

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050523.D
 Acq On : 9 Oct 2021 00:29
 Operator : CG/JU
 Sample : M4081-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-237

Quant Time: Oct 09 01:59:11 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)

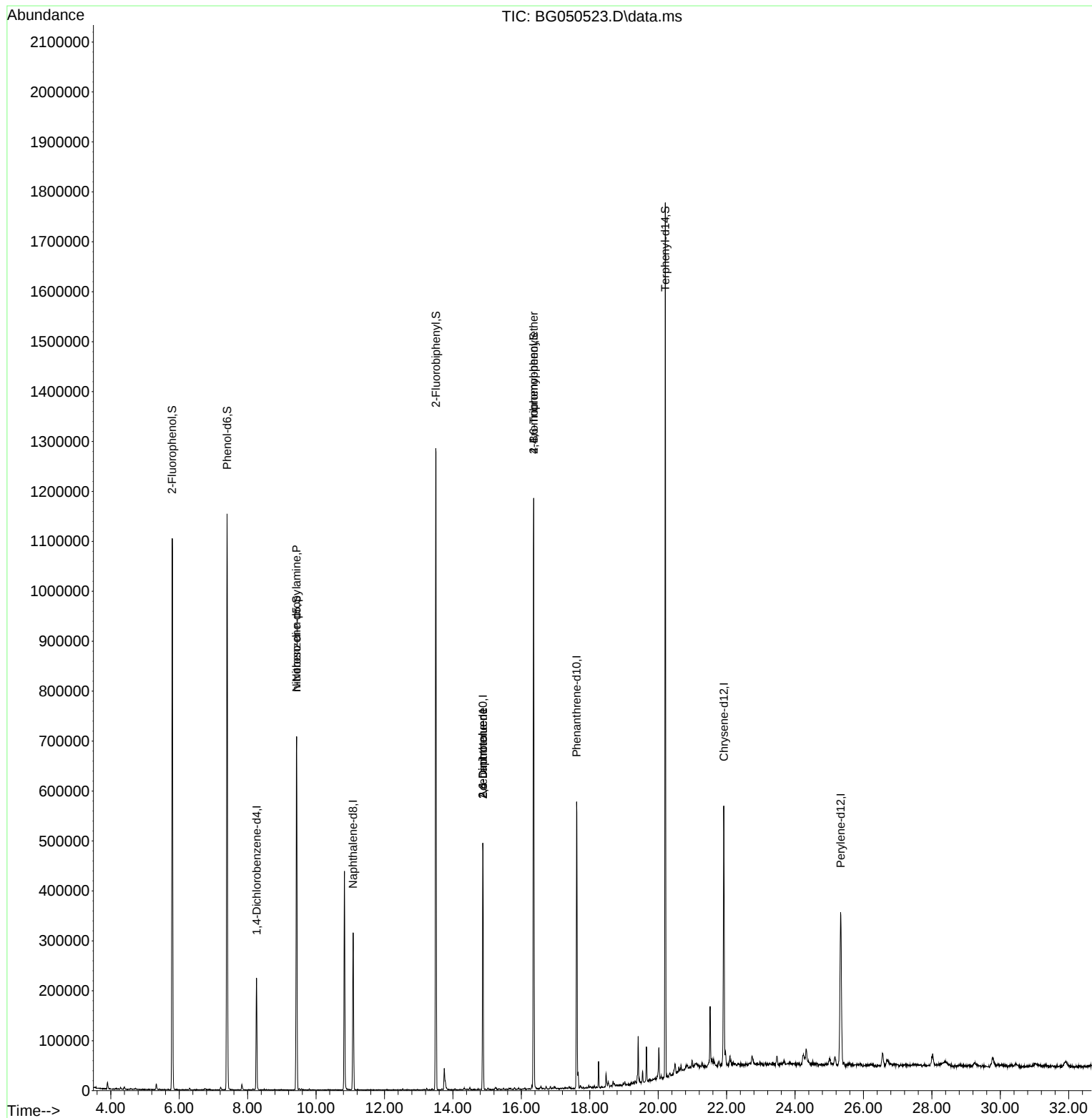
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	60467	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	257445	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	171426	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	357112	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	305735	20.000	ng	# 0.00
86) Perylene-d12	25.332	264	300383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	460999	114.019	ng	0.00
7) Phenol-d6	7.400	99	629261	107.496	ng	0.00
23) Nitrobenzene-d5	9.433	82	456630	73.424	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	167952	102.716	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	647652	56.861	ng	0.00
79) Terphenyl-d14	20.209	244	763765	48.684	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.400	77	1590	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.433	70	64183	15.043	ng	# 69
51) 2,6-Dinitrotoluene	14.874	165	23316	8.984	ng	# 11
57) 2,4-Dinitrotoluene	14.874	165	23316	6.374	ng	# 17
67) 4-Bromophenyl-phenylether	16.361	248	14491	4.027	ng	# 1

