

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054898.D
 Acq On : 9 Sep 2022 15:37
 Operator : CG/JU
 Sample : N4528-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIT-10

Quant Time: Sep 10 01:57:39 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)

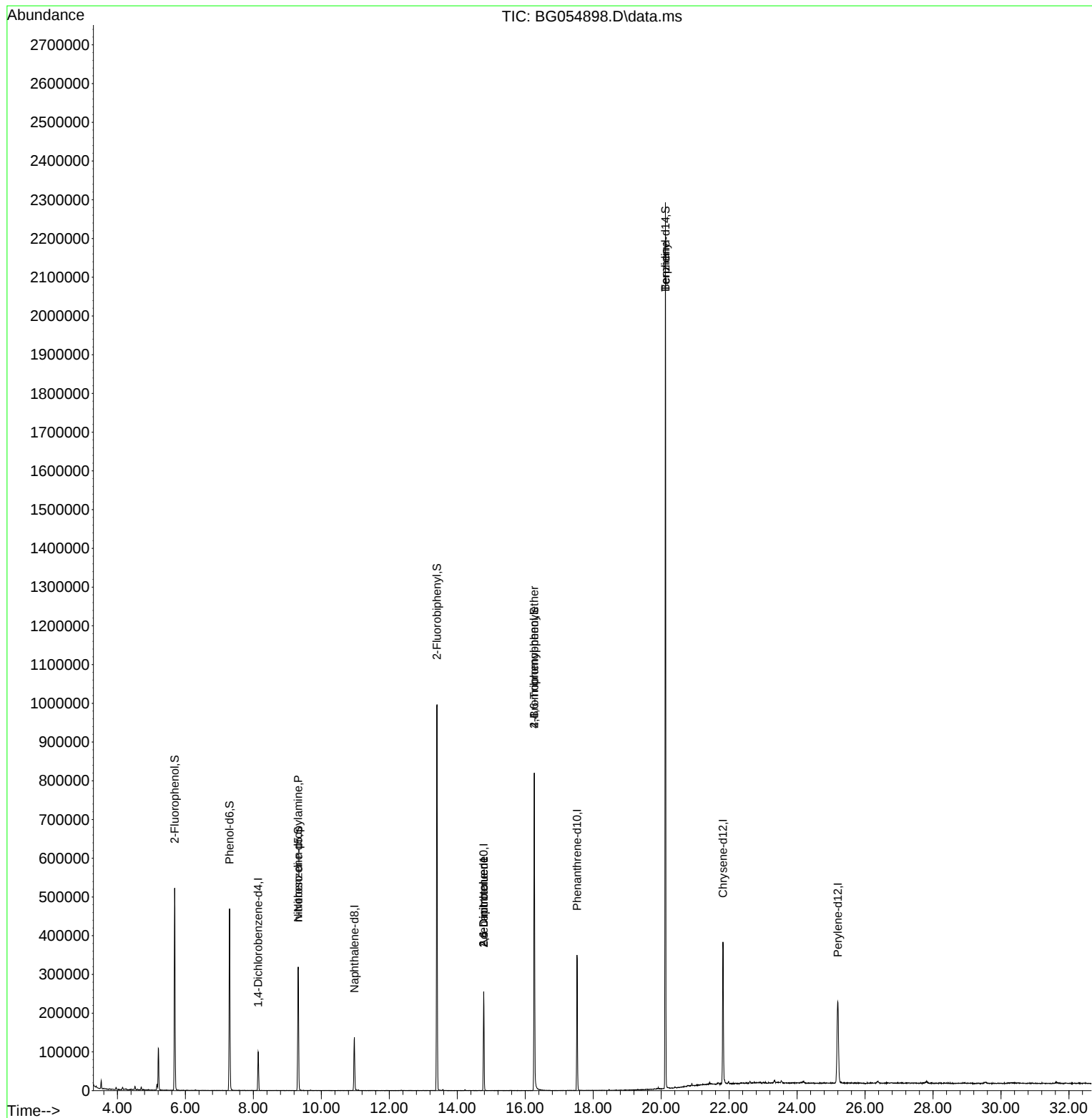
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	31626	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	131053	20.000	ng	# 0.00
39) Acenaphthene-d10	14.780	164	95396	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	239539	20.000	ng	0.00
76) Chrysene-d12	21.819	240	241344	20.000	ng	0.00
86) Perylene-d12	25.197	264	254879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	250416	137.882	ng	0.00
7) Phenol-d6	7.300	99	308945	124.386	ng	0.00
23) Nitrobenzene-d5	9.322	82	215196	86.202	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	195924	164.361	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	565944	89.168	ng	0.00
79) Terphenyl-d14	20.127	244	1151605	94.545	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.322	70	26692	15.628	ng	# 75
51) 2,6-Dinitrotoluene	14.780	165	12343	8.211	ng	# 20
57) 2,4-Dinitrotoluene	14.780	165	12343	5.936	ng	# 18
67) 4-Bromophenyl-phenylether	16.266	248	12358	4.699	ng	# 1
77) Benzidine	20.127	184	16197	2.710	ng	# 89

