

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064605.D
 Acq On : 28 Oct 2025 17:13
 Operator : RC/JU
 Sample : Q3451-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Oct 28 17:49:36 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	8.216	152	37823	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	134572	20.000	ng	-0.01
39) Acenaphthene-d10	14.838	164	94334	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	228206	20.000	ng	0.00
76) Chrysene-d12	21.847	240	306261	20.000	ng	-0.02
86) Perylene-d12	25.190	264	331023	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.748	112	299811	133.049	ng	0.00
7) Phenol-d6	7.352	99	339718	109.866	ng	0.00
23) Nitrobenzene-d5	9.379	82	238628	106.505	ng	-0.01
42) 2,4,6-Tribromophenol	16.312	330	211063	155.020	ng	-0.01
45) 2-Fluorobiphenyl	13.469	172	575985	92.548	ng	-0.01
79) Terphenyl-d14	20.167	244	1439632	88.709	ng	-0.01

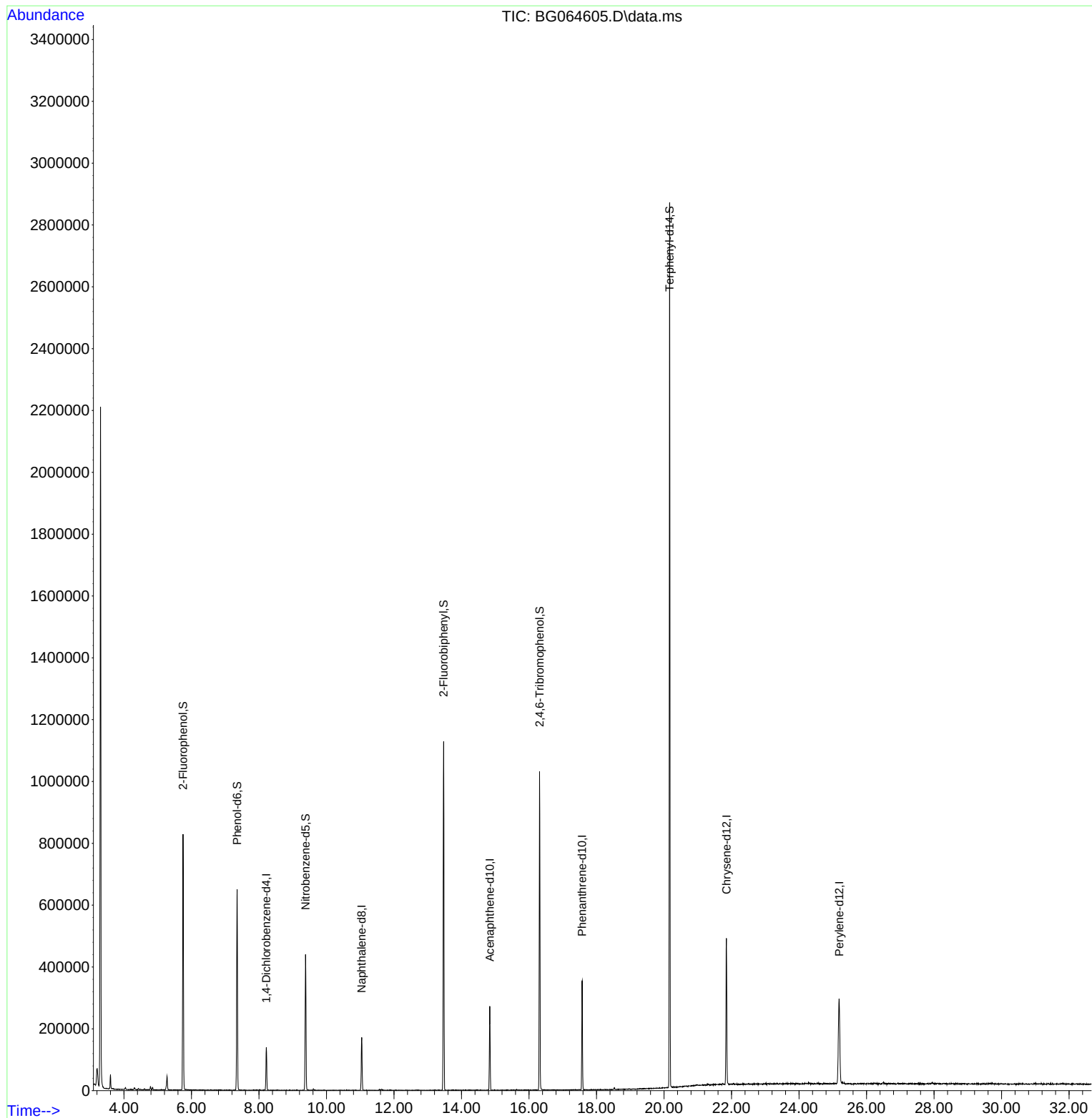
Target Compounds	Qvalue

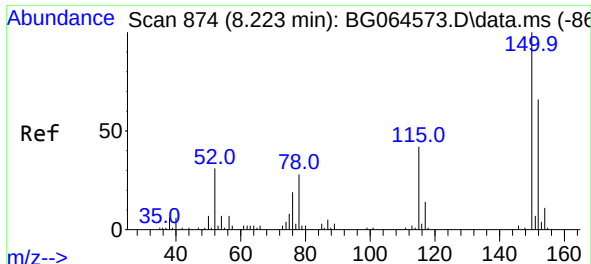
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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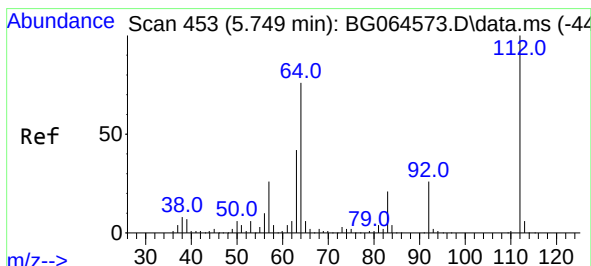
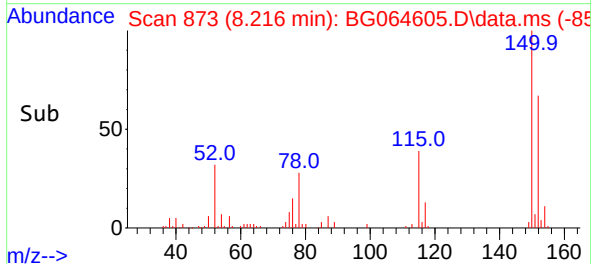
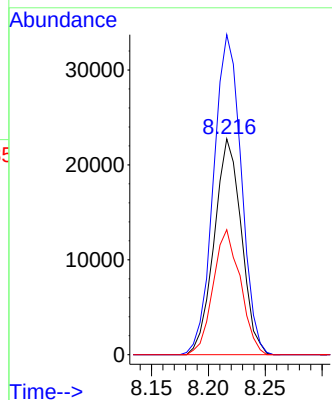
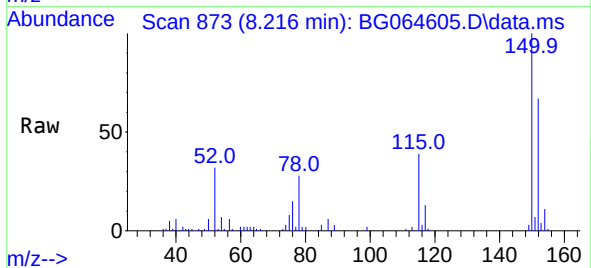




