

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050624.D
 Acq On : 18 Oct 2021 19:34
 Operator : CG/JU
 Sample : M4251-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 19 02:36:41 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)

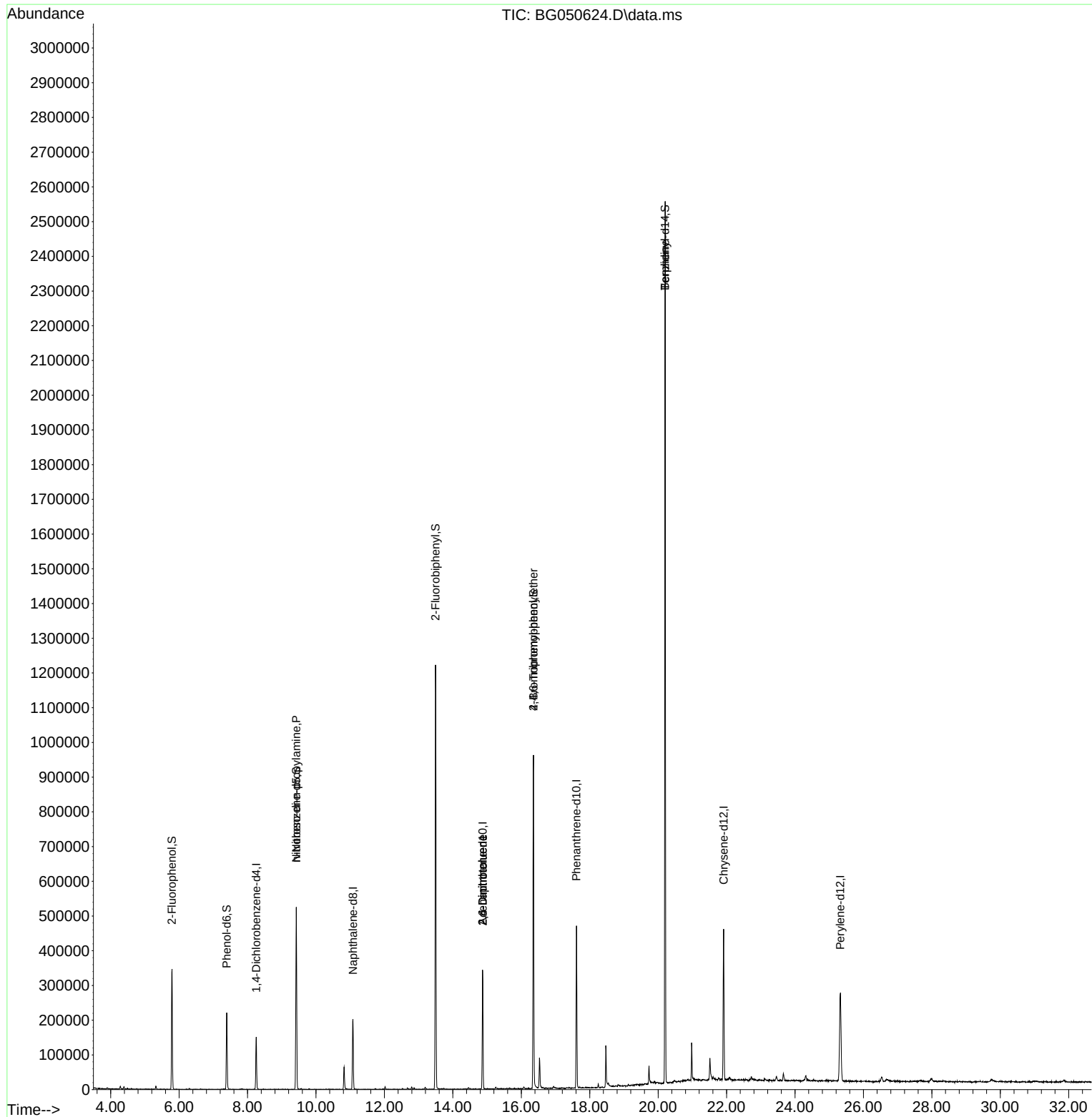
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	39621	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	167811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	119205	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	282066	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	265485	20.000	ng	#-0.01
86) Perylene-d12	25.321	264	259988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	146453	55.280	ng	0.00
7) Phenol-d6	7.389	99	127272	33.181	ng	-0.01
23) Nitrobenzene-d5	9.422	82	332313	81.975	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	141580	124.520	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	613636	77.475	ng	-0.01
79) Terphenyl-d14	20.204	244	1080924	79.346	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.383	77	160	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	47263	16.906	ng	# 74
51) 2,6-Dinitrotoluene	14.869	165	15390	8.528	ng	# 12
57) 2,4-Dinitrotoluene	14.869	165	15390	6.050	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	11737	4.129	ng	# 1
77) Benzidine	20.204	184	21843	2.539	ng	# 89