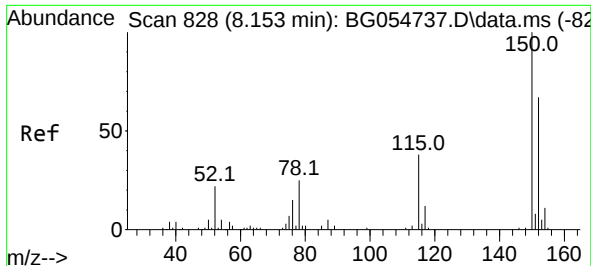
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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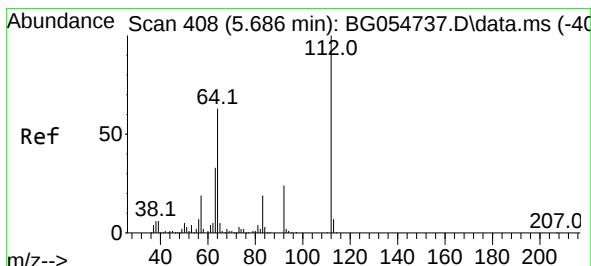
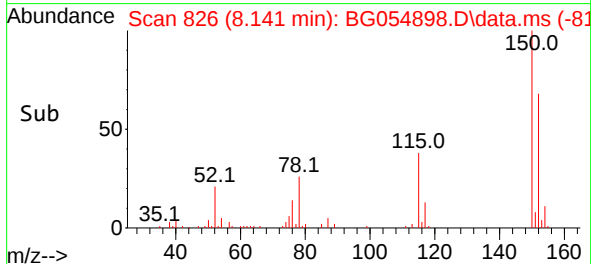
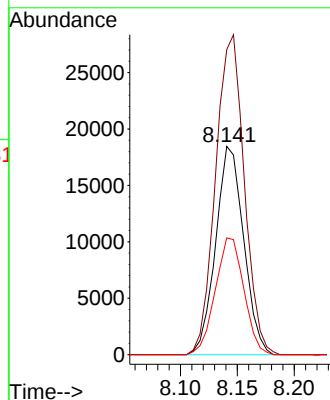
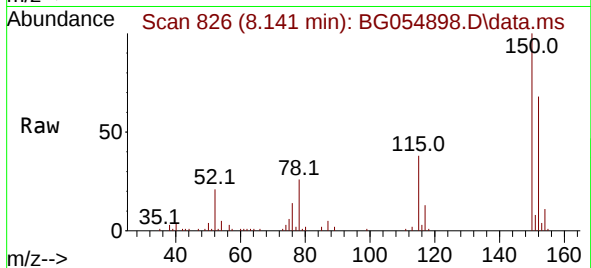




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

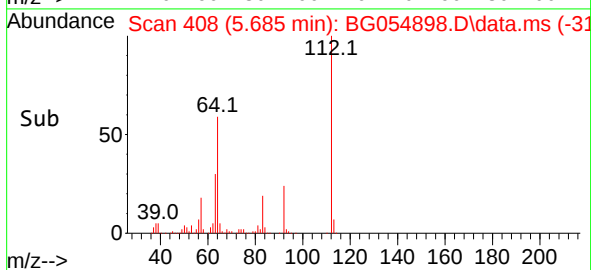
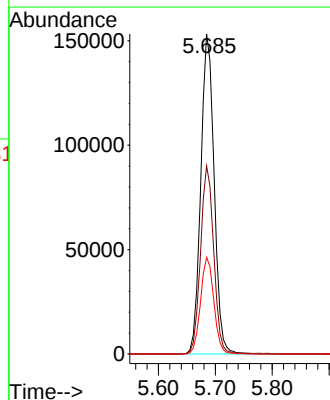
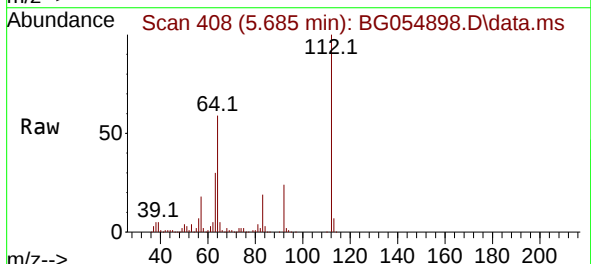
Instrument :
BNA_G
ClientSampleId :
PIT-10

Tgt Ion:152 Resp: 31626
Ion Ratio Lower Upper
152 100
150 146.5 125.2 187.8
115 56.1 47.9 71.9



#5
2-Fluorophenol
Concen: 137.882 ng
RT: 5.685 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

Tgt Ion:112 Resp: 250416
Ion Ratio Lower Upper
112 100
64 58.8 49.3 73.9
63 30.1 26.3 39.5

