

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050723.D
 Acq On : 25 Oct 2021 23:35
 Operator : CG/JU
 Sample : M4256-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 454BASIN-20211014

Quant Time: Oct 26 02:17:04 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)

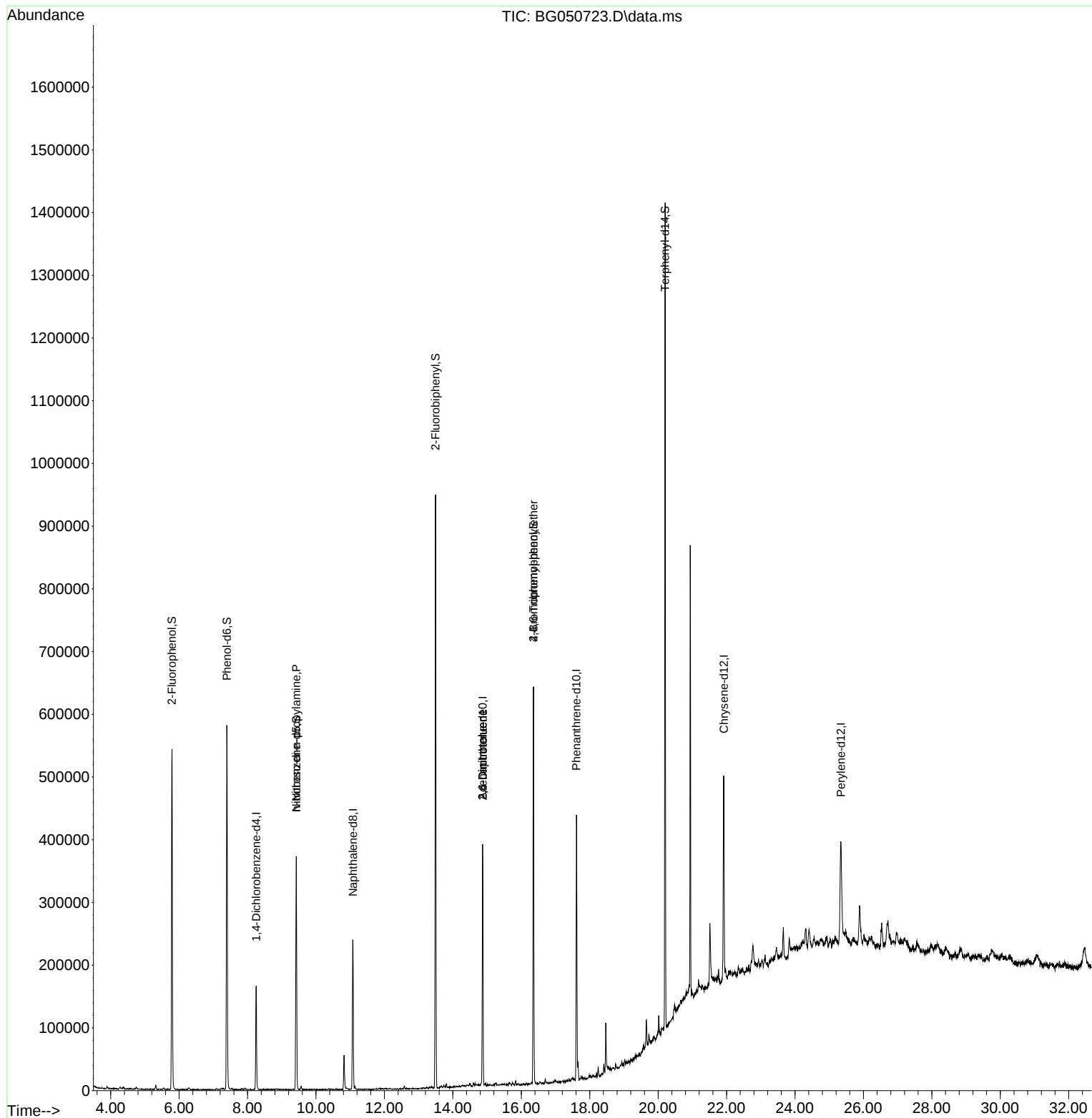
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	45242	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	201175	20.000	ng	# 0.00
39) Acenaphthene-d10	14.868	164	130133	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	258175	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	203309	20.000	ng	# 0.00
86) Perylene-d12	25.339	264	187903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	242977	80.319	ng	0.00
7) Phenol-d6	7.395	99	338133	77.202	ng	0.00
23) Nitrobenzene-d5	9.422	82	238403	49.056	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	91403	73.638	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	451369	52.202	ng	-0.01
79) Terphenyl-d14	20.203	244	579446	55.543	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.407	77	790	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	34348	10.759	ng	# 69
51) 2,6-Dinitrotoluene	14.868	165	17378	8.821	ng	# 11
57) 2,4-Dinitrotoluene	14.868	165	17378	6.258	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	7265	2.793	ng	# 1

