

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050480.D
 Acq On : 7 Oct 2021 12:40
 Operator : CG/JU
 Sample : M4077-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-35

Quant Time: Oct 07 14:09:26 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)

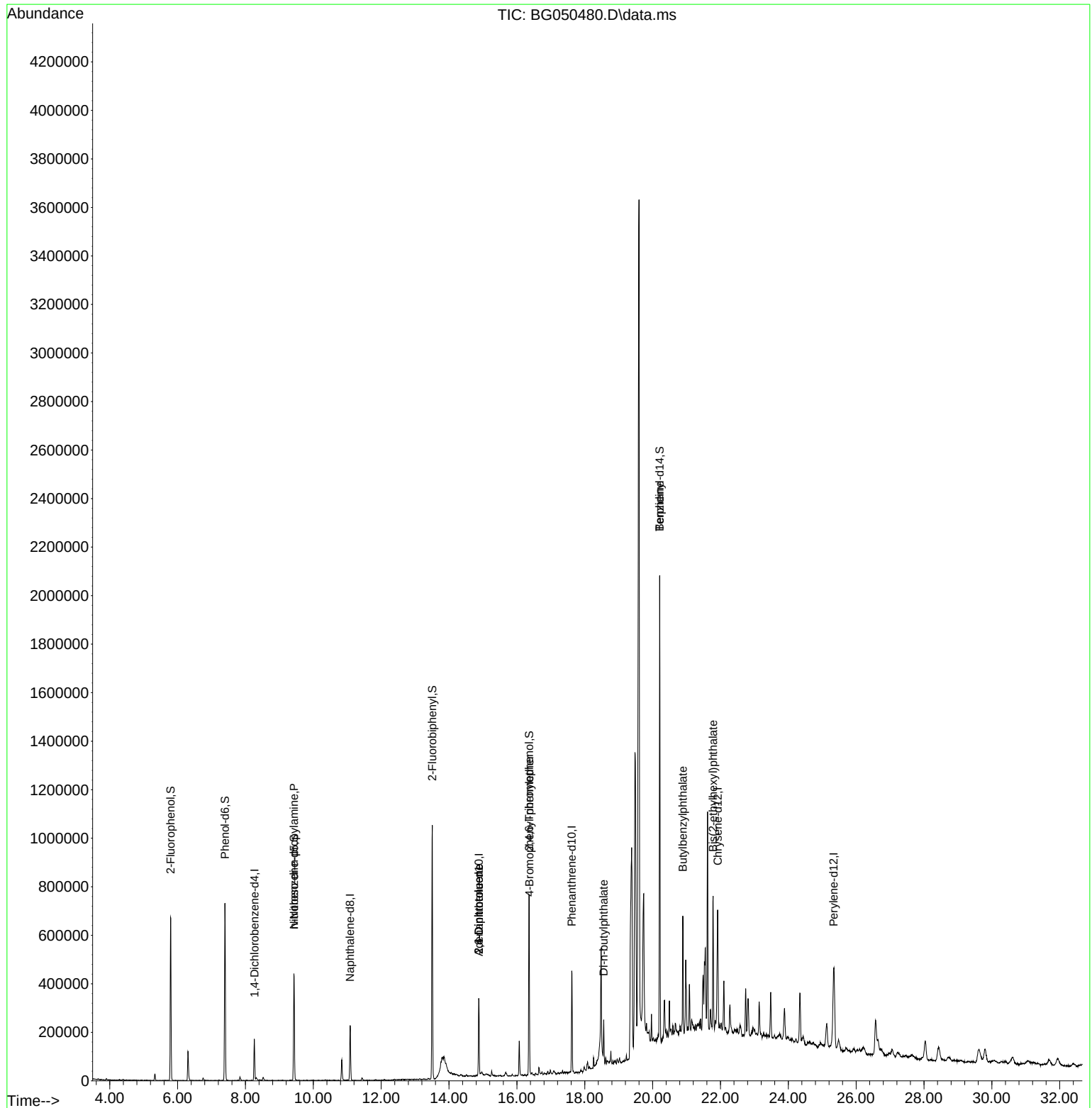
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	44389	20.000	ng	# 0.00
21) Naphthalene-d8	11.085	136	179734	20.000	ng	# 0.00
39) Acenaphthene-d10	14.881	164	112185	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	251715	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	244296	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	251812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	281460	94.828	ng	0.00
7) Phenol-d6	7.395	99	396167	92.190	ng	0.00
23) Nitrobenzene-d5	9.428	82	287062	66.115	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	109221	102.071	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	508601	68.232	ng	0.00
79) Terphenyl-d14	20.210	244	815266	65.036	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.395	77	1064	Below Cal	#	27
19) n-Nitroso-di-n-propyla...	9.428	70	40721	13.001	ng	# 74
51) 2,6-Dinitrotoluene	14.875	165	14373	8.462	ng	# 13
57) 2,4-Dinitrotoluene	14.875	165	14373	6.004	ng	# 18
67) 4-Bromophenyl-phenylether	16.367	248	9140	3.603	ng	# 1
74) Di-n-butylphthalate	18.559	149	115026	7.461	ng	98
77) Benzidine	20.210	184	16209	2.047	ng	# 84
80) Butylbenzylphthalate	20.891	149	140560	19.172	ng	93
84) Bis(2-ethylhexyl)phtha...	21.784	149	247962	23.803	ng	# 96

