

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050510.D
 Acq On : 8 Oct 2021 15:21
 Operator : CG/JU
 Sample : M4130-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 08 16:20:02 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)

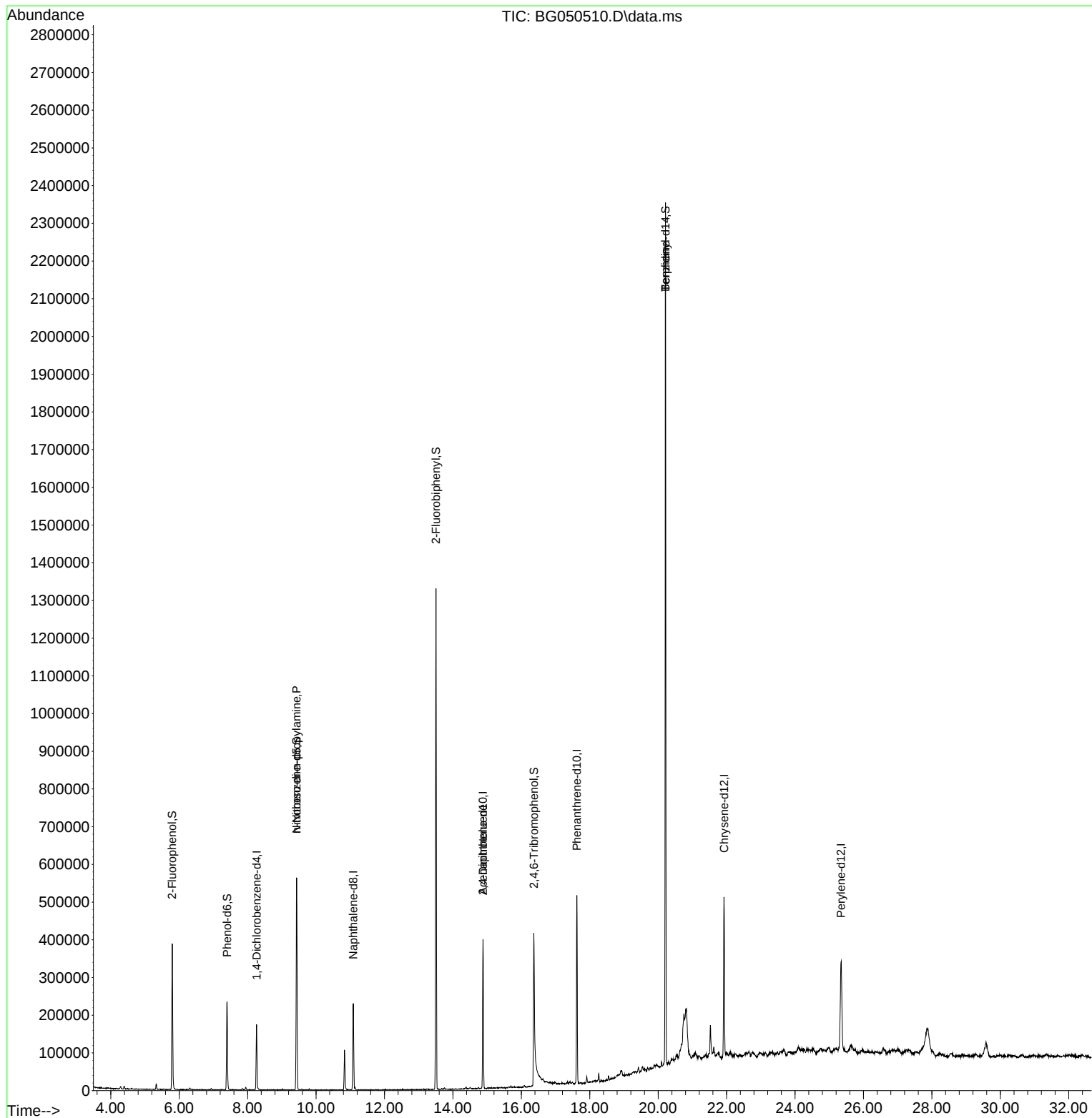
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	45015	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	190823	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	131102	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	297749	20.000	ng	# 0.00
76) Chrysene-d12	21.924	240	256535	20.000	ng	# 0.00
86) Perylene-d12	25.344	264	249613	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	170636	56.690	ng	0.00
7) Phenol-d6	7.400	99	135028	30.985	ng	0.00
23) Nitrobenzene-d5	9.433	82	359622	78.014	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	97203	77.732	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	653758	75.051	ng	0.00
79) Terphenyl-d14	20.215	244	990860	75.273	ng	0.00
Target Compounds						
9) Benzaldehyde	7.406	77	431	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.433	70	50887	16.021	ng	# 72
57) 2,4-Dinitrotoluene	14.880	165	16804	6.006	ng	# 18
77) Benzidine	20.215	184	19170	2.306	ng	# 95

