

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064770.D
 Acq On : 14 Nov 2025 00:10
 Operator : RC/JU
 Sample : Q3609-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-03

Quant Time: Nov 14 05:05:52 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	8.165	152	36644	20.000	ng	# 0.00
21) Naphthalene-d8	10.979	136	132909	20.000	ng	0.00
39) Acenaphthene-d10	14.769	164	102310	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	251165	20.000	ng	0.00
76) Chrysene-d12	21.749	240	343216	20.000	ng	0.00
86) Perylene-d12	25.004	264	346113	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	242829	115.717	ng	0.00
7) Phenol-d6	7.307	99	277486	99.419	ng	0.00
23) Nitrobenzene-d5	9.322	82	230174	85.626	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	254819	127.706	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	593906	80.999	ng	0.00
79) Terphenyl-d14	20.086	244	1578650	90.478	ng	0.00

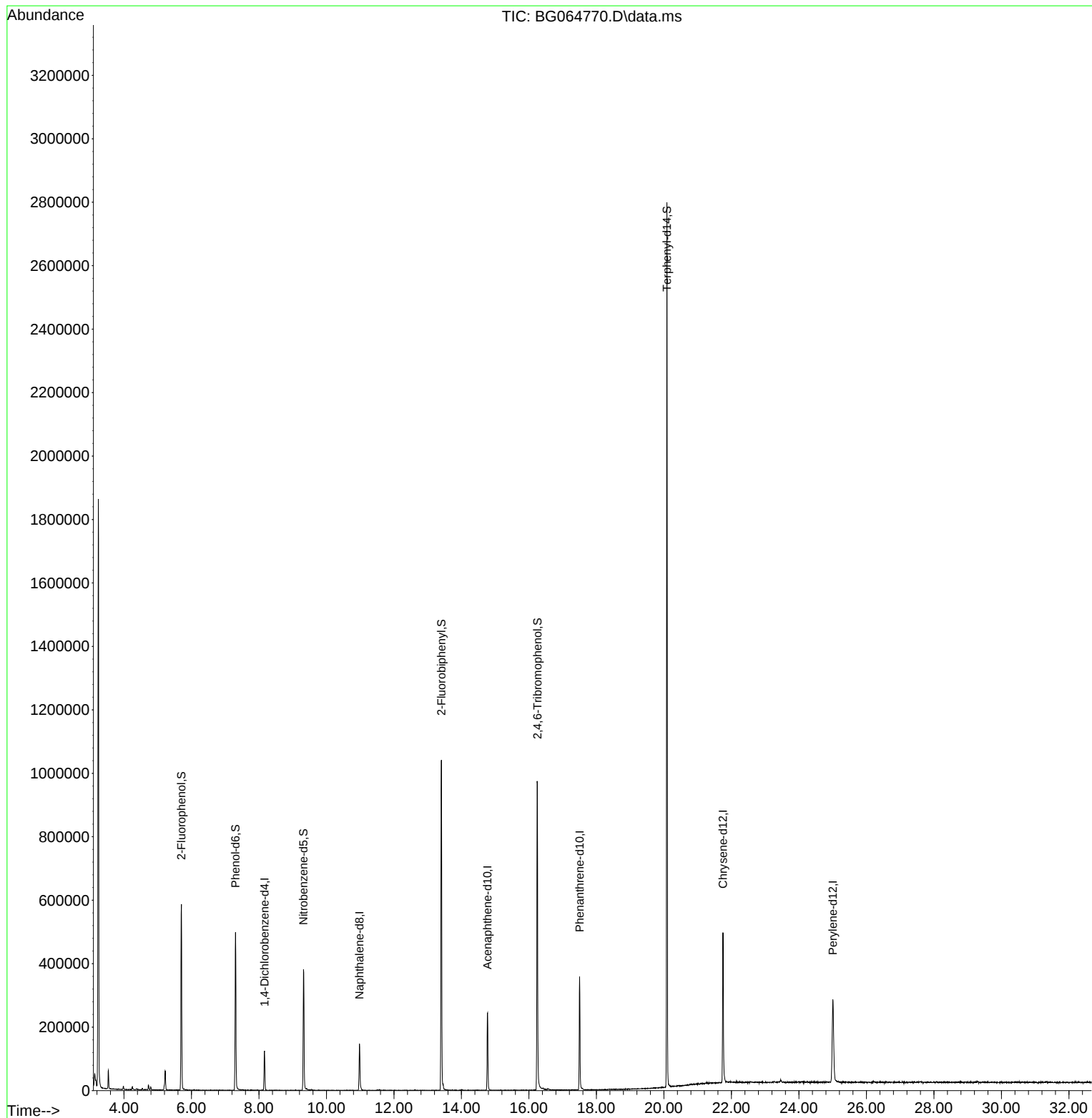
Target Compounds	Qvalue

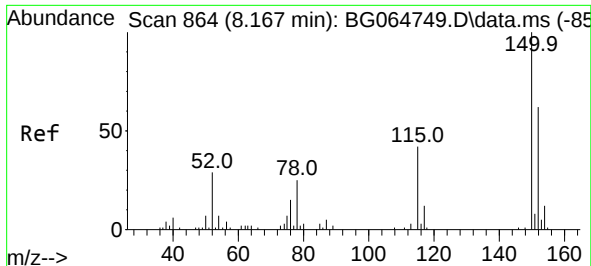
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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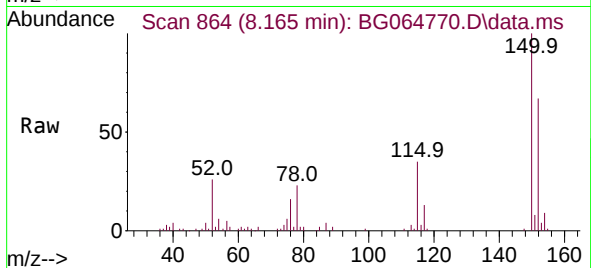
Quant Time: Nov 14 05:05:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



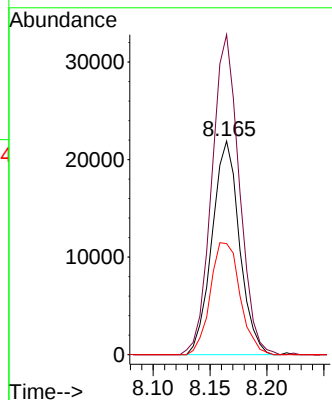
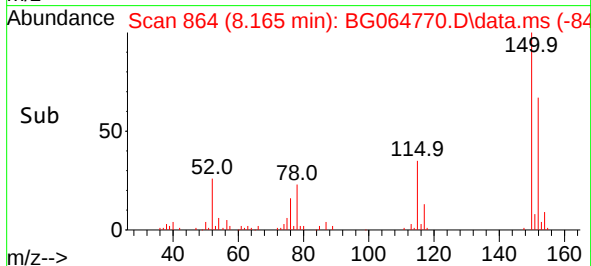


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10

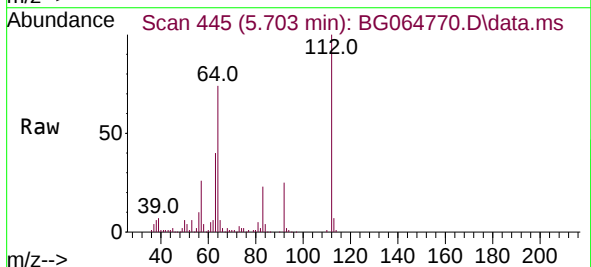
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-03



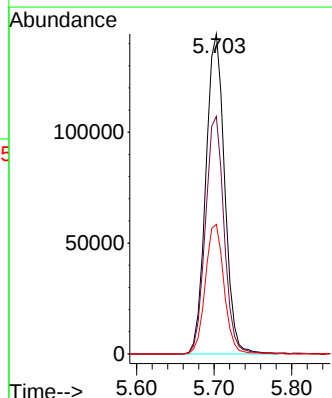
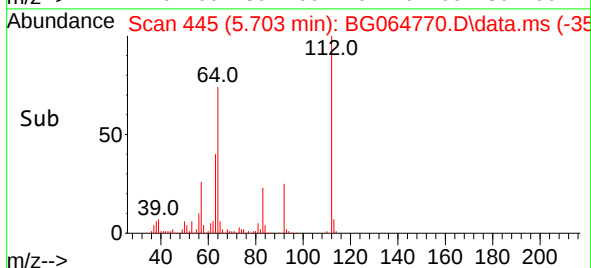
Tgt Ion:152 Resp: 36644
Ion Ratio Lower Upper
152 100
150 149.9 129.2 193.8
115 52.0 53.7 80.5#

