

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064809.D
 Acq On : 18 Nov 2025 19:04
 Operator : RC/JU
 Sample : Q3656-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

Quant Time: Nov 19 00:00:56 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)

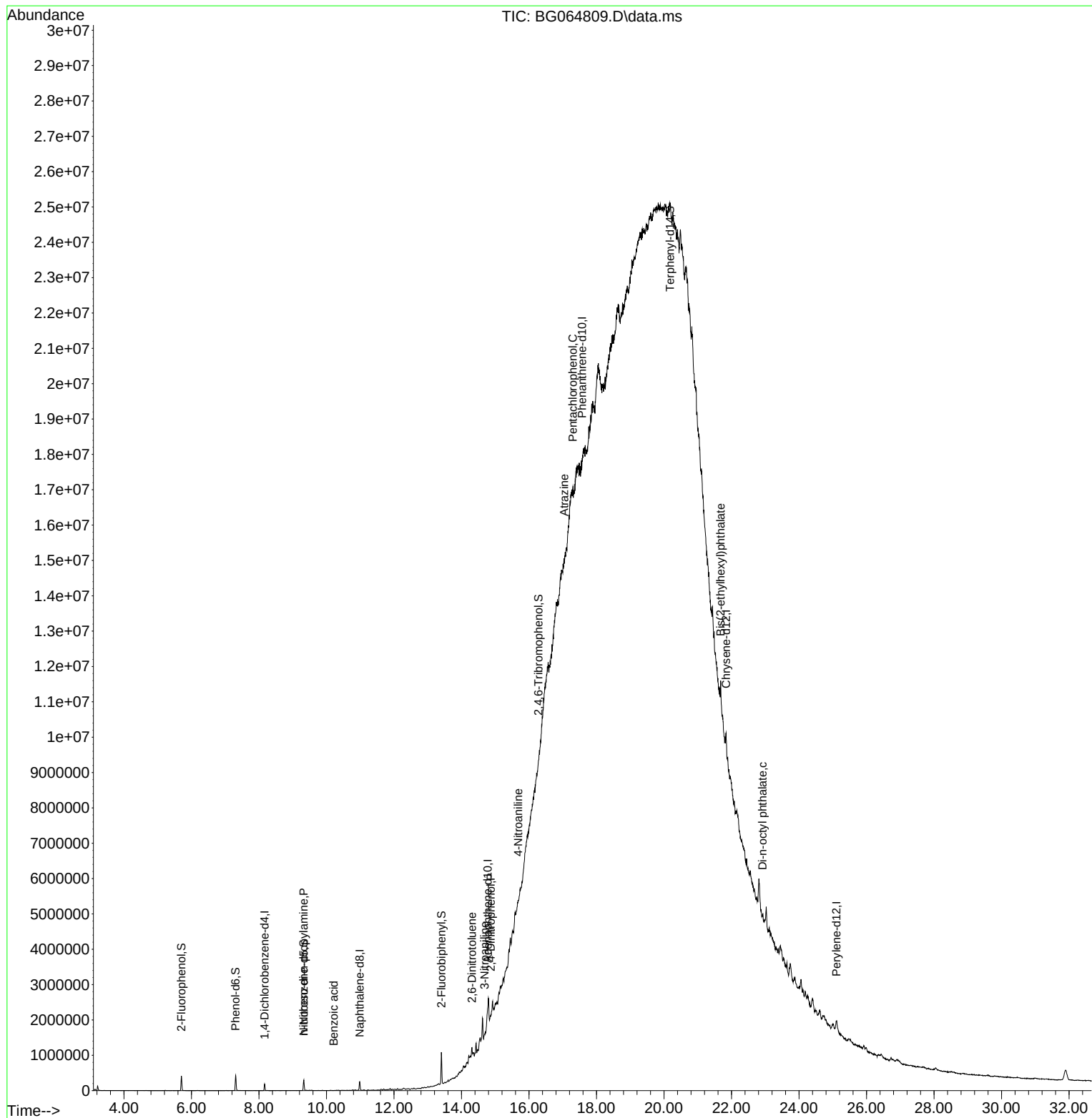
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	55498	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	200042	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	133402	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	232300	20.000	ng	# 0.07
76) Chrysene-d12	21.836	240	249400	20.000	ng	# 0.08
86) Perylene-d12	25.109	264	308487	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	182785	57.512	ng	0.00
7) Phenol-d6	7.306	99	252193	59.661	ng	0.00
23) Nitrobenzene-d5	9.327	82	178507	44.120	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	166046	63.821	ng	0.03
45) 2-Fluorobiphenyl	13.405	172	490306	51.284	ng	0.00
79) Terphenyl-d14	20.179	244	468799	36.976	ng	0.08
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.327	70	23959	8.383	ng	# 66
32) Benzoic acid	10.215	122	69	5.908	ng	89
51) 2,6-Dinitrotoluene	14.310	165	41902	20.664	ng	# 28
53) 3-Nitroaniline	14.686	138	5722	2.859	ng	# 19
54) 2,4-Dinitrophenol	14.868	184	129	8.667	ng	# 1
62) 4-Nitroaniline	15.679	138	7800	3.762	ng	82
69) Atrazine	17.042	200	24280	8.276	ng	# 1
70) Pentachlorophenol	17.300	266	8897	9.898	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.678	149	218189	30.370	ng	# 81
85) Di-n-octyl phthalate	22.917	149	57520	4.632	ng	# 72

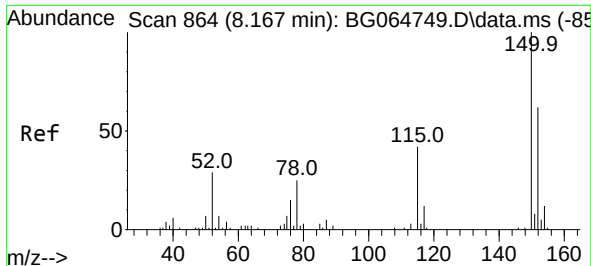
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
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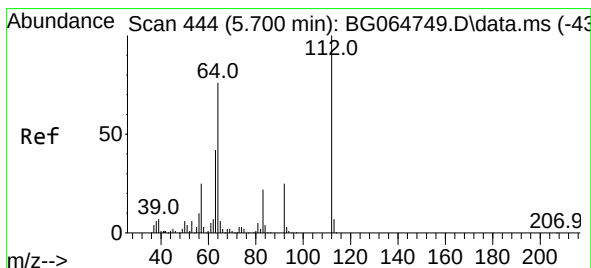
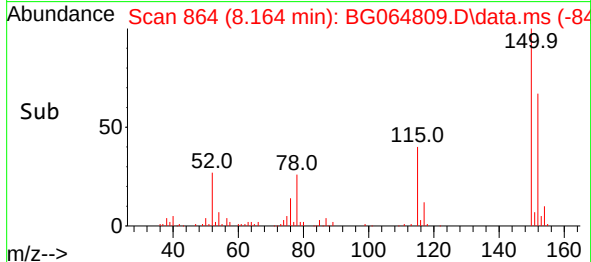
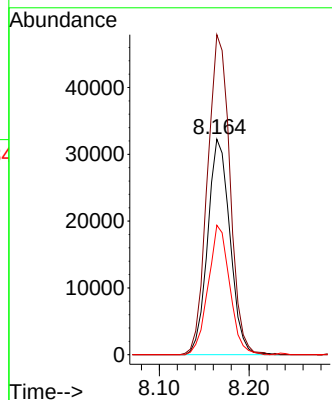
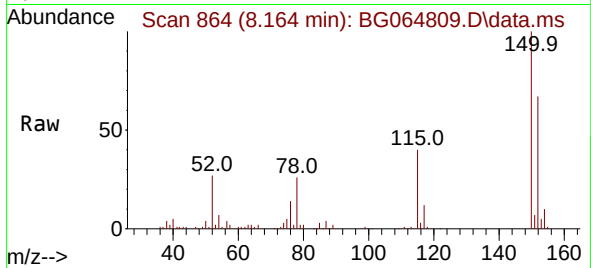




