

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050515.D
 Acq On : 8 Oct 2021 18:57
 Operator : CG/JU
 Sample : M4117-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(3-3.5)

Quant Time: Oct 09 01:26:53 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)

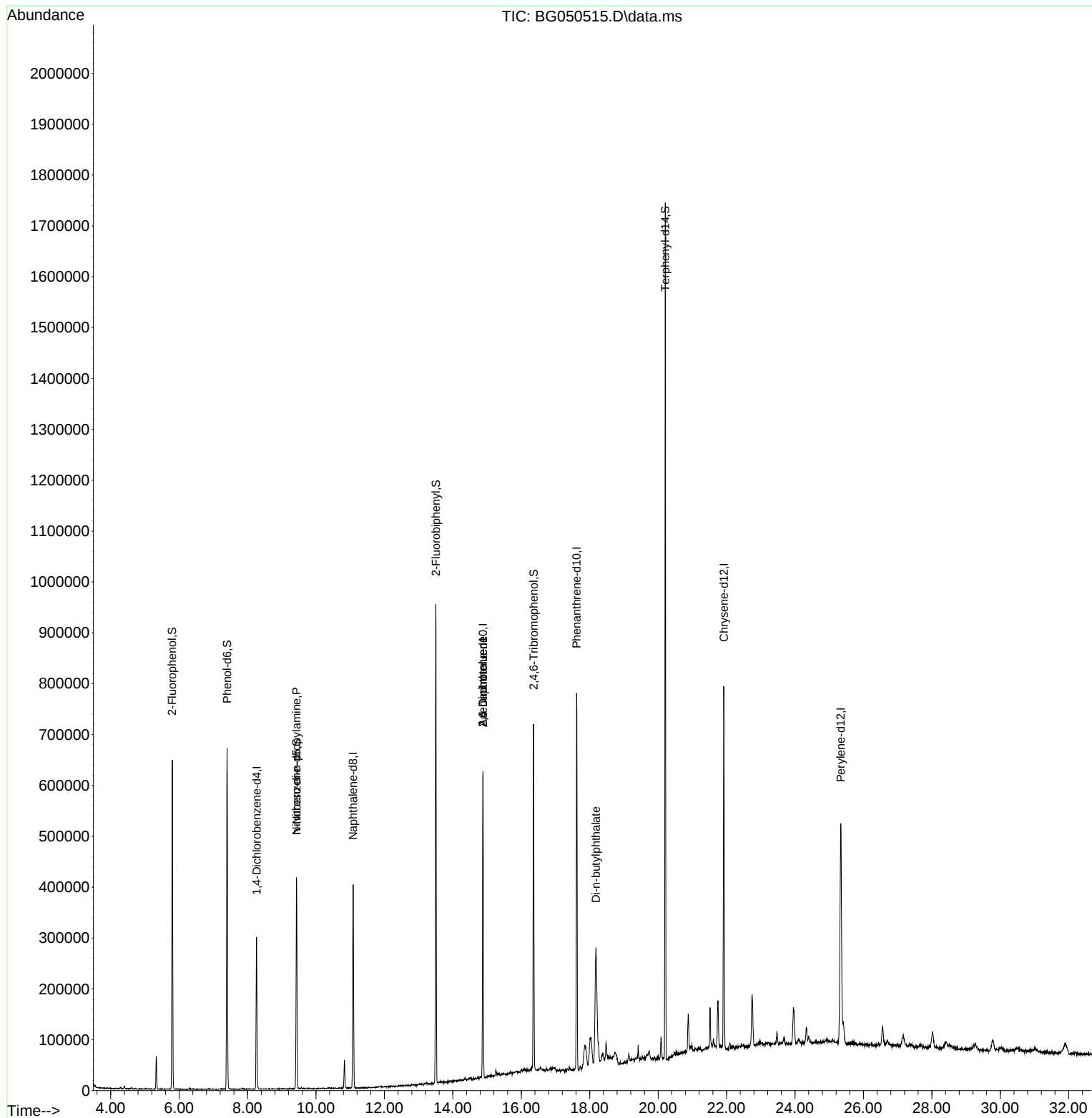
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	79298	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	321626	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	207073	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	455364	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	436231	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	435689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	264484	49.881	ng	0.00
7) Phenol-d6	7.401	99	368681	48.025	ng	0.00
23) Nitrobenzene-d5	9.434	82	270081	34.762	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	96118	48.665	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	462959	33.648	ng	0.00
79) Terphenyl-d14	20.209	244	719468	32.142	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.401	77	798	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.434	70	39573	7.072 ng	#	70
51) 2,6-Dinitrotoluene	14.880	165	27621	8.811 ng	#	11
57) 2,4-Dinitrotoluene	14.880	165	27621	6.251 ng	#	17
74) Di-n-butylphthalate	18.182	149	256387	9.193 ng	#	87