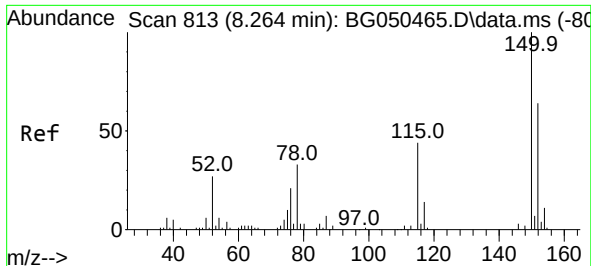
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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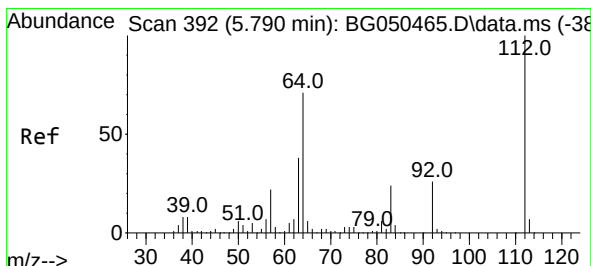
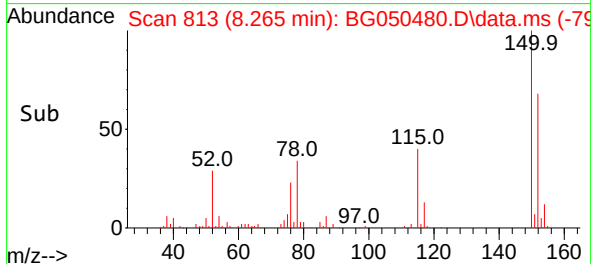
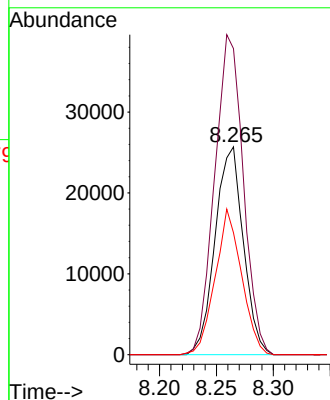
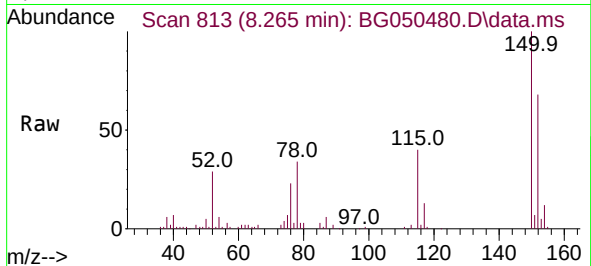




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

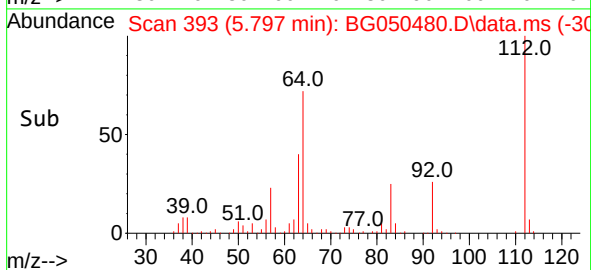
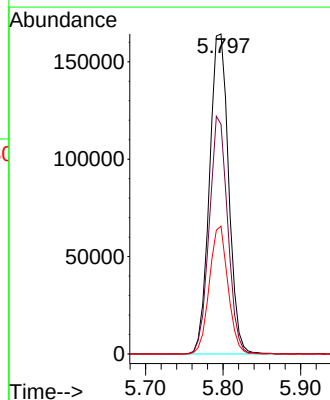
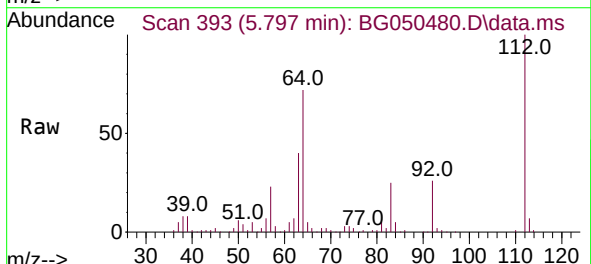
Instrument :
BNA_G
ClientSampled :
CC-35

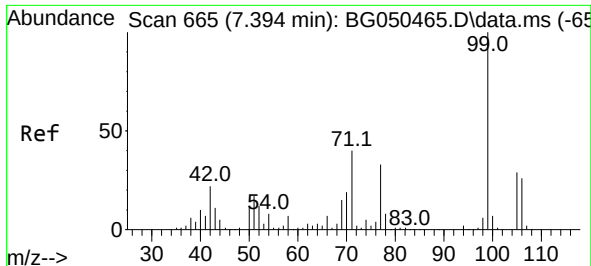
Tgt Ion:152 Resp: 44389
Ion Ratio Lower Upper
152 100
150 147.3 119.4 179.0
115 58.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 94.828 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:112 Resp: 281460
Ion Ratio Lower Upper
112 100
64 71.8 46.7 70.1#
63 39.9 35.3 52.9

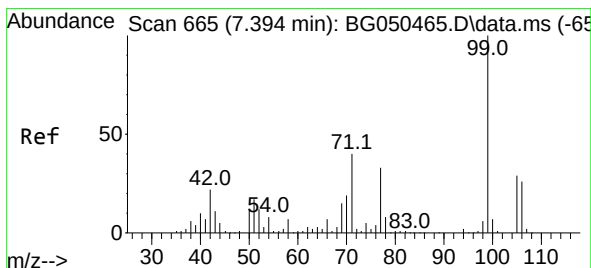
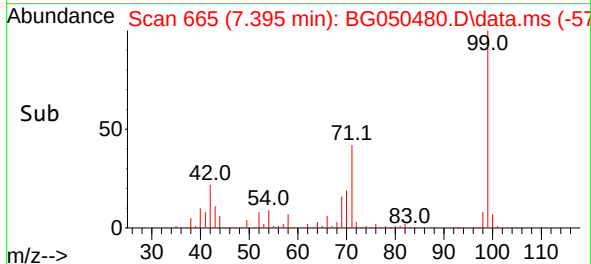
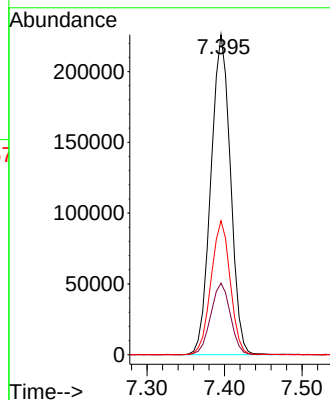
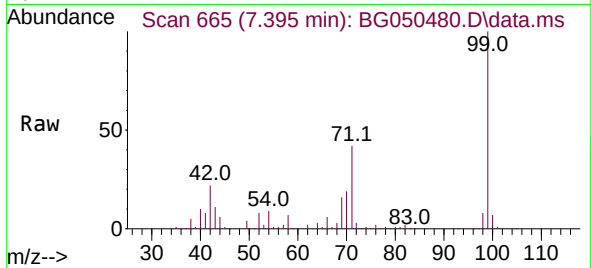




#7
Phenol-d6
Concen: 92.190 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