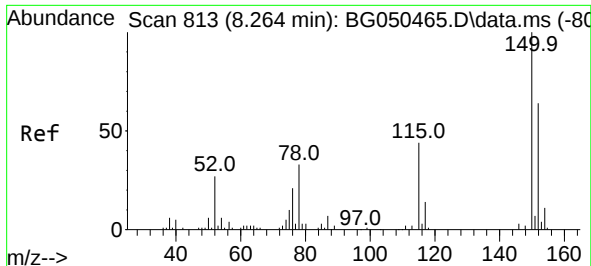
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050510.D
Acq On : 8 Oct 2021 15:21
Operator : CG/JU
Sample : M4130-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Quant Time: Oct 08 16:20:02 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

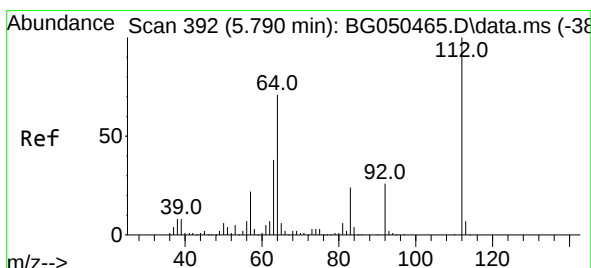
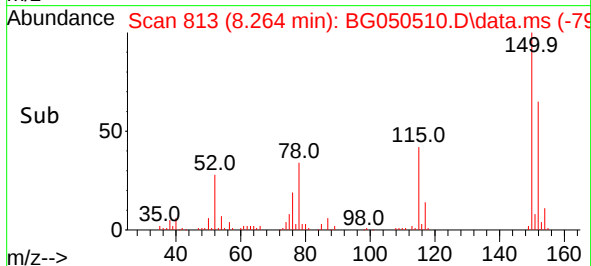
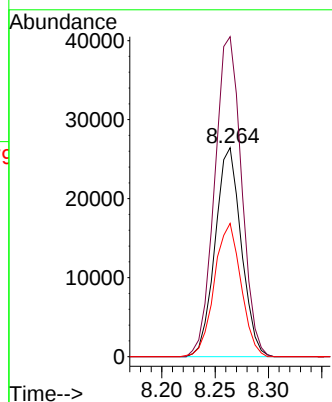
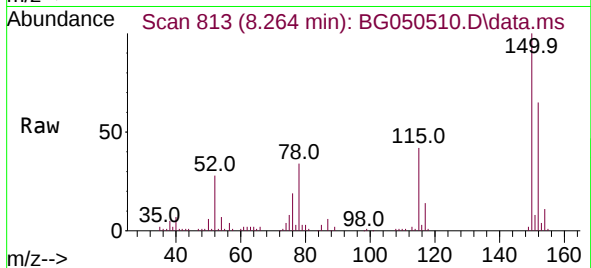




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

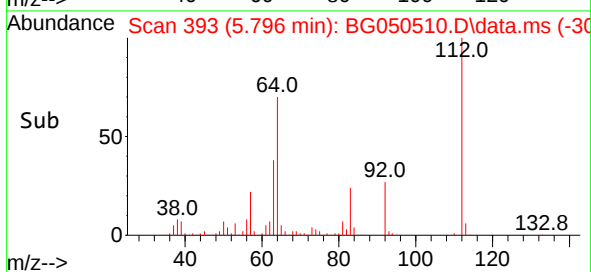
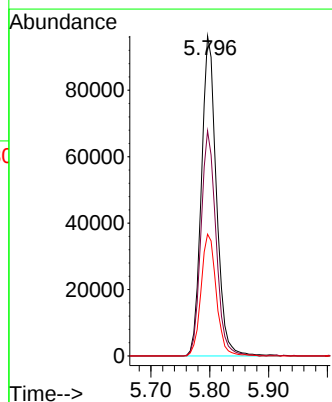
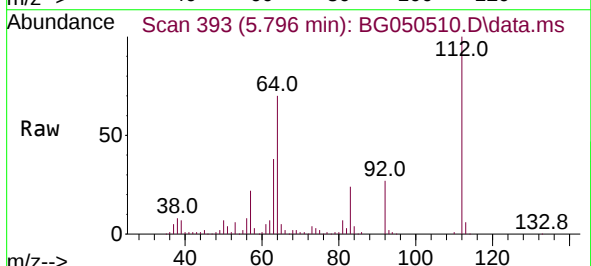
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:152 Resp: 45015
Ion Ratio Lower Upper
152 100
150 153.2 119.4 179.0
115 63.8 60.2 90.4



#5
2-Fluorophenol
Concen: 56.690 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

Tgt Ion:112 Resp: 170636
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 38.1 35.3 52.9

