

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054901.D
 Acq On : 9 Sep 2022 17:42
 Operator : CG/JU
 Sample : N4528-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIT-12

Quant Time: Sep 10 01:59:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

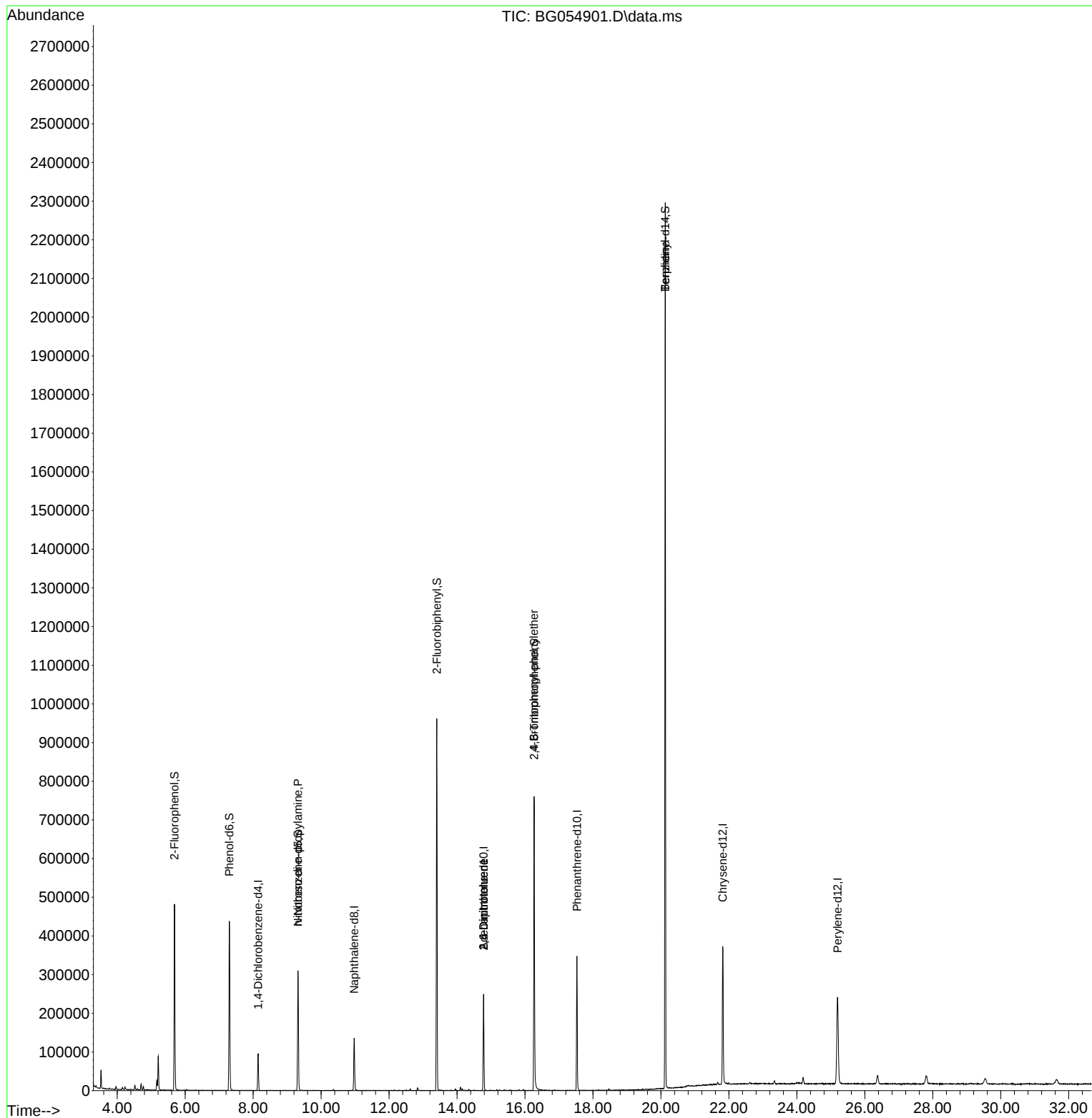
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	30308	20.000	ng	0.00
21) Naphthalene-d8	10.971	136	124140	20.000	ng	0.00
39) Acenaphthene-d10	14.778	164	92147	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	238003	20.000	ng	0.00
76) Chrysene-d12	21.817	240	246042	20.000	ng	0.00
86) Perylene-d12	25.195	264	255422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.683	112	235430	135.267	ng	0.00
7) Phenol-d6	7.298	99	292742	122.988	ng	0.00
23) Nitrobenzene-d5	9.320	82	200886	84.951	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	185724	161.298	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	533108	86.956	ng	0.00
79) Terphenyl-d14	20.125	244	1169906	94.213	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.320	70	24874	15.197	ng	# 75
51) 2,6-Dinitrotoluene	14.778	165	12255	8.440	ng	# 20
57) 2,4-Dinitrotoluene	14.778	165	12255	6.102	ng	# 18
67) 4-Bromophenyl-phenylether	16.264	248	11811	4.520	ng	# 1
77) Benzidine	20.125	184	16771	2.752	ng	# 89