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

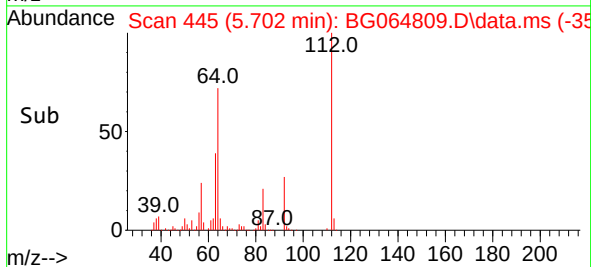
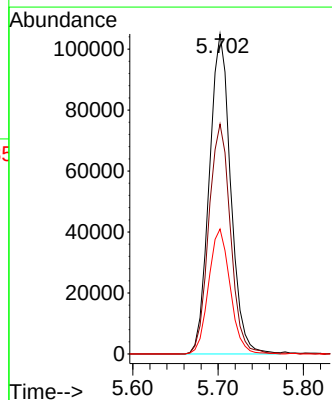
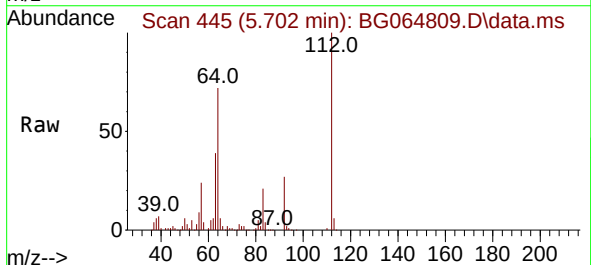
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

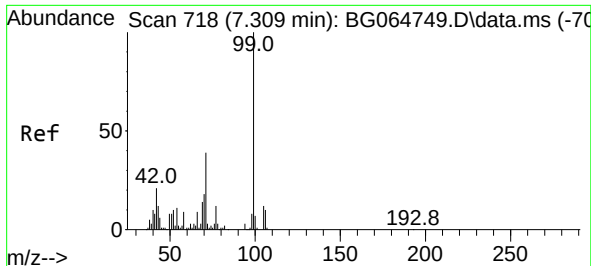
Tgt Ion:152 Resp: 55498
Ion Ratio Lower Upper
152 100
150 148.5 129.2 193.8
115 60.1 53.7 80.5



#5
2-Fluorophenol
Concen: 57.512 ng
RT: 5.702 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:112 Resp: 182785
Ion Ratio Lower Upper
112 100
64 71.9 61.0 91.4
63 39.1 33.3 49.9

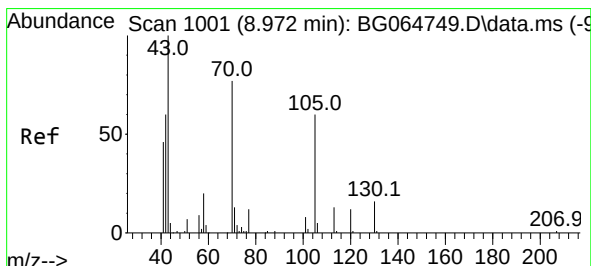
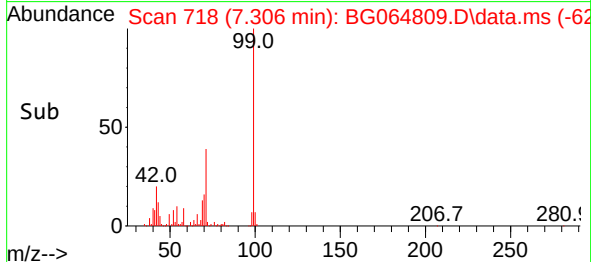
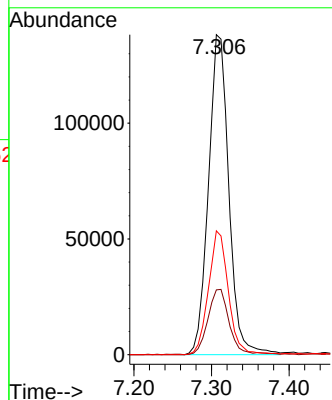
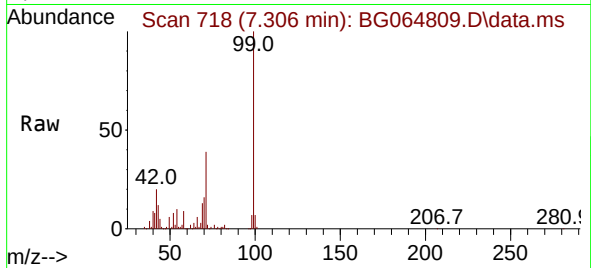




#7
Phenol-d6
Concen: 59.661 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

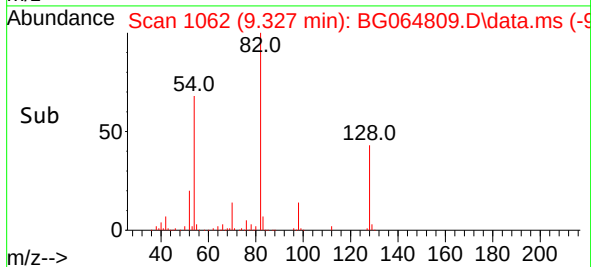
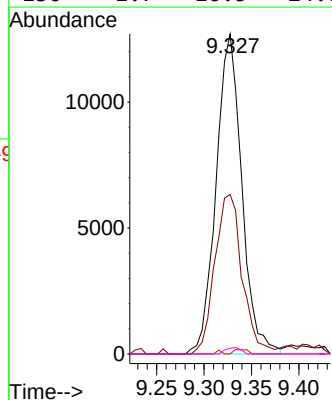
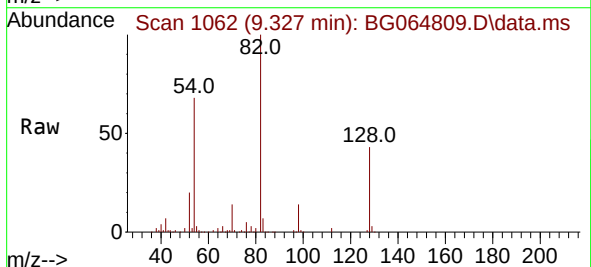
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