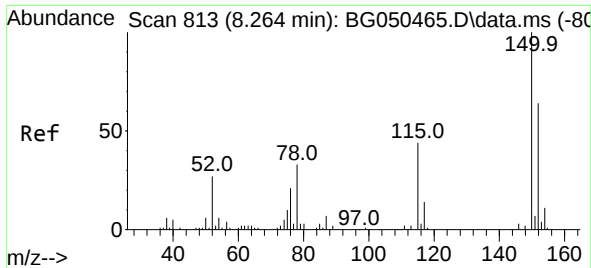
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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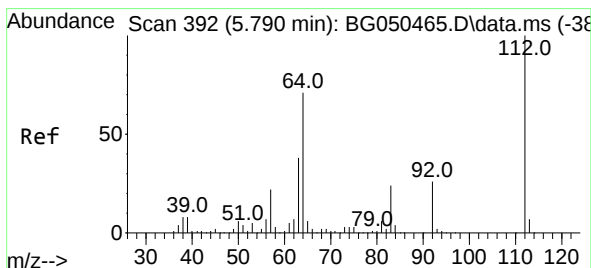
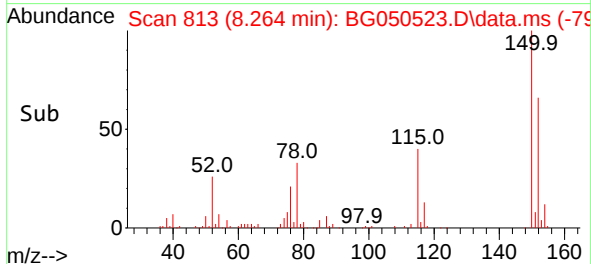
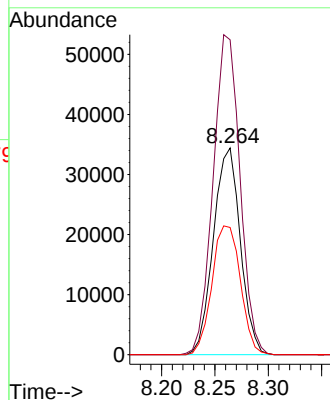
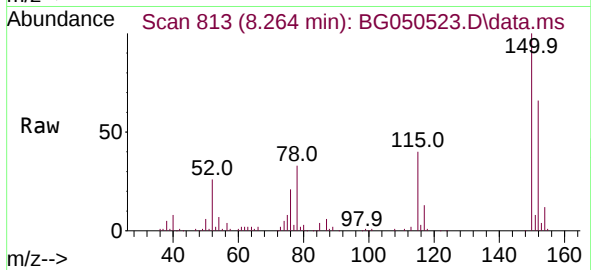




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

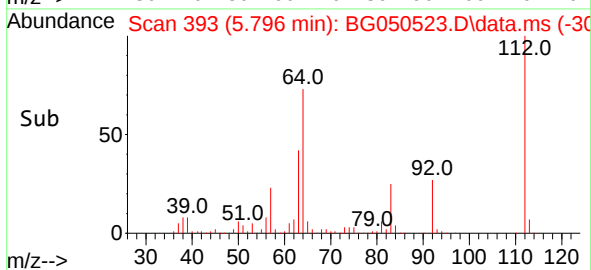
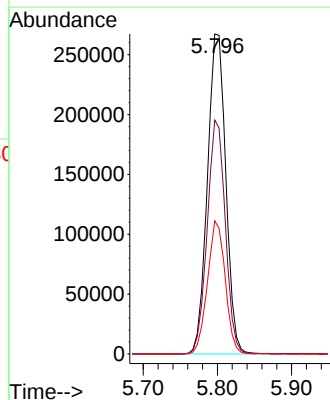
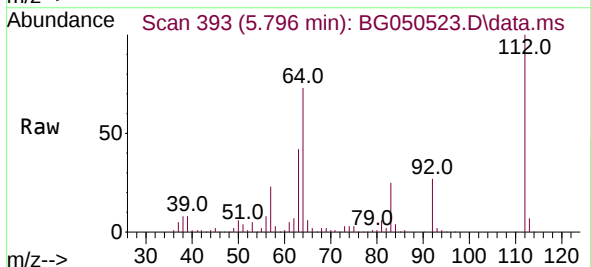
Instrument :
BNA_G
ClientSampleId :
VNJ-237

Tgt Ion:152 Resp: 60467
Ion Ratio Lower Upper
152 100
150 152.3 119.4 179.0
115 61.5 60.2 90.4



#5
2-Fluorophenol
Concen: 114.019 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion:112 Resp: 460999
Ion Ratio Lower Upper
112 100
64 73.1 46.7 70.1#
63 41.6 35.3 52.9

