

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064905.D
 Acq On : 9 Dec 2025 14:59
 Operator : RC/JU
 Sample : Q3800-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP#2

Quant Time: Dec 09 15:34:29 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	8.152	152	19852	20.000	ng	-0.02
21) Naphthalene-d8	10.972	136	94047	20.000	ng	#-0.02
39) Acenaphthene-d10	14.762	164	87351	20.000	ng	-0.02
64) Phenanthrene-d10	17.494	188	211129	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	259762	20.000	ng	-0.02
86) Perylene-d12	24.991	264	291037	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	14069	12.375	ng	-0.02
7) Phenol-d6	7.294	99	27784	18.375	ng	-0.02
23) Nitrobenzene-d5	9.309	82	47044	24.732	ng	-0.02
42) 2,4,6-Tribromophenol	16.236	330	63885	37.500	ng	-0.02
45) 2-Fluorobiphenyl	13.393	172	241298	38.545	ng	-0.02
79) Terphenyl-d14	20.079	244	680425	51.526	ng	-0.02

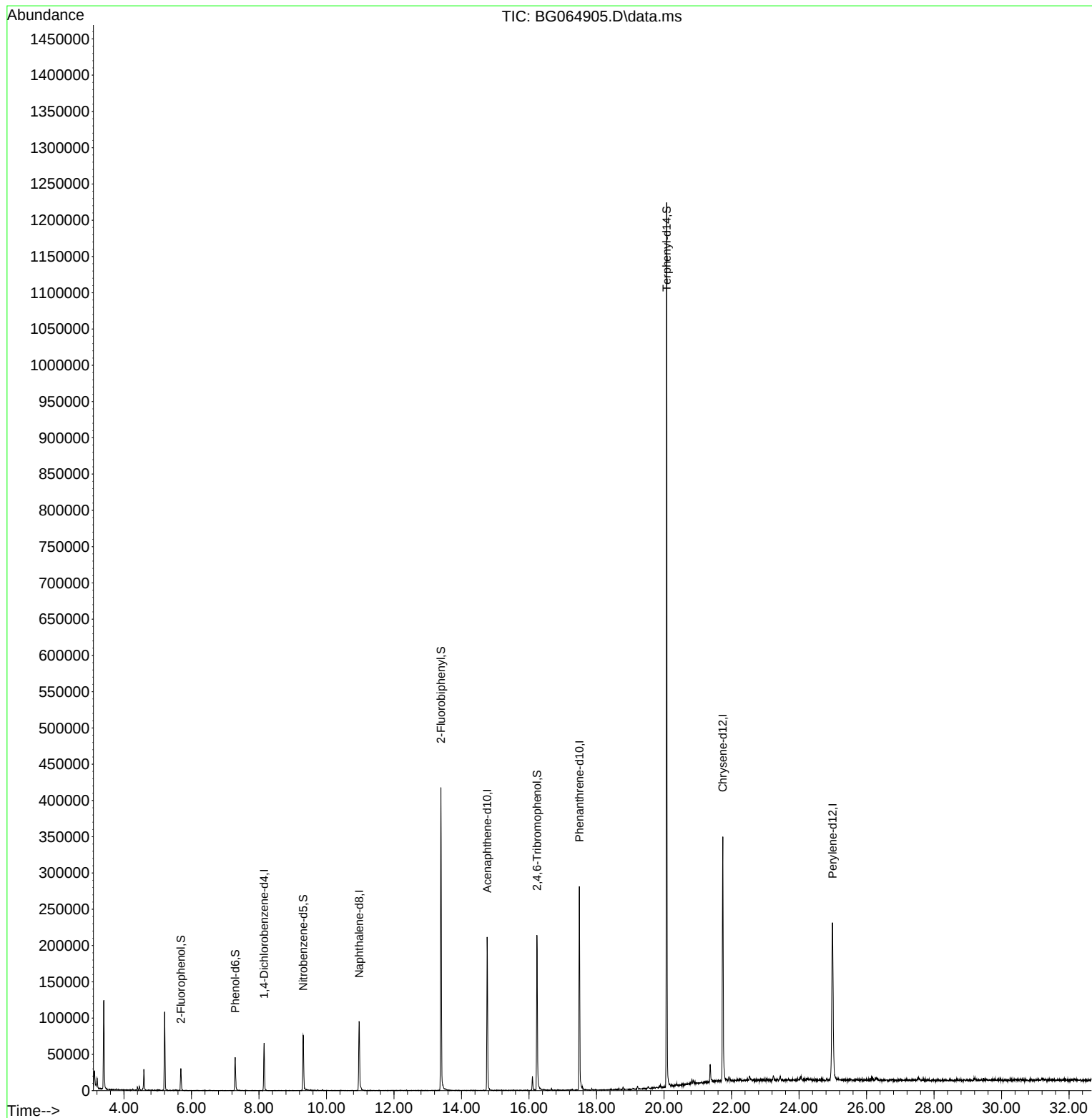
Target Compounds	Qvalue

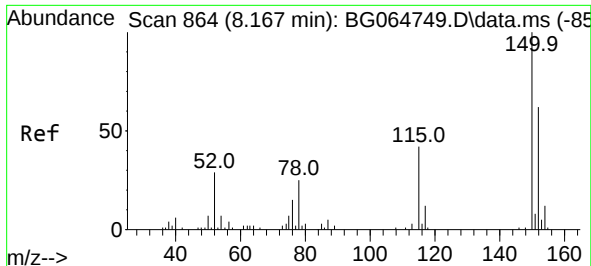
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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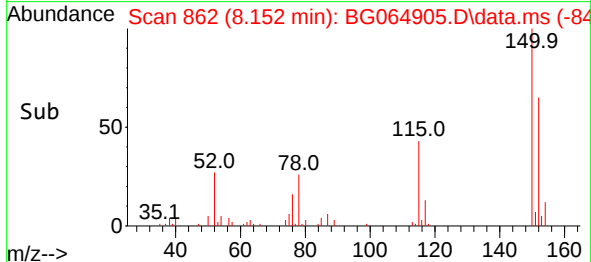
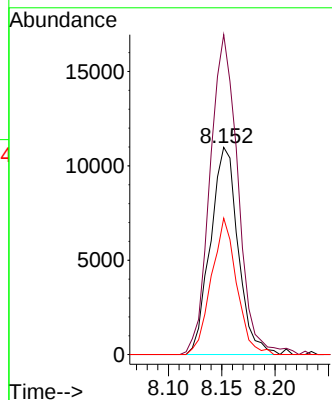
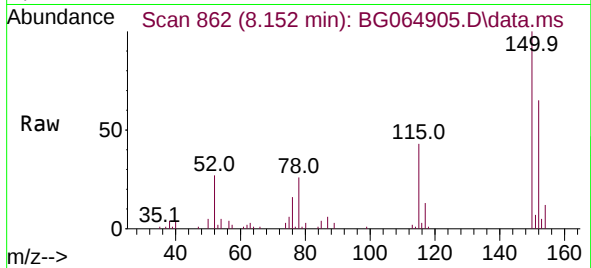




