

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050706.D
 Acq On : 23 Oct 2021 2:29
 Operator : CG/JU
 Sample : M4256-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 454BASIN-20211014

Quant Time: Oct 23 03:11:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

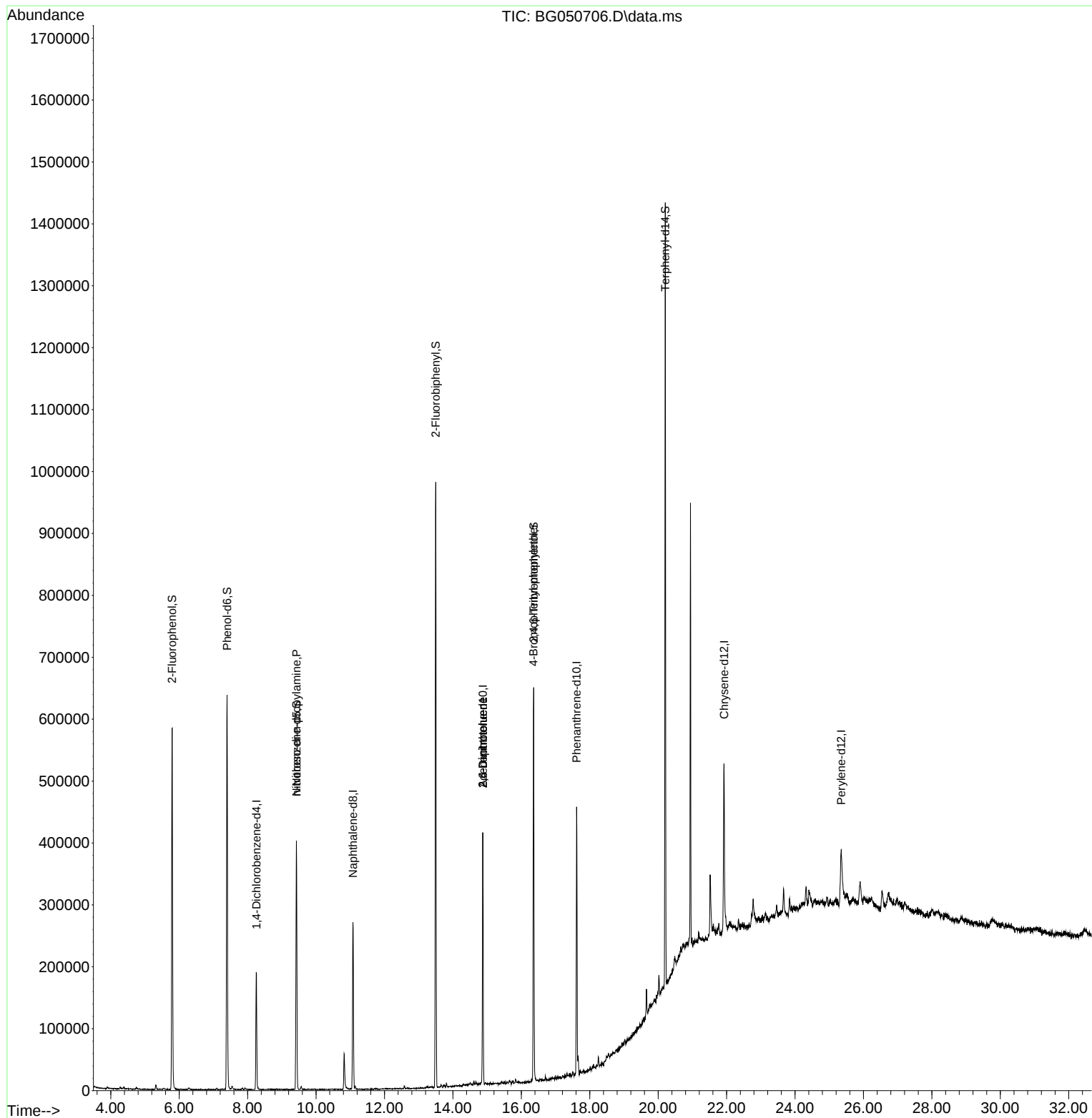
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	52360	20.000	ng	# 0.00
21) Naphthalene-d8	11.078	136	226023	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	136713	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	261530	20.000	ng	# 0.00
76) Chrysene-d12	21.924	240	200659	20.000	ng	# 0.00
86) Perylene-d12	25.350	264	108584	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	276495	78.974	ng	0.00
7) Phenol-d6	7.400	99	376506	74.277	ng	0.00
23) Nitrobenzene-d5	9.427	82	268930	49.254	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	95209	73.013	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	490301	53.976	ng	0.00
79) Terphenyl-d14	20.209	244	579172	56.250	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.394	77	839	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.427	70	37757	10.220	ng	# 70
51) 2,6-Dinitrotoluene	14.874	165	17740	8.571	ng	# 12
57) 2,4-Dinitrotoluene	14.874	165	17740	6.081	ng	# 17
67) 4-Bromophenyl-phenylether	16.354	248	7687	2.917	ng	# 1

