

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050780.D
 Acq On : 29 Oct 2021 16:37
 Operator : CG/JU
 Sample : M4378-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHAR-(EXCESS)

Quant Time: Oct 29 18:51:55 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)

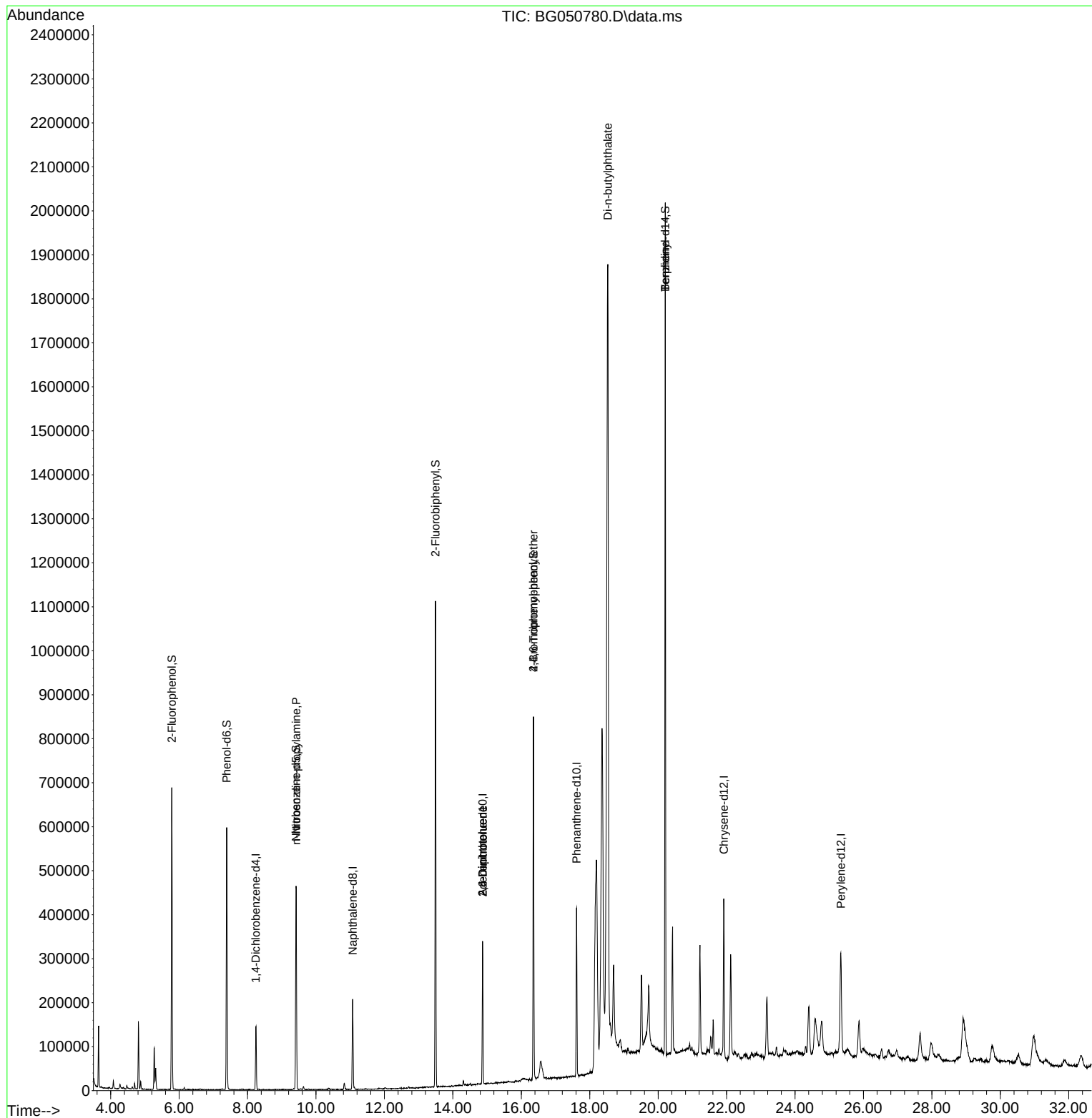
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	39006	20.000	ng	-0.02
21) Naphthalene-d8	11.073	136	169625	20.000	ng	#-0.01
39) Acenaphthene-d10	14.869	164	109482	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	239470	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	224652	20.000	ng	# 0.00
86) Perylene-d12	25.339	264	222726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	284797	109.194	ng	0.00
7) Phenol-d6	7.389	99	334612	88.612	ng	-0.01
23) Nitrobenzene-d5	9.416	82	305011	74.436	ng	-0.01
42) 2,4,6-Tribromophenol	16.355	330	124677	119.392	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	532982	73.268	ng	-0.01
79) Terphenyl-d14	20.210	244	860543	74.651	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.389	77	764	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.422	70	43182	15.689	ng	# 68
51) 2,6-Dinitrotoluene	14.869	165	14688	8.861	ng	# 12
57) 2,4-Dinitrotoluene	14.869	165	14688	6.287	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	9957	4.126	ng	# 1
74) Di-n-butylphthalate	18.529	149	1633001	111.339	ng	# 87
77) Benzidine	20.210	184	16456	2.260	ng	# 86