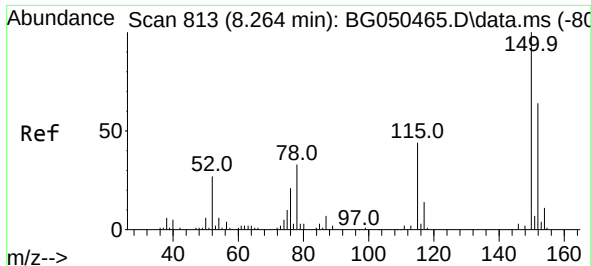
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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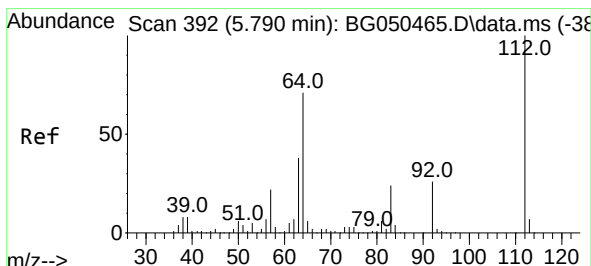
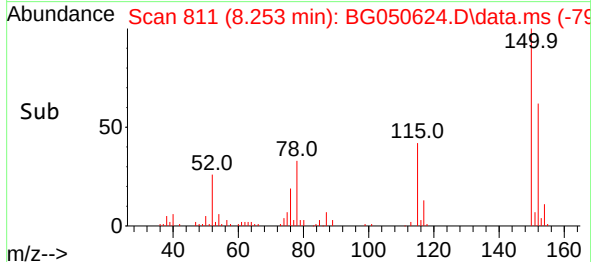
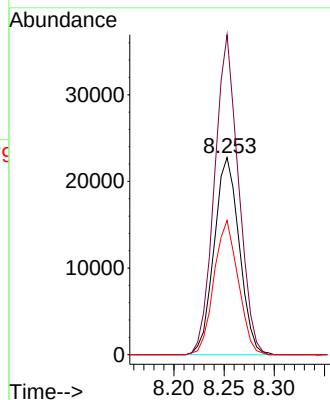
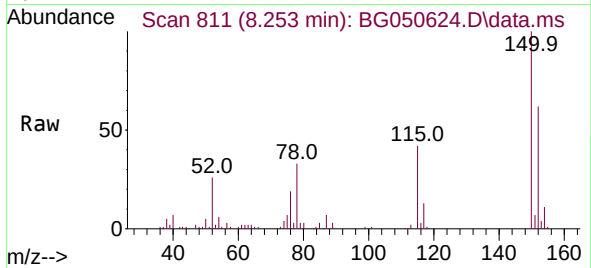




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

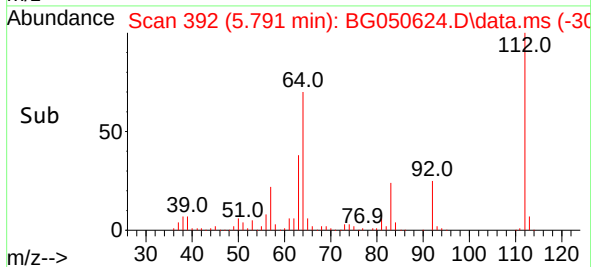
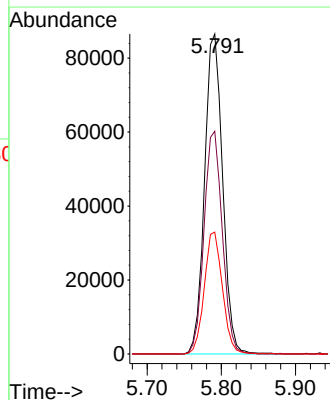
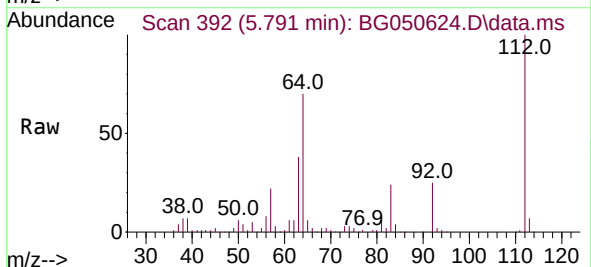
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

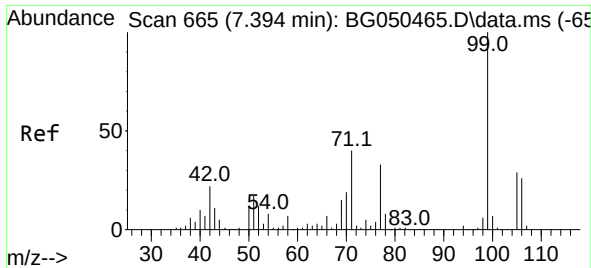
Tgt Ion:152 Resp: 39621
Ion Ratio Lower Upper
152 100
150 162.3 119.4 179.0
115 68.1 60.2 90.4



#5
2-Fluorophenol
Concen: 55.280 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.000 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Tgt Ion:112 Resp: 146453
Ion Ratio Lower Upper
112 100
64 69.6 46.7 70.1
63 38.1 35.3 52.9

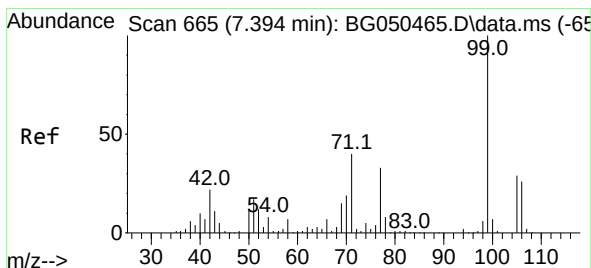
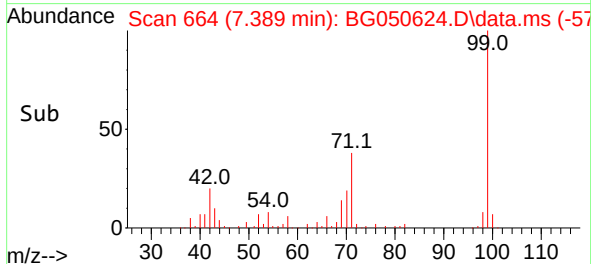
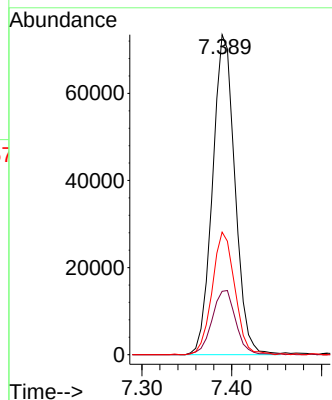
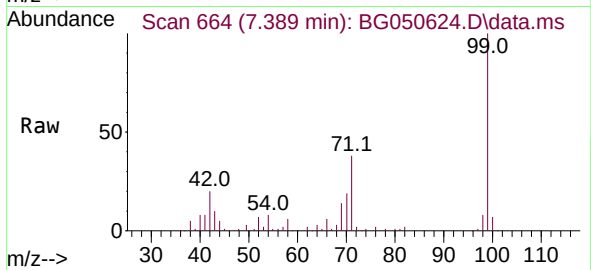




