

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064940.D
 Acq On : 11 Dec 2025 18:57
 Operator : RC/JU
 Sample : Q3814-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Dec 11 22:43:05 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	8.148	152	17301	20.000	ng	-0.02
21) Naphthalene-d8	10.968	136	63291	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	57744	20.000	ng	-0.01
64) Phenanthrene-d10	17.496	188	162260	20.000	ng	# 0.00
76) Chrysene-d12	21.744	240	207945	20.000	ng	#-0.01
86) Perylene-d12	24.999	264	167566	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	117628	118.724	ng	0.00
7) Phenol-d6	7.302	99	138262	104.921	ng	0.00
23) Nitrobenzene-d5	9.311	82	105851	82.691	ng	-0.02
42) 2,4,6-Tribromophenol	16.238	330	196892	174.831	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	352646	85.214	ng	-0.01
79) Terphenyl-d14	20.081	244	1055142	99.813	ng	-0.01

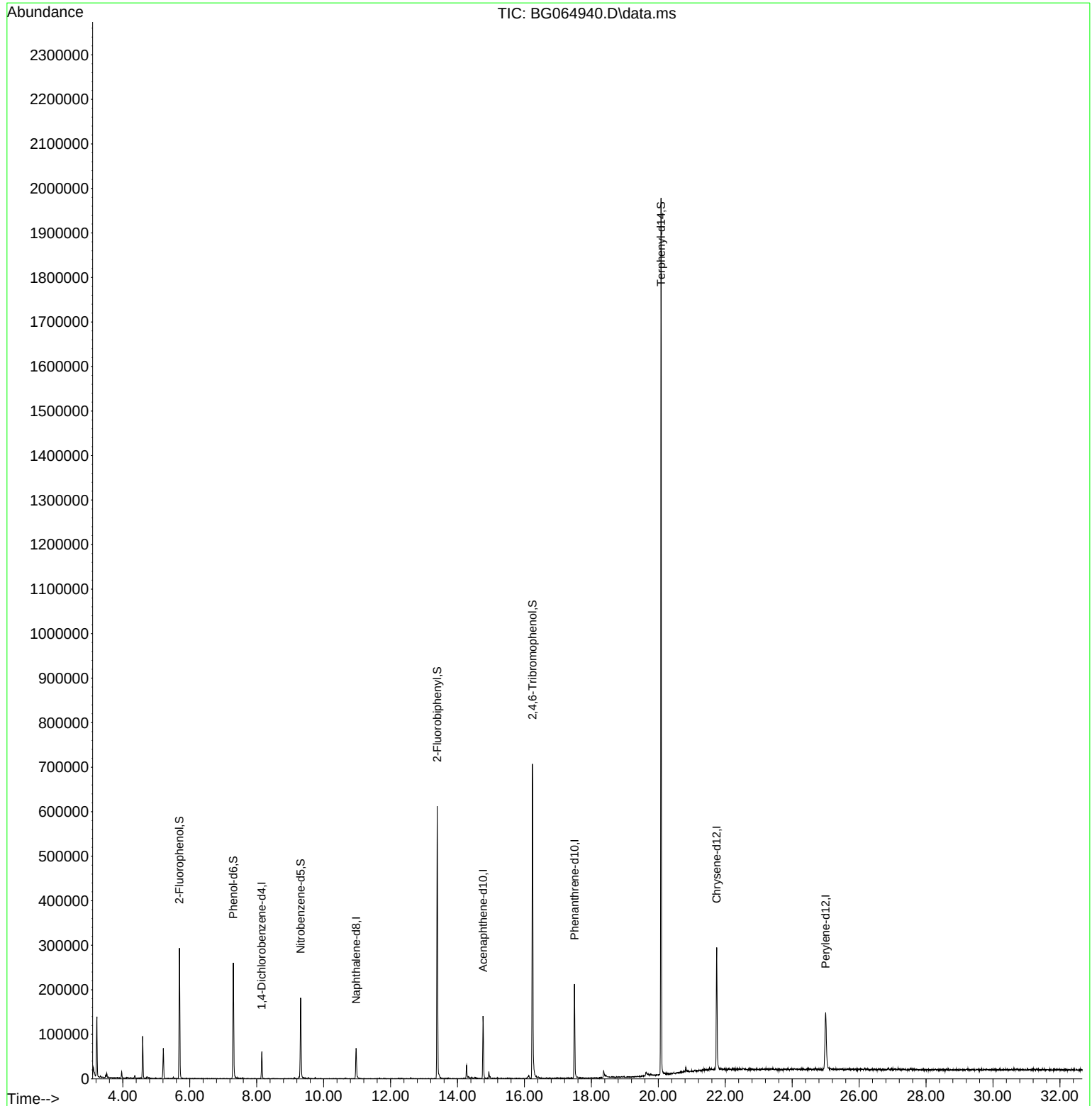
Target Compounds	Qvalue

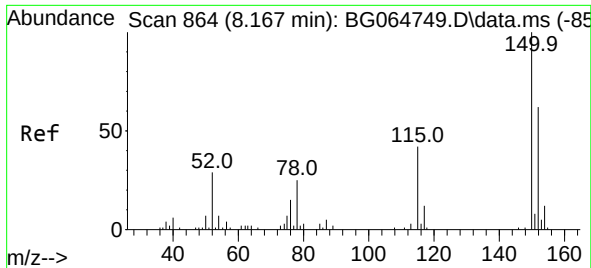
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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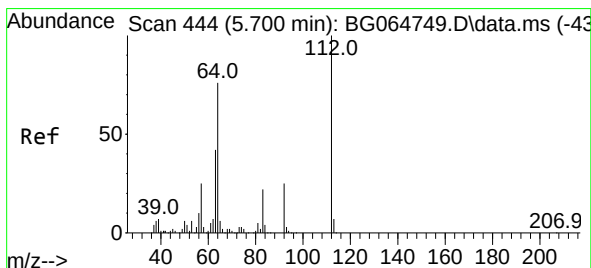
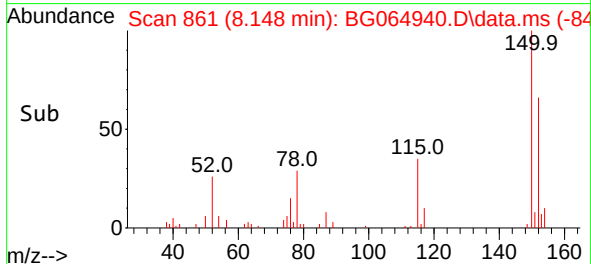
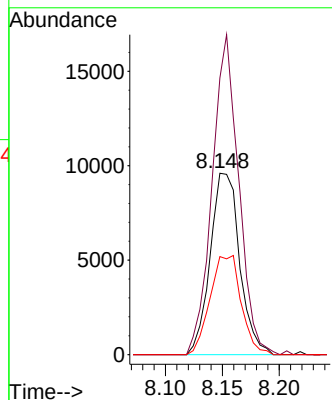
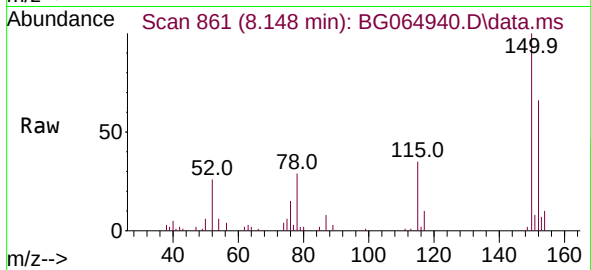




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.148 min Scan# 864
 Delta R.T. -0.019 min
 Lab File: BG064940.D
 Acq: 11 Dec 2025 18:57