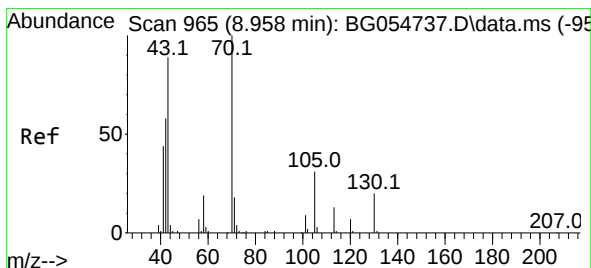
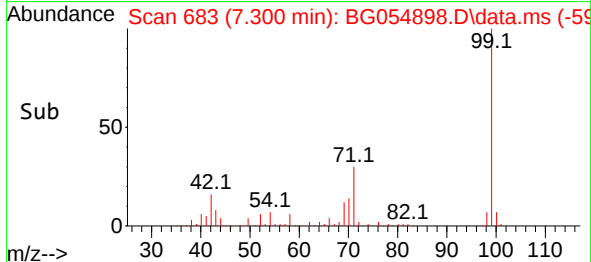
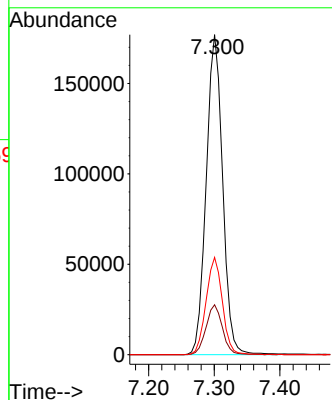
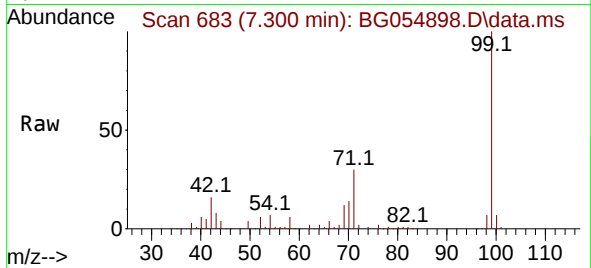




#7
Phenol-d6
Concen: 124.386 ng
RT: 7.300 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

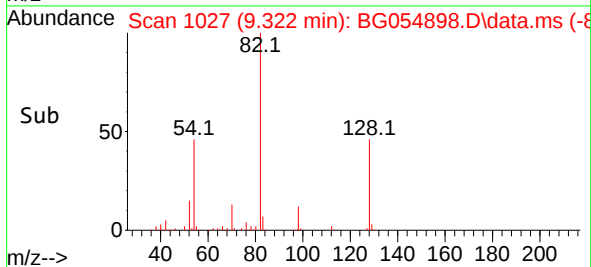
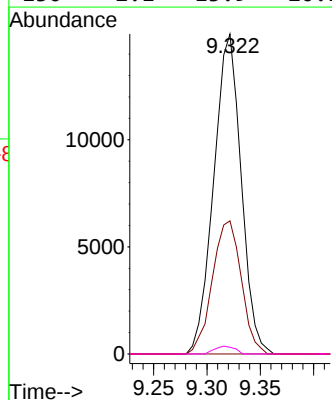
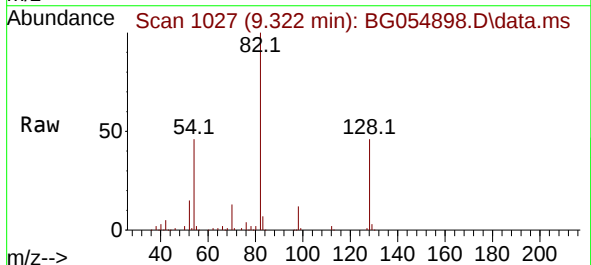
Instrument :
BNA_G
ClientSampleId :
PIT-10

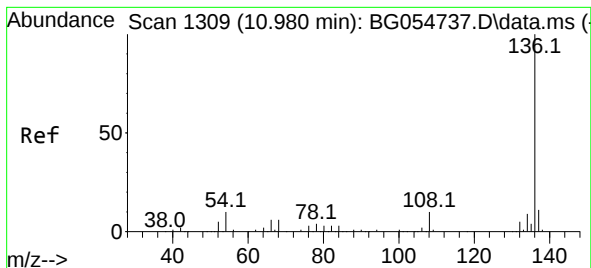
Tgt Ion: 99 Resp: 308945
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.628 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.371 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

Tgt Ion: 70 Resp: 26692
Ion Ratio Lower Upper
70 100
42 41.6 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.973 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BG054898.D

Acq: 9 Sep 2022 15:37

Instrument :

BNA_G

ClientSampleId :

