

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064941.D
 Acq On : 11 Dec 2025 19:37
 Operator : RC/JU
 Sample : Q3814-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Dec 11 22:43:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	17463	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	64853	20.000	ng	#-0.02
39) Acenaphthene-d10	14.763	164	57032	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	154146	20.000	ng	# 0.00
76) Chrysene-d12	21.743	240	205882	20.000	ng	#-0.01
86) Perylene-d12	24.998	264	219161	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	122319	122.313	ng	0.00
7) Phenol-d6	7.301	99	143209	107.667	ng	0.00
23) Nitrobenzene-d5	9.316	82	106659	81.315	ng	-0.01
42) 2,4,6-Tribromophenol	16.243	330	199470	179.331	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	354765	86.797	ng	-0.01
79) Terphenyl-d14	20.080	244	1091323	104.270	ng	-0.01

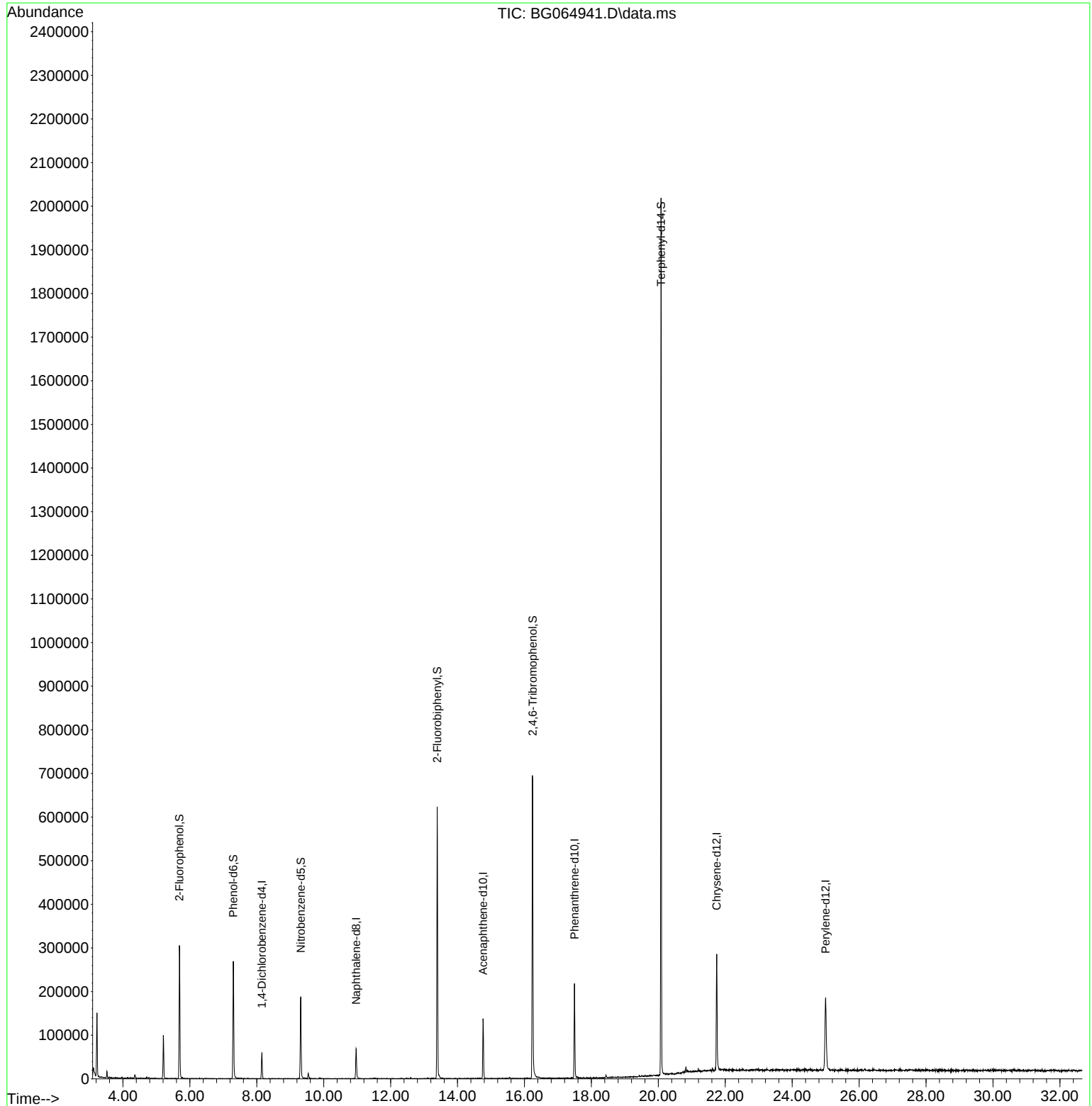
Target Compounds	Qvalue

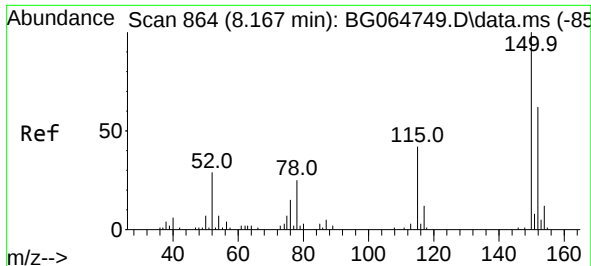
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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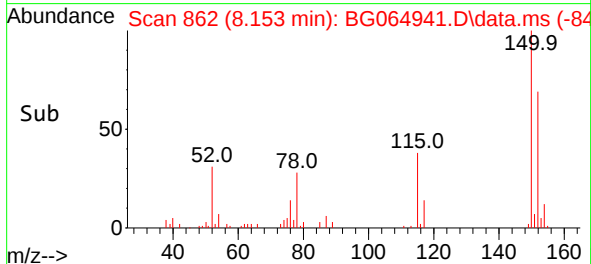
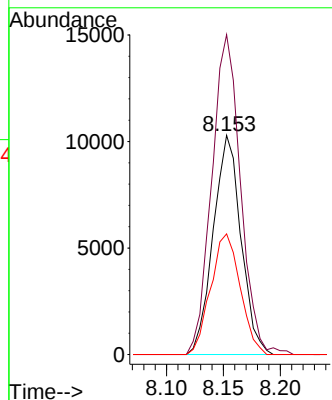
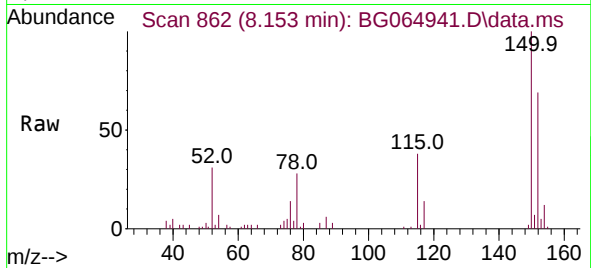




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 862
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

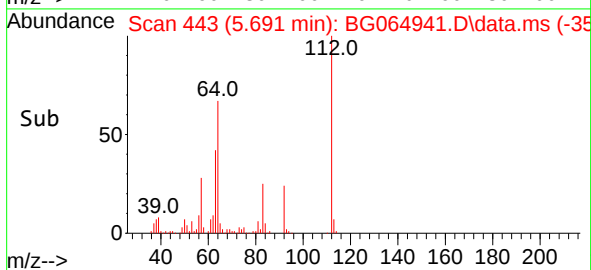
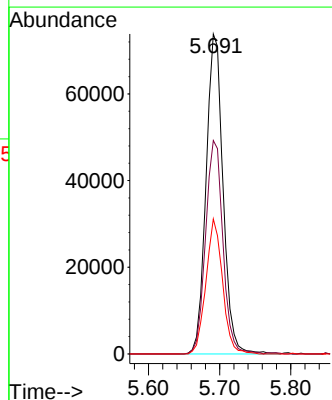
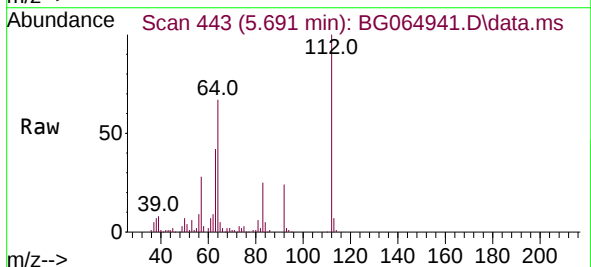
Instrument :
BNA_G
ClientSampleId :
TP-8

