

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046206.D
 Acq On : 10 Aug 2020 14:35
 Operator : CG/JU
 Sample : PB130837BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BL

Quant Time: Aug 10 15:11:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

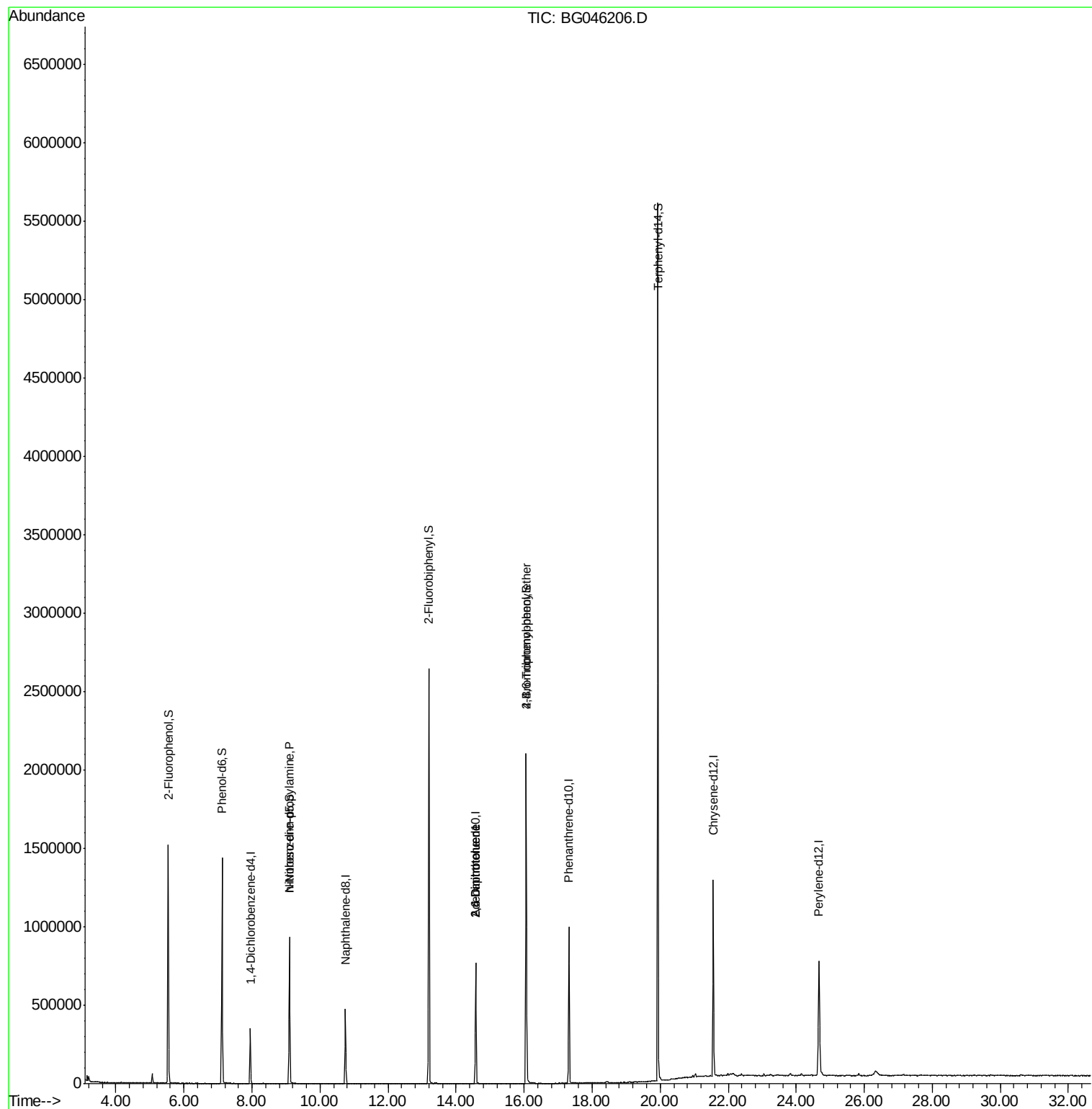
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	112483	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	431006	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	278441	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	659553	20.00	ng	0.00
76) Chrysene-d12	21.56	240	805035	20.00	ng	-0.01
86) Perylene-d12	24.67	264	800173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	721040	111.43	ng	0.00
7) Phenol-d6	7.12	99	899827	102.04	ng	0.00
23) Nitrobenzene-d5	9.10	82	587840	73.84	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	486901	113.85	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1472816	76.84	ng	0.00
79) Terphenyl-d14	19.93	244	2413888	61.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	76563	13.340	ng	# 76
51) 2,6-Dinitrotoluene	14.57	165	36187	7.276	ng	# 28
57) 2,4-Dinitrotoluene	14.57	165	36187	5.292	ng	# 28
67) 4-Bromophenyl-phenylether	16.06	248	29731	3.649	ng	# 1

