

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
 Data File : BG064913.D
 Acq On : 9 Dec 2025 20:25
 Operator : RC/JU
 Sample : Q3795-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200059

Quant Time: Dec 10 00:16:41 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	18551	20.000	ng	-0.02
21) Naphthalene-d8	10.969	136	70993	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	68210	20.000	ng	-0.01
64) Phenanthrene-d10	17.490	188	164648	20.000	ng	#-0.01
76) Chrysene-d12	21.738	240	216908	20.000	ng	#-0.02
86) Perylene-d12	24.993	264	233913	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	111530	104.984	ng	-0.01
7) Phenol-d6	7.297	99	131764	93.253	ng	-0.01
23) Nitrobenzene-d5	9.312	82	106108	73.899	ng	-0.02
42) 2,4,6-Tribromophenol	16.239	330	196415	147.647	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	363372	74.333	ng	-0.01
79) Terphenyl-d14	20.082	244	1170541	106.154	ng	-0.01

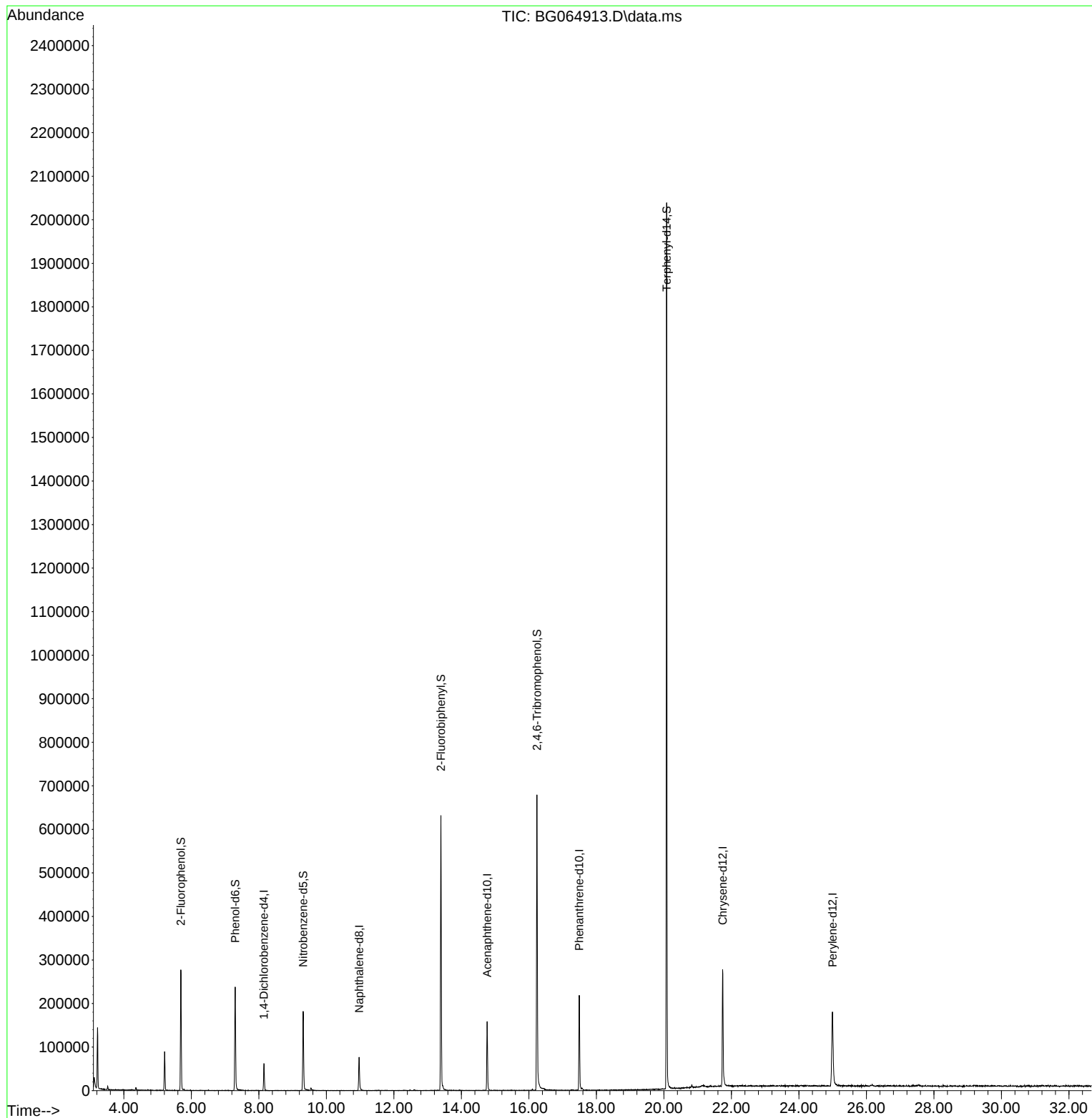
Target Compounds	Qvalue

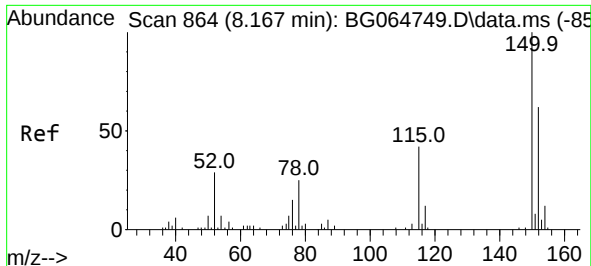
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064913.D
Acq On : 9 Dec 2025 20:25
Operator : RC/JU
Sample : Q3795-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Quant Time: Dec 10 00:16:41 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

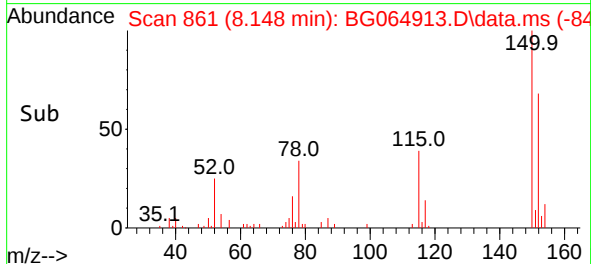
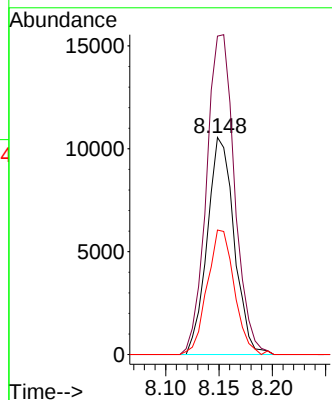
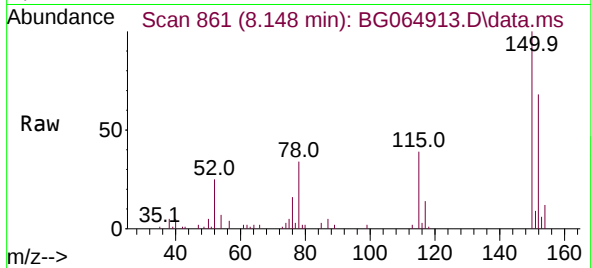




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.148 min Scan# 864
Delta R.T. -0.019 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