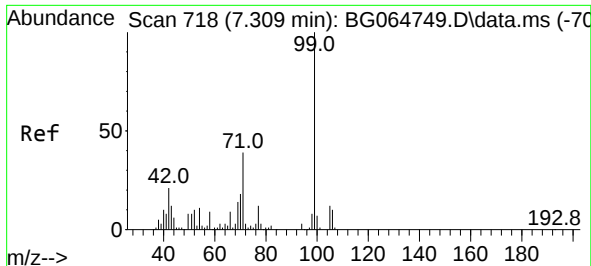
Tgt Ion:152 Resp: 17463
Ion Ratio Lower Upper
152 100
150 145.9 129.2 193.8
115 55.0 53.7 80.5



#5
2-Fluorophenol
Concen: 122.313 ng
RT: 5.691 min Scan# 443
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:112 Resp: 122319
Ion Ratio Lower Upper
112 100
64 66.7 61.0 91.4
63 42.2 33.3 49.9

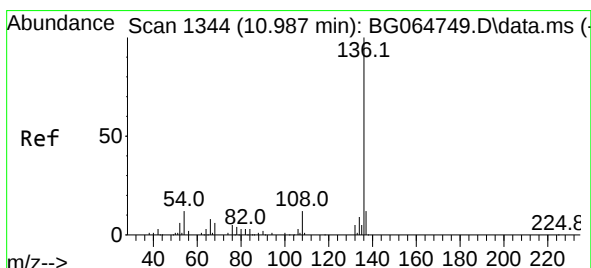
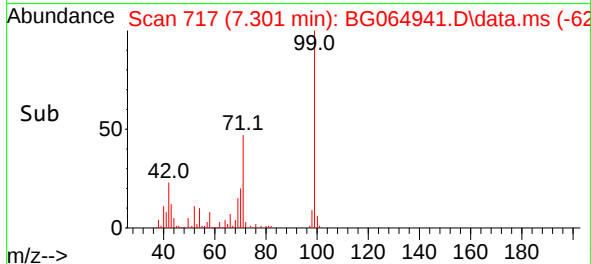
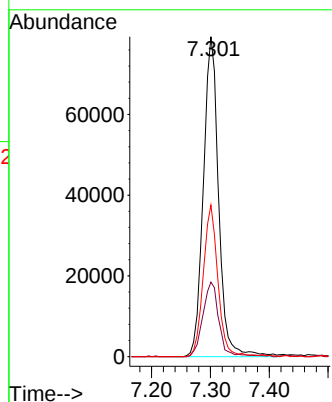
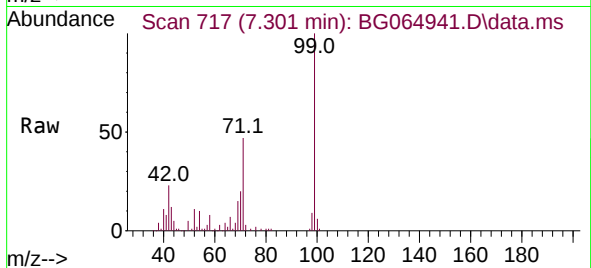




#7
Phenol-d6
Concen: 107.667 ng
RT: 7.301 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

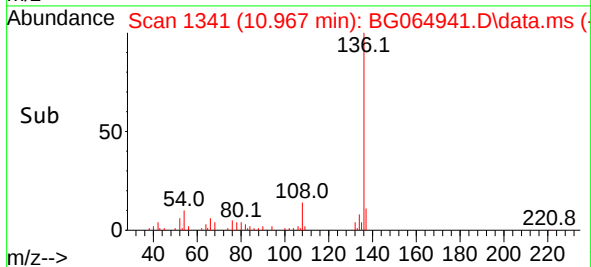
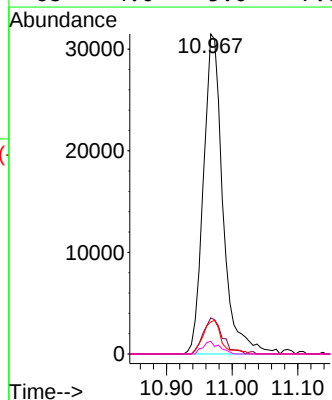
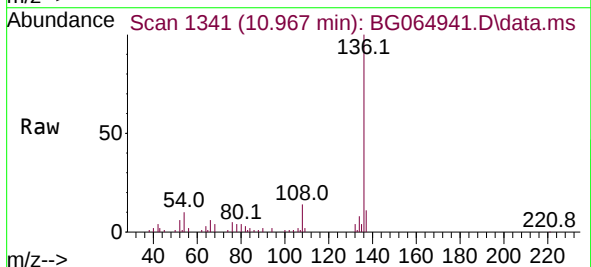
Instrument :
BNA_G
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 143209
Ion Ratio Lower Upper
99 100
42 23.3 16.8 25.2
71 47.3 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1341
Delta R.T. -0.020 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:136 Resp: 64853
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 10.0 9.3 13.9
68 4.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 81.315 ng