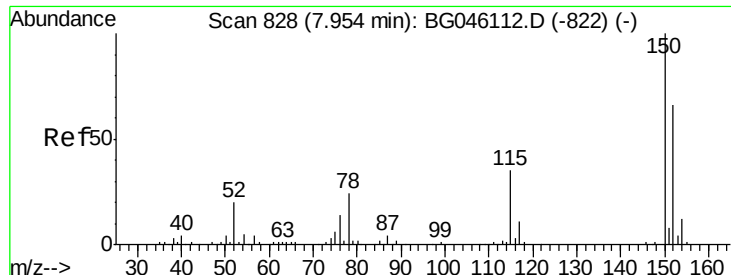
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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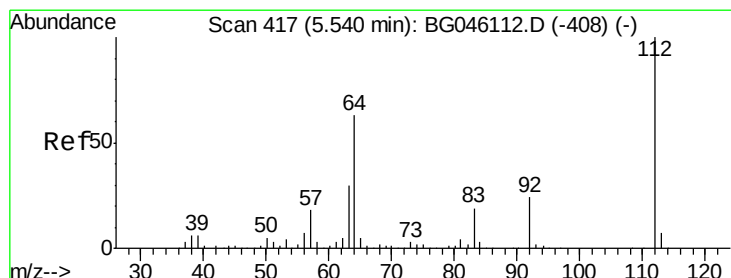
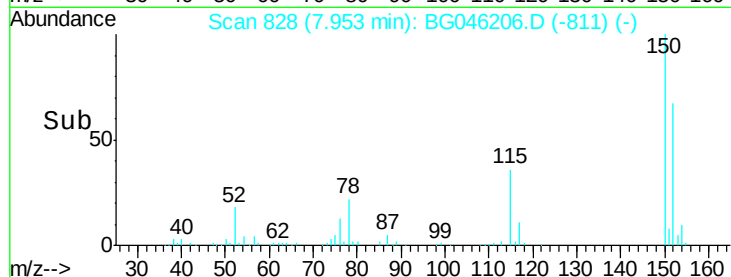
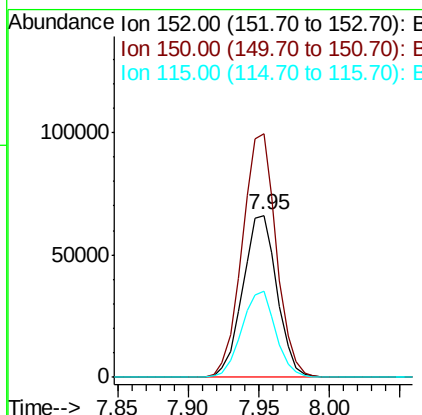
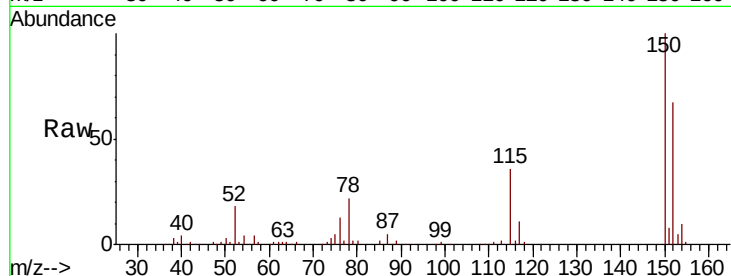


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130837BL

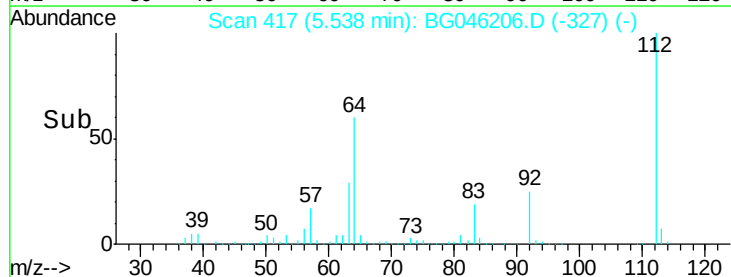
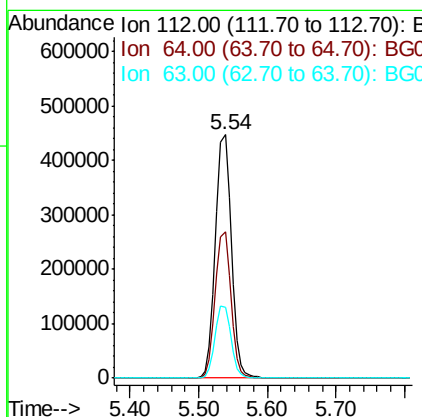
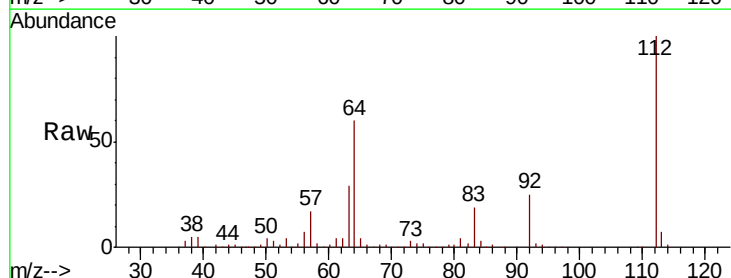
Tot Ion:152 Resp: 112483
Ion Ratio Lower Upper
152 100
150 150.1 122.1 183.1
115 53.5 43.2 64.8

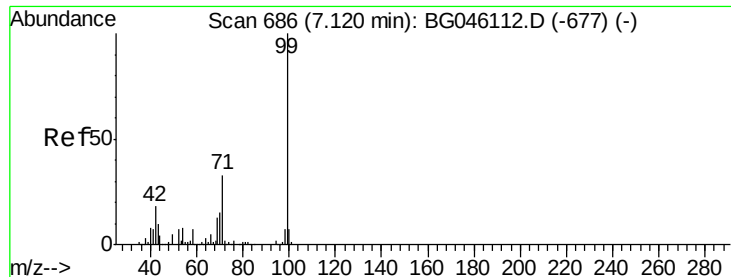


#5

2-Fluorophenol
Concen: 111.433 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Tgt Ion:112 Resp: 721040
Ion Ratio Lower Upper
112 100
64 60.1 50.2 75.2
63 29.1 24.2 36.4





