

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064939.D
 Acq On : 11 Dec 2025 18:16
 Operator : RC/JU
 Sample : Q3814-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Dec 11 22:42:45 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	12753	20.000	ng	-0.02
21) Naphthalene-d8	10.972	136	45681	20.000	ng	#-0.01
39) Acenaphthene-d10	14.762	164	41364	20.000	ng	-0.02
64) Phenanthrene-d10	17.494	188	113815	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	150678	20.000	ng	#-0.02
86) Perylene-d12	25.003	264	161616	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	120174	164.549	ng	0.00
7) Phenol-d6	7.300	99	138971	143.069	ng	0.00
23) Nitrobenzene-d5	9.315	82	103418	111.934	ng	-0.02
42) 2,4,6-Tribromophenol	16.243	330	209624	259.845	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	355226	119.829	ng	-0.02
79) Terphenyl-d14	20.085	244	1089703	142.260	ng	0.00

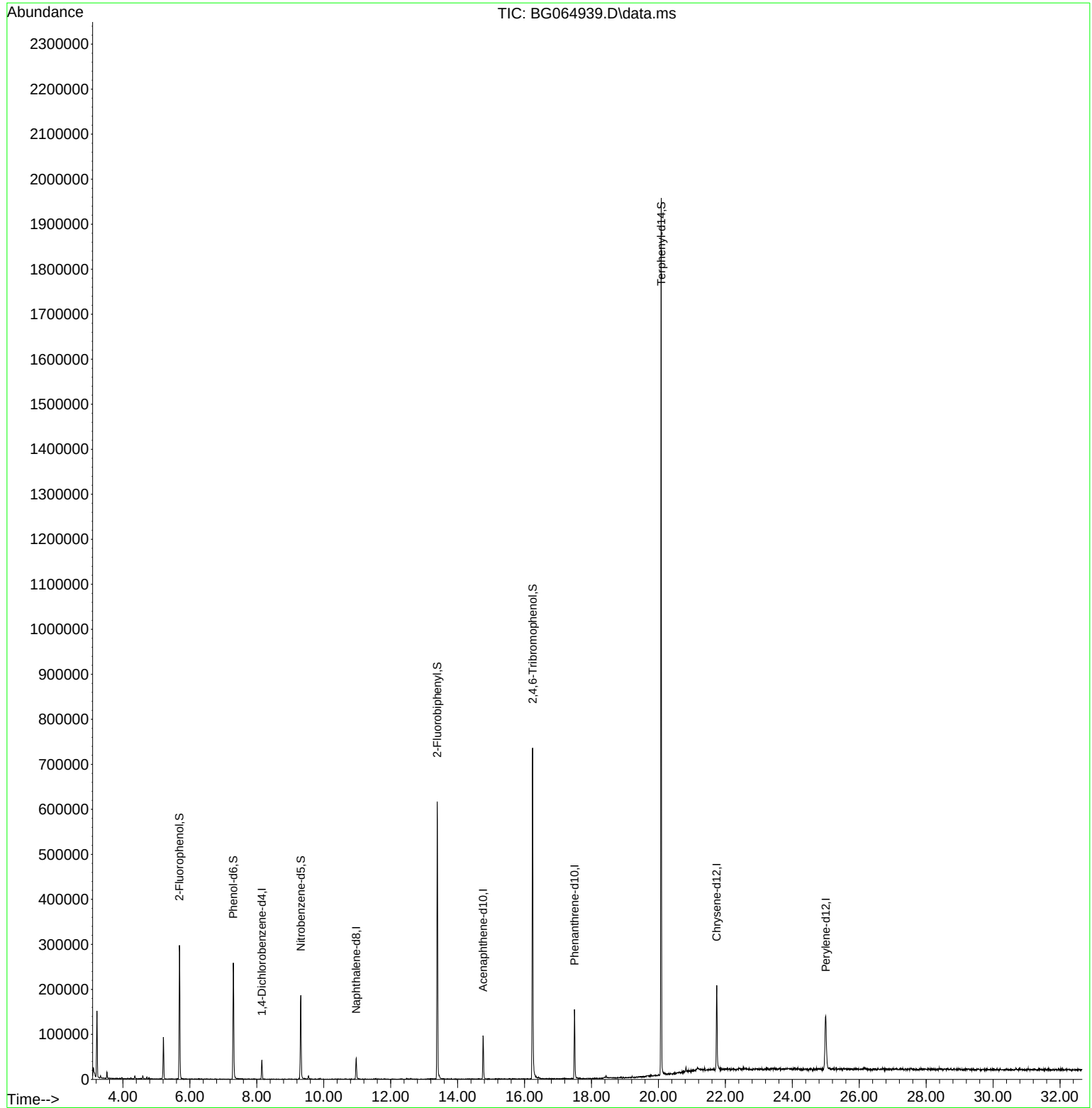
Target Compounds Qvalue

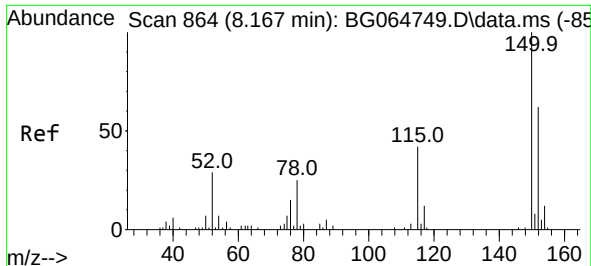
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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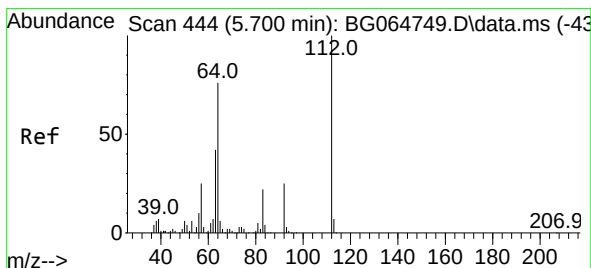
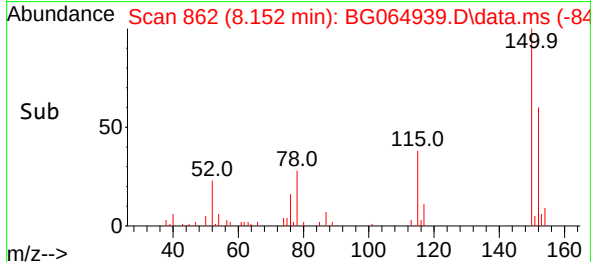
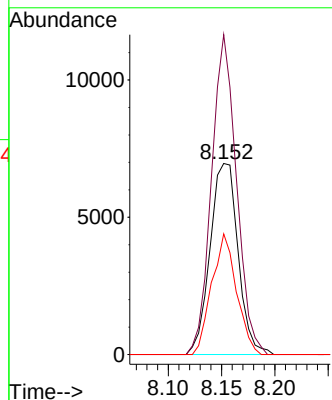
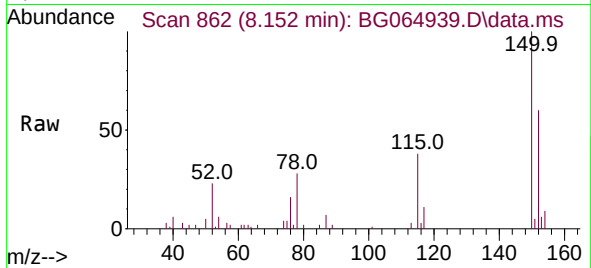




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 864
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