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

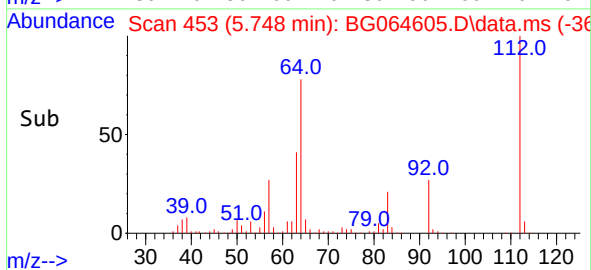
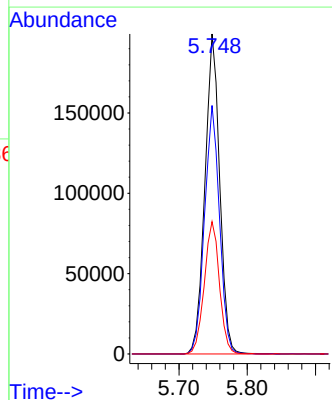
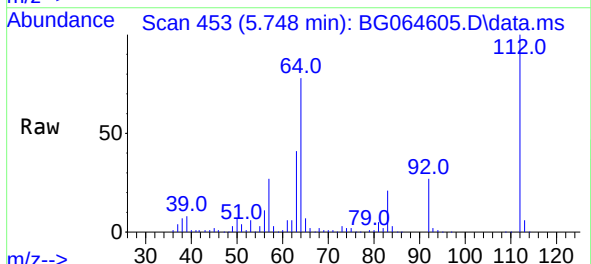
Instrument :
BNA_G
ClientSampleId :
TP-11

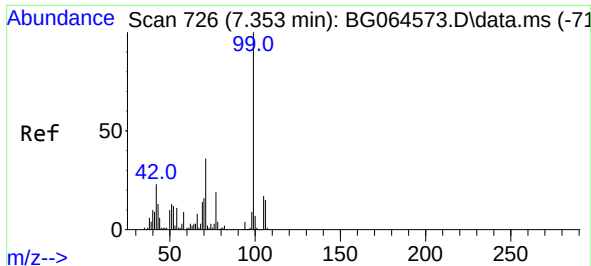
Tgt Ion:152 Resp: 37823
Ion Ratio Lower Upper
152 100
150 148.3 122.2 183.4
115 57.9 50.8 76.2



#5
2-Fluorophenol
Concen: 133.049 ng
RT: 5.748 min Scan# 453
Delta R.T. 0.001 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:112 Resp: 299811
Ion Ratio Lower Upper
112 100
64 77.7 60.7 91.1
63 41.4 33.4 50.0





#7
Phenol-d6
Concen: 109.866 ng
RT: 7.352 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

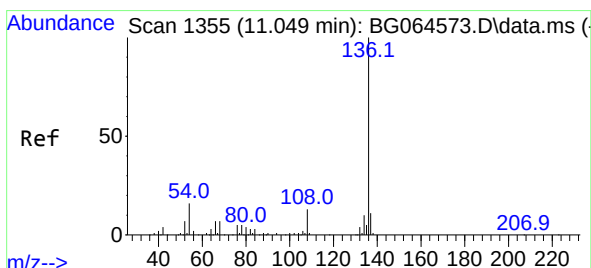
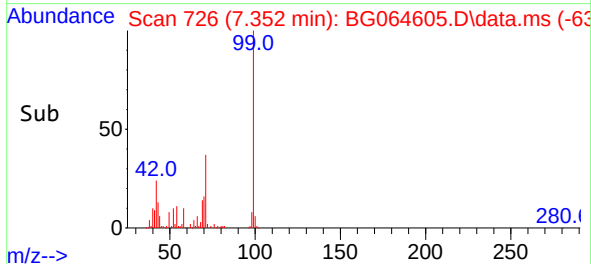
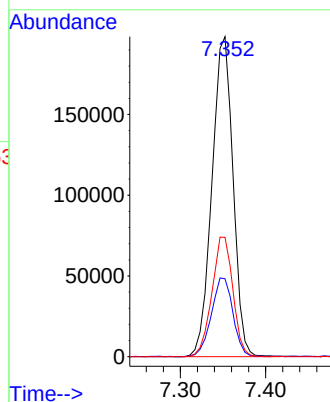
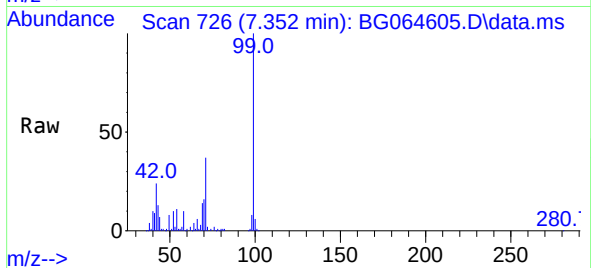
Instrument :