#7

Phenol-d6

Concen: 102.038 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130837BL

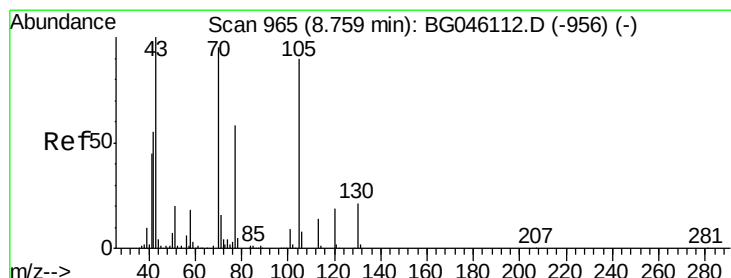
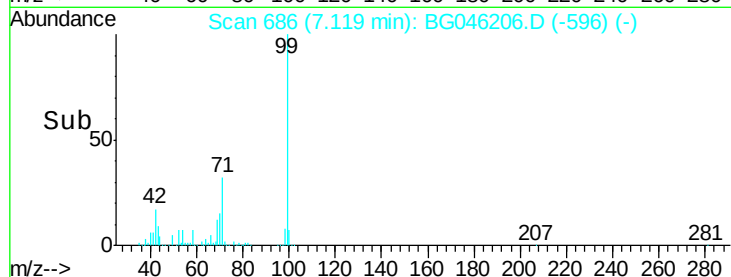
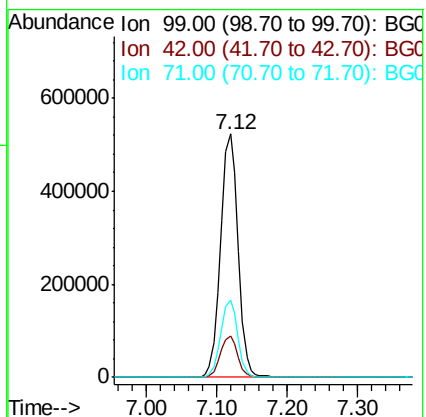
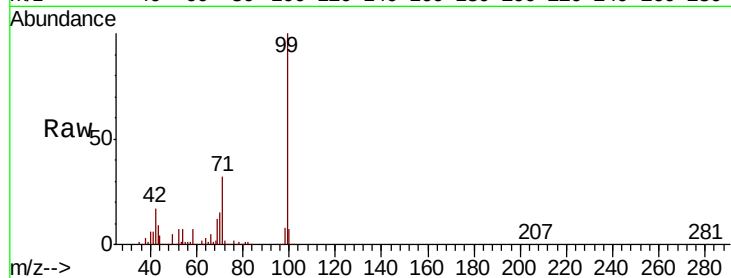
Tot Ion: 99 Resp: 899827

Ion Ratio Lower Upper

99 100

42 16.8 14.7 22.1

71 31.8 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.340 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.35 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Tgt Ion: 70 Resp: 76563

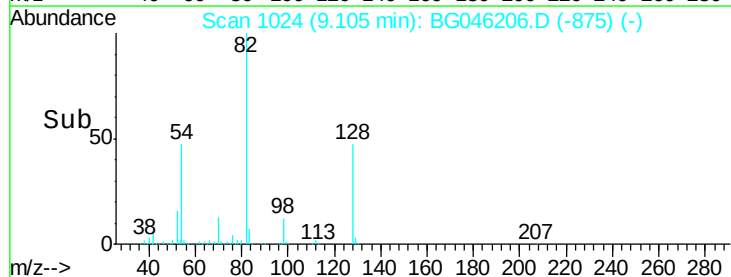
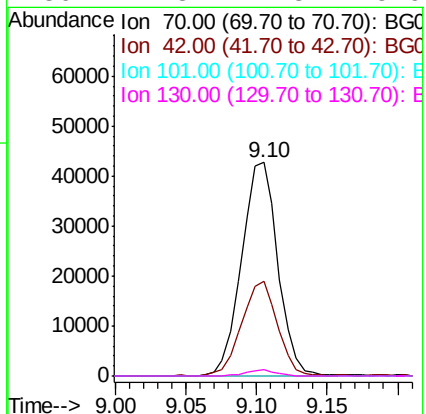
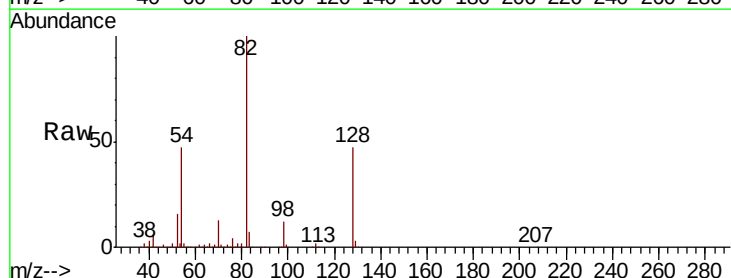
Ion Ratio Lower Upper