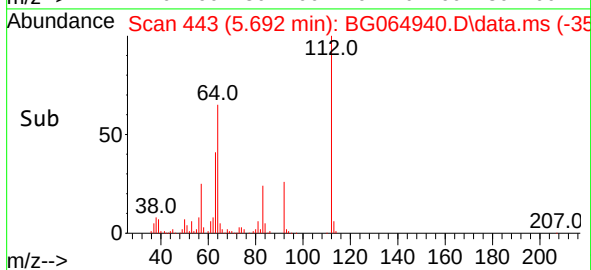
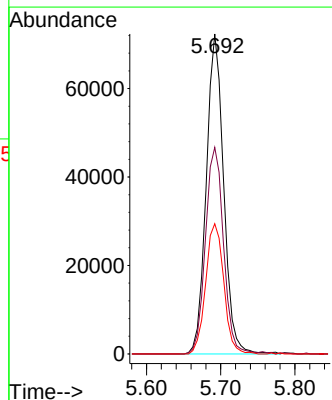
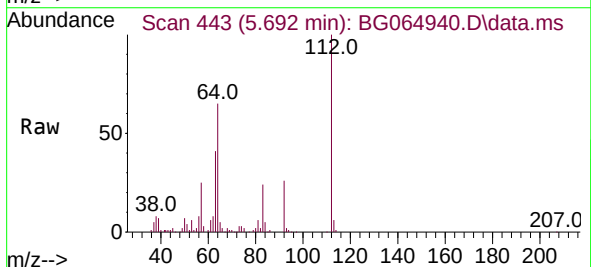
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

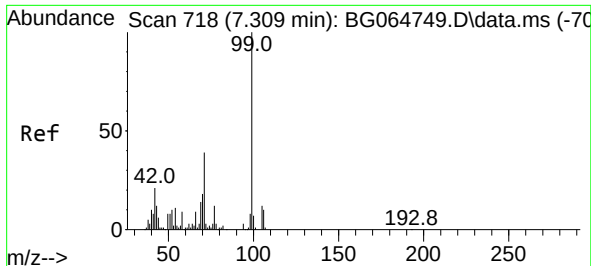
Tgt Ion:152 Resp: 17301
 Ion Ratio Lower Upper
 152 100
 150 152.6 129.2 193.8
 115 54.1 53.7 80.5



#5
 2-Fluorophenol
 Concen: 118.724 ng
 RT: 5.692 min Scan# 443
 Delta R.T. -0.008 min
 Lab File: BG064940.D
 Acq: 11 Dec 2025 18:57

Tgt Ion:112 Resp: 117628
 Ion Ratio Lower Upper
 112 100
 64 64.5 61.0 91.4
 63 40.7 33.3 49.9

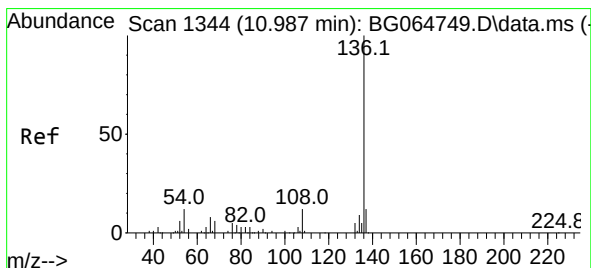
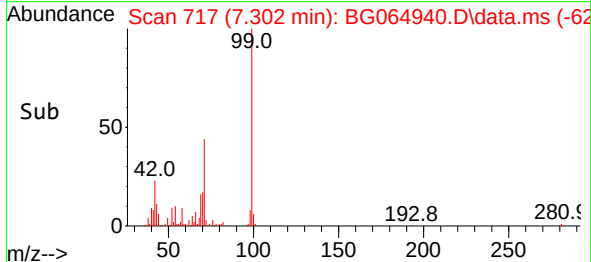
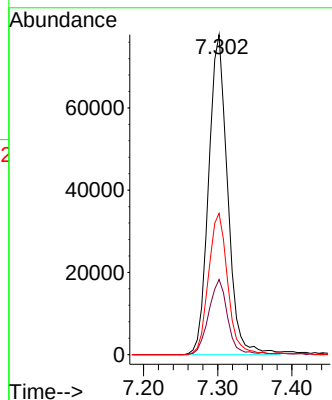
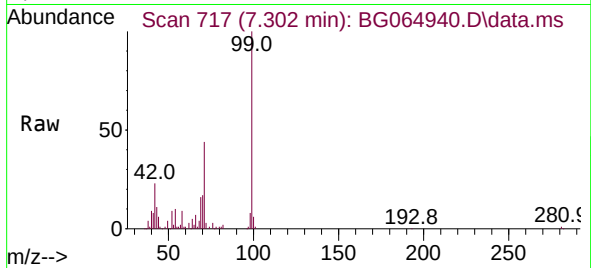