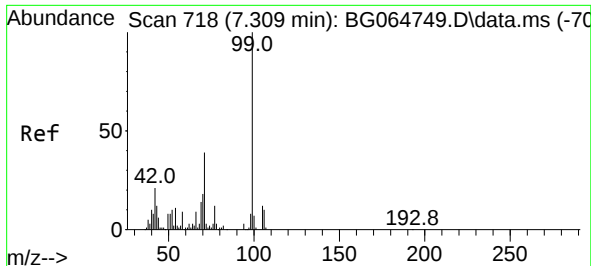


#5
2-Fluorophenol
Concen: 115.717 ng
RT: 5.703 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10



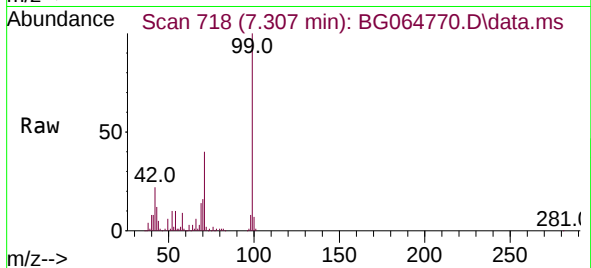
Tgt Ion:112 Resp: 242829
Ion Ratio Lower Upper
112 100
64 74.2 61.0 91.4
63 40.5 33.3 49.9





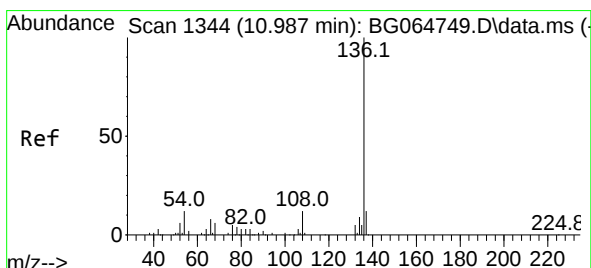
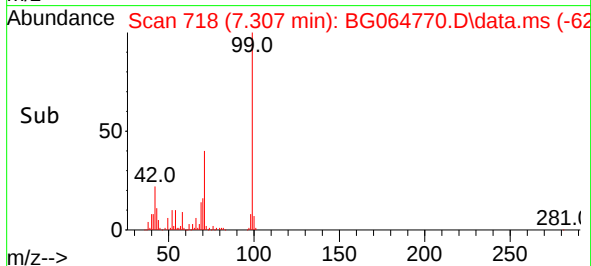
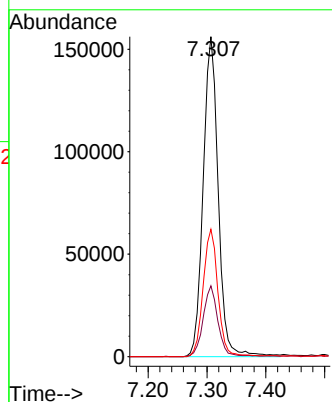
#7
Phenol-d6
Concen: 99.419 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-03



Tgt Ion: 99 Resp: 277486

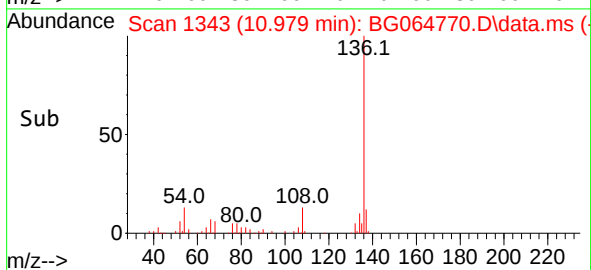
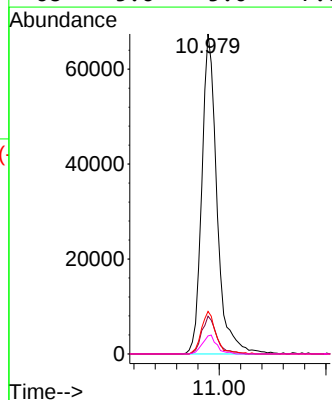
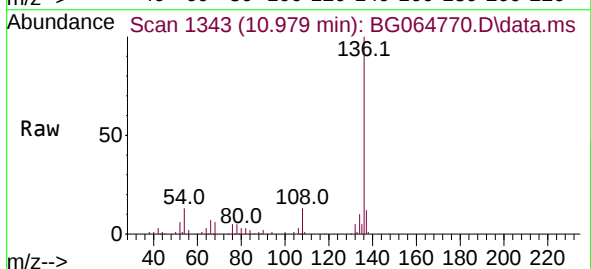
Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.8	25.2
71	39.8	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10

