

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050520.D
 Acq On : 8 Oct 2021 22:24
 Operator : CG/JU
 Sample : M4072-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Quant Time: Oct 09 01:27:44 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)

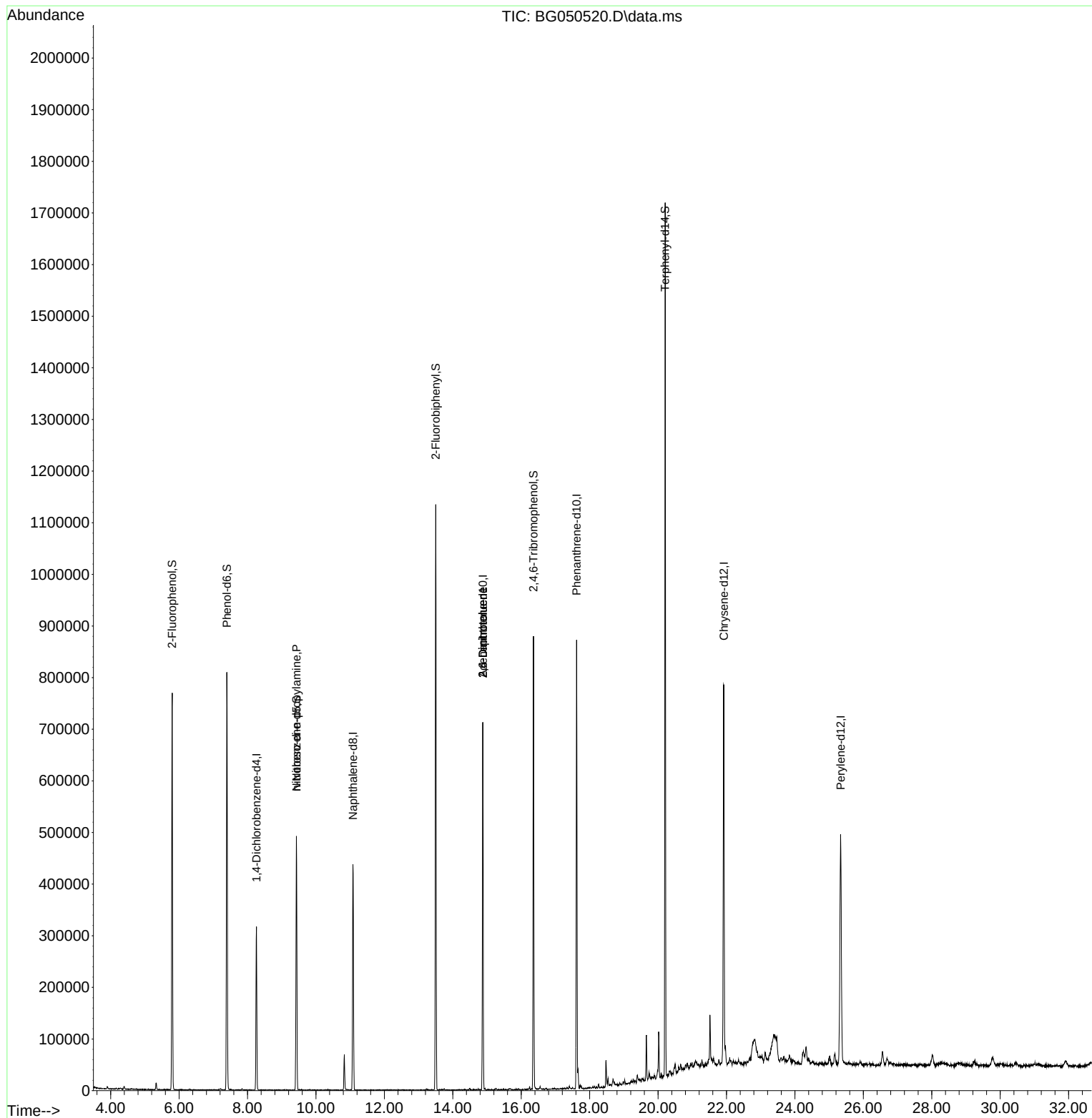
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	82520	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	354004	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	243423	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	516527	20.000	ng	# 0.00
76) Chrysene-d12	21.922	240	447941	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	441601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	317027	57.456	ng	0.00
7) Phenol-d6	7.397	99	438285	54.863	ng	0.00
23) Nitrobenzene-d5	9.430	82	317033	37.073	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	120598	51.941	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	553480	34.220	ng	0.00
79) Terphenyl-d14	20.206	244	757674	32.964	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.397	77	1078	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.430	70	44950	7.720 ng	#	70
51) 2,6-Dinitrotoluene	14.877	165	31049	8.425 ng	#	12
57) 2,4-Dinitrotoluene	14.877	165	31049	5.977 ng	#	17