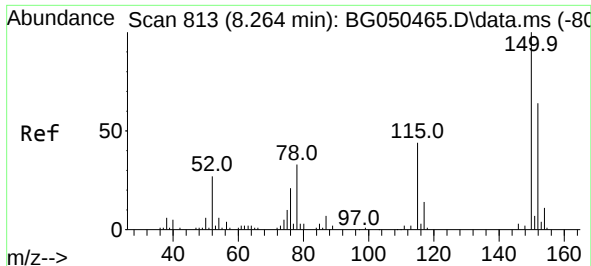
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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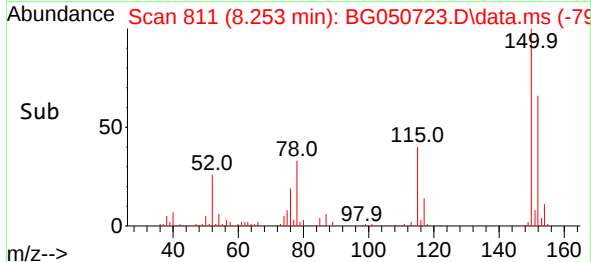
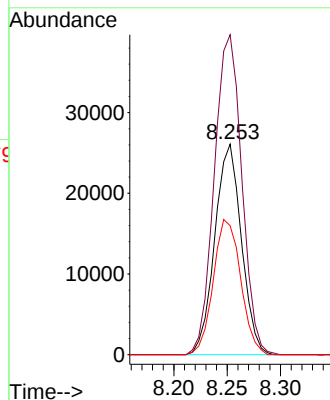
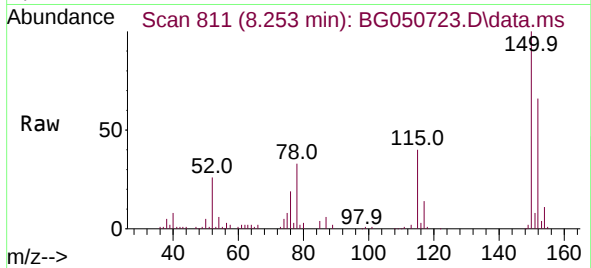




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

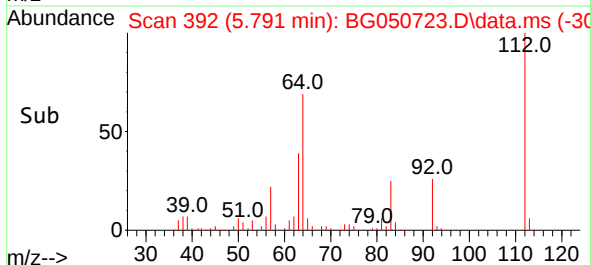
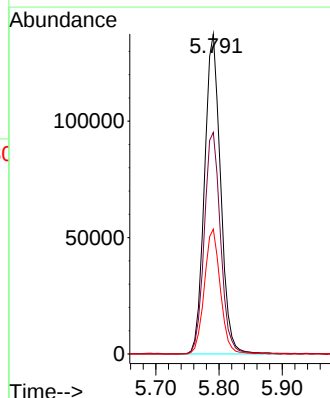
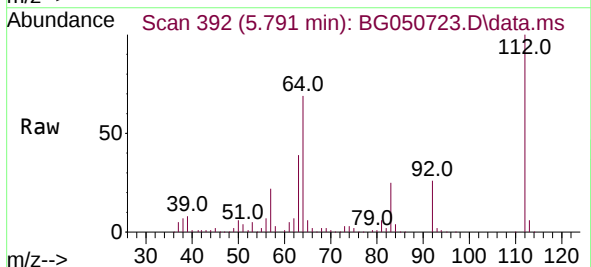
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

Tgt Ion:152 Resp: 45242
Ion Ratio Lower Upper
152 100
150 151.9 119.4 179.0
115 61.2 60.2 90.4



#5
2-Fluorophenol
Concen: 80.319 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

Tgt Ion:112 Resp: 242977
Ion Ratio Lower Upper
112 100
64 69.3 46.7 70.1
63 39.0 35.3 52.9

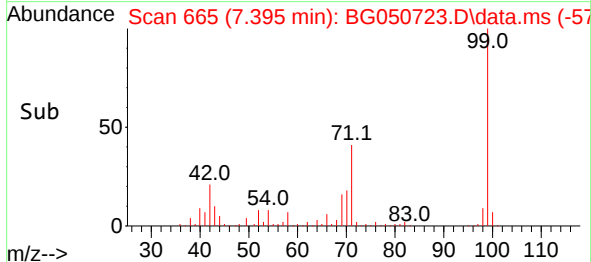
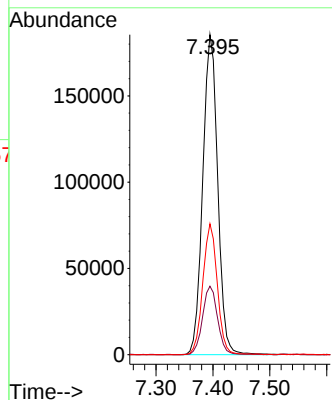
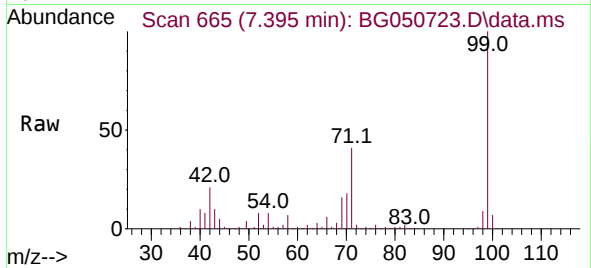




