

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046214.D
 Acq On : 11 Aug 2020 10:19
 Operator : CG/JU
 Sample : PB130837BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BL

Quant Time: Aug 11 11:03:27 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

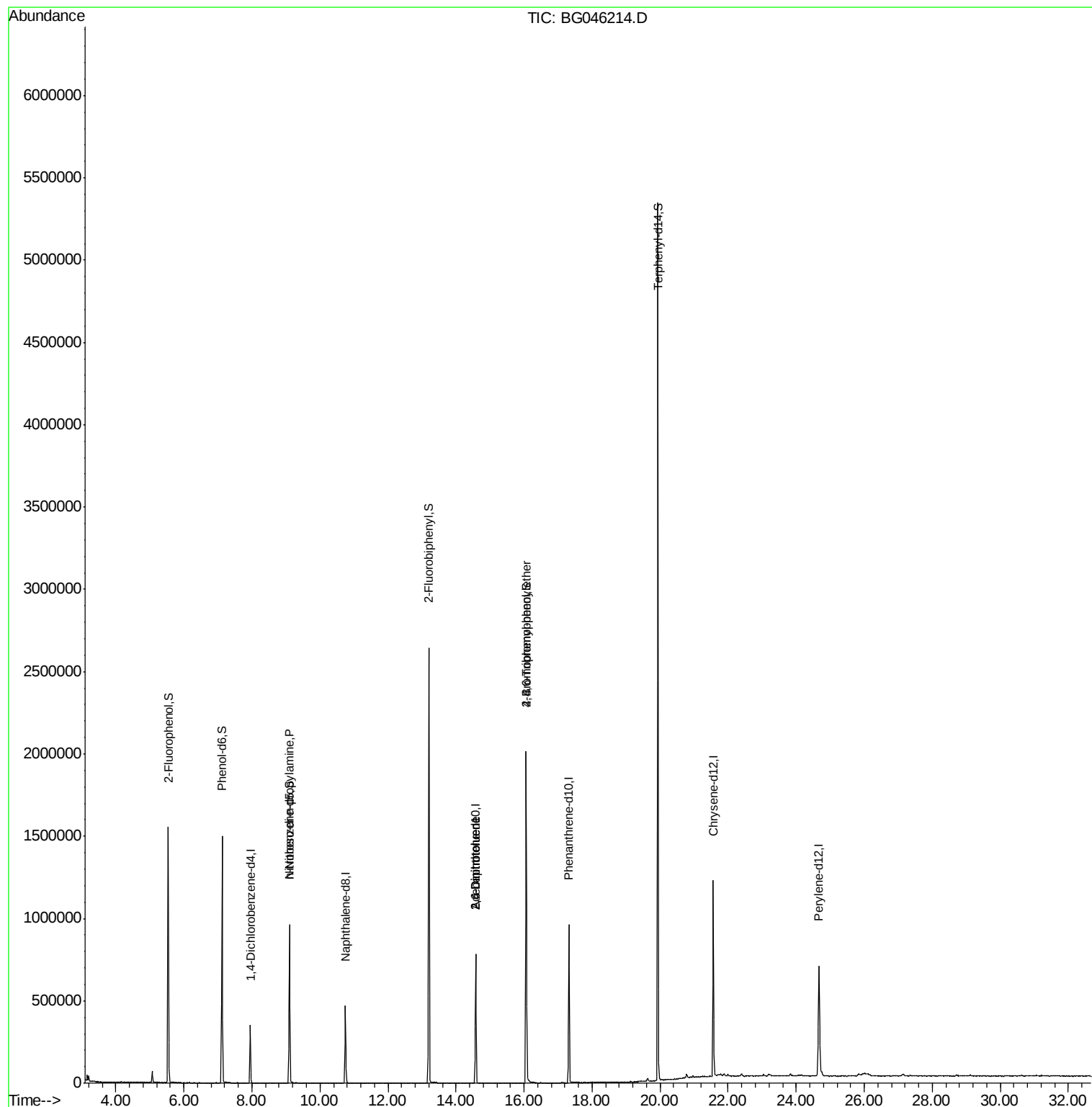
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	111030	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	431248	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	275516	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	634526	20.00	ng	0.00
76) Chrysene-d12	21.56	240	746061	20.00	ng	-0.01
86) Perylene-d12	24.67	264	741328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	728605	114.08	ng	0.00
7) Phenol-d6	7.12	99	915128	105.13	ng	0.00
23) Nitrobenzene-d5	9.11	82	606228	76.11	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	474416	112.11	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1465270	77.25	ng	0.00
79) Terphenyl-d14	19.93	244	2298378	62.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	79128	13.968	ng	# 74
51) 2,6-Dinitrotoluene	14.58	165	36801	7.478	ng	# 29
57) 2,4-Dinitrotoluene	14.58	165	36801	5.439	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	29124	3.715	ng	# 1