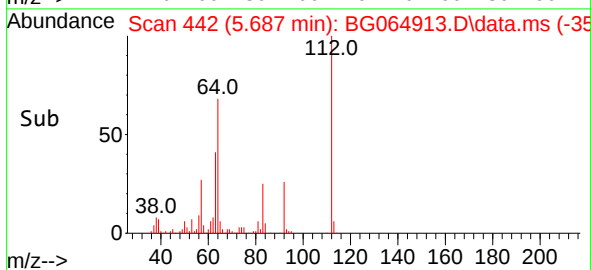
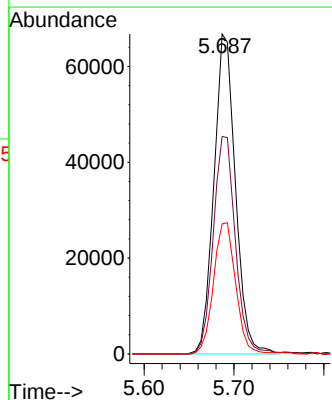
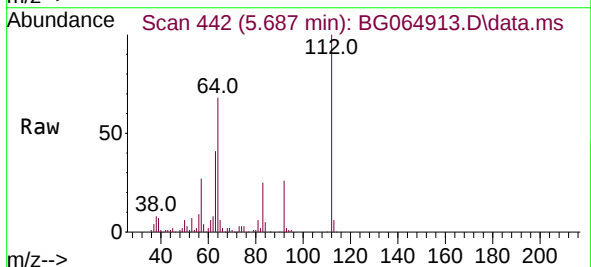
Instrument :
BNA_G
ClientSampleId :
RBR-200059

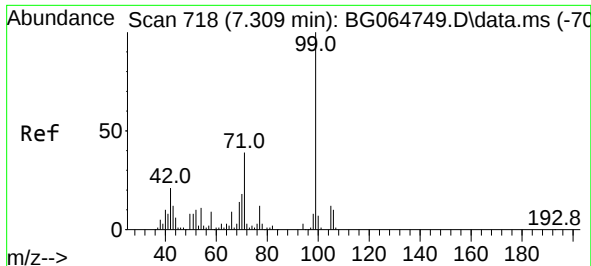
Tgt Ion:152 Resp: 18551
Ion Ratio Lower Upper
152 100
150 146.6 129.2 193.8
115 57.3 53.7 80.5



#5
2-Fluorophenol
Concen: 104.984 ng
RT: 5.687 min Scan# 442
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:112 Resp: 111530
Ion Ratio Lower Upper
112 100
64 68.0 61.0 91.4
63 40.6 33.3 49.9

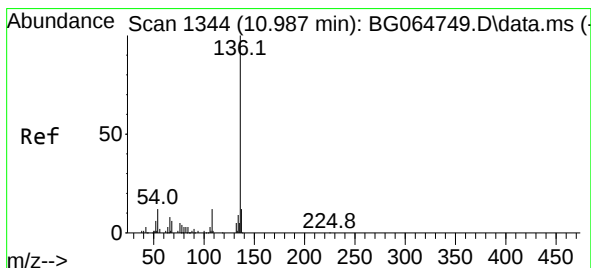
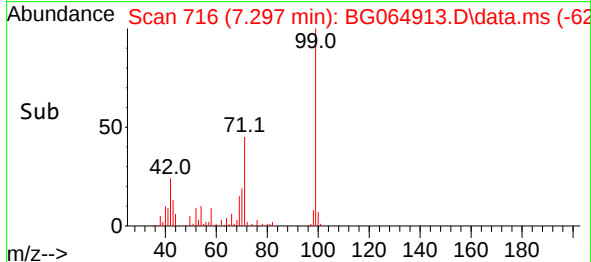
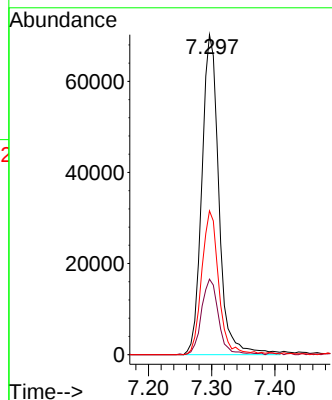
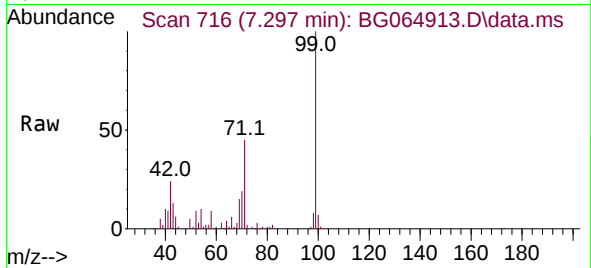