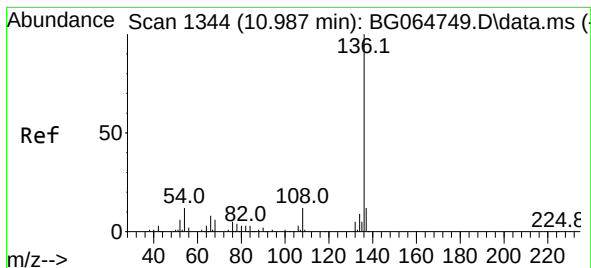
Tgt Ion: 99 Resp: 252193
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 38.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.383 ng
RT: 9.327 min Scan# 1062
Delta R.T. 0.355 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion: 70 Resp: 23959
Ion Ratio Lower Upper
70 100
42 49.9 62.6 93.8#
101 0.0 8.0 12.0#
130 1.7 16.5 24.7#

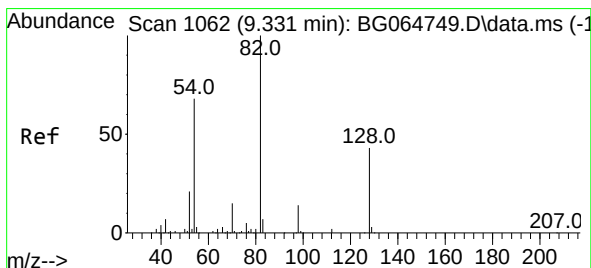
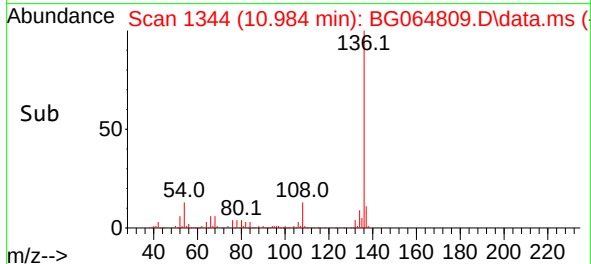
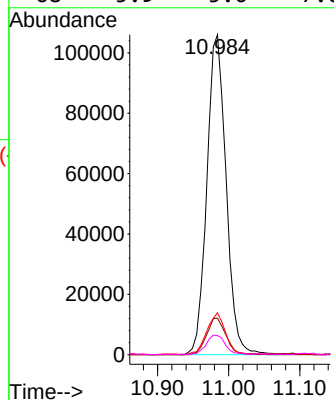
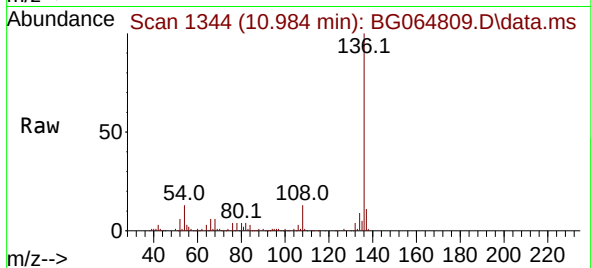




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

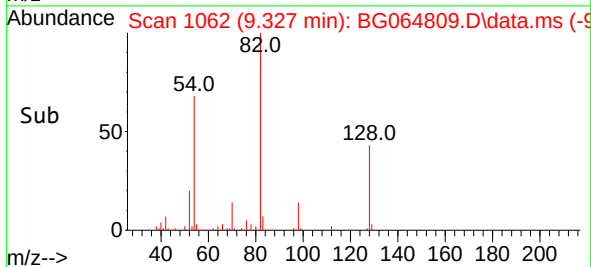
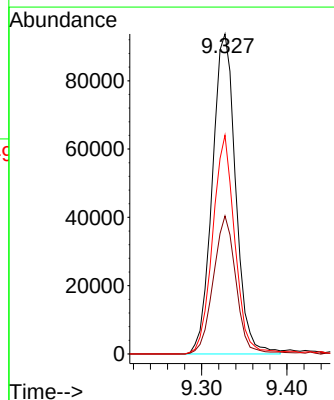
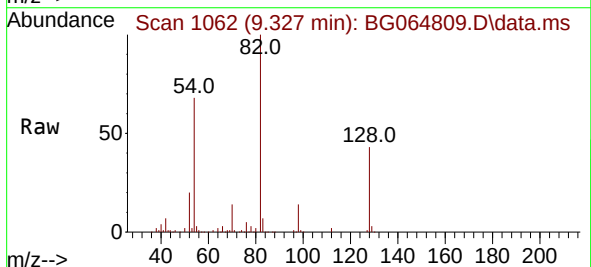
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

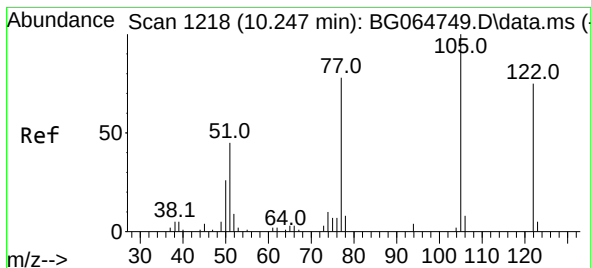
Tgt Ion:	136	Resp:	200042
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	13.0	9.3	13.9
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 44.120 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:	82	Resp:	178507
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.1	51.1
54	68.3	54.3	81.5





#32

Benzoic acid

Concen: 5.908 ng

RT: 10.215 min Scan# 11

Delta R.T. -0.032 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

Instrument :

BNA_G

ClientSampleId :