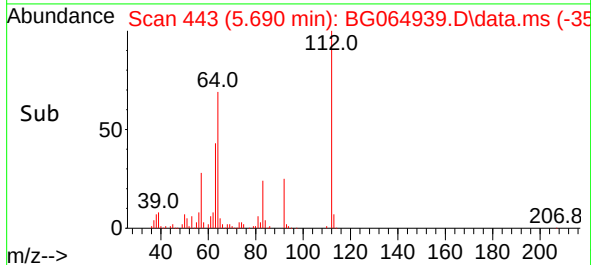
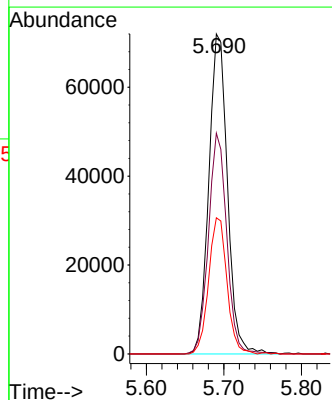
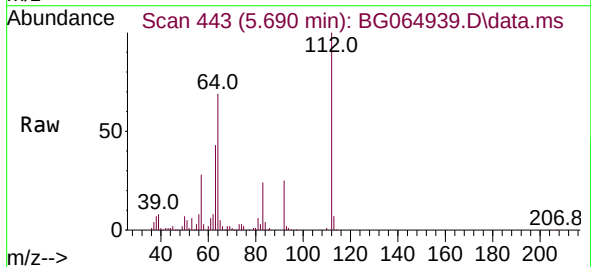
Instrument :
BNA_G
ClientSampleId :
TP-6

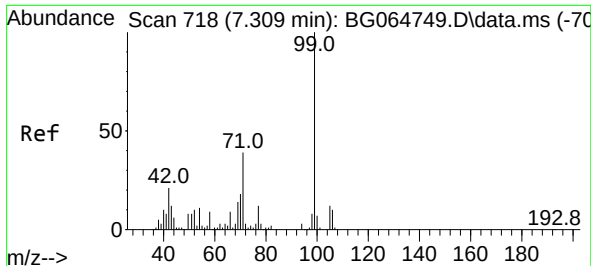
Tgt Ion:152 Resp: 12753
Ion Ratio Lower Upper
152 100
150 167.5 129.2 193.8
115 63.2 53.7 80.5



#5
2-Fluorophenol
Concen: 164.549 ng
RT: 5.690 min Scan# 443
Delta R.T. -0.009 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:112 Resp: 120174
Ion Ratio Lower Upper
112 100
64 69.0 61.0 91.4
63 42.5 33.3 49.9

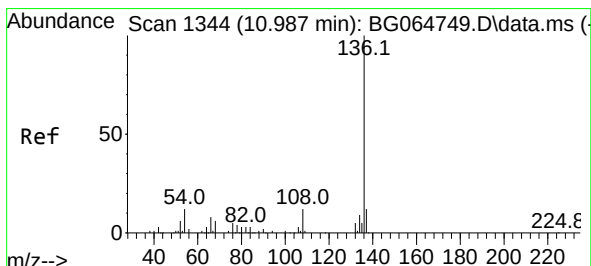
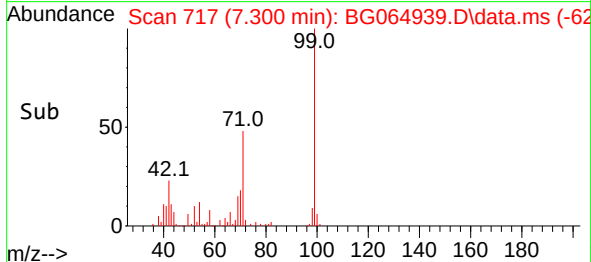
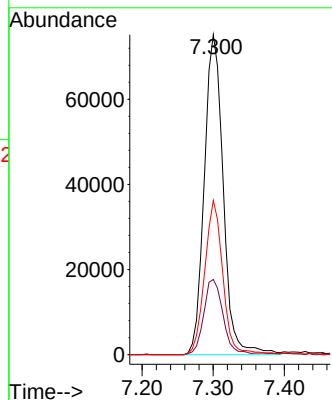
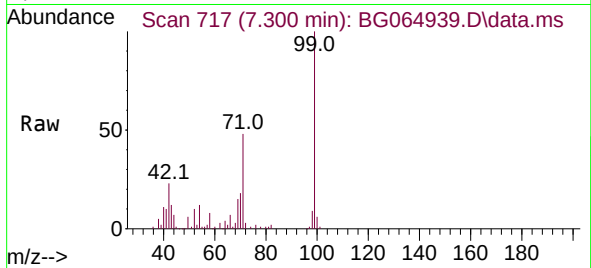