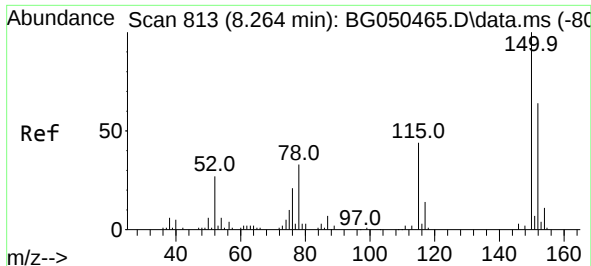
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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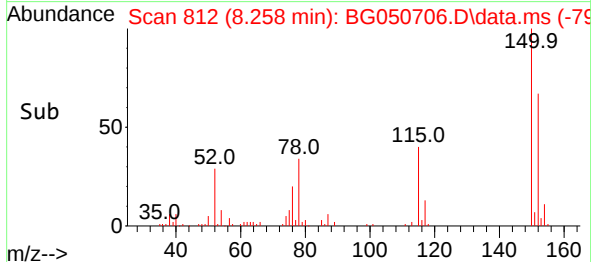
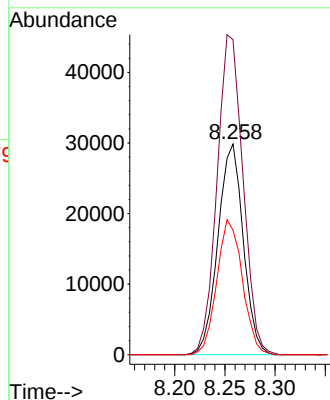
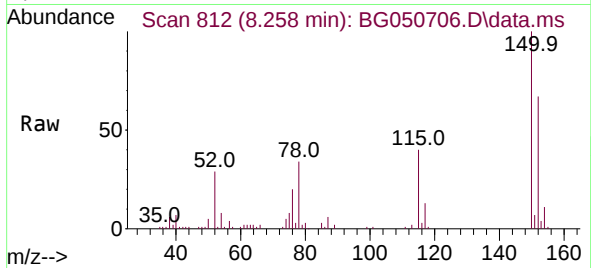




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

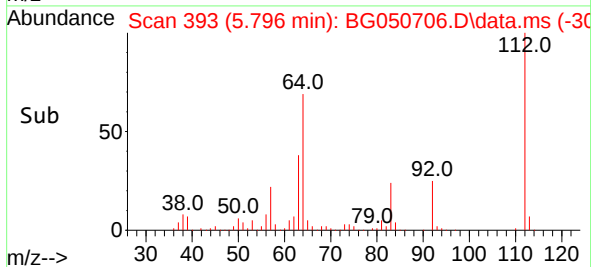
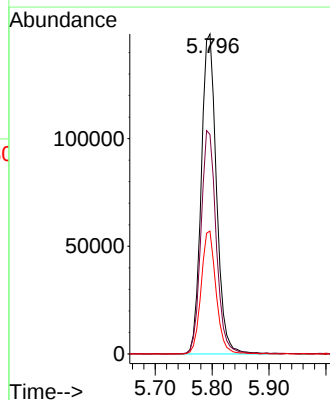
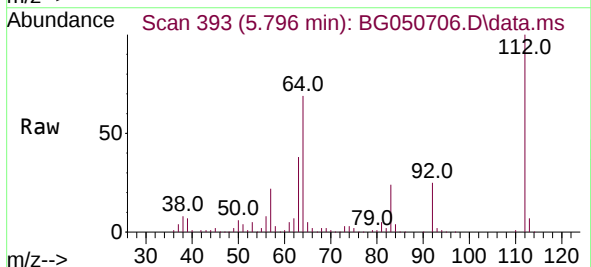
Instrument :
BNA_G
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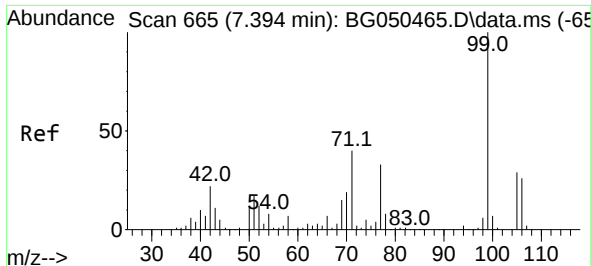
Tgt Ion:152 Resp: 52360
Ion Ratio Lower Upper
152 100
150 149.5 119.4 179.0
115 59.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 78.974 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:112 Resp: 276495
Ion Ratio Lower Upper
112 100
64 68.6 46.7 70.1
63 38.4 35.3 52.9