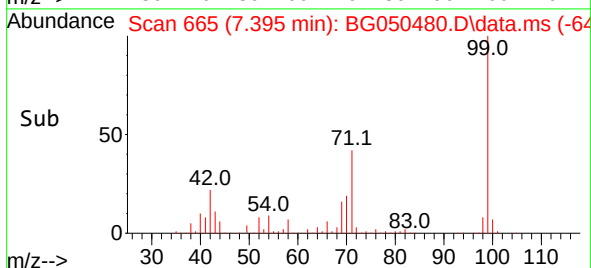
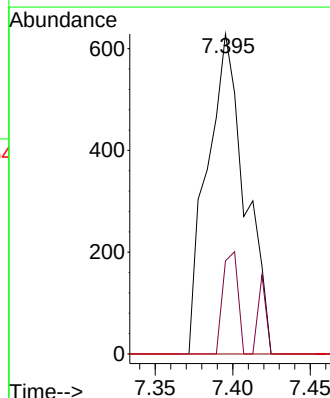
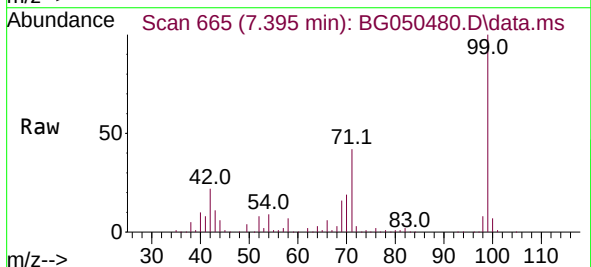
Instrument :
BNA_G
ClientSampled :
CC-35

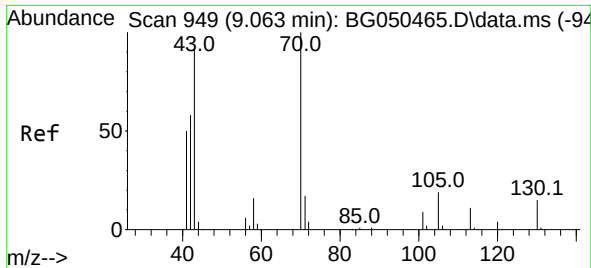
Tgt Ion: 99 Resp: 396167
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 41.8 41.5 62.3



#9
Benzaldehyde
Concen: Below Cal
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion: 77 Resp: 1064
Ion Ratio Lower Upper
77 100
105 29.1 68.8 108.8#
106 0.0 47.9 87.9#

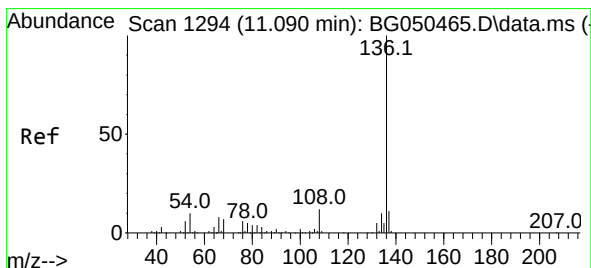
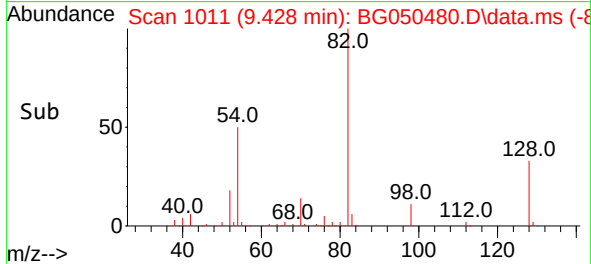
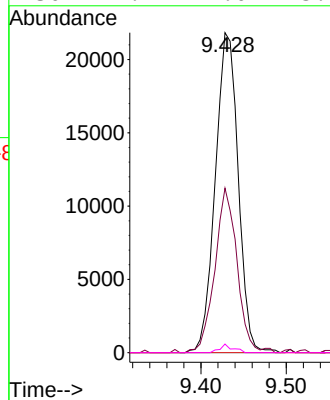
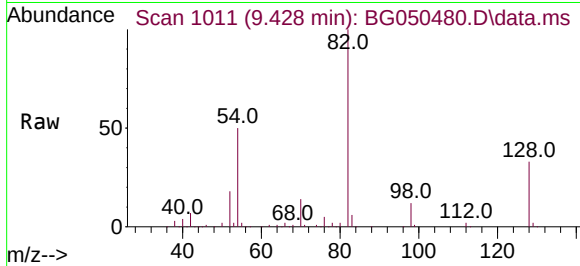




#19
n-Nitroso-di-n-propylamine
Concen: 13.001 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

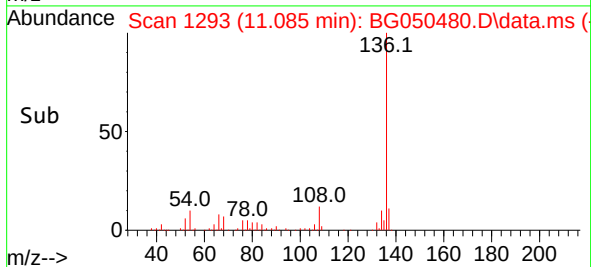
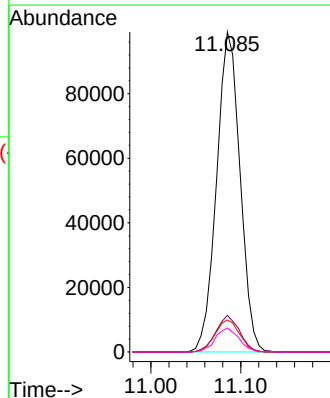
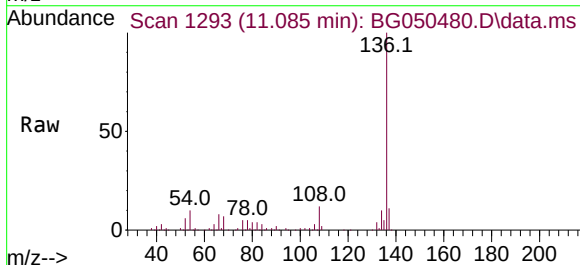
Instrument :
BNA_G
ClientSampled :
CC-35

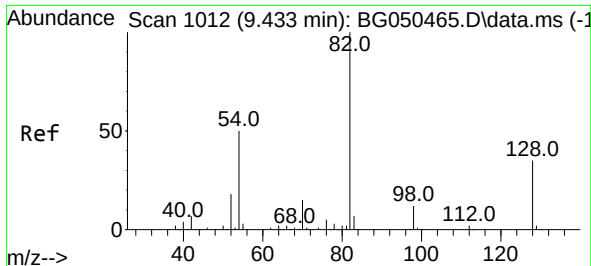
Tgt Ion: 70 Resp: 40721
Ion Ratio Lower Upper
70 100
42 51.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.7 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:136 Resp: 179734
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 10.0 5.5 8.3#
68 7.5 2.3 3.5#