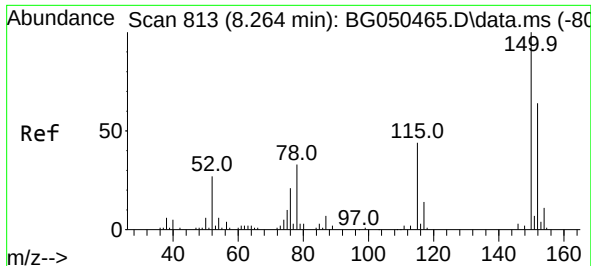
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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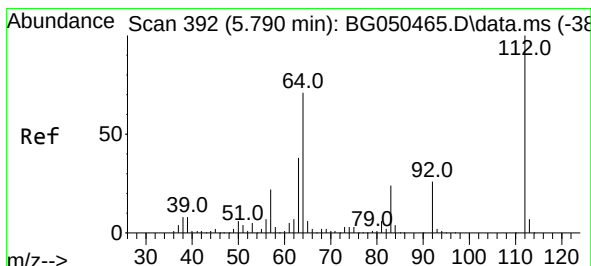
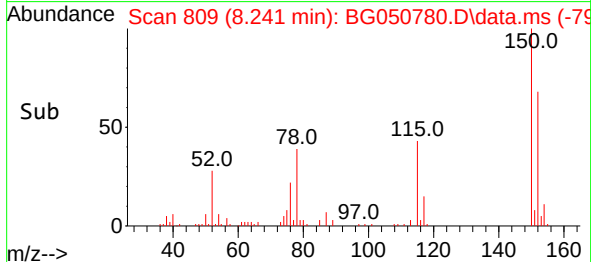
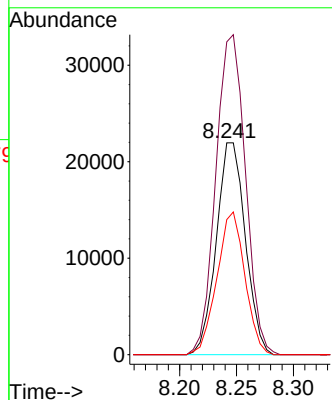
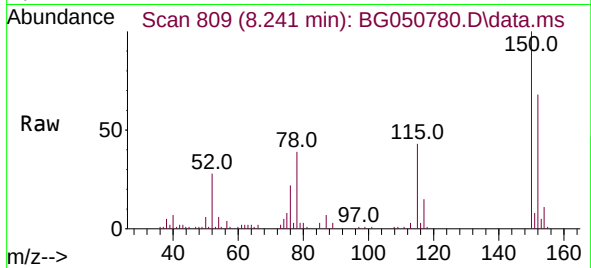




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.241 min Scan# 809
Delta R.T. -0.017 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

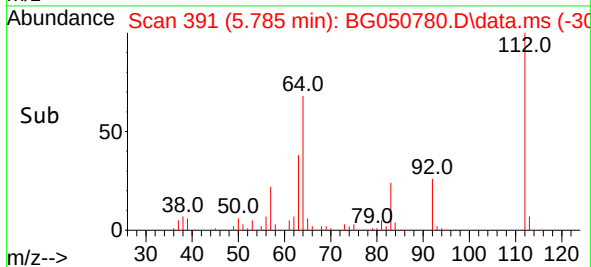
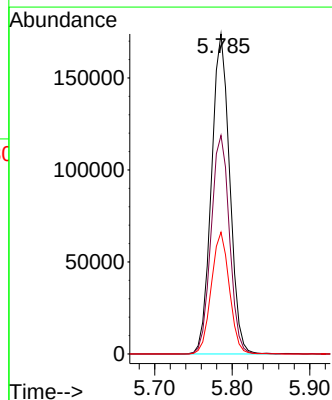
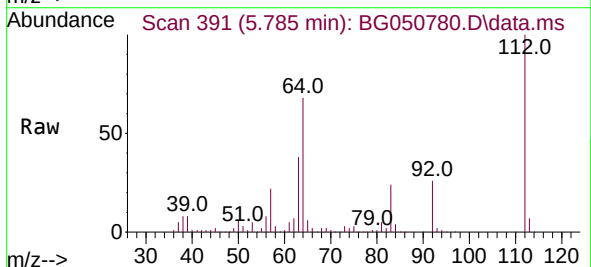
Instrument :
BNA_F
ClientSampleId :
WASTE-CHAR-(EXCESS)

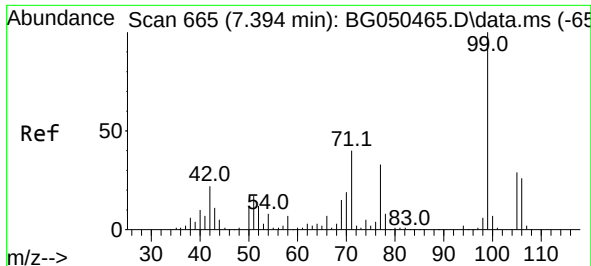
Tgt Ion:152 Resp: 39006
Ion Ratio Lower Upper
152 100
150 147.6 119.4 179.0
115 63.7 60.2 90.4



#5
2-Fluorophenol
Concen: 109.194 ng
RT: 5.785 min Scan# 391
Delta R.T. -0.005 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

Tgt Ion:112 Resp: 284797
Ion Ratio Lower Upper
112 100
64 68.3 46.7 70.1
63 38.0 35.3 52.9

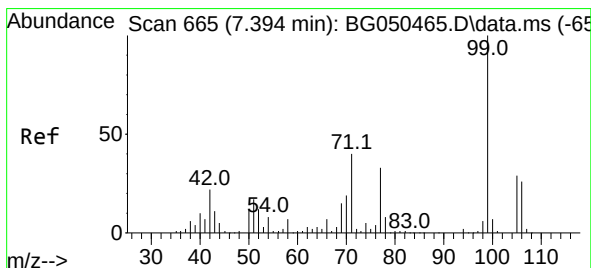
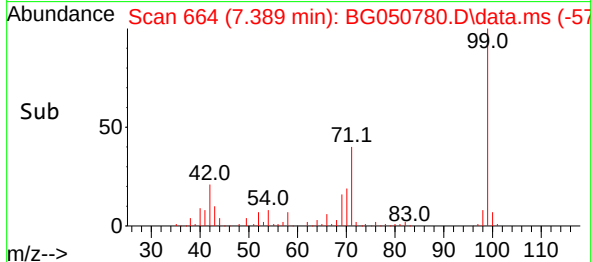
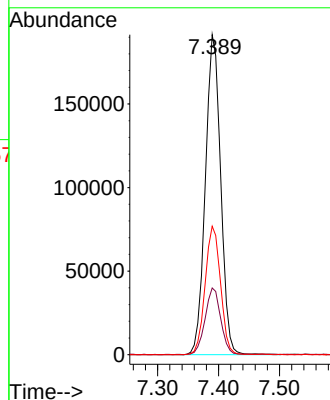
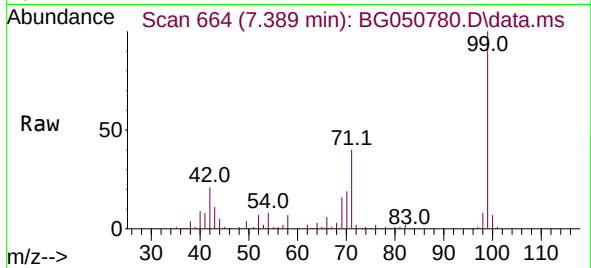