Tgt Ion: 136 Resp: 132909

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	13.3	9.3	13.9
68	5.6	5.0	7.6





#23

Nitrobenzene-d5

Concen: 85.626 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064770.D

Acq: 14 Nov 2025 00:10

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-03

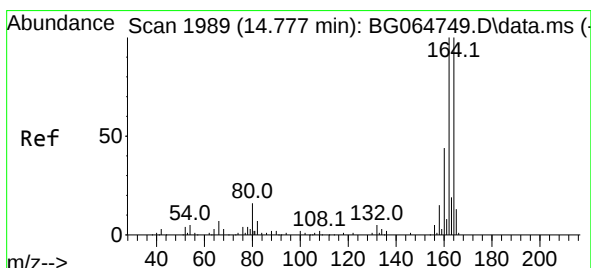
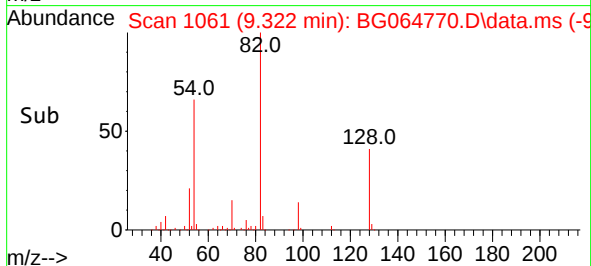
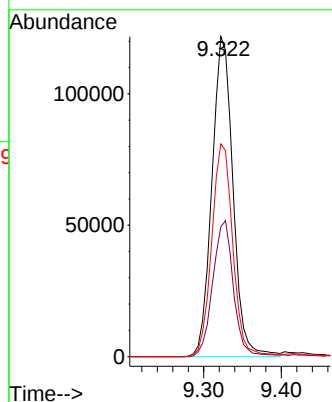
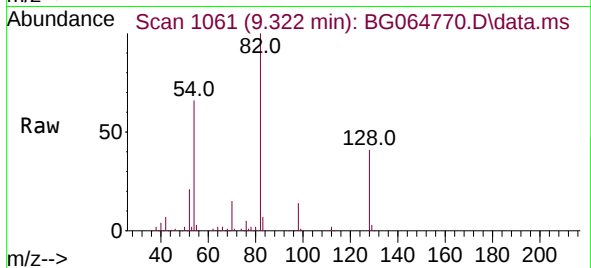
Tgt Ion: 82 Resp: 230174

Ion Ratio Lower Upper

82 100

128 40.6 34.1 51.1

54 66.5 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.769 min Scan# 1988

Delta R.T. -0.009 min

Lab File: BG064770.D

Acq: 14 Nov 2025 00:10

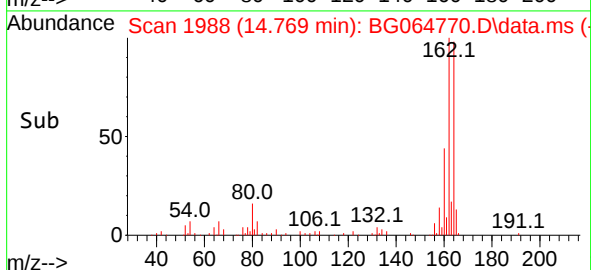
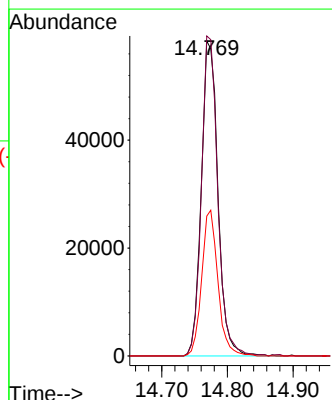
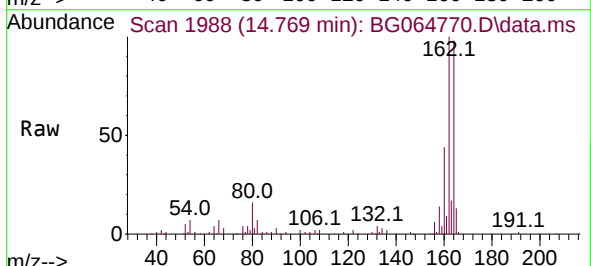
Tgt Ion: 164 Resp: 102310