#7
Phenol-d6
Concen: 93.253 ng
RT: 7.297 min Scan# 718
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

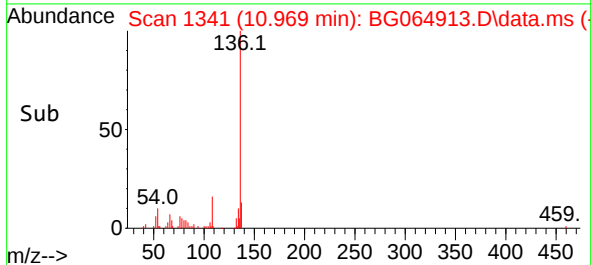
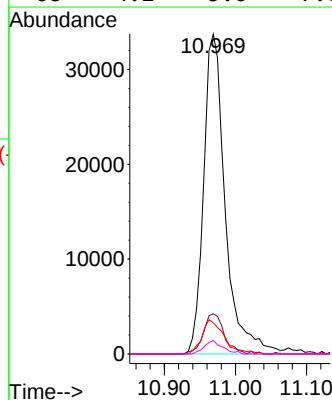
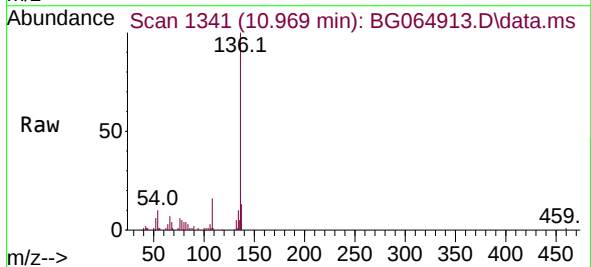
Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tgt Ion: 99 Resp: 131764
Ion Ratio Lower Upper
99 100
42 23.6 16.8 25.2
71 45.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1341
Delta R.T. -0.018 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion: 136 Resp: 70993
Ion Ratio Lower Upper
136 100
137 12.5 9.3 13.9
54 9.7 9.3 13.9
68 4.2 5.0 7.6#

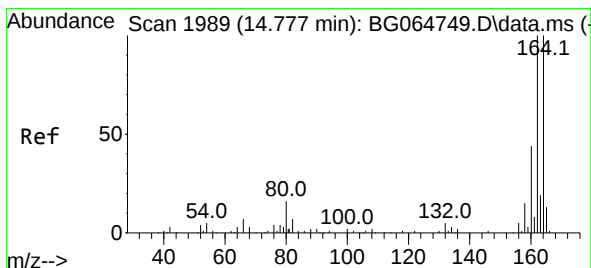
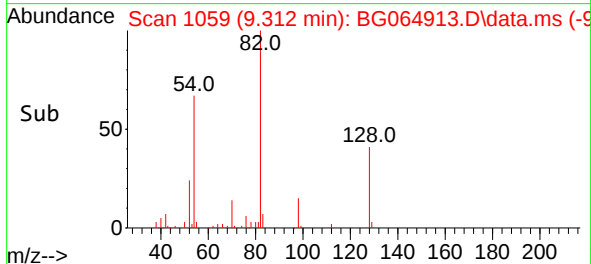
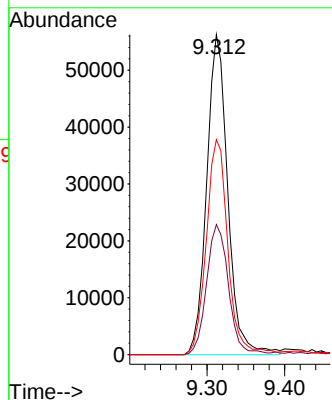
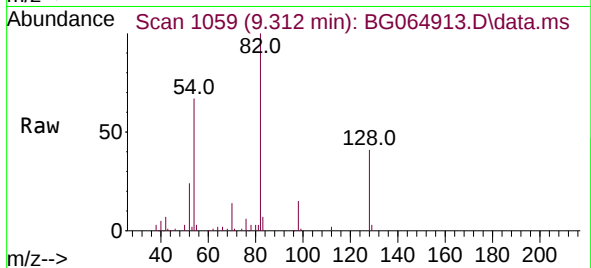