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

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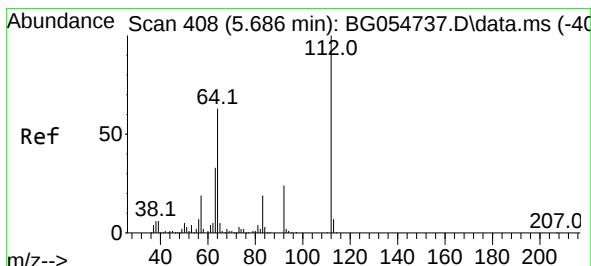
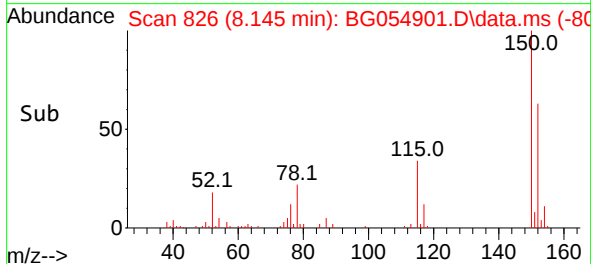
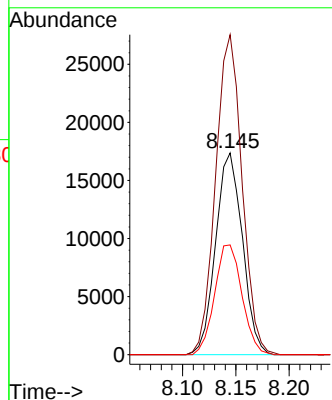
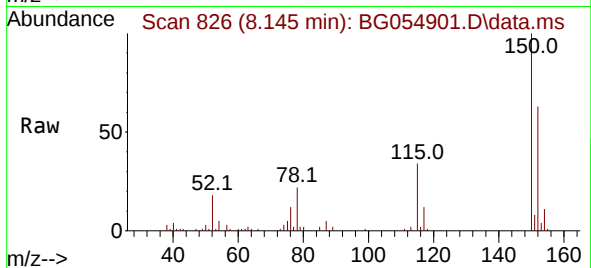




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

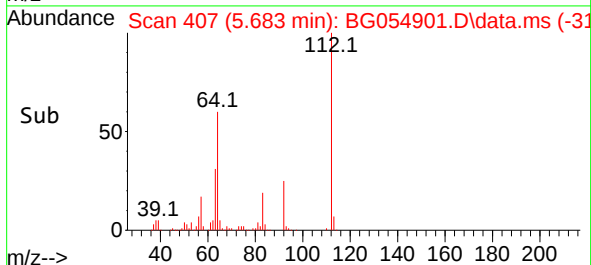
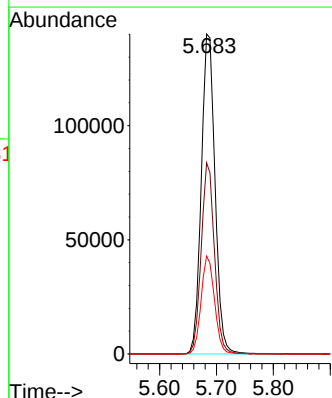
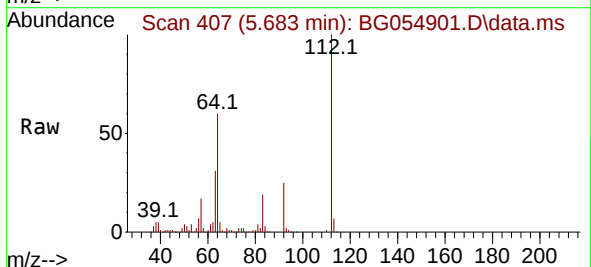
Instrument :
BNA_G
ClientSampleId :
PIT-12

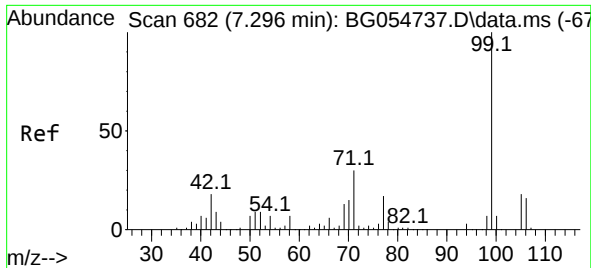
Tgt Ion:152 Resp: 30308
Ion Ratio Lower Upper
152 100
150 158.6 125.2 187.8
115 54.4 47.9 71.9



#5
2-Fluorophenol
Concen: 135.267 ng
RT: 5.683 min Scan# 407
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:112 Resp: 235430
Ion Ratio Lower Upper
112 100
64 59.8 49.3 73.9
63 30.6 26.3 39.5

