

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050517.D
 Acq On : 8 Oct 2021 20:20
 Operator : CG/JU
 Sample : M4117-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3(6.5-7.0)

Quant Time: Oct 09 01:27:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

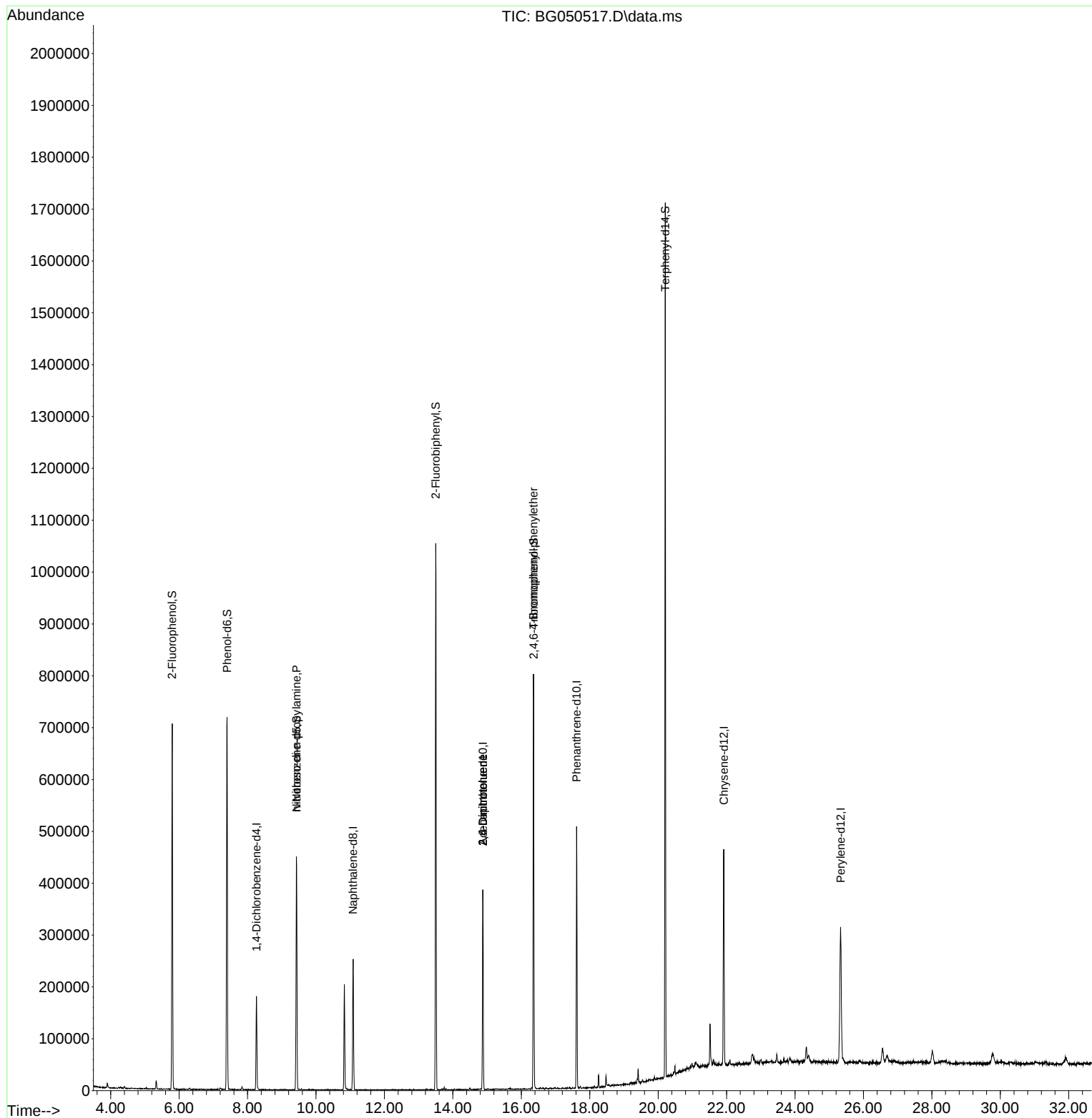
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	47226	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	201592	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	133306	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	290248	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	256113	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	254523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	286717	90.796	ng	0.00
7) Phenol-d6	7.401	99	404125	88.393	ng	0.00
23) Nitrobenzene-d5	9.428	82	290877	59.730	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	113785	89.488	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	510512	57.637	ng	0.00
79) Terphenyl-d14	20.210	244	734957	55.925	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.401	77	1025	Below Cal	#	27
19) n-Nitroso-di-n-propyla...	9.428	70	41296	12.393	ng	# 69
51) 2,6-Dinitrotoluene	14.875	165	17521	8.681	ng	# 11
57) 2,4-Dinitrotoluene	14.875	165	17521	6.159	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	9678	3.309	ng	# 1