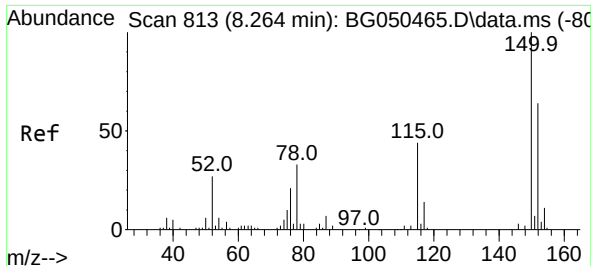
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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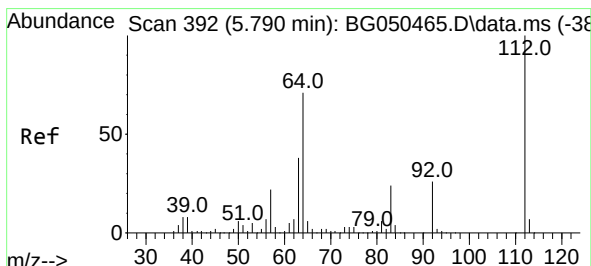
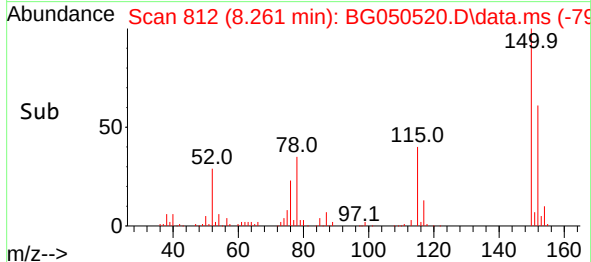
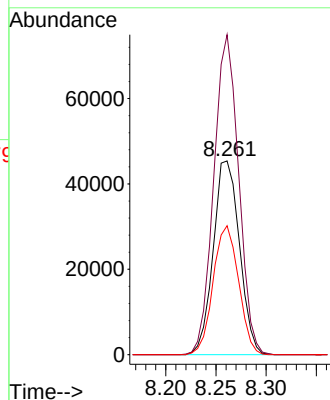
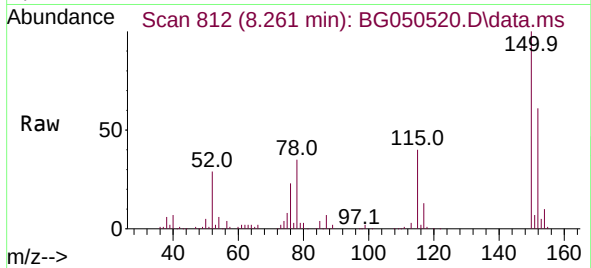




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

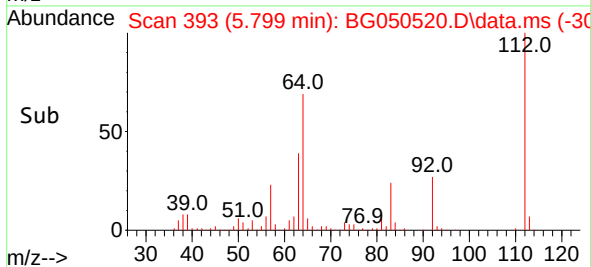
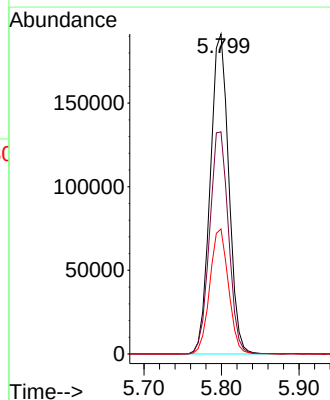
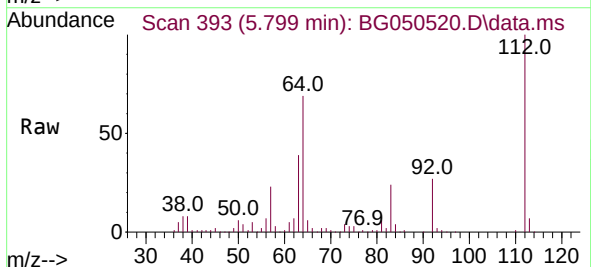
Instrument :
BNA_G
ClientSampleId :
VNJ-207

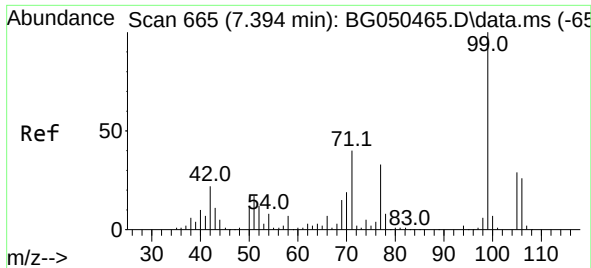
Tgt Ion:152 Resp: 82520
Ion Ratio Lower Upper
152 100
150 165.1 119.4 179.0
115 66.6 60.2 90.4



#5
2-Fluorophenol
Concen: 57.456 ng
RT: 5.799 min Scan# 393
Delta R.T. 0.009 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:112 Resp: 317027
Ion Ratio Lower Upper
112 100
64 69.4 46.7 70.1
63 39.0 35.3 52.9