PIT-10

Tgt Ion:136 Resp: 131053

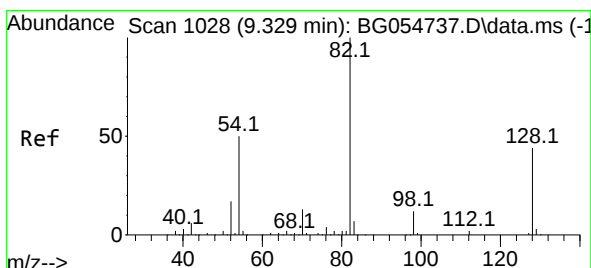
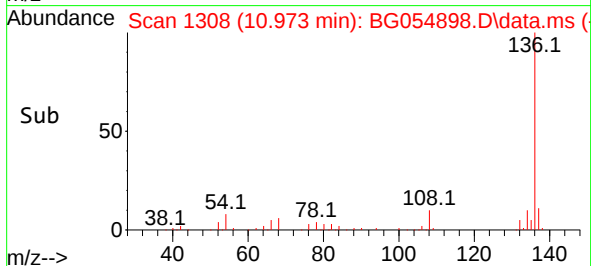
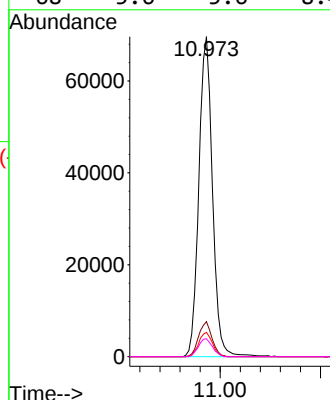
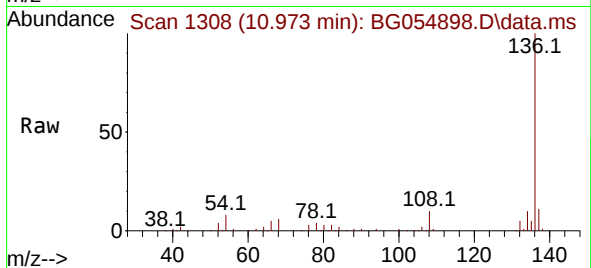
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.6 7.7 11.5#

68 5.6 5.6 8.4#



#23

Nitrobenzene-d5

Concen: 86.202 ng

RT: 9.322 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BG054898.D

Acq: 9 Sep 2022 15:37

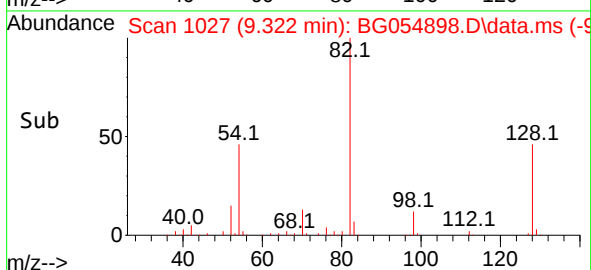
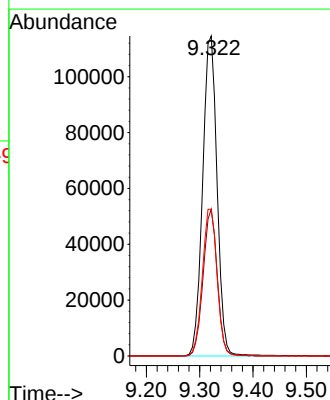
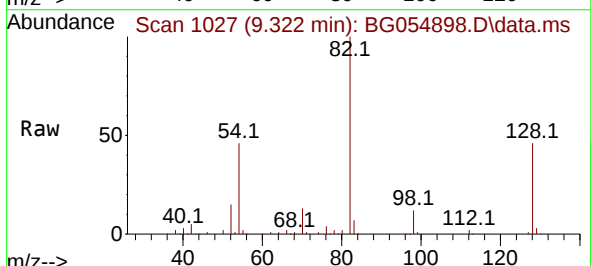
Tgt Ion: 82 Resp: 215196

Ion Ratio Lower Upper

82 100

128 45.9 32.2 48.2

54 45.9 41.4 62.0

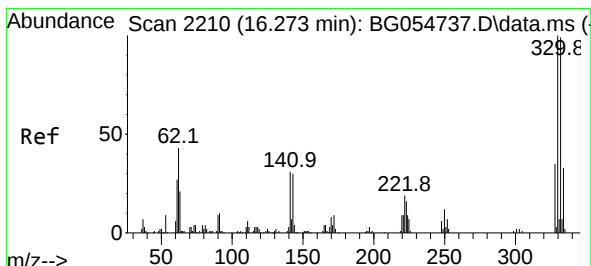
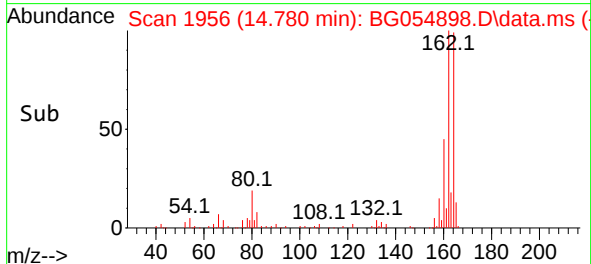
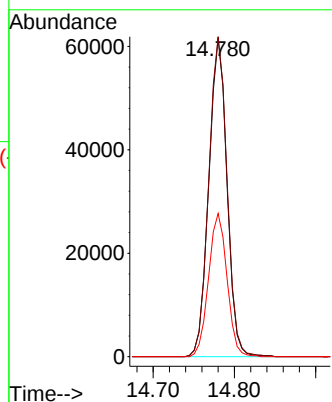
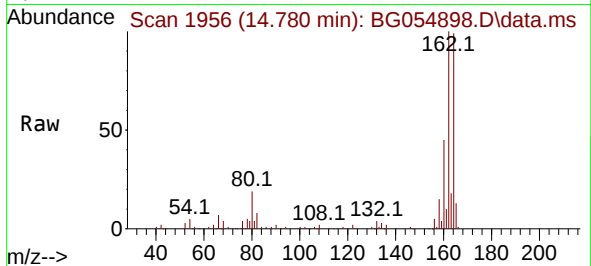