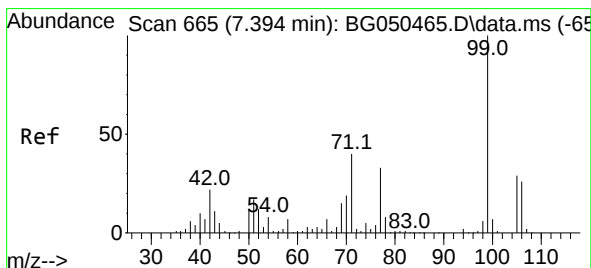
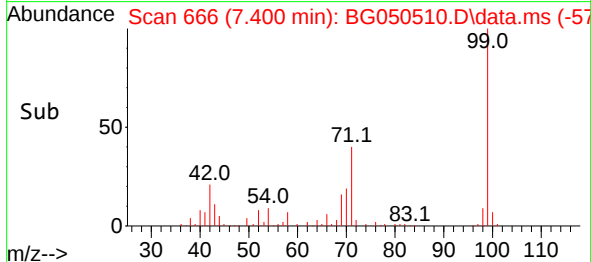
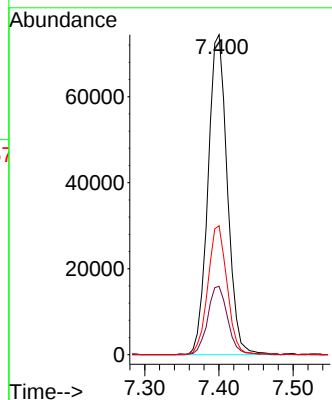
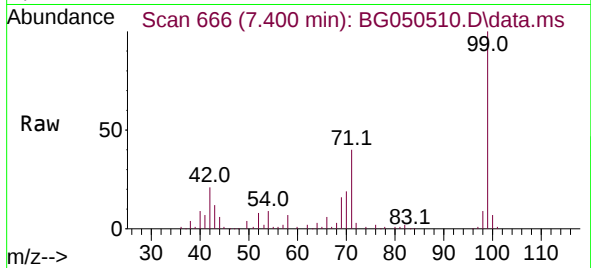




#7
Phenol-d6
Concen: 30.985 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

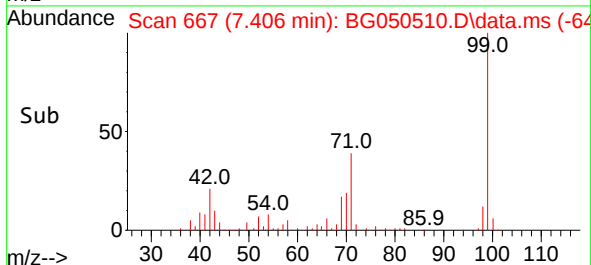
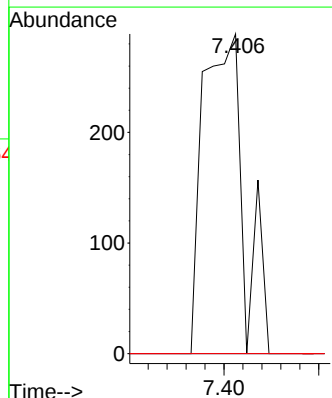
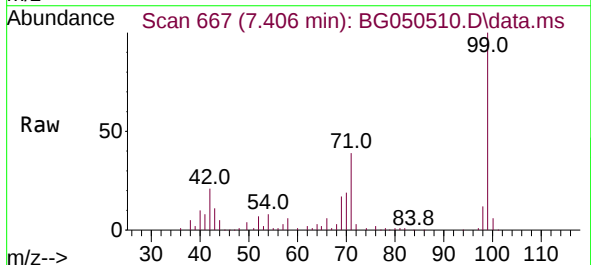
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

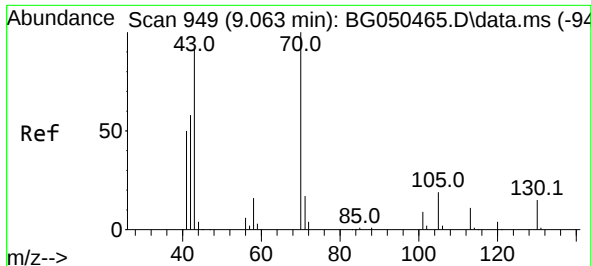
Tgt Ion: 99 Resp: 135028
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 40.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.406 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