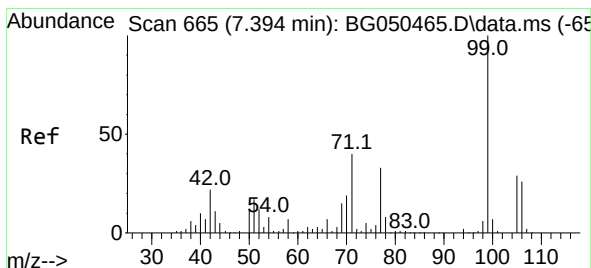
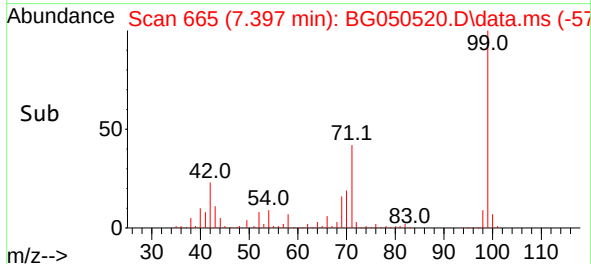
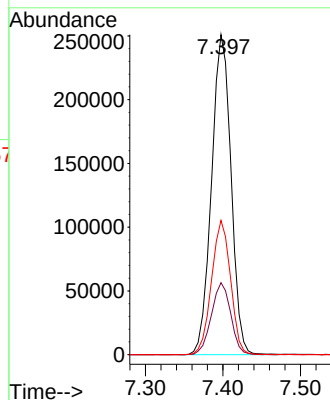
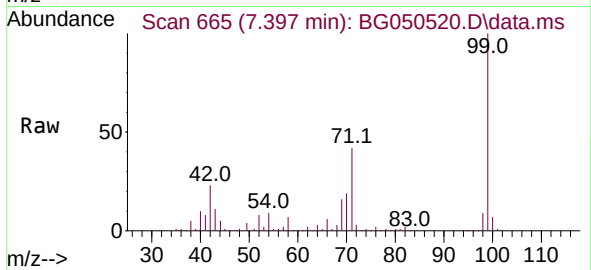




#7
Phenol-d6
Concen: 54.863 ng
RT: 7.397 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

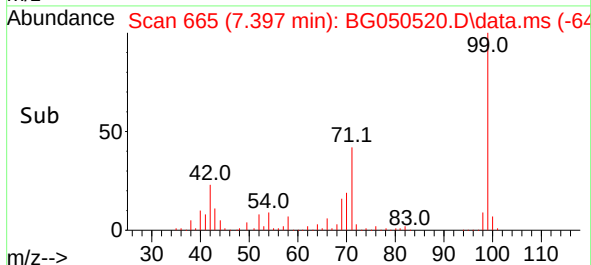
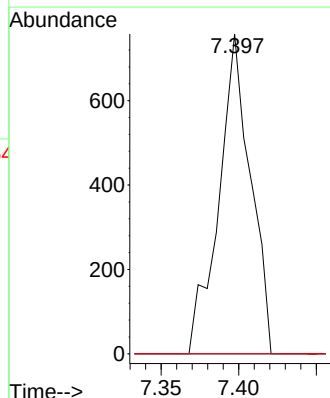
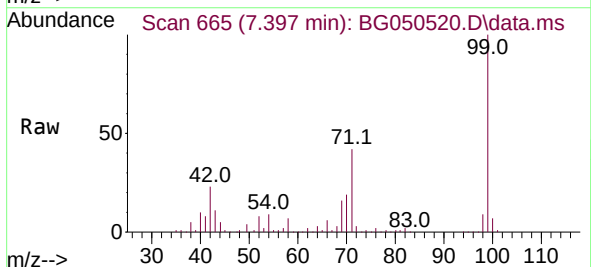
Instrument :
BNA_G
ClientSampleId :
VNJ-207

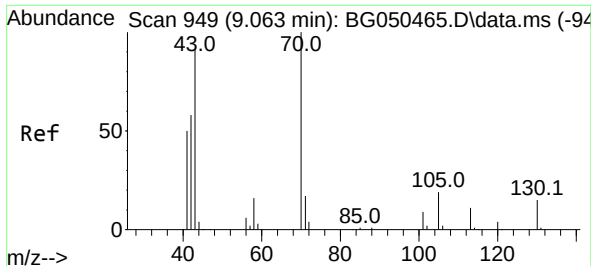
Tgt Ion: 99 Resp: 438285
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 41.9 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.397 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion: 77 Resp: 1078
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