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

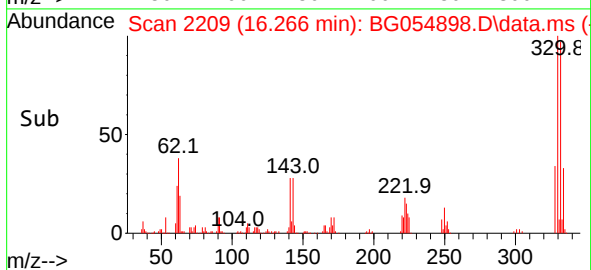
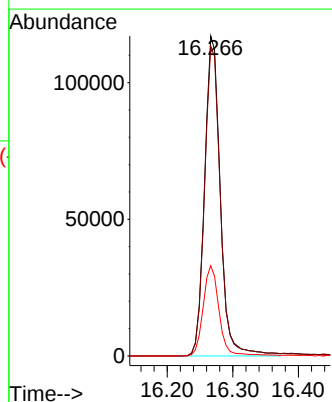
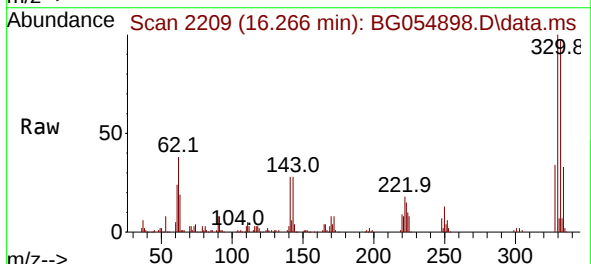
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PIT-10

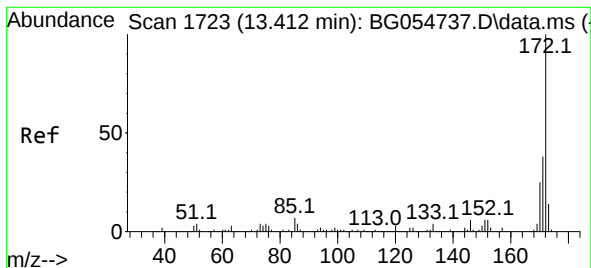
Tgt Ion:164 Resp: 95396
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.4
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 164.361 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

Tgt Ion:330 Resp: 195924
Ion Ratio Lower Upper
330 100
332 98.7 79.8 119.6
141 28.7 26.8 40.2

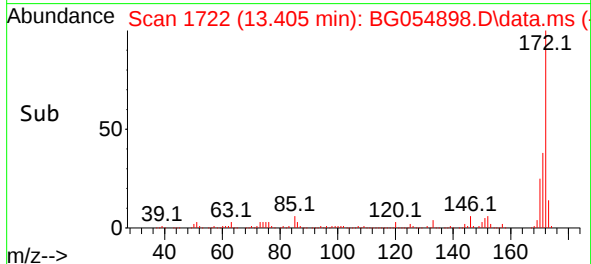
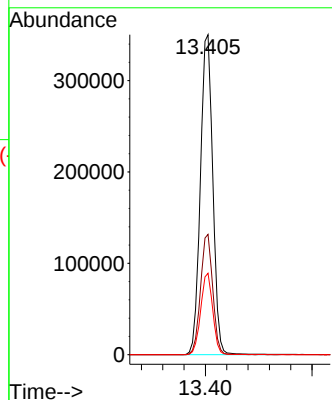
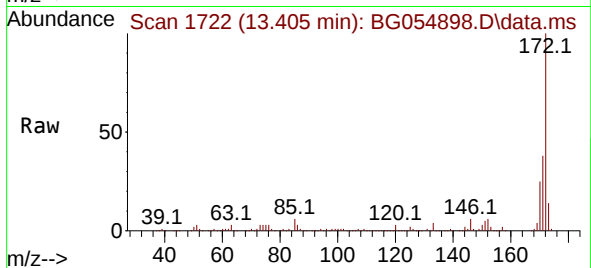




#45
2-Fluorobiphenyl
Concen: 89.168 ng
RT: 13.405 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

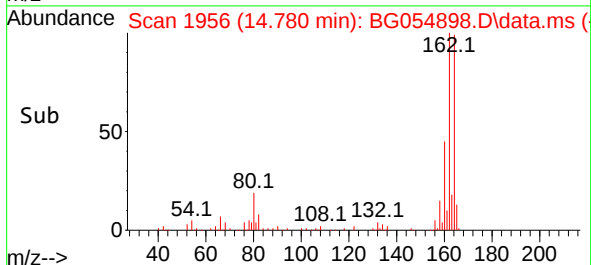
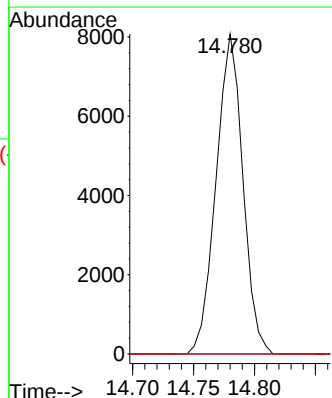
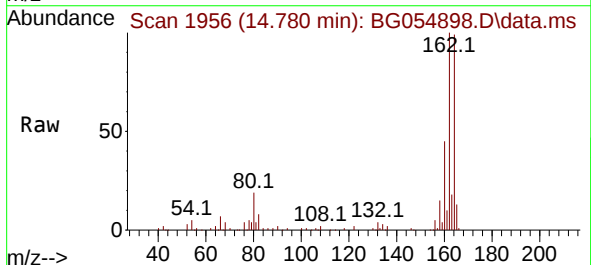
Instrument :
BNA_G
ClientSampleId :
PIT-10