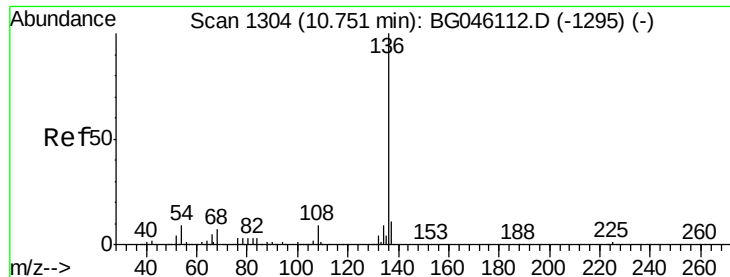
70 100

42 44.5 46.5 69.7#

101 0.0 7.6 11.4#

130 2.8 17.3 25.9#

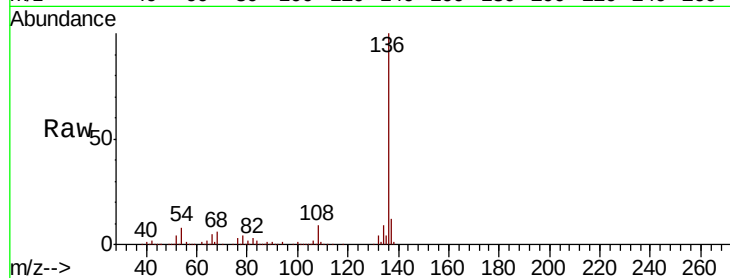




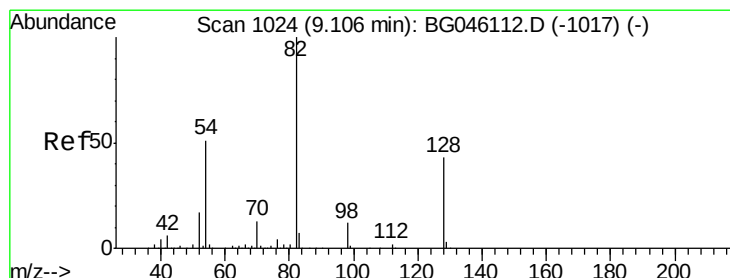
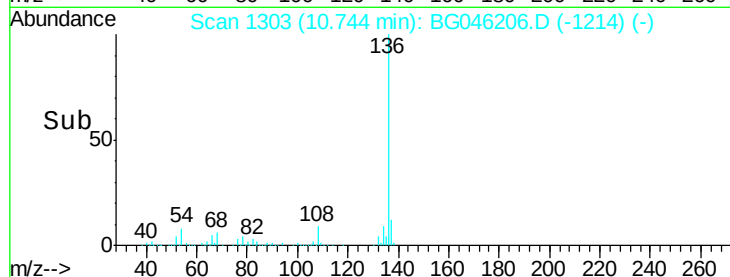
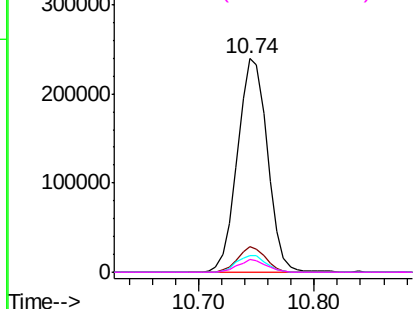
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Instrument :
BNA_G
ClientSampleId :
PB130837BL

Tot Ion:136	Resp:	431006	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	8.8	13.2	
54 7.8	7.0	10.4	
68 6.1	5.3	7.9	

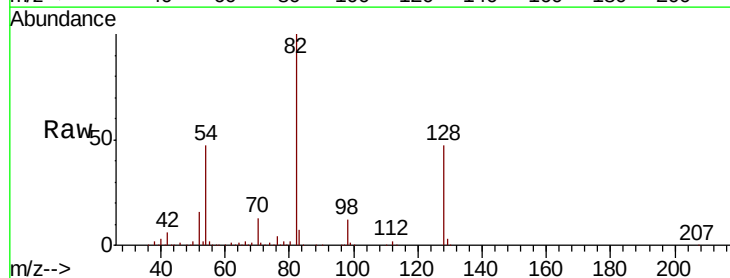


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

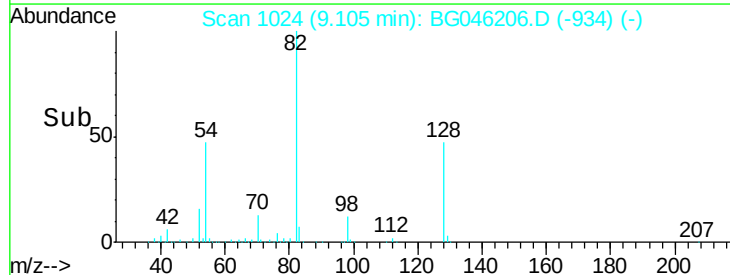
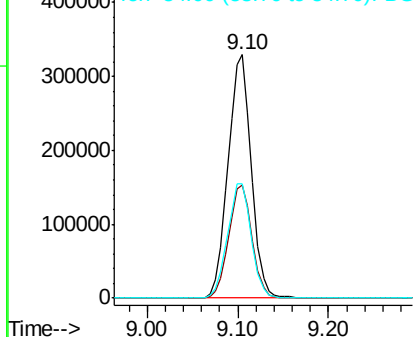


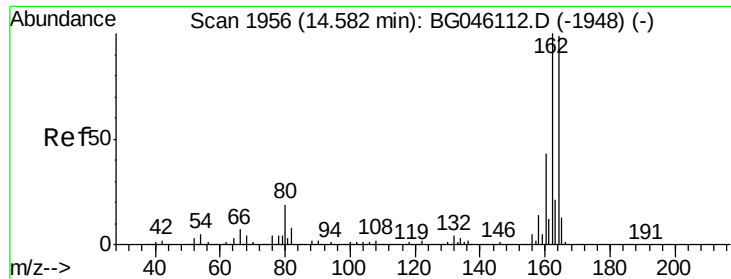
#23
Nitrobenzene-d5
Concen: 73.844 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Tgt Ion: 82	Resp: 587840
Ion Ratio	Lower Upper
82 100	
128 46.6	34.4 51.6
54 47.2	40.8 61.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130837BL