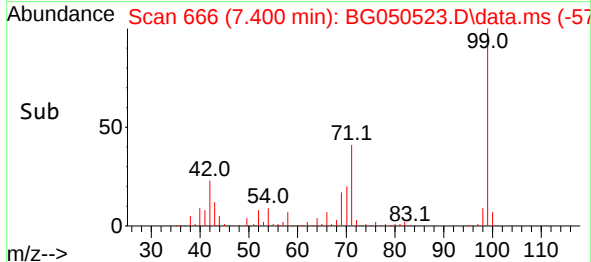
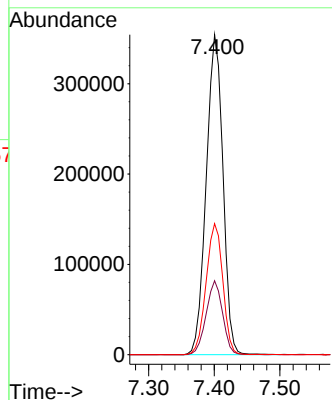
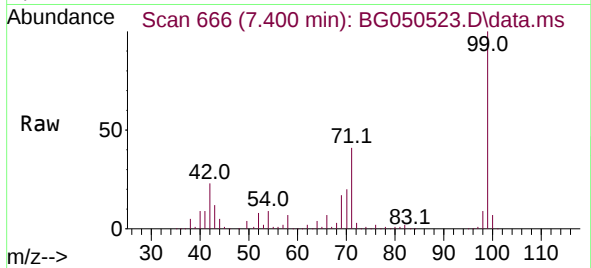




#7
Phenol-d6
Concen: 107.496 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

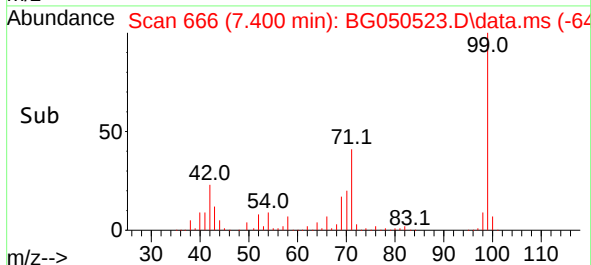
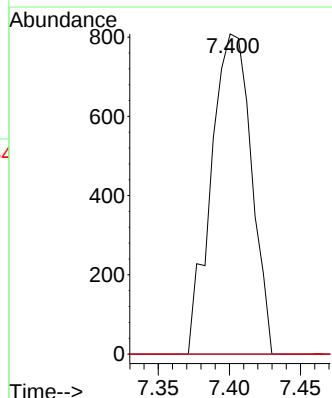
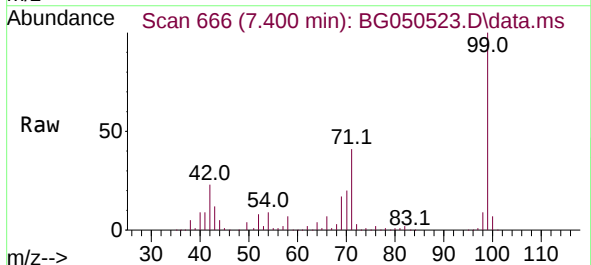
Instrument :
BNA_G
ClientSampleId :
VNJ-237

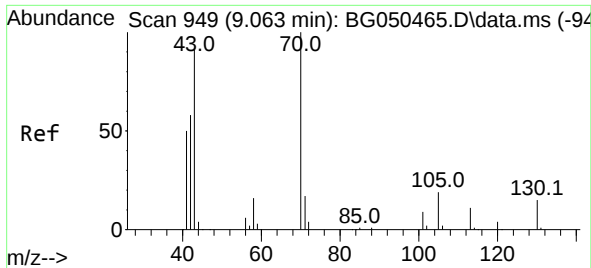
Tgt Ion: 99 Resp: 629261
Ion Ratio Lower Upper
99 100
42 23.1 20.5 30.7
71 41.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion: 77 Resp: 1590
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