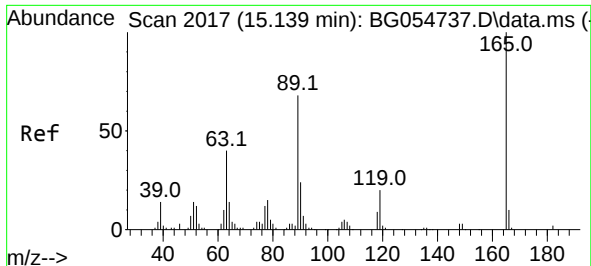
Tgt Ion:172 Resp: 565944
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 25.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.211 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

Tgt Ion:165 Resp: 12343
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

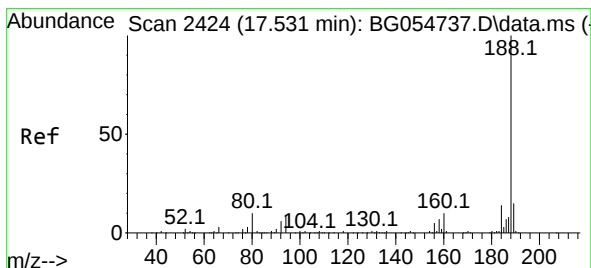
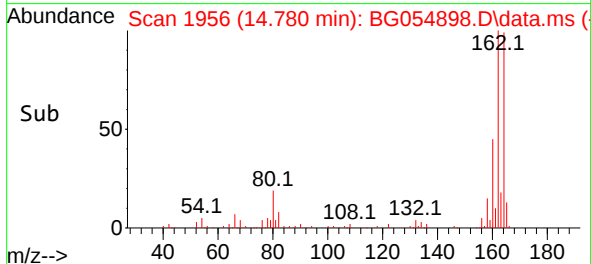
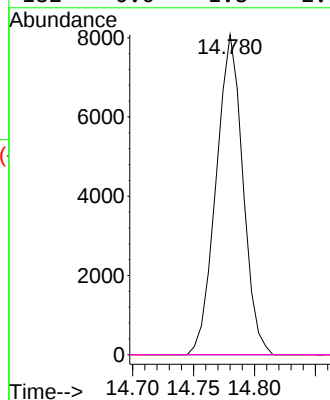
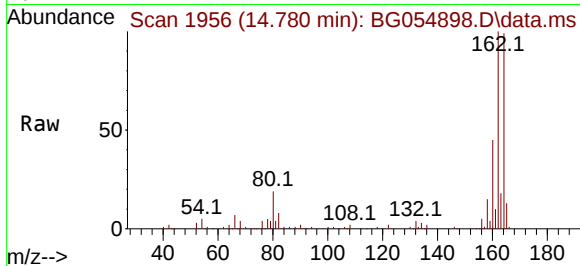




#57
2,4-Dinitrotoluene
Concen: 5.936 ng
RT: 14.780 min Scan# 1956
Delta R.T. -0.364 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

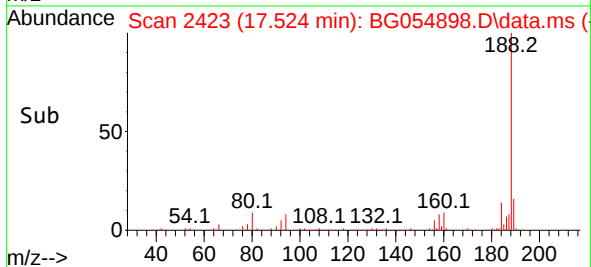
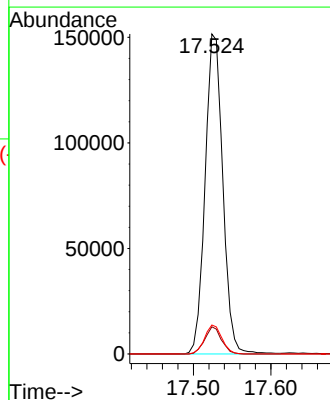
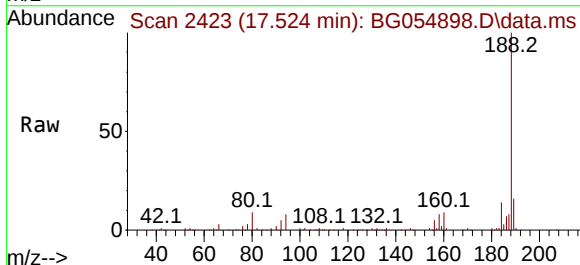
Instrument :
BNA_G
ClientSampleId :
PIT-10