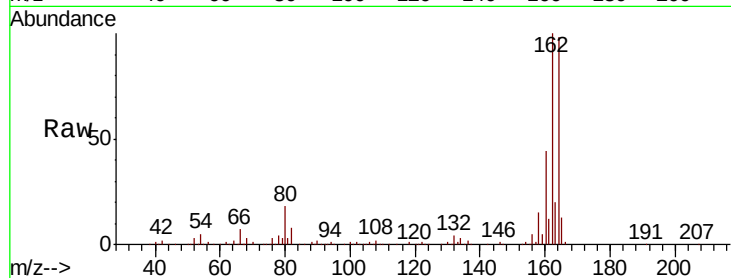
Tot Ion:164 Resp: 278441

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

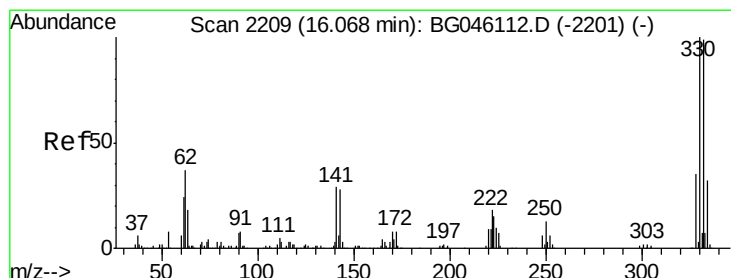
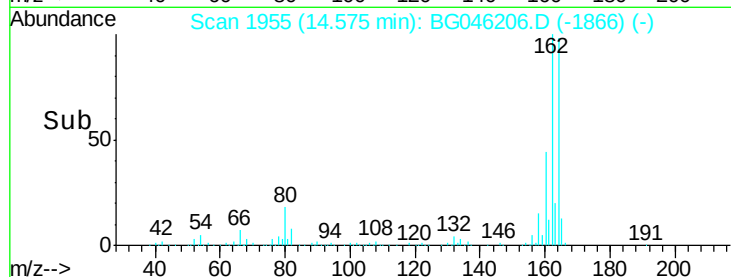
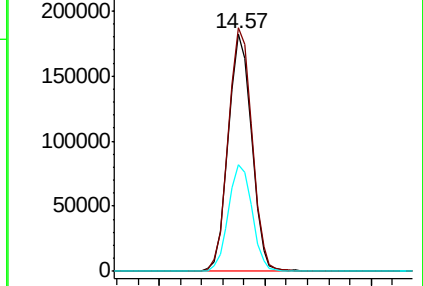
160 44.8 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 113.847 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

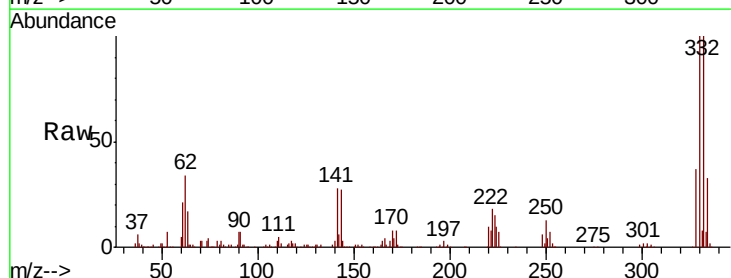
Tgt Ion:330 Resp: 486901

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

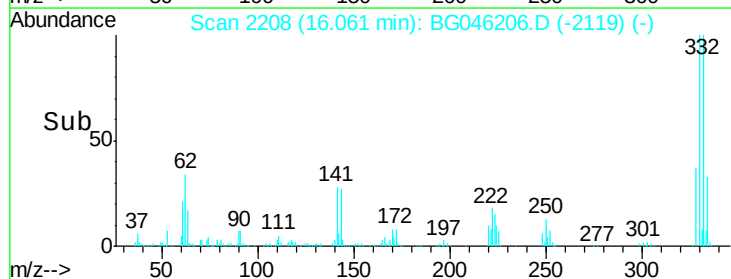
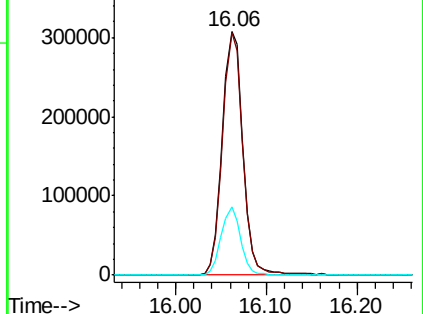
141 26.4 23.4 35.0

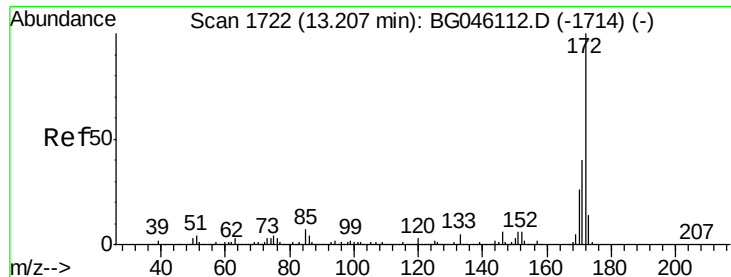


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

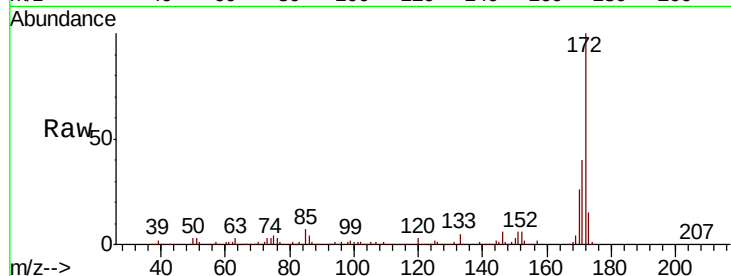




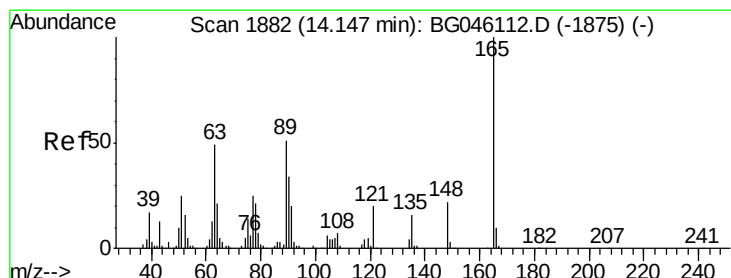
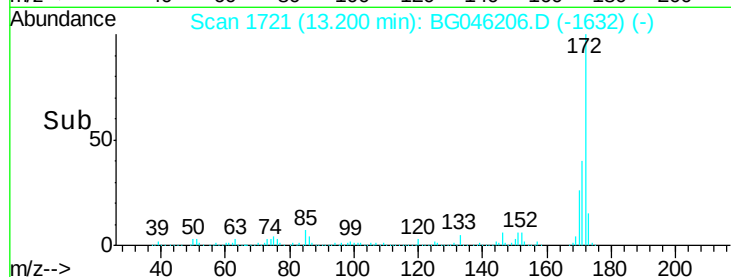
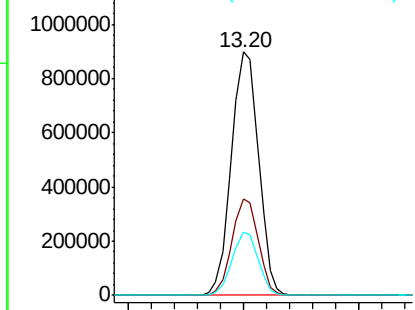
#45
 2-Fluorobiphenyl
 Concen: 76.837 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046206.D
 Acq: 10 Aug 2020 14:35