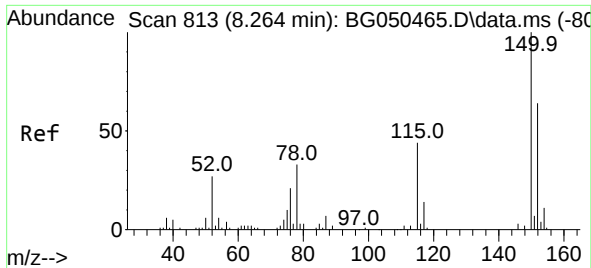
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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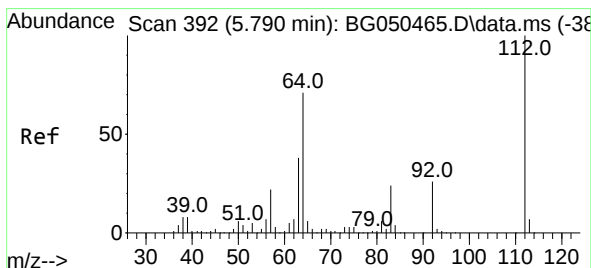
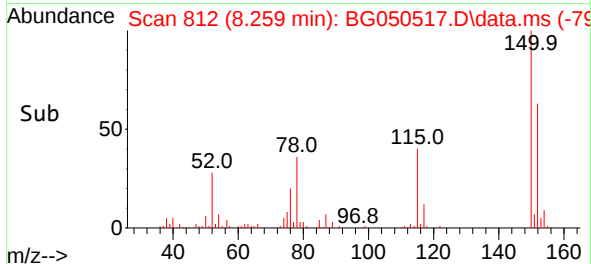
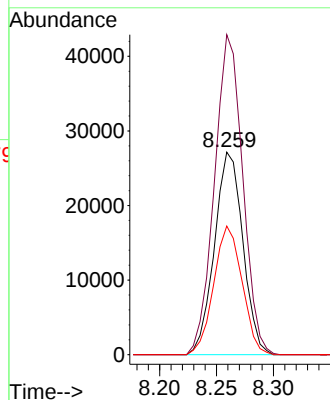
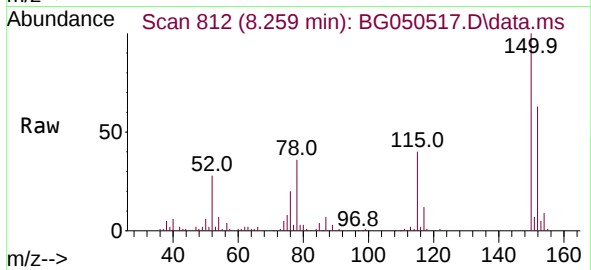




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

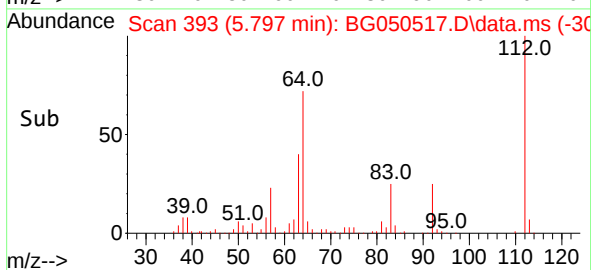
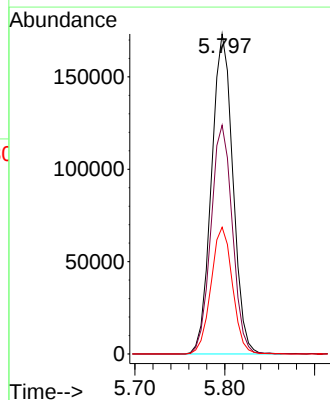
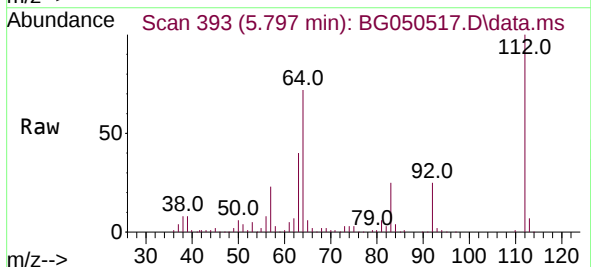
Instrument :
BNA_G
ClientSampleId :
SB-3(6.5-7.0)

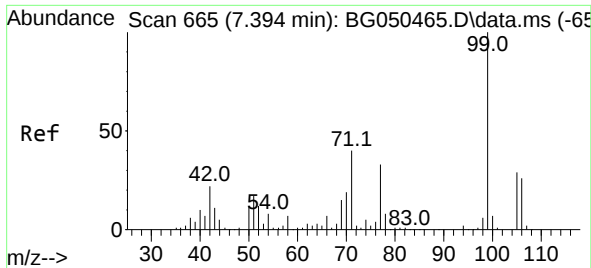
Tgt Ion:152 Resp: 47226
Ion Ratio Lower Upper
152 100
150 158.0 119.4 179.0
115 63.5 60.2 90.4



#5
2-Fluorophenol
Concen: 90.796 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