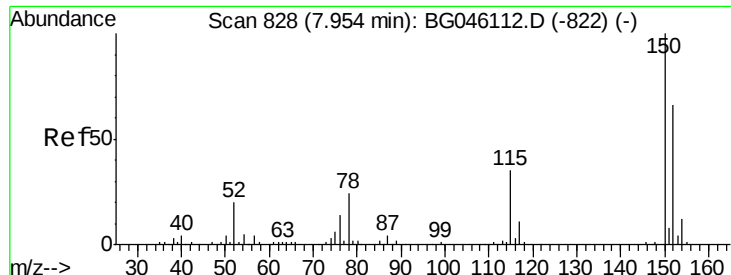
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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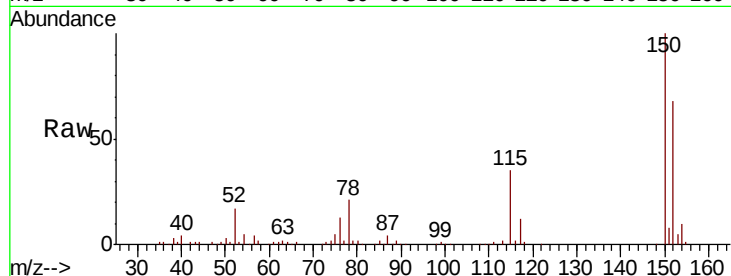


#1

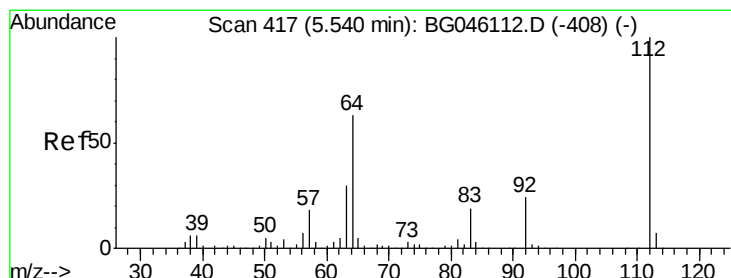
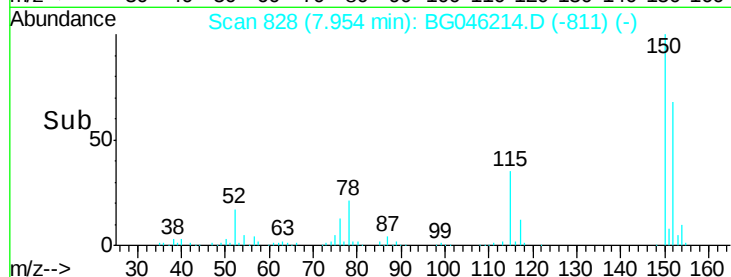
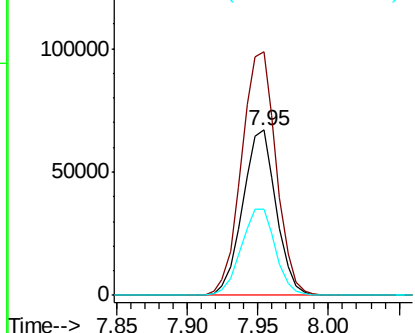
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046214.D
Acq: 11 Aug 2020 10:19