RT: 9.316 min Scan# 1060

Delta R.T. -0.014 min

Lab File: BG064941.D

Acq: 11 Dec 2025 19:37

Instrument :

BNA_G

ClientSampleId :

TP-8

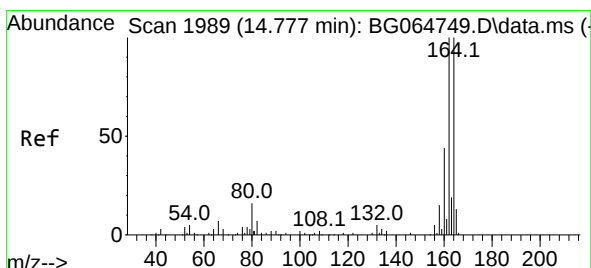
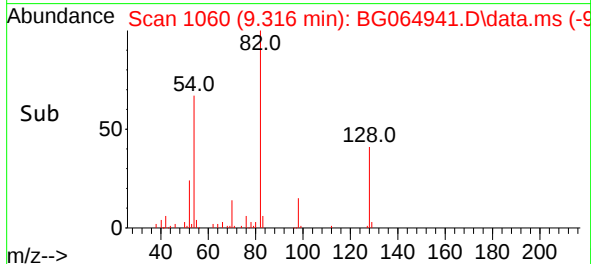
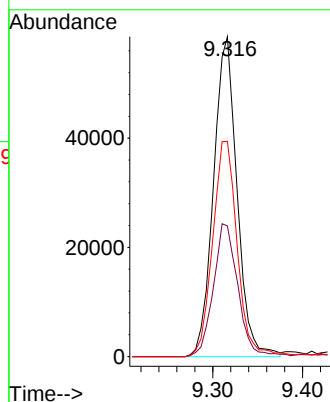
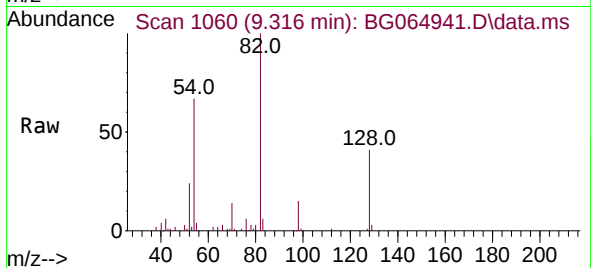
Tgt Ion: 82 Resp: 106659

Ion Ratio Lower Upper

82 100

128 40.8 34.1 51.1

54 67.3 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.763 min Scan# 1987

Delta R.T. -0.014 min

Lab File: BG064941.D

Acq: 11 Dec 2025 19:37

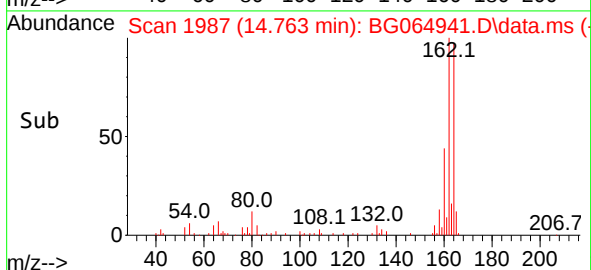
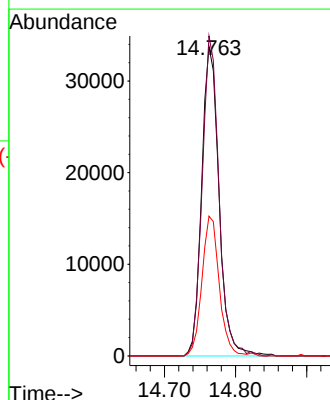
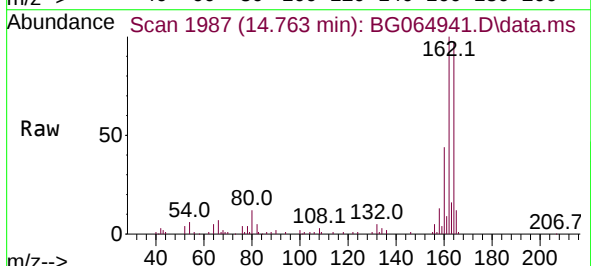
Tgt Ion:164 Resp: 57032