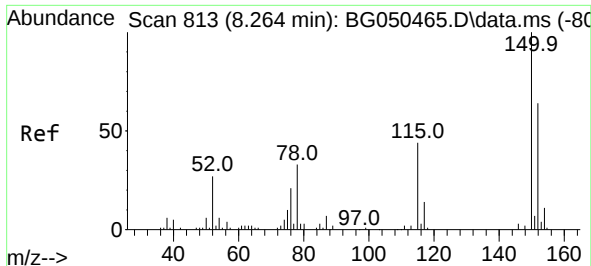
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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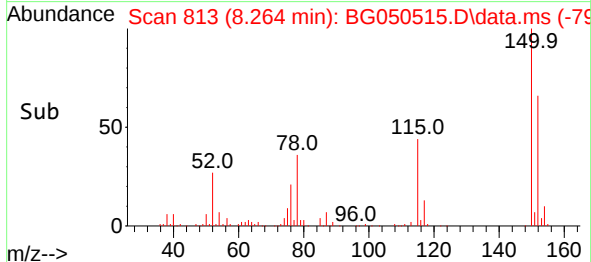
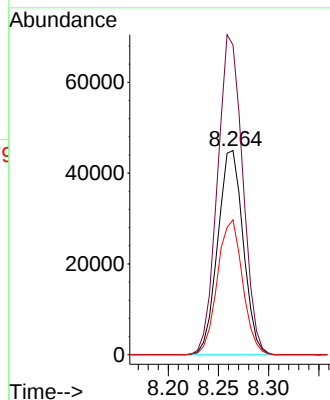
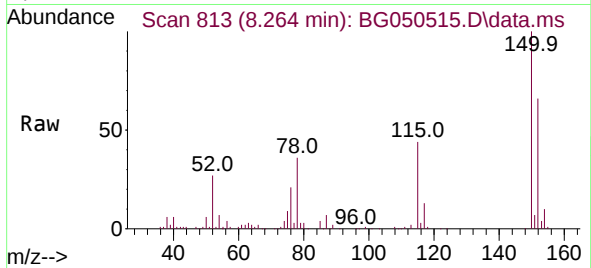




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

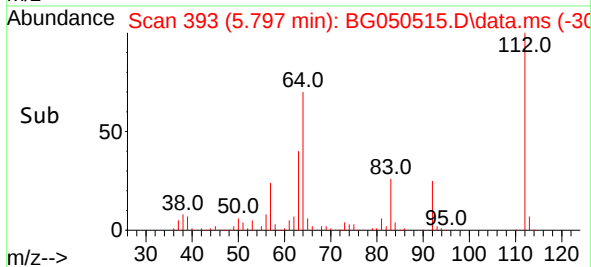
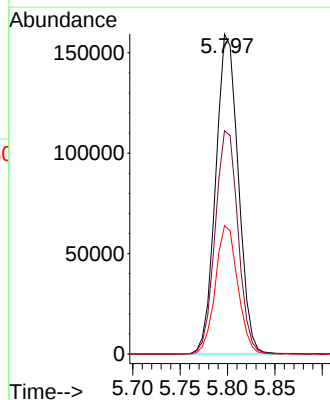
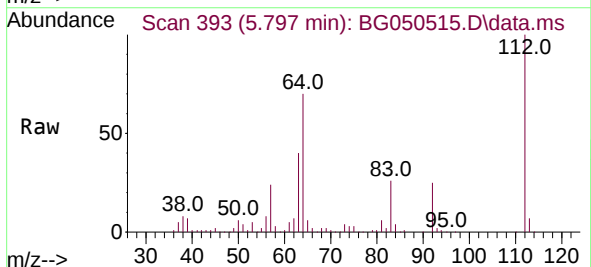
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

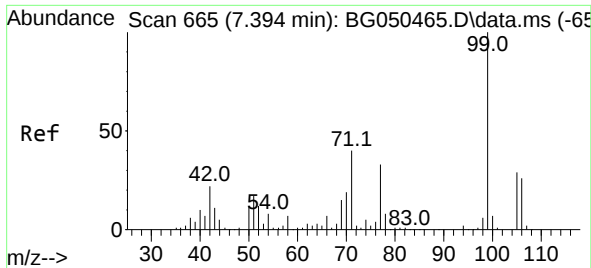
Tgt Ion:152 Resp: 79298
Ion Ratio Lower Upper
152 100
150 151.6 119.4 179.0
115 66.1 60.2 90.4



#5
2-Fluorophenol
Concen: 49.881 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:112 Resp: 264484
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 40.1 35.3 52.9