#7
Phenol-d6
Concen: 33.181 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

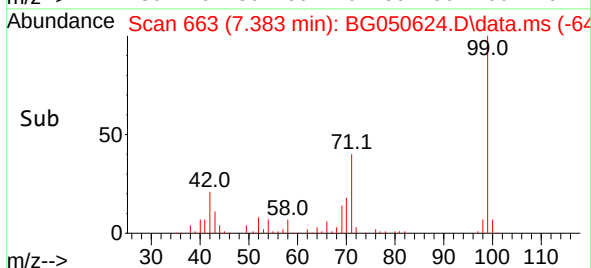
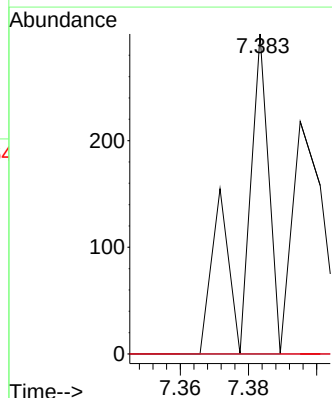
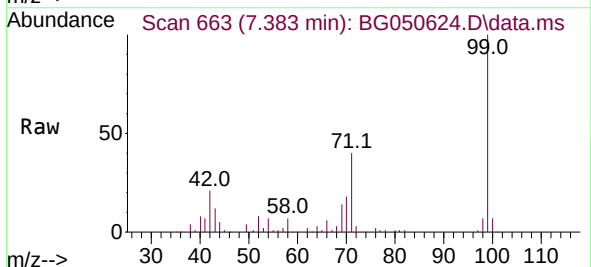
Instrument :
BNA_G
ClientSampled :
P287-DITCH

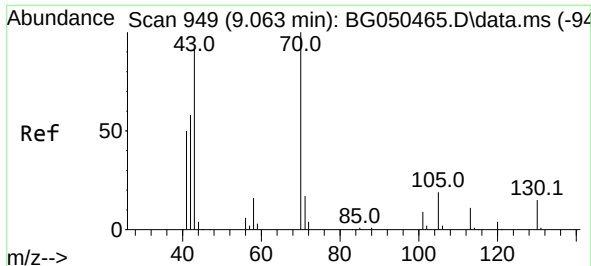
Tgt Ion: 99 Resp: 127272
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 38.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.383 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Tgt Ion: 77 Resp: 160
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

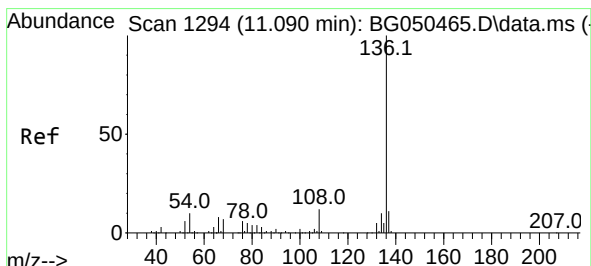
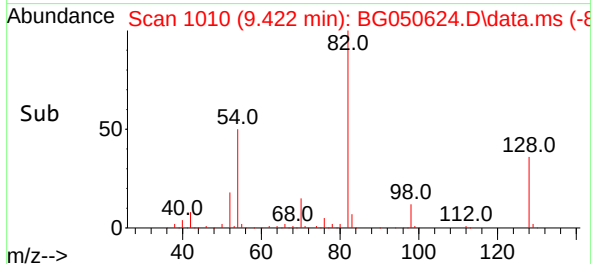
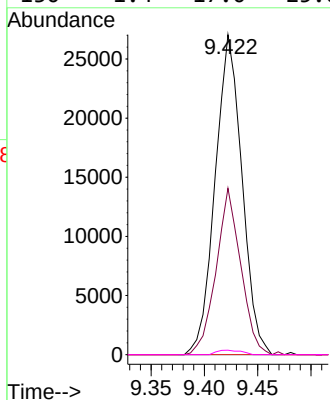
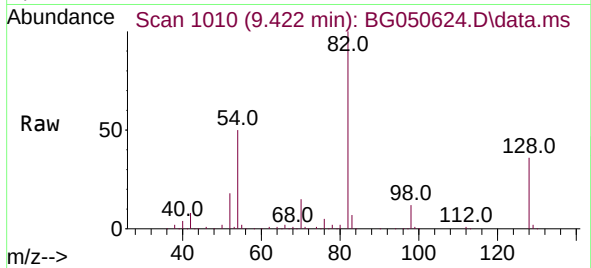




#19
n-Nitroso-di-n-propylamine
Concen: 16.906 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