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

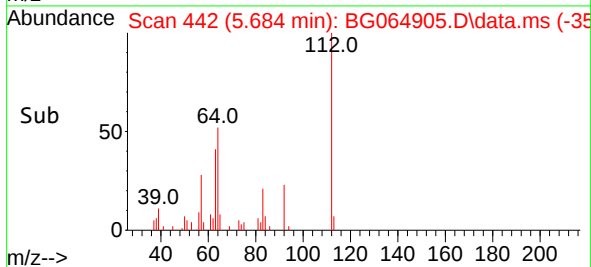
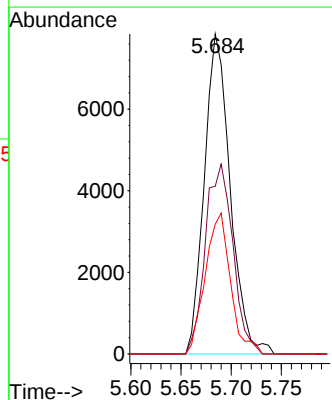
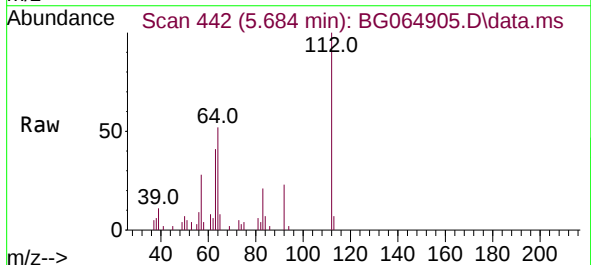
Instrument :
BNA_G
ClientSampleId :
COMP#2

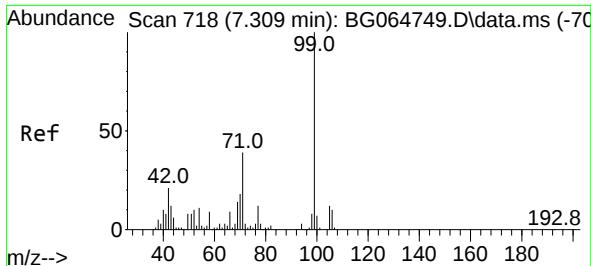
Tgt Ion:152 Resp: 19852
Ion Ratio Lower Upper
152 100
150 154.3 129.2 193.8
115 65.8 53.7 80.5



#5
2-Fluorophenol
Concen: 12.375 ng
RT: 5.684 min Scan# 442
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:112 Resp: 14069
Ion Ratio Lower Upper
112 100
64 52.4 61.0 91.4#
63 40.6 33.3 49.9

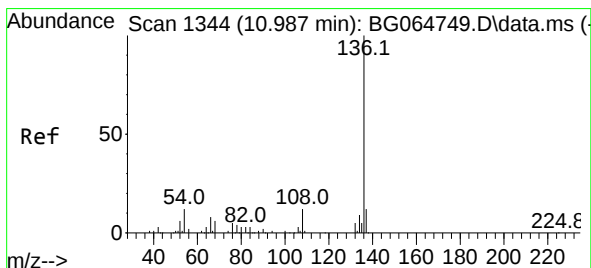
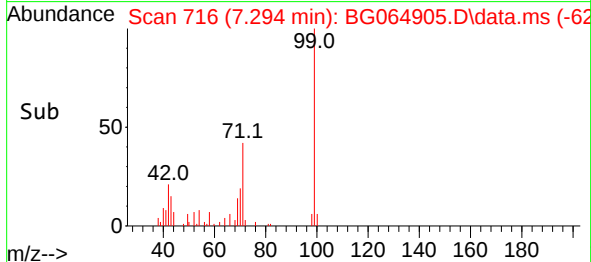
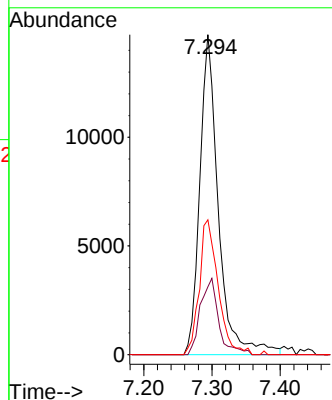
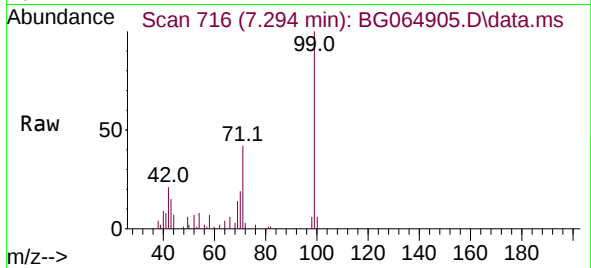