Tgt Ion:112 Resp: 286717
Ion Ratio Lower Upper
112 100
64 71.5 46.7 70.1#
63 39.6 35.3 52.9

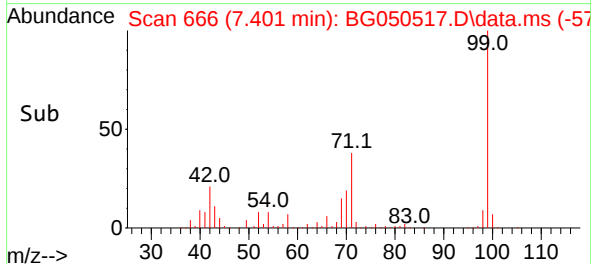
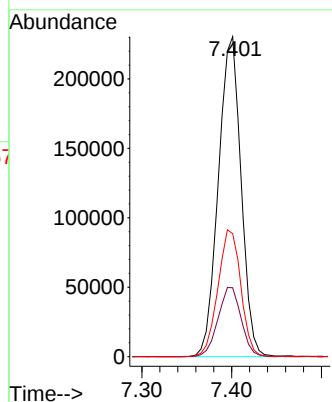
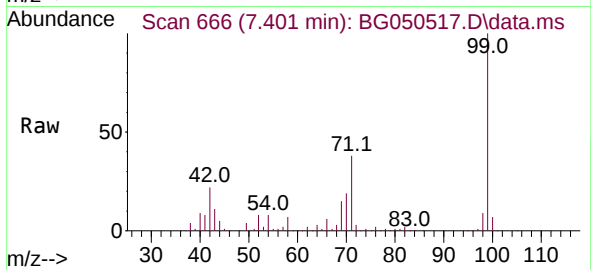




#7
Phenol-d6
Concen: 88.393 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

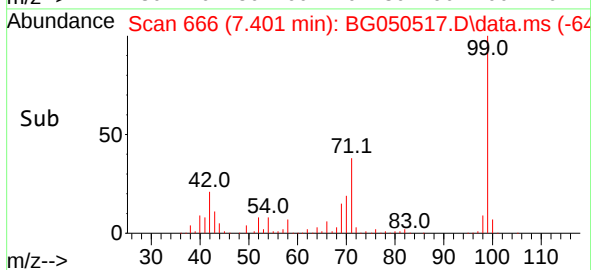
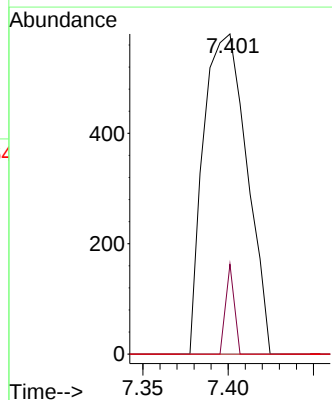
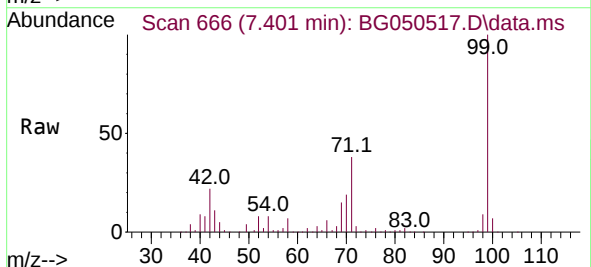
Instrument :
BNA_G
ClientSampleId :
SB-3(6.5-7.0)

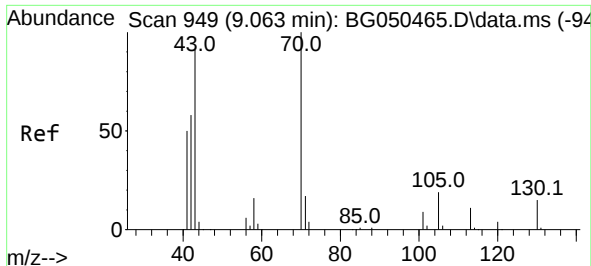
Tgt Ion: 99 Resp: 404125
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 38.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

Tgt Ion: 77 Resp: 1025
Ion Ratio Lower Upper
77 100
105 28.1 68.8 108.8#
106 0.0 47.9 87.9#