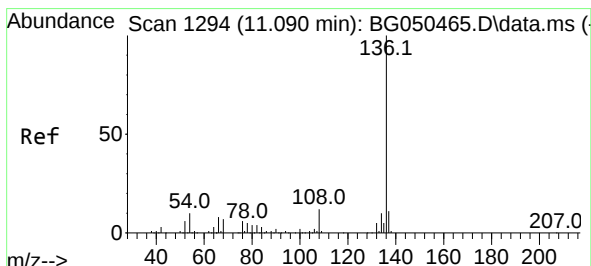
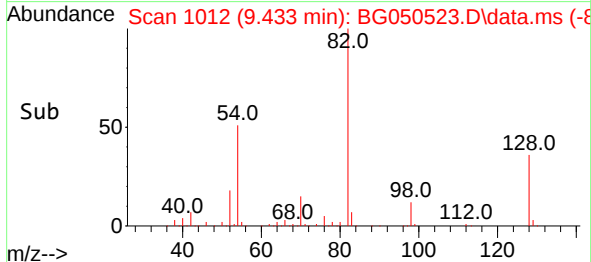
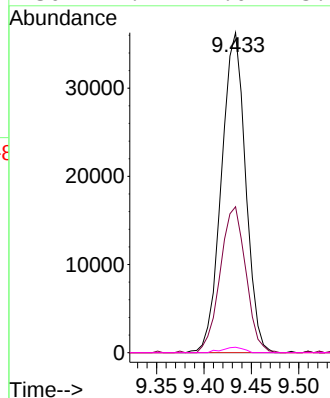
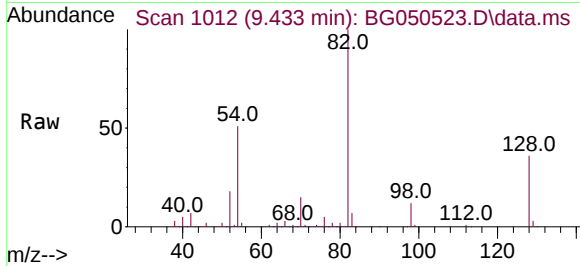




#19
n-Nitroso-di-n-propylamine
Concen: 15.043 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.371 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

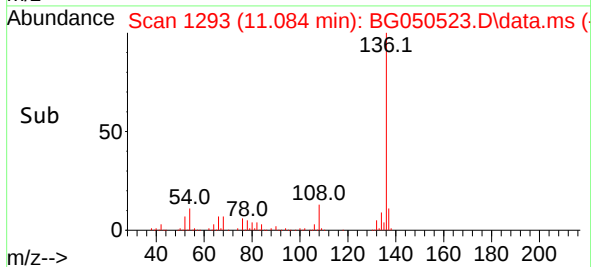
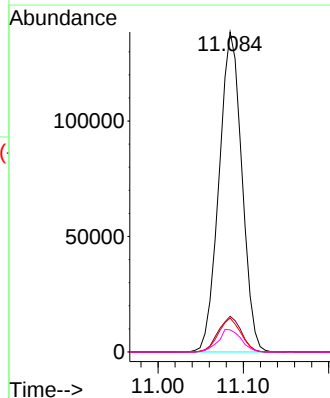
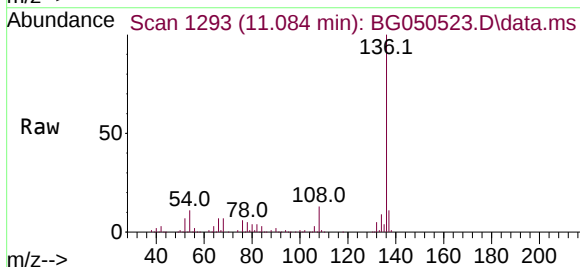
Instrument :
BNA_G
ClientSampleId :
VNJ-237

Tgt Ion:	70	Resp:	64183
Ion	Ratio	Lower	Upper
70	100		
42	45.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.7	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion:	136	Resp:	257445
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	10.6	5.5	8.3#
68	6.9	2.3	3.5#

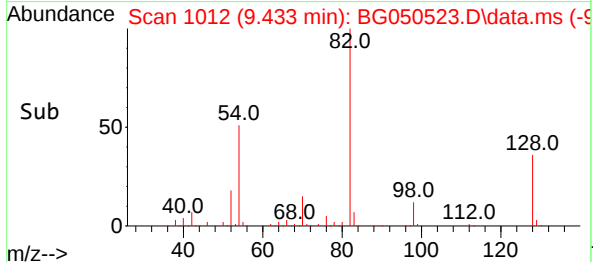
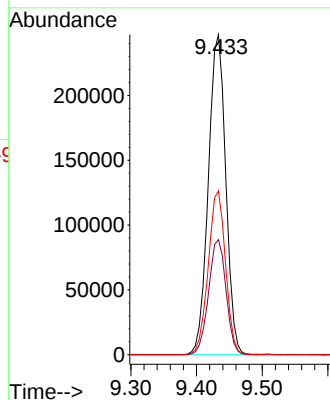
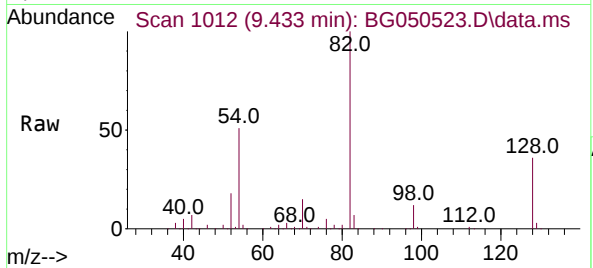




#23
Nitrobenzene-d5
Concen: 73.424 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