Tgt Ion: 77 Resp: 431
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

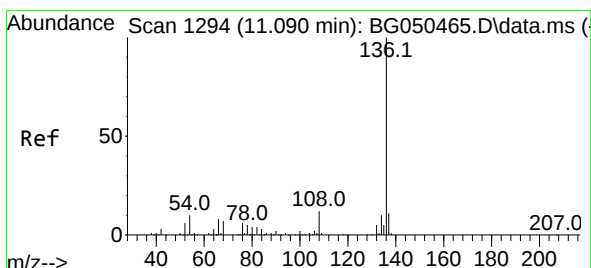
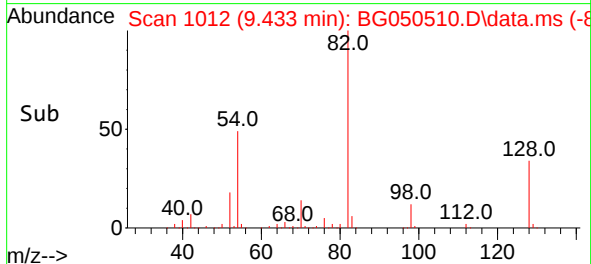
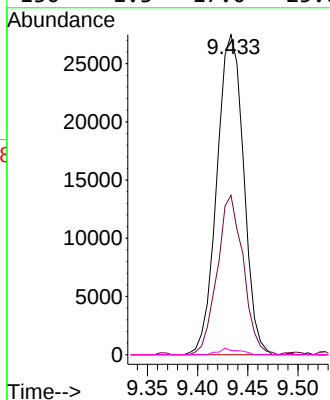
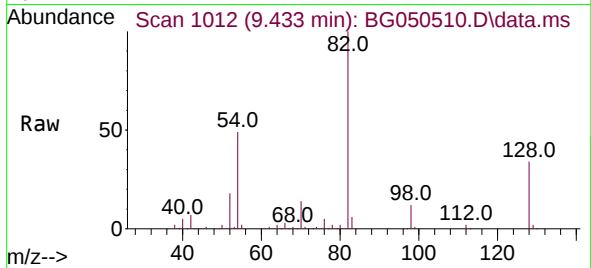




#19
n-Nitroso-di-n-propylamine
Concen: 16.021 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.371 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

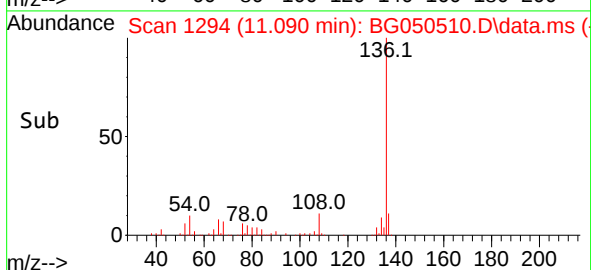
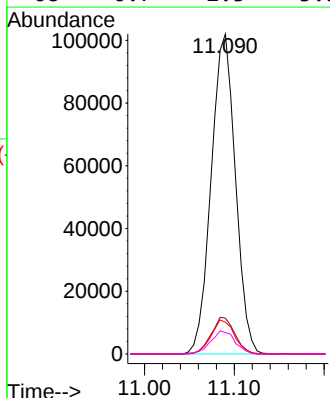
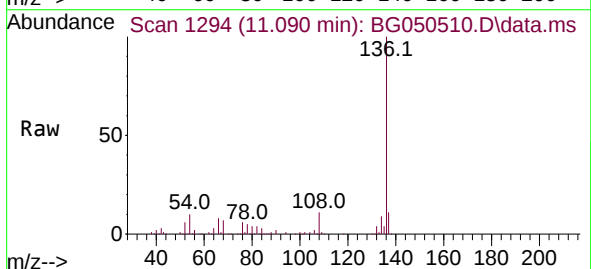
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

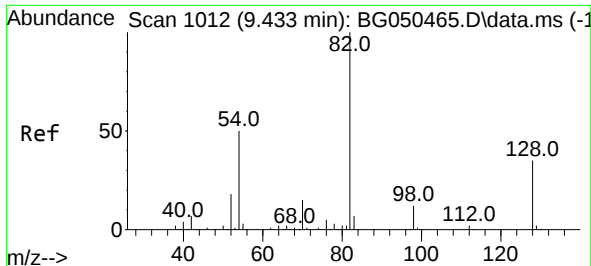
Tgt Ion: 70 Resp: 50887
Ion Ratio Lower Upper
70 100
42 49.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

Tgt Ion:136 Resp: 190823
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.9 5.5 8.3#
68 6.7 2.3 3.5#

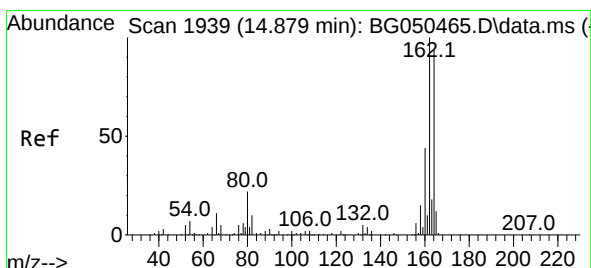
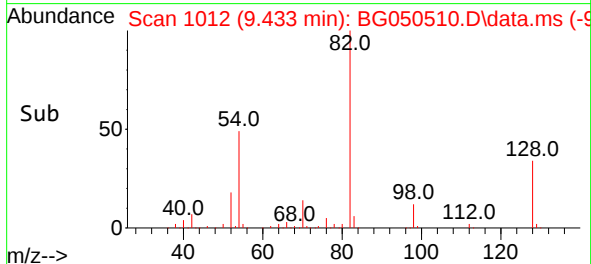
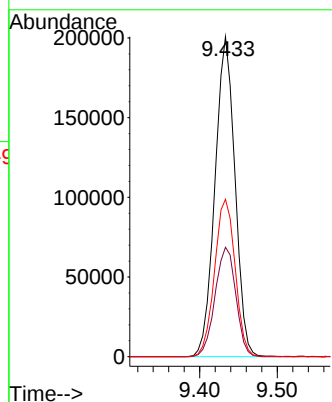
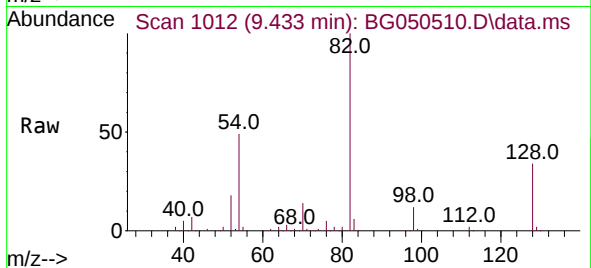