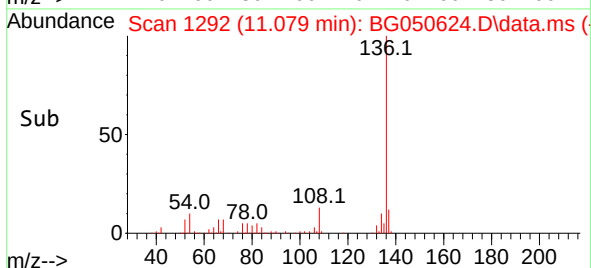
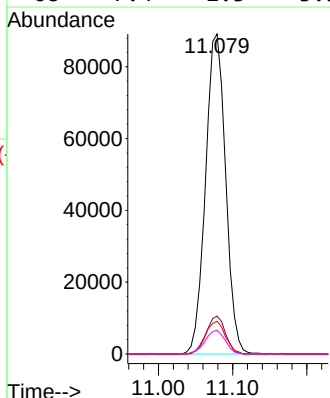
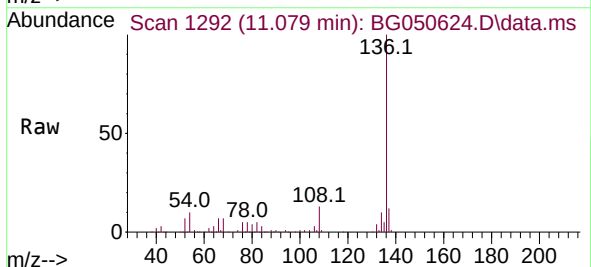
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

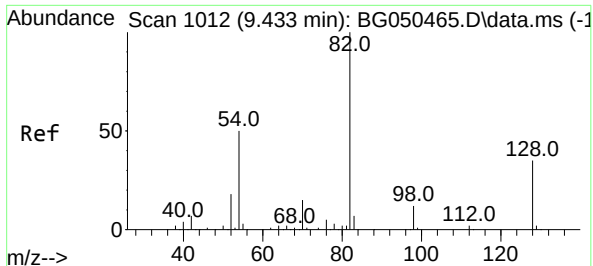
Tgt Ion: 70 Resp: 47263
Ion Ratio Lower Upper
70 100
42 52.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.005 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Tgt Ion:136 Resp: 167811
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 10.3 5.5 8.3#
68 7.4 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 81.975 ng

RT: 9.422 min Scan# 1010

Delta R.T. -0.005 min

Lab File: BG050624.D

Acq: 18 Oct 2021 19:34

Tgt Ion: 82 Resp: 332313

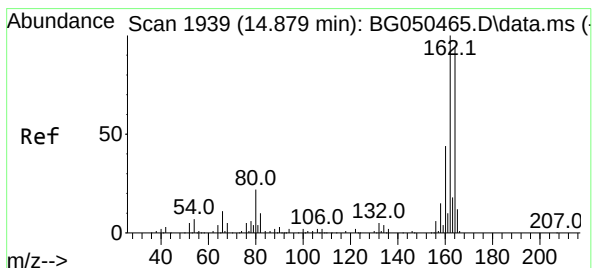
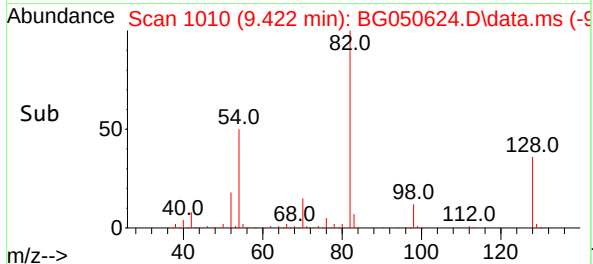
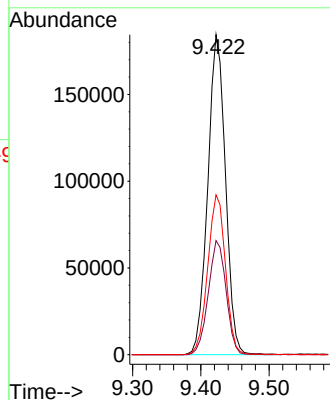
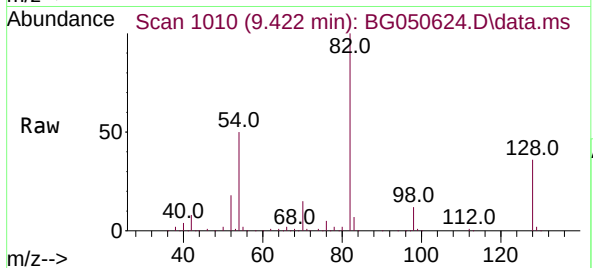
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.8	44.6
54	49.9	45.8	68.8

Instrument :

BNA_G

ClientSampleId :

P287-DITCH



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.869 min Scan# 1937

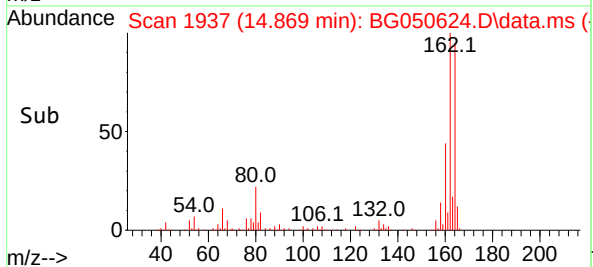
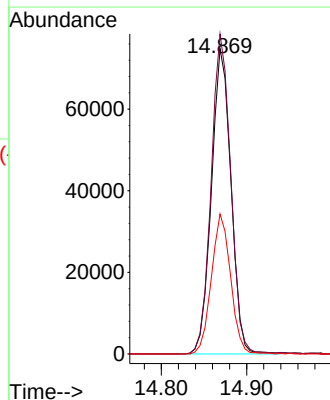
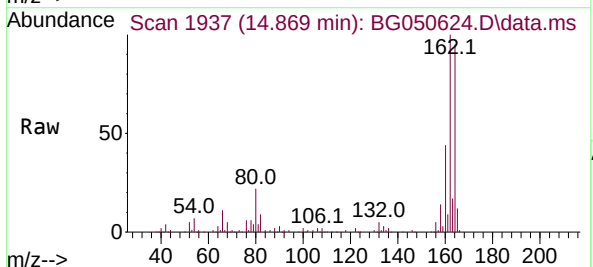
Delta R.T. -0.005 min