#7
Phenol-d6
Concen: 77.202 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

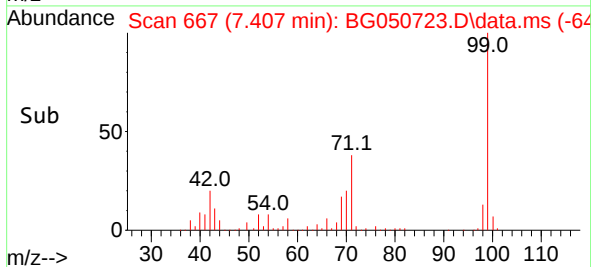
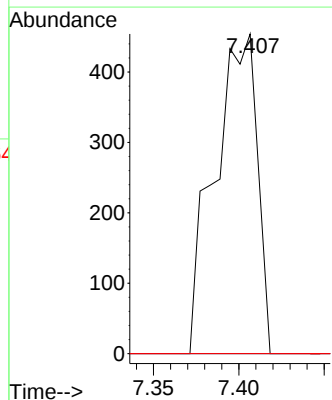
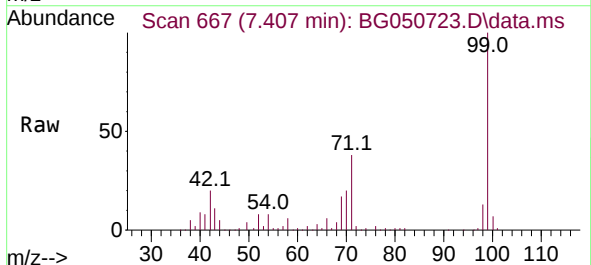
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

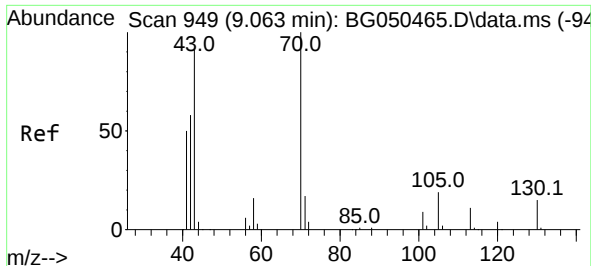
Tgt Ion: 99 Resp: 338133
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 40.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.407 min Scan# 667
Delta R.T. 0.018 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

Tgt Ion: 77 Resp: 790
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

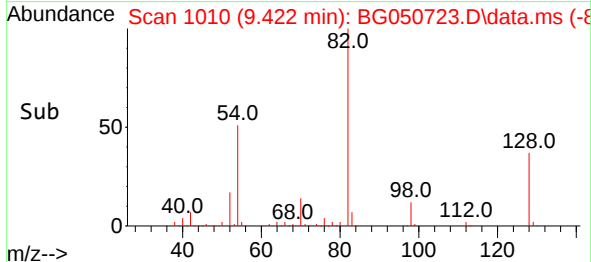
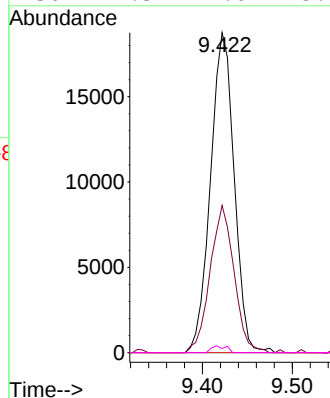
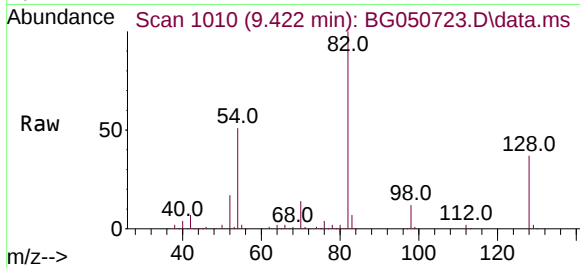




#19
n-Nitroso-di-n-propylamine
Concen: 10.759 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.364 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