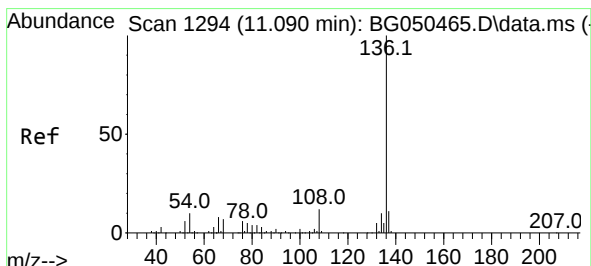
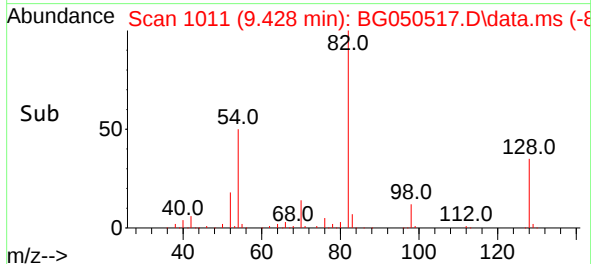
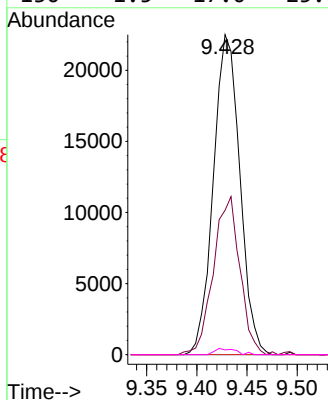
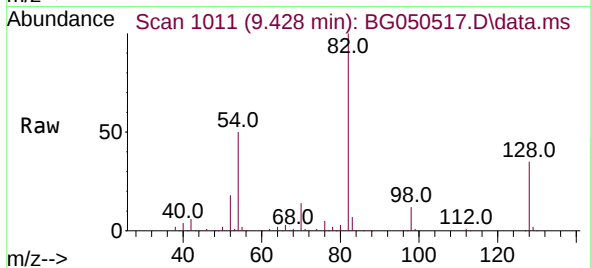




#19
n-Nitroso-di-n-propylamine
Concen: 12.393 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

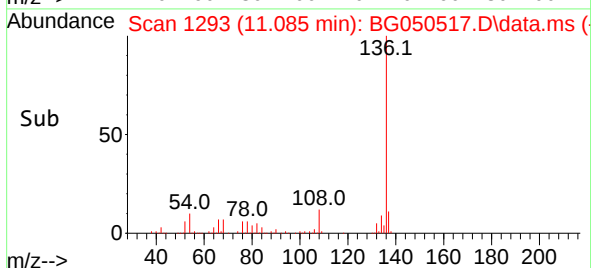
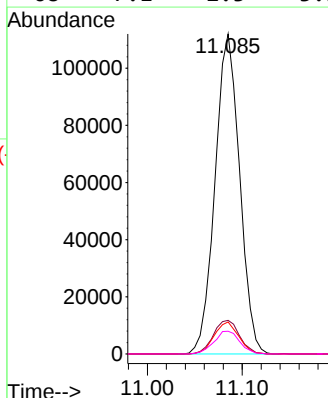
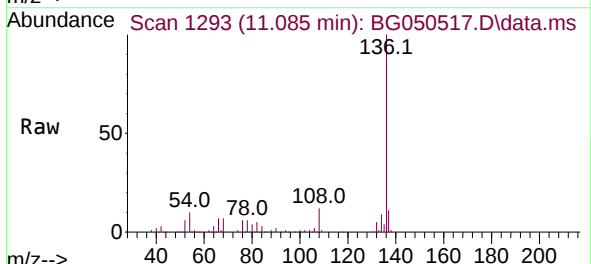
Instrument :
BNA_G
ClientSampleId :
SB-3(6.5-7.0)

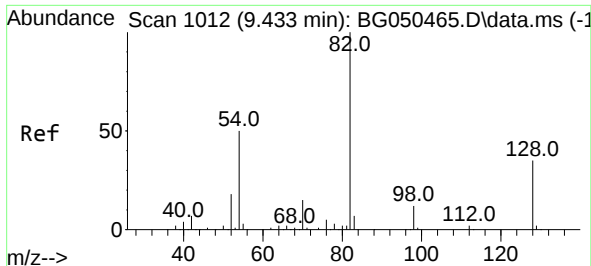
Tgt Ion:	70	Resp:	41296
Ion	Ratio	Lower	Upper
70	100		
42	45.2	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

Tgt Ion:	136	Resp:	201592
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	10.0	5.5	8.3#
68	7.1	2.3	3.5#