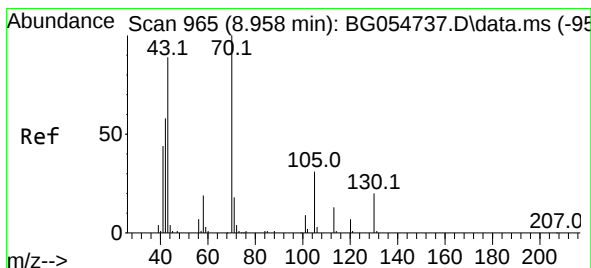
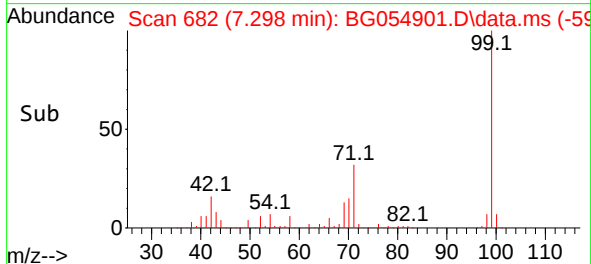
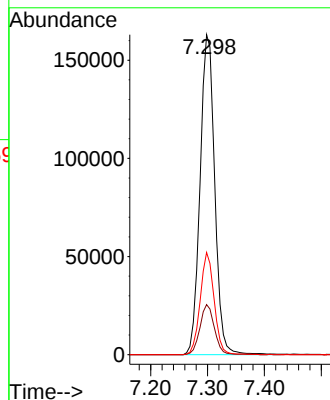
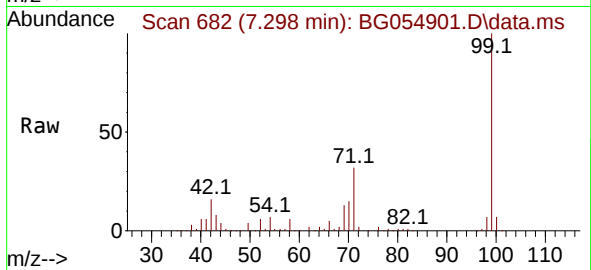




#7
Phenol-d6
Concen: 122.988 ng
RT: 7.298 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

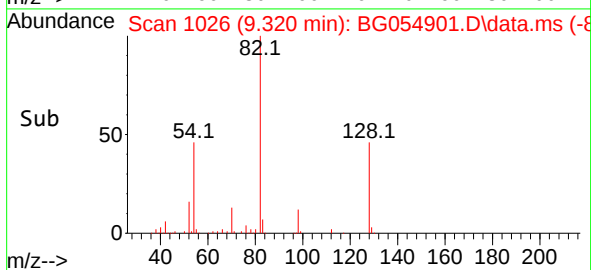
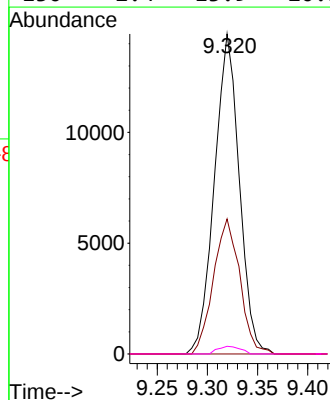
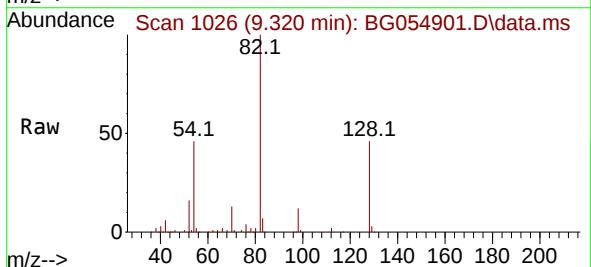
Instrument :
BNA_G
ClientSampleId :
PIT-12

Tgt Ion: 99 Resp: 292742
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 31.9 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.197 ng
RT: 9.320 min Scan# 1026
Delta R.T. 0.369 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion: 70 Resp: 24874
Ion Ratio Lower Upper
70 100
42 42.2 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

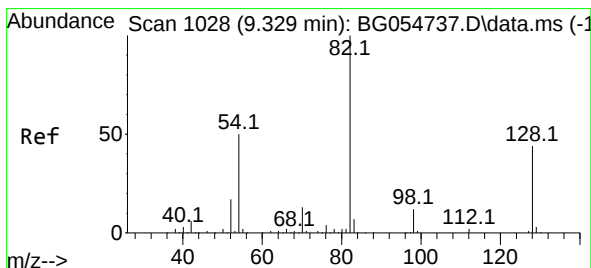
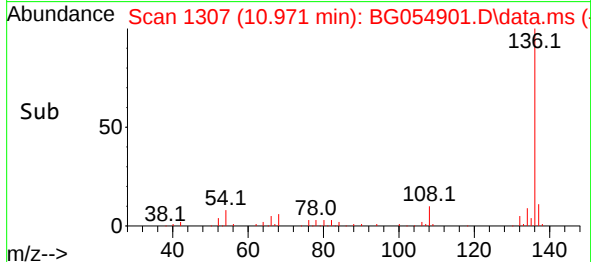
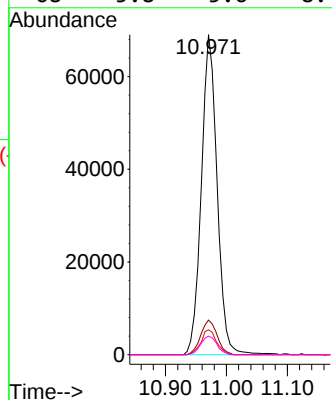
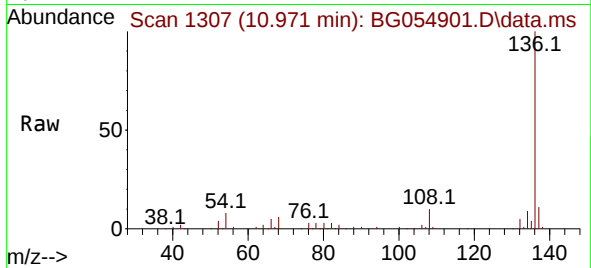