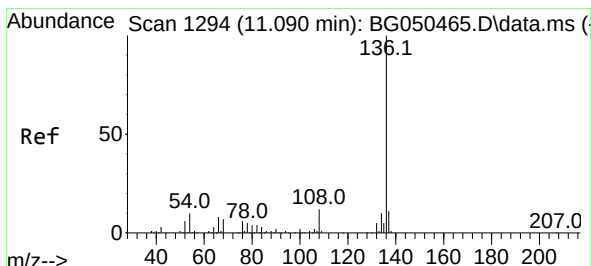
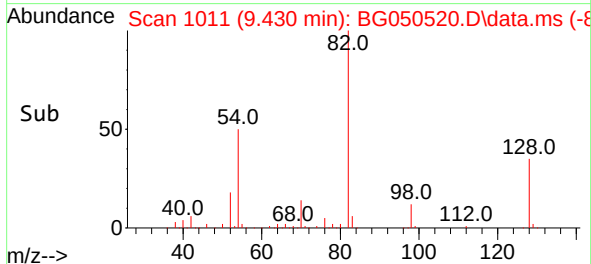
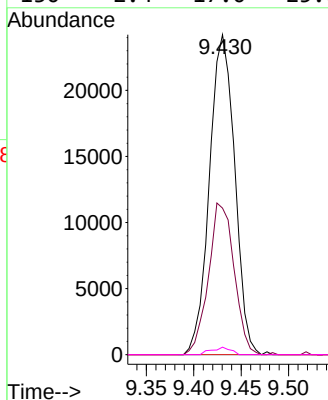
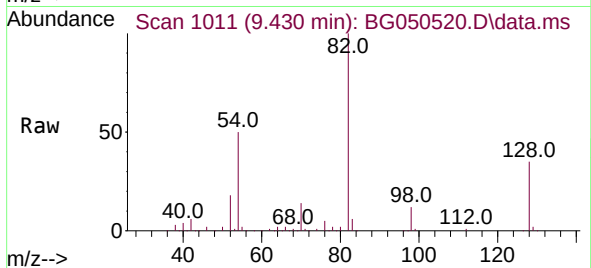




#19
n-Nitroso-di-n-propylamine
Concen: 7.720 ng
RT: 9.430 min Scan# 1011
Delta R.T. 0.368 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

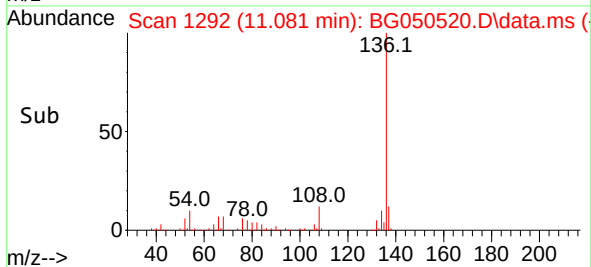
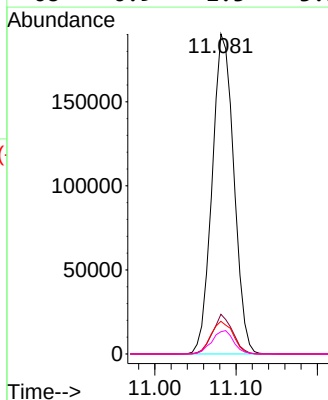
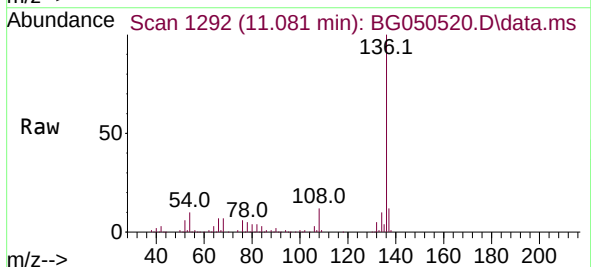
Instrument :
BNA_G
ClientSampleId :
VNJ-207

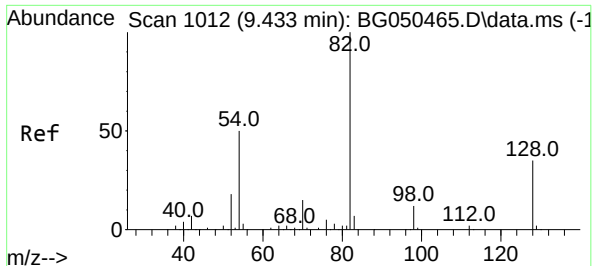
Tgt Ion: 70 Resp: 44950
Ion Ratio Lower Upper
70 100
42 45.8 54.5 81.7#
101 0.0 9.0 13.6#
130 2.4 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:136 Resp: 354004
Ion Ratio Lower Upper
136 100
137 12.4 8.2 12.2#
54 10.2 5.5 8.3#
68 6.9 2.3 3.5#