#7
Phenol-d6
Concen: 143.069 ng
RT: 7.300 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

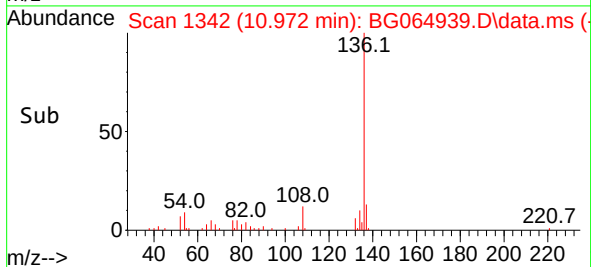
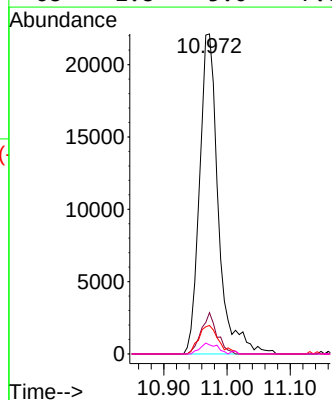
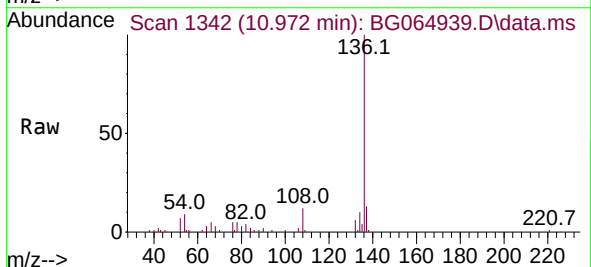
Instrument :
BNA_G
ClientSampleId :
TP-6

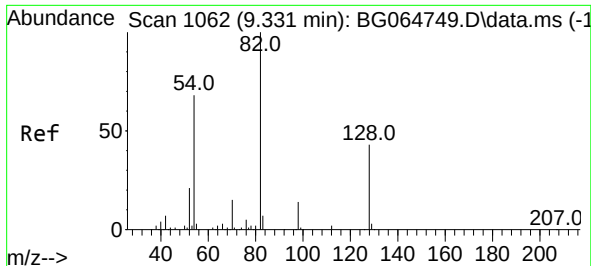
Tgt Ion:	99	Resp:	138971
Ion	Ratio	Lower	Upper
99	100		
42	23.5	16.8	25.2
71	48.2	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion:	136	Resp:	45681
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.3	13.9
54	8.9	9.3	13.9
68	2.8	5.0	7.6

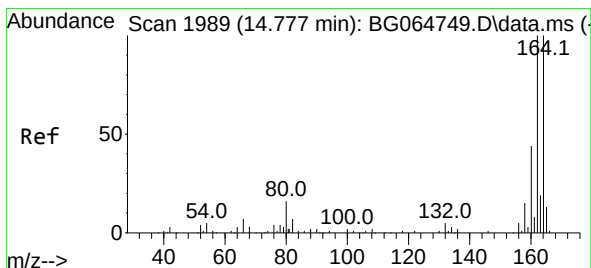
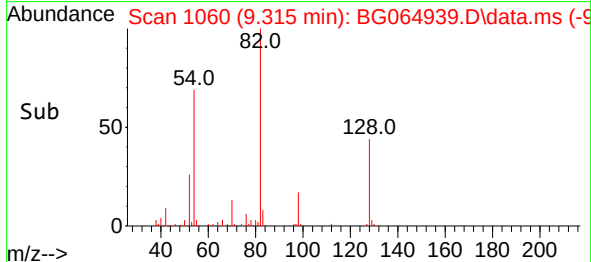
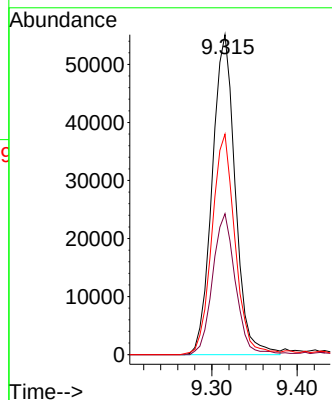
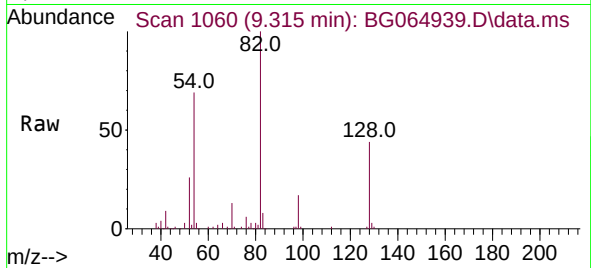