BNA_G

ClientSampleId :

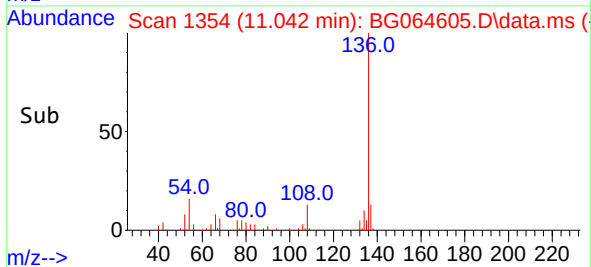
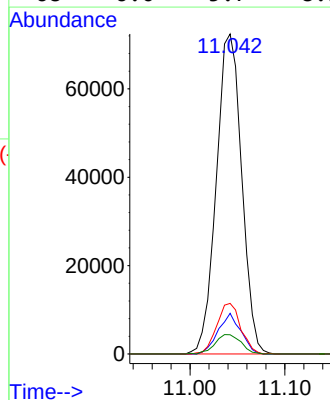
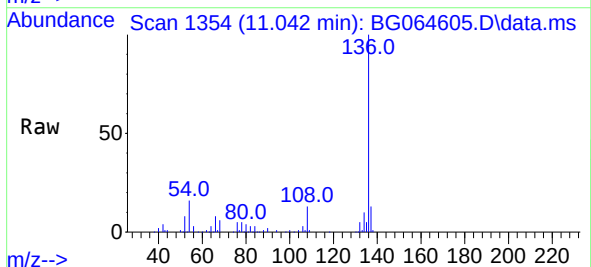
TP-11

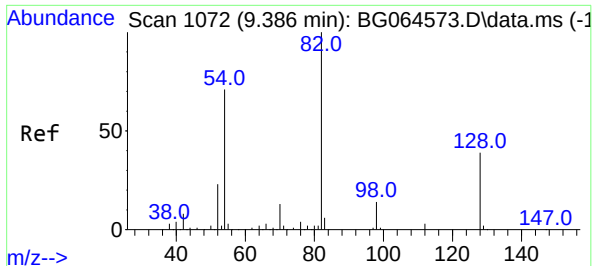
Tgt Ion: 99 Resp: 339718
Ion Ratio Lower Upper
99 100
42 24.4 18.3 27.5
71 37.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:136 Resp: 134572
Ion Ratio Lower Upper
136 100
137 12.7 9.2 13.8
54 15.8 12.6 19.0
68 6.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 106.505 ng

RT: 9.379 min Scan# 1071

Delta R.T. -0.011 min

Lab File: BG064605.D

Acq: 28 Oct 2025 17:13

Instrument :

BNA_G

ClientSampleId :