#7
Phenol-d6
Concen: 18.375 ng
RT: 7.294 min Scan# 716
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

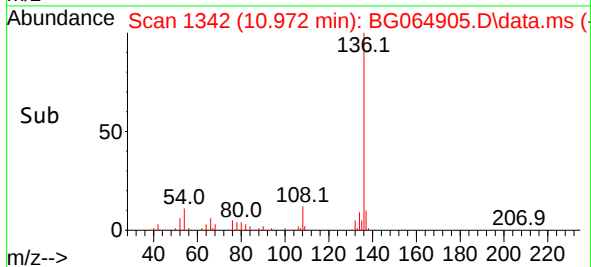
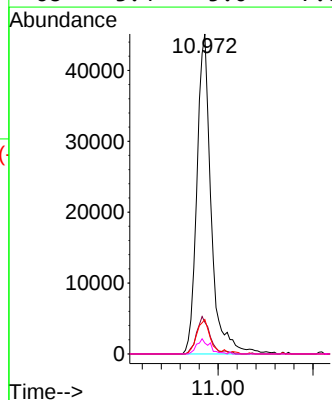
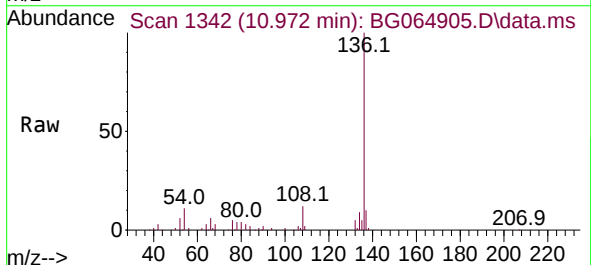
Instrument :
BNA_G
ClientSampleId :
COMP#2

Tgt Ion:	99	Resp:	27784
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	42.1	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:	136	Resp:	94047
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.3	13.9
54	10.7	9.3	13.9
68	3.4	5.0	7.6





#23

Nitrobenzene-d5

Concen: 24.732 ng

RT: 9.309 min Scan# 1062

Delta R.T. -0.021 min

Lab File: BG064905.D

Acq: 9 Dec 2025 14:59

Instrument :

BNA_G

ClientSampleId :

COMP#2

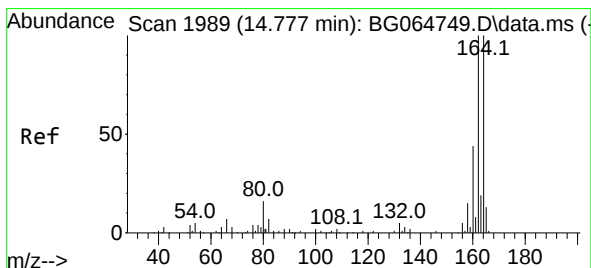
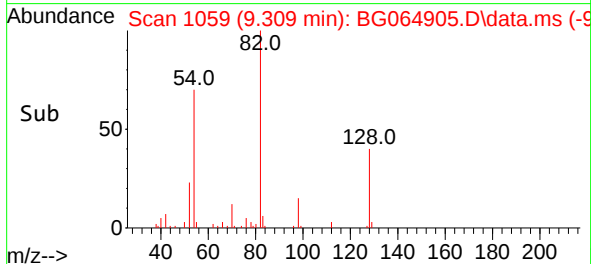
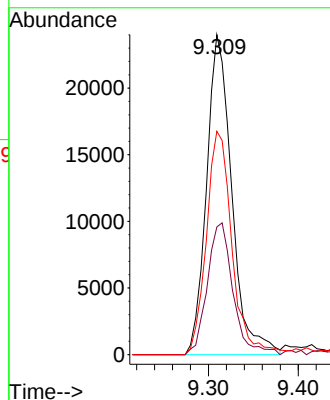
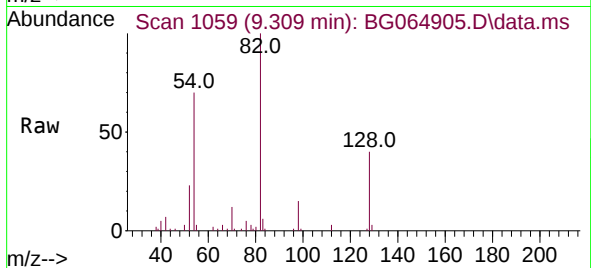
Tgt Ion: 82 Resp: 47044