#23
Nitrobenzene-d5
Concen: 111.934 ng
RT: 9.315 min Scan# 1060
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

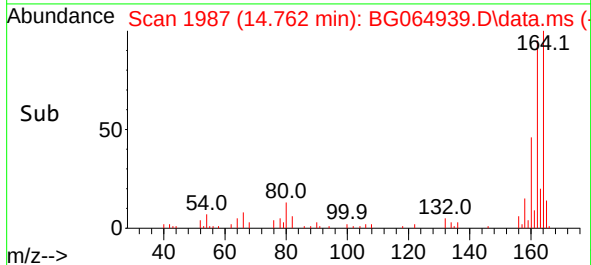
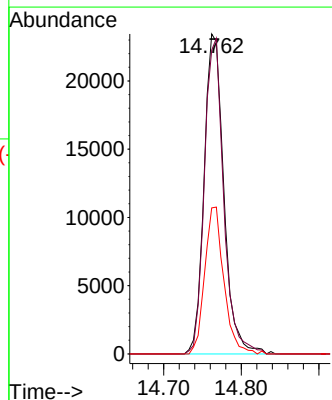
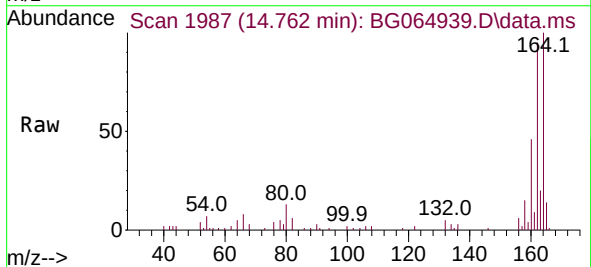
Instrument :
BNA_G
ClientSampleId :
TP-6

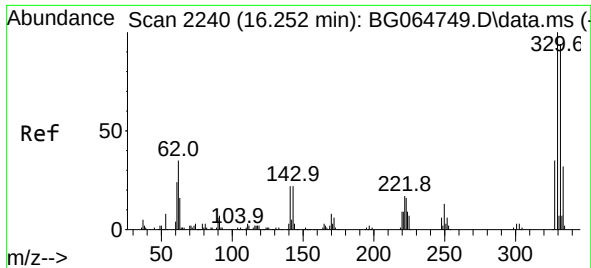
Tgt Ion: 82 Resp: 103418
Ion Ratio Lower Upper
82 100
128 44.0 34.1 51.1
54 68.9 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1987
Delta R.T. -0.015 min
Lab File: BG064939.D
Acq: 11 Dec 2025 18:16

Tgt Ion: 164 Resp: 41364
Ion Ratio Lower Upper
164 100
162 95.0 79.8 119.6
160 45.6 34.9 52.3