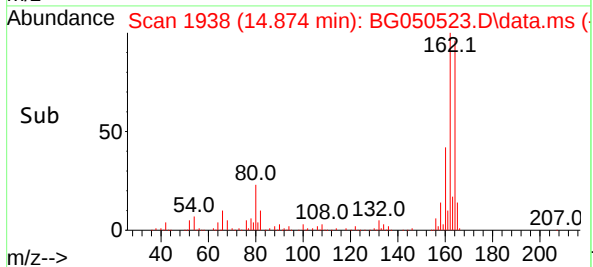
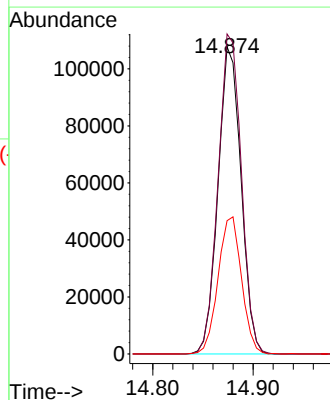
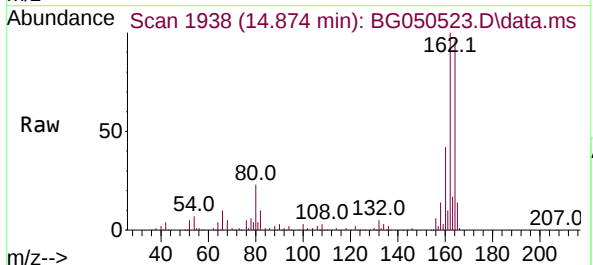
Instrument :
BNA_G
ClientSampleId :
VNJ-237

Tgt Ion: 82 Resp: 456630
Ion Ratio Lower Upper
82 100
128 35.9 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion:164 Resp: 171426
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 43.4 34.9 52.3

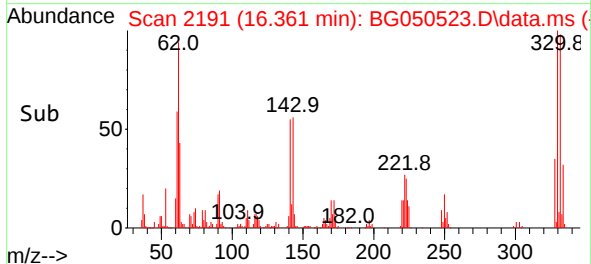
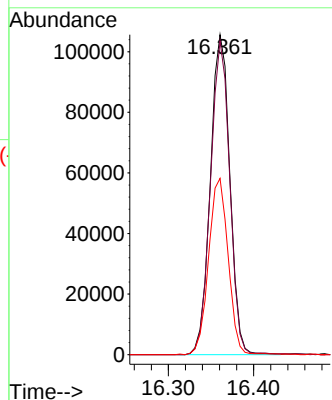
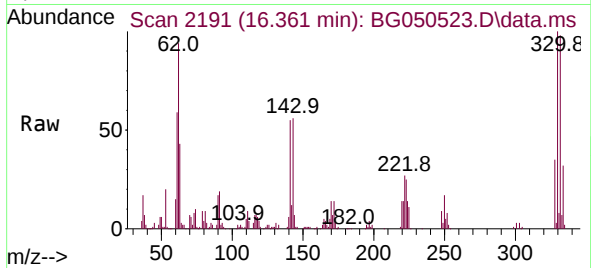




#42
2,4,6-Tribromophenol
Concen: 102.716 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

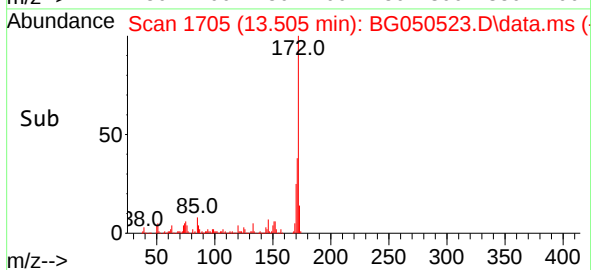
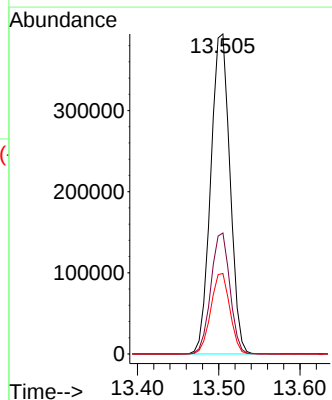
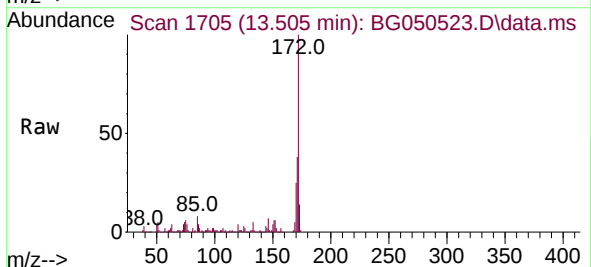
Instrument :
BNA_G
ClientSampleId :
VNJ-237

