

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064619.D
 Acq On : 29 Oct 2025 12:03
 Operator : RC/JU
 Sample : PB170285BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170285BL

Quant Time: Oct 29 12:43:09 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	8.216	152	31966	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	126218	20.000	ng	-0.01
39) Acenaphthene-d10	14.838	164	100016	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	253171	20.000	ng	0.00
76) Chrysene-d12	21.847	240	318569	20.000	ng	-0.02
86) Perylene-d12	25.191	264	365282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	281567	147.847	ng	0.00
7) Phenol-d6	7.353	99	368638	141.063	ng	0.00
23) Nitrobenzene-d5	9.380	82	225643	107.375	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	234059	162.143	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	627891	95.157	ng	0.00
79) Terphenyl-d14	20.167	244	1533731	90.856	ng	0.00

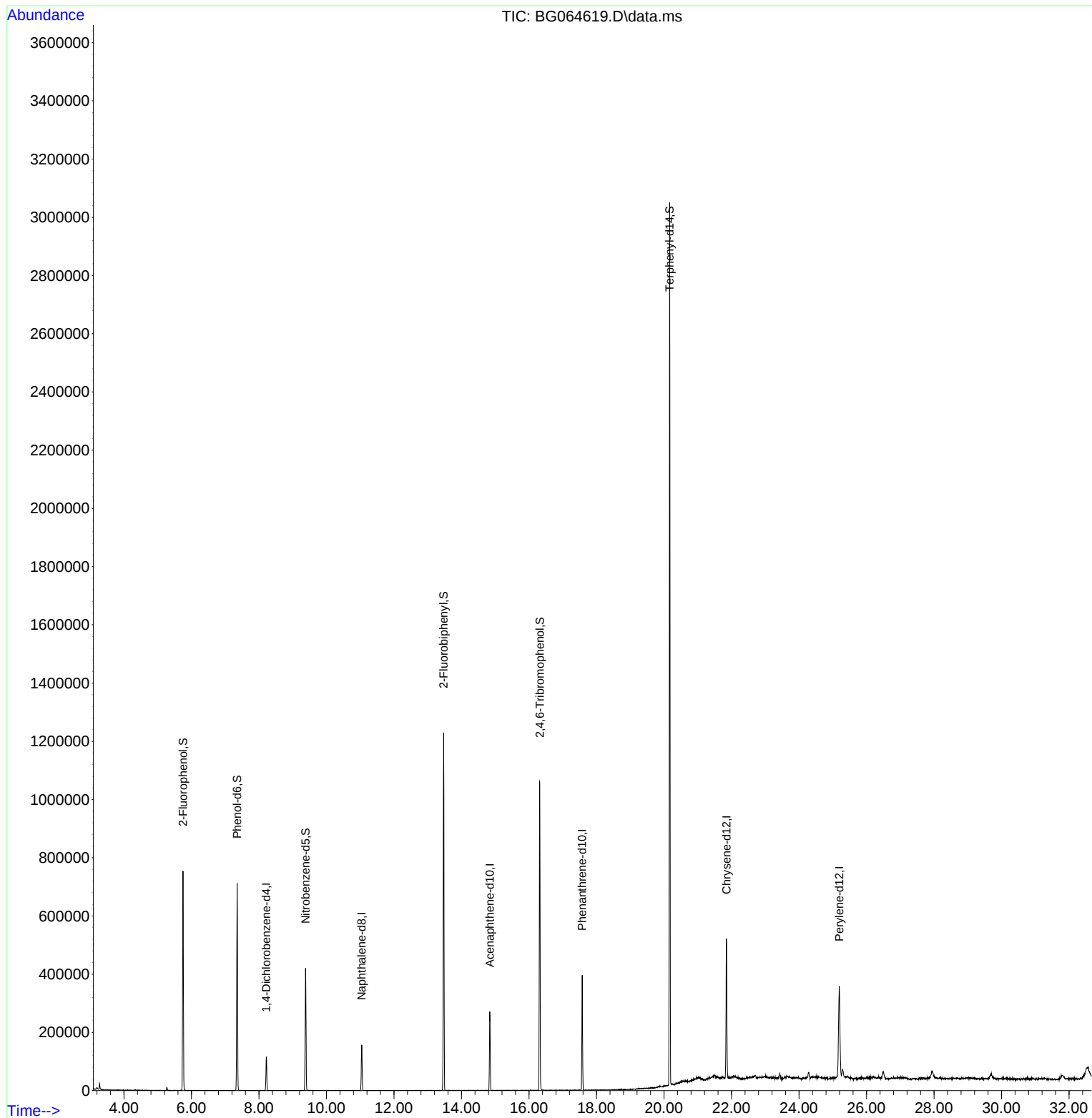
Target Compounds	Qvalue

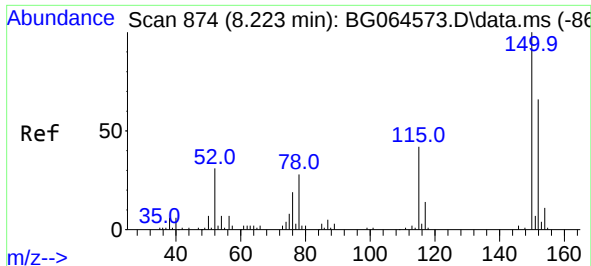
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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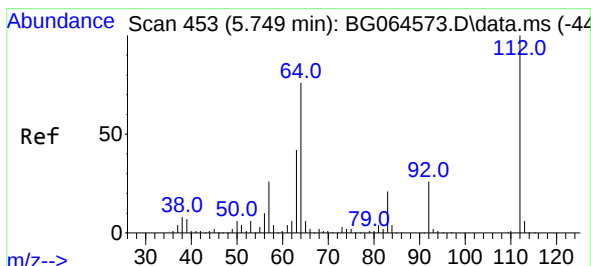
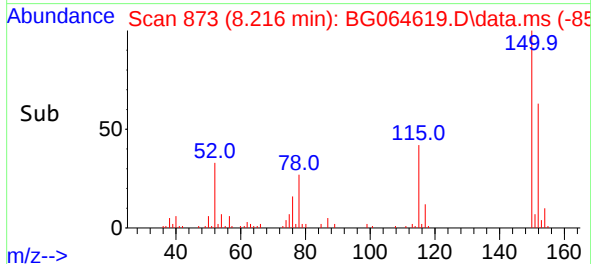
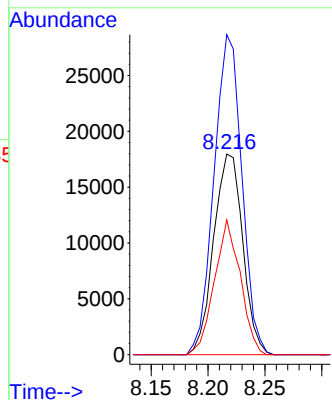
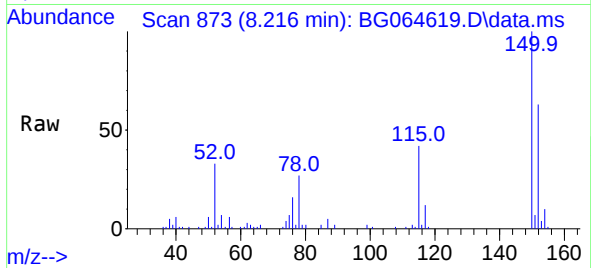