T2-GRAVEL

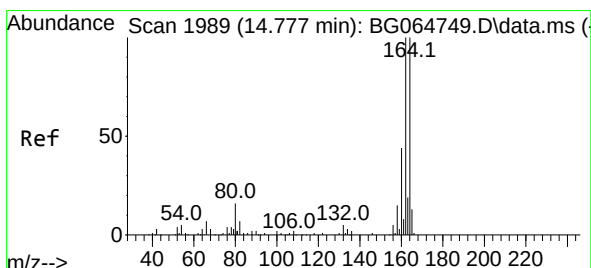
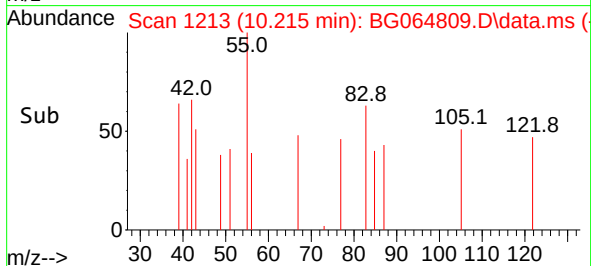
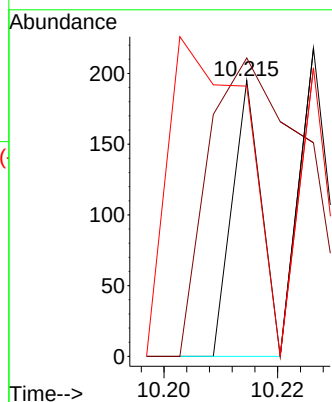
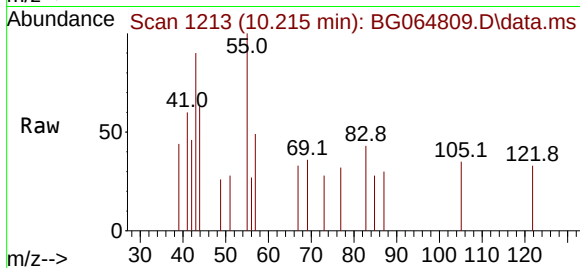
Tgt Ion:122 Resp: 69

Ion Ratio Lower Upper

122 100

105 108.2 107.6 147.6

77 97.9 82.5 122.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1990

Delta R.T. 0.003 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

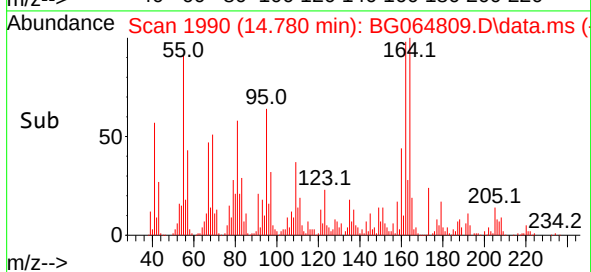
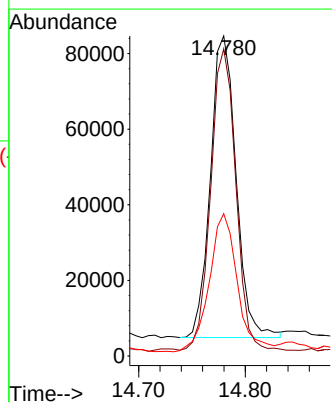
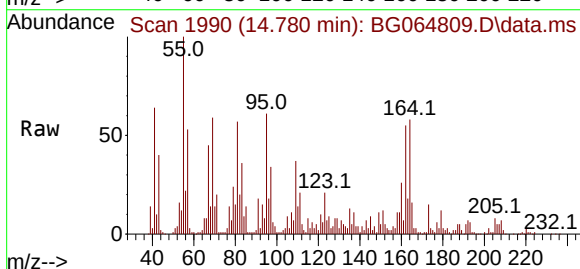
Tgt Ion:164 Resp: 133402

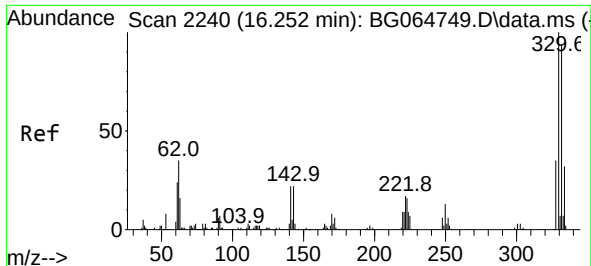
Ion Ratio Lower Upper

164 100

162 95.9 79.8 119.6

160 44.5 34.9 52.3

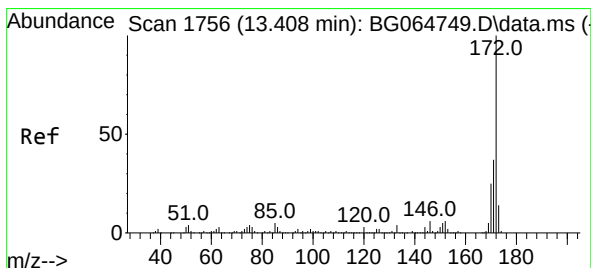
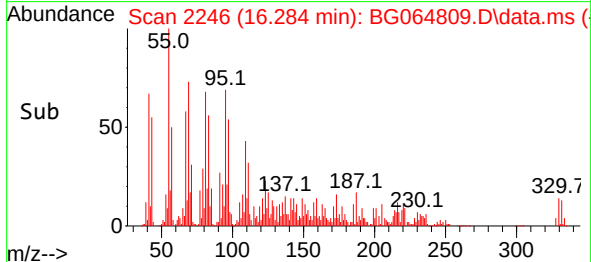
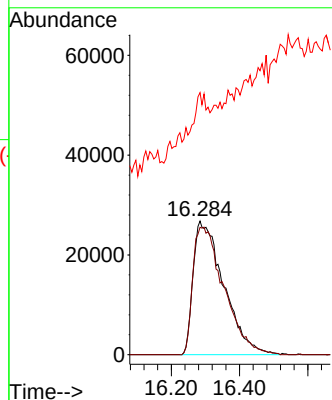
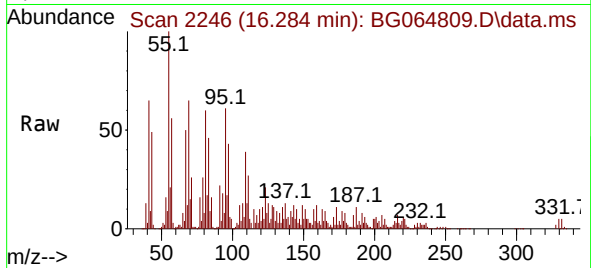




#42
2,4,6-Tribromophenol
Concen: 63.821 ng
RT: 16.284 min Scan# 21
Delta R.T. 0.032 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

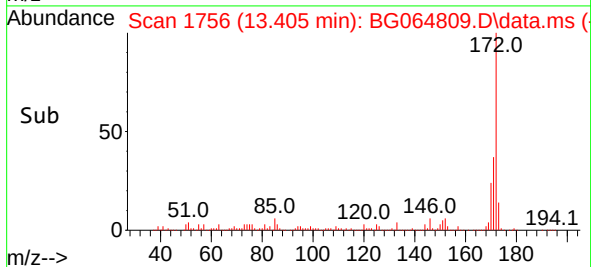
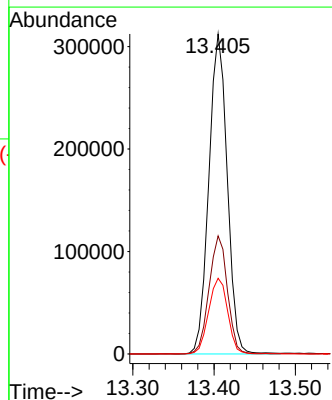
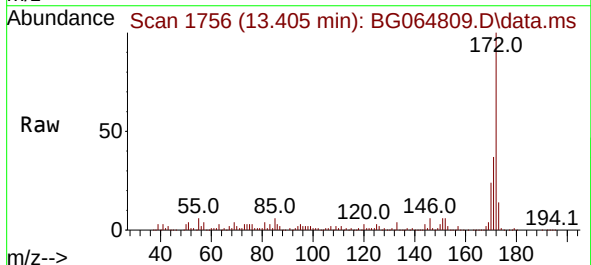
Instrument :
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ClientSampleId :
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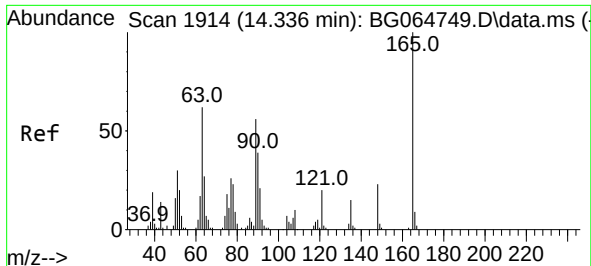
Tgt Ion:330 Resp: 166046
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 6.7 18.2 27.2#