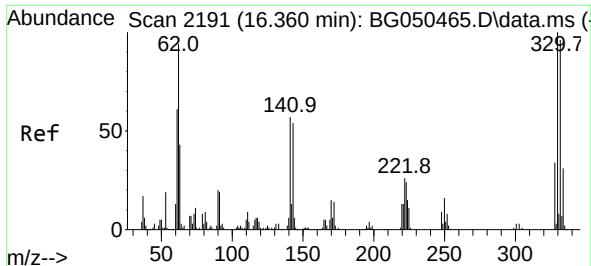
Lab File: BG050624.D

Acq: 18 Oct 2021 19:34

Tgt Ion:164 Resp: 119205

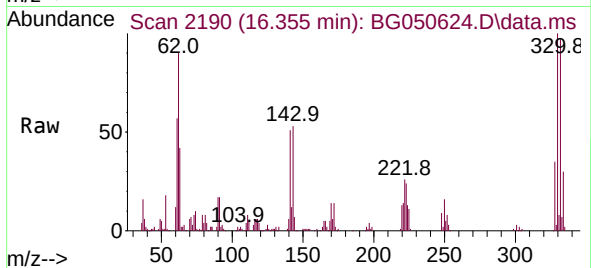
Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	45.8	34.9	52.3



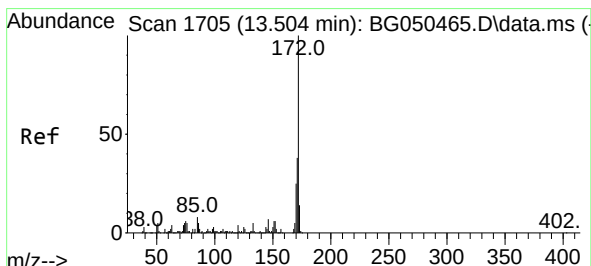
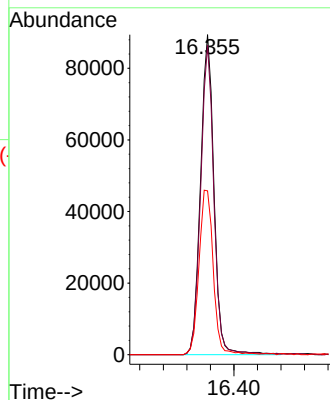
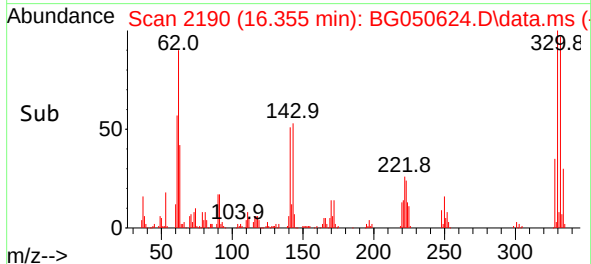


#42
2,4,6-Tribromophenol
Concen: 124.520 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

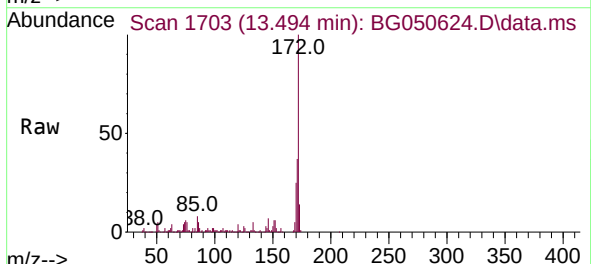
Instrument :
BNA_G
ClientSampleId :
P287-DITCH



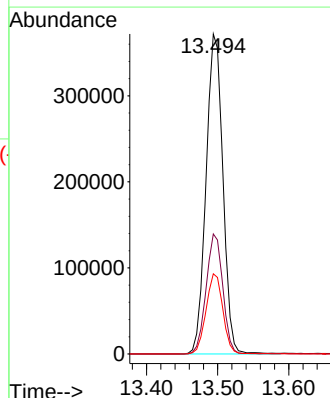
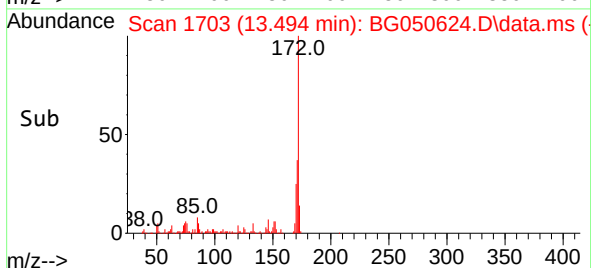
Tgt Ion:330 Resp: 141580
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 54.7 35.6 53.4#