TP-11

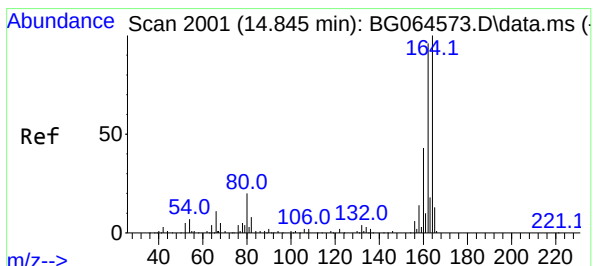
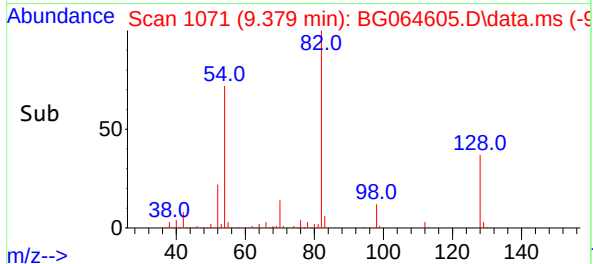
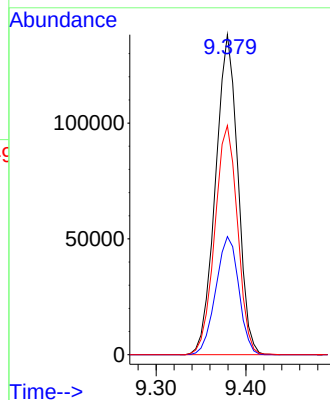
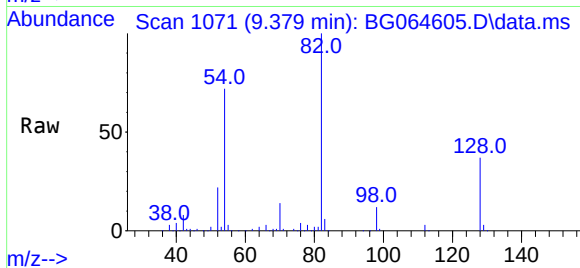
Tgt Ion: 82 Resp: 238628

Ion Ratio Lower Upper

82 100

128 36.9 31.3 46.9

54 71.6 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: BG064605.D

Acq: 28 Oct 2025 17:13

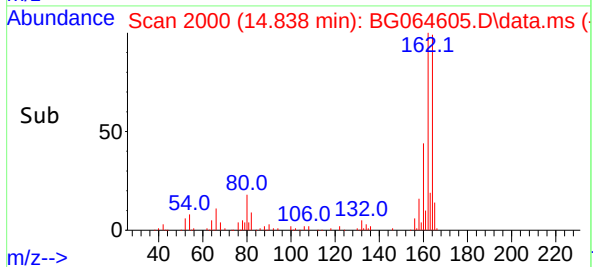
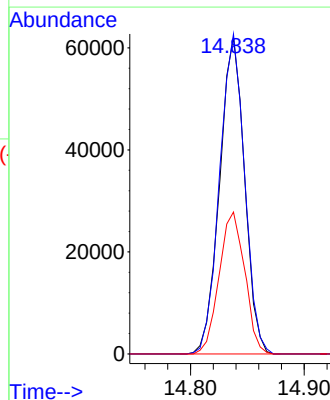
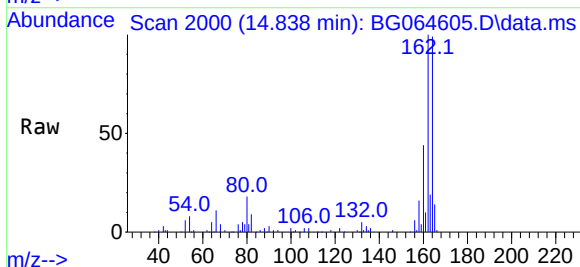
Tgt Ion:164 Resp: 94334

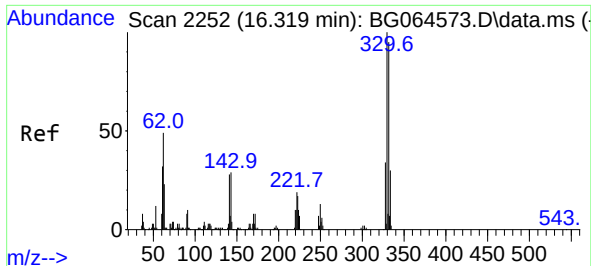
Ion Ratio Lower Upper

164 100

162 101.1 77.0 115.6

160 44.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 155.020 ng

RT: 16.312 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG064605.D

Acq: 28 Oct 2025 17:13

Instrument :