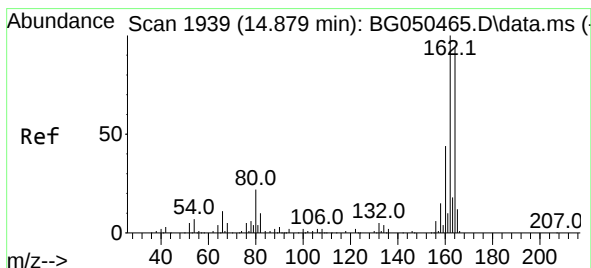
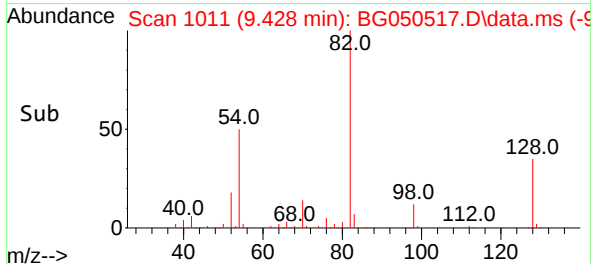
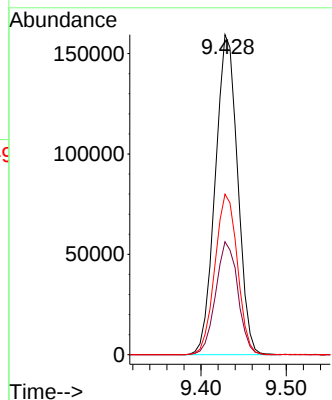
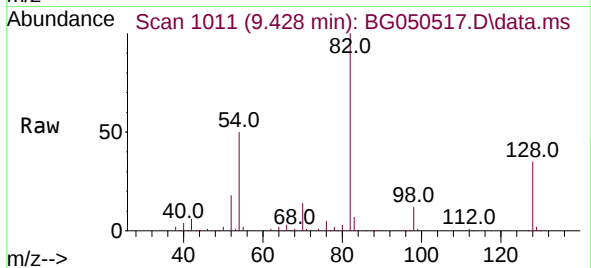




#23
Nitrobenzene-d5
Concen: 59.730 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

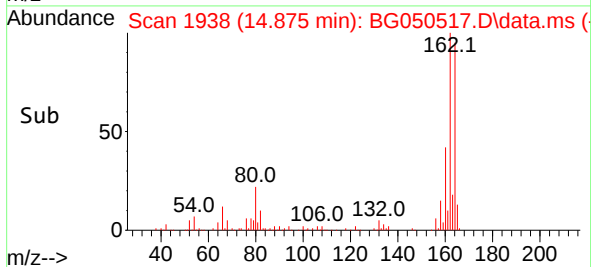
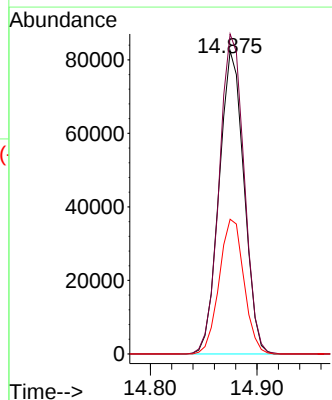
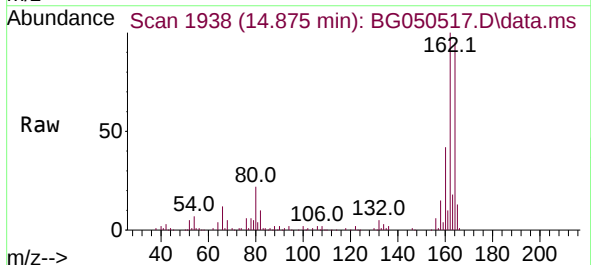
Instrument :
BNA_G
ClientSampleId :
SB-3(6.5-7.0)

Tgt Ion: 82 Resp: 290877
Ion Ratio Lower Upper
82 100
128 35.3 29.8 44.6
54 50.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

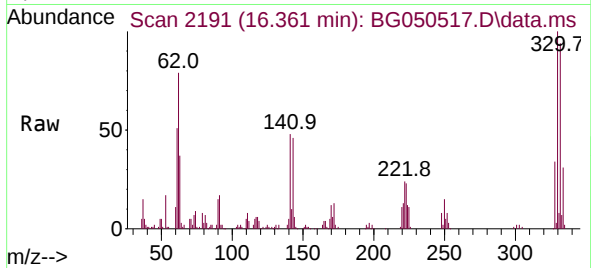
Tgt Ion:164 Resp: 133306
Ion Ratio Lower Upper
164 100
162 105.6 81.4 122.0
160 44.5 34.9 52.3



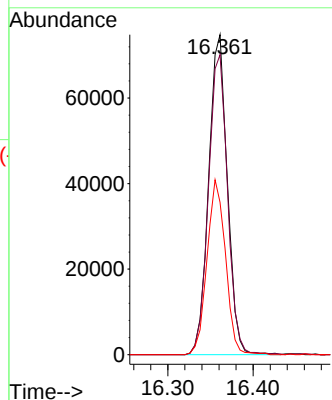
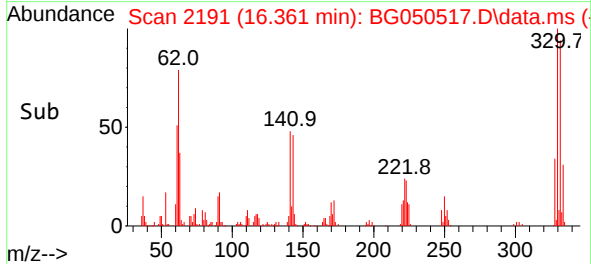


#42
2,4,6-Tribromophenol
Concen: 89.488 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