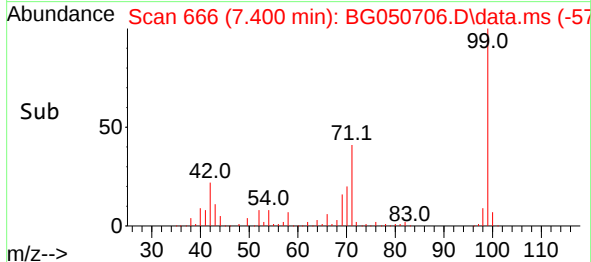
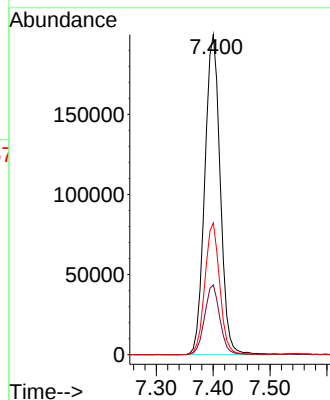
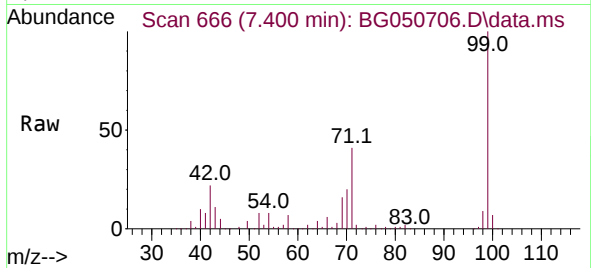




#7
Phenol-d6
Concen: 74.277 ng
RT: 7.400 min Scan# 666
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

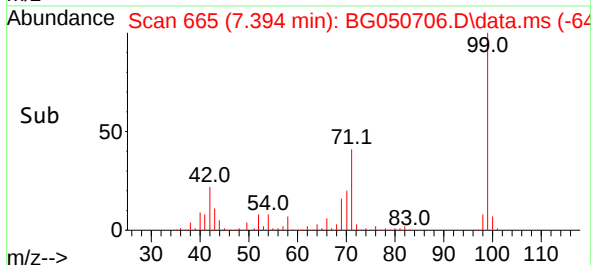
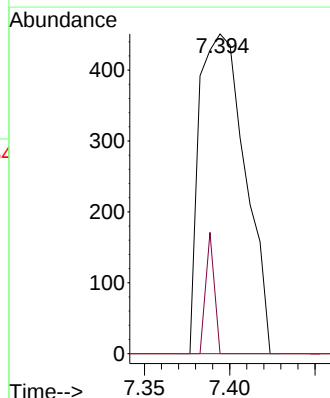
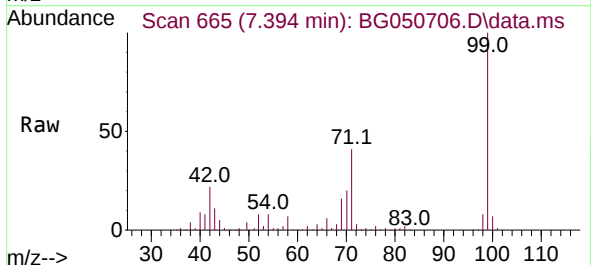
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

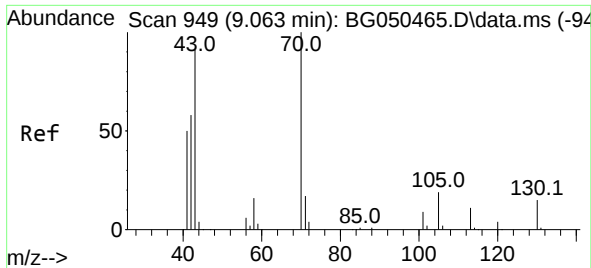
Tgt Ion: 99 Resp: 376506
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 41.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.394 min Scan# 665
Delta R.T. 0.006 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion: 77 Resp: 839
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

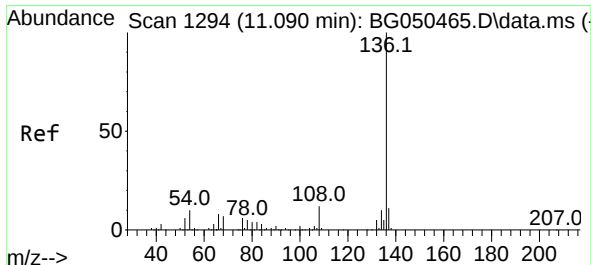
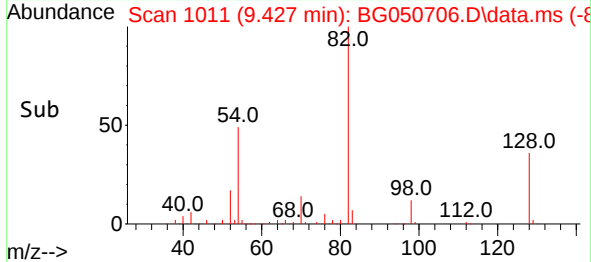
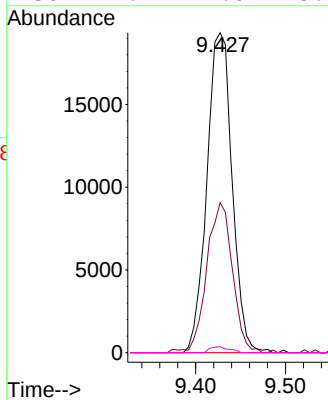
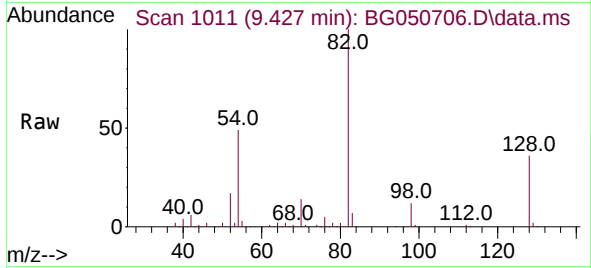