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.971 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

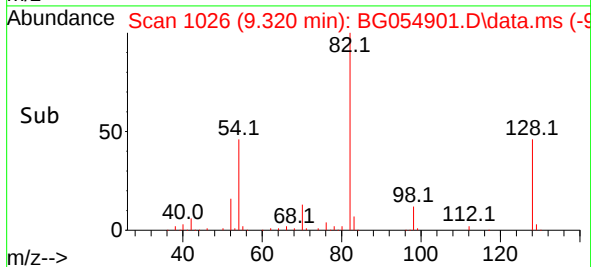
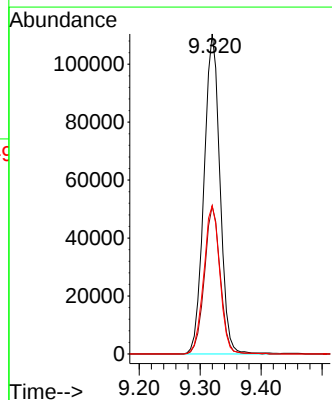
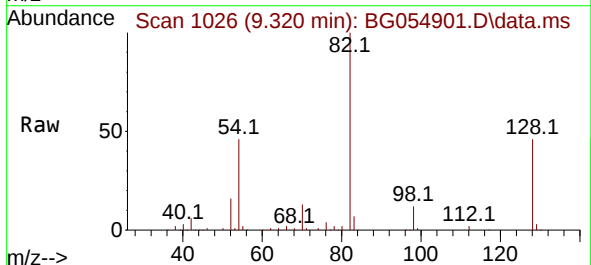
Instrument :
BNA_G
ClientSampleId :
PIT-12

Tgt Ion:	136	Resp:	124140
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	7.7	7.7	11.5
68	5.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 84.951 ng
RT: 9.320 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:	82	Resp:	200886
Ion Ratio	Lower	Upper	
82	100		
128	46.2	32.2	48.2
54	46.3	41.4	62.0

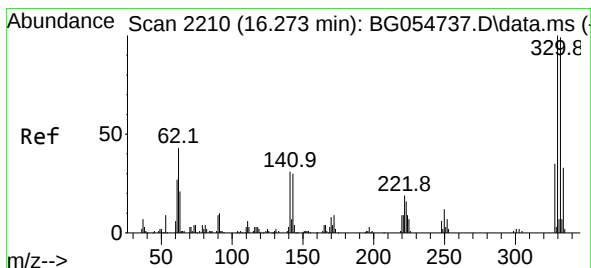
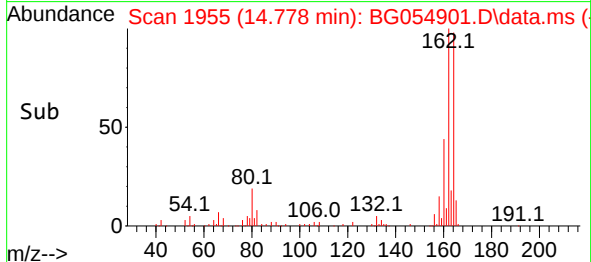
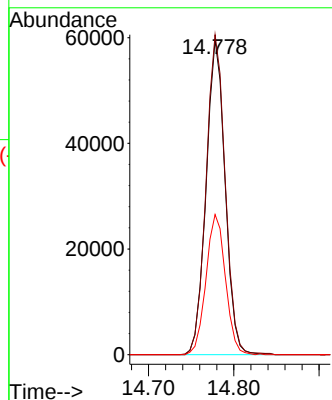
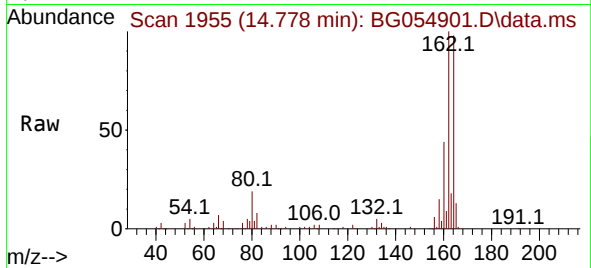




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.778 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