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

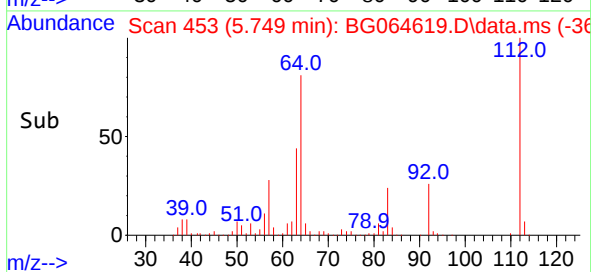
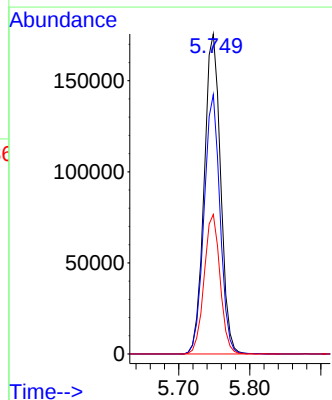
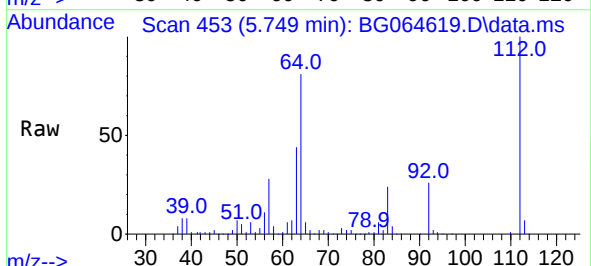
Instrument :
BNA_G
ClientSampleId :
PB170285BL

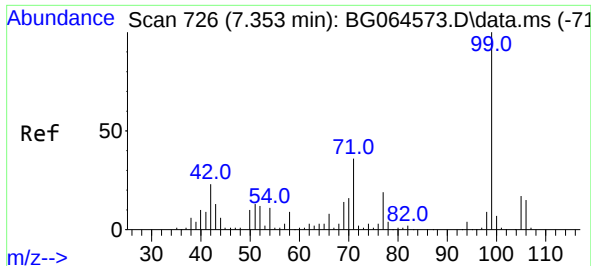
Tgt Ion:152 Resp: 31966
Ion Ratio Lower Upper
152 100
150 159.5 122.2 183.4
115 67.2 50.8 76.2



#5
2-Fluorophenol
Concen: 147.847 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:112 Resp: 281567
Ion Ratio Lower Upper
112 100
64 81.1 60.7 91.1
63 43.6 33.4 50.0

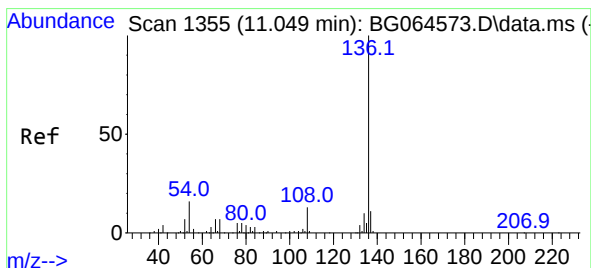
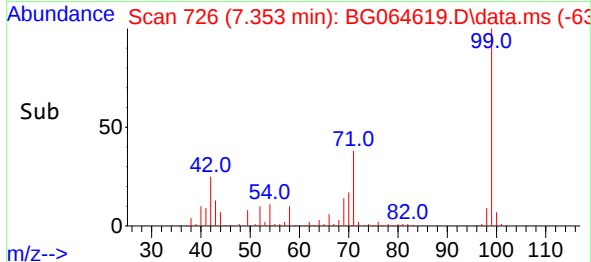
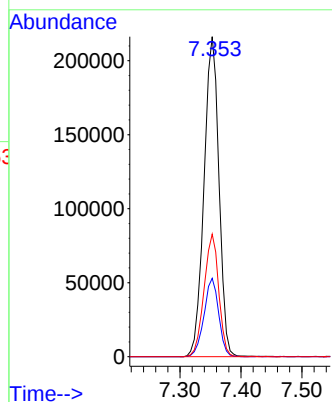
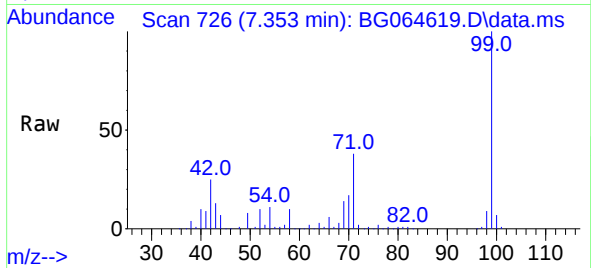