#19
n-Nitroso-di-n-propylamine
Concen: 10.220 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

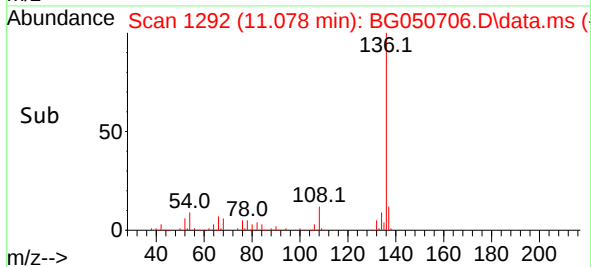
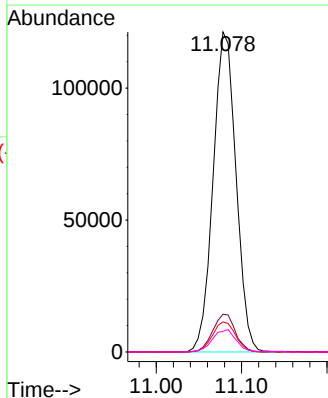
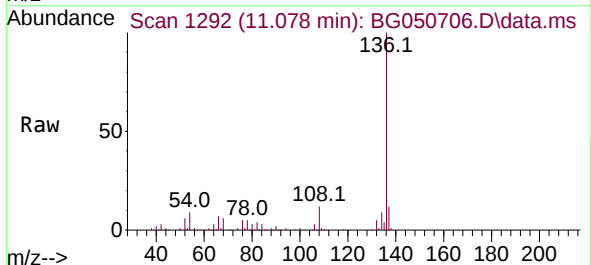
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

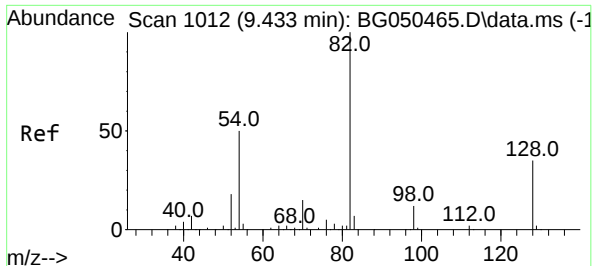
Tgt Ion:	70	Resp:	37757
Ion	Ratio	Lower	Upper
70	100		
42	46.9	54.5	81.7#
101	0.0	9.0	13.6#
130	1.9	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:	136	Resp:	226023
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.2
54	9.4	5.5	8.3#
68	6.5	2.3	3.5#

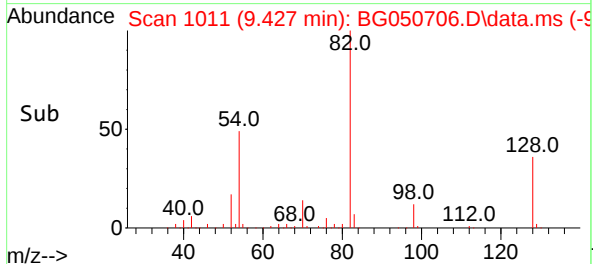
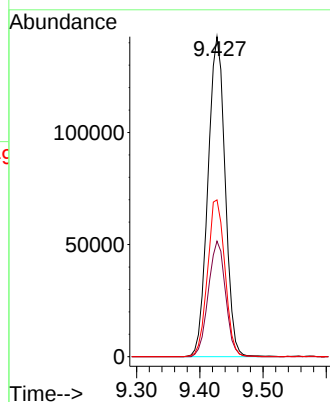
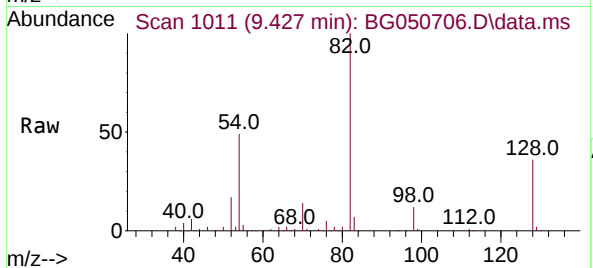




#23
Nitrobenzene-d5
Concen: 49.254 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