#7
Phenol-d6
Concen: 104.921 ng
RT: 7.302 min Scan# 718
Delta R.T. -0.008 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

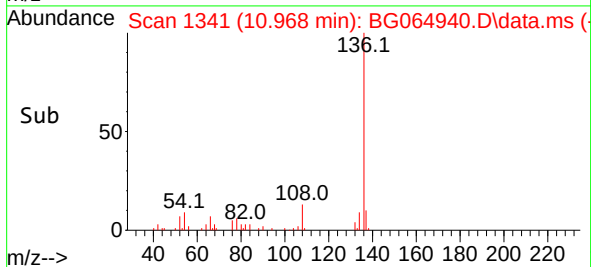
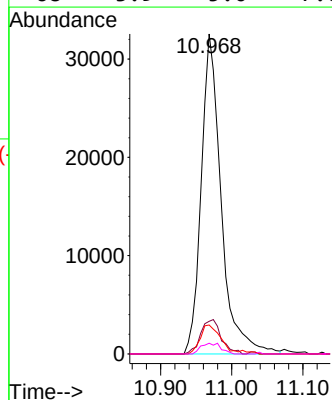
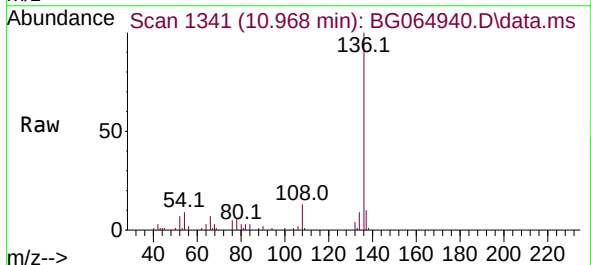
Instrument :
BNA_G
ClientSampleId :
TP-7

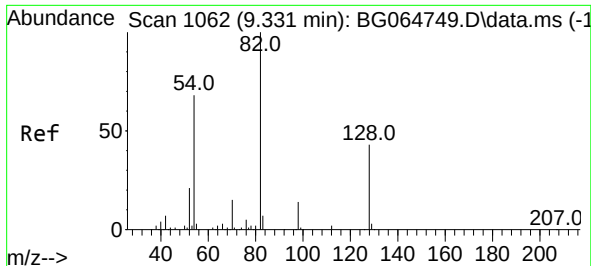
Tgt Ion: 99 Resp: 138262
Ion Ratio Lower Upper
99 100
42 23.5 16.8 25.2
71 44.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 1341
Delta R.T. -0.019 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

Tgt Ion:136 Resp: 63291
Ion Ratio Lower Upper
136 100
137 10.2 9.3 13.9
54 9.1 9.3 13.9#
68 3.9 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 82.691 ng

RT: 9.311 min Scan# 1059

Delta R.T. -0.019 min

Lab File: BG064940.D

Acq: 11 Dec 2025 18:57

Instrument :

BNA_G

ClientSampleId :