Instrument :
BNA_G
ClientSampled :
PB130837BL

Tot Ion:152 Resp: 111030
Ion Ratio Lower Upper
152 100
150 147.3 122.1 183.1
115 51.9 43.2 64.8



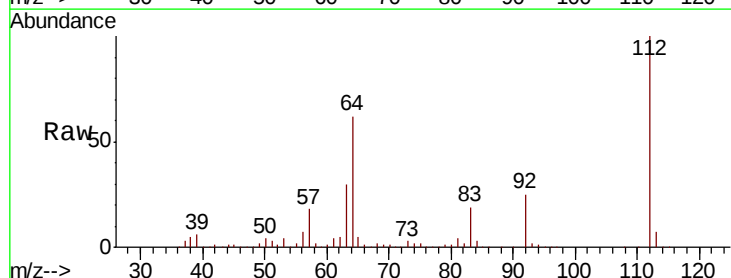
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



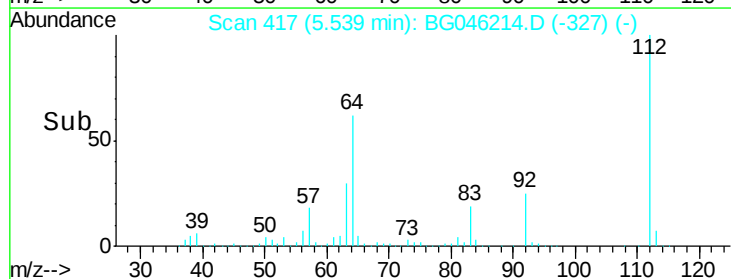
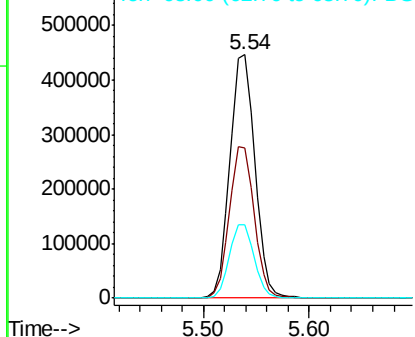
#5

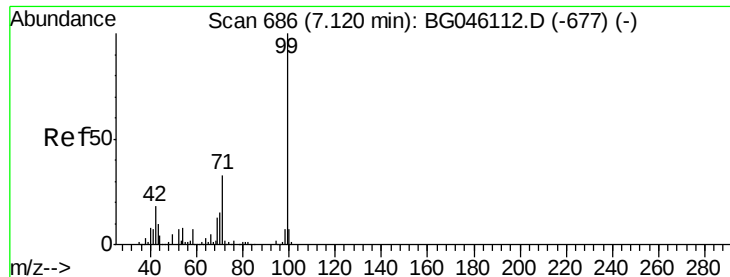
2-Fluorophenol
Concen: 114.076 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046214.D
Acq: 11 Aug 2020 10:19

Tgt Ion:112 Resp: 728605
Ion Ratio Lower Upper
112 100
64 61.5 50.2 75.2
63 30.3 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 105.131 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046214.D

Acq: 11 Aug 2020 10:19

Instrument :

BNA_G

ClientSampleId :