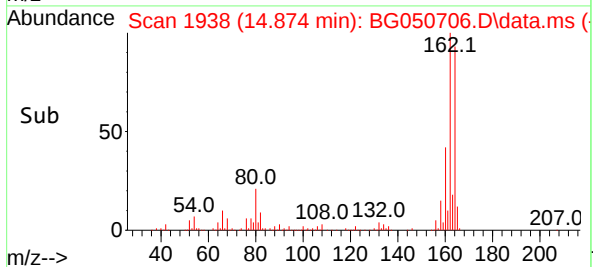
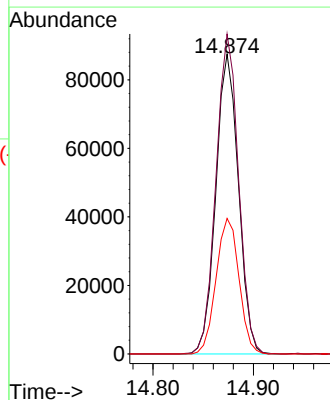
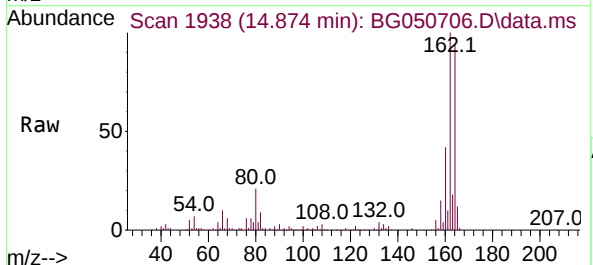
Instrument :
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454BASIN-20211014

Tgt Ion: 82 Resp: 268930
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 49.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:164 Resp: 136713
Ion Ratio Lower Upper
164 100
162 106.7 81.4 122.0
160 45.2 34.9 52.3

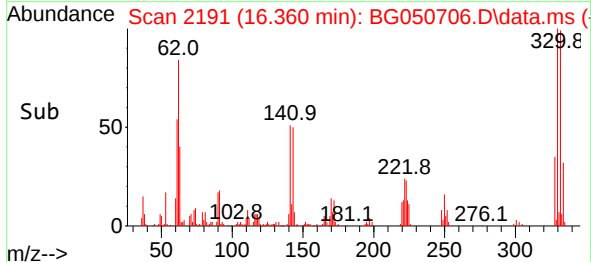
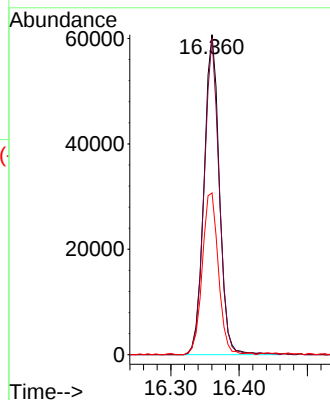
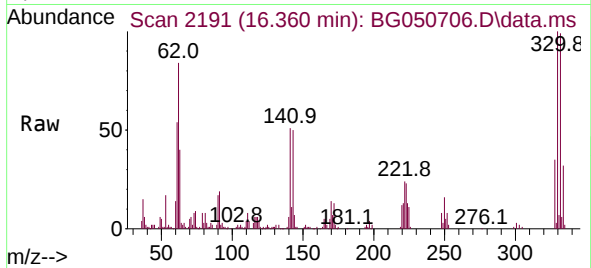




#42
2,4,6-Tribromophenol
Concen: 73.013 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

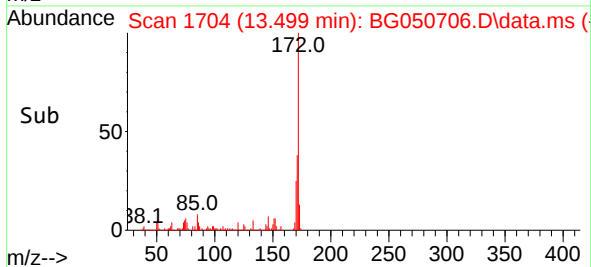
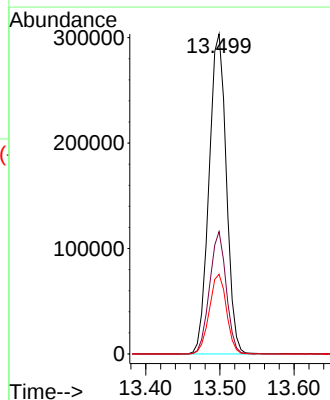
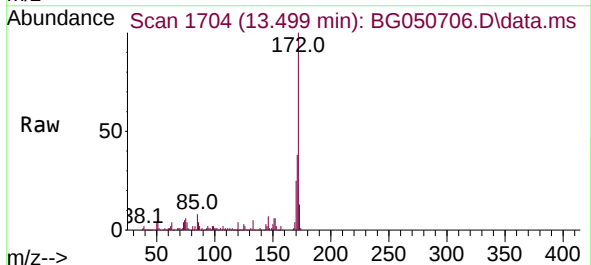
Instrument :
BNA_G
ClientSampleId :
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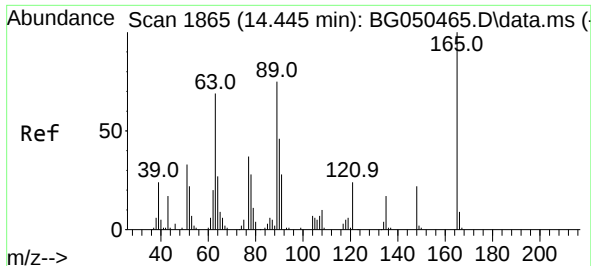
Tgt Ion:330 Resp: 95209
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 52.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 53.976 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:172 Resp: 490301
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 24.9 18.6 27.8