#23
Nitrobenzene-d5
Concen: 73.899 ng
RT: 9.312 min Scan# 1059
Delta R.T. -0.019 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

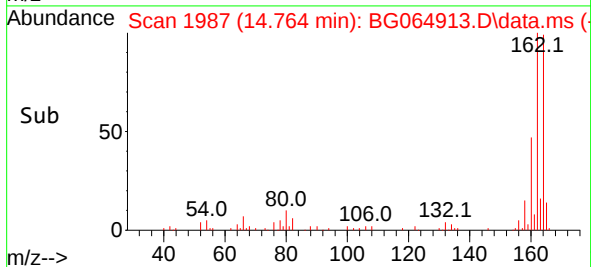
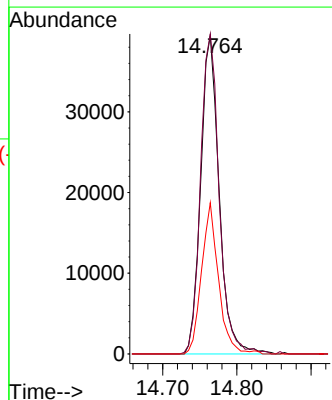
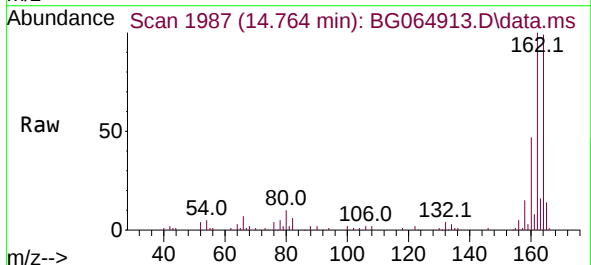
Instrument :
BNA_G
ClientSampleId :
RBR-200059

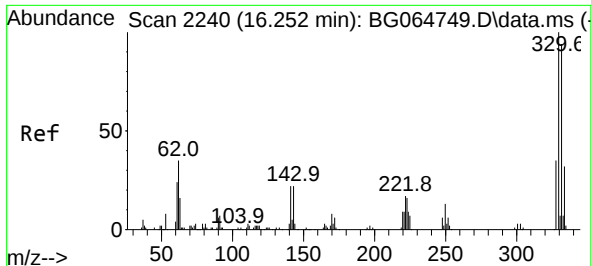
Tgt Ion: 82 Resp: 106108
Ion Ratio Lower Upper
82 100
128 40.6 34.1 51.1
54 67.2 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1987
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion: 164 Resp: 68210
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 47.5 34.9 52.3