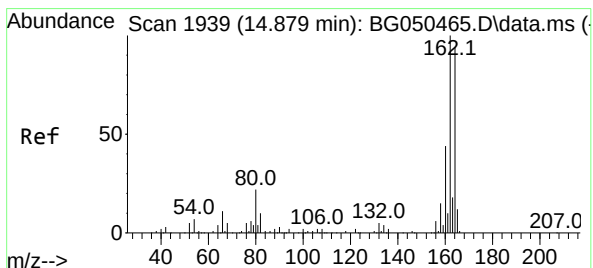
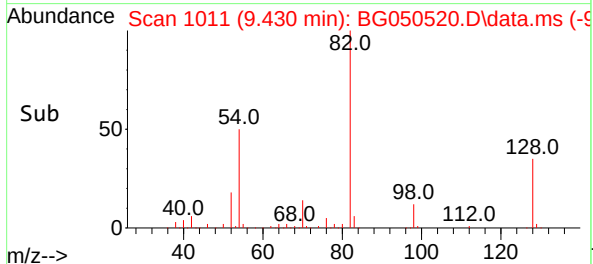
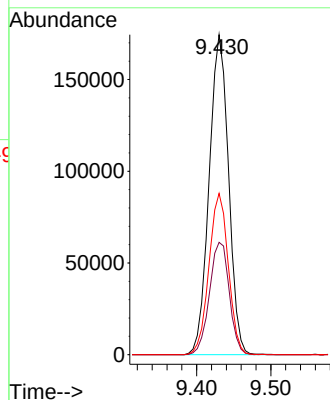
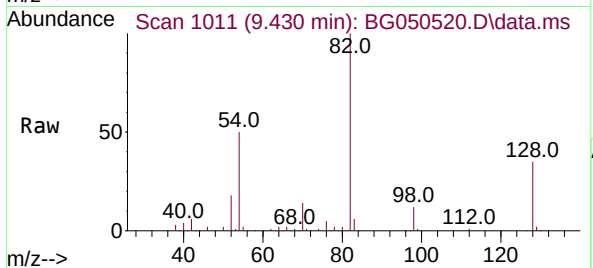




#23
Nitrobenzene-d5
Concen: 37.073 ng
RT: 9.430 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

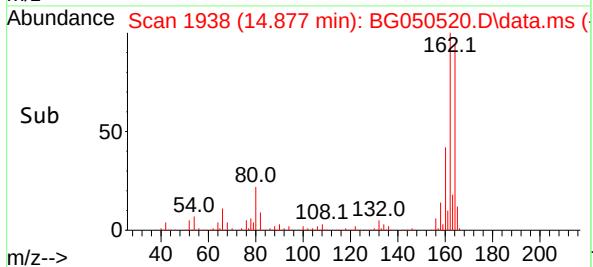
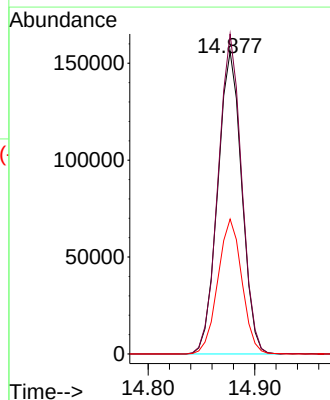
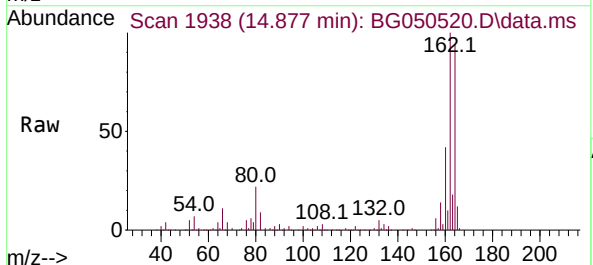
Instrument :
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ClientSampleId :
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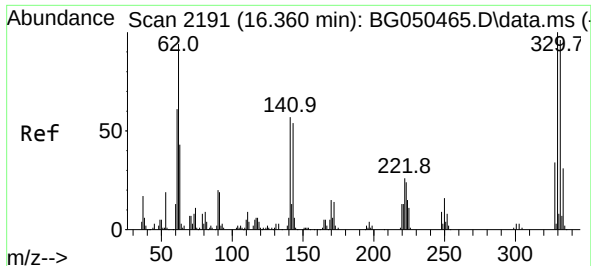
Tgt Ion: 82 Resp: 317033
Ion Ratio Lower Upper
82 100
128 35.1 29.8 44.6
54 50.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:164 Resp: 243423
Ion Ratio Lower Upper
164 100
162 105.8 81.4 122.0
160 44.6 34.9 52.3

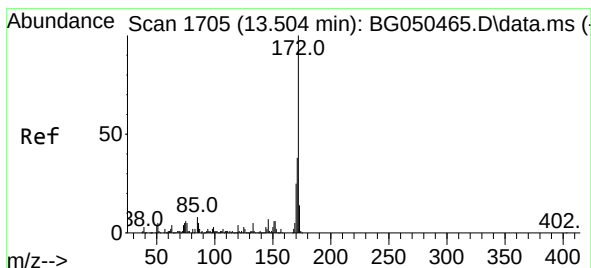
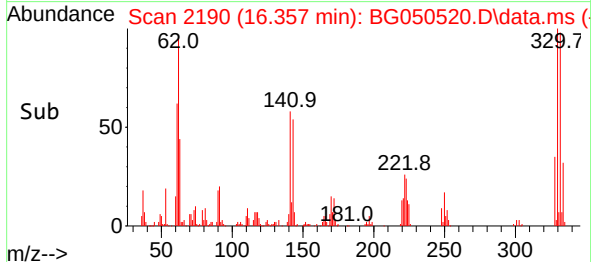
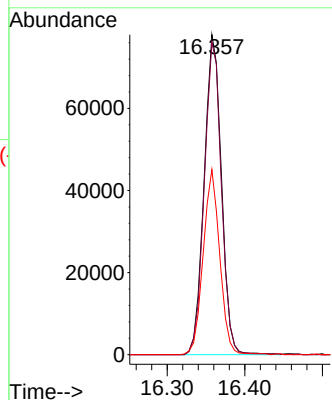
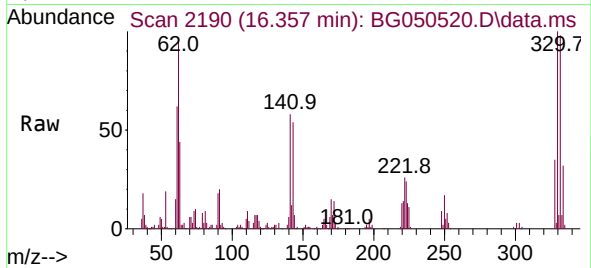