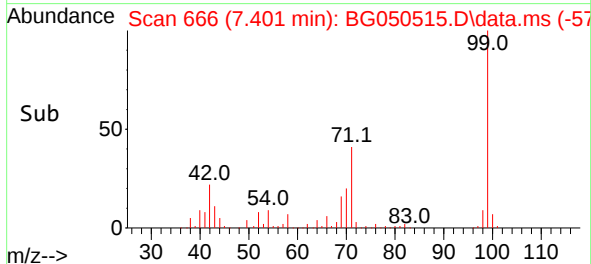
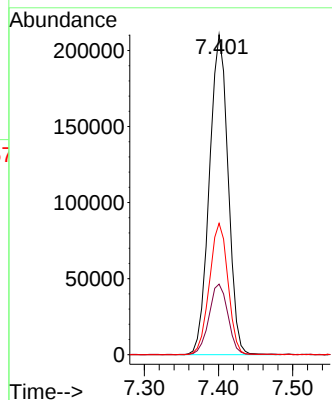
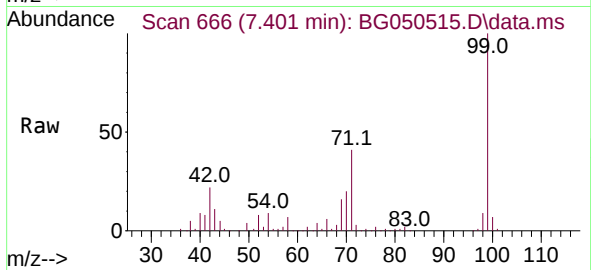




#7
Phenol-d6
Concen: 48.025 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

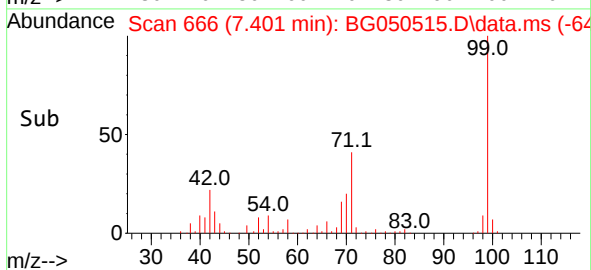
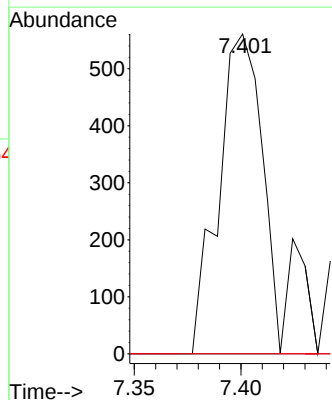
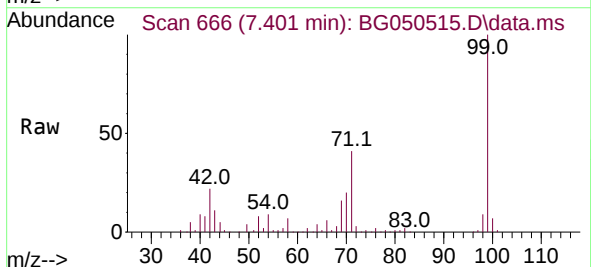
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

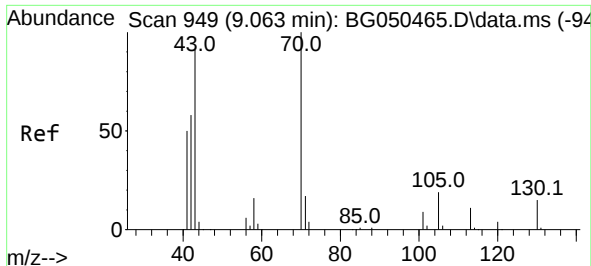
Tgt Ion: 99 Resp: 368681
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 41.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

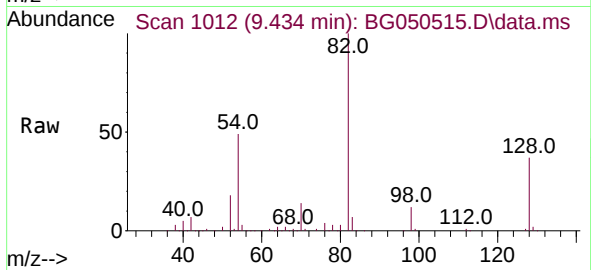
Tgt Ion: 77 Resp: 798
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



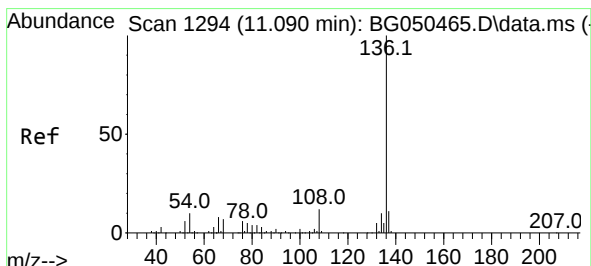
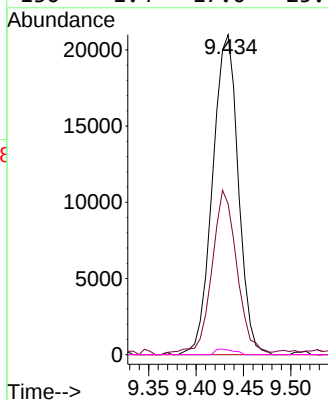
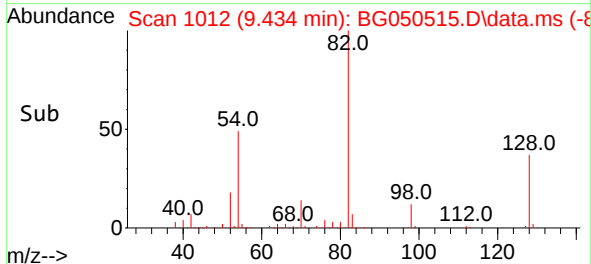