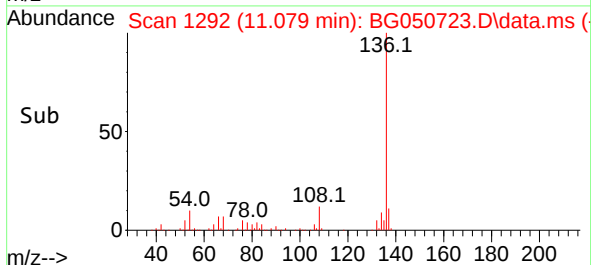
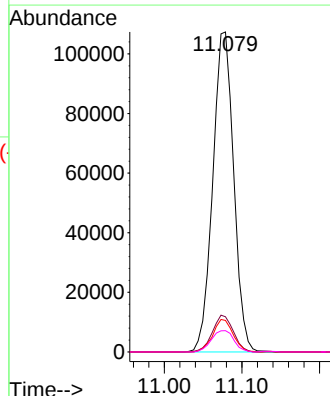
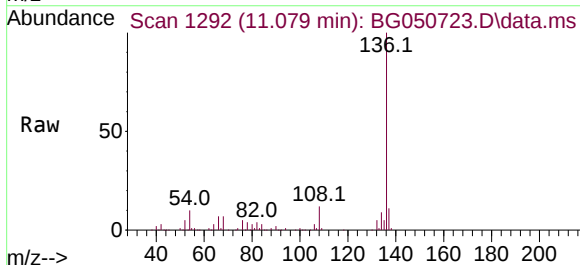
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

Tgt Ion:	70	Resp:	34348
Ion	Ratio	Lower	Upper
70	100		
42	46.0	54.5	81.7#
101	0.0	9.0	13.6#
130	1.3	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

Tgt Ion:	136	Resp:	201175
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	9.9	5.5	8.3#
68	6.6	2.3	3.5#

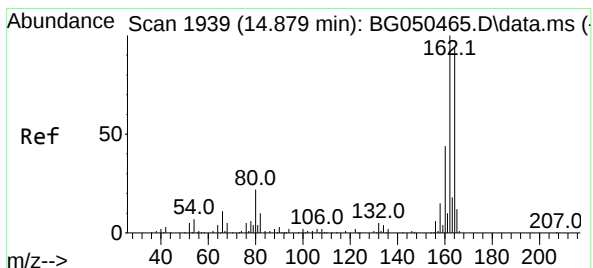
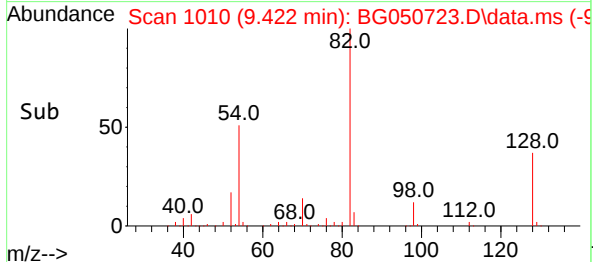
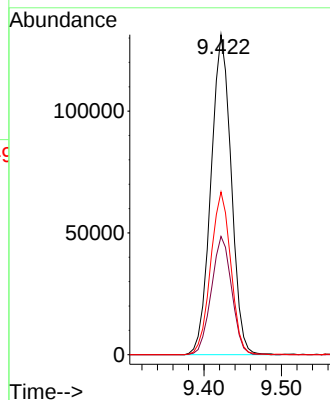
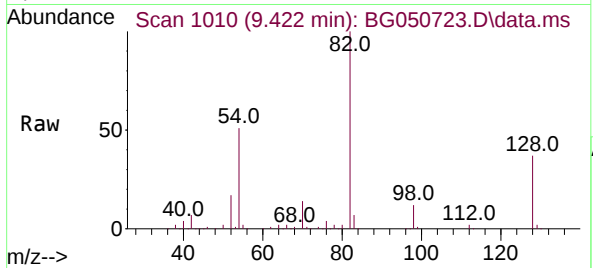




#23
Nitrobenzene-d5
Concen: 49.056 ng
RT: 9.422 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

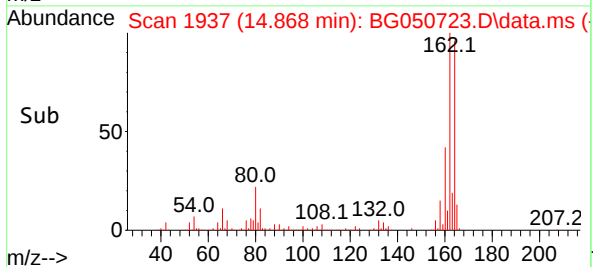
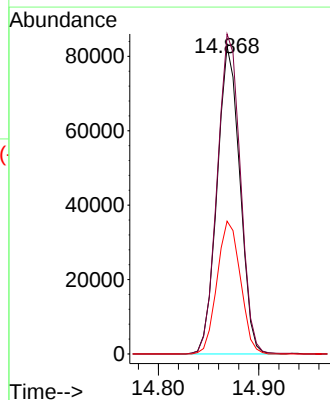
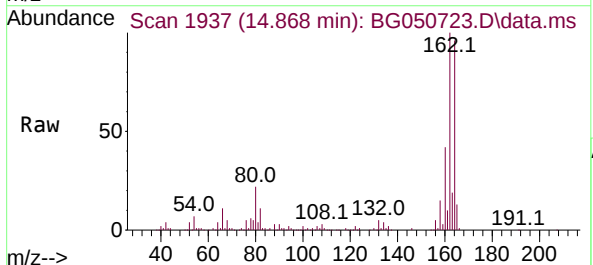
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