#42
 2,4,6-Tribromophenol
 Concen: 51.941 ng
 RT: 16.357 min Scan# 2190
 Delta R.T. -0.003 min
 Lab File: BG050520.D
 Acq: 8 Oct 2021 22:24

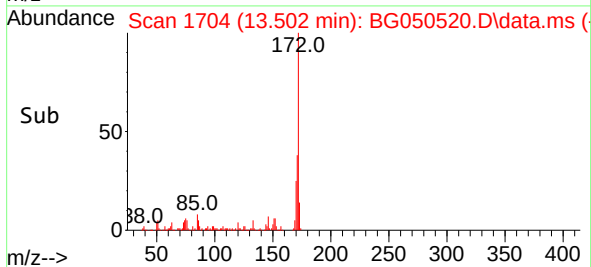
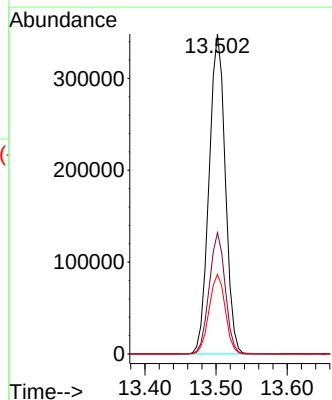
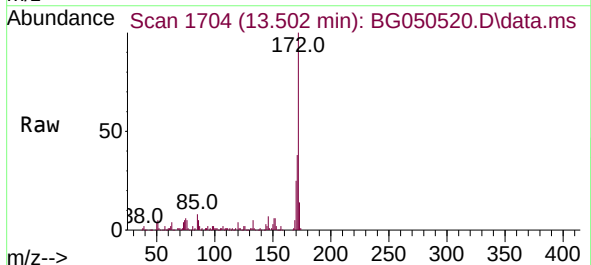
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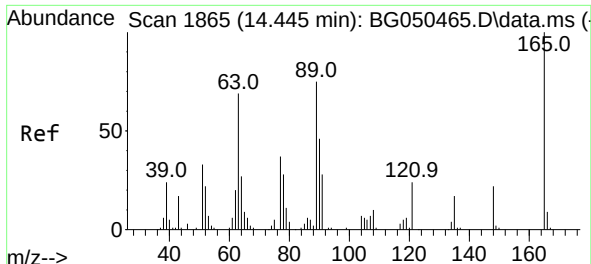
Tgt Ion:330 Resp: 120598
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 55.5 35.6 53.4#



#45
 2-Fluorobiphenyl
 Concen: 34.220 ng
 RT: 13.502 min Scan# 1704
 Delta R.T. -0.003 min
 Lab File: BG050520.D
 Acq: 8 Oct 2021 22:24

Tgt Ion:172 Resp: 553480
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.6 43.0
 170 24.9 18.6 27.8

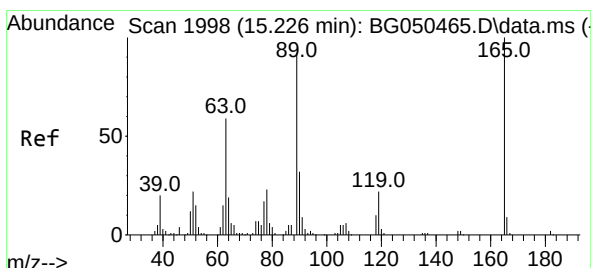
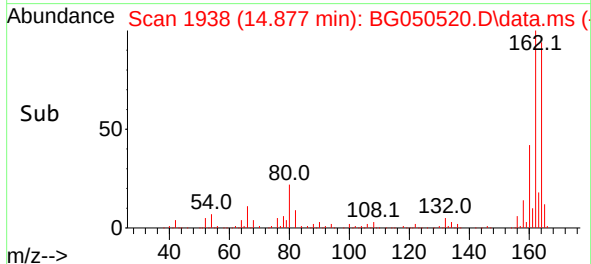
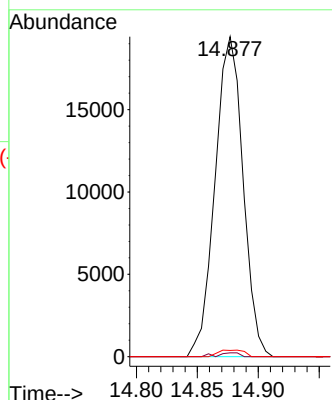
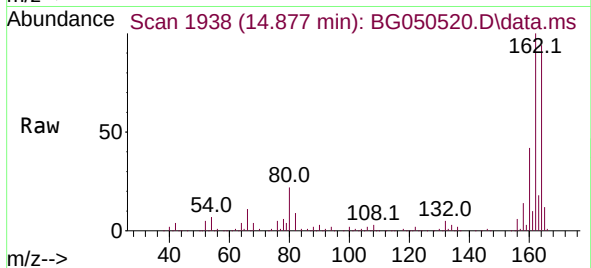