#7
Phenol-d6
Concen: 141.063 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

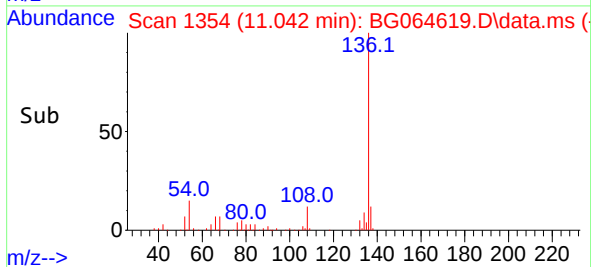
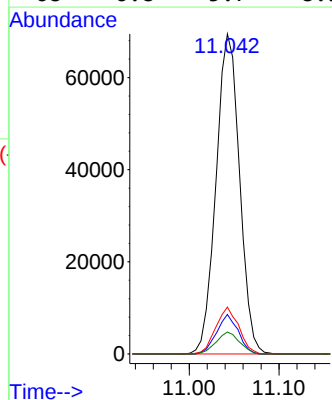
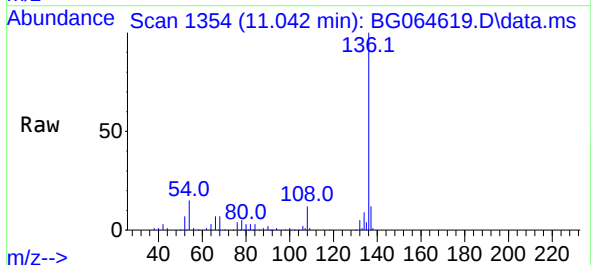
Instrument :
BNA_G
ClientSampleId :
PB170285BL

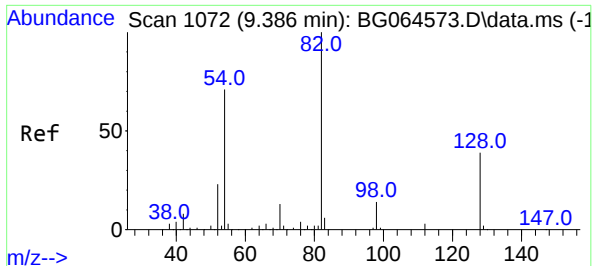
Tgt Ion: 99 Resp: 368638
Ion Ratio Lower Upper
99 100
42 24.5 18.3 27.5
71 38.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:136 Resp: 126218
Ion Ratio Lower Upper
136 100
137 12.3 9.2 13.8
54 14.6 12.6 19.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 107.375 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064619.D

Acq: 29 Oct 2025 12:03

Instrument :

BNA_G

ClientSampleId :