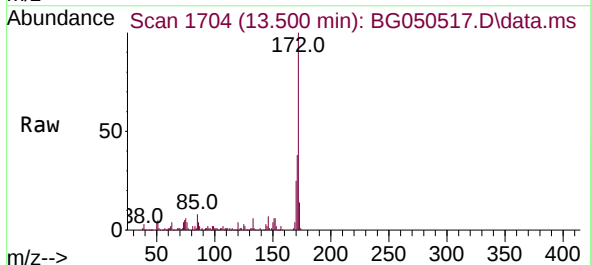
Instrument :
BNA_G
ClientSampleId :
SB-3(6.5-7.0)



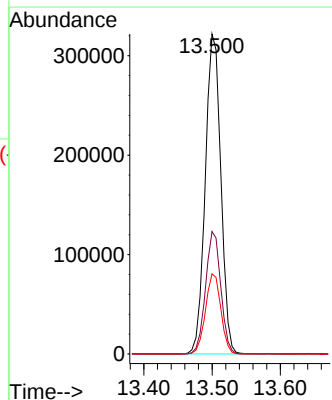
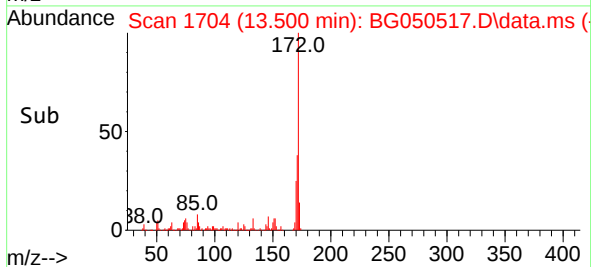
Tgt Ion:330 Resp: 113785
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 54.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 57.637 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20



Tgt Ion:172 Resp: 510512
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 25.0 18.6 27.8

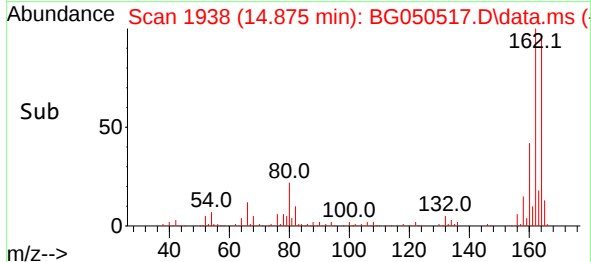
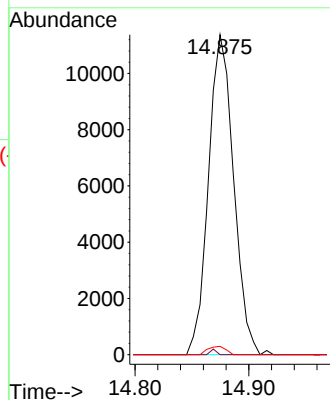
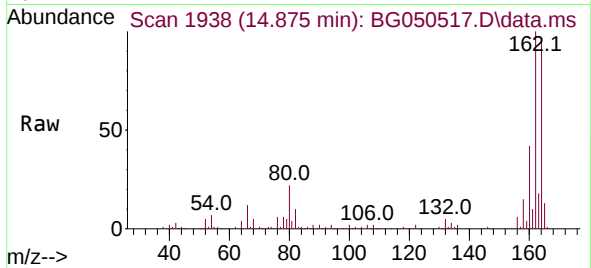




#51
2,6-Dinitrotoluene
Concen: 8.681 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

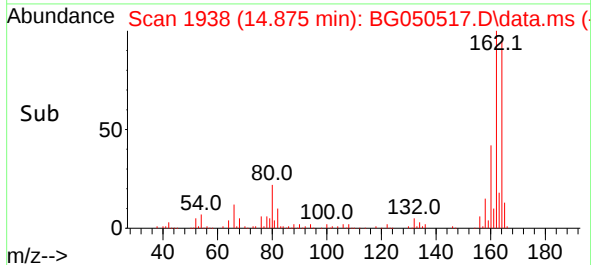
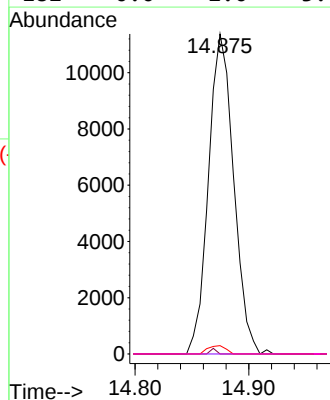
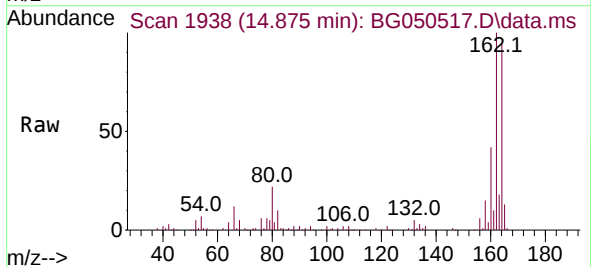
Instrument :
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ClientSampleId :
SB-3(6.5-7.0)