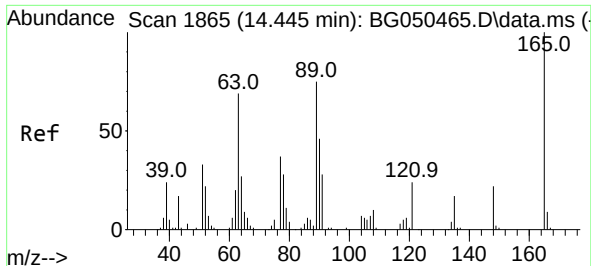


#45
2-Fluorobiphenyl
Concen: 77.475 ng
RT: 13.494 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34



Tgt Ion:172 Resp: 613636
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.1 18.6 27.8

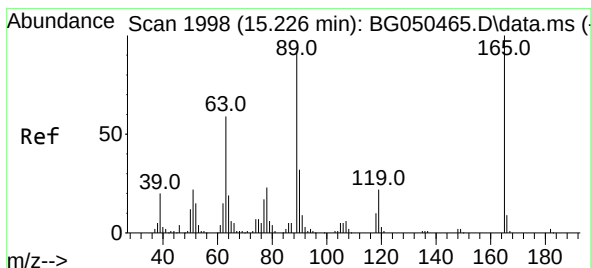
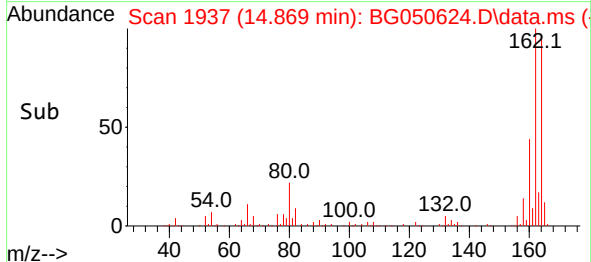
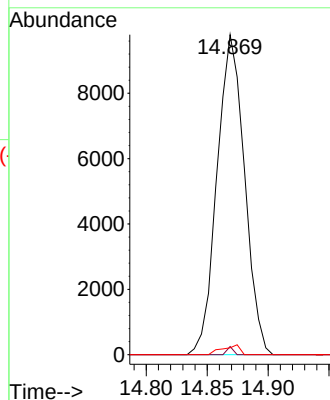
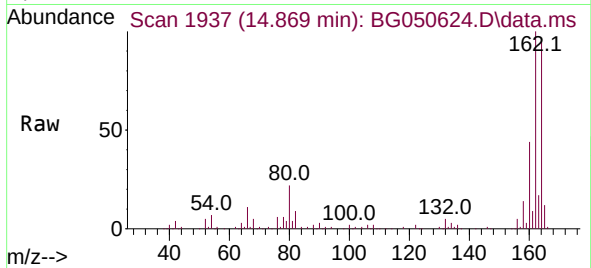




#51
2,6-Dinitrotoluene
Concen: 8.528 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

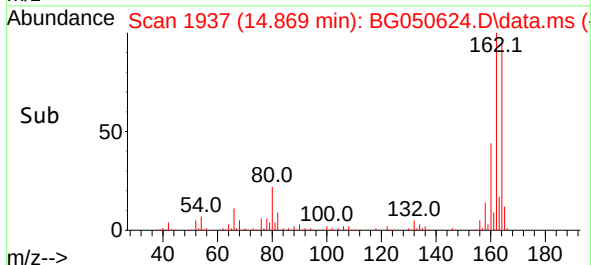
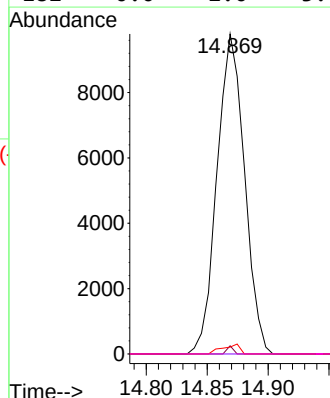
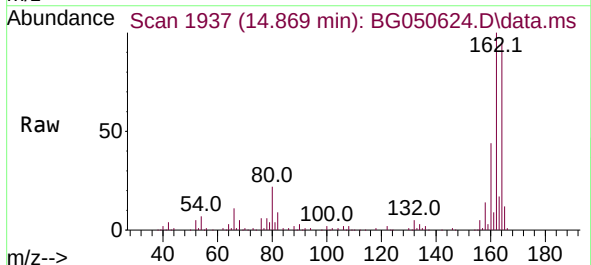
Instrument :
BNA_G
ClientSampled :
P287-DITCH

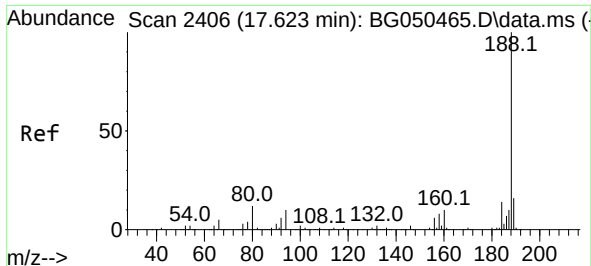
Tgt Ion:165 Resp: 15390
Ion Ratio Lower Upper
165 100
63 2.5 63.3 94.9#
89 2.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.050 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Tgt Ion:165 Resp: 15390
Ion Ratio Lower Upper
165 100
63 2.5 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#