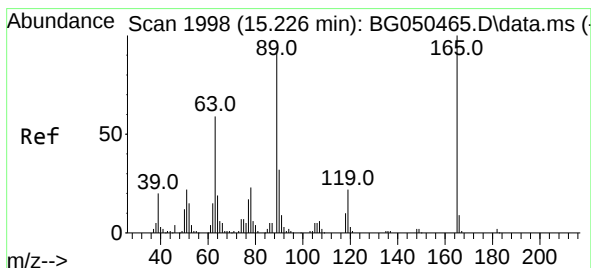
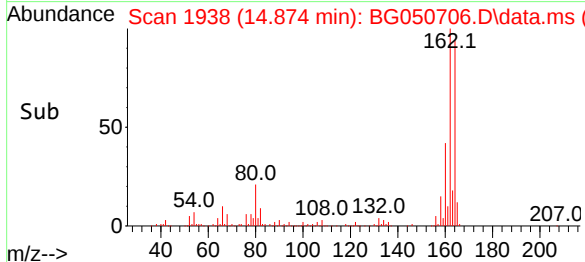
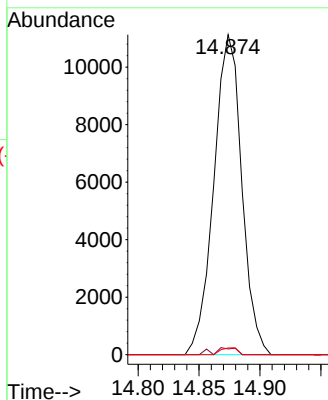
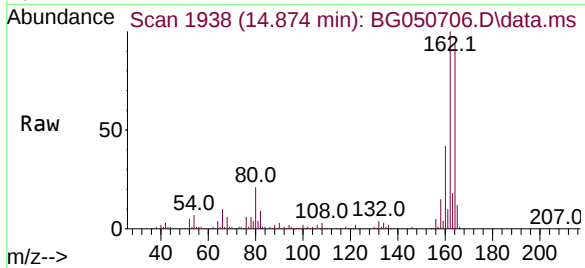




#51
2,6-Dinitrotoluene
Concen: 8.571 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

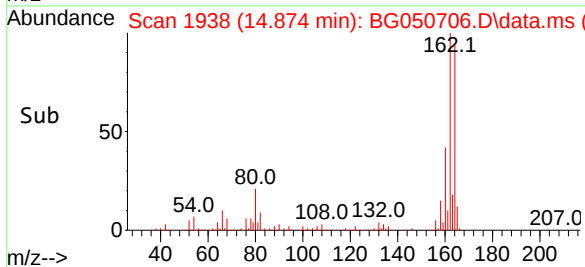
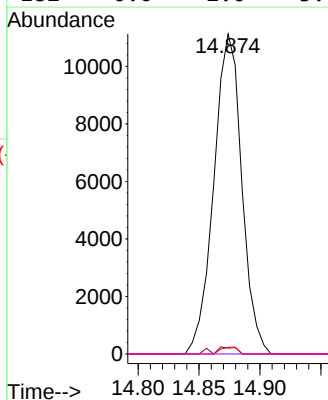
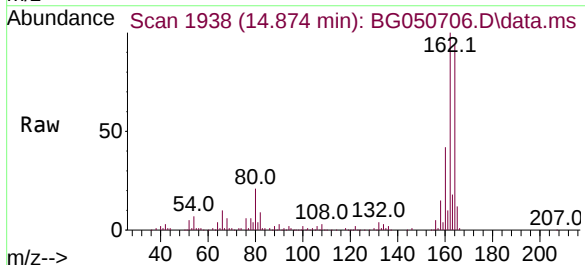
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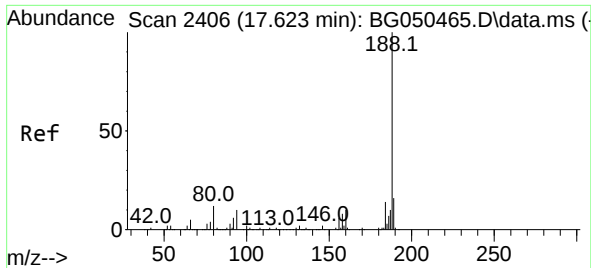
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	63.3	94.9#
89	2.1	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 6.081 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.353 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	48.0	72.0#
89	2.1	65.4	98.0#
182	0.0	2.0	3.0#