#19
n-Nitroso-di-n-propylamine
Concen: 7.072 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.371 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

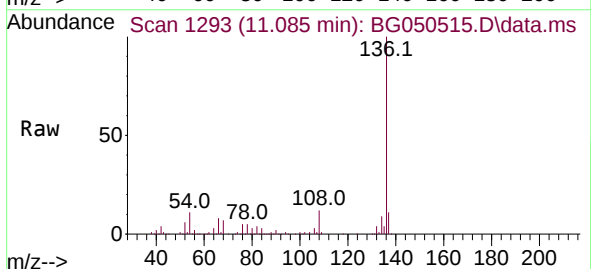
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)



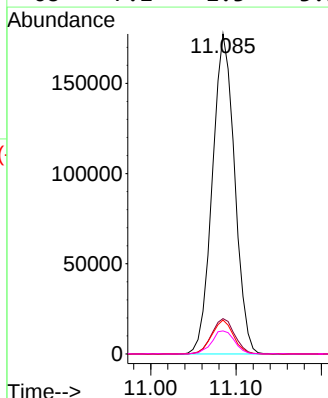
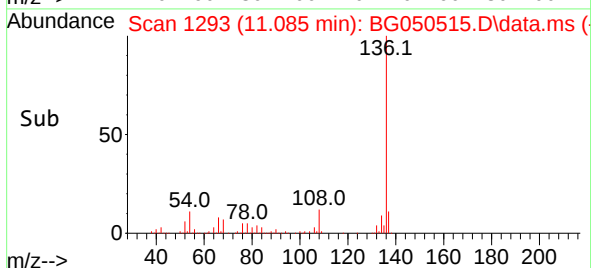
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.2	54.5	81.7#
101	0.0	9.0	13.6#
130	1.4	17.0	25.6#

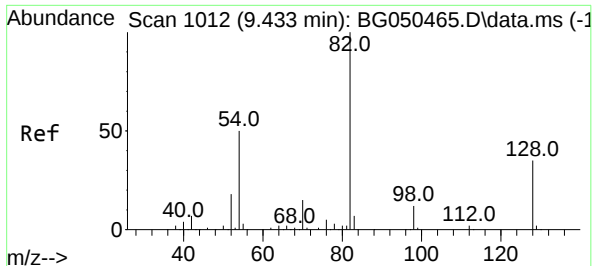


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	10.6	5.5	8.3#
68	7.2	2.3	3.5#

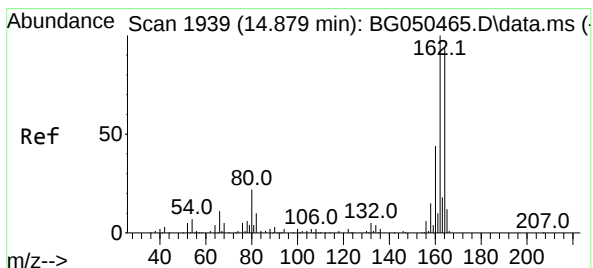
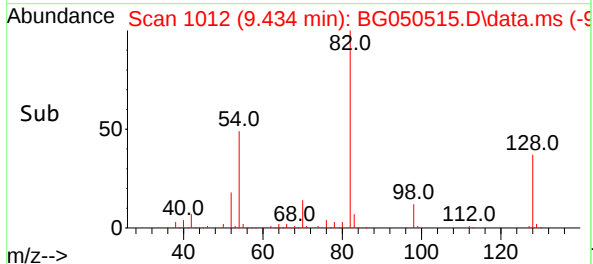
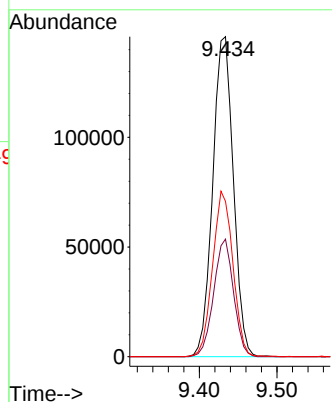
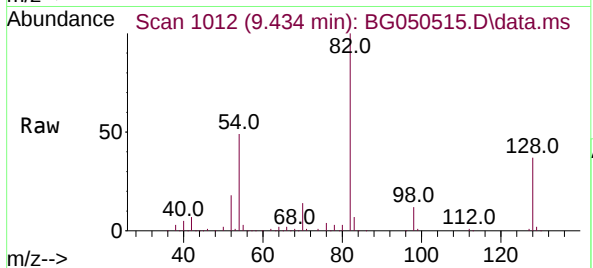




#23
Nitrobenzene-d5
Concen: 34.762 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