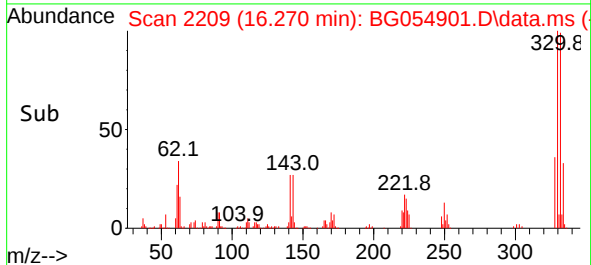
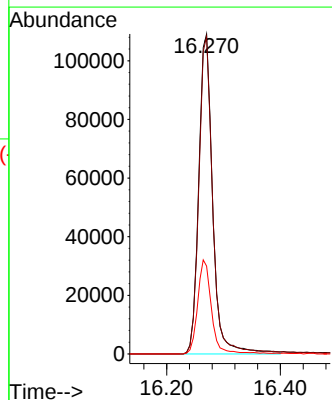
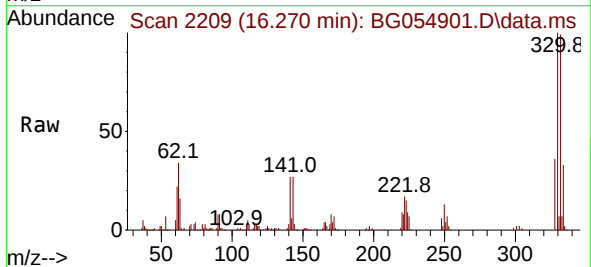
Instrument :
BNA_G
ClientSampleId :
PIT-12

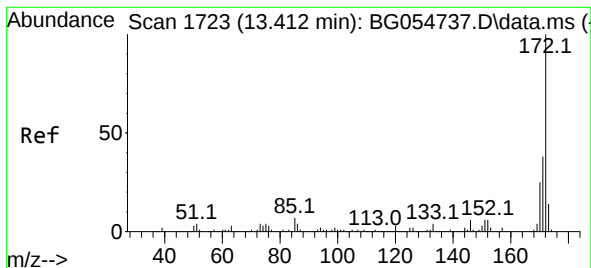
Tgt Ion:164 Resp: 92147
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.4
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 161.298 ng
RT: 16.270 min Scan# 2209
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:330 Resp: 185724
Ion Ratio Lower Upper
330 100
332 99.8 79.8 119.6
141 28.8 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 86.956 ng

RT: 13.403 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054901.D

Acq: 9 Sep 2022 17:42

Instrument :

BNA_G

ClientSampleId :

PIT-12

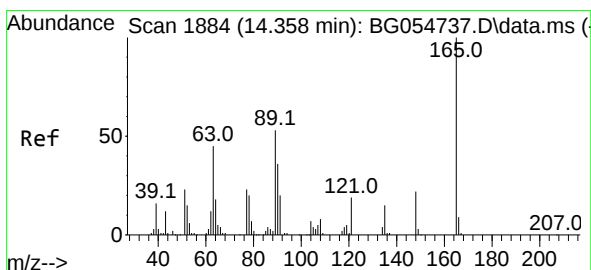
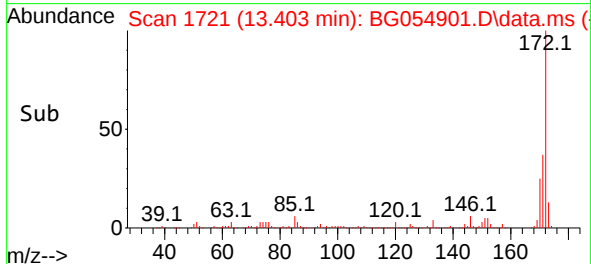
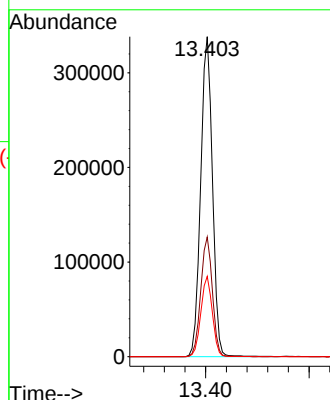
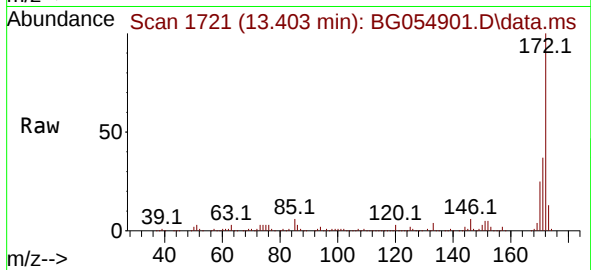
Tgt Ion:172 Resp: 533108