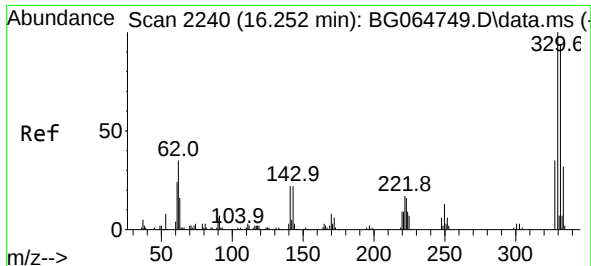
Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.6

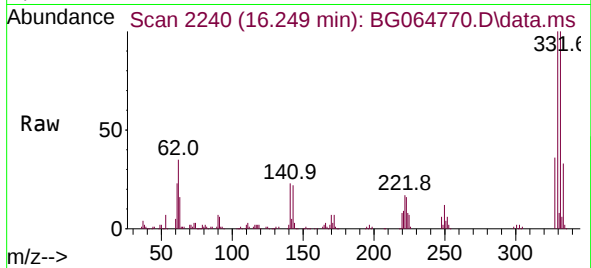
160 44.4 34.9 52.3



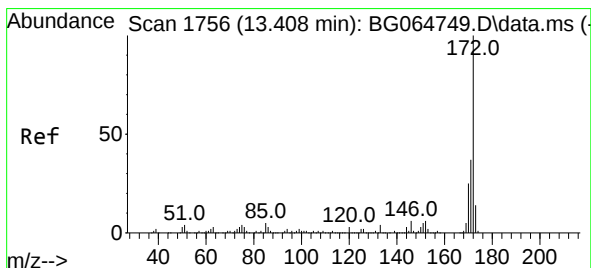
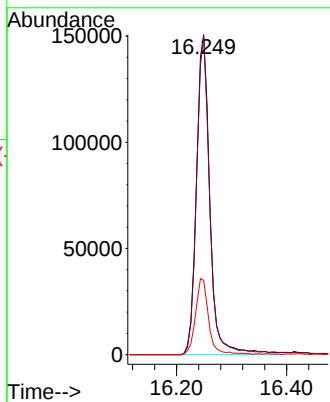
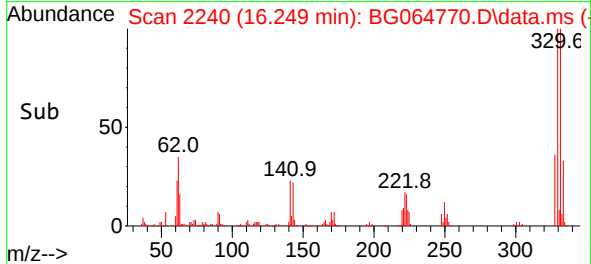


#42
2,4,6-Tribromophenol
Concen: 127.706 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10

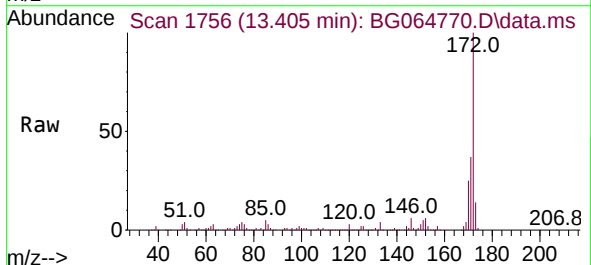
Instrument :
BNA_G
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AU-713-COMP-03