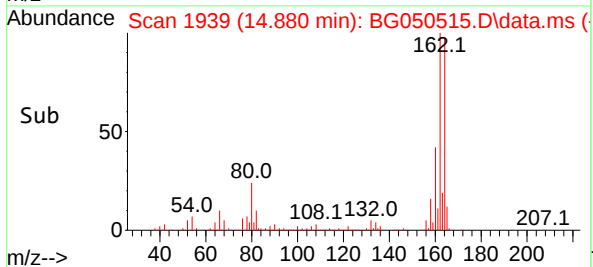
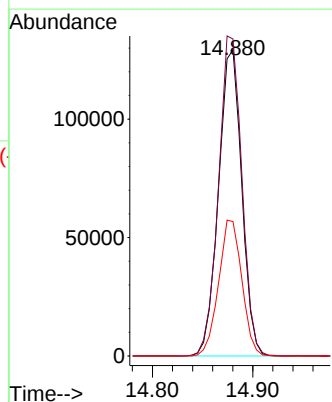
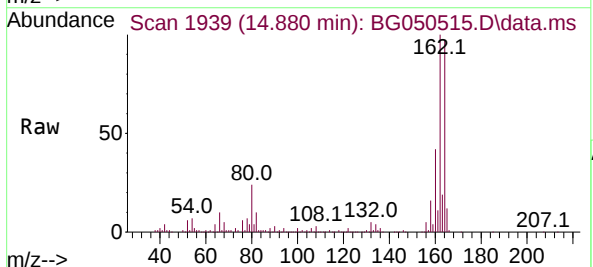
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

Tgt Ion: 82 Resp: 270081
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 48.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:164 Resp: 207073
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 43.9 34.9 52.3

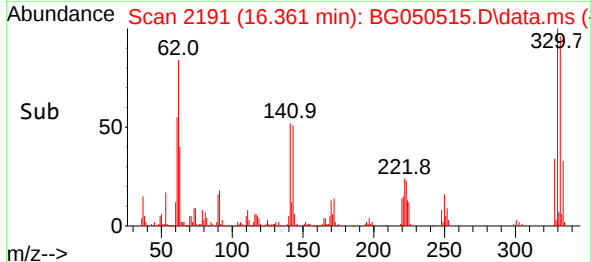
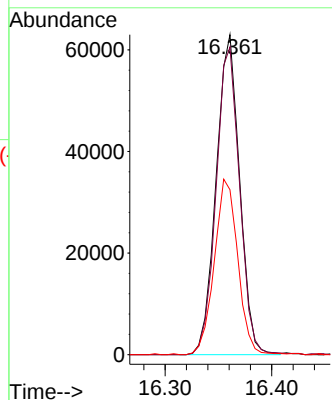
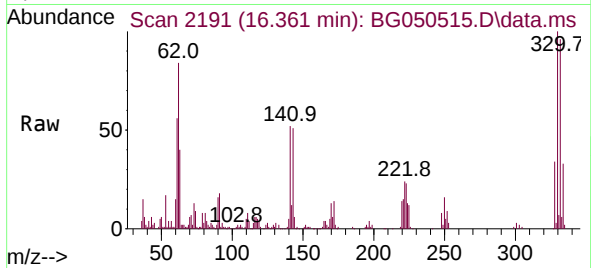




#42
2,4,6-Tribromophenol
Concen: 48.665 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

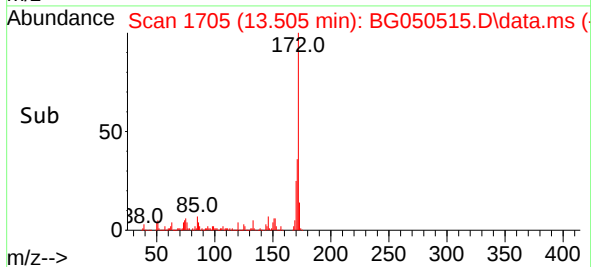
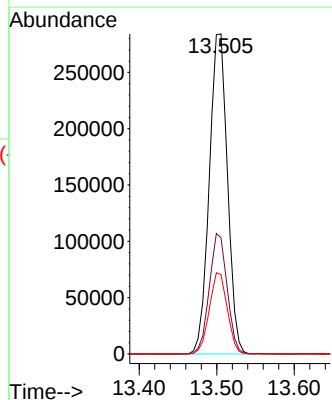
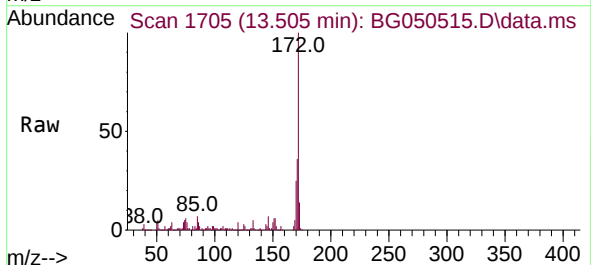
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