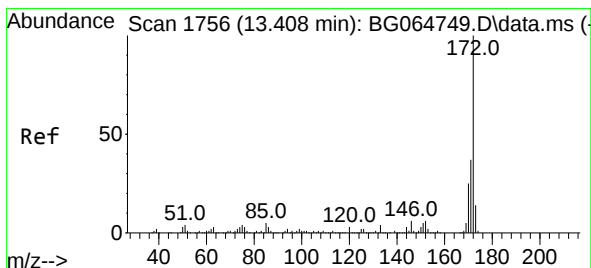
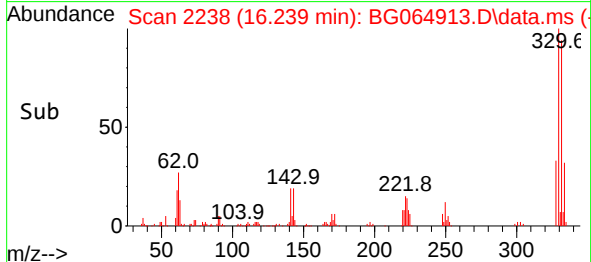
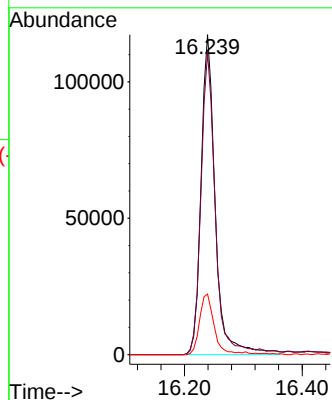
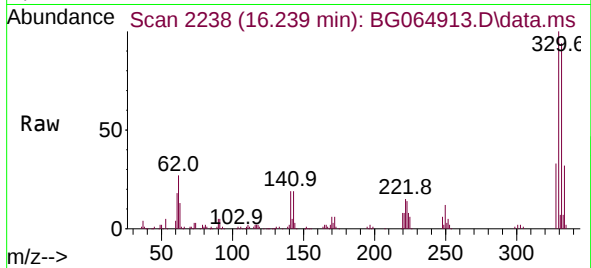




#42
2,4,6-Tribromophenol
Concen: 147.647 ng
RT: 16.239 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

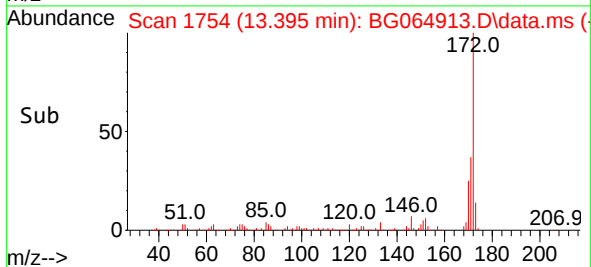
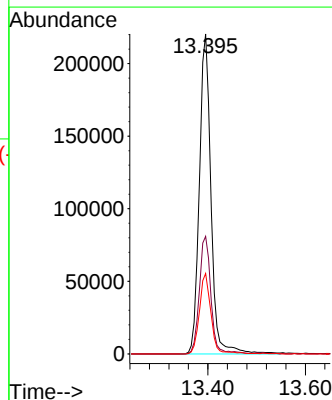
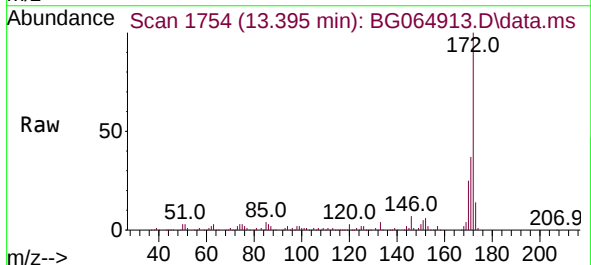
Instrument :
BNA_G
ClientSampleId :
RBR-200059

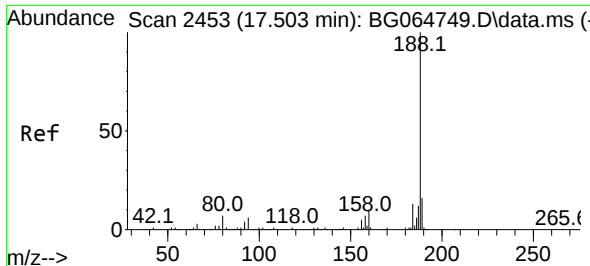
Tgt Ion:330 Resp: 196415
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 19.7 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 74.333 ng
RT: 13.395 min Scan# 1754
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:172 Resp: 363372
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 25.1 19.8 29.6