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BL

Tot Ion:172 Resp: 1472816
 Ion Ratio Lower Upper
 172 100
 171 39.6 31.7 47.5
 170 25.7 20.9 31.3

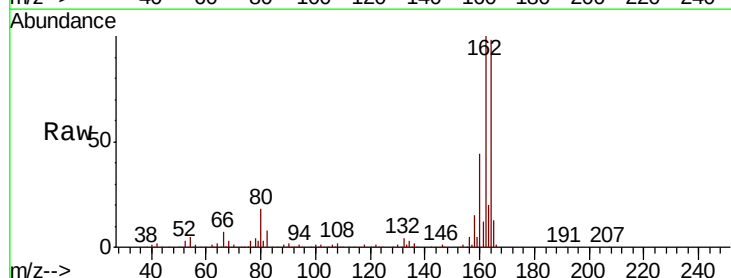


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

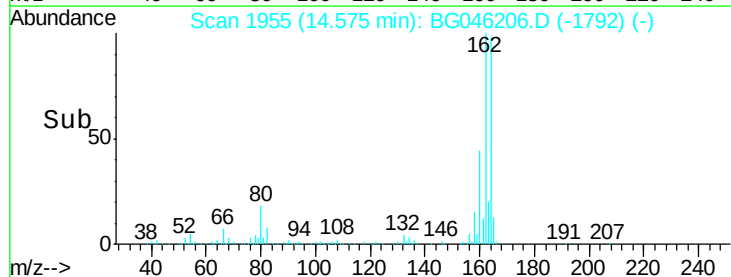
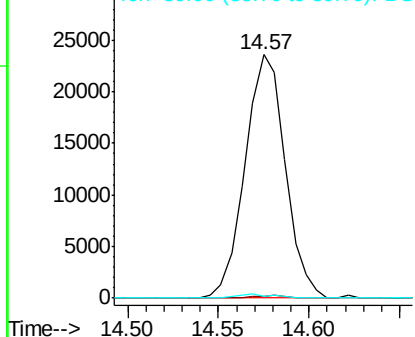


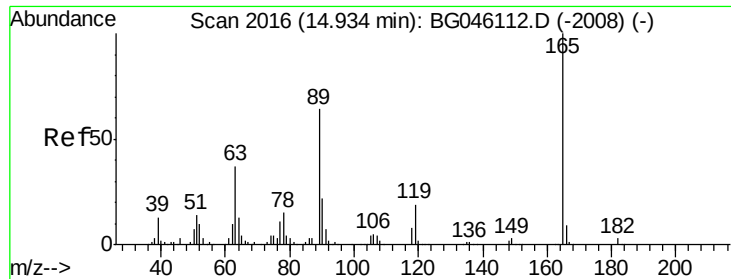
#51
 2,6-Dinitrotoluene
 Concen: 7.276 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. 0.43 min
 Lab File: BG046206.D
 Acq: 10 Aug 2020 14:35

Tgt Ion:165 Resp: 36187
 Ion Ratio Lower Upper
 165 100
 63 0.8 39.7 59.5#
 89 0.8 41.0 61.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

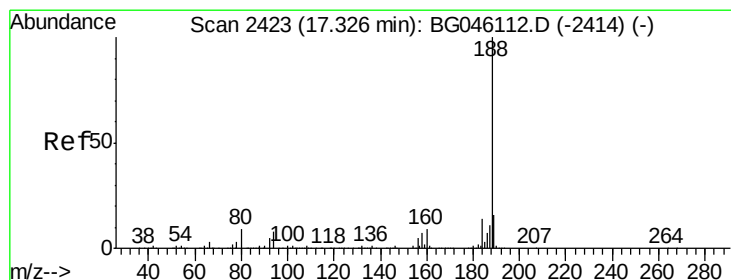
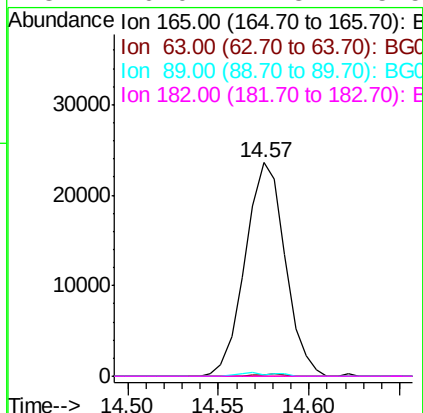
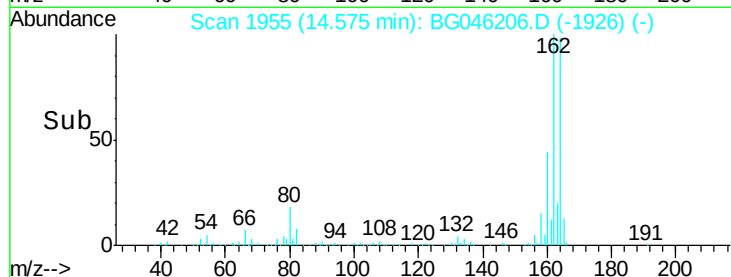
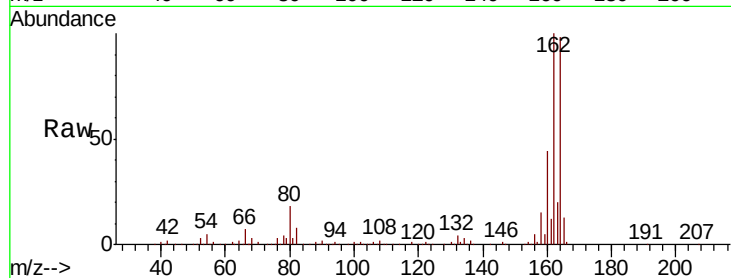