BNA_G

ClientSampleId :

TP-11

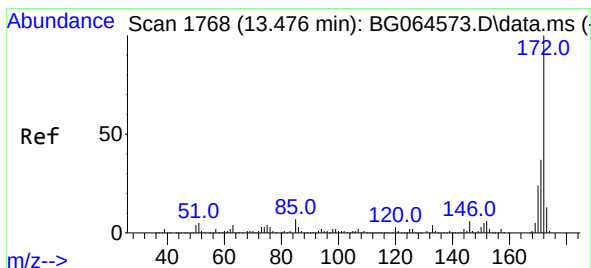
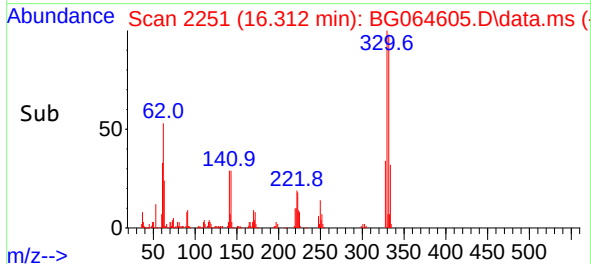
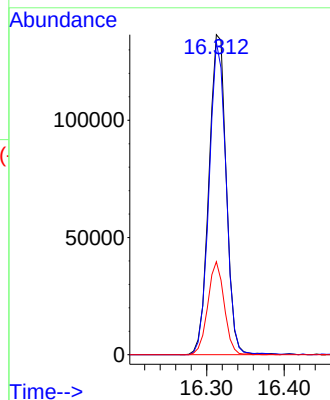
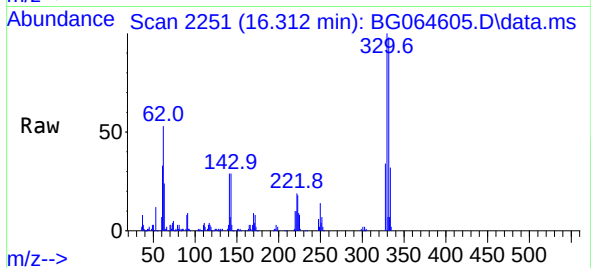
Tgt Ion:330 Resp: 211063

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

141 27.6 21.8 32.6



#45

2-Fluorobiphenyl

Concen: 92.548 ng

RT: 13.469 min Scan# 1767

Delta R.T. -0.010 min

Lab File: BG064605.D

Acq: 28 Oct 2025 17:13

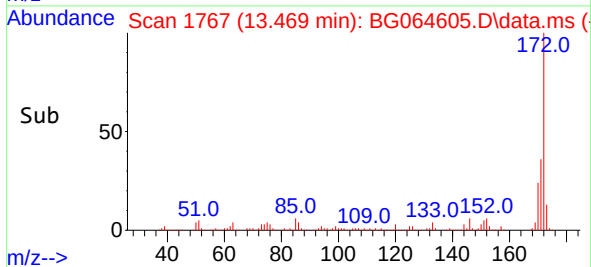
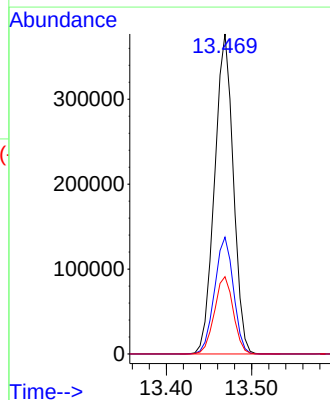
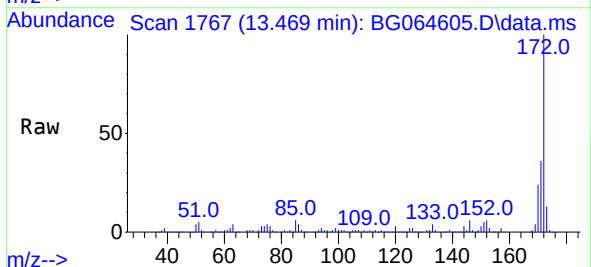
Tgt Ion:172 Resp: 575985