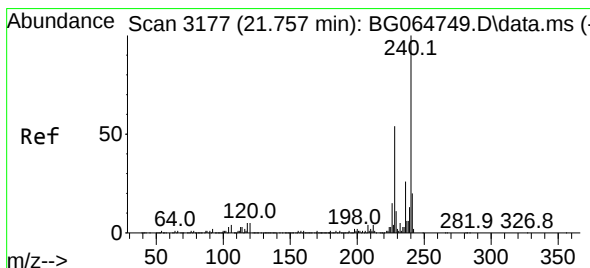
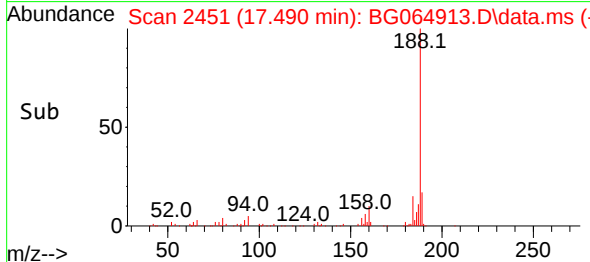
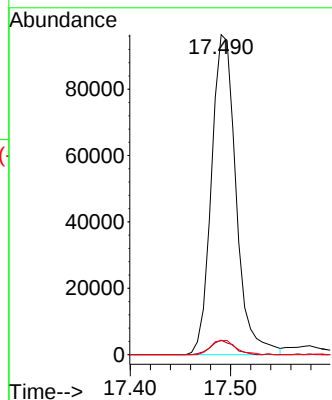
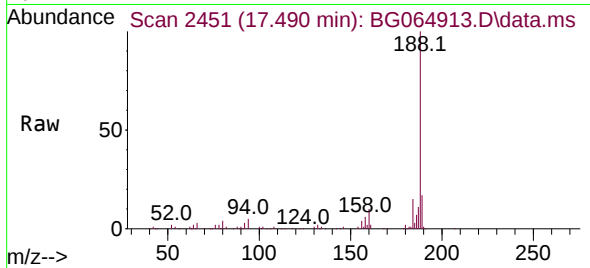




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.490 min Scan# 2453
Delta R.T. -0.013 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

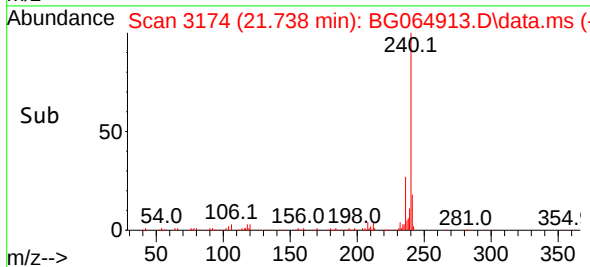
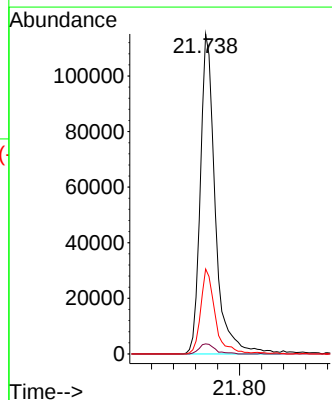
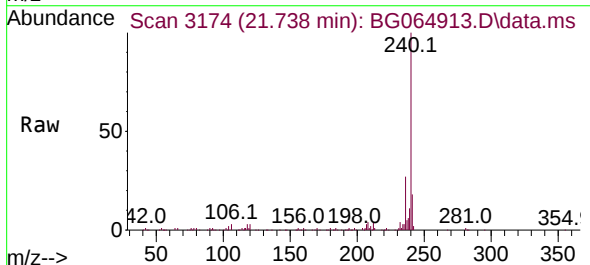
Instrument :
BNA_G
ClientSampleId :
RBR-200059