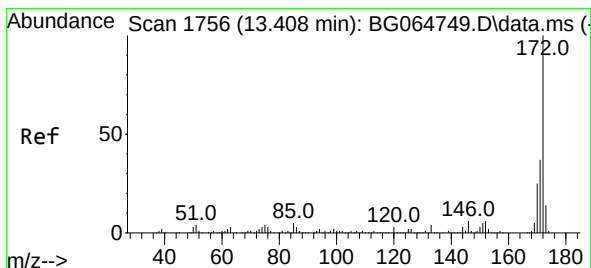
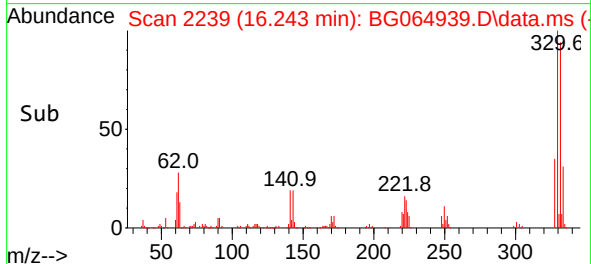
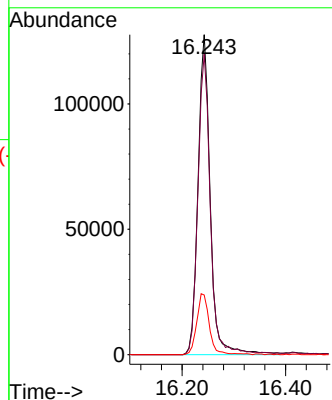
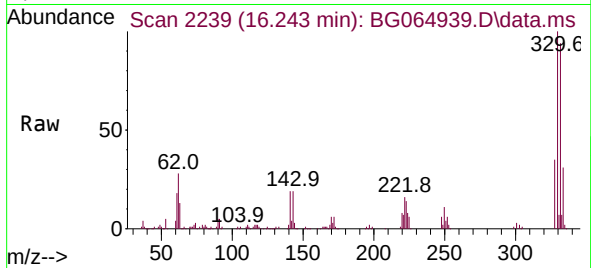




#42
 2,4,6-Tribromophenol
 Concen: 259.845 ng
 RT: 16.243 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG064939.D
 Acq: 11 Dec 2025 18:16

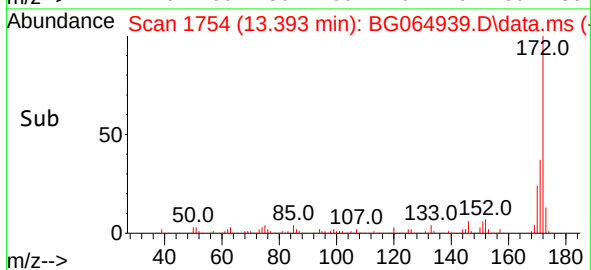
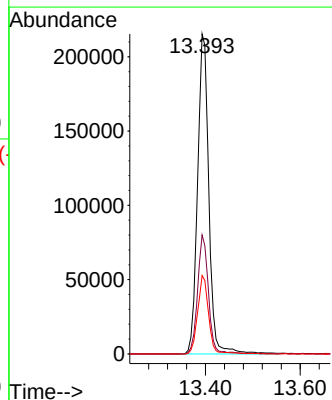
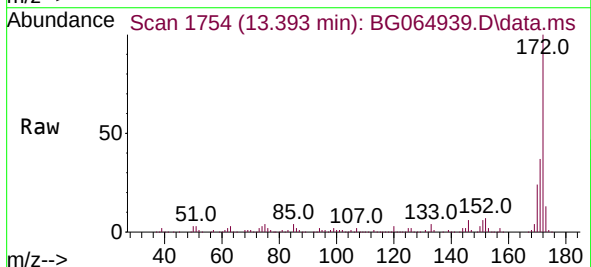
Instrument :
 BNA_G
 ClientSampleId :
 TP-6