#7
Phenol-d6
Concen: 88.612 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.011 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

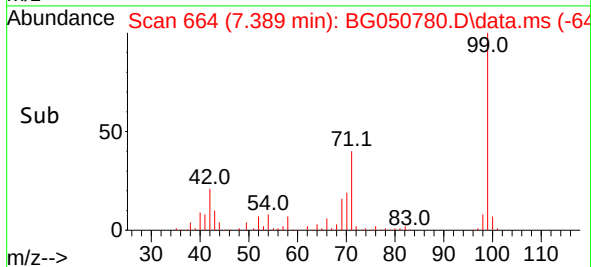
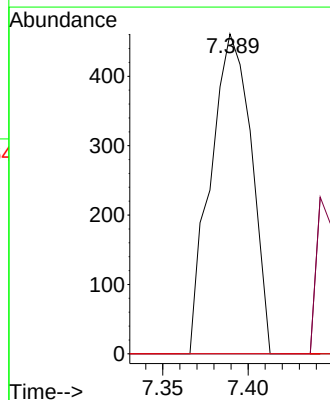
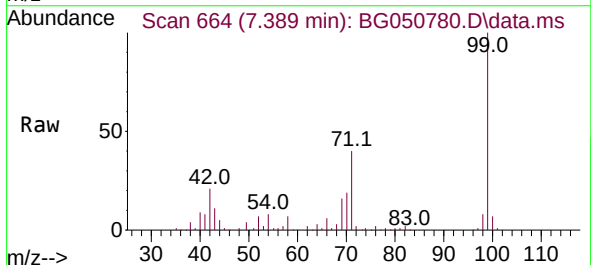
Instrument :
BNA_F
ClientSampleId :
WASTE-CHAR-(EXCESS)

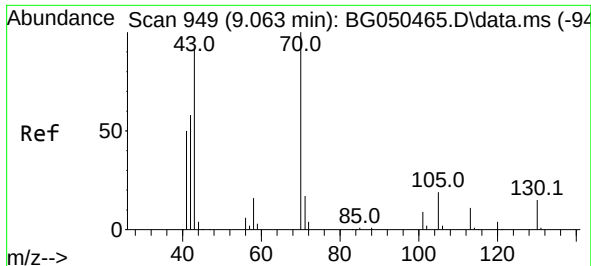
Tgt Ion: 99 Resp: 334612
Ion Ratio Lower Upper
99 100
42 20.8 20.5 30.7
71 40.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. 0.001 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

Tgt Ion: 77 Resp: 764
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

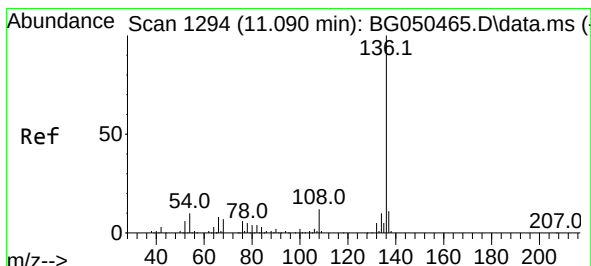
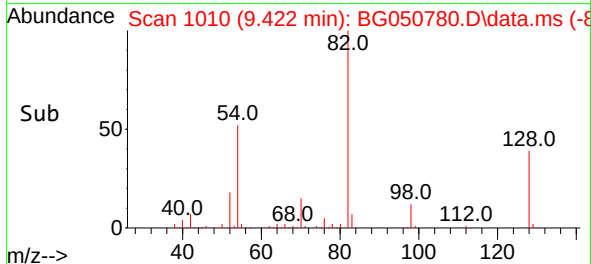
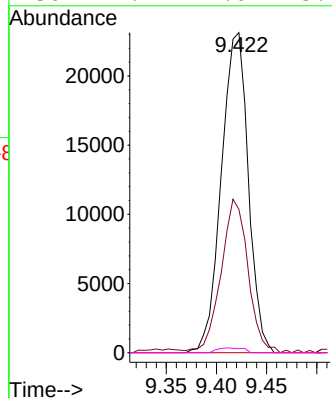
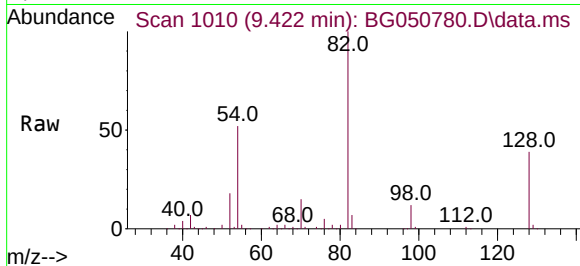




#19
n-Nitroso-di-n-propylamine
Concen: 15.689 ng
RT: 9.422 min Scan# 1010
Delta R.T. 0.365 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

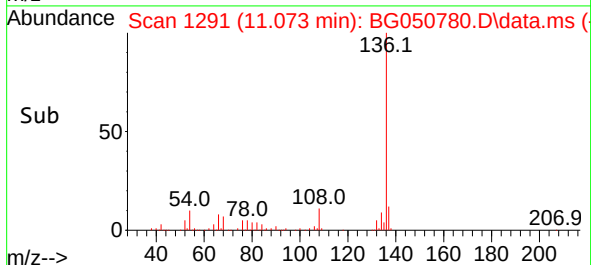
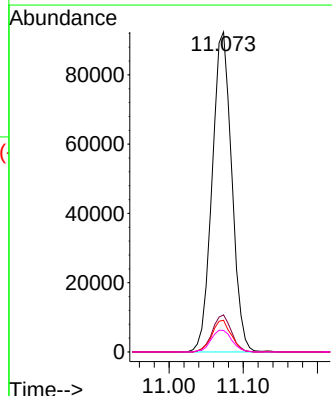
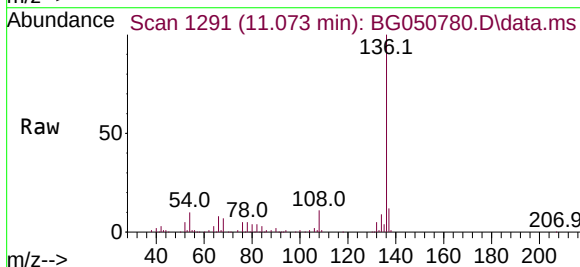
Instrument :
BNA_F
ClientSampleId :
WASTE-CHAR-(EXCESS)