Ion Ratio Lower Upper

172 100

171 37.4 31.2 46.8

170 25.1 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.440 ng

RT: 14.778 min Scan# 1955

Delta R.T. 0.421 min

Lab File: BG054901.D

Acq: 9 Sep 2022 17:42

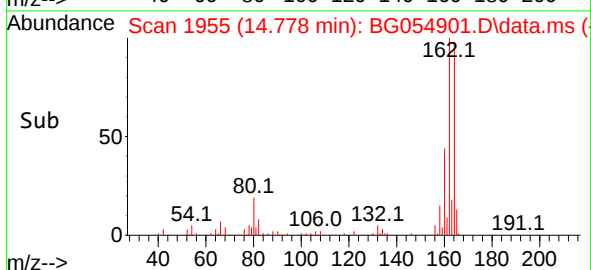
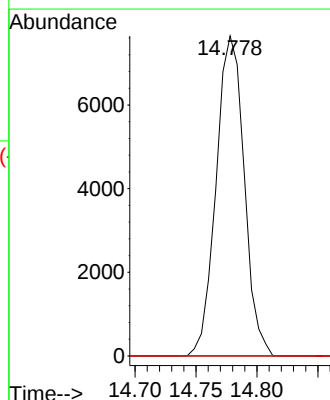
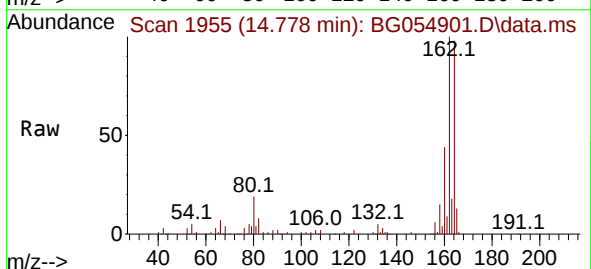
Tgt Ion:165 Resp: 12255

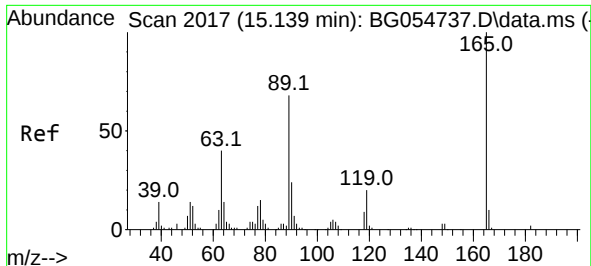
Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#

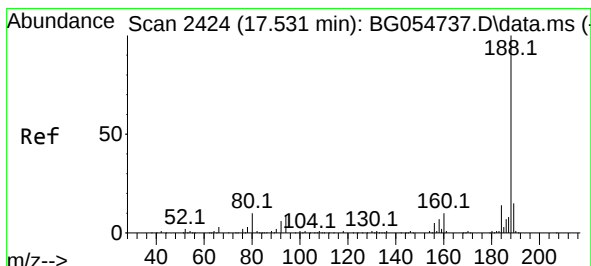
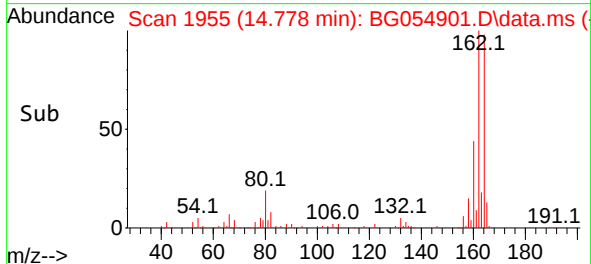
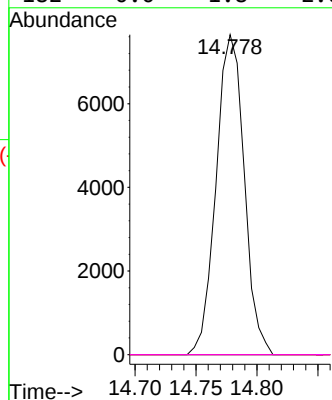
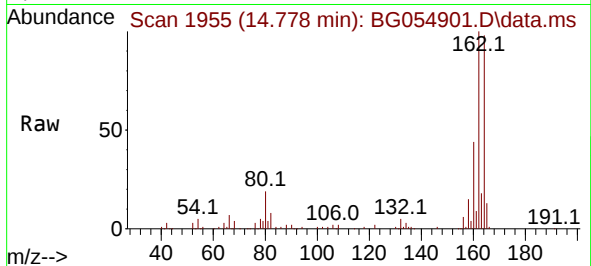




#57
2,4-Dinitrotoluene
Concen: 6.102 ng
RT: 14.778 min Scan# 1955
Delta R.T. -0.366 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

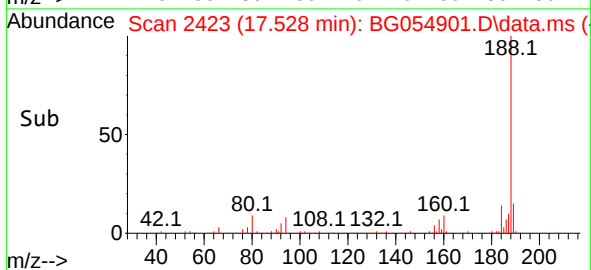
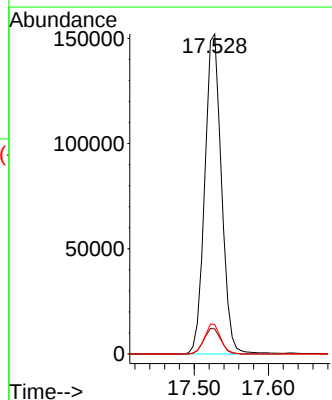
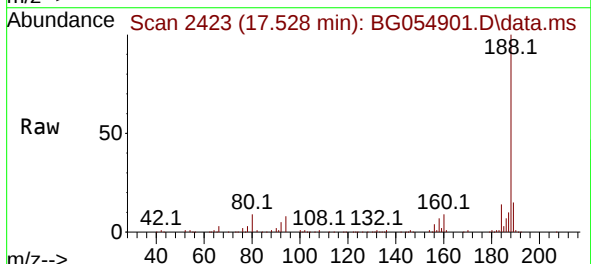
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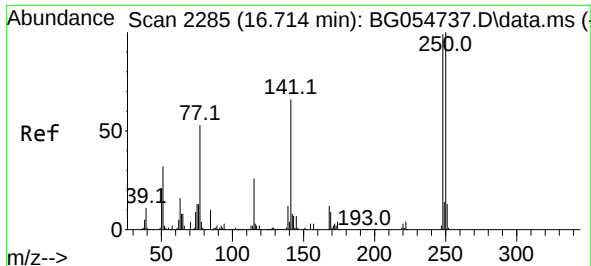
Tgt Ion:165 Resp: 12255
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:188 Resp: 238003
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 9.2 7.9 11.9