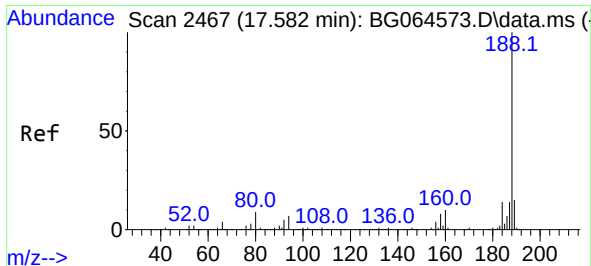
Ion Ratio Lower Upper

172 100

171 36.5 29.4 44.0

170 24.1 19.1 28.7

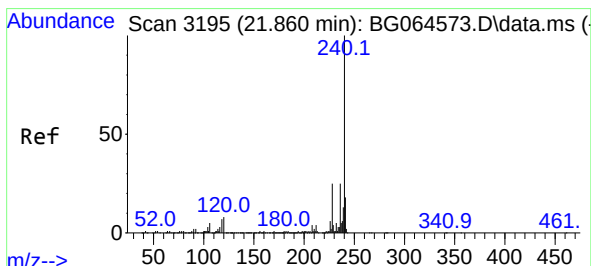
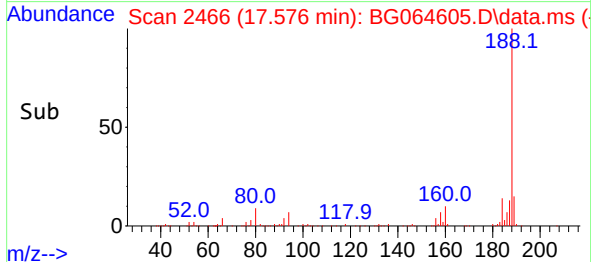
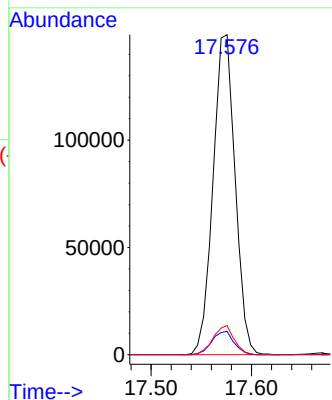
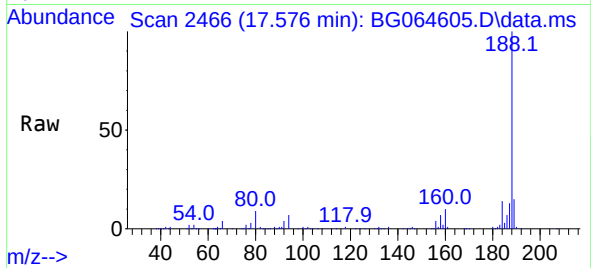