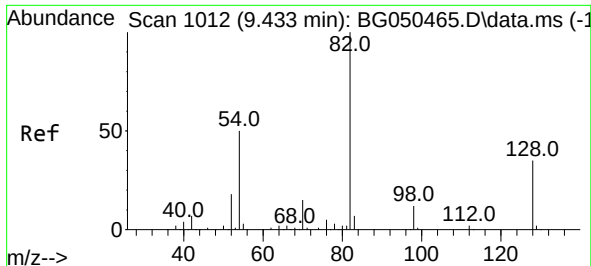
Tgt Ion: 70 Resp: 43182
Ion Ratio Lower Upper
70 100
42 44.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

Tgt Ion:136 Resp: 169625
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 9.9 5.5 8.3#
68 6.7 2.3 3.5#

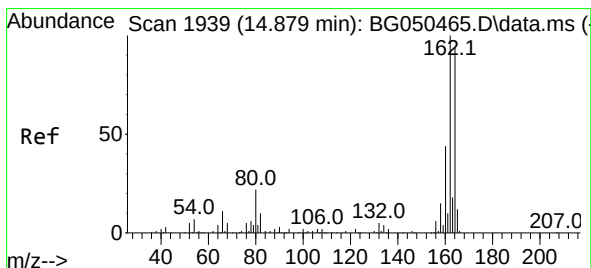
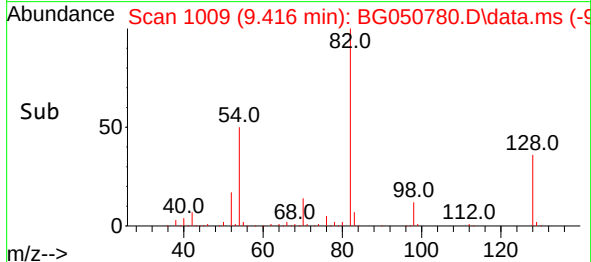
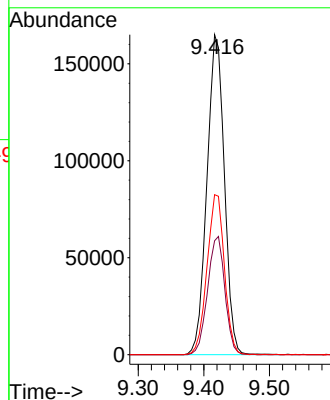
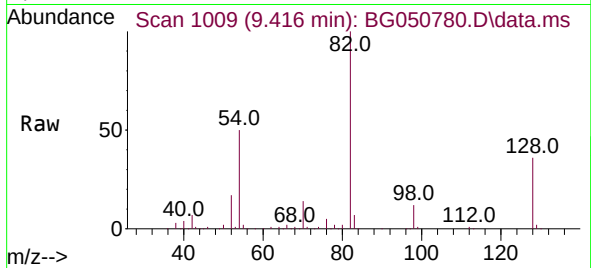




#23
Nitrobenzene-d5
Concen: 74.436 ng
RT: 9.416 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

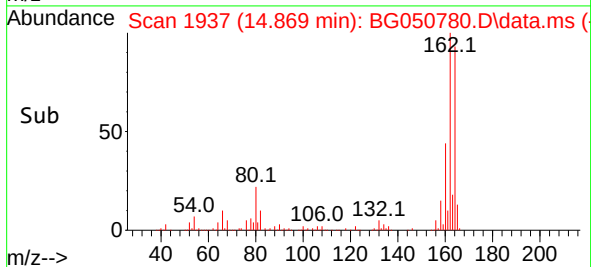
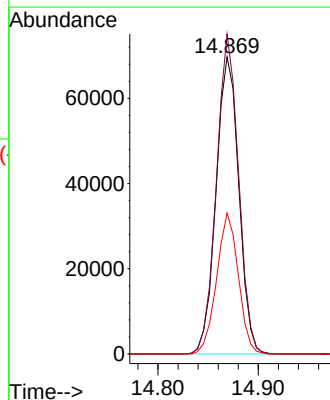
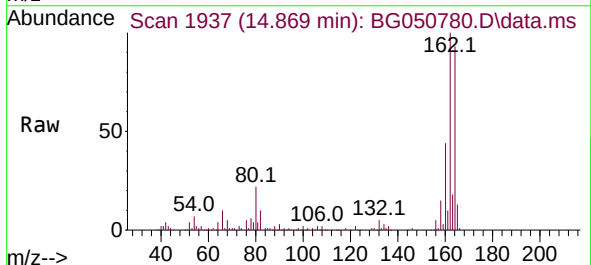
Instrument :
BNA_F
ClientSampleId :
WASTE-CHAR-(EXCESS)

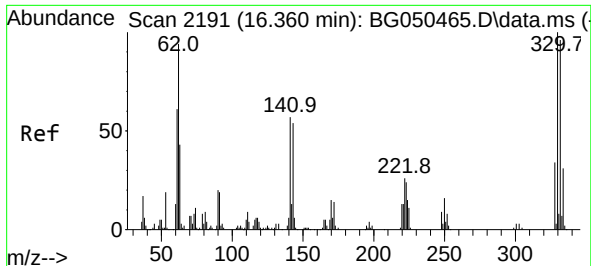
Tgt Ion: 82 Resp: 305011
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 50.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.005 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

Tgt Ion:164 Resp: 109482
Ion Ratio Lower Upper
164 100
162 107.7 81.4 122.0
160 47.4 34.9 52.3