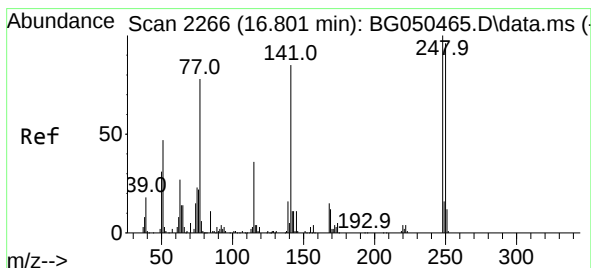
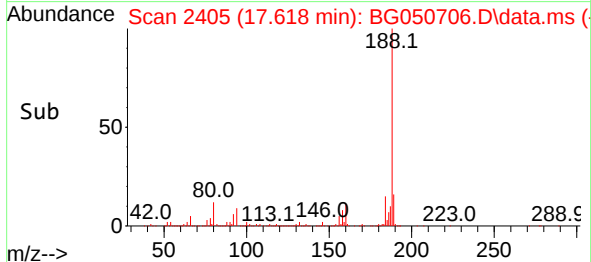
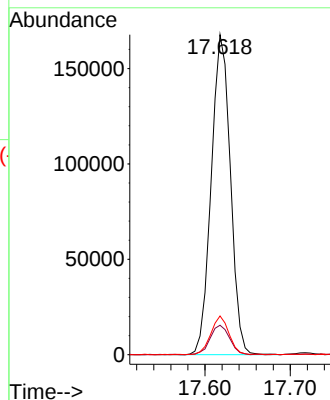
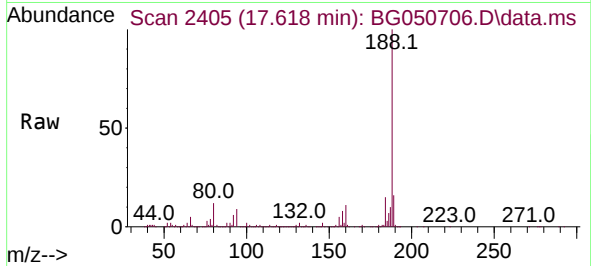




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

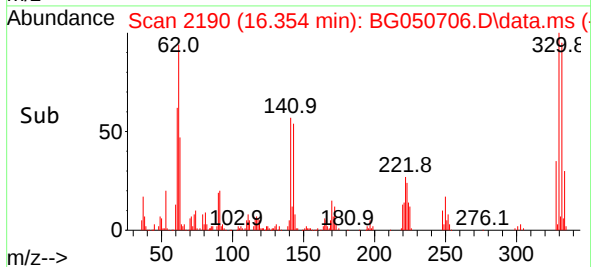
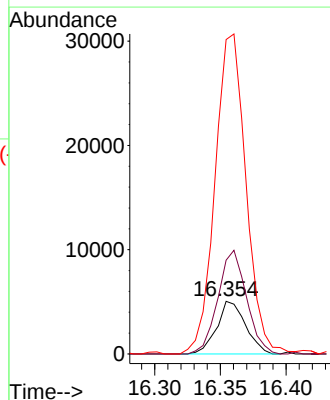
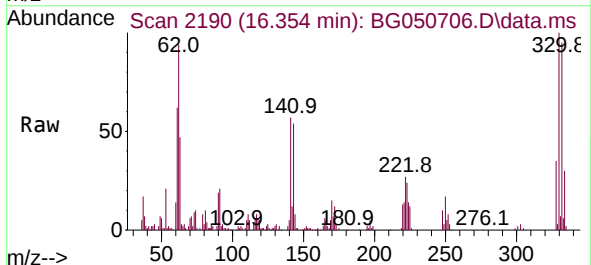
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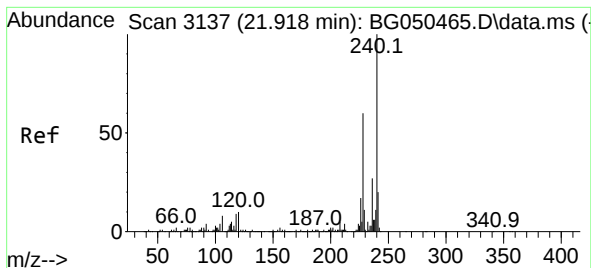
Tgt Ion:188 Resp: 261530
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 12.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.917 ng
RT: 16.354 min Scan# 2190
Delta R.T. -0.447 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

Tgt Ion:248 Resp: 7687
Ion Ratio Lower Upper
248 100
250 178.0 76.1 114.1#
141 596.9 65.4 98.2#