TP-7

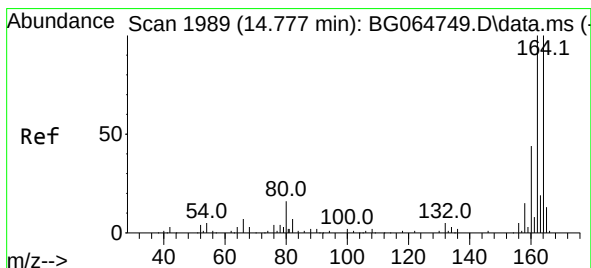
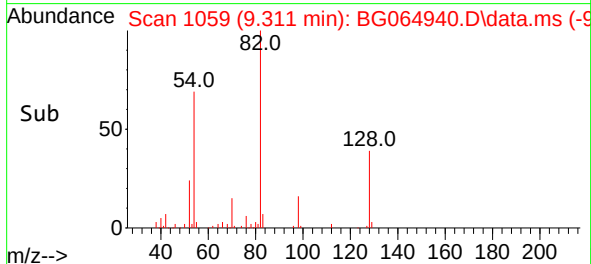
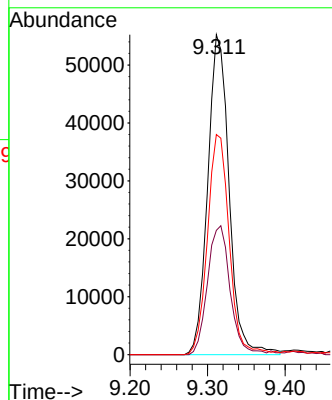
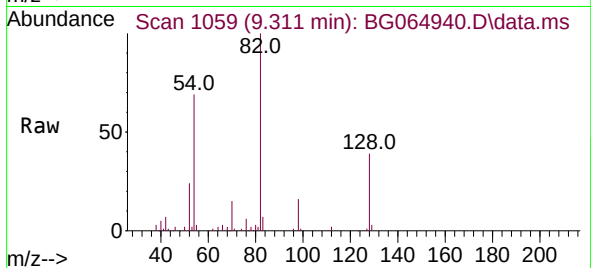
Tgt Ion: 82 Resp: 105851

Ion Ratio Lower Upper

82 100

128 38.8 34.1 51.1

54 68.8 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.764 min Scan# 1987

Delta R.T. -0.014 min

Lab File: BG064940.D

Acq: 11 Dec 2025 18:57

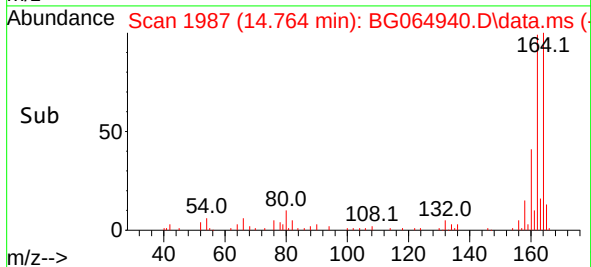
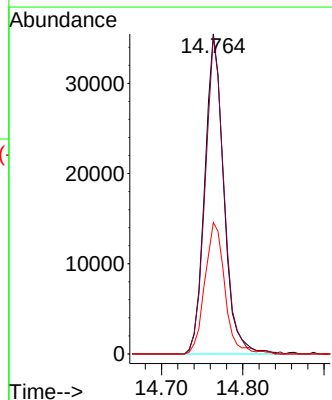
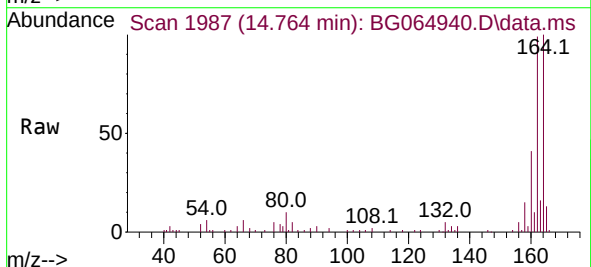
Tgt Ion: 164 Resp: 57744

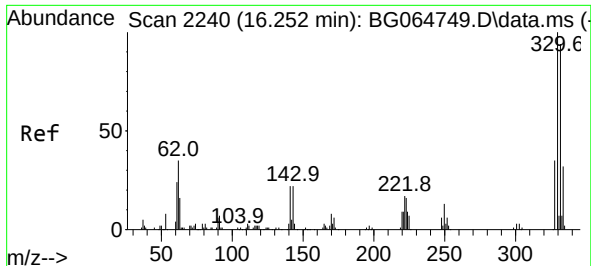
Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.6