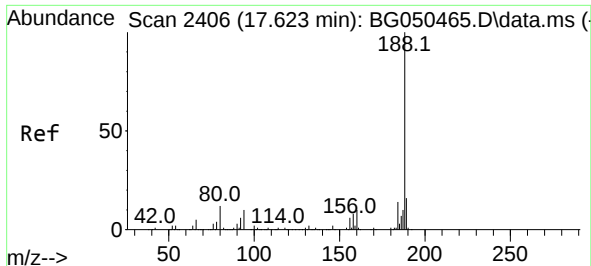
Tgt Ion:165 Resp: 17521
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.159 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

Tgt Ion:165 Resp: 17521
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#

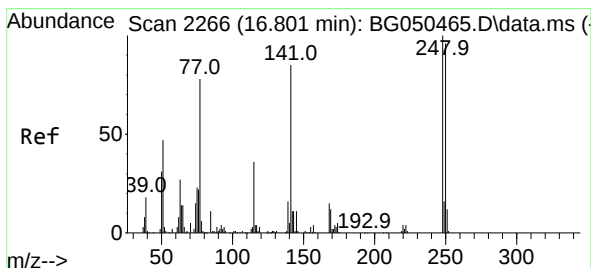
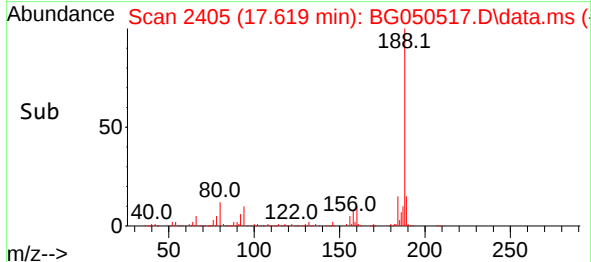
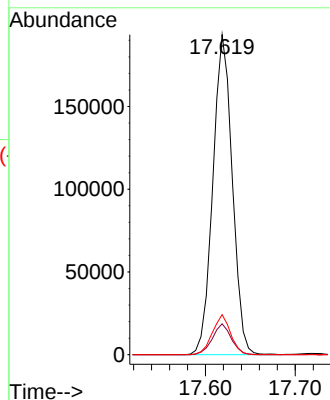
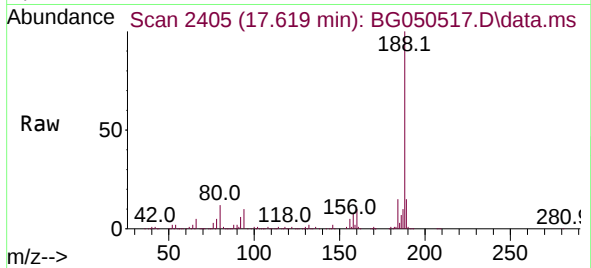




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

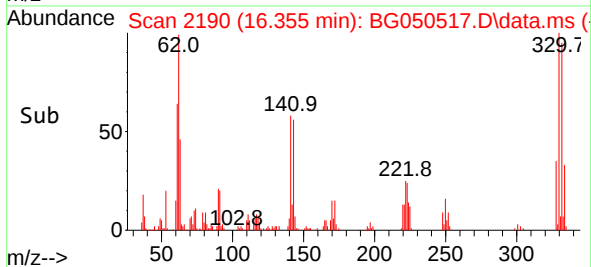
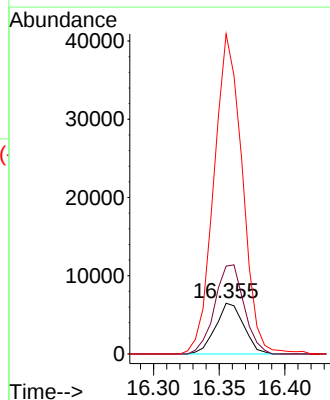
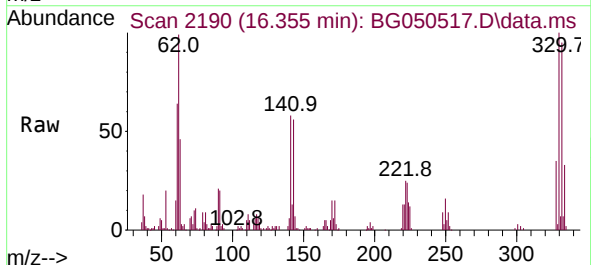
Instrument :
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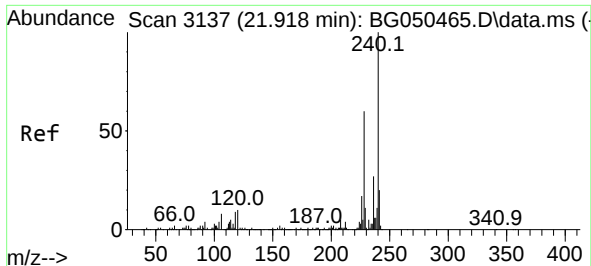
Tgt Ion:188 Resp: 290248
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 12.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.309 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