#57
 2,4-Dinitrotoluene
 Concen: 5.292 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046206.D
 Acq: 10 Aug 2020 14:35

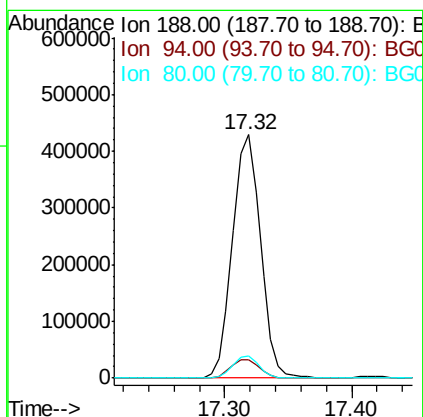
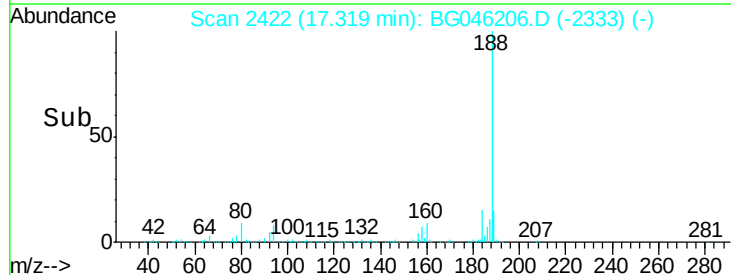
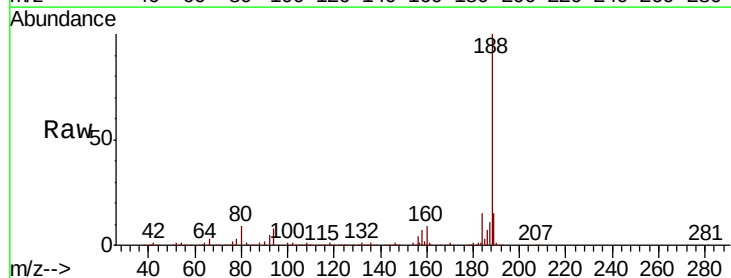
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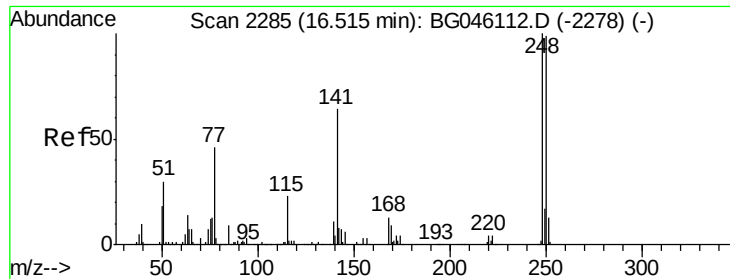
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	30.1	45.1#
89	0.8	51.4	77.2#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046206.D
 Acq: 10 Aug 2020 14:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	9.0	7.4	11.0

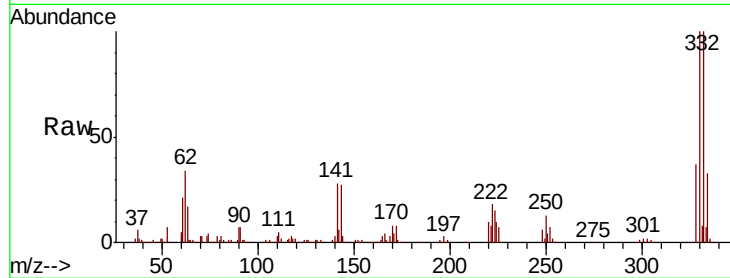




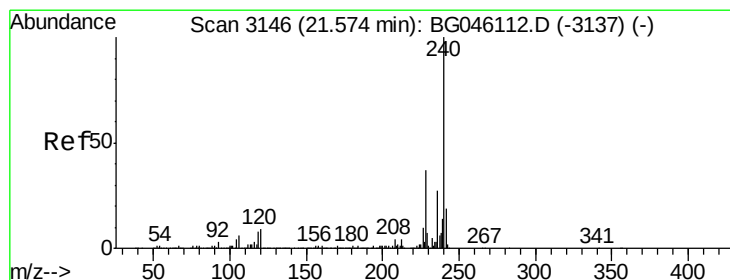
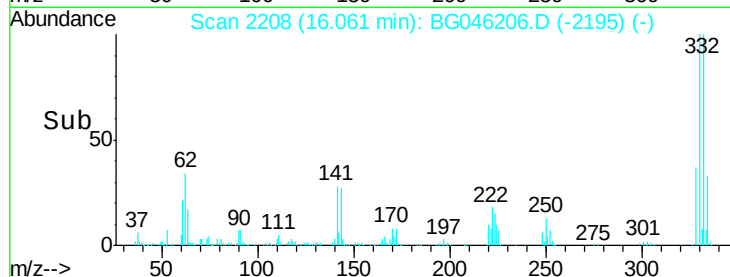
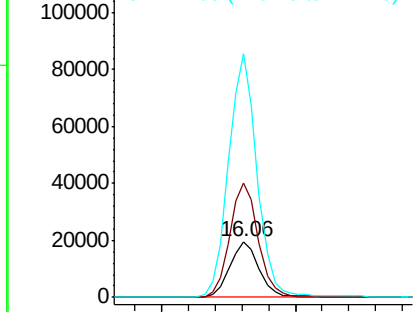
#67
4-Bromophenyl-phenylether
Concen: 3.649 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Instrument :
BNA_G
ClientSampled :
PB130837BL

Tot Ion:248 Resp: 29731
Ion Ratio Lower Upper
248 100
250 206.4 79.4 119.0#
141 437.9 50.9 76.3#