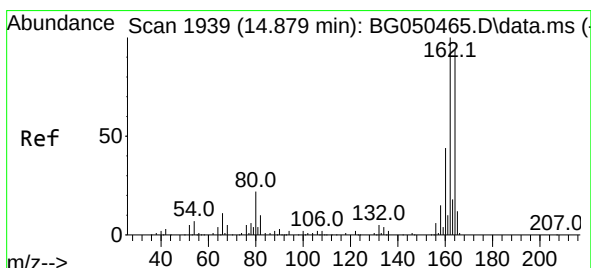
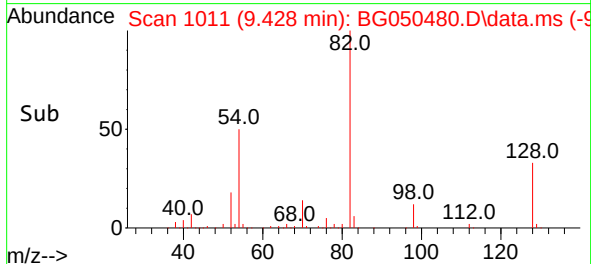
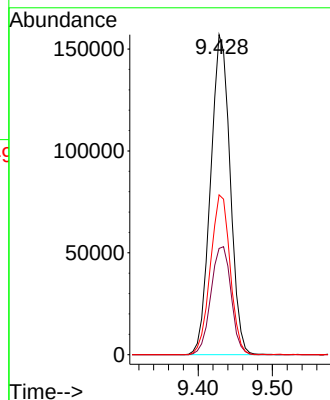
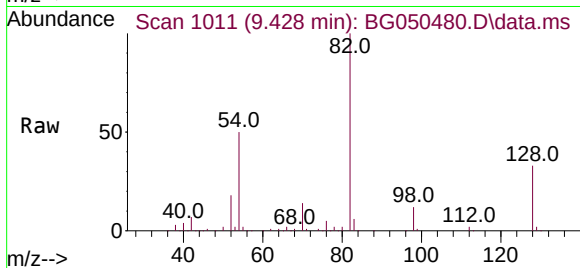




#23
Nitrobenzene-d5
Concen: 66.115 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

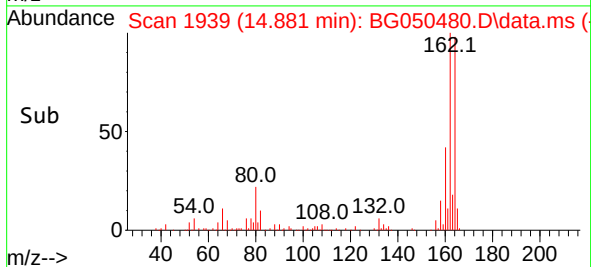
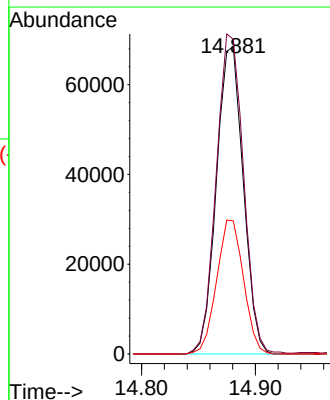
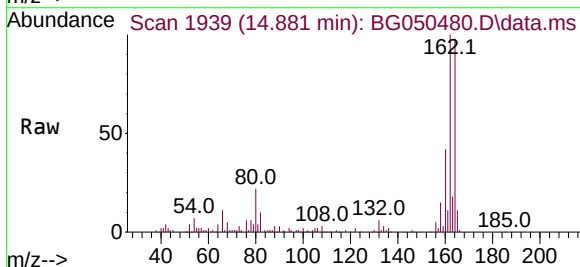
Instrument :
BNA_G
ClientSampled :
CC-35

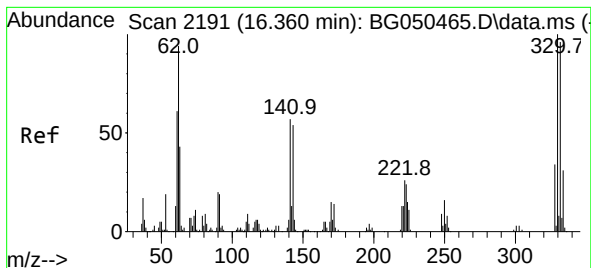
Tgt Ion: 82 Resp: 287062
Ion Ratio Lower Upper
82 100
128 33.2 29.8 44.6
54 50.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:164 Resp: 112185
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 43.3 34.9 52.3

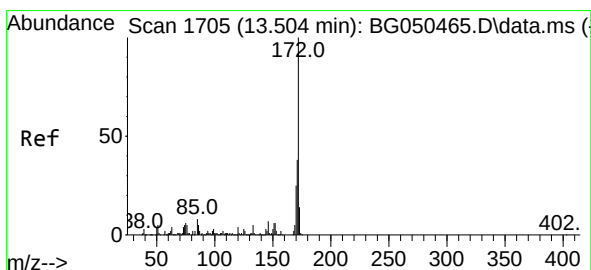
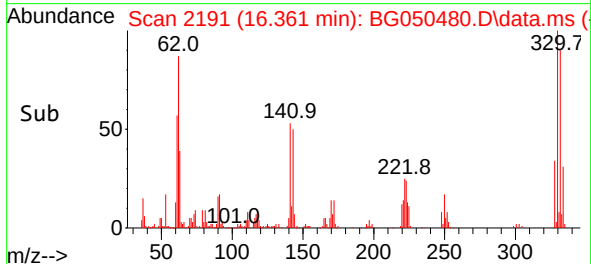
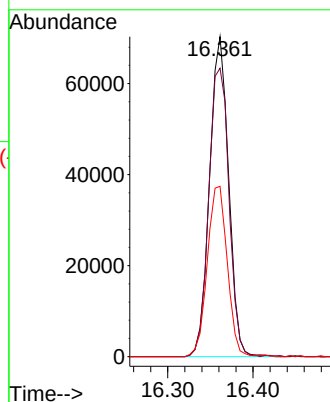
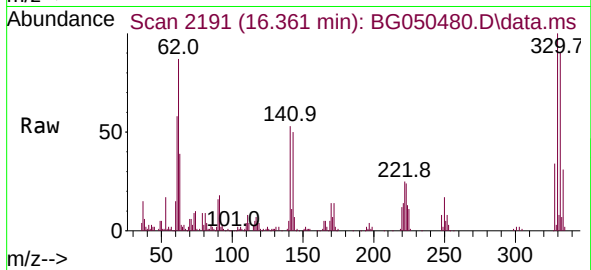