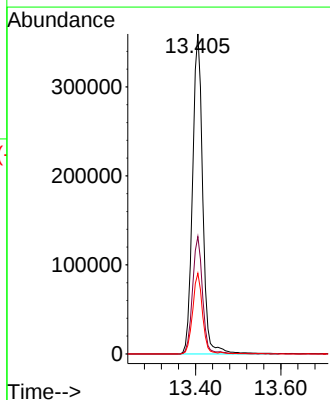
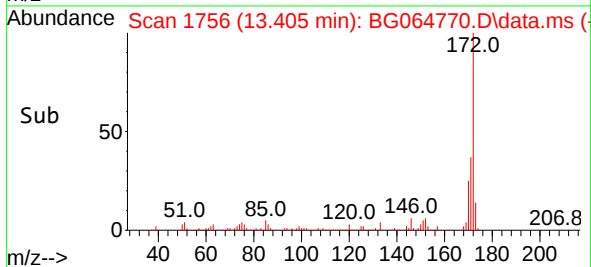
Tgt Ion:330 Resp: 254819
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 23.2 18.2 27.2

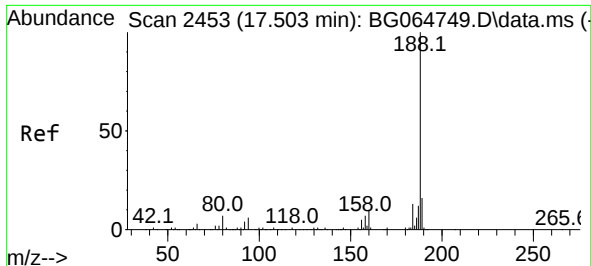


#45
2-Fluorobiphenyl
Concen: 80.999 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10



Tgt Ion:172 Resp: 593906
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.2 19.8 29.6

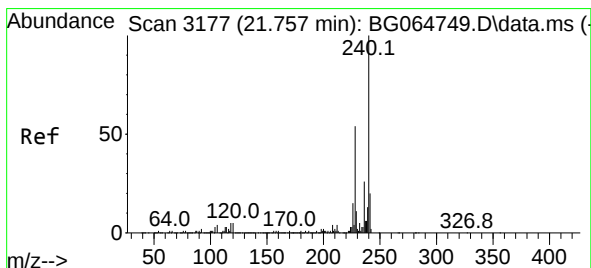
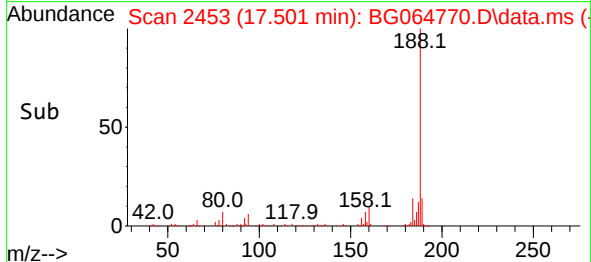
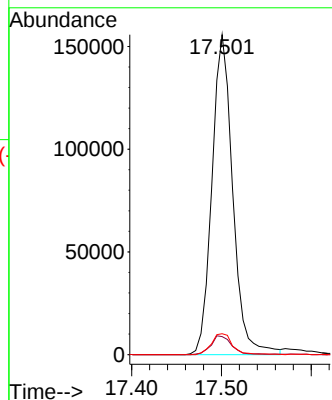
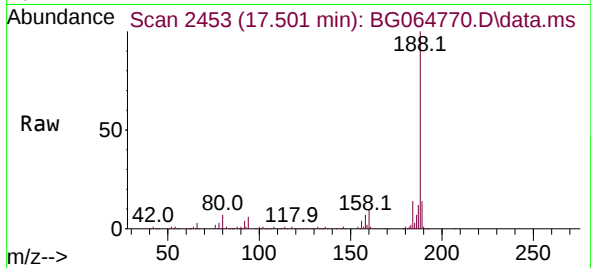