Tgt Ion: 82 Resp: 238403
Ion Ratio Lower Upper
82 100
128 37.0 29.8 44.6
54 50.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

Tgt Ion: 164 Resp: 130133
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 43.2 34.9 52.3

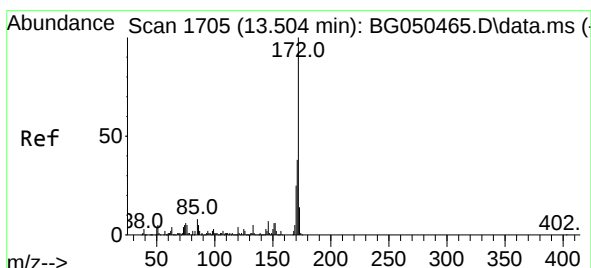
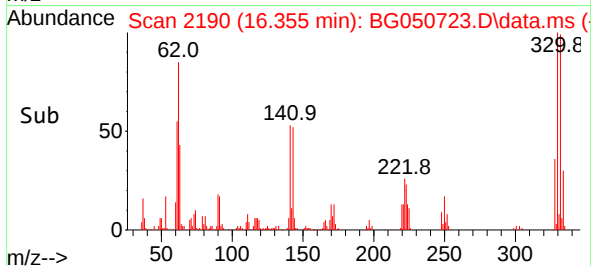
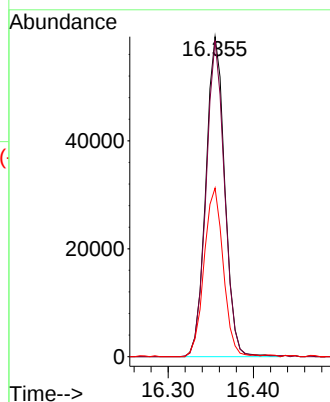
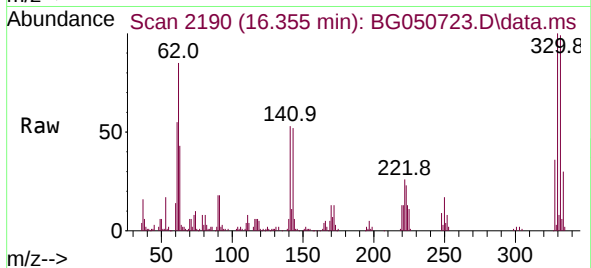




#42
2,4,6-Tribromophenol
Concen: 73.638 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

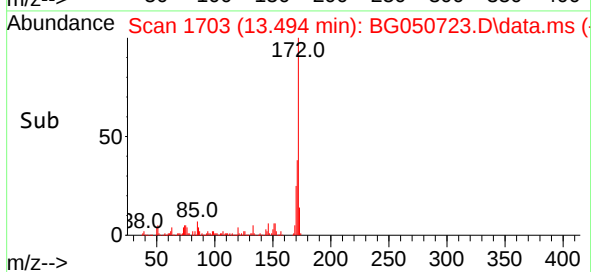
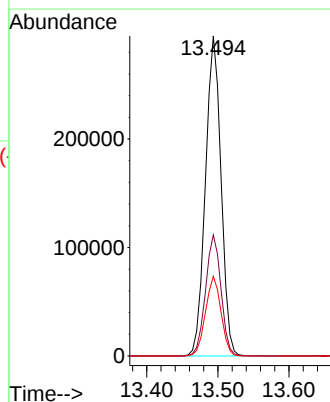
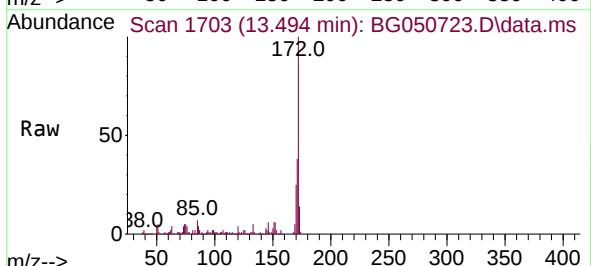
Instrument :
BNA_G
ClientSampleId :
454BASIN-20211014

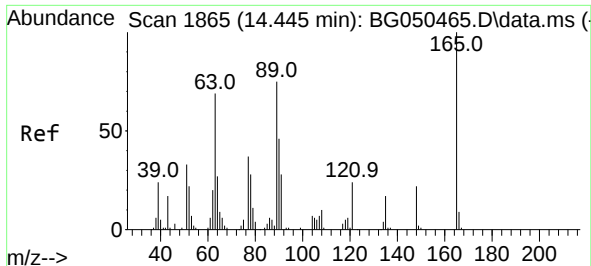
Tgt Ion:330 Resp: 91403
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 53.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 52.202 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