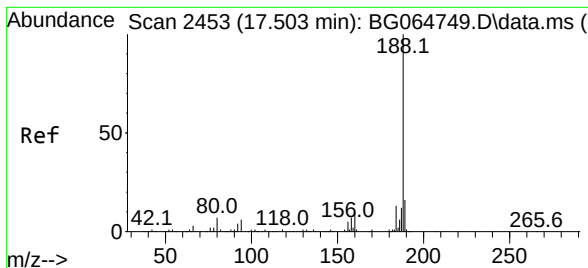
Tgt Ion:330 Resp: 209624
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 19.5 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 119.829 ng
 RT: 13.393 min Scan# 1754
 Delta R.T. -0.015 min
 Lab File: BG064939.D
 Acq: 11 Dec 2025 18:16

Tgt Ion:172 Resp: 355226
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.9 44.9
 170 24.5 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.494 min Scan# 2452

Delta R.T. -0.009 min

Lab File: BG064939.D

Acq: 11 Dec 2025 18:16

Instrument :

BNA_G

ClientSampleId :

TP-6

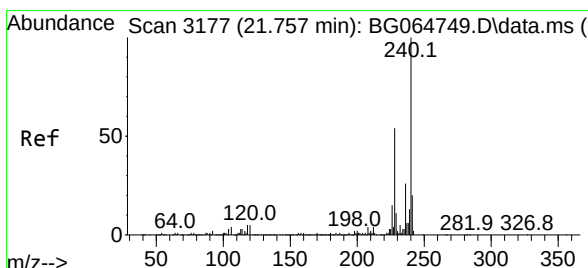
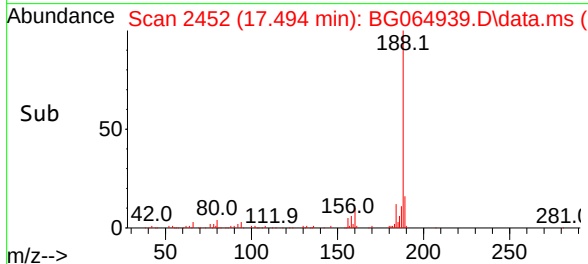
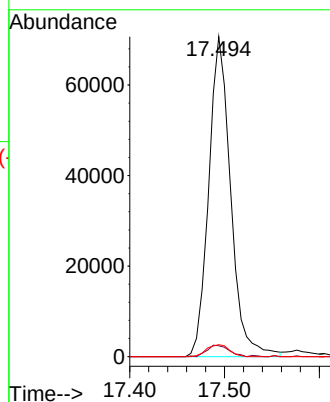
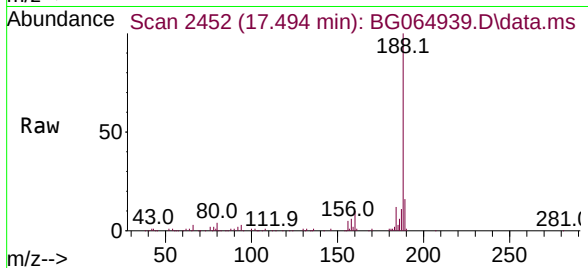
Tgt Ion:188 Resp: 113815

Ion Ratio Lower Upper

188 100

94 3.4 4.7 7.1#

80 4.1 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: BG064939.D

Acq: 11 Dec 2025 18:16

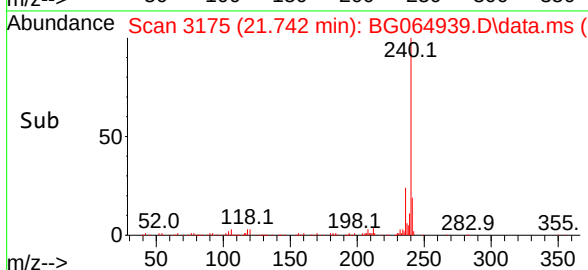
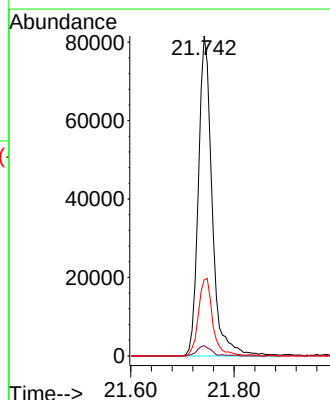
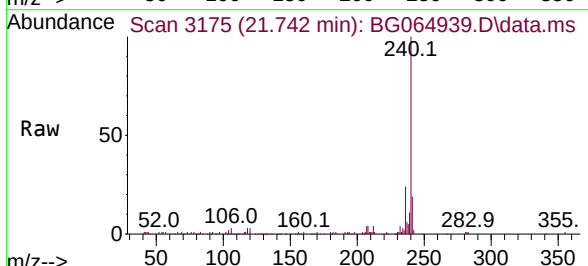
Tgt Ion:240 Resp: 150678