PB170285BL

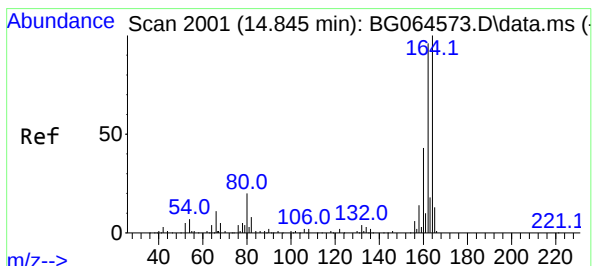
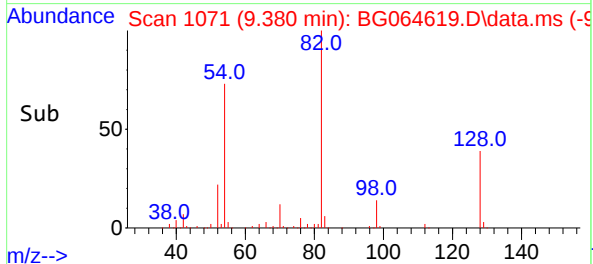
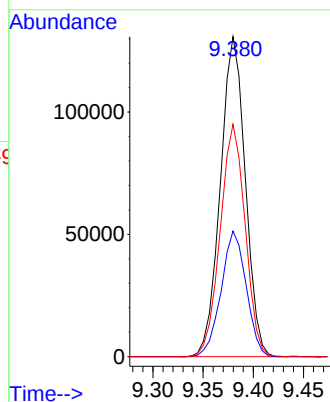
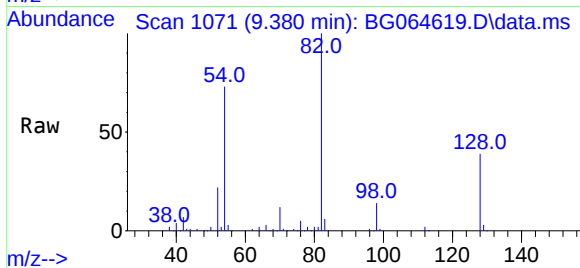
Tgt Ion: 82 Resp: 225643

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

54 72.7 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: BG064619.D

Acq: 29 Oct 2025 12:03

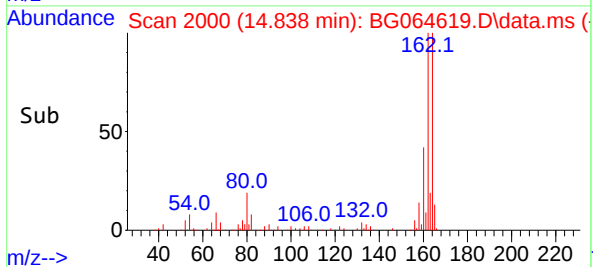
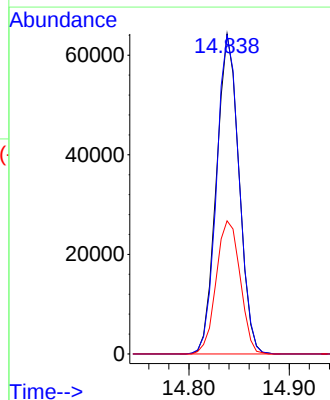
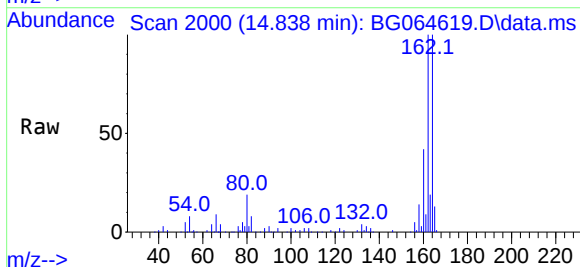
Tgt Ion:164 Resp: 100016