Tgt Ion:172 Resp: 451369
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 24.9 18.6 27.8

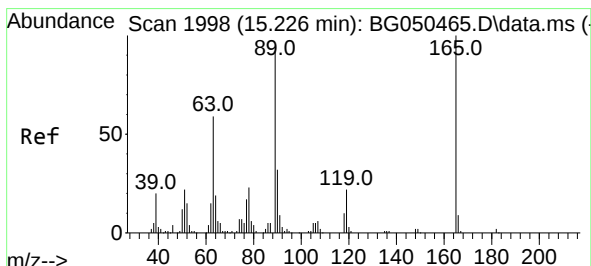
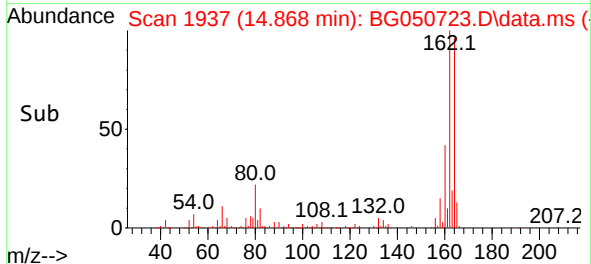
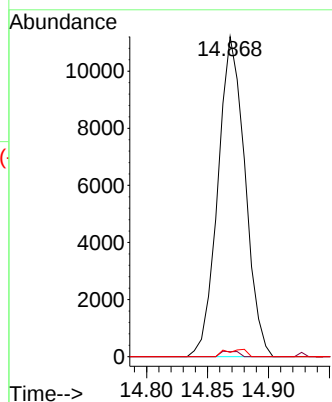
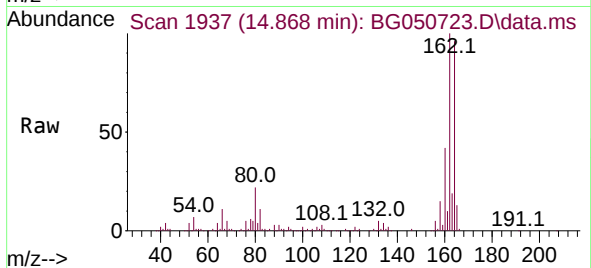




#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 14.868 min Scan# 1937
Delta R.T. 0.423 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

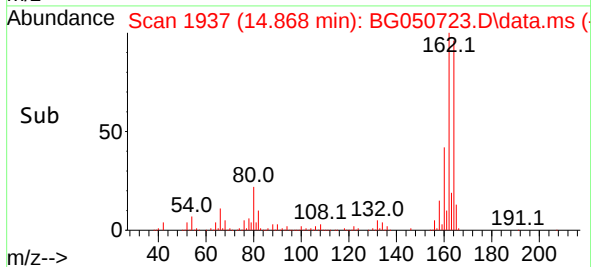
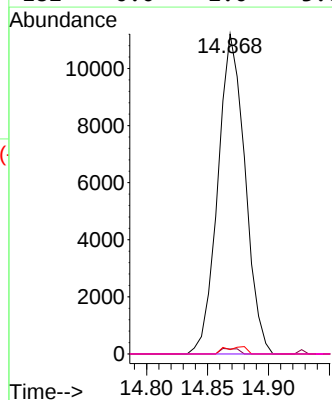
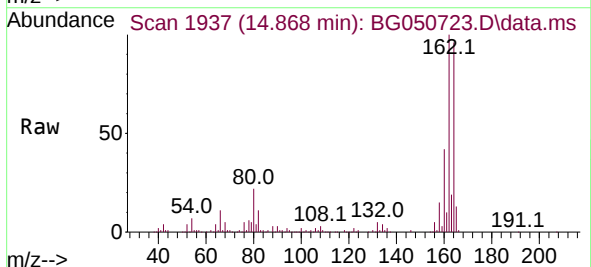
Instrument :
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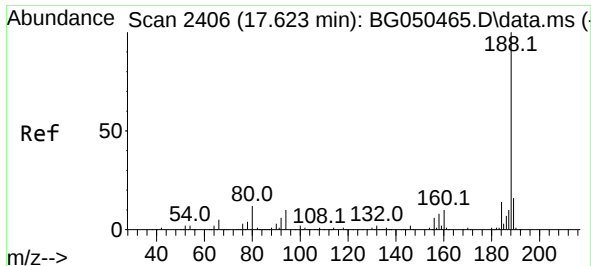
Tgt Ion:165 Resp: 17378
Ion Ratio Lower Upper
165 100
63 1.6 63.3 94.9#
89 1.4 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 14.868 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