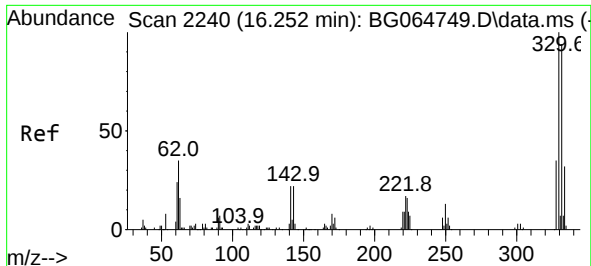
Ion Ratio Lower Upper

164 100

162 103.5 79.8 119.6

160 45.2 34.9 52.3

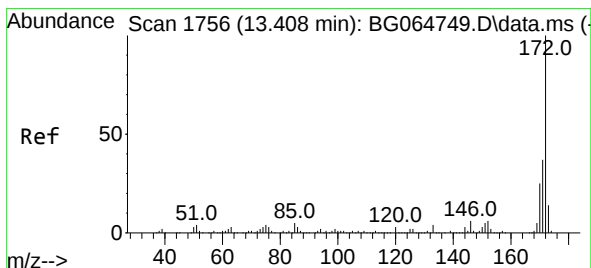
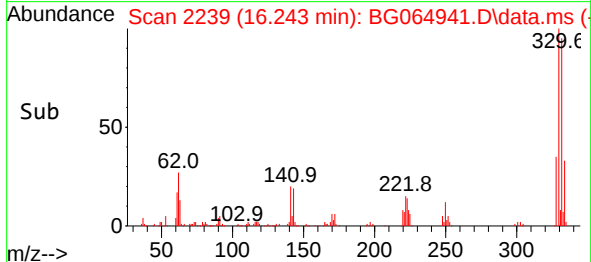
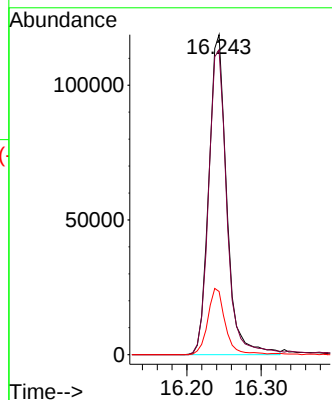
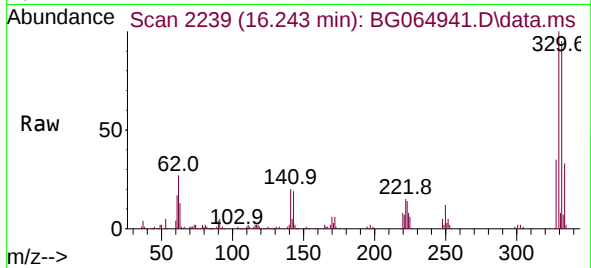




#42
2,4,6-Tribromophenol
Concen: 179.331 ng
RT: 16.243 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