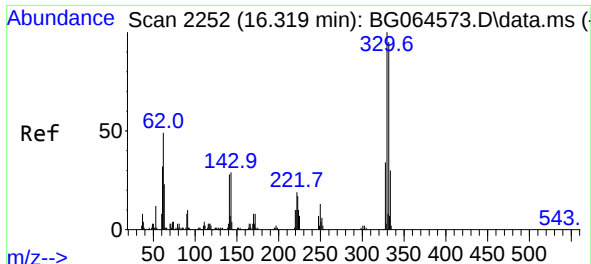
Ion Ratio Lower Upper

164 100

162 99.5 77.0 115.6

160 41.6 34.4 51.6

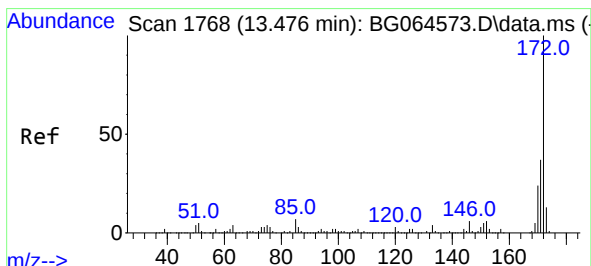
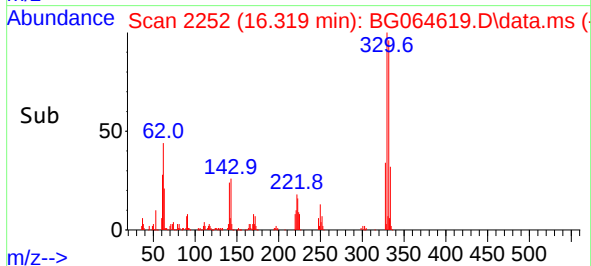
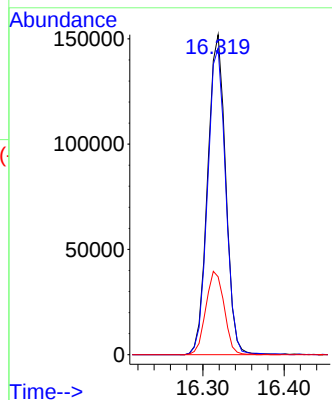
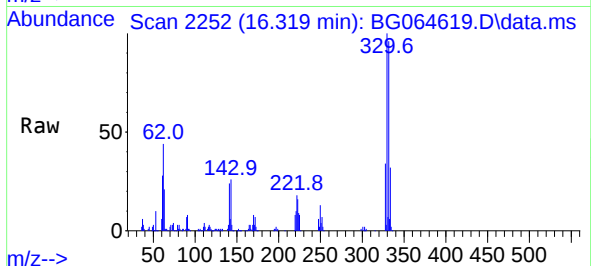




#42
2,4,6-Tribromophenol
Concen: 162.143 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

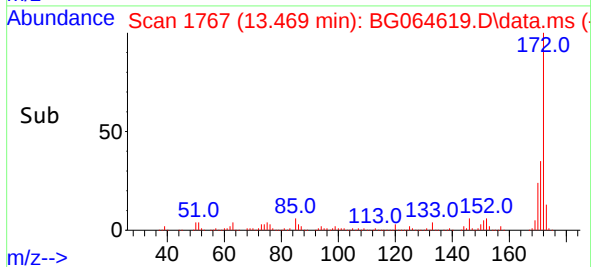
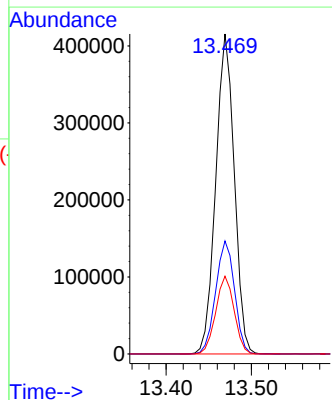
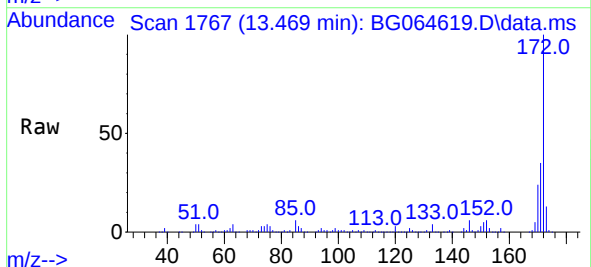
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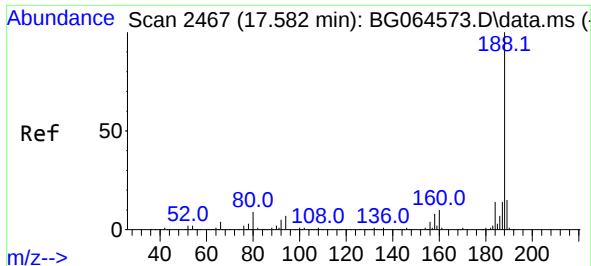
Tgt Ion:330 Resp: 234059
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 26.5 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 95.157 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:172 Resp: 627891
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 24.3 19.1 28.7