#45
2-Fluorobiphenyl
Concen: 51.284 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:172 Resp: 490306
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 23.7 19.8 29.6

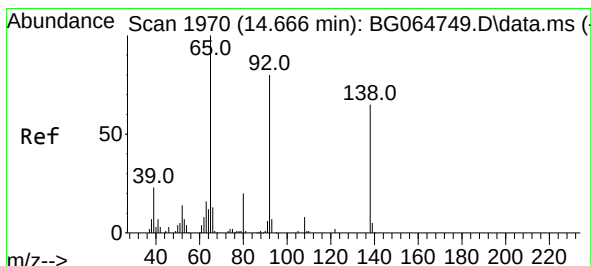
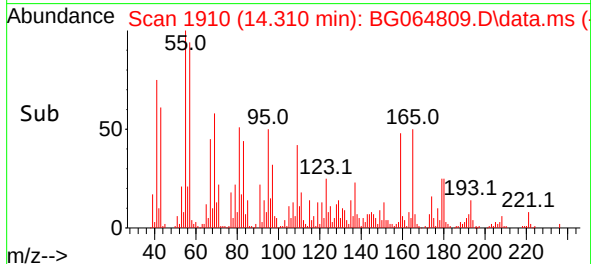
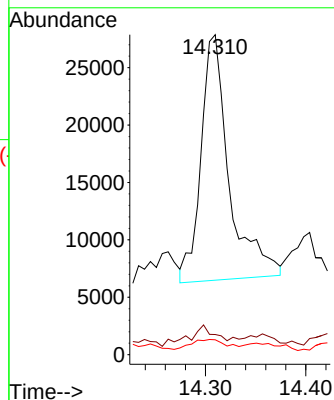
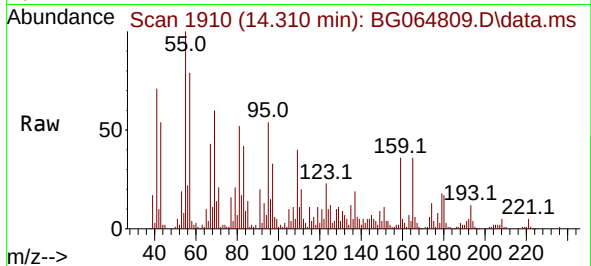




#51
2,6-Dinitrotoluene
Concen: 20.664 ng
RT: 14.310 min Scan# 1910
Delta R.T. -0.027 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

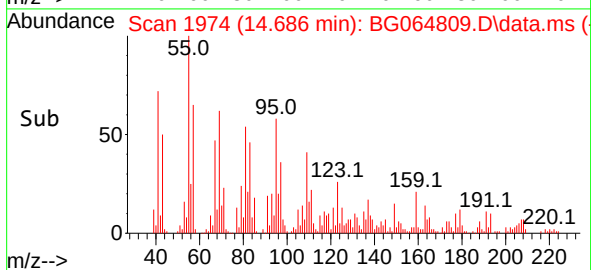
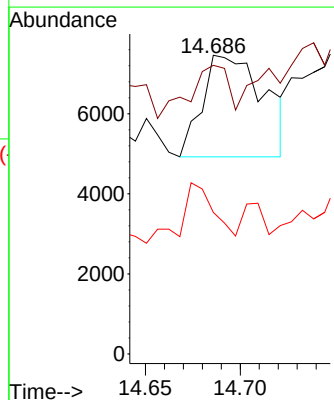
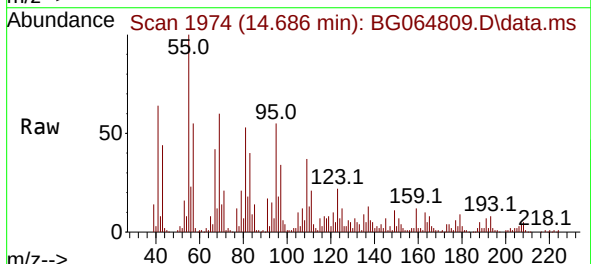
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

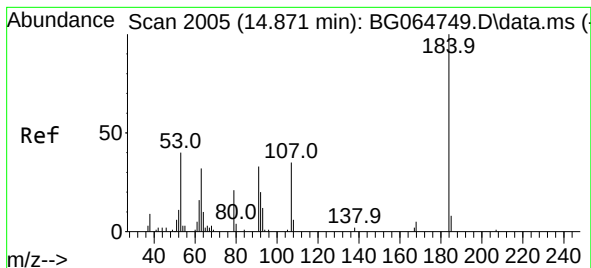
Tgt Ion:165 Resp: 41902
Ion Ratio Lower Upper
165 100
63 6.3 49.8 74.8#
89 4.7 45.0 67.4#



#53
3-Nitroaniline
Concen: 2.859 ng
RT: 14.686 min Scan# 1974
Delta R.T. 0.020 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:138 Resp: 5722
Ion Ratio Lower Upper
138 100
108 96.6 9.5 14.3#
92 47.4 99.0 148.4#