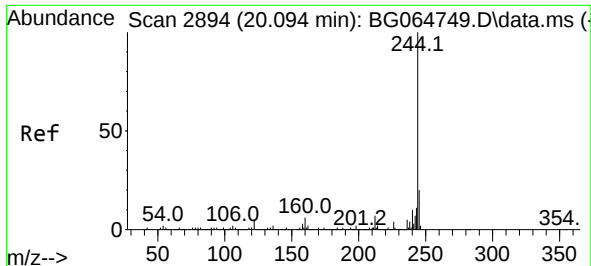
Tgt Ion:188 Resp: 164648
Ion Ratio Lower Upper
188 100
94 4.5 4.7 7.1#
80 4.3 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3174
Delta R.T. -0.019 min
Lab File: BG064913.D
Acq: 9 Dec 2025 20:25

Tgt Ion:240 Resp: 216908
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.4#
236 26.5 20.8 31.2

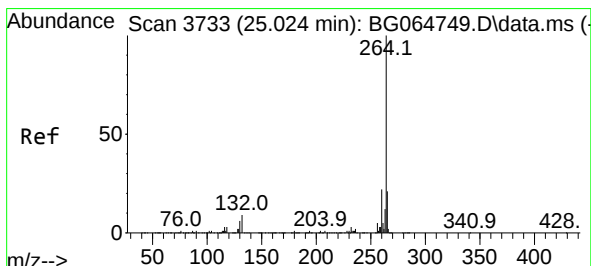
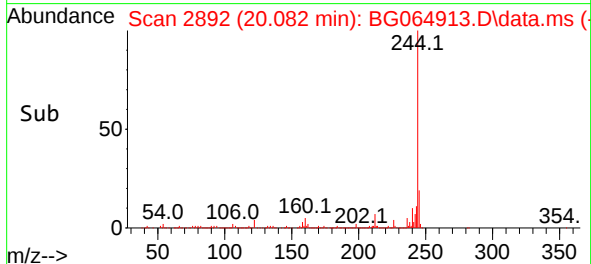
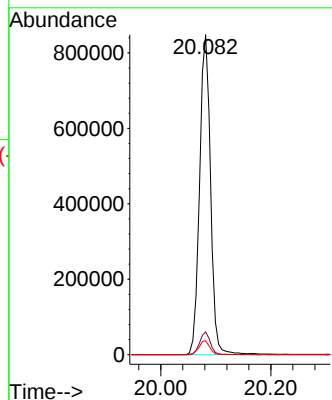
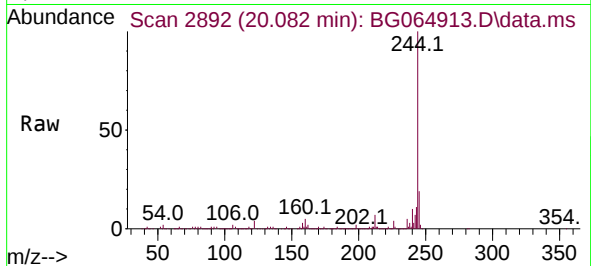




#79
 Terphenyl-d14
 Concen: 106.154 ng
 RT: 20.082 min Scan# 2892
 Delta R.T. -0.013 min
 Lab File: BG064913.D
 Acq: 9 Dec 2025 20:25

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200059

Tgt Ion:244 Resp: 1170541
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 4.3 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 3728
 Delta R.T. -0.030 min
 Lab File: BG064913.D
 Acq: 9 Dec 2025 20:25

Tgt Ion:264 Resp: 233913
 Ion Ratio Lower Upper
 264 100
 260 21.0 17.2 25.8
 265 21.6 16.6 25.0