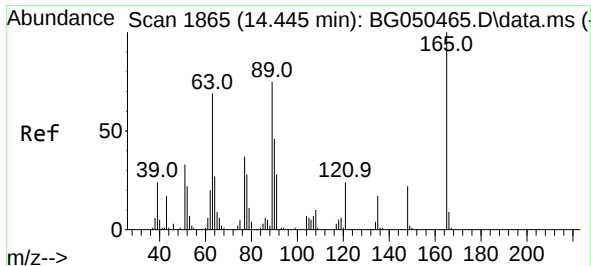
Tgt Ion:330 Resp: 96118
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 55.2 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 33.648 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:172 Resp: 462959
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.8 18.6 27.8

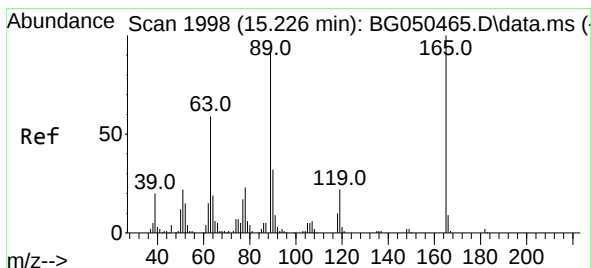
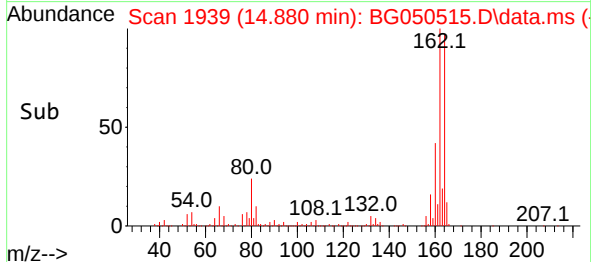
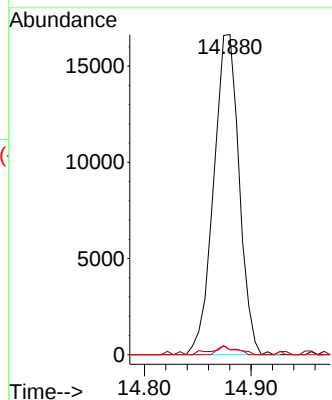
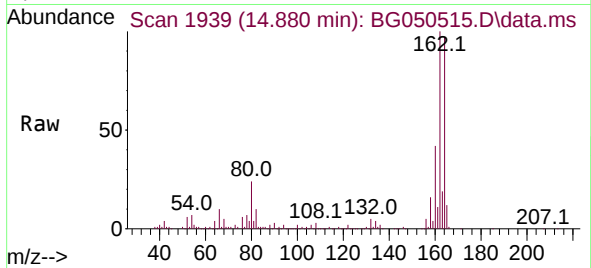




#51
2,6-Dinitrotoluene
Concen: 8.811 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.436 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

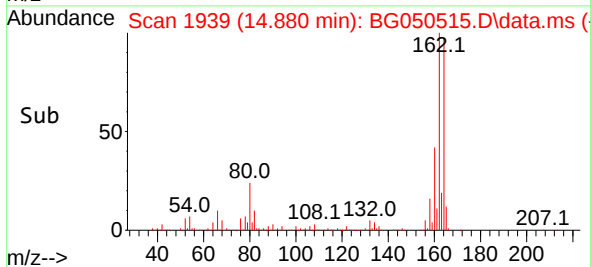
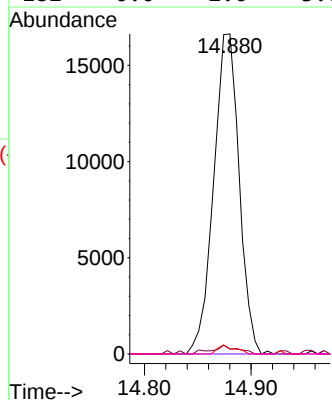
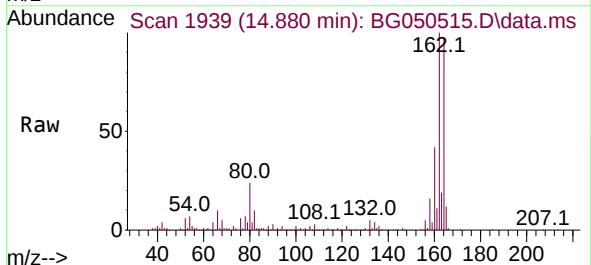
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SB-1(3-3.5)

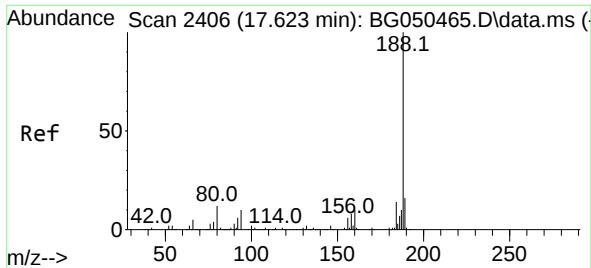
Tgt Ion:165 Resp: 27621
Ion Ratio Lower Upper
165 100
63 1.5 63.3 94.9#
89 1.5 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.251 ng
RT: 14.880 min Scan# 1939
Delta R.T. -0.346 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:165 Resp: 27621
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 1.5 65.4 98.0#
182 0.0 2.0 3.0#