Tgt Ion:248 Resp: 9678
Ion Ratio Lower Upper
248 100
250 173.1 76.1 114.1#
141 630.1 65.4 98.2#

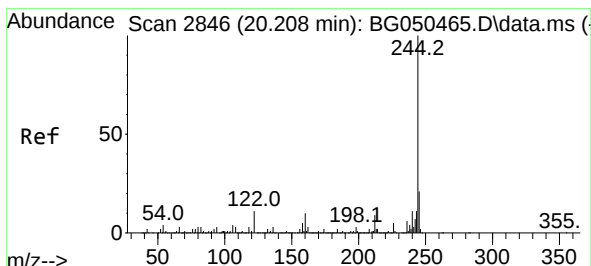
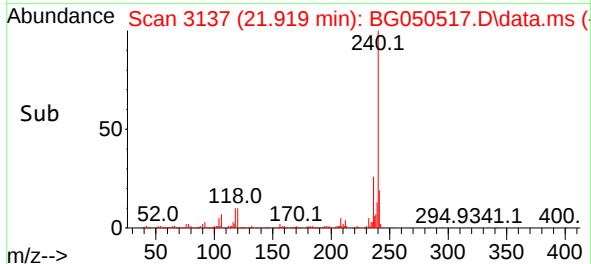
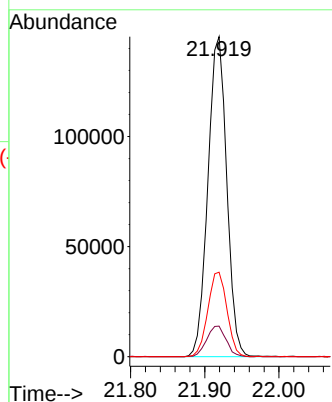
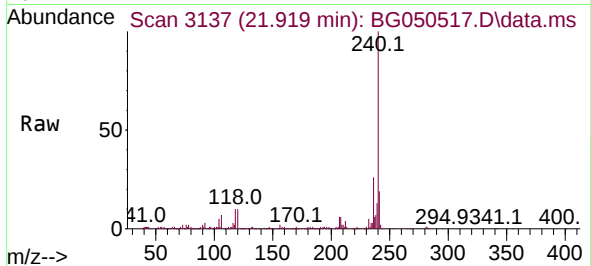




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

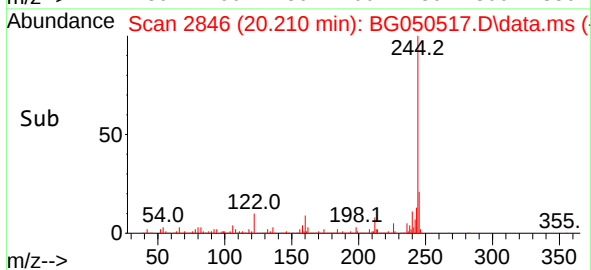
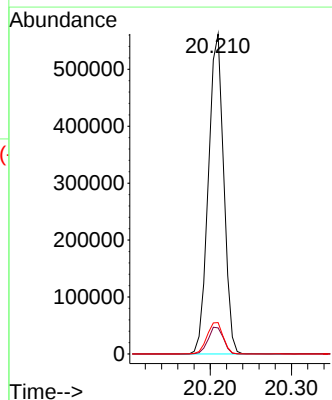
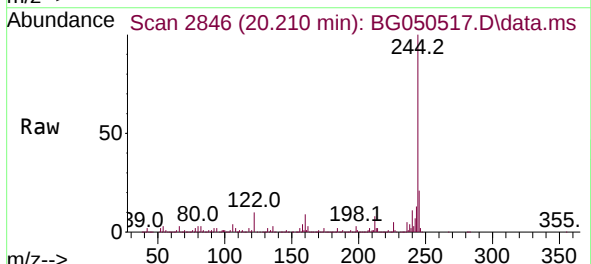
Instrument :
BNA_G
ClientSampleId :
SB-3(6.5-7.0)

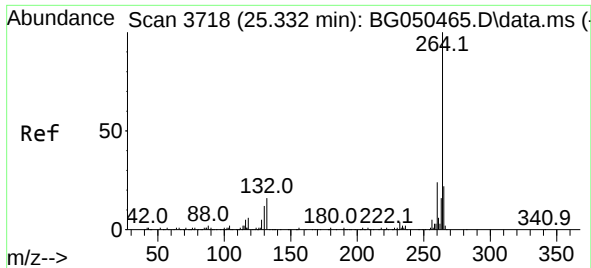
Tgt Ion:240 Resp: 256113
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.4 21.8 32.6



#79
Terphenyl-d14
Concen: 55.925 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050517.D
Acq: 8 Oct 2021 20:20

Tgt Ion:244 Resp: 734957
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 9.8 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050517.D
 Acq: 8 Oct 2021 20:20

Instrument :
 BNA_G
 ClientSampleId :
 SB-3(6.5-7.0)

Tgt Ion:264 Resp: 254523
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.1 16.9 25.3