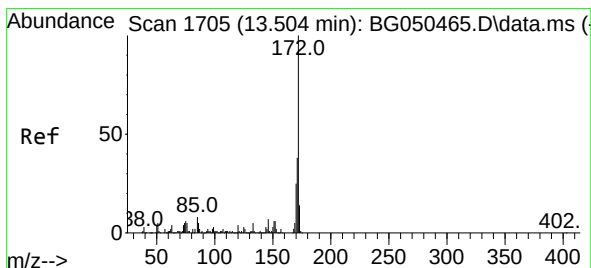
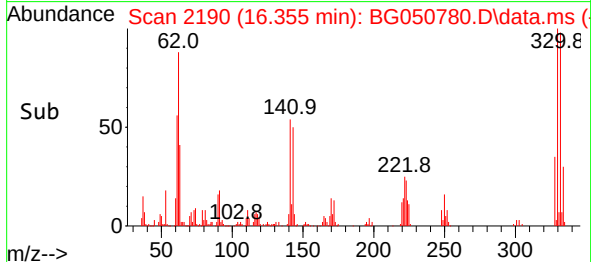
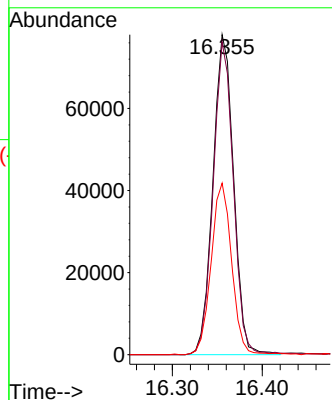
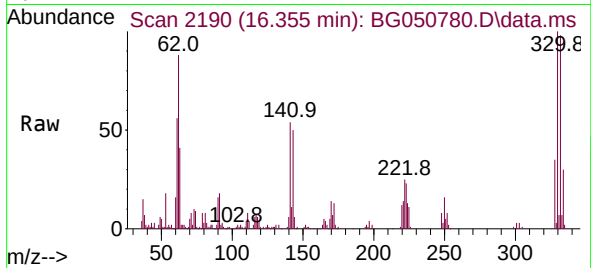




#42
 2,4,6-Tribromophenol
 Concen: 119.392 ng
 RT: 16.355 min Scan# 2190
 Delta R.T. -0.005 min
 Lab File: BG050780.D
 Acq: 29 Oct 2021 16:37

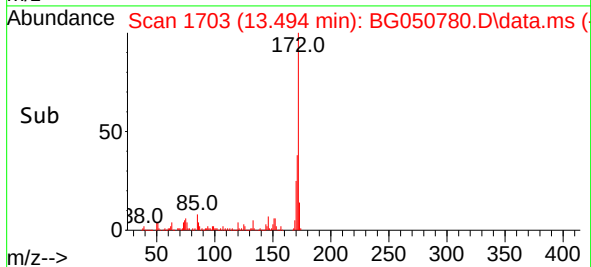
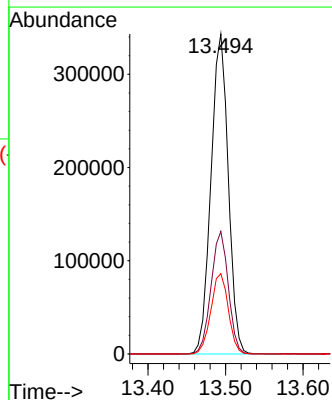
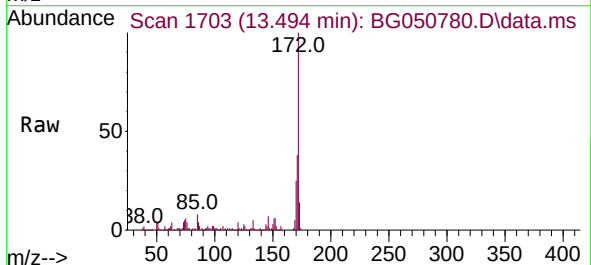
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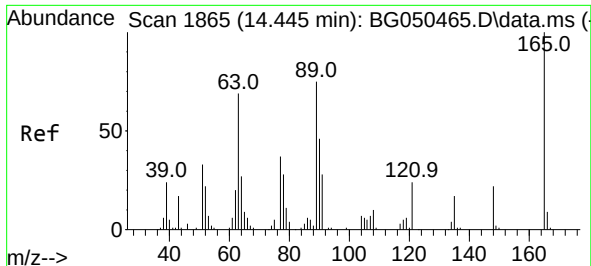
Tgt Ion:330 Resp: 124677
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 53.3 35.6 53.4



#45
 2-Fluorobiphenyl
 Concen: 73.268 ng
 RT: 13.494 min Scan# 1703
 Delta R.T. -0.011 min
 Lab File: BG050780.D
 Acq: 29 Oct 2021 16:37

Tgt Ion:172 Resp: 532982
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.6 43.0
 170 25.1 18.6 27.8

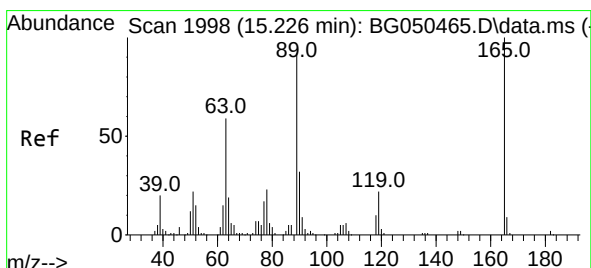
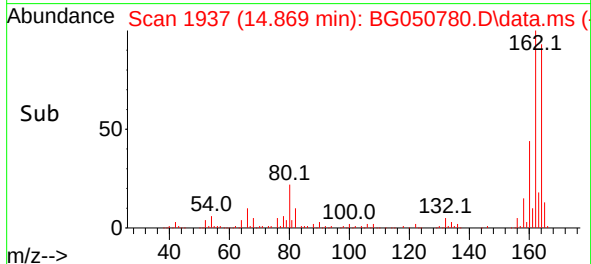
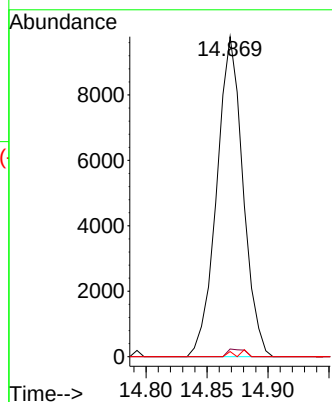
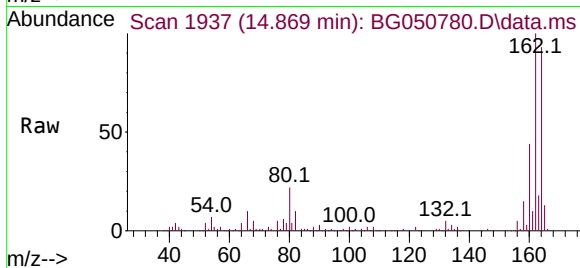