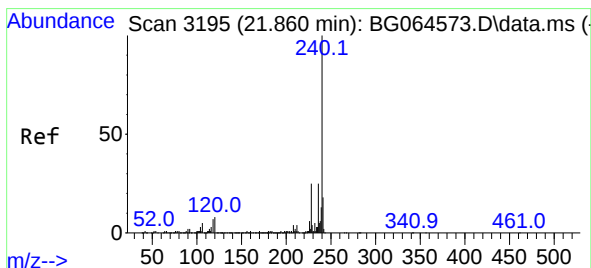
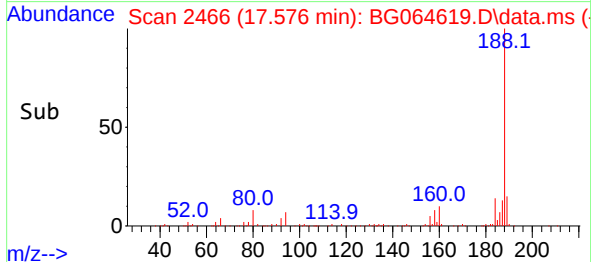
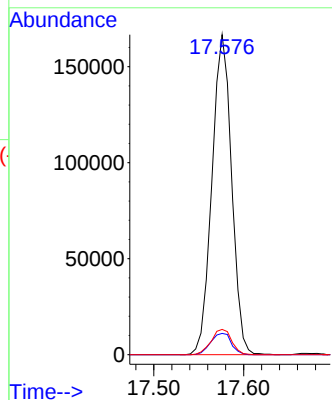
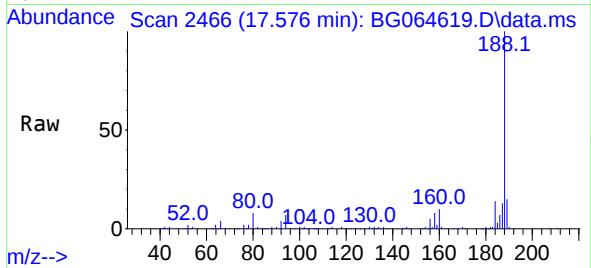