#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 14.877 min Scan# 1938
Delta R.T. 0.432 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

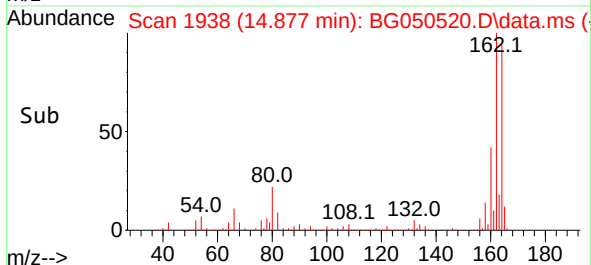
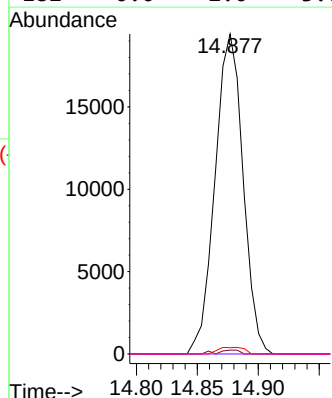
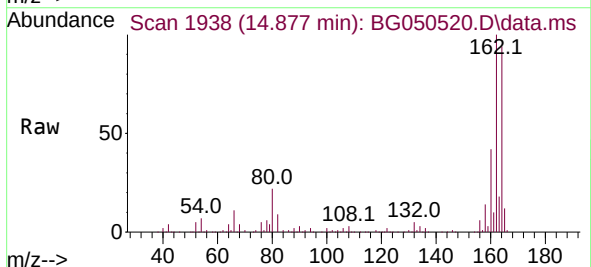
Instrument :
BNA_G
ClientSampled :
VNJ-207

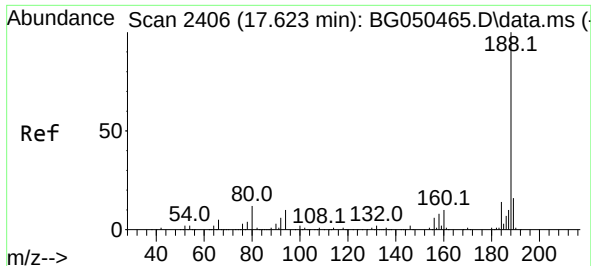
Tgt Ion:165 Resp: 31049
Ion Ratio Lower Upper
165 100
63 1.2 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:165 Resp: 31049
Ion Ratio Lower Upper
165 100
63 1.2 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#

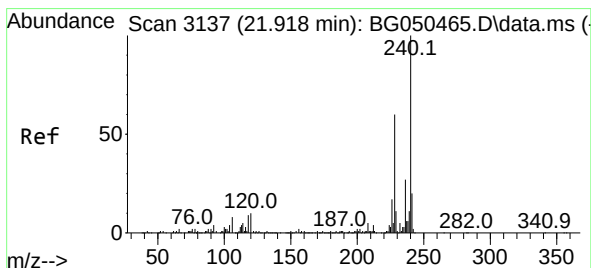
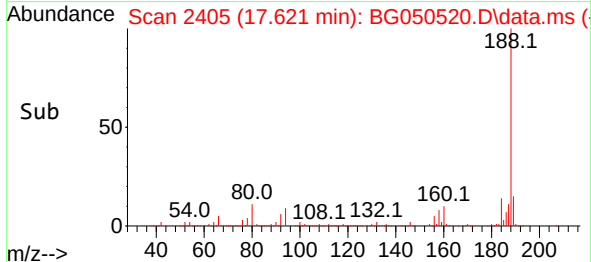
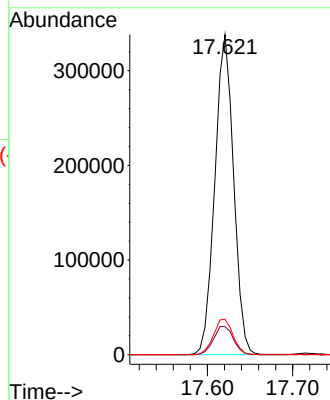
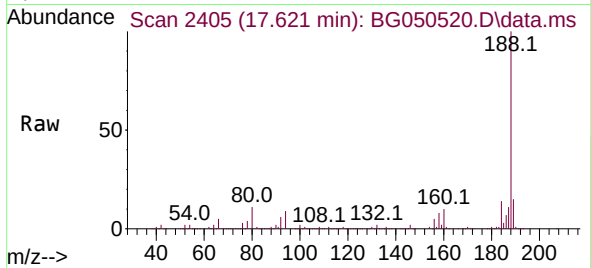