Ion Ratio Lower Upper

82 100

128 39.9 34.1 51.1

54 69.8 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.762 min Scan# 1987

Delta R.T. -0.015 min

Lab File: BG064905.D

Acq: 9 Dec 2025 14:59

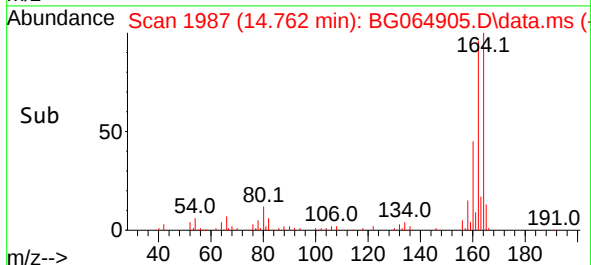
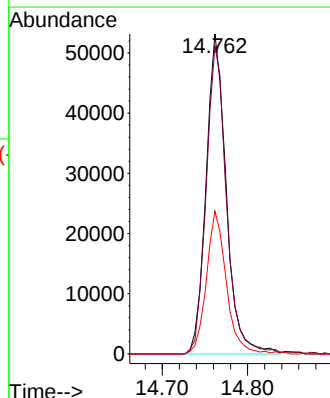
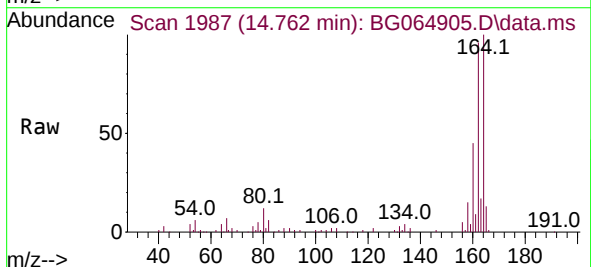
Tgt Ion: 164 Resp: 87351