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

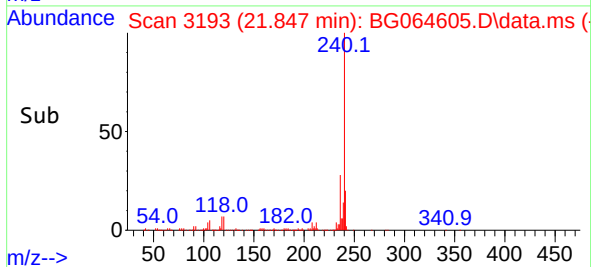
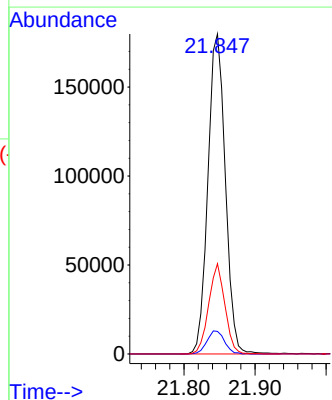
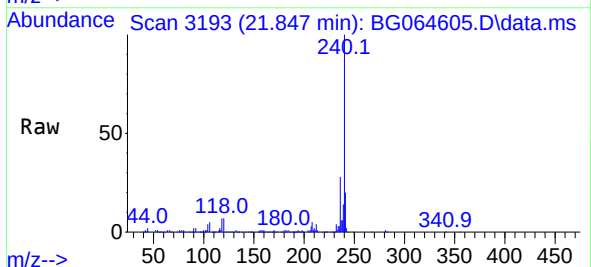
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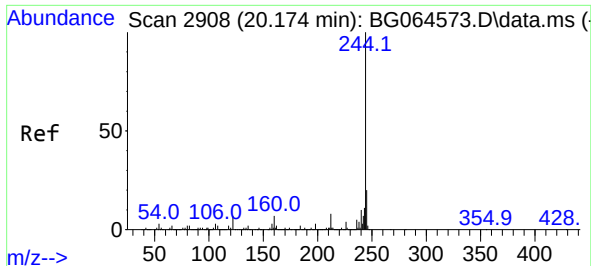
Tgt Ion:188 Resp: 228206
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.847 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064605.D
Acq: 28 Oct 2025 17:13

Tgt Ion:240 Resp: 306261
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 28.2 20.2 30.2

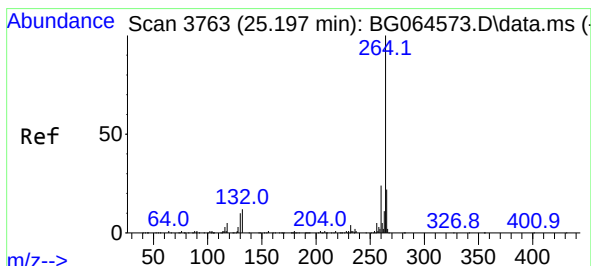
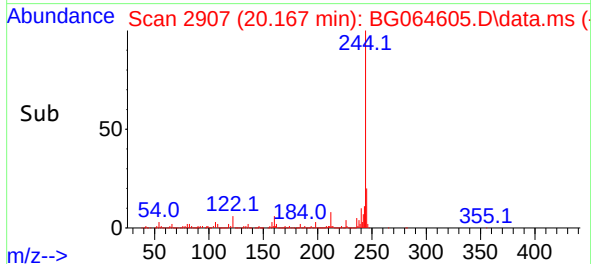
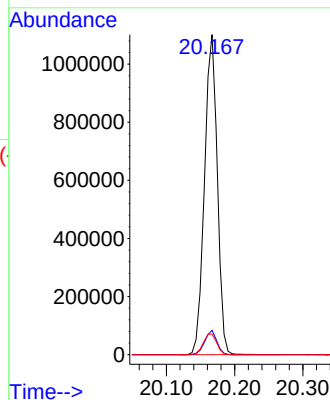
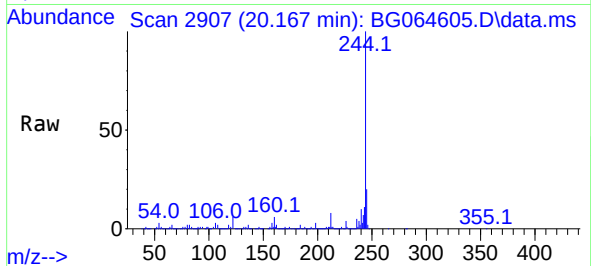




#79
 Terphenyl-d14
 Concen: 88.709 ng
 RT: 20.167 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BG064605.D
 Acq: 28 Oct 2025 17:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 1439632
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 6.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.190 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG064605.D
 Acq: 28 Oct 2025 17:13

Tgt Ion:264 Resp: 331023
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 21.1 17.6 26.4