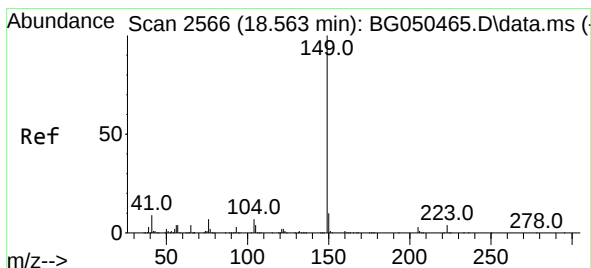
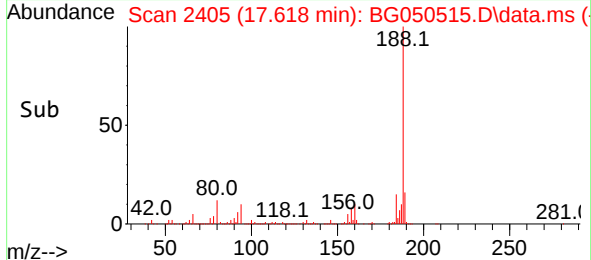
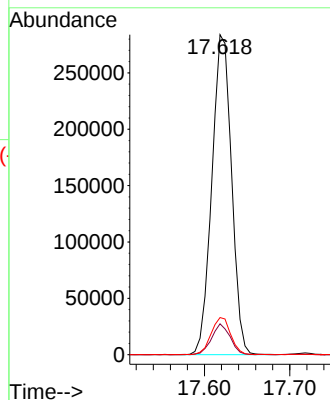
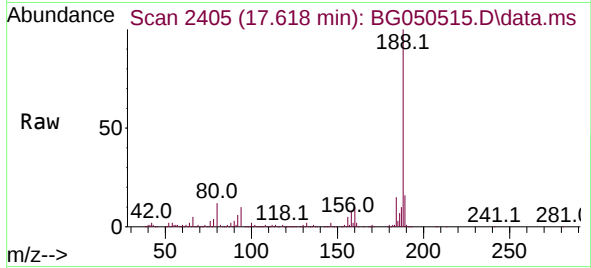




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

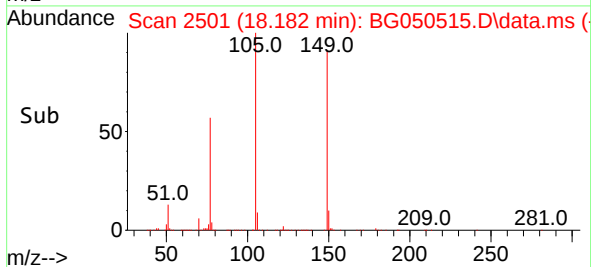
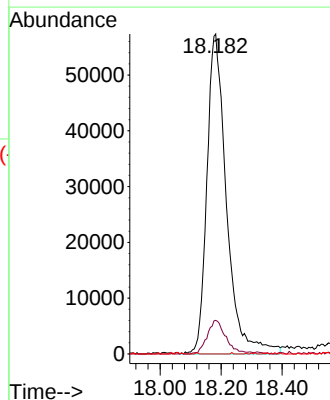
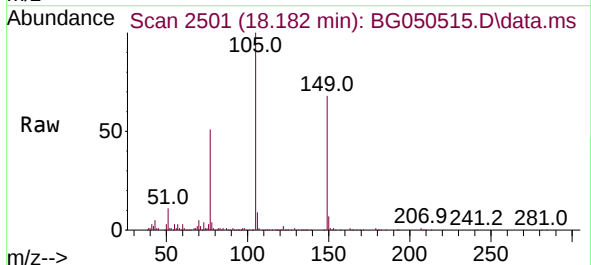
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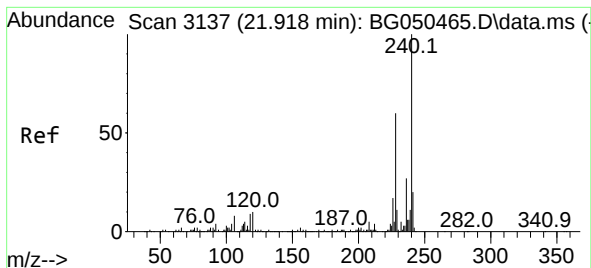
Tgt Ion:188 Resp: 455364
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.6 3.7 5.5#



#74
Di-n-butylphthalate
Concen: 9.193 ng
RT: 18.182 min Scan# 2501
Delta R.T. -0.381 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

Tgt Ion:149 Resp: 256387
Ion Ratio Lower Upper
149 100
150 10.5 7.5 11.3
104 0.0 6.6 10.0#