#23
Nitrobenzene-d5
Concen: 78.014 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

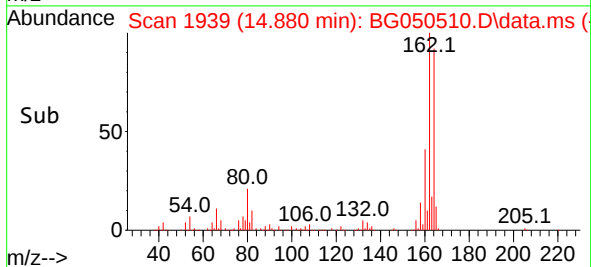
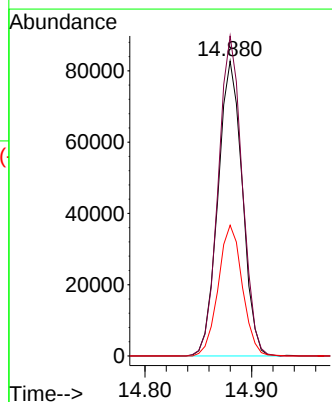
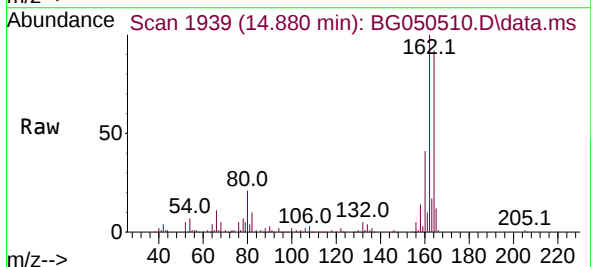
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

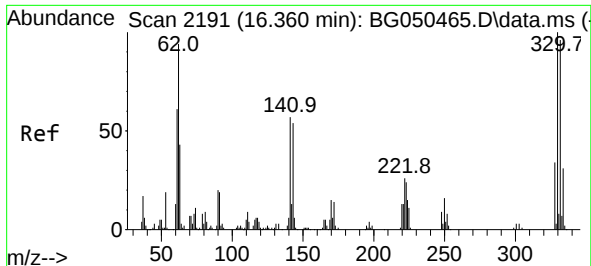
Tgt Ion: 82 Resp: 359622
Ion Ratio Lower Upper
82 100
128 34.2 29.8 44.6
54 49.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

Tgt Ion: 164 Resp: 131102
Ion Ratio Lower Upper
164 100
162 108.5 81.4 122.0
160 44.3 34.9 52.3

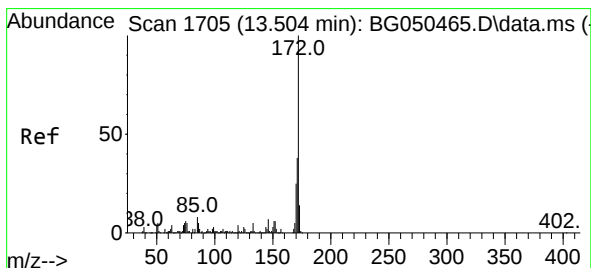
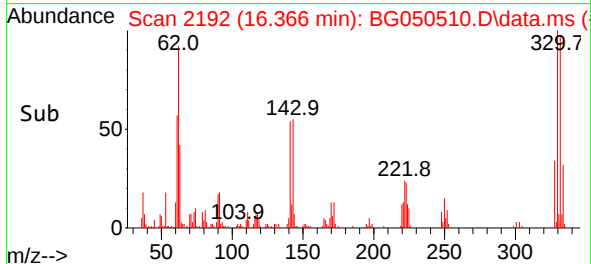
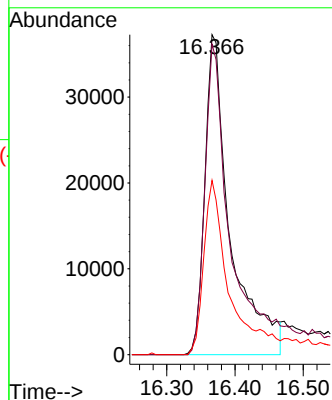
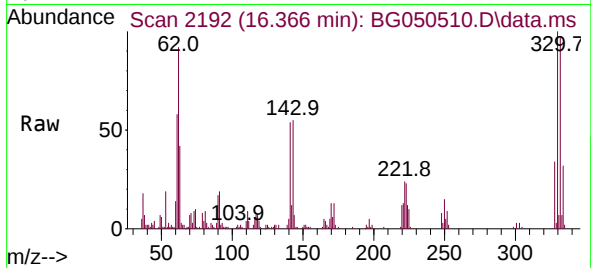




