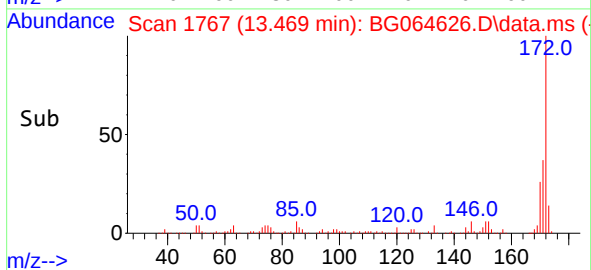
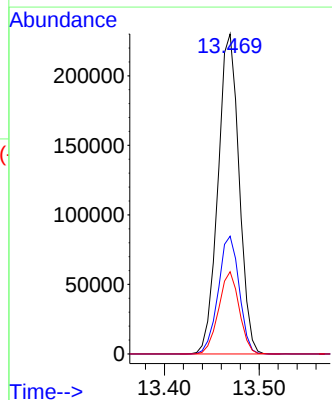
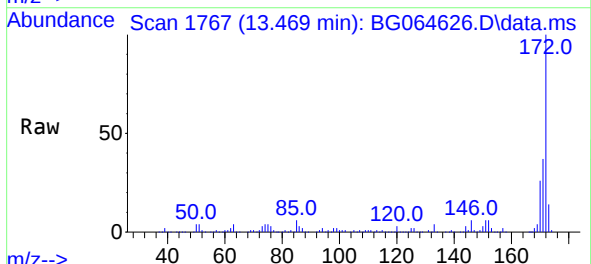
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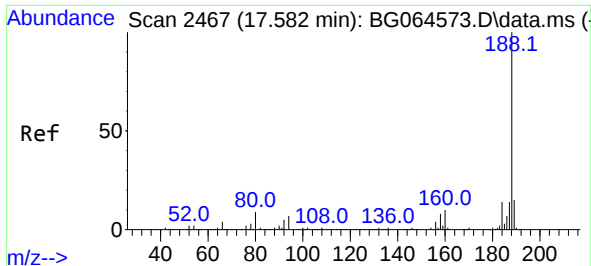
Tgt Ion:330 Resp: 157922
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 27.1 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 57.023 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

Tgt Ion:172 Resp: 355630
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 25.7 19.1 28.7

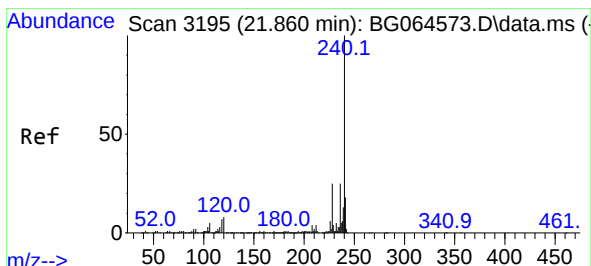
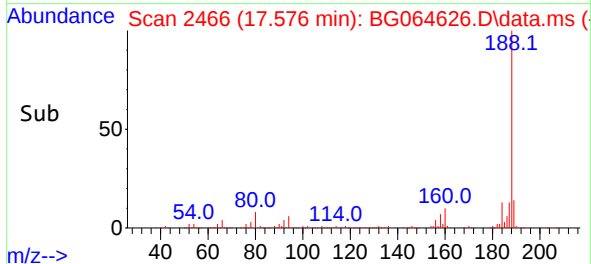
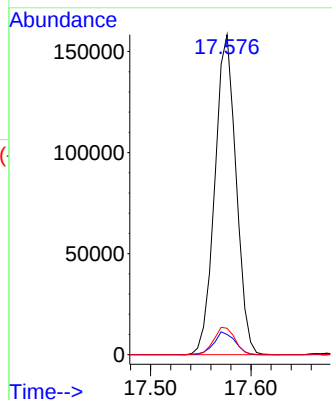
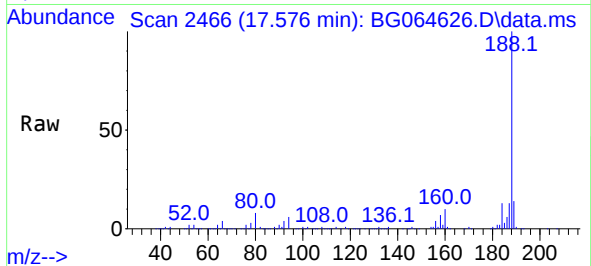