#51
2,6-Dinitrotoluene
Concen: 8.861 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.424 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

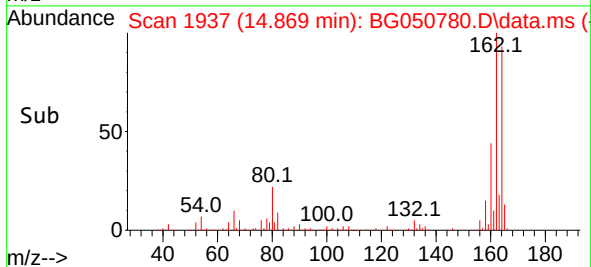
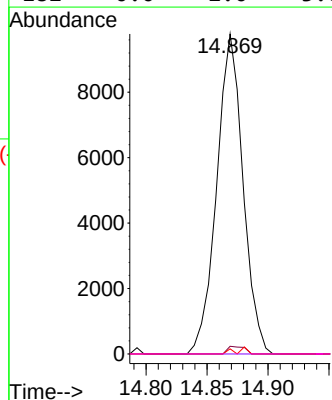
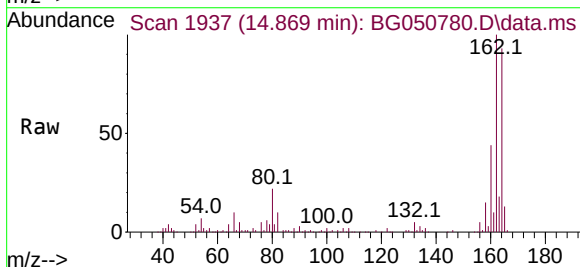
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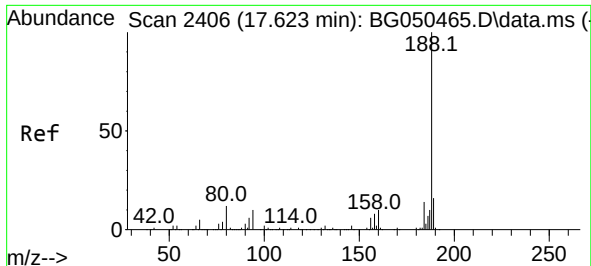
Tgt Ion:165 Resp: 14688
Ion Ratio Lower Upper
165 100
63 2.4 63.3 94.9#
89 1.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.287 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.358 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

Tgt Ion:165 Resp: 14688
Ion Ratio Lower Upper
165 100
63 2.4 48.0 72.0#
89 1.6 65.4 98.0#
182 0.0 2.0 3.0#

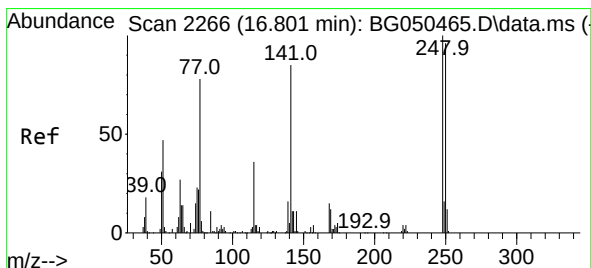
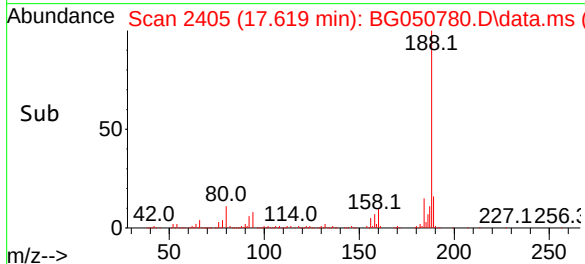
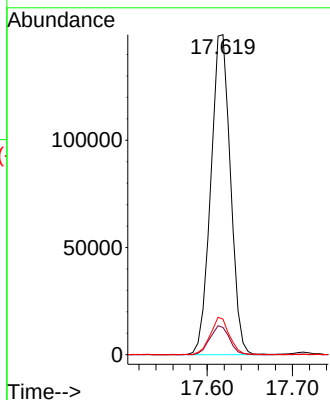
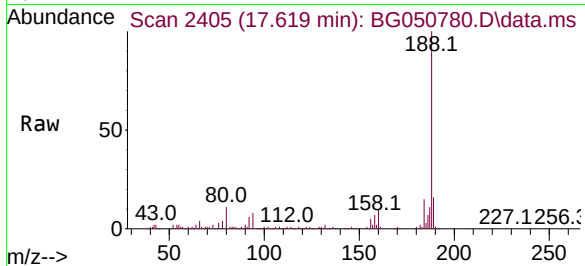




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. 0.001 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