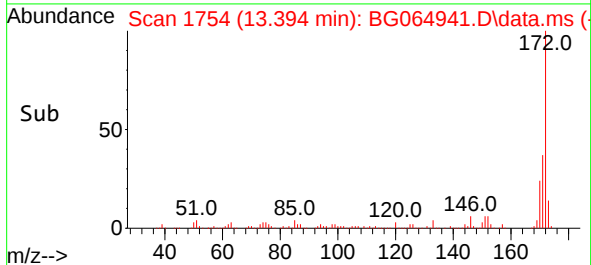
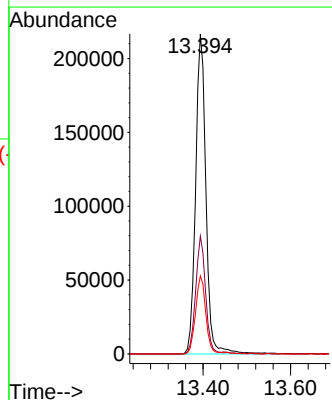
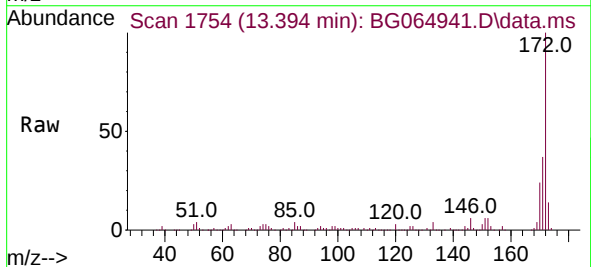
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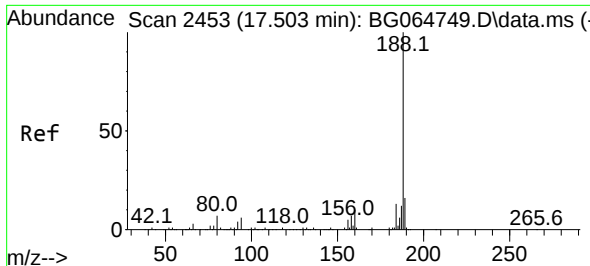
Tgt Ion:330 Resp: 199470
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 20.1 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 86.797 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:172 Resp: 354765
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.4 19.8 29.6

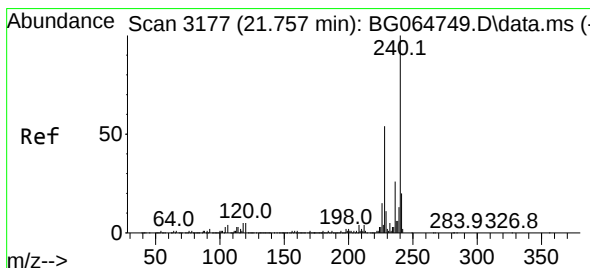
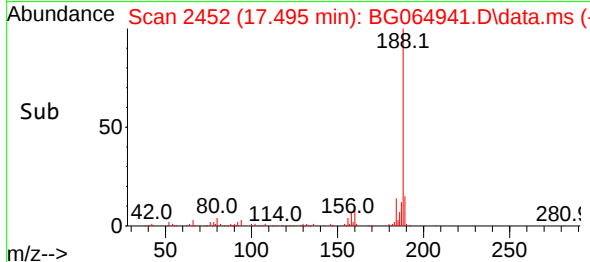
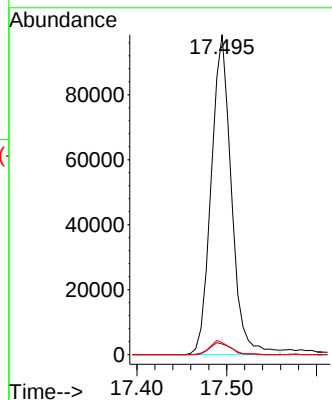
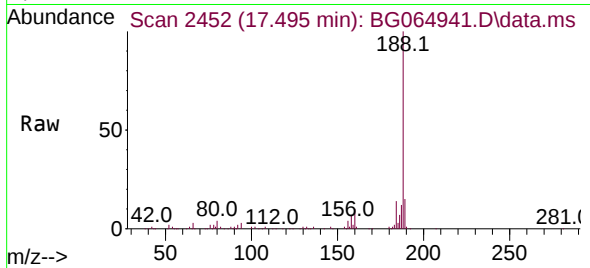




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

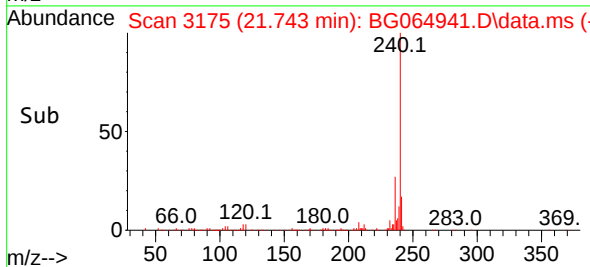
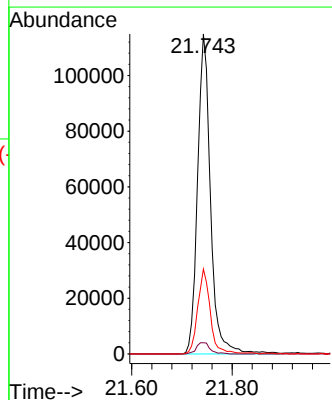
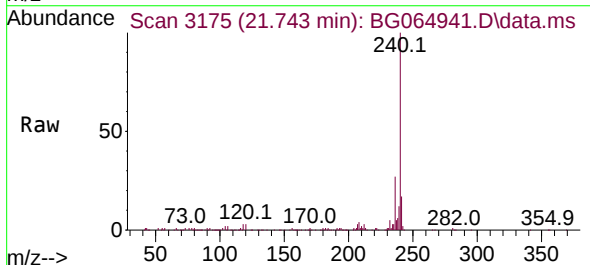
Instrument :
BNA_G
ClientSampleId :
TP-8