PB130837BL

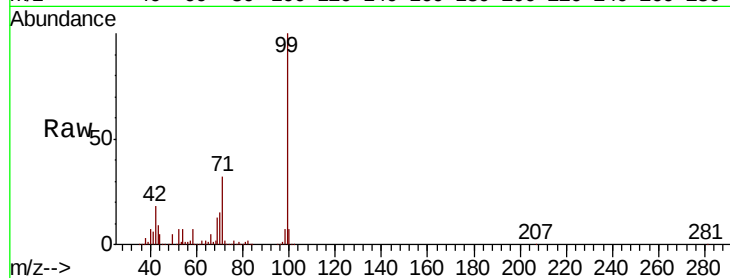
Tot Ion: 99 Resp: 915128

Ion Ratio Lower Upper

99 100

42 17.7 14.7 22.1

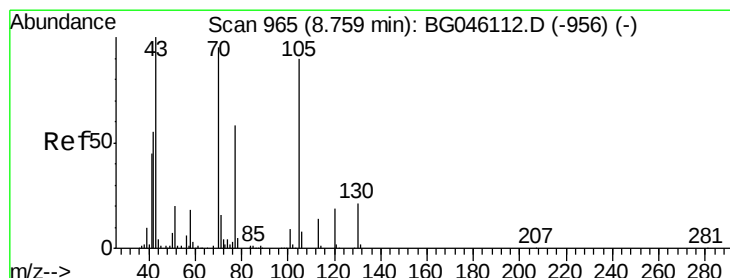
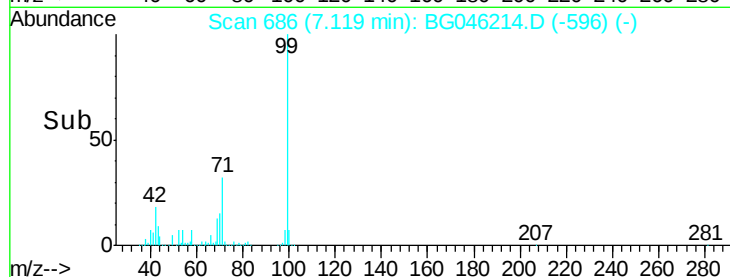
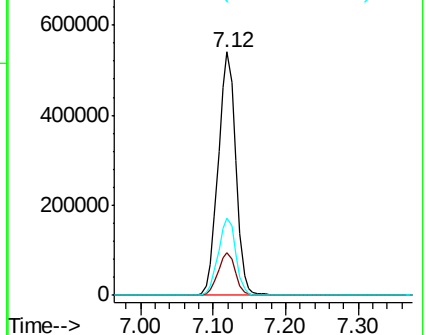
71 31.7 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.968 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046214.D

Acq: 11 Aug 2020 10:19

Tgt Ion: 70 Resp: 79128

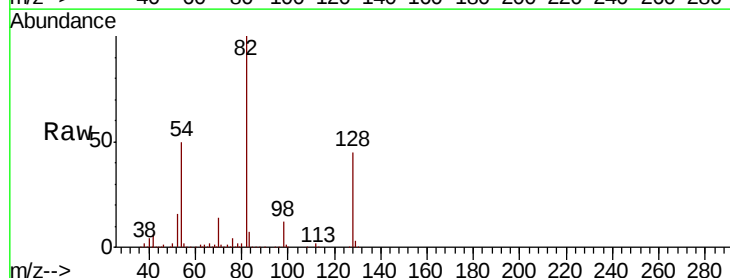
Ion Ratio Lower Upper

70 100

42 42.3 46.5 69.7#

101 0.0 7.6 11.4#

130 2.8 17.3 25.9#

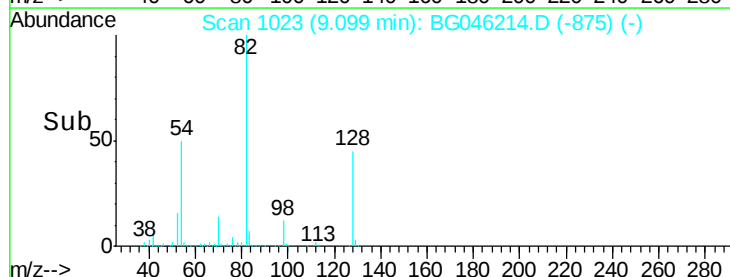
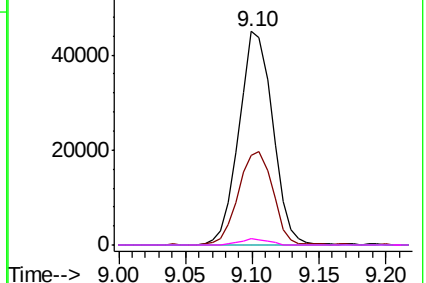