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

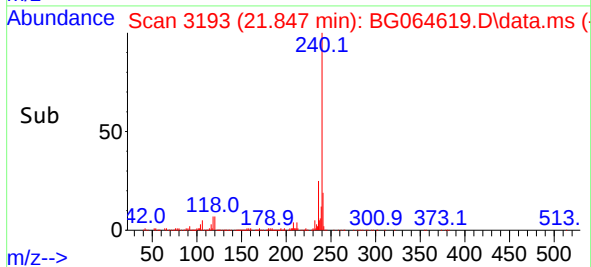
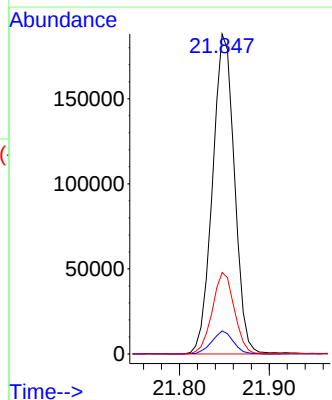
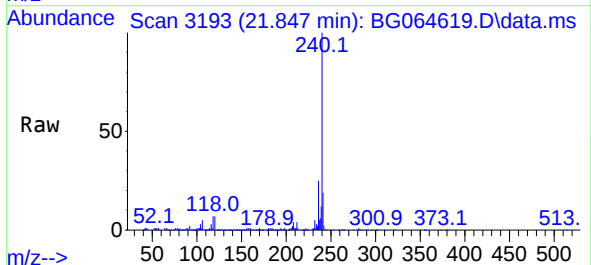
Instrument :
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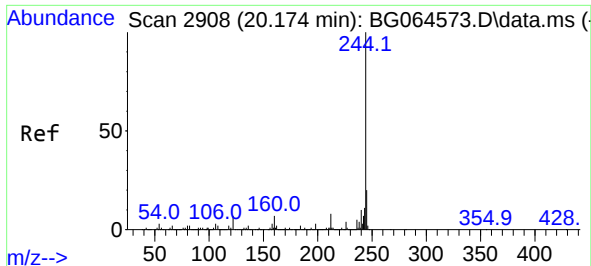
Tgt Ion:188 Resp: 253171
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.847 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064619.D
Acq: 29 Oct 2025 12:03

Tgt Ion:240 Resp: 318569
Ion Ratio Lower Upper
240 100
120 7.2 6.5 9.7
236 25.5 20.2 30.2

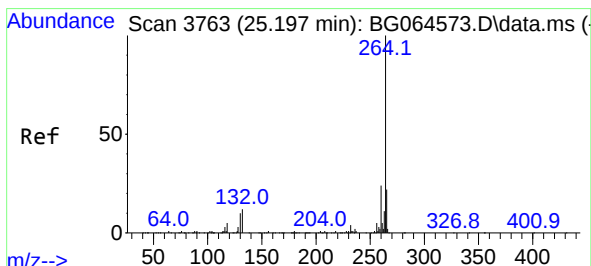
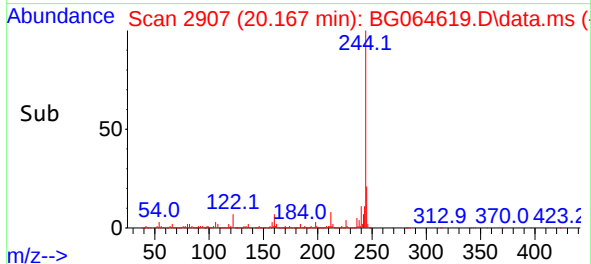
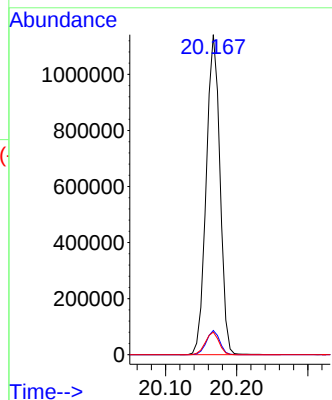
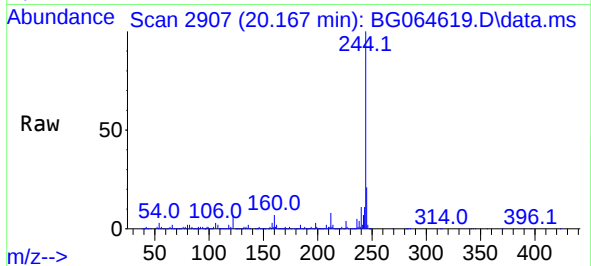




#79
 Terphenyl-d14
 Concen: 90.856 ng
 RT: 20.167 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BG064619.D
 Acq: 29 Oct 2025 12:03

Instrument :
 BNA_G
 ClientSampleId :
 PB170285BL

Tgt Ion:244 Resp: 1533731
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 7.0 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: BG064619.D
 Acq: 29 Oct 2025 12:03

Tgt Ion:264 Resp: 365282
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.3 17.6 26.4