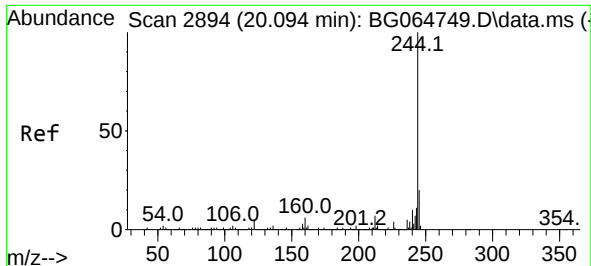
Tgt Ion:188 Resp: 154146
Ion Ratio Lower Upper
188 100
94 3.3 4.7 7.1#
80 3.7 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG064941.D
Acq: 11 Dec 2025 19:37

Tgt Ion:240 Resp: 205882
Ion Ratio Lower Upper
240 100
120 3.5 4.2 6.4#
236 26.5 20.8 31.2

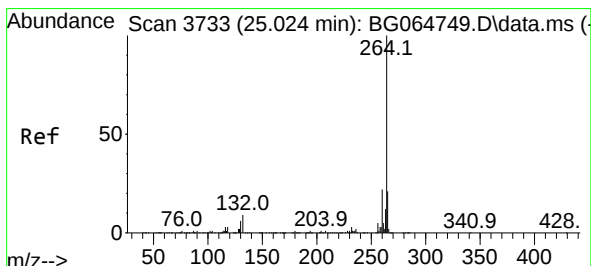
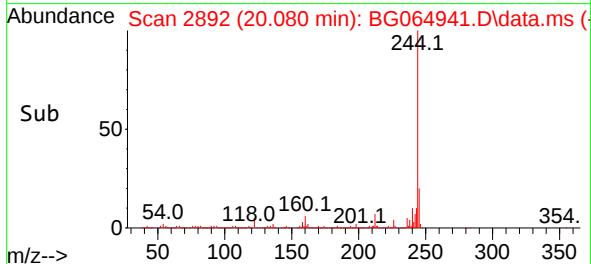
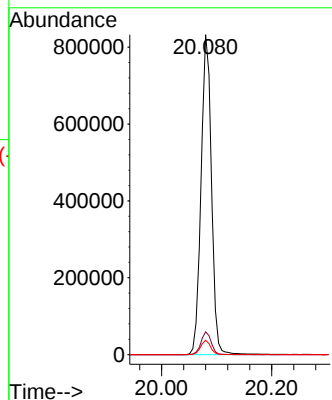
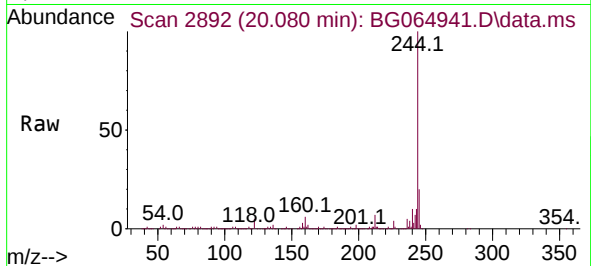




#79
 Terphenyl-d14
 Concen: 104.270 ng
 RT: 20.080 min Scan# 2894
 Delta R.T. -0.014 min
 Lab File: BG064941.D
 Acq: 11 Dec 2025 19:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tgt Ion:244 Resp: 1091323
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 4.5 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3729
 Delta R.T. -0.026 min
 Lab File: BG064941.D
 Acq: 11 Dec 2025 19:37

Tgt Ion:264 Resp: 219161
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.2 25.8
 265 22.6 16.6 25.0