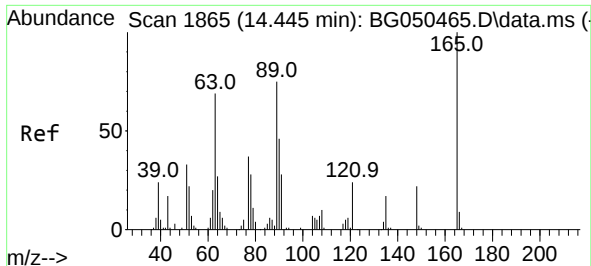
Tgt Ion:330 Resp: 167952
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 55.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 56.861 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion:172 Resp: 647652
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.1 18.6 27.8

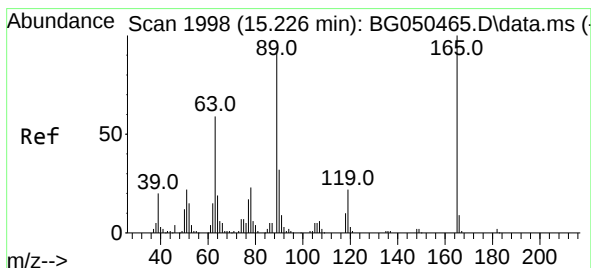
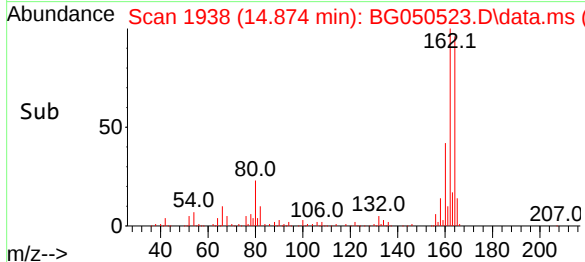
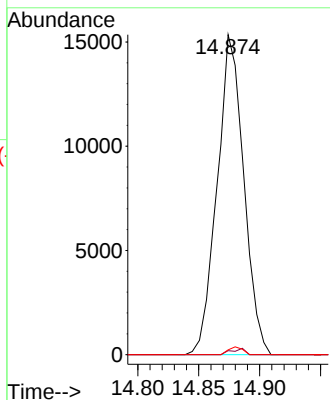
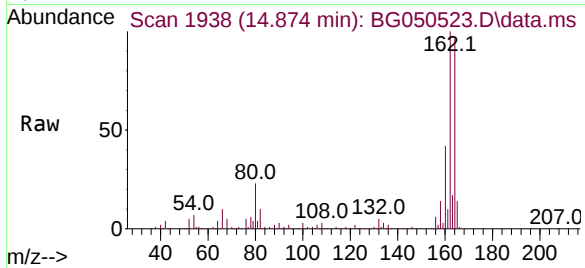




#51
2,6-Dinitrotoluene
Concen: 8.984 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

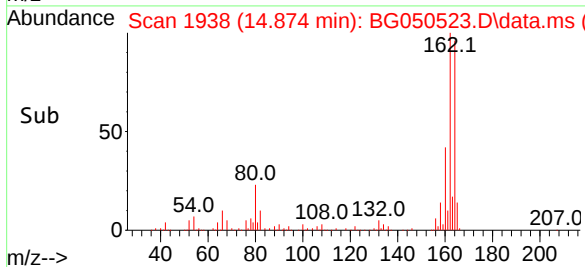
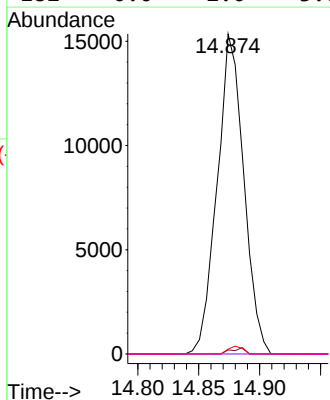
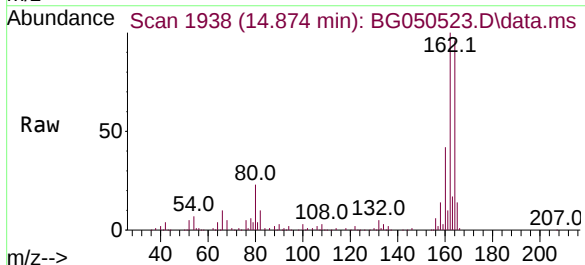
Instrument :
BNA_G
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VNJ-237