#42
2,4,6-Tribromophenol
Concen: 77.732 ng
RT: 16.366 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

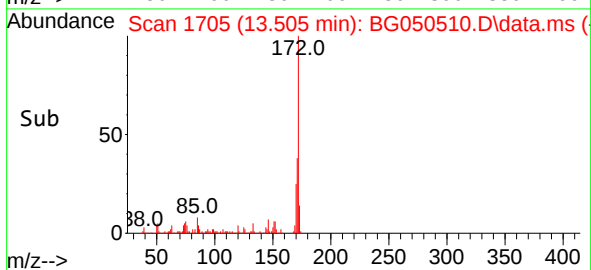
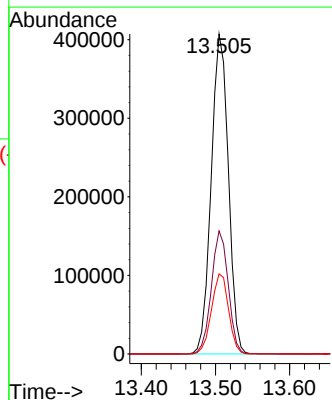
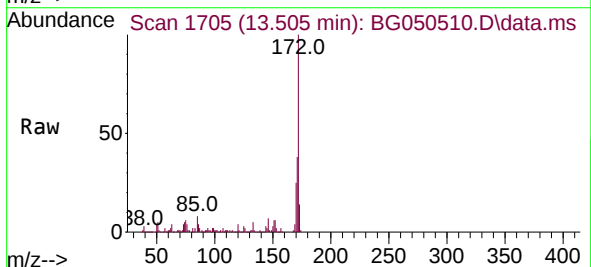
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

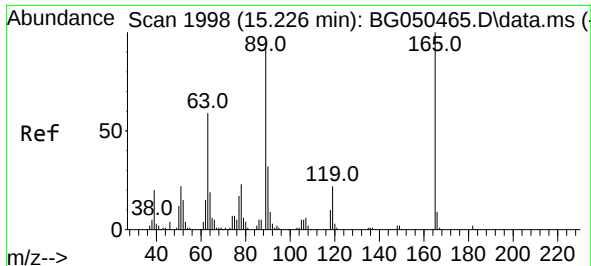
Tgt Ion:330 Resp: 97203
Ion Ratio Lower Upper
330 100
332 101.5 77.3 115.9
141 54.2 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 75.051 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

Tgt Ion:172 Resp: 653758
Ion Ratio Lower Upper
172 100
171 38.4 28.6 43.0
170 25.0 18.6 27.8

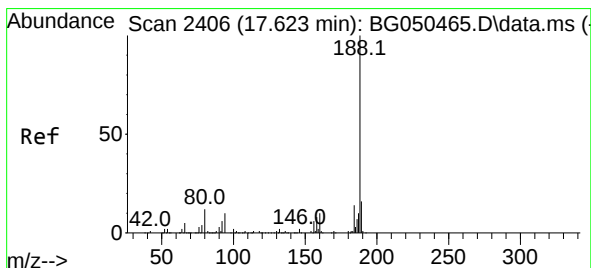
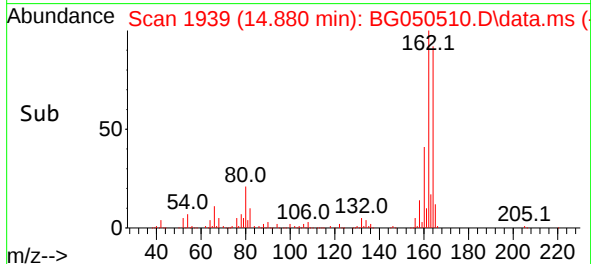
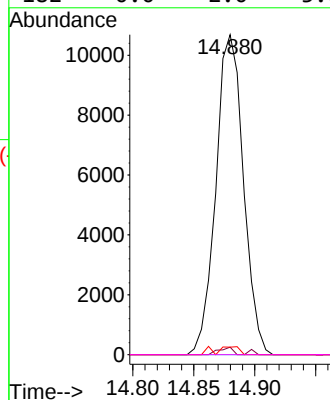
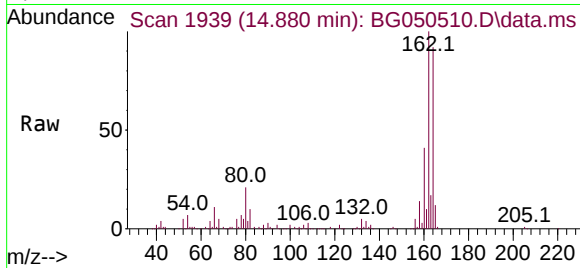