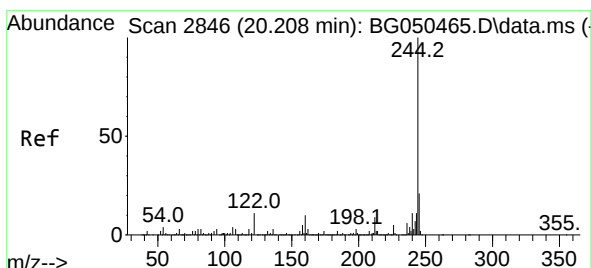
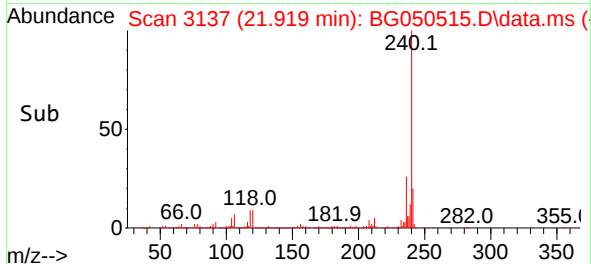
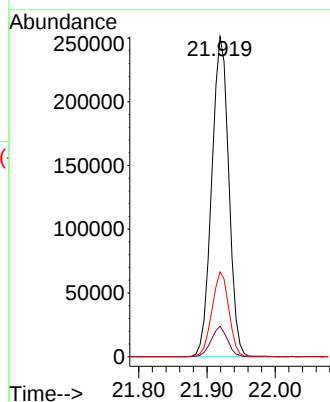
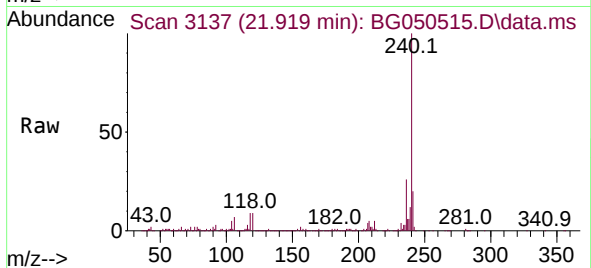




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

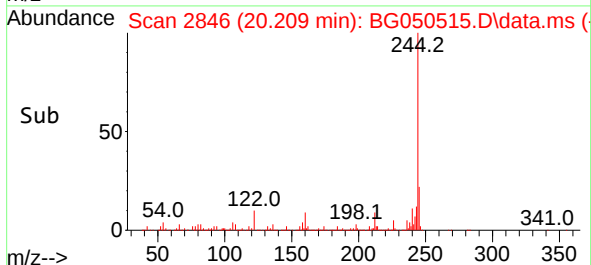
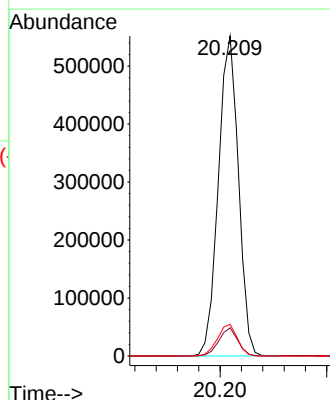
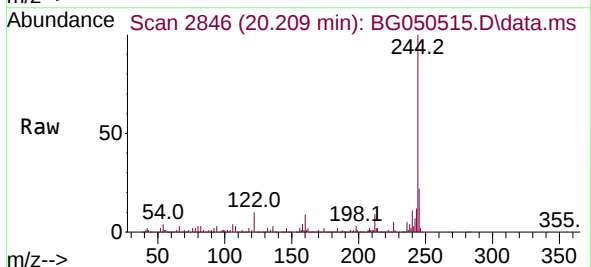
Instrument :
BNA_G
ClientSampleId :
SB-1(3-3.5)

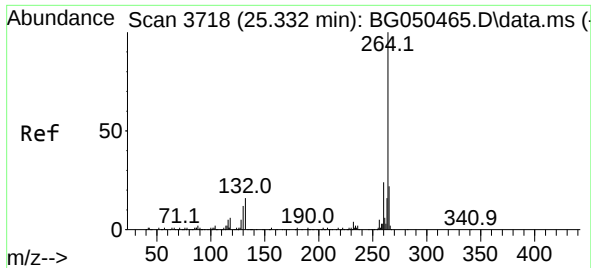
Tgt Ion:240 Resp: 436231
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.5 21.8 32.6



#79
Terphenyl-d14
Concen: 32.142 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050515.D
Acq: 8 Oct 2021 18:57

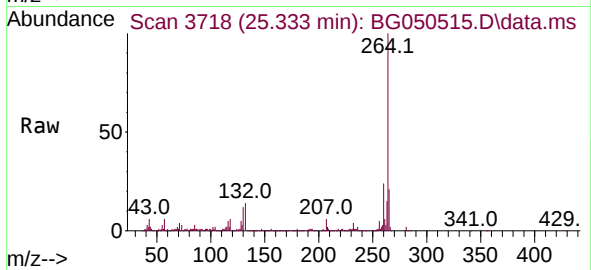
Tgt Ion:244 Resp: 719468
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 9.9 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050515.D
 Acq: 8 Oct 2021 18:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(3-3.5)



Tgt Ion:264 Resp: 435689

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	16.9	25.3