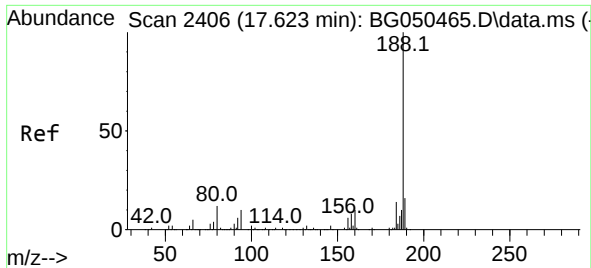
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	63.3	94.9#
89	1.5	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 6.374 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.0	72.0#
89	1.5	65.4	98.0#
182	0.0	2.0	3.0#

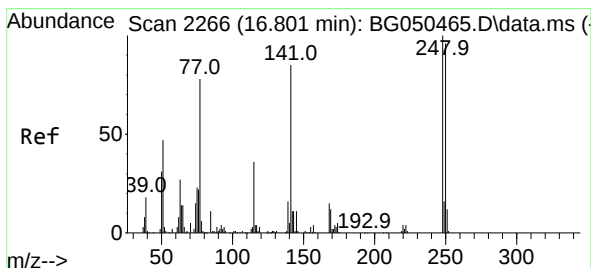
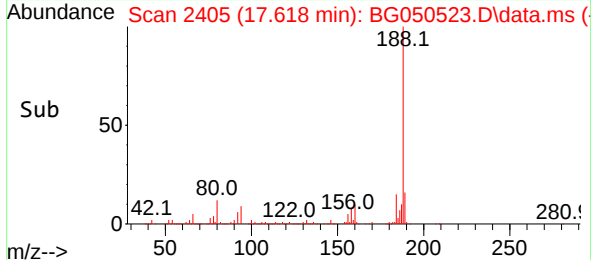
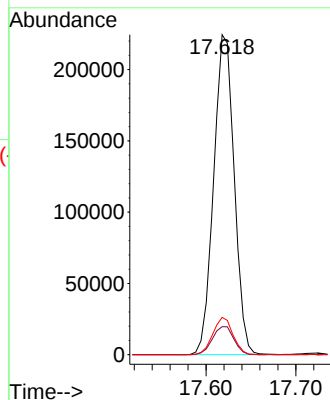
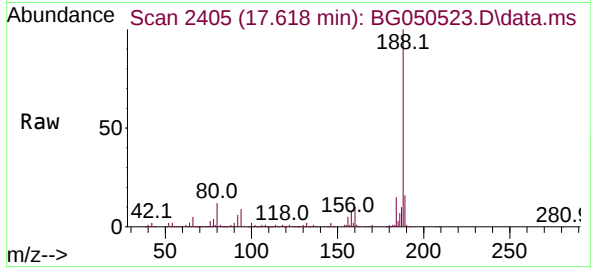




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

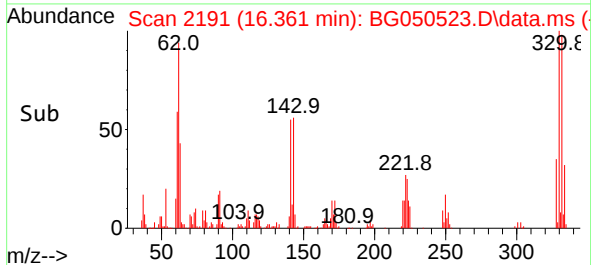
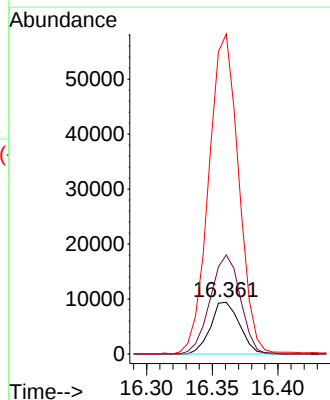
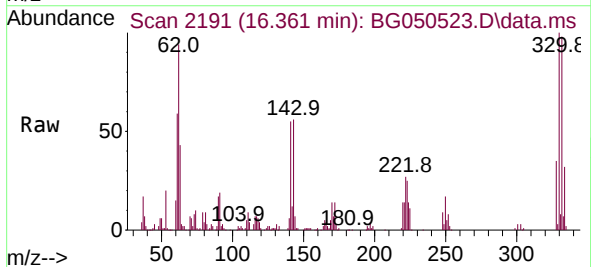
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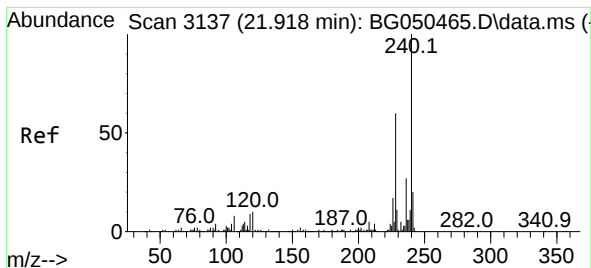
Tgt Ion:188 Resp: 357112
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 11.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.027 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion:248 Resp: 14491
Ion Ratio Lower Upper
248 100
250 191.7 76.1 114.1#
141 619.0 65.4 98.2#