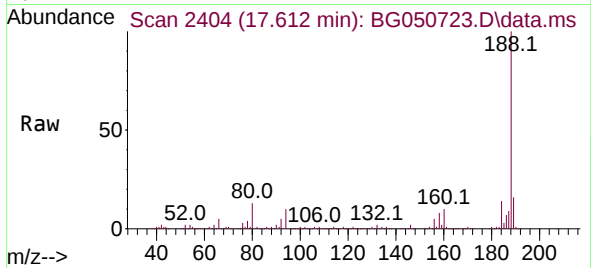
Tgt Ion:165 Resp: 17378
Ion Ratio Lower Upper
165 100
63 1.6 48.0 72.0#
89 1.4 65.4 98.0#
182 0.0 2.0 3.0#



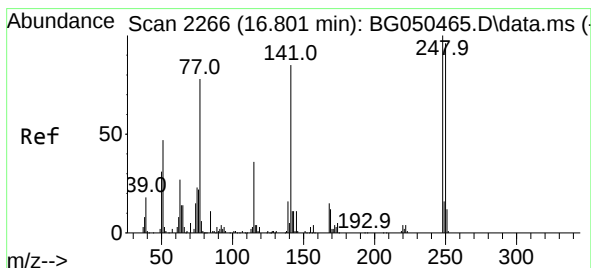
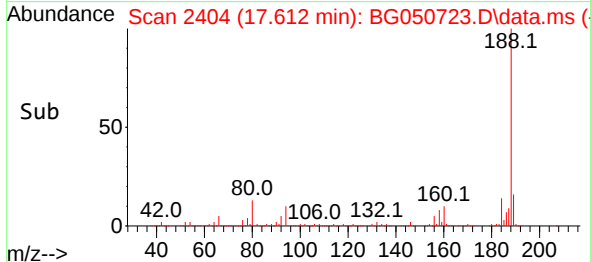
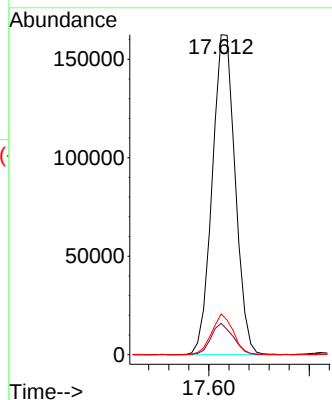


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

Instrument :
BNA_G
ClientSampleId :
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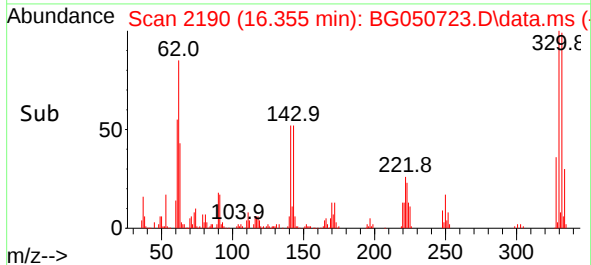
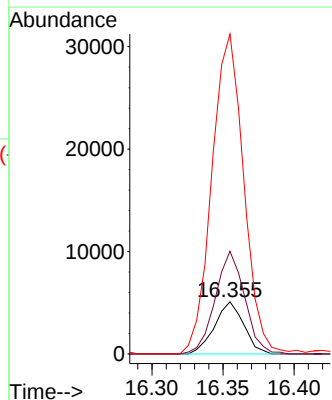
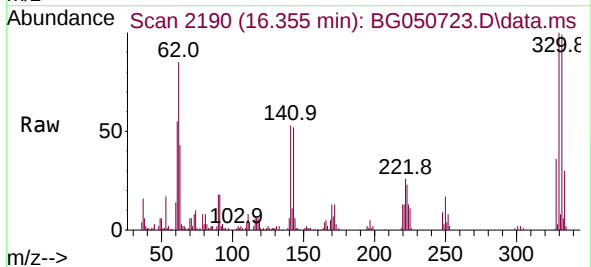


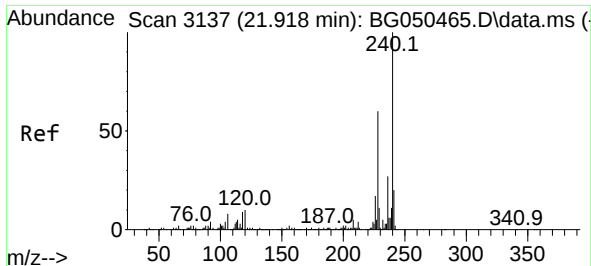
Tgt Ion:188 Resp: 258175
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 12.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 2.793 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

Tgt Ion:248 Resp: 7265
Ion Ratio Lower Upper
248 100
250 196.7 76.1 114.1#
141 613.2 65.4 98.2#