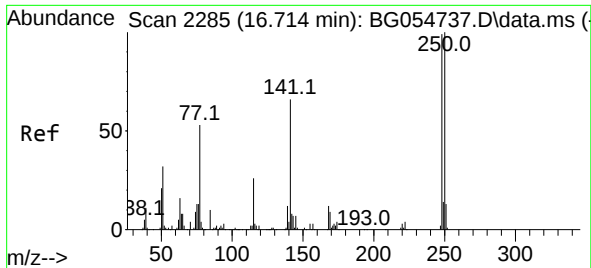
Tgt Ion:165 Resp: 12343
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

Tgt Ion:188 Resp: 239539
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.1 7.9 11.9

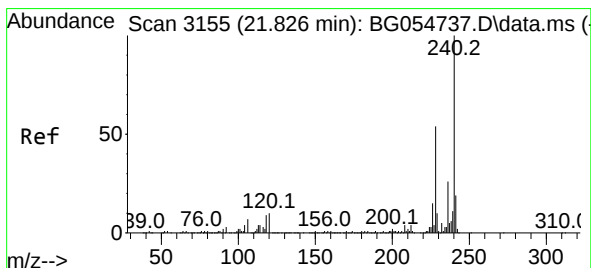
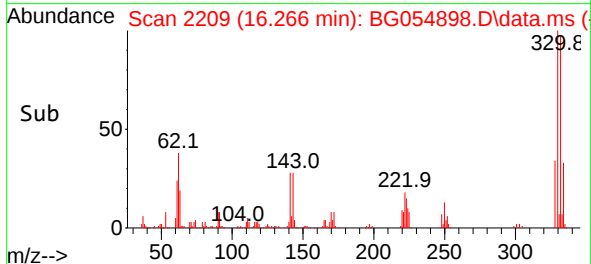
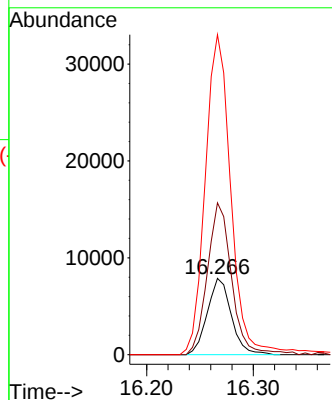
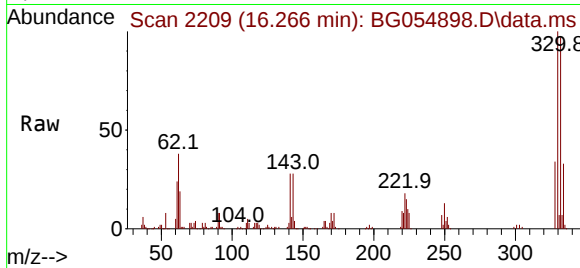




#67
4-Bromophenyl-phenylether
Concen: 4.699 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

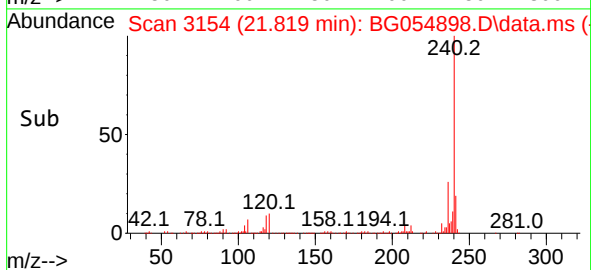
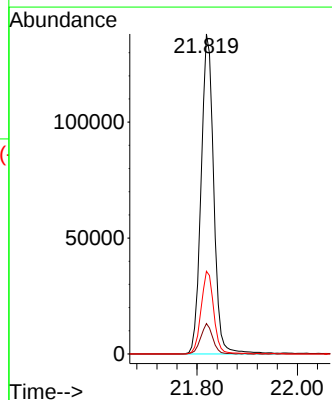
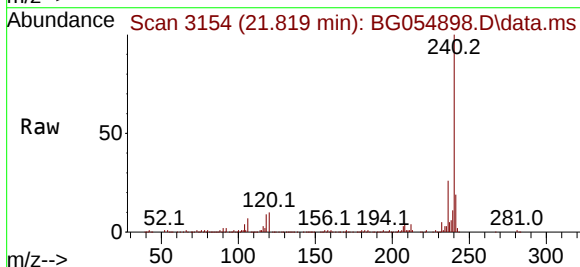
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PIT-10

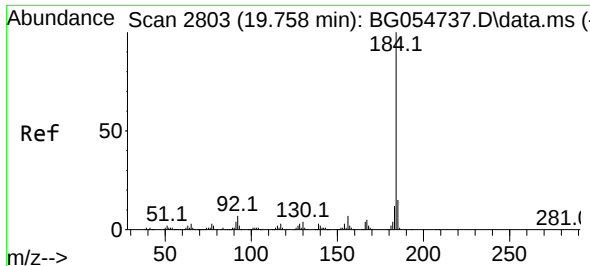
Tgt Ion:248 Resp: 12358
Ion Ratio Lower Upper
248 100
250 199.2 78.8 118.2#
141 419.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

Tgt Ion:240 Resp: 241344
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 25.8 21.2 31.8