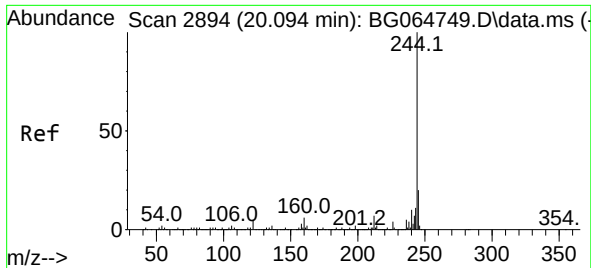
Ion Ratio Lower Upper

240 100

120 3.2 4.2 6.4#

236 23.8 20.8 31.2

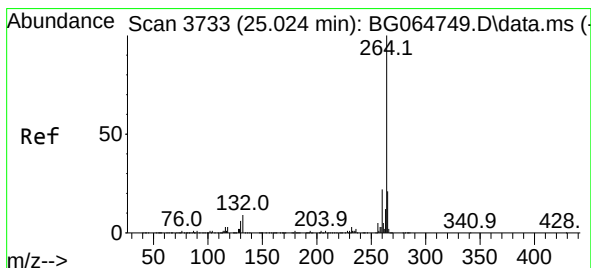
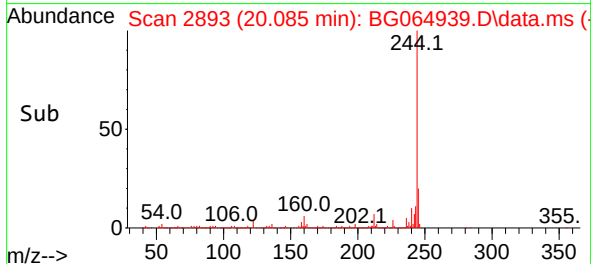
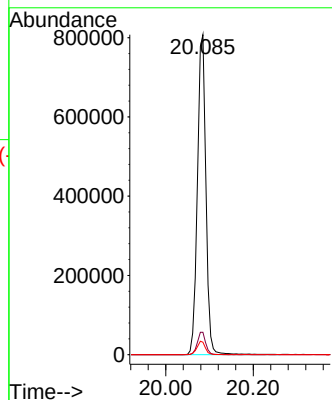
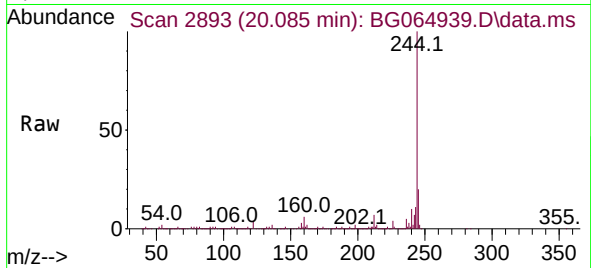




#79
 Terphenyl-d14
 Concen: 142.260 ng
 RT: 20.085 min Scan# 2893
 Delta R.T. -0.009 min
 Lab File: BG064939.D
 Acq: 11 Dec 2025 18:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 1089703
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 3.9 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3730
 Delta R.T. -0.021 min
 Lab File: BG064939.D
 Acq: 11 Dec 2025 18:16

Tgt Ion:264 Resp: 161616
 Ion Ratio Lower Upper
 264 100
 260 21.7 17.2 25.8
 265 21.1 16.6 25.0