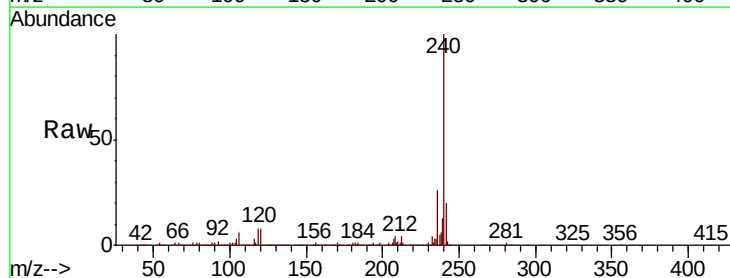


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

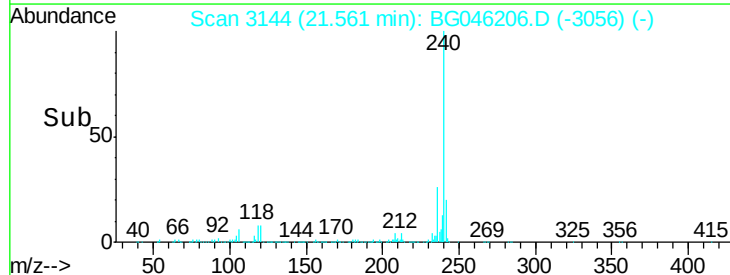
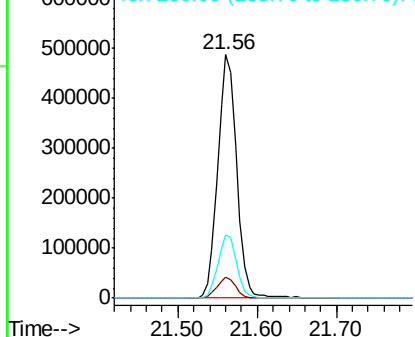


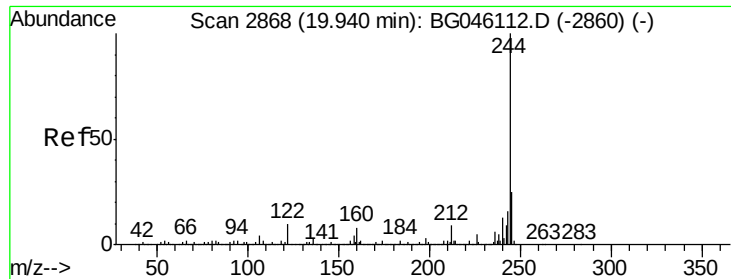
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046206.D
Acq: 10 Aug 2020 14:35

Tgt Ion:240 Resp: 805035
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.7 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.068 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

Instrument :

BNA_G

ClientSampleId :

PB130837BL

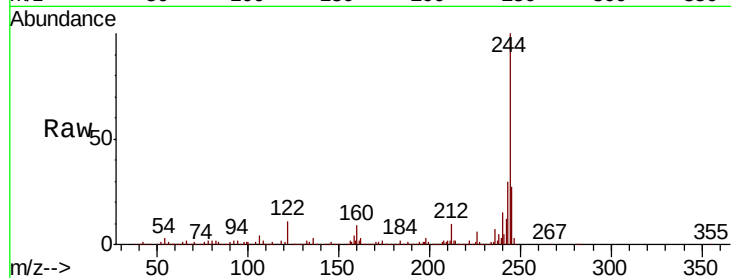
Tot Ion:244 Resp: 2413888

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

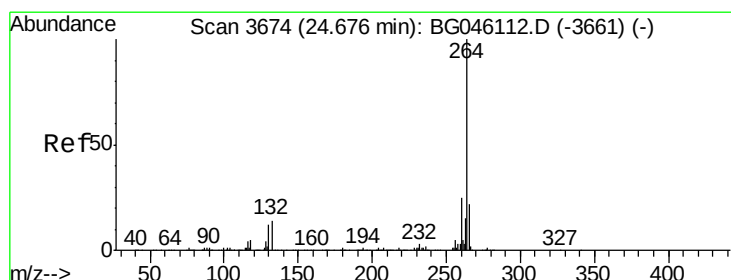
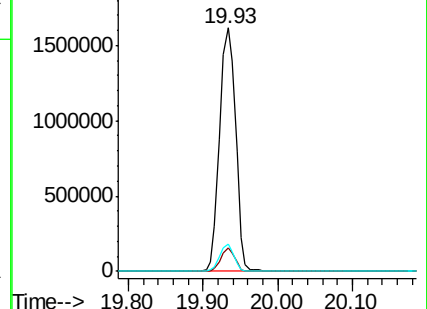
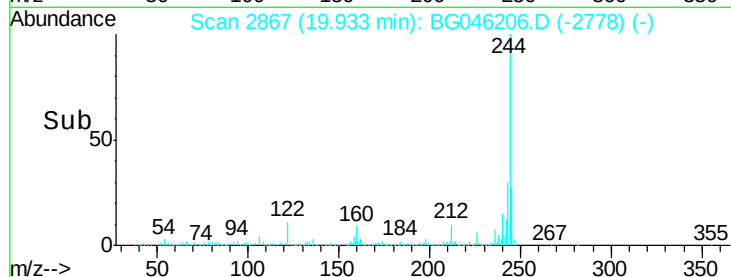
122 11.2 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046206.D

Acq: 10 Aug 2020 14:35

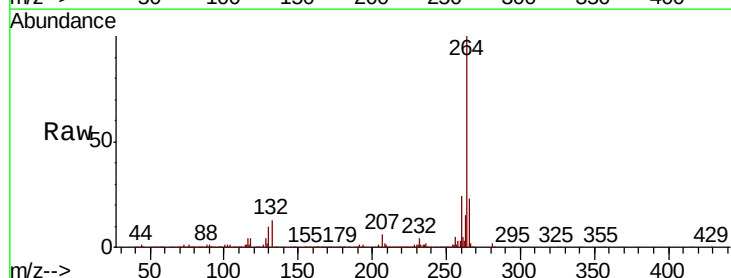
Tgt Ion:264 Resp: 800173

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 22.9 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