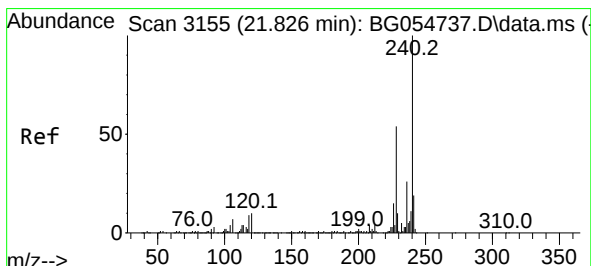
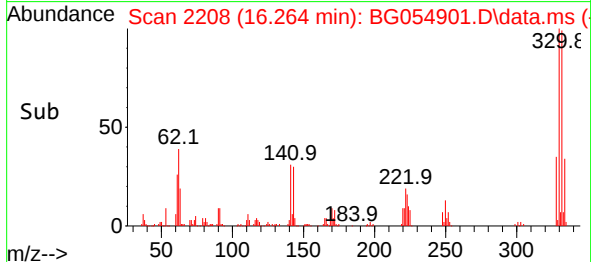
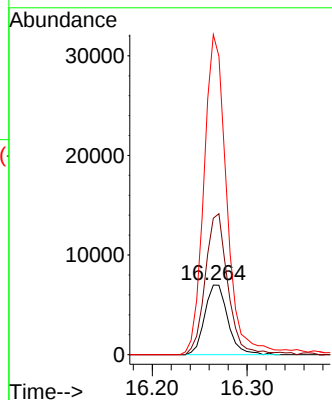
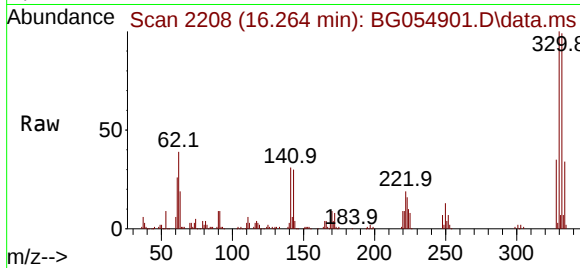




#67
4-Bromophenyl-phenylether
Concen: 4.520 ng
RT: 16.264 min Scan# 21811
Delta R.T. -0.442 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

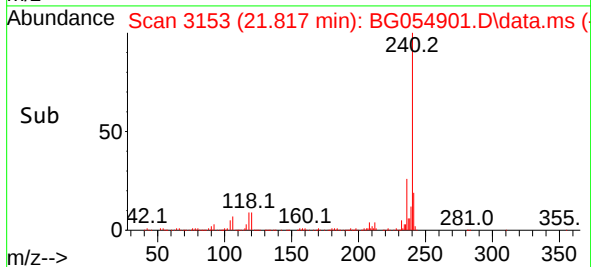
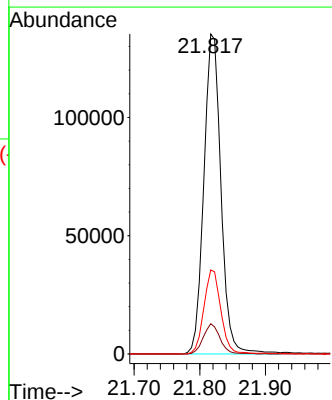
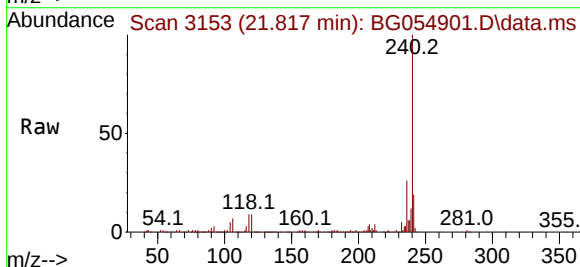
Instrument :
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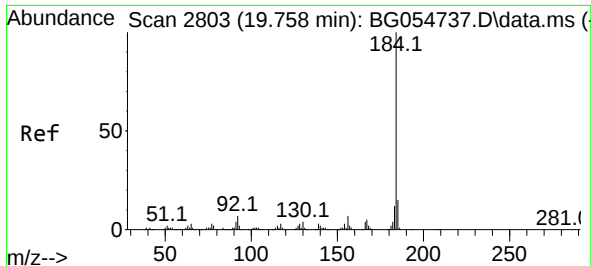
Tgt Ion:248 Resp: 11811
Ion Ratio Lower Upper
248 100
250 195.8 78.8 118.2#
141 459.4 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.817 min Scan# 3153
Delta R.T. -0.007 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:240 Resp: 246042
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.3 21.2 31.8