#42
2,4,6-Tribromophenol
Concen: 102.071 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

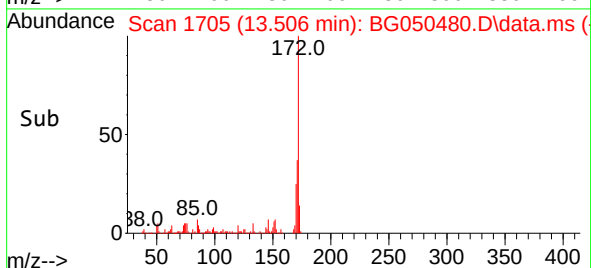
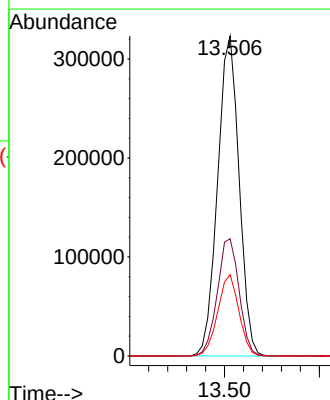
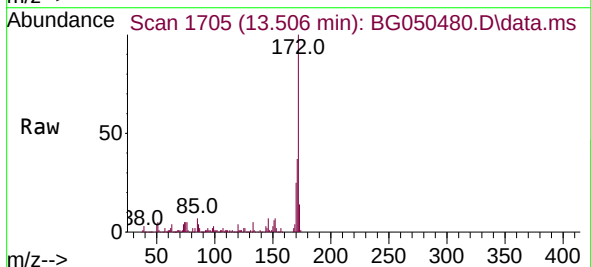
Instrument :
BNA_G
ClientSampleId :
CC-35

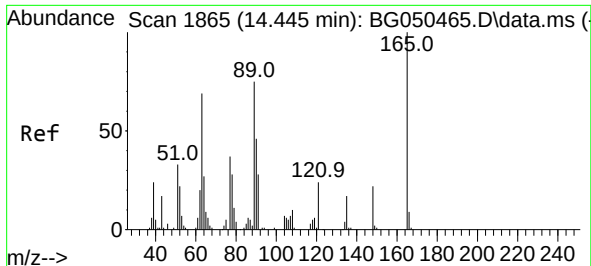
Tgt Ion:330 Resp: 109221
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 55.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 68.232 ng
RT: 13.506 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:172 Resp: 508601
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.4 18.6 27.8

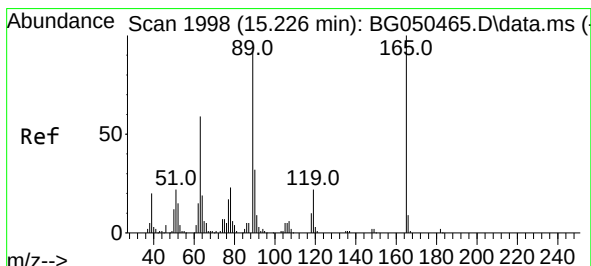
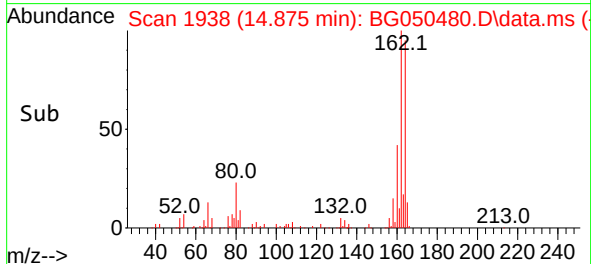
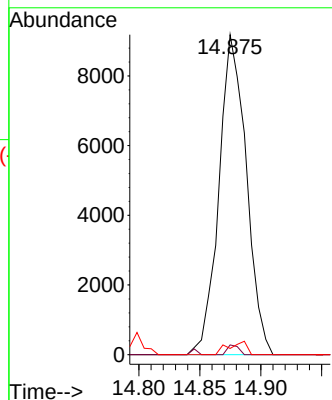
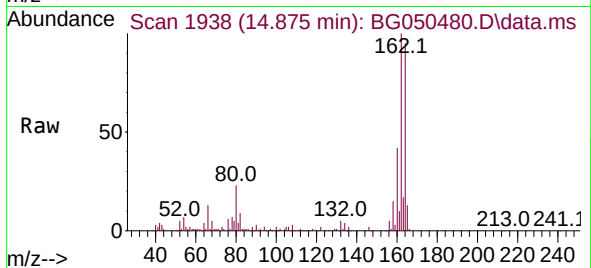




#51
2,6-Dinitrotoluene
Concen: 8.462 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

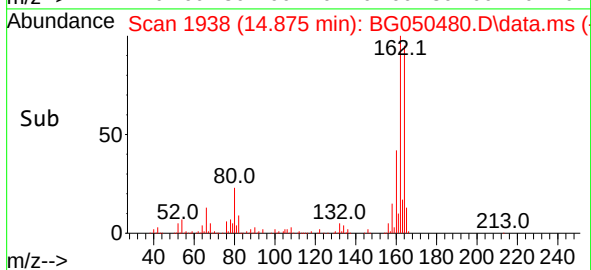
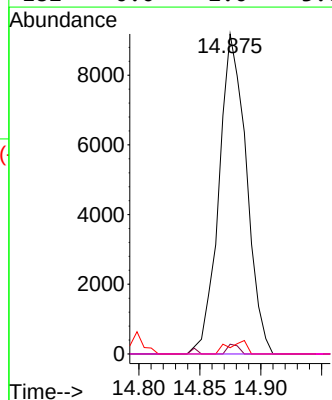
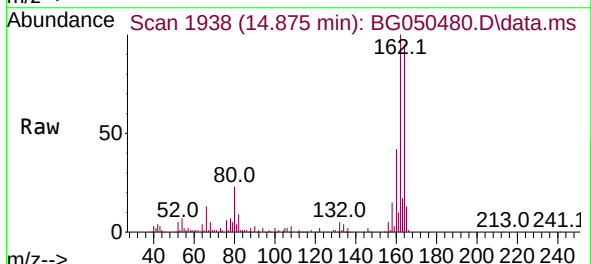
Instrument :
BNA_G
ClientSampled :
CC-35