#57
2,4-Dinitrotoluene
Concen: 6.006 ng
RT: 14.880 min Scan# 1939
Delta R.T. -0.346 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

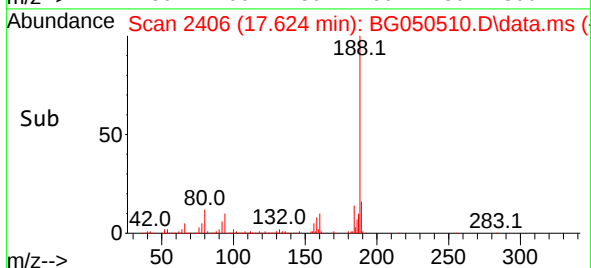
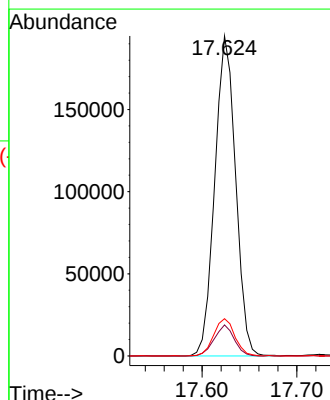
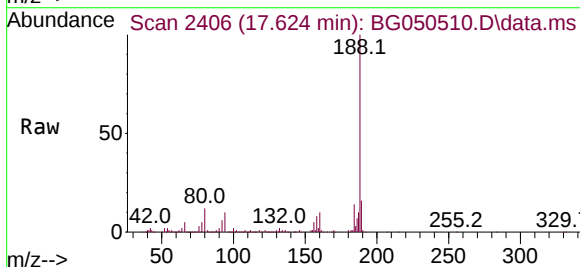
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

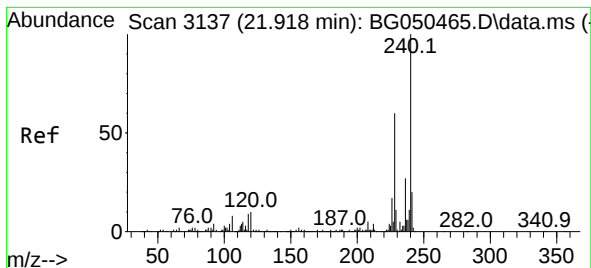
Tgt Ion:165 Resp: 16804
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

Tgt Ion:188 Resp: 297749
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 11.7 3.7 5.5#

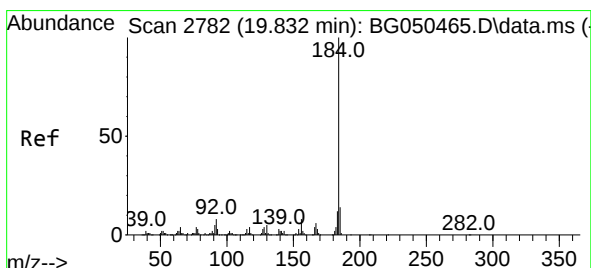
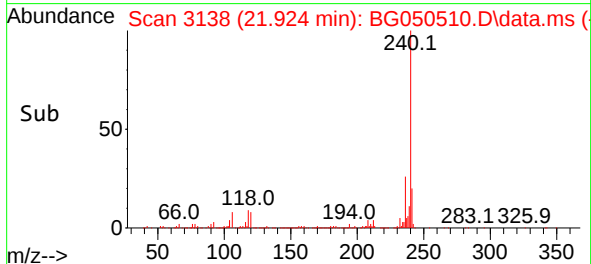
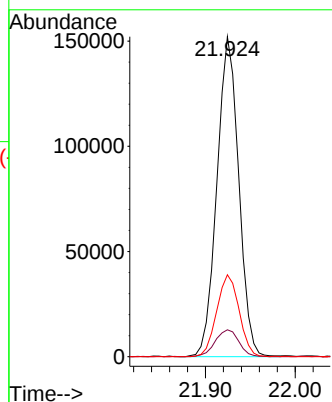
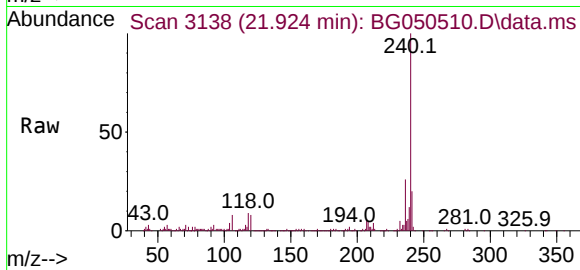