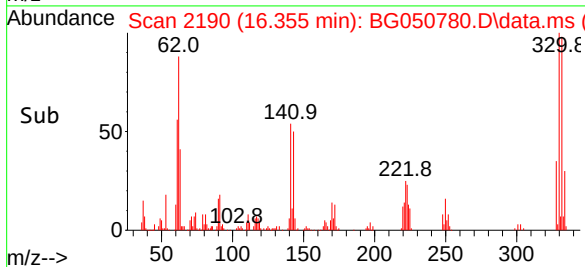
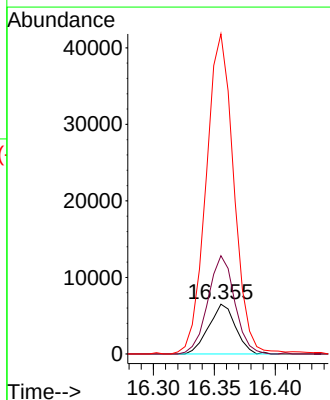
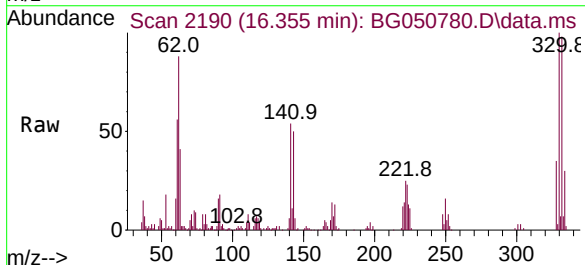
Instrument :
BNA_F
ClientSampleId :
WASTE-CHAR-(EXCESS)

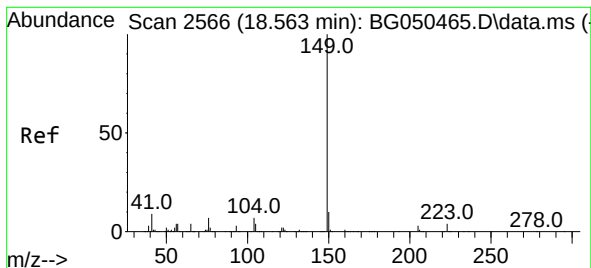
Tgt Ion:188 Resp: 239470
Ion Ratio Lower Upper
188 100
94 8.5 5.4 8.0#
80 11.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.126 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

Tgt Ion:248 Resp: 9957
Ion Ratio Lower Upper
248 100
250 197.5 76.1 114.1#
141 643.3 65.4 98.2#

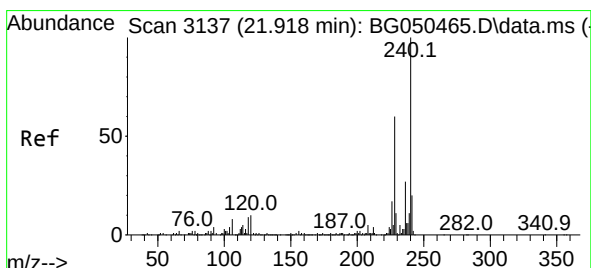
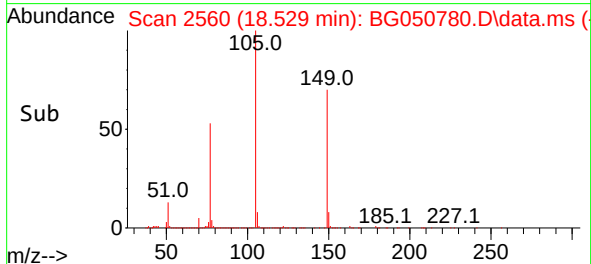
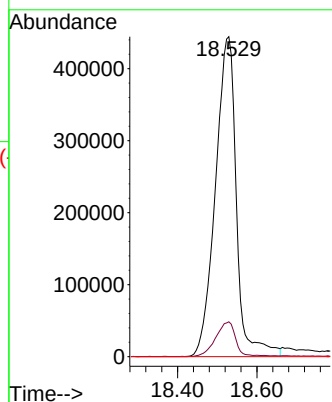
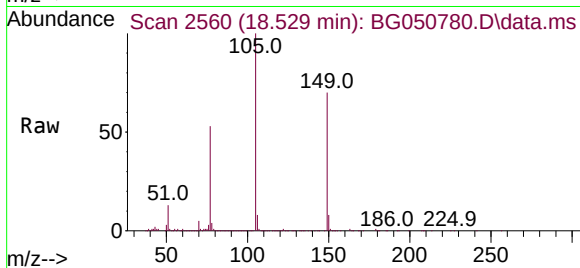




#74
Di-n-butylphthalate
Concen: 111.339 ng
RT: 18.529 min Scan# 2560
Delta R.T. -0.029 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

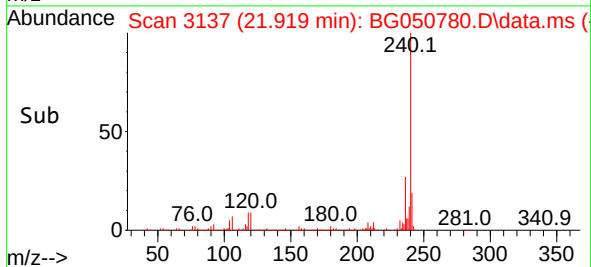
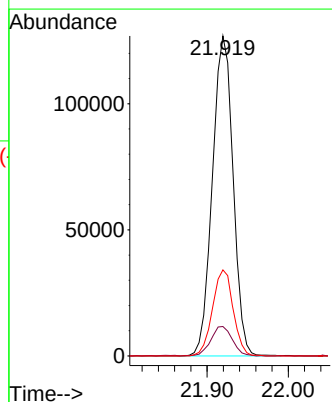
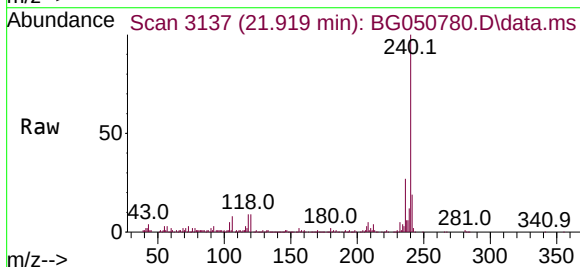
Instrument :
BNA_F
ClientSampleId :
WASTE-CHAR-(EXCESS)

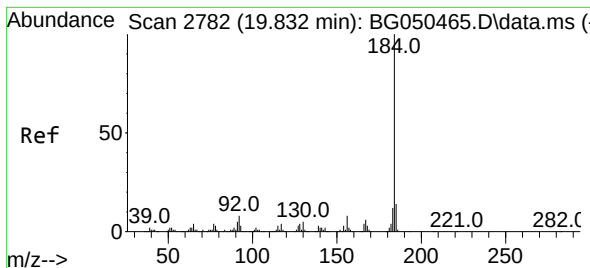
Tgt Ion:149 Resp: 1633001
Ion Ratio Lower Upper
149 100
150 10.9 7.5 11.3
104 0.0 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG050780.D
Acq: 29 Oct 2021 16:37