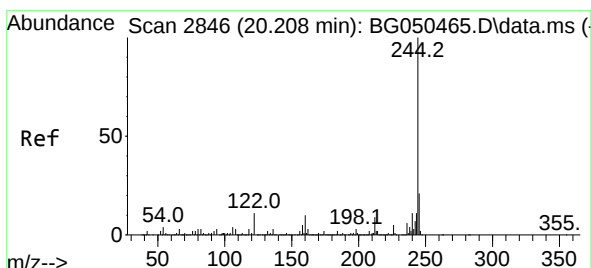
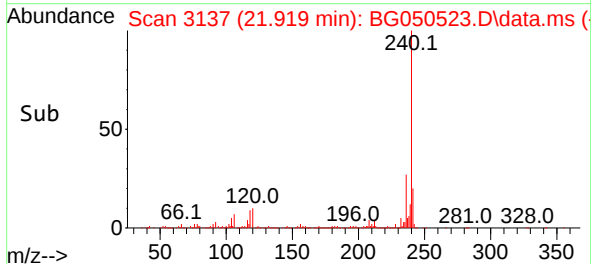
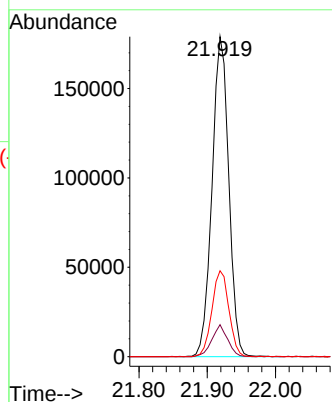
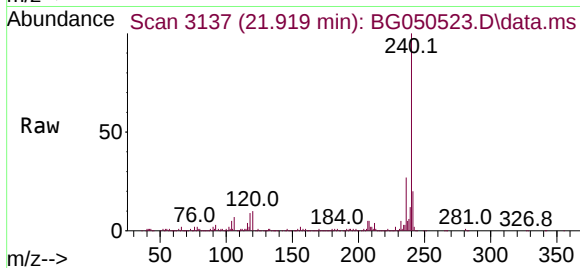




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

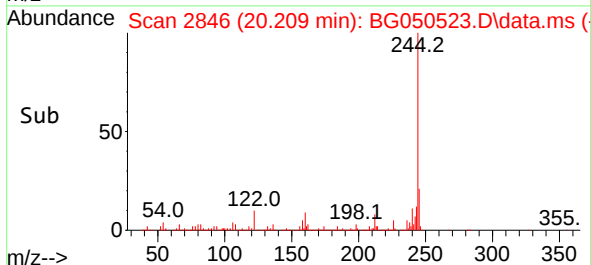
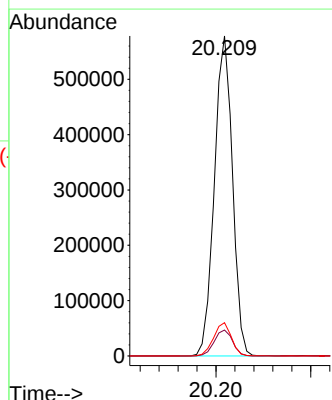
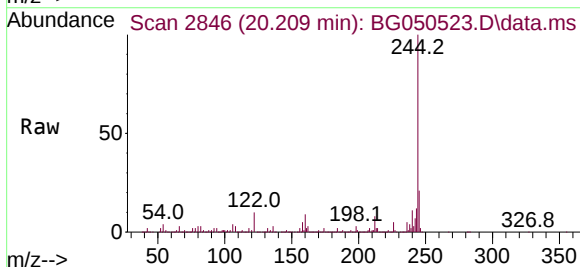
Instrument :
BNA_G
ClientSampleId :
VNJ-237

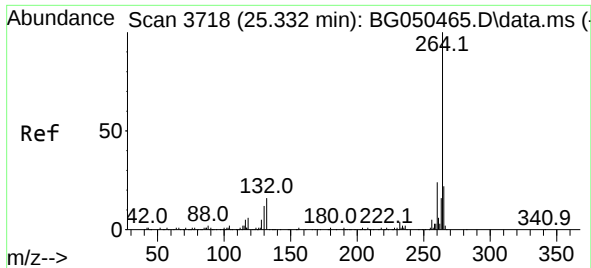
Tgt Ion:240 Resp: 305735
Ion Ratio Lower Upper
240 100
120 10.0 4.2 6.2#
236 26.9 21.8 32.6



#79
Terphenyl-d14
Concen: 48.684 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050523.D
Acq: 9 Oct 2021 00:29

Tgt Ion:244 Resp: 763765
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 10.4 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.332 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050523.D
 Acq: 9 Oct 2021 00:29

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-237

Tgt Ion:264 Resp: 300383
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 23.1 16.9 25.3