160 41.0 34.9 52.3

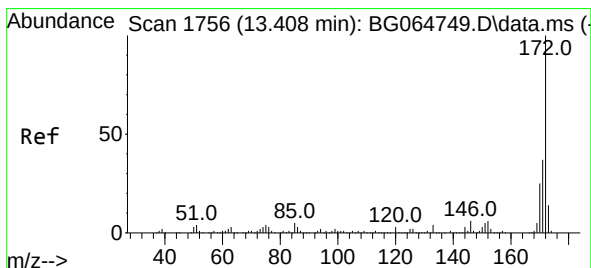
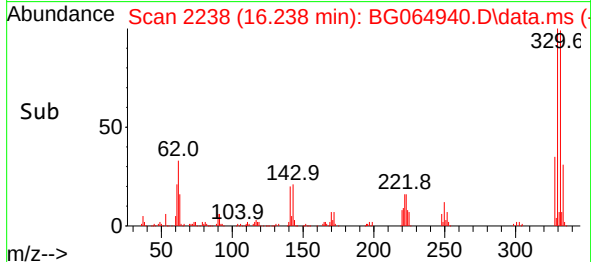
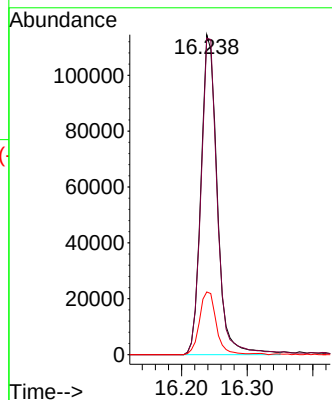
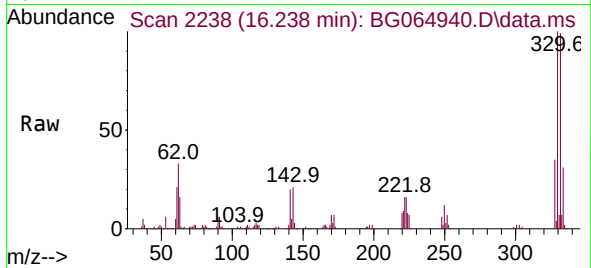




#42
2,4,6-Tribromophenol
Concen: 174.831 ng
RT: 16.238 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

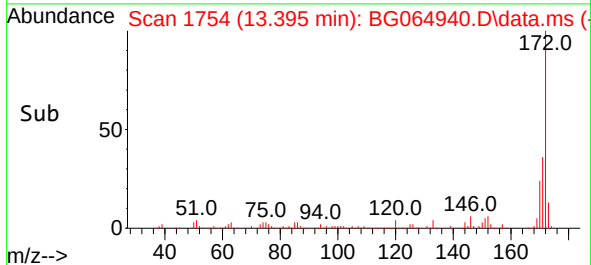
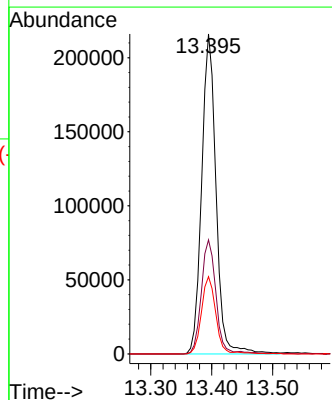
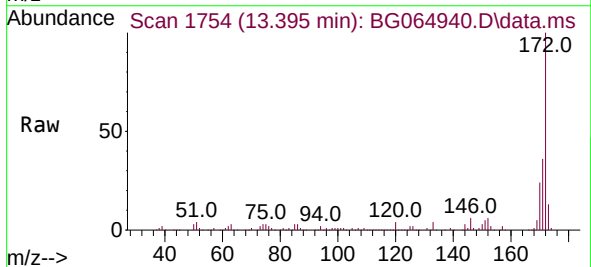
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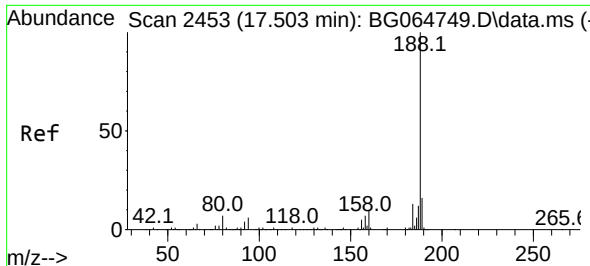
Tgt Ion:330 Resp: 196892
Ion Ratio Lower Upper
330 100
332 99.5 77.0 115.6
141 20.1 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 85.214 ng
RT: 13.395 min Scan# 1754
Delta R.T. -0.014 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