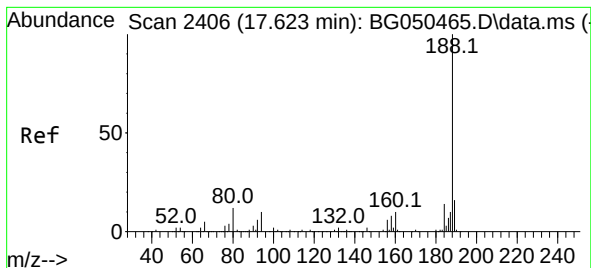
Tgt Ion:165 Resp: 14373
Ion Ratio Lower Upper
165 100
63 3.0 63.3 94.9#
89 1.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.004 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:165 Resp: 14373
Ion Ratio Lower Upper
165 100
63 3.0 48.0 72.0#
89 1.9 65.4 98.0#
182 0.0 2.0 3.0#

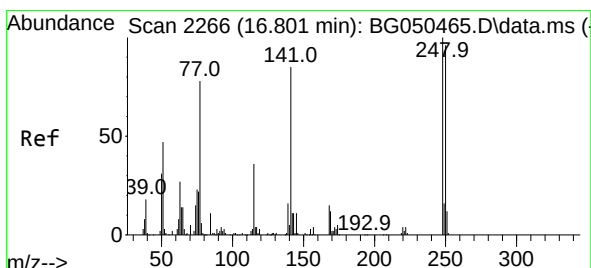
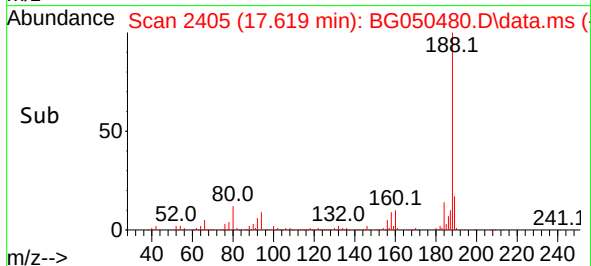
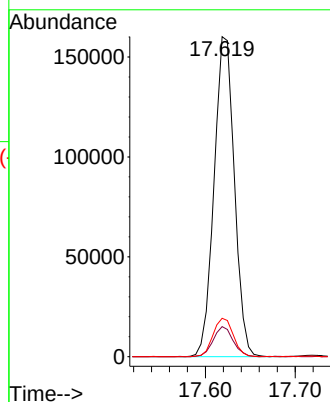
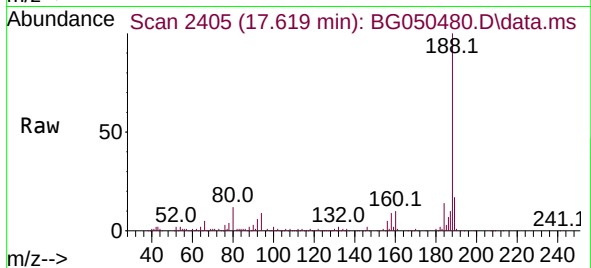




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

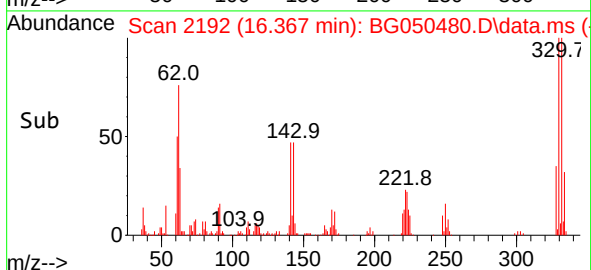
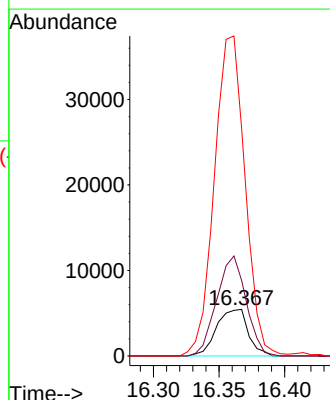
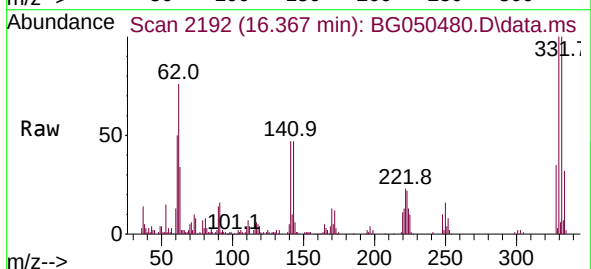
Instrument :
BNA_G
ClientSampled :
CC-35

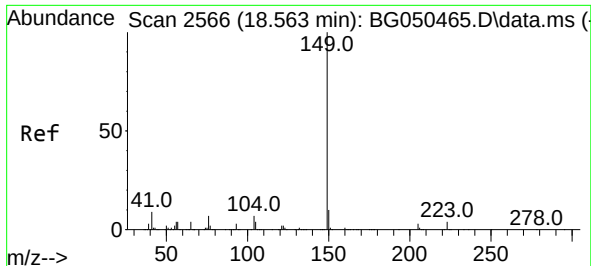
Tgt Ion:188 Resp: 251715
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 12.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.603 ng
RT: 16.367 min Scan# 2192
Delta R.T. -0.433 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:248 Resp: 9140
Ion Ratio Lower Upper
248 100
250 162.4 76.1 114.1#
141 488.5 65.4 98.2#

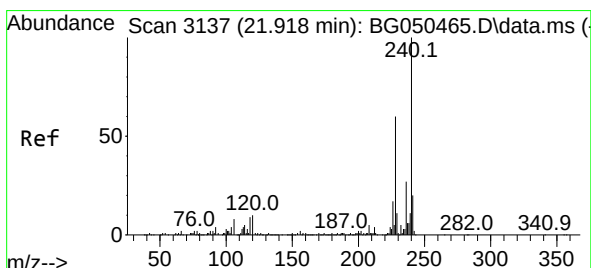
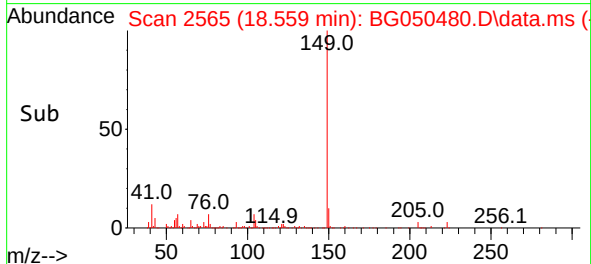
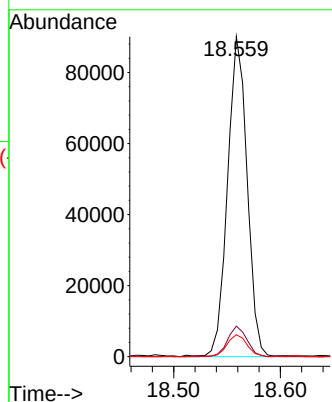
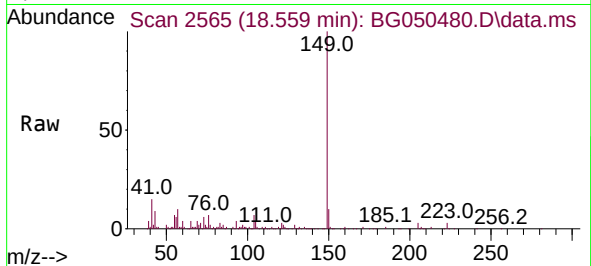