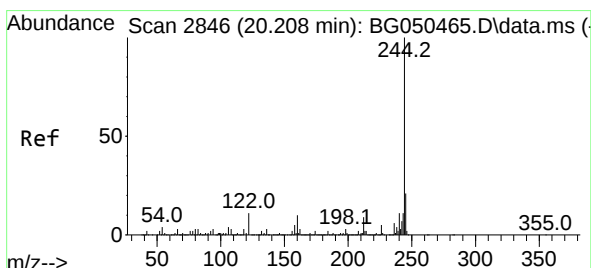
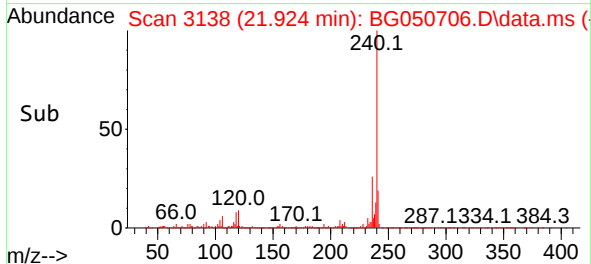
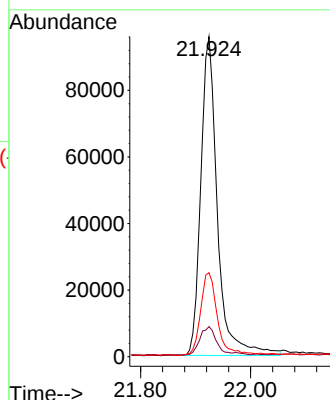
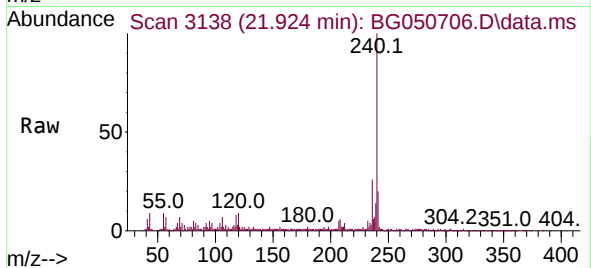




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

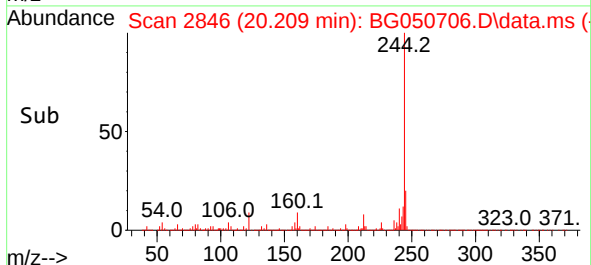
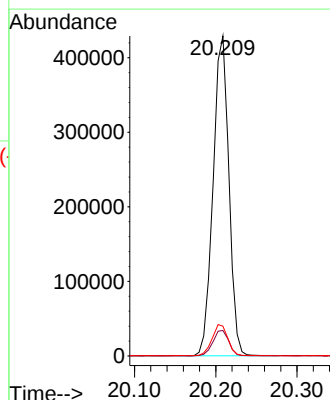
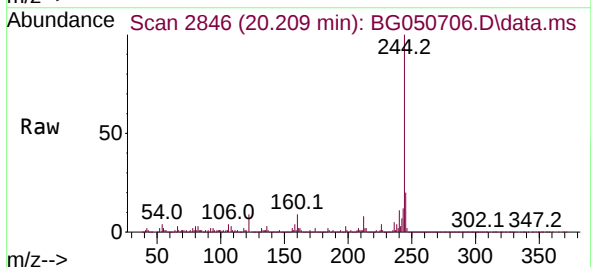
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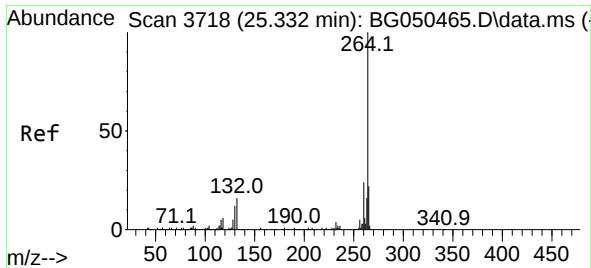
Tgt Ion:240 Resp: 200659
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.3 21.8 32.6



#79
Terphenyl-d14
Concen: 56.250 ng
RT: 20.209 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BG050706.D
Acq: 23 Oct 2021 2:29

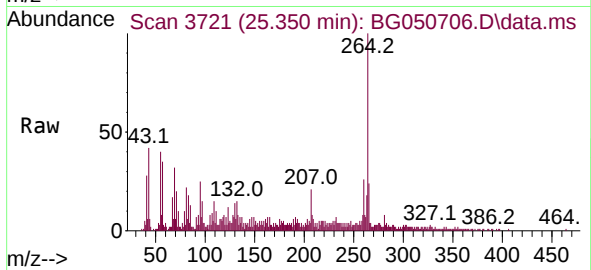
Tgt Ion:244 Resp: 579172
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.3 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.350 min Scan# 3721
 Delta R.T. 0.017 min
 Lab File: BG050706.D
 Acq: 23 Oct 2021 2:29

Instrument :
 BNA_G
 ClientSampleId :
 454BASIN-20211014



Tgt Ion:	264	Resp:	108584
Ion Ratio	Lower	Upper	
264	100		
260	26.4	19.4	29.2
265	23.8	16.9	25.3