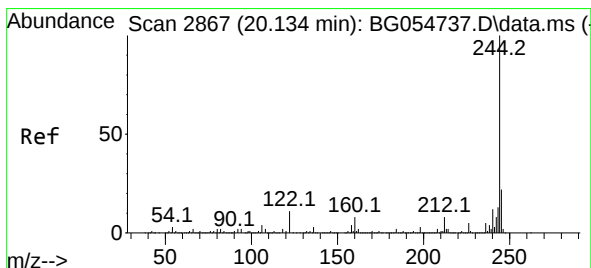
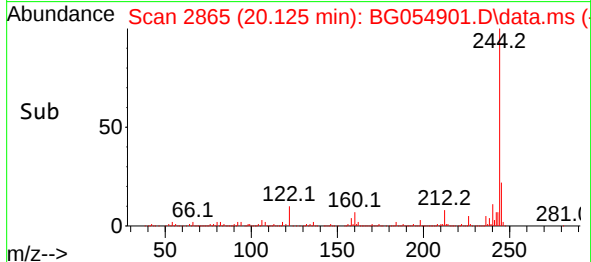
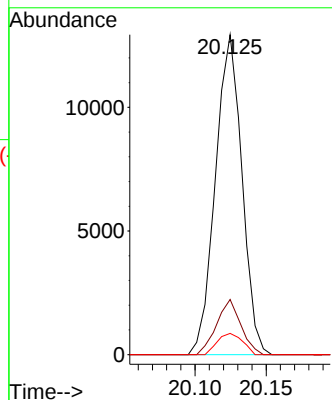
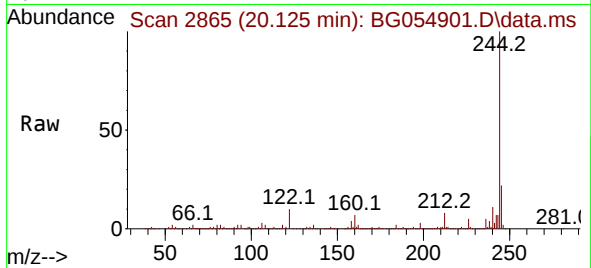




#77
Benzidine
Concen: 2.752 ng
RT: 20.125 min Scan# 2865
Delta R.T. 0.374 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

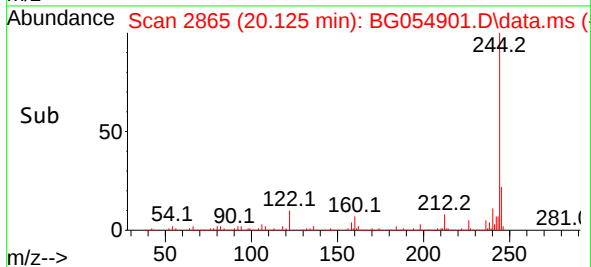
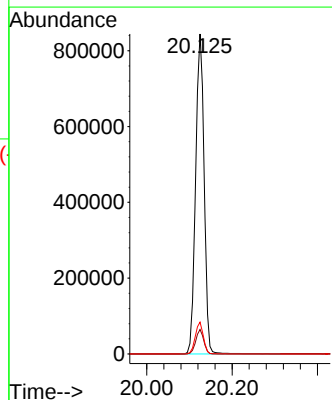
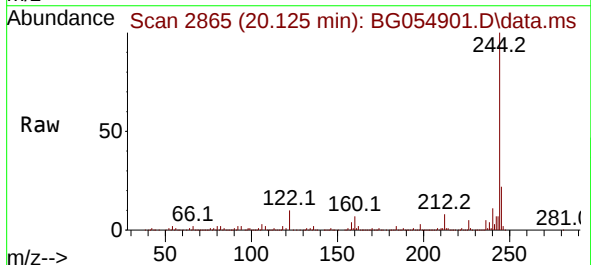
Instrument :
BNA_G
ClientSampleId :
PIT-12

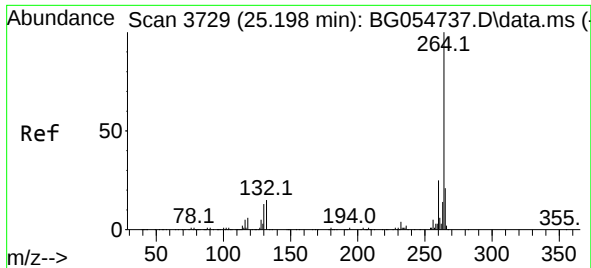
Tgt Ion:184 Resp: 16771
Ion Ratio Lower Upper
184 100
185 17.3 11.4 17.0#
183 6.6 9.8 14.8#



#79
Terphenyl-d14
Concen: 94.213 ng
RT: 20.125 min Scan# 2865
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:244 Resp: 1169906
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 9.9 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.195 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Instrument :
BNA_G
ClientSampleId :
PIT-12

Tgt Ion:264 Resp: 255422
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 22.4 16.9 25.3