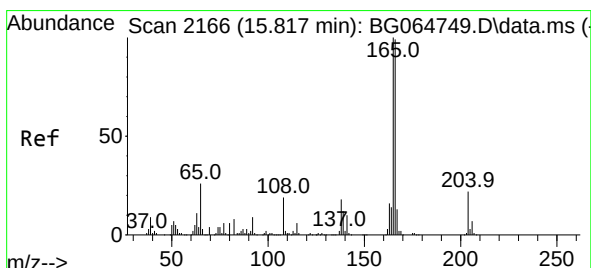
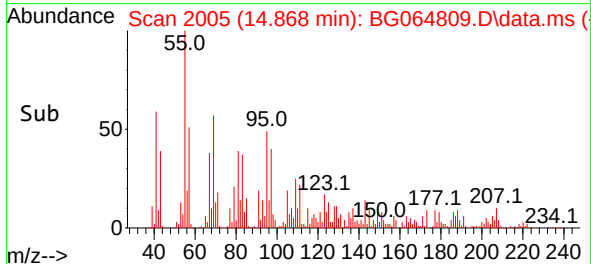
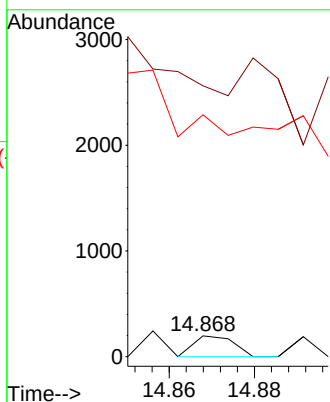
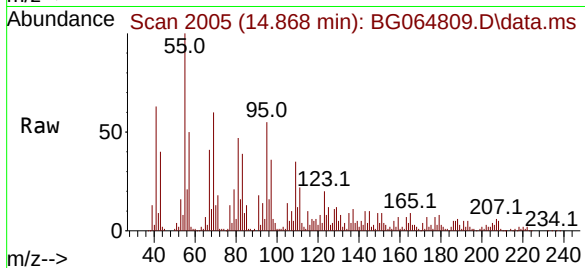




#54
2,4-Dinitrophenol
Concen: 8.667 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

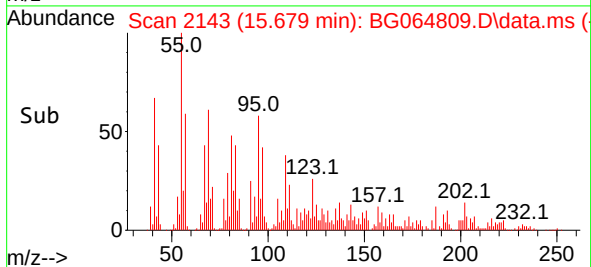
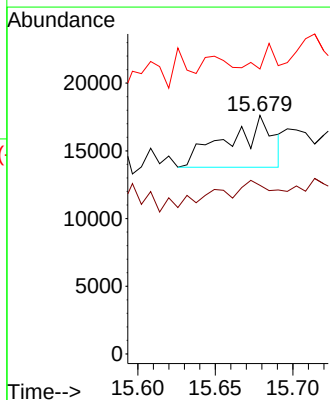
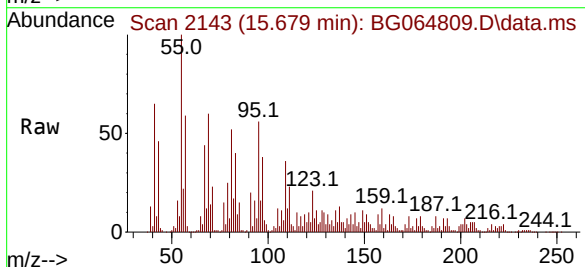
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

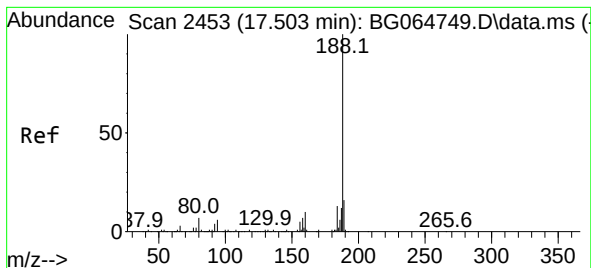
Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
63 1307.7 45.8 68.6#
154 1167.9 52.6 78.8#



#62
4-Nitroaniline
Concen: 3.762 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.138 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:138 Resp: 7800
Ion Ratio Lower Upper
138 100
92 70.7 30.7 70.7
108 119.4 85.7 125.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.571 min Scan# 24

Delta R.T. 0.067 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

Instrument :

BNA_G

ClientSampleId :

T2-GRAVEL

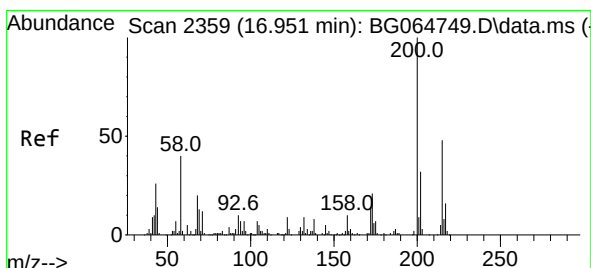
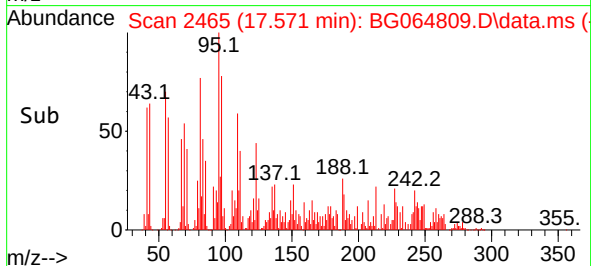
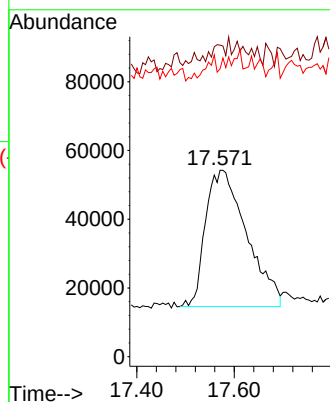
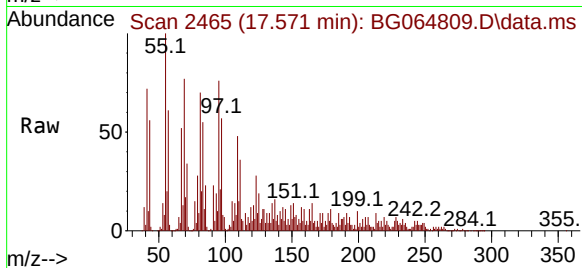
Tgt Ion:188 Resp: 232300

Ion Ratio Lower Upper

188 100

94 167.2 4.7 7.1#

80 154.4 5.4 8.2#



#69

Atrazine

Concen: 8.276 ng

RT: 17.042 min Scan# 2375

Delta R.T. 0.091 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

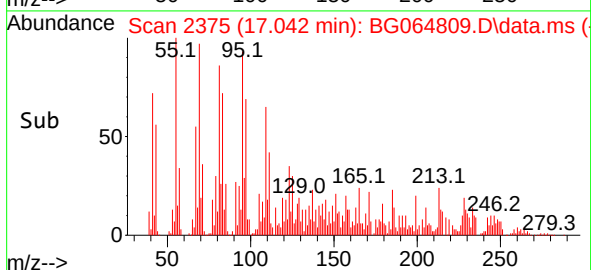
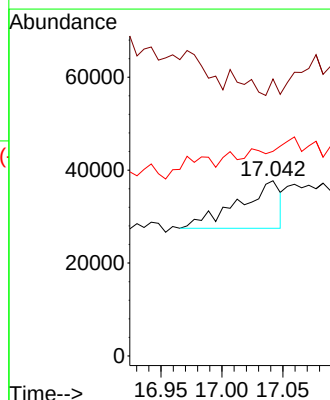
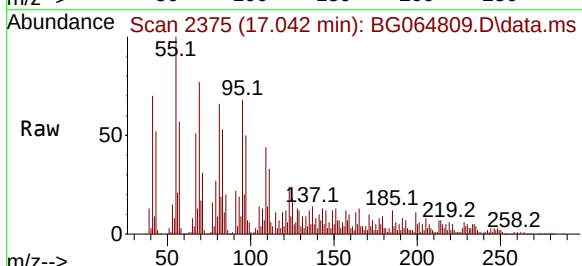
Tgt Ion:200 Resp: 24280