Tgt Ion:172 Resp: 352646
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 24.1 19.8 29.6

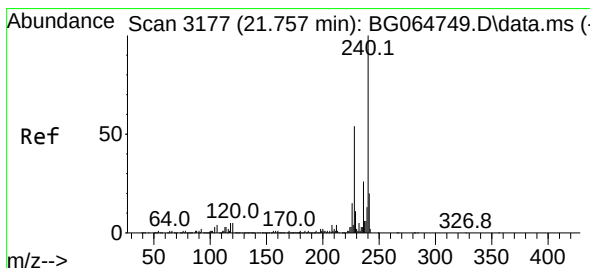
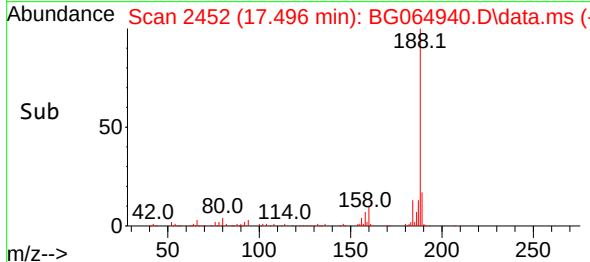
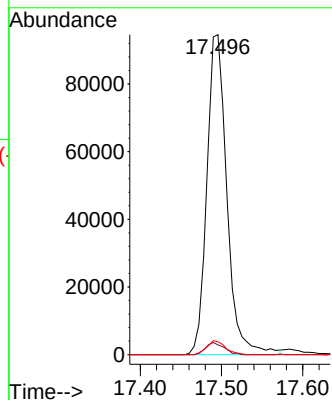
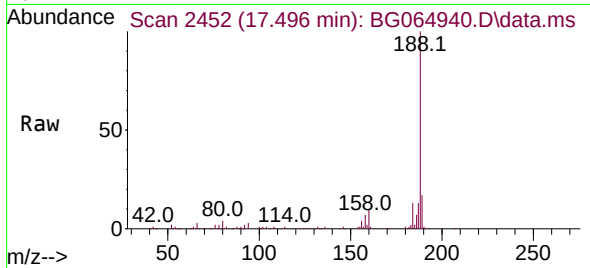




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.496 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

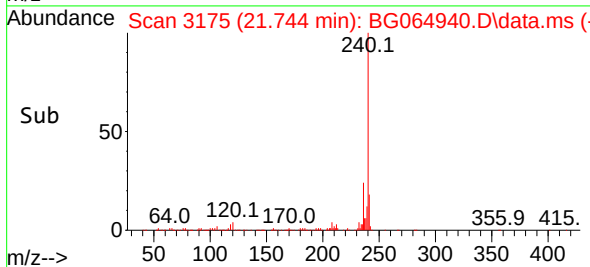
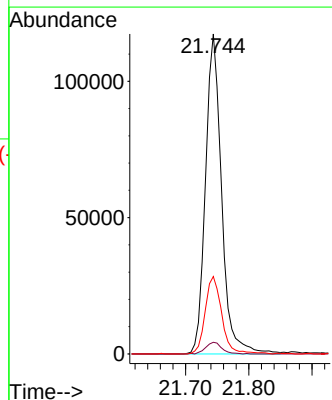
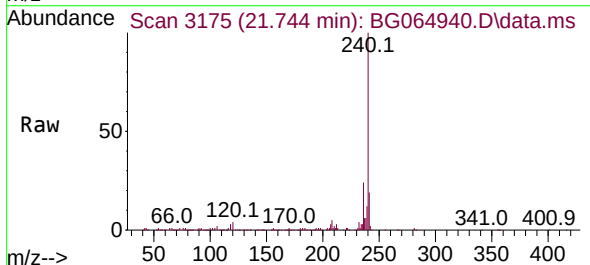
Instrument :
BNA_G
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TP-7