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10

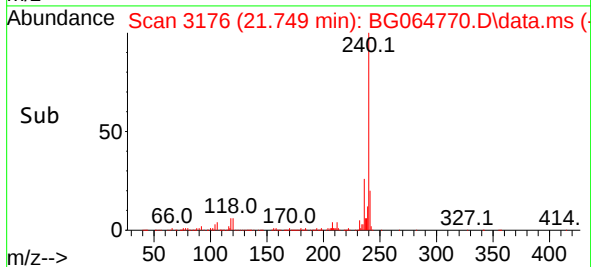
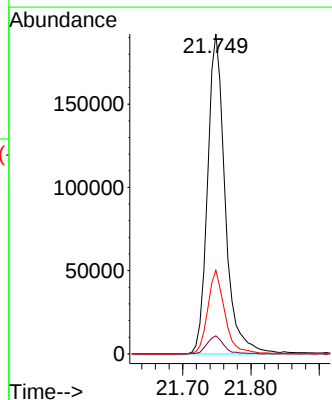
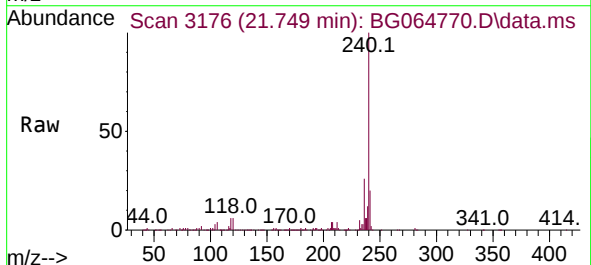
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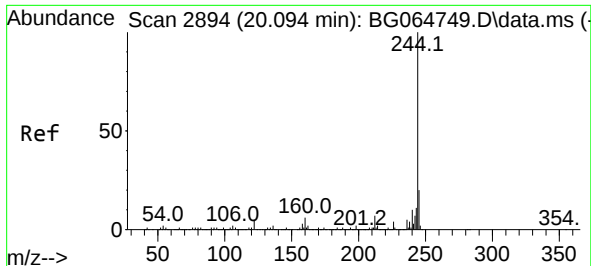
Tgt Ion:188 Resp: 251165
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 6.5 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064770.D
Acq: 14 Nov 2025 00:10

Tgt Ion:240 Resp: 343216
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 26.1 20.8 31.2

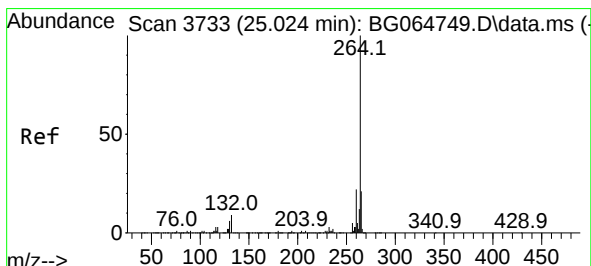
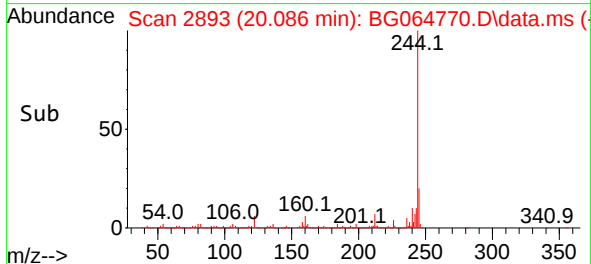
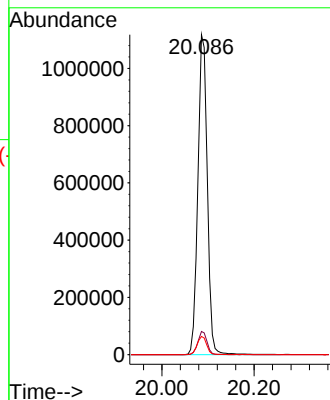
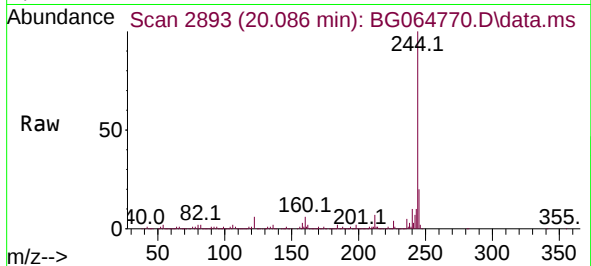




#79
 Terphenyl-d14
 Concen: 90.478 ng
 RT: 20.086 min Scan# 2893
 Delta R.T. -0.009 min
 Lab File: BG064770.D
 Acq: 14 Nov 2025 00:10

Instrument :
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Tgt Ion:244 Resp: 1578650
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 5.7 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3730
 Delta R.T. -0.020 min
 Lab File: BG064770.D
 Acq: 14 Nov 2025 00:10

Tgt Ion:264 Resp: 346113
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.2 25.8
 265 22.3 16.6 25.0