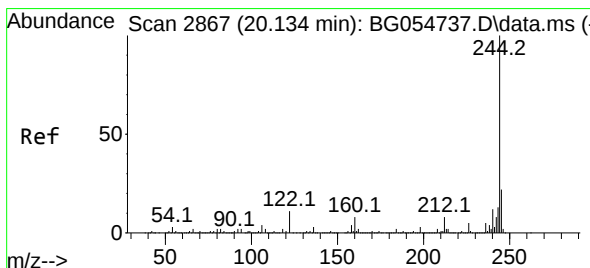
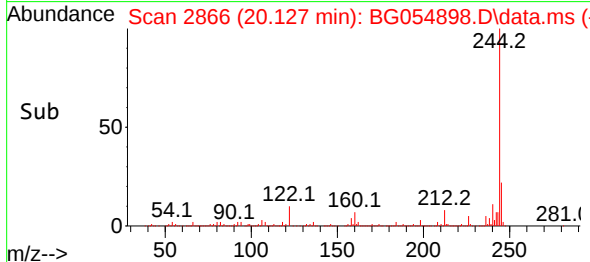
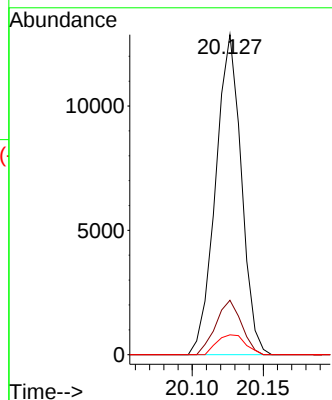
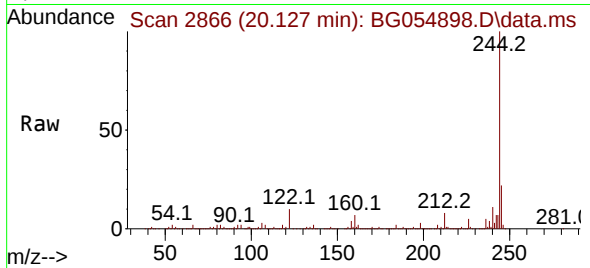




#77
Benzidine
Concen: 2.710 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.376 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

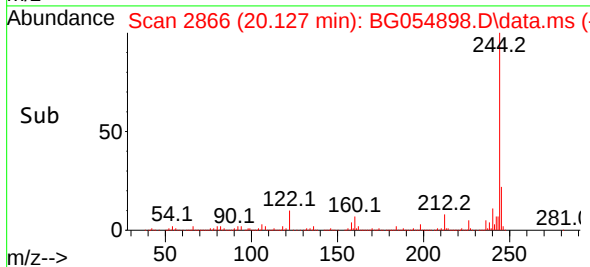
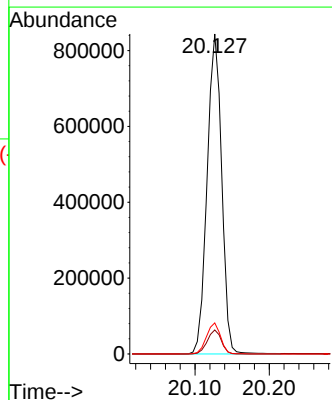
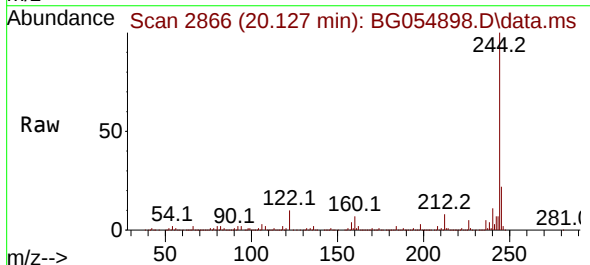
Instrument :
BNA_G
ClientSampleId :
PIT-10

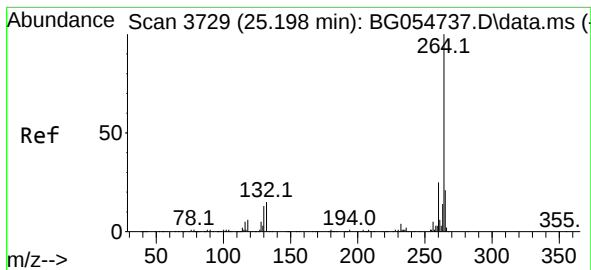
Tgt Ion:184 Resp: 16197
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.0
183 6.2 9.8 14.8#



#79
Terphenyl-d14
Concen: 94.545 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BG054898.D
Acq: 9 Sep 2022 15:37

Tgt Ion:244 Resp: 1151605
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 9.7 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.197 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054898.D

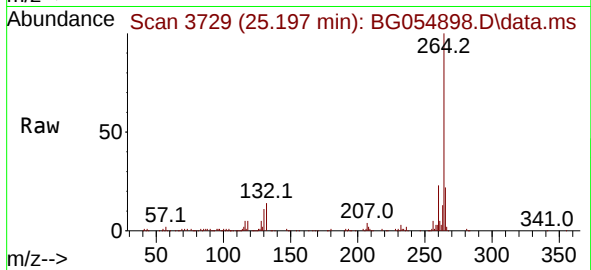
Acq: 9 Sep 2022 15:37

Instrument :

BNA_G

ClientSampleId :

PIT-10



Tgt Ion:264 Resp: 254879

Ion Ratio Lower Upper

264 100

260 23.4 19.9 29.9

265 21.7 16.9 25.3