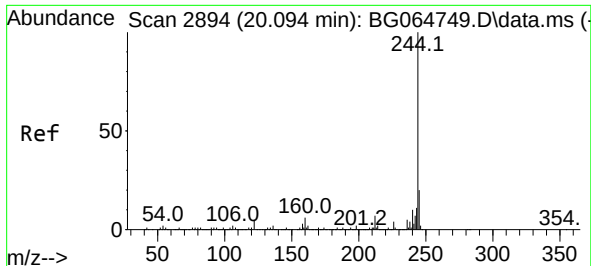
Tgt Ion:188 Resp: 162260
Ion Ratio Lower Upper
188 100
94 3.0 4.7 7.1#
80 4.0 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.744 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

Tgt Ion:240 Resp: 207945
Ion Ratio Lower Upper
240 100
120 3.6 4.2 6.4#
236 24.2 20.8 31.2

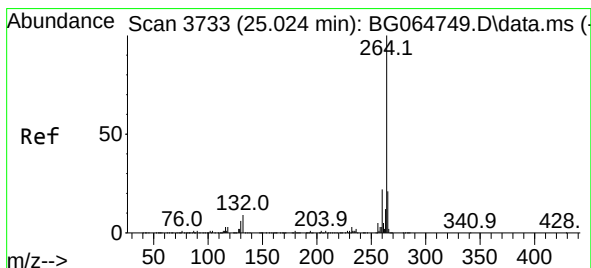
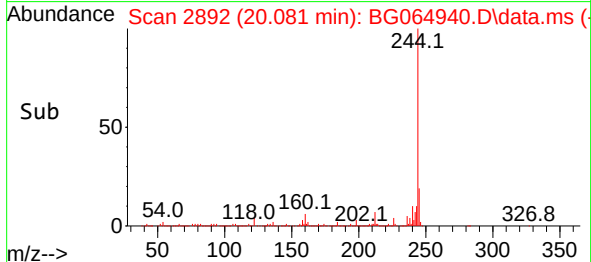
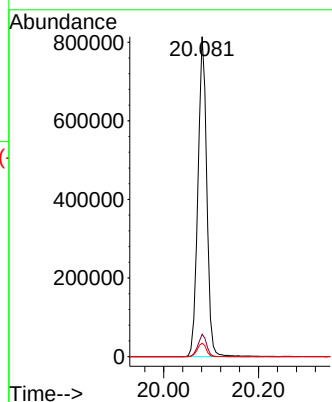
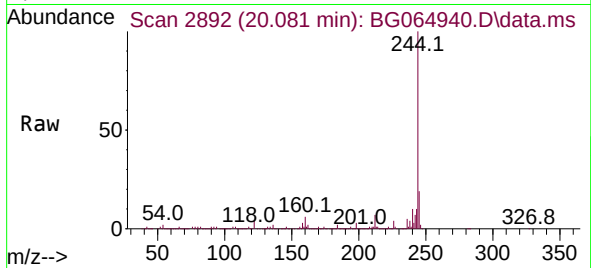




#79
Terphenyl-d14
Concen: 99.813 ng
RT: 20.081 min Scan# 2892
Delta R.T. -0.014 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

Instrument :
BNA_G
ClientSampleId :
TP-7

Tgt Ion:244 Resp: 1055142
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 4.2 4.3 6.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.999 min Scan# 3729
Delta R.T. -0.025 min
Lab File: BG064940.D
Acq: 11 Dec 2025 18:57

Tgt Ion:264 Resp: 167566
Ion Ratio Lower Upper
264 100
260 24.3 17.2 25.8
265 21.5 16.6 25.0