#74
Di-n-butylphthalate
Concen: 7.461 ng
RT: 18.559 min Scan# 2565
Delta R.T. -0.005 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

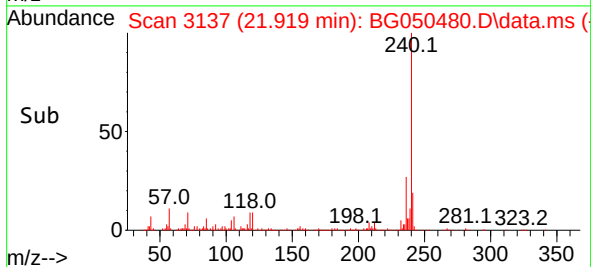
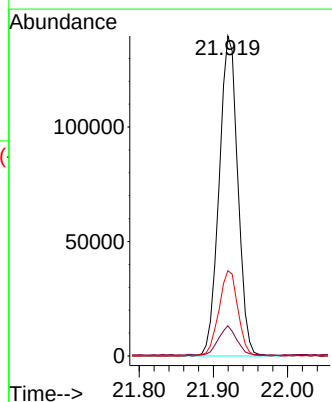
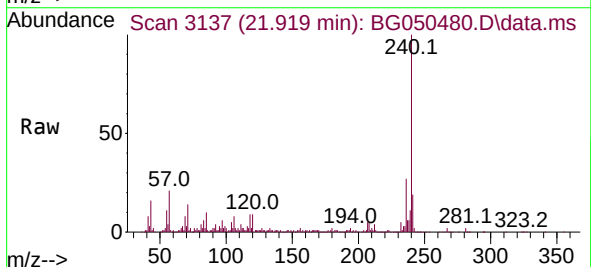
Instrument :
BNA_G
ClientSampled :
CC-35

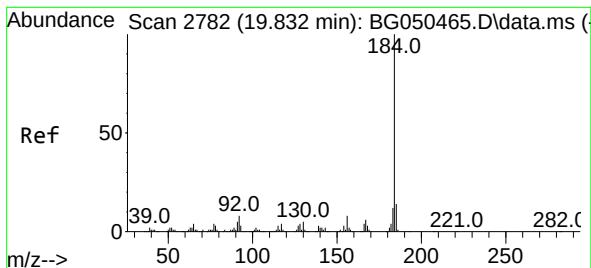
Tgt Ion:149 Resp: 115026
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 6.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:240 Resp: 244296
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 26.6 21.8 32.6





#77

Benzidine

Concen: 2.047 ng

RT: 20.210 min Scan# 2846

Delta R.T. 0.377 min

Lab File: BG050480.D

Acq: 7 Oct 2021 12:40

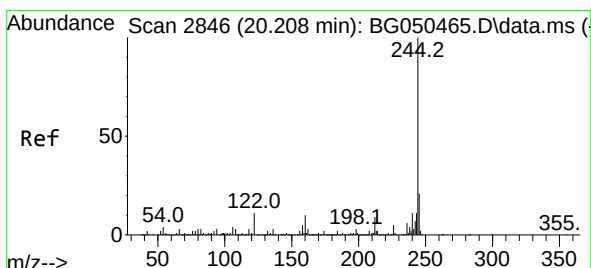
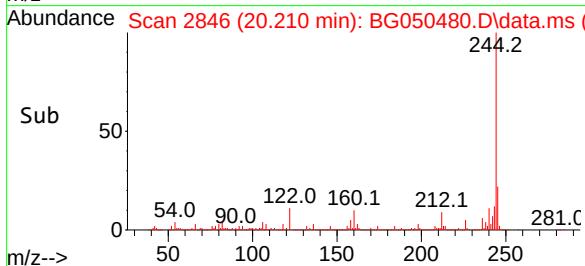
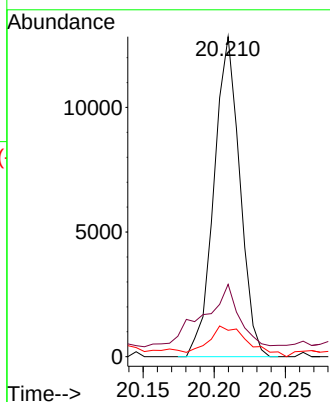
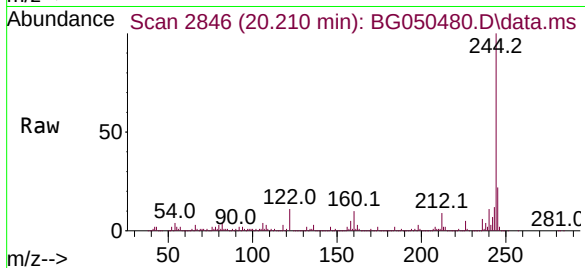
Instrument :

BNA_G

ClientSampleId :

CC-35

Tgt Ion:184	Resp:	16209
Ion Ratio	Lower	Upper
184	100	
185	22.6	10.7 16.1#
183	8.3	9.4 14.0#



#79

Terphenyl-d14

Concen: 65.036 ng

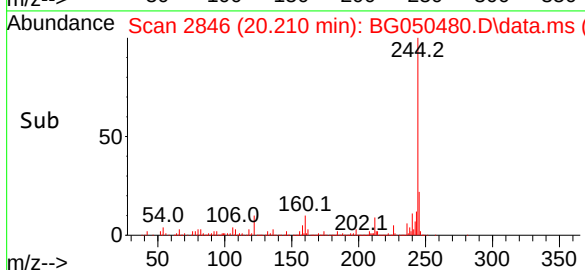
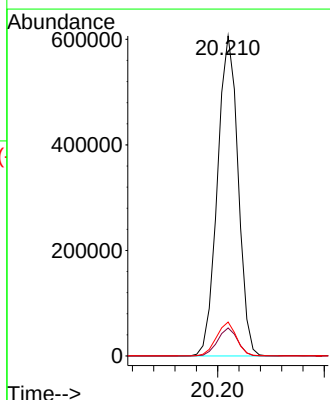
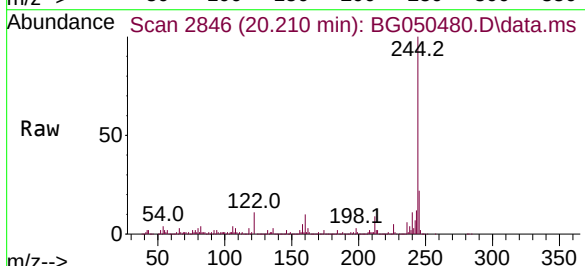
RT: 20.210 min Scan# 2846