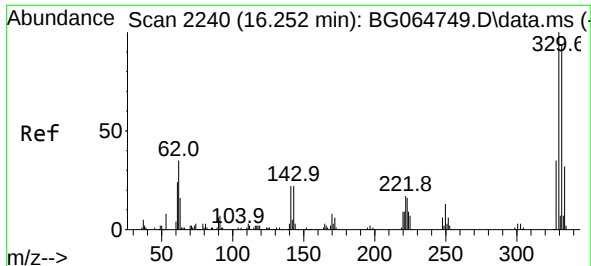
Ion Ratio Lower Upper

164 100

162 96.2 79.8 119.6

160 44.6 34.9 52.3

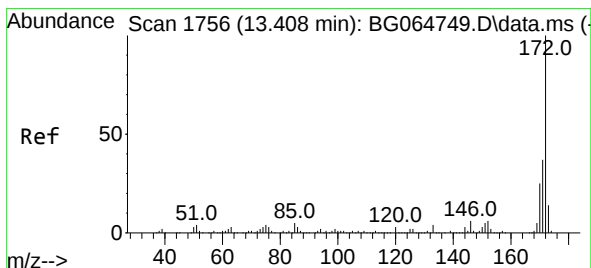
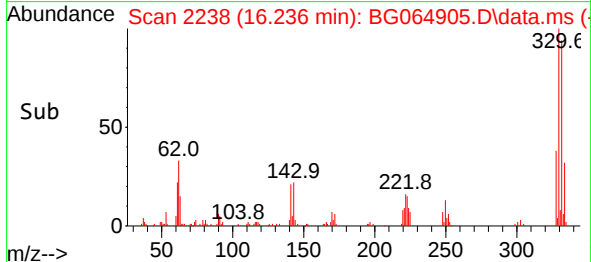
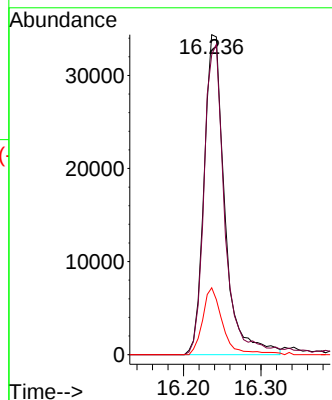
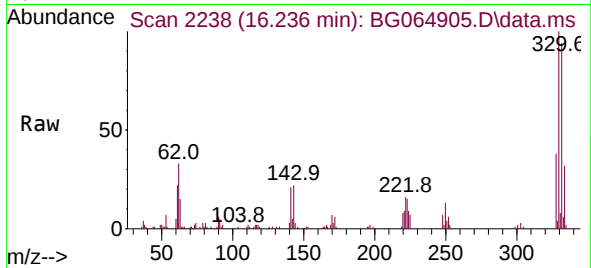




#42
 2,4,6-Tribromophenol
 Concen: 37.500 ng
 RT: 16.236 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG064905.D
 Acq: 9 Dec 2025 14:59

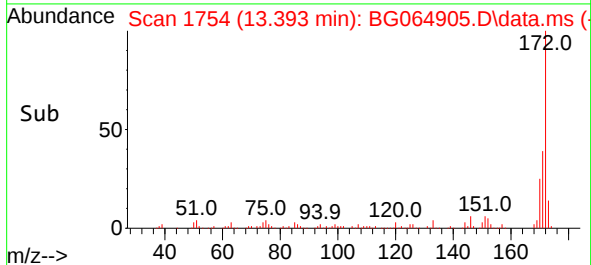
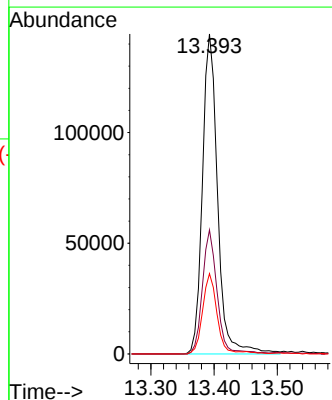
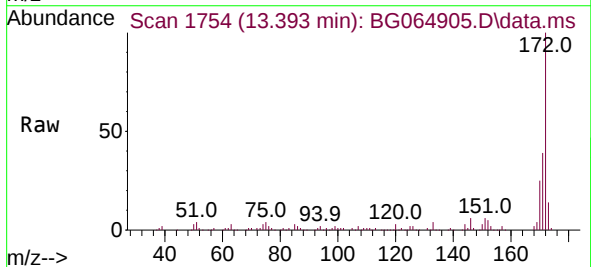
Instrument :
 BNA_G
 ClientSampleId :
 COMP#2

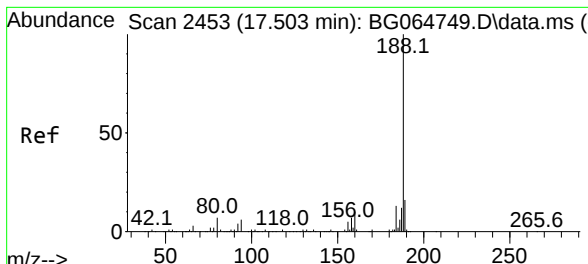
Tgt Ion:330 Resp: 63885
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 20.2 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 38.545 ng
 RT: 13.393 min Scan# 1754
 Delta R.T. -0.015 min
 Lab File: BG064905.D
 Acq: 9 Dec 2025 14:59