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

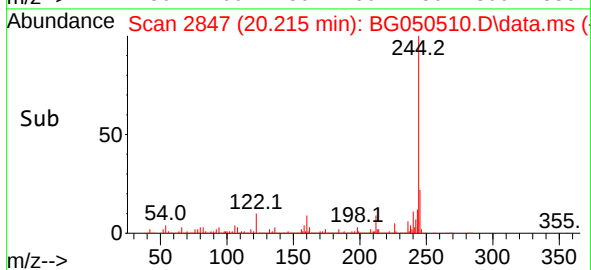
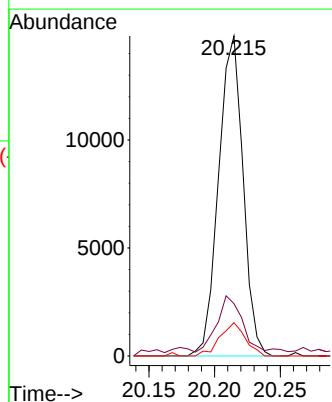
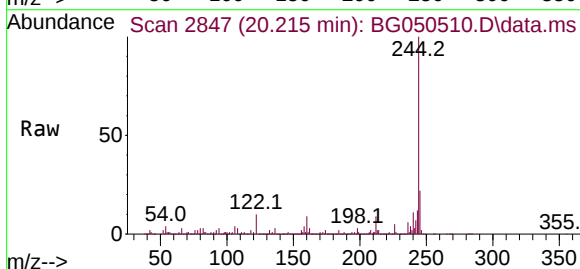
Instrument :
BNA_G
ClientSampleId :
SW-RR-03-(SA)

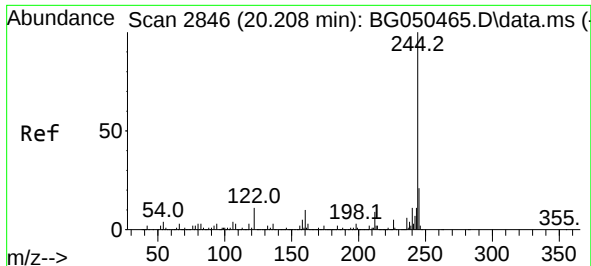
Tgt Ion:240 Resp: 256535
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2#
236 25.6 21.8 32.6



#77
Benzidine
Concen: 2.306 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.382 min
Lab File: BG050510.D
Acq: 8 Oct 2021 15:21

Tgt Ion:184 Resp: 19170
Ion Ratio Lower Upper
184 100
185 16.3 10.7 16.1#
183 10.4 9.4 14.0

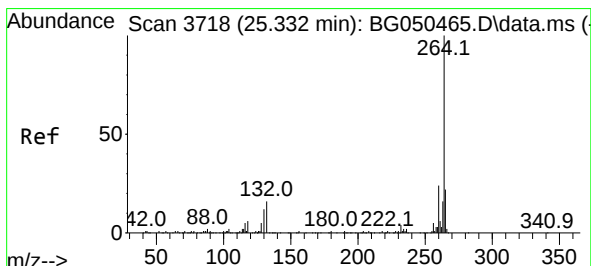
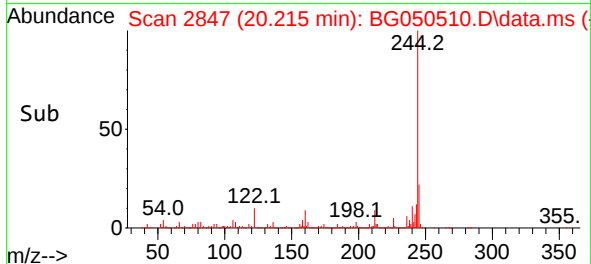
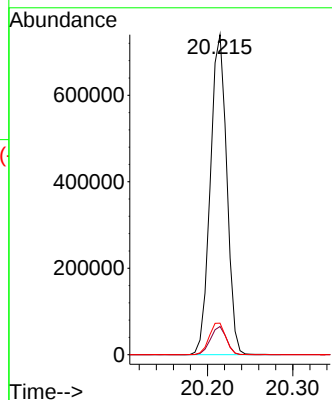
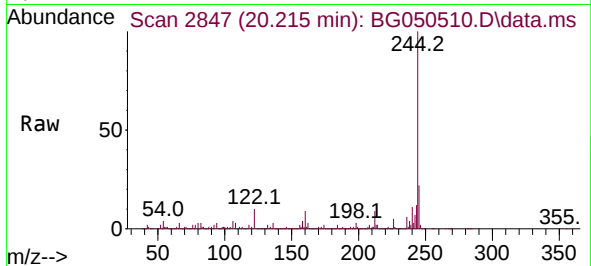




#79
 Terphenyl-d14
 Concen: 75.273 ng
 RT: 20.215 min Scan# 2847
 Delta R.T. 0.006 min
 Lab File: BG050510.D
 Acq: 8 Oct 2021 15:21

Instrument :
 BNA_G
 ClientSampleId :
 SW-RR-03-(SA)

Tgt Ion:244 Resp: 990860
 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: 25.344 min Scan# 3720
 Delta R.T. 0.012 min
 Lab File: BG050510.D
 Acq: 8 Oct 2021 15:21

Tgt Ion:264 Resp: 249613
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 22.0 16.9 25.3