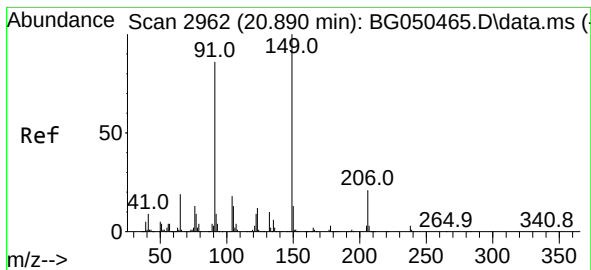
Delta R.T. 0.001 min

Lab File: BG050480.D

Acq: 7 Oct 2021 12:40

Tgt Ion:244	Resp:	815266
Ion Ratio	Lower	Upper
244	100	
212	8.8	6.9 10.3
122	10.6	5.0 7.6#

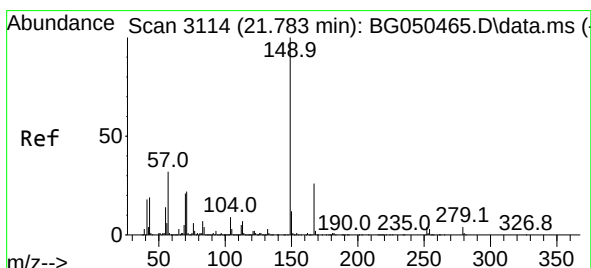
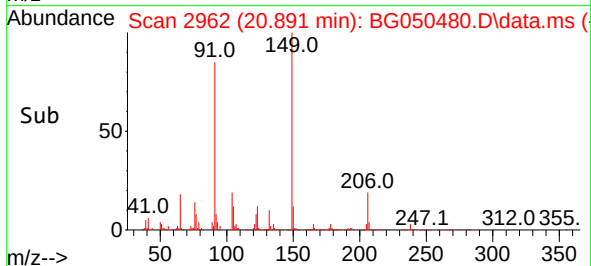
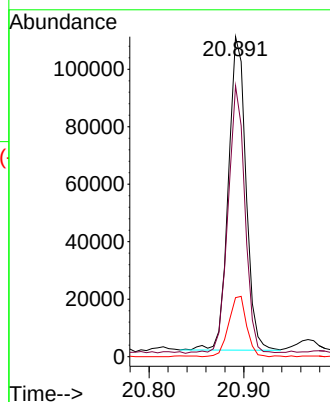
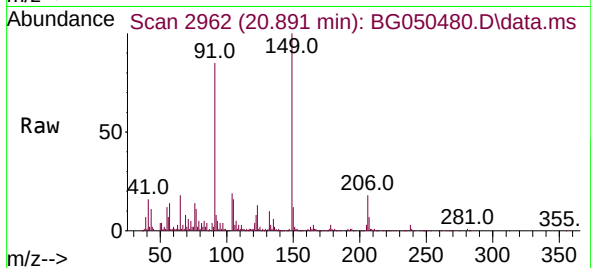




#80
Butylbenzylphthalate
Concen: 19.172 ng
RT: 20.891 min Scan# 2962
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

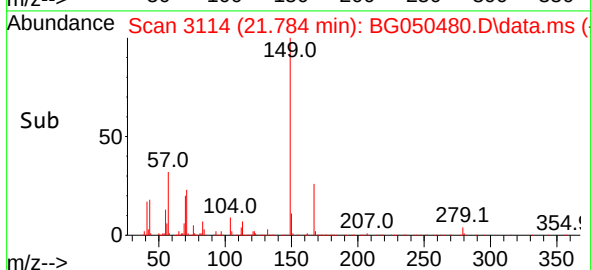
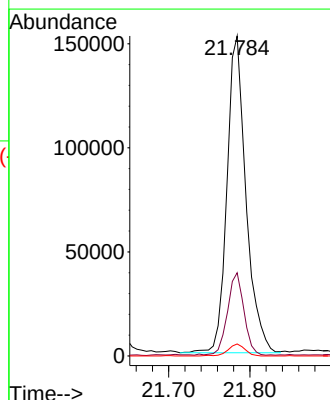
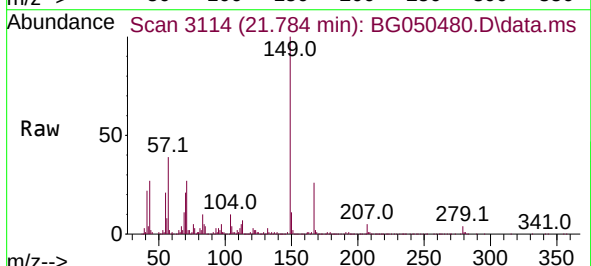
Instrument :
BNA_G
ClientSampleId :
CC-35

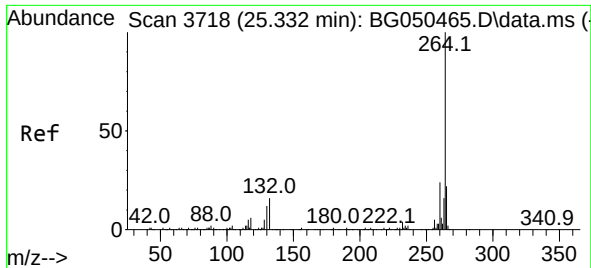
Tgt Ion:149 Resp: 140560
Ion Ratio Lower Upper
149 100
91 84.6 63.4 95.2
206 18.4 18.4 27.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.803 ng
RT: 21.784 min Scan# 3114
Delta R.T. 0.001 min
Lab File: BG050480.D
Acq: 7 Oct 2021 12:40

Tgt Ion:149 Resp: 247962
Ion Ratio Lower Upper
149 100
167 26.0 22.3 33.5
279 3.7 3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050480.D
 Acq: 7 Oct 2021 12:40

Instrument :
 BNA_G
 ClientSampleId :
 CC-35

Tgt Ion:	264	Resp:	251812
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.2
265	21.9	16.9	25.3