Tgt Ion:172 Resp: 241298
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.9 44.9
 170 25.1 19.8 29.6

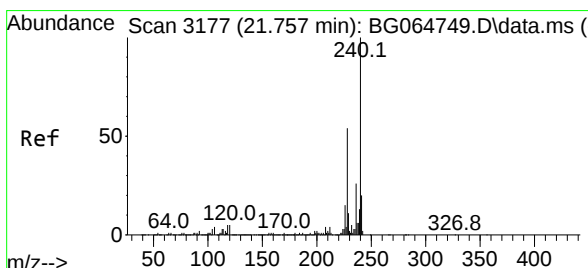
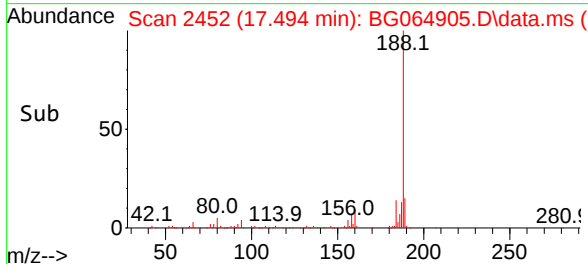
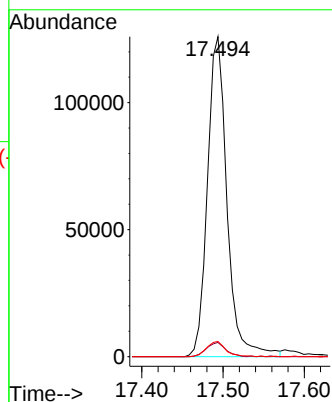
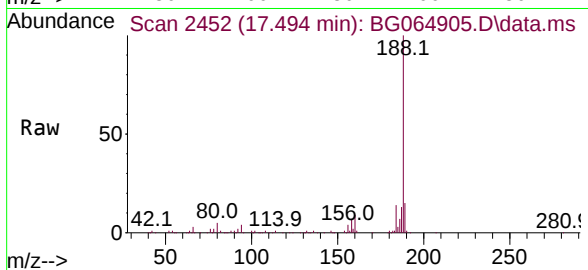




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2453
Delta R.T. -0.010 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

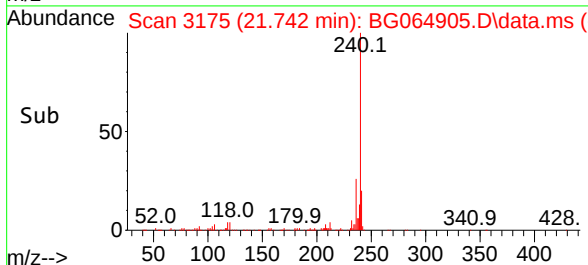
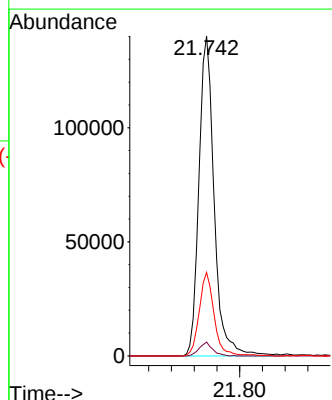
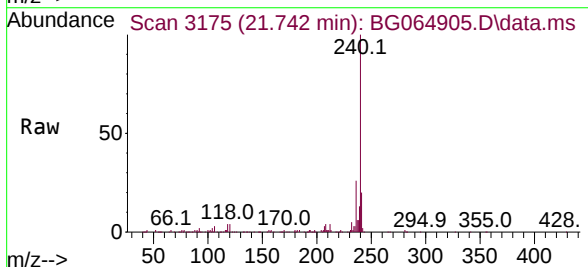
Instrument :
BNA_G
ClientSampleId :
COMP#2