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

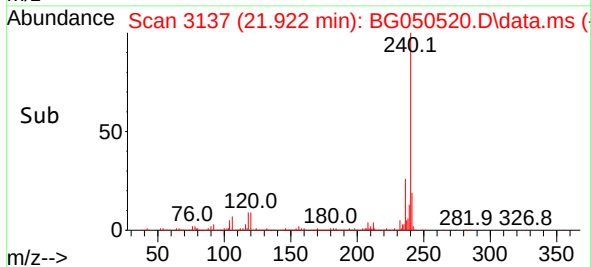
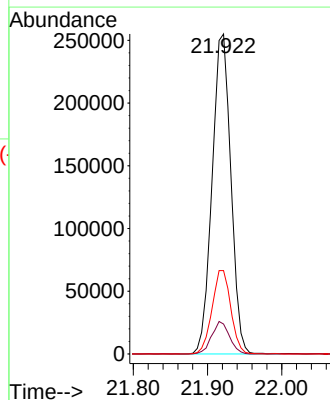
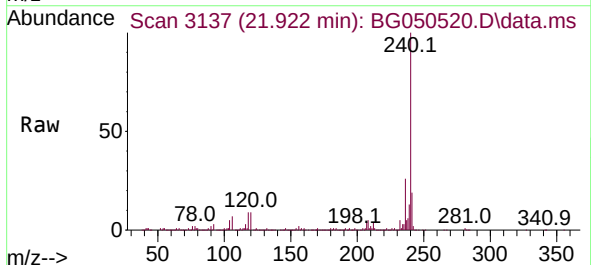
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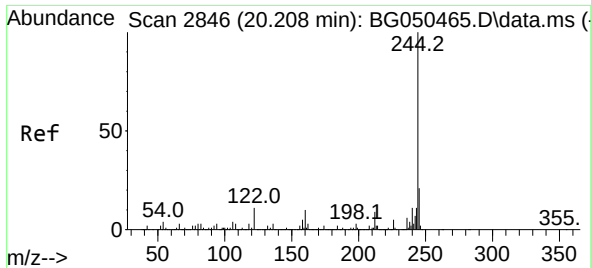
Tgt Ion:188 Resp: 516527
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 11.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.003 min
Lab File: BG050520.D
Acq: 8 Oct 2021 22:24

Tgt Ion:240 Resp: 447941
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.0 21.8 32.6

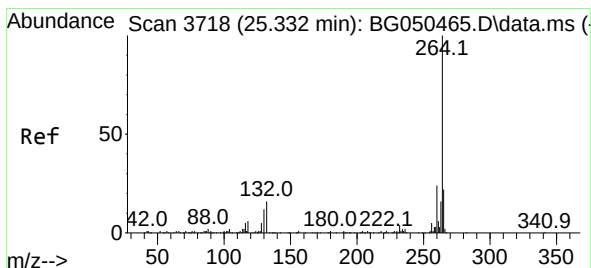
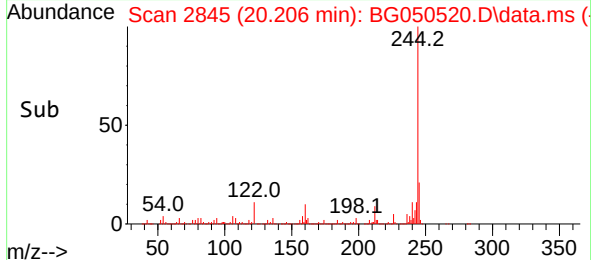
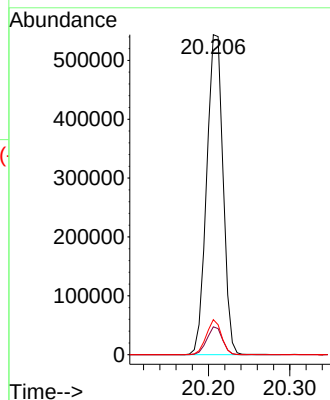
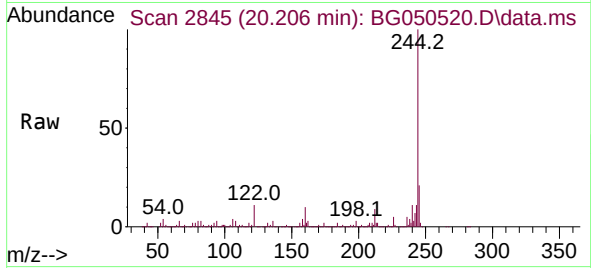




#79
 Terphenyl-d14
 Concen: 32.964 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050520.D
 Acq: 8 Oct 2021 22:24

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Tgt Ion:244 Resp: 757674
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 11.0 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 3718
 Delta R.T. 0.003 min
 Lab File: BG050520.D
 Acq: 8 Oct 2021 22:24

Tgt Ion:264 Resp: 441601
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 23.1 16.9 25.3