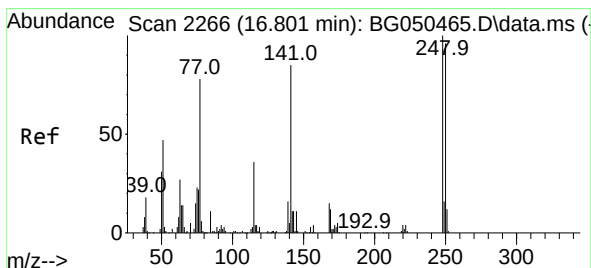
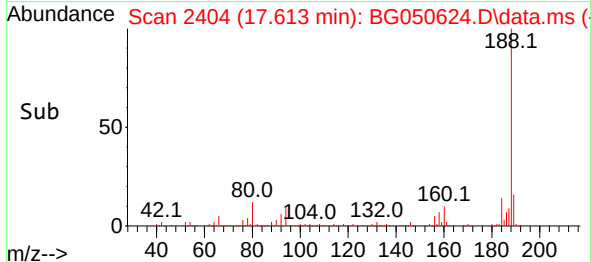
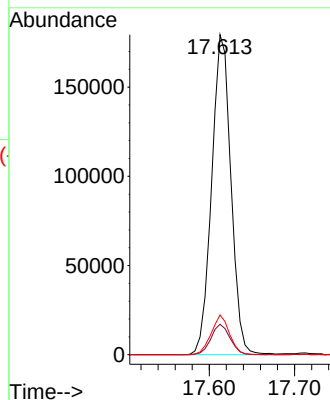
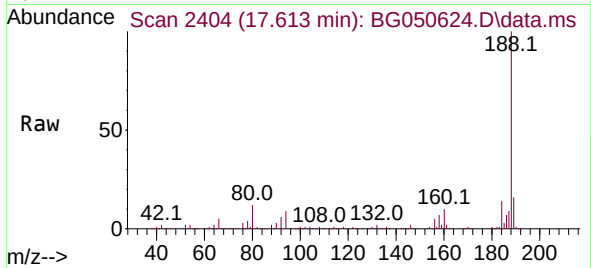




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

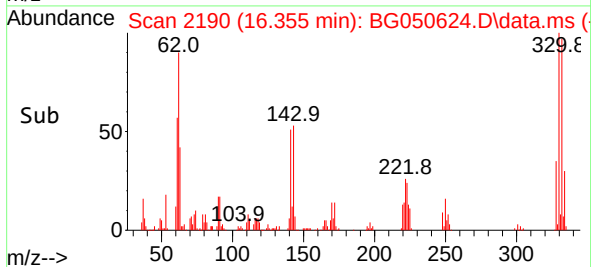
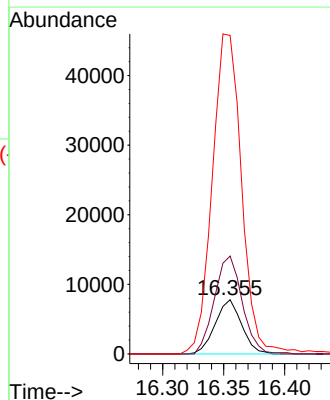
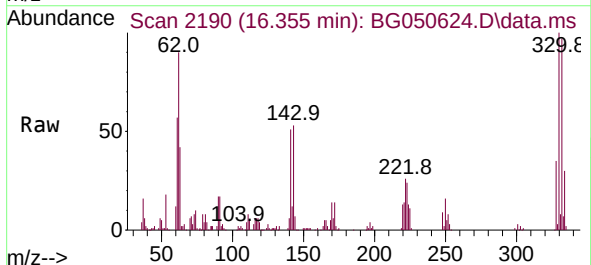
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

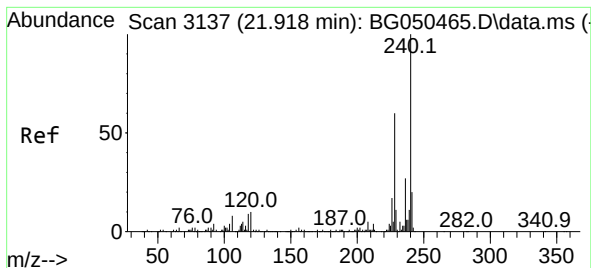
Tgt Ion:188 Resp: 282066
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 12.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.129 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Tgt Ion:248 Resp: 11737
Ion Ratio Lower Upper
248 100
250 180.5 76.1 114.1#
141 586.7 65.4 98.2#

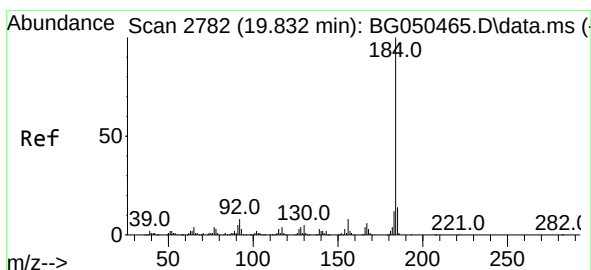
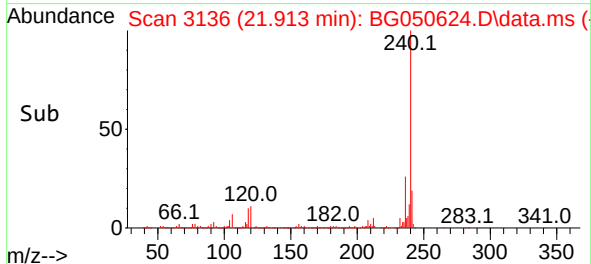
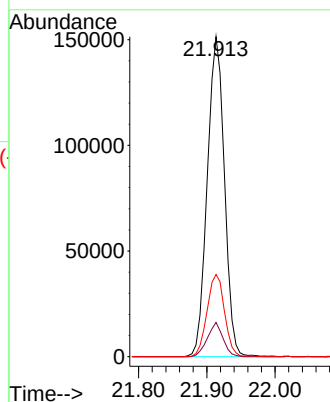
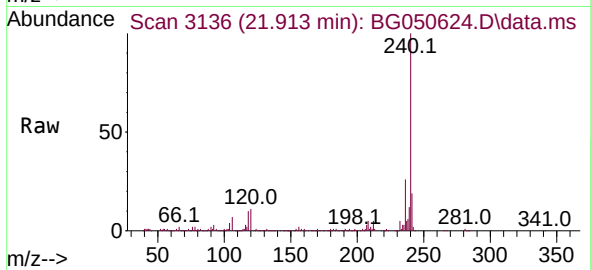