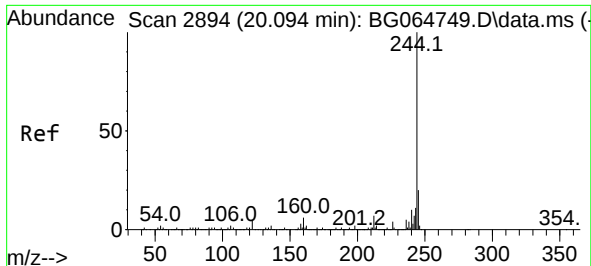
Tgt Ion:188 Resp: 211129
Ion Ratio Lower Upper
188 100
94 4.4 4.7 7.1#
80 4.7 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.015 min
Lab File: BG064905.D
Acq: 9 Dec 2025 14:59

Tgt Ion:240 Resp: 259762
Ion Ratio Lower Upper
240 100
120 4.3 4.2 6.4
236 26.1 20.8 31.2

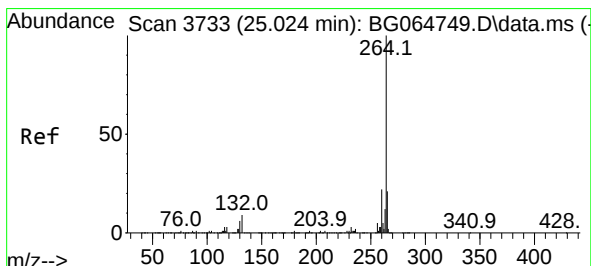
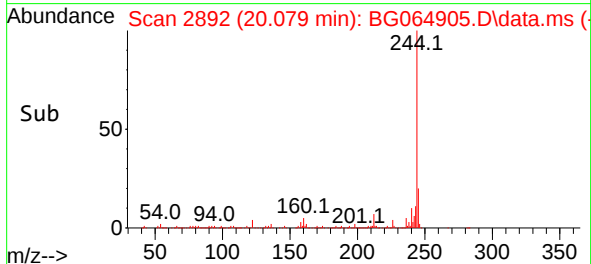
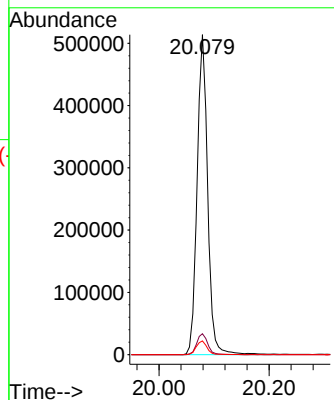
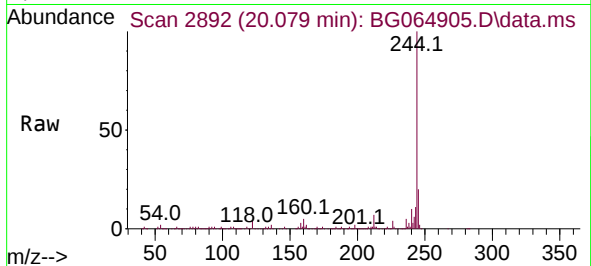




#79
 Terphenyl-d14
 Concen: 51.526 ng
 RT: 20.079 min Scan# 2892
 Delta R.T. -0.015 min
 Lab File: BG064905.D
 Acq: 9 Dec 2025 14:59

Instrument :
 BNA_G
 ClientSampleId :
 COMP#2

Tgt Ion:244 Resp: 680425
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 4.3 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.991 min Scan# 3728
 Delta R.T. -0.033 min
 Lab File: BG064905.D
 Acq: 9 Dec 2025 14:59

Tgt Ion:264 Resp: 291037
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.2 25.8
 265 21.6 16.6 25.0