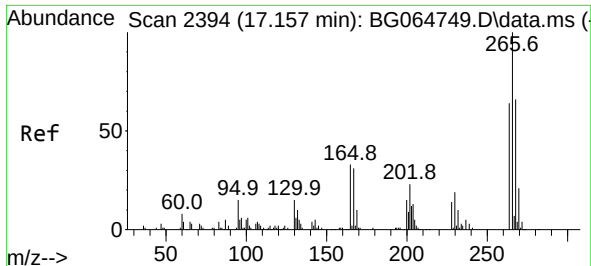
Ion Ratio Lower Upper

200 100

173 158.1 0.9 40.9#

215 116.8 27.5 67.5#

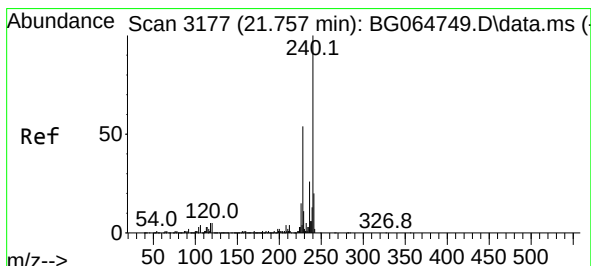
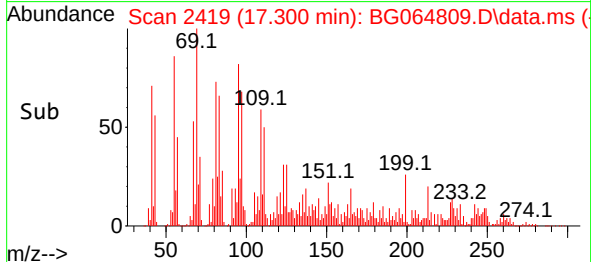
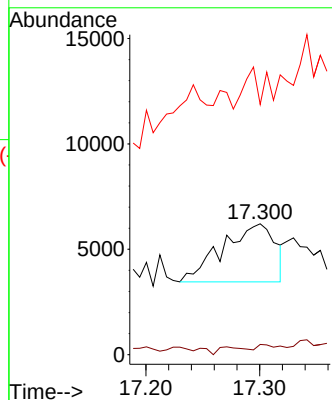
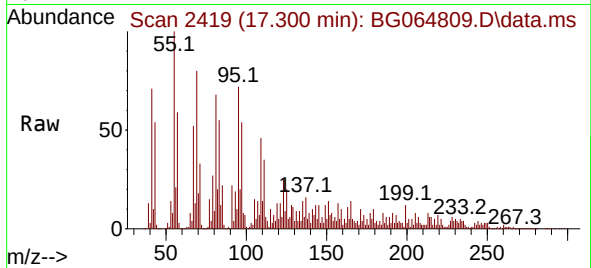




#70
Pentachlorophenol
Concen: 9.898 ng
RT: 17.300 min Scan# 2419
Delta R.T. 0.143 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

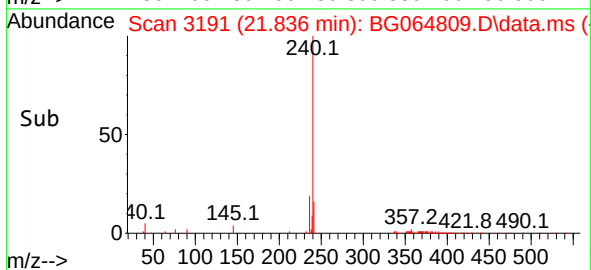
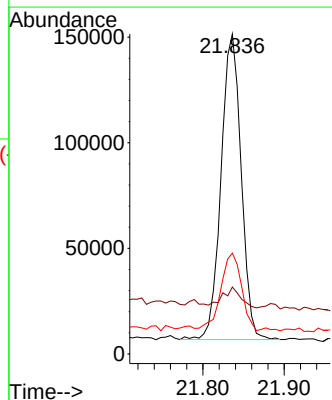
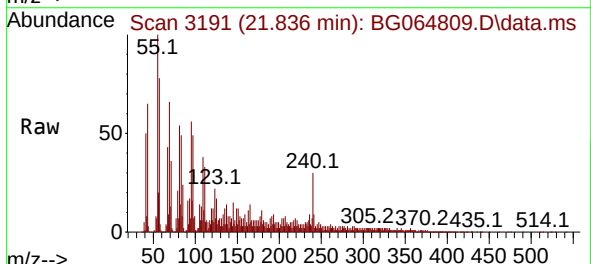
Instrument :
BNA_G
ClientSampleId :
T2-GRAVEL

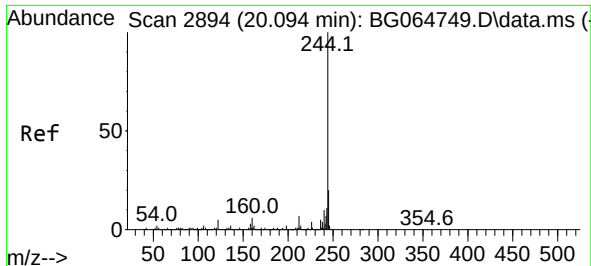
Tgt Ion:266 Resp: 8897
Ion Ratio Lower Upper
266 100
268 7.9 56.1 84.1#
264 191.2 51.2 76.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.836 min Scan# 3191
Delta R.T. 0.079 min
Lab File: BG064809.D
Acq: 18 Nov 2025 19:04

Tgt Ion:240 Resp: 249400
Ion Ratio Lower Upper
240 100
120 20.9 4.2 6.4#
236 31.5 20.8 31.2#