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

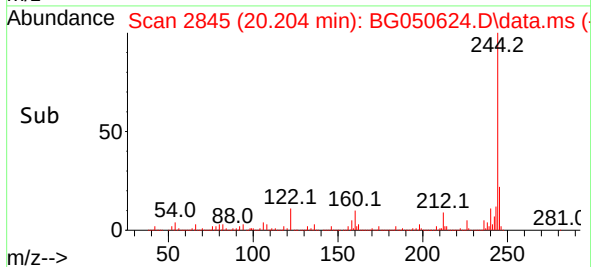
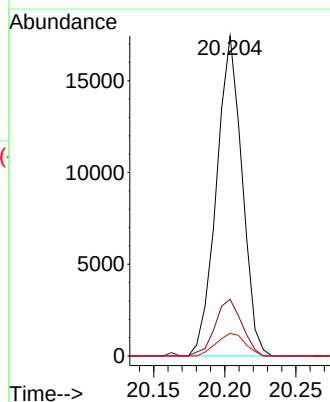
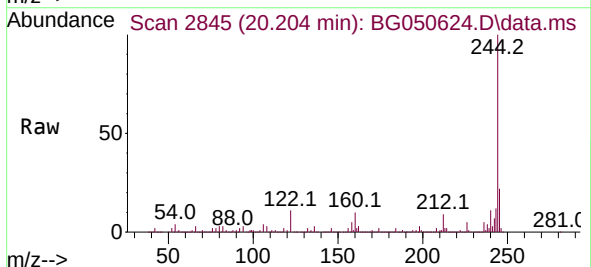
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

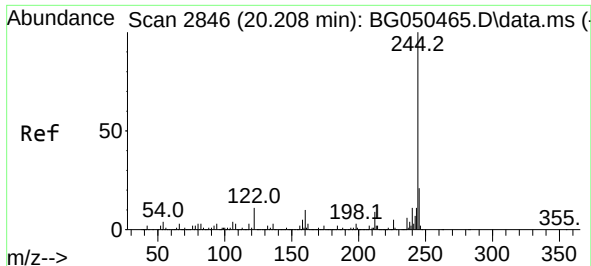
Tgt Ion:240 Resp: 265485
Ion Ratio Lower Upper
240 100
120 10.7 4.2 6.2#
236 25.7 21.8 32.6



#77
Benzidine
Concen: 2.539 ng
RT: 20.204 min Scan# 2845
Delta R.T. 0.371 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Tgt Ion:184 Resp: 21843
Ion Ratio Lower Upper
184 100
185 17.7 10.7 16.1#
183 7.1 9.4 14.0#

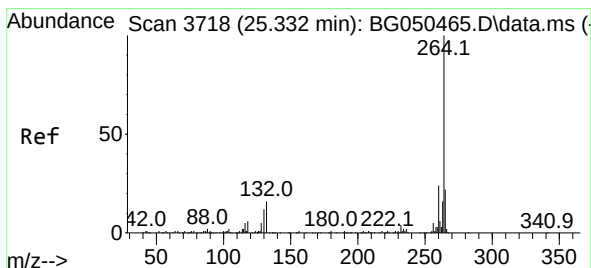
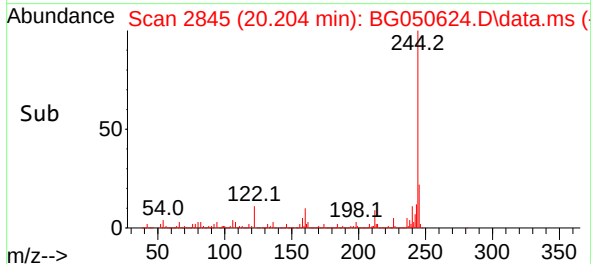
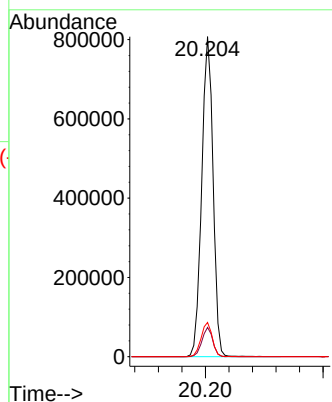
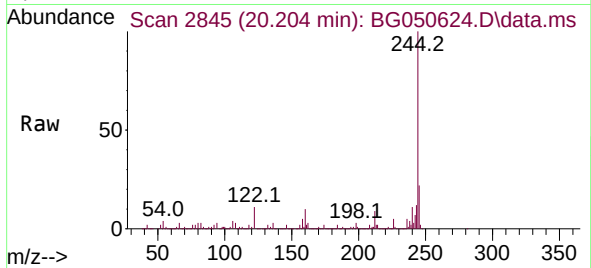




#79
Terphenyl-d14
Concen: 79.346 ng
RT: 20.204 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Instrument :
BNA_G
ClientSampleId :
P287-DITCH

Tgt Ion:244 Resp: 1080924
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 10.7 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.321 min Scan# 3716
Delta R.T. -0.011 min
Lab File: BG050624.D
Acq: 18 Oct 2021 19:34

Tgt Ion:264 Resp: 259988
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.3 16.9 25.3