Tgt Ion:240 Resp: 224652
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.9 21.8 32.6





#77

Benzidine

Concen: 2.260 ng

RT: 20.210 min Scan# 2846

Delta R.T. 0.377 min

Lab File: BG050780.D

Acq: 29 Oct 2021 16:37

Tgt Ion:184 Resp: 16456

Ion Ratio Lower Upper

184 100

185 21.2 10.7 16.1#

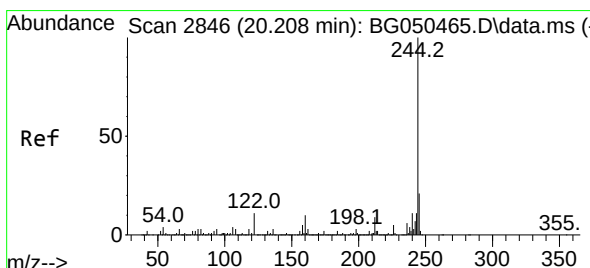
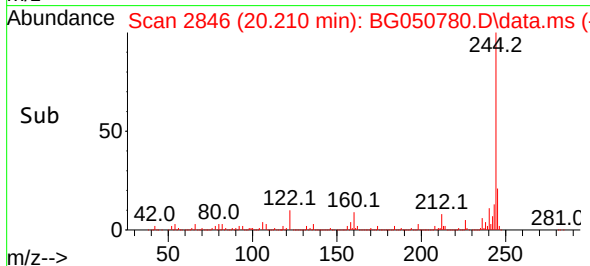
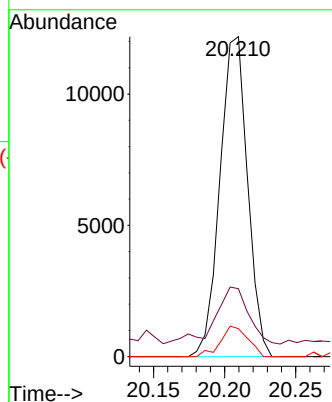
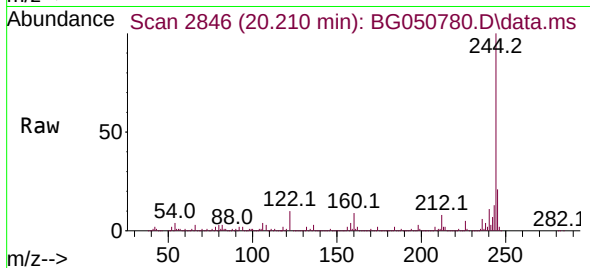
183 8.8 9.4 14.0#

Instrument :

BNA_F

ClientSampleId :

WASTE-CHAR-(EXCESS)



#79

Terphenyl-d14

Concen: 74.651 ng

RT: 20.210 min Scan# 2846

Delta R.T. 0.001 min

Lab File: BG050780.D

Acq: 29 Oct 2021 16:37

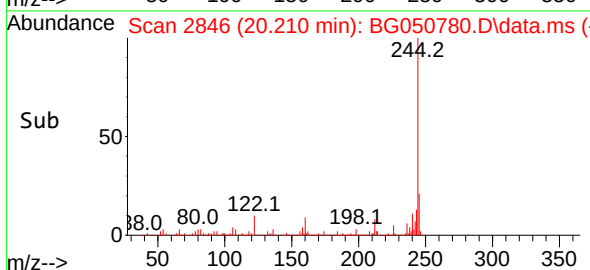
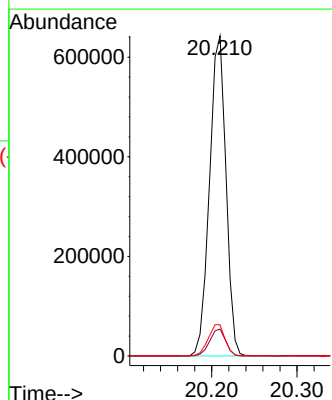
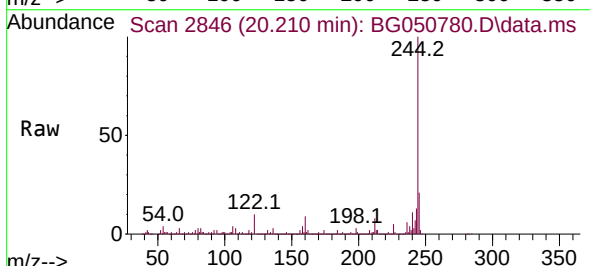
Tgt Ion:244 Resp: 860543

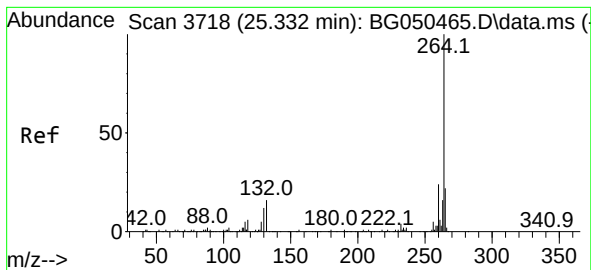
Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

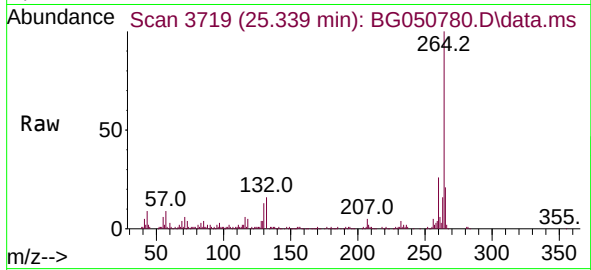
122 9.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.339 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG050780.D
 Acq: 29 Oct 2021 16:37

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-CHAR-(EXCESS)



Tgt Ion:264 Resp: 222726
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.4 29.2
 265 21.0 16.9 25.3