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

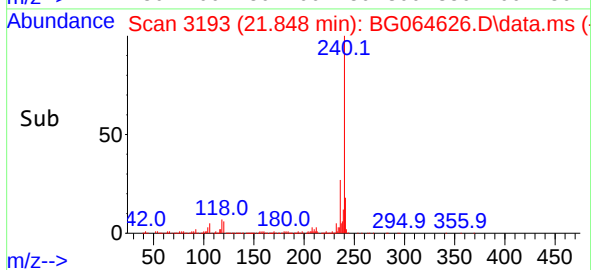
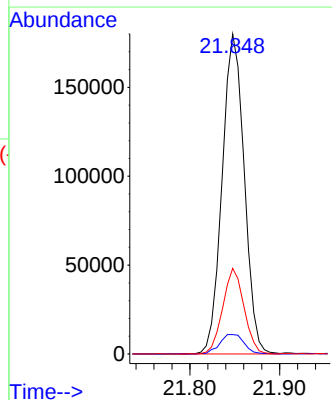
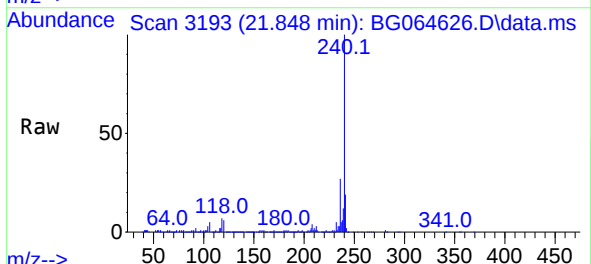
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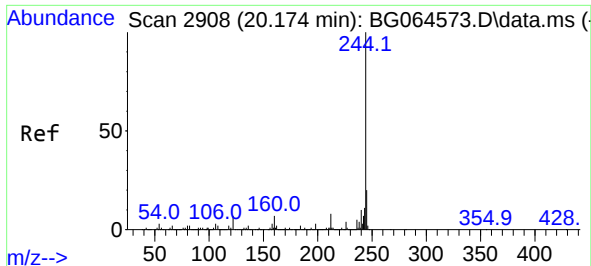
Tgt Ion:188 Resp: 232719
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 8.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064626.D
Acq: 29 Oct 2025 16:53

Tgt Ion:240 Resp: 307543
Ion Ratio Lower Upper
240 100
120 6.1 6.5 9.7#
236 26.7 20.2 30.2

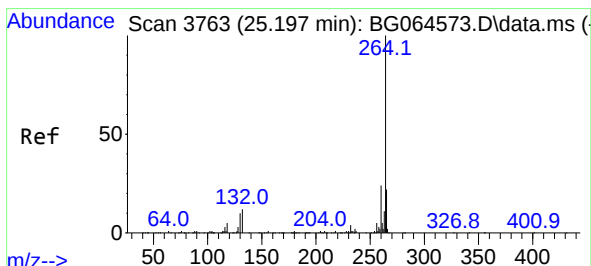
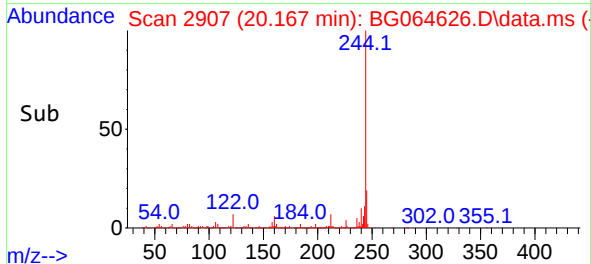
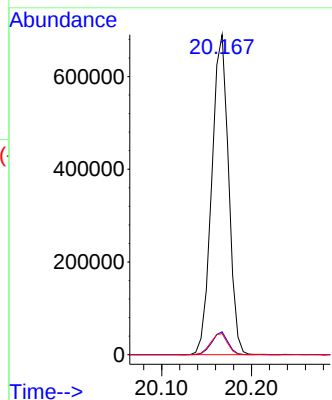
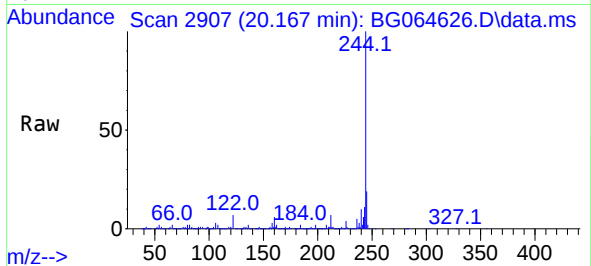




#79
 Terphenyl-d14
 Concen: 55.014 ng
 RT: 20.167 min Scan# 2907
 Delta R.T. -0.010 min
 Lab File: BG064626.D
 Acq: 29 Oct 2025 16:53

Instrument :
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Tgt Ion:244 Resp: 896538
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG064626.D
 Acq: 29 Oct 2025 16:53

Tgt Ion:264 Resp: 344921
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 21.4 17.6 26.4