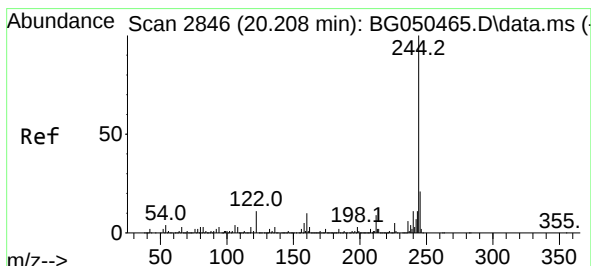
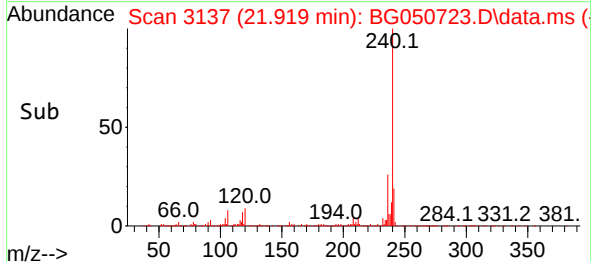
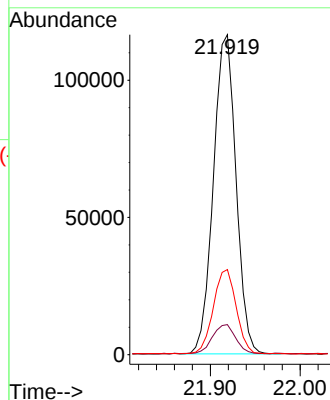
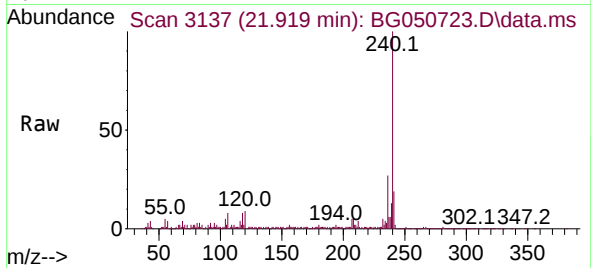




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

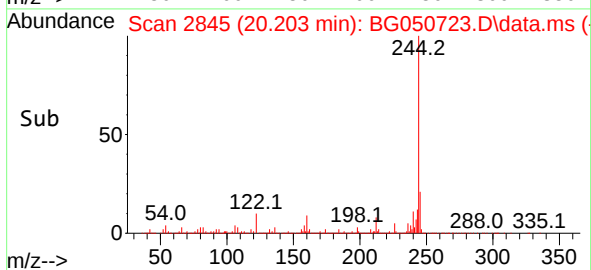
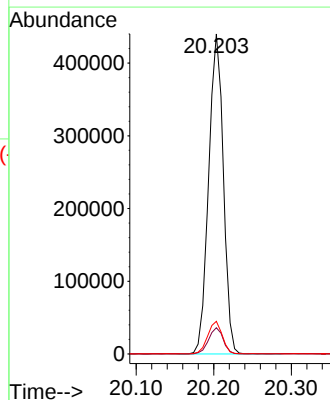
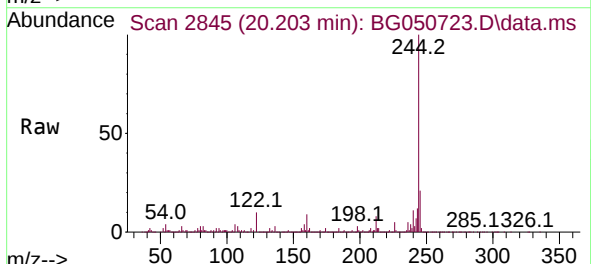
Instrument :
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ClientSampleId :
454BASIN-20211014

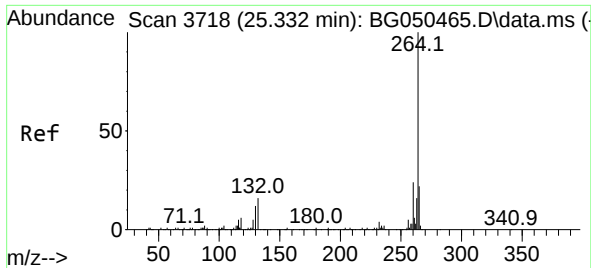
Tgt Ion:240 Resp: 203309
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.6 21.8 32.6



#79
Terphenyl-d14
Concen: 55.543 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BG050723.D
Acq: 25 Oct 2021 23:35

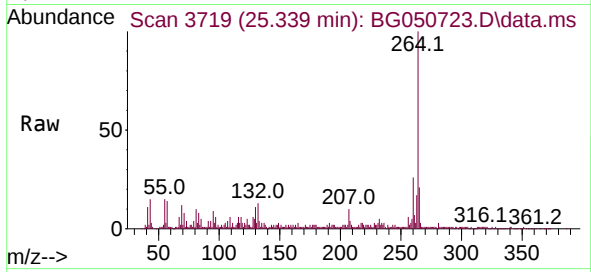
Tgt Ion:244 Resp: 579446
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 10.2 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.339 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG050723.D
 Acq: 25 Oct 2021 23:35

Instrument :
 BNA_G
 ClientSampleId :
 454BASIN-20211014



Tgt Ion:264 Resp: 187903
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.4 29.2
 265 21.0 16.9 25.3