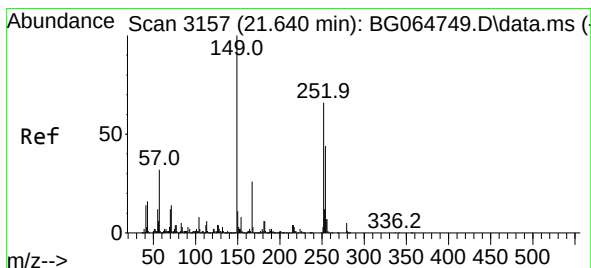
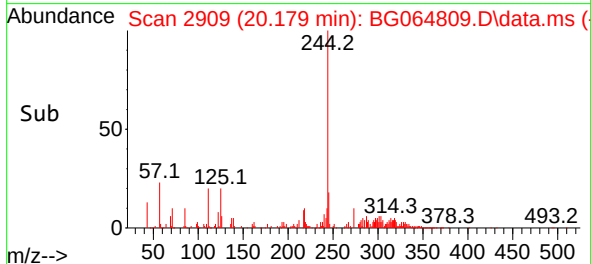
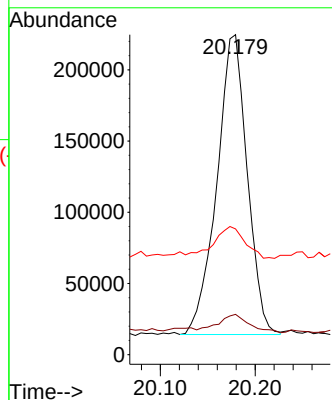
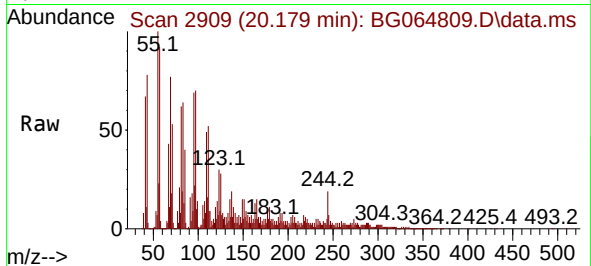




#79
 Terphenyl-d14
 Concen: 36.976 ng
 RT: 20.179 min Scan# 2909
 Delta R.T. 0.085 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

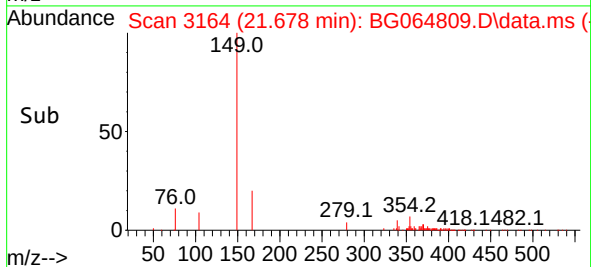
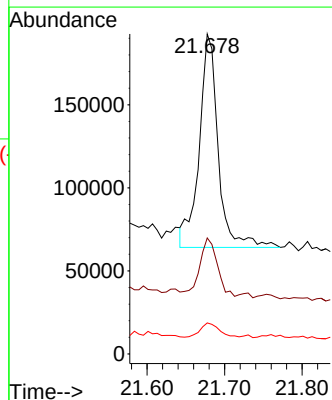
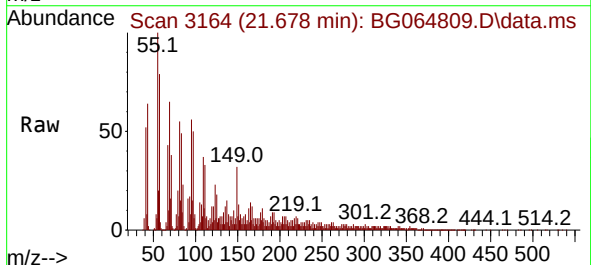
Instrument :
 BNA_G
 ClientSampleId :
 T2-GRAVEL

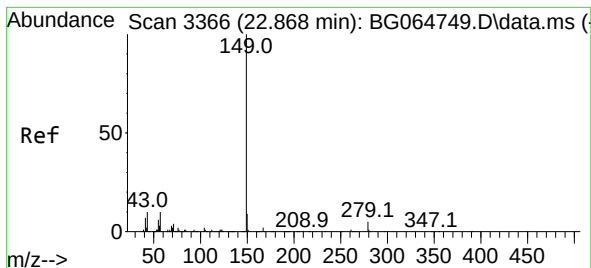
Tgt Ion:244 Resp: 468799
 Ion Ratio Lower Upper
 244 100
 212 12.6 5.8 8.6#
 122 39.3 4.3 6.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.370 ng
 RT: 21.678 min Scan# 3164
 Delta R.T. 0.038 min
 Lab File: BG064809.D
 Acq: 18 Nov 2025 19:04

Tgt Ion:149 Resp: 218189
 Ion Ratio Lower Upper
 149 100
 167 36.3 21.0 31.4#
 279 9.7 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 4.632 ng

RT: 22.917 min Scan# 31

Delta R.T. 0.050 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

Instrument :

BNA_G

ClientSampleId :

T2-GRAVEL

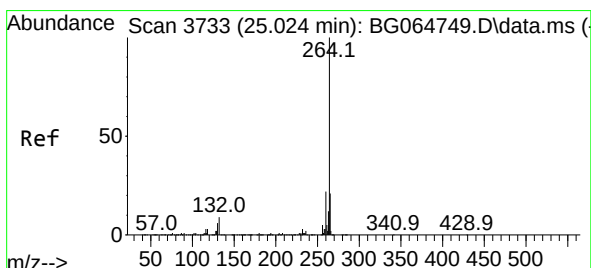
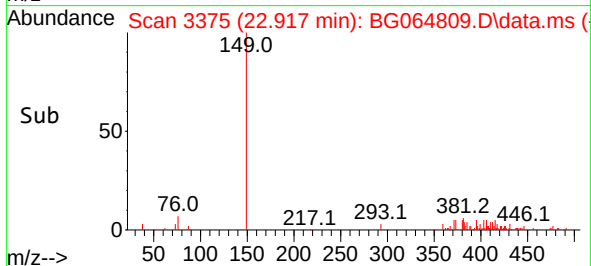
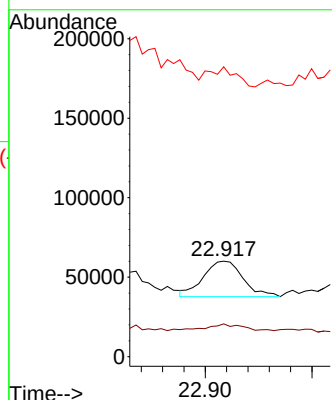
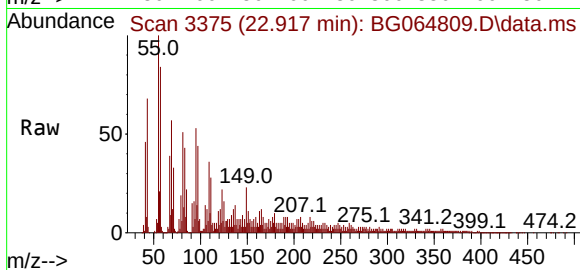
Tgt Ion:149 Resp: 57520

Ion Ratio Lower Upper

149 100

167 13.1 1.2 1.8#

43 0.0 8.3 12.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.109 min Scan# 3748

Delta R.T. 0.085 min

Lab File: BG064809.D

Acq: 18 Nov 2025 19:04

Tgt Ion:264 Resp: 308487

Ion Ratio Lower Upper

264 100

260 23.3 17.2 25.8

265 22.7 16.6 25.0