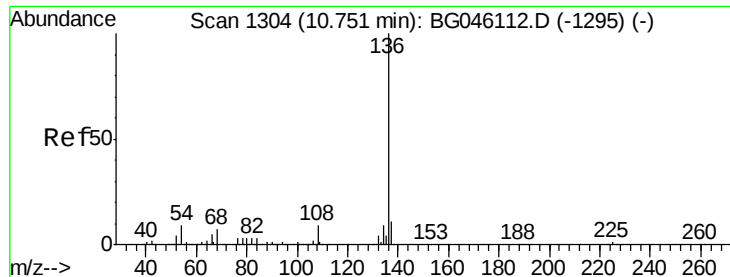
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

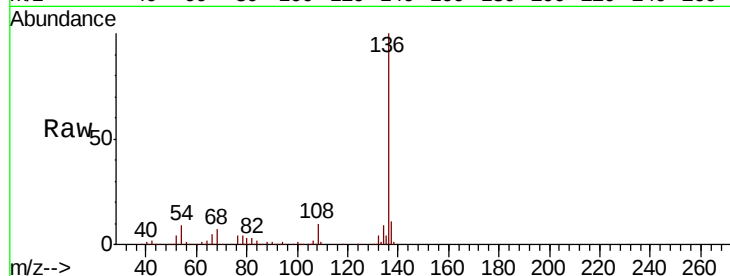




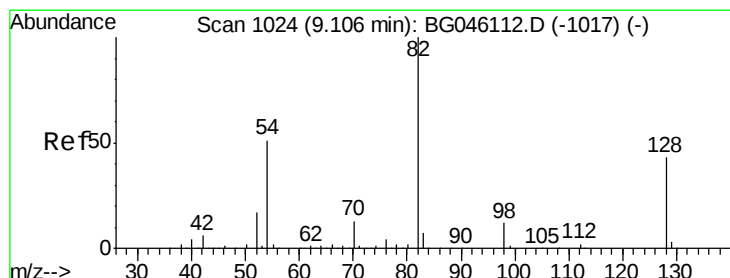
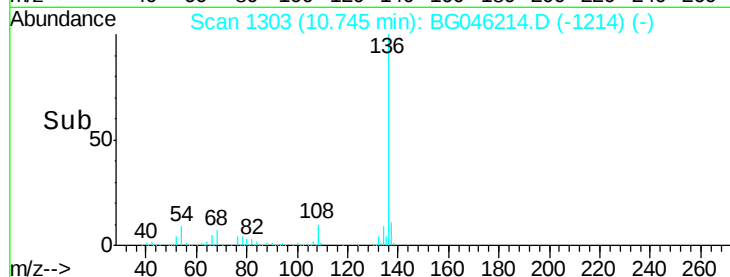
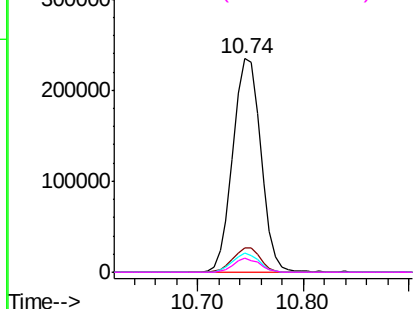
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046214.D
Acq: 11 Aug 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130837BL

Tot Ion:136	Resp:	431248	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.8	13.2	
54 8.9	7.0	10.4	
68 6.6	5.3	7.9	

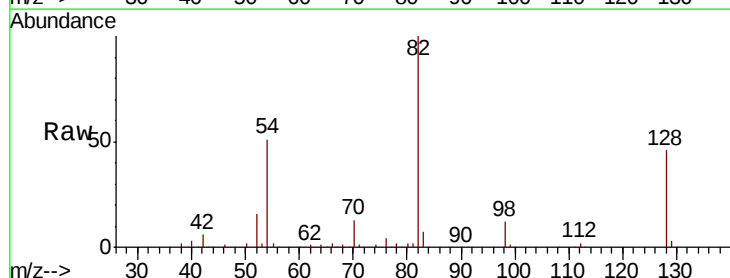


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

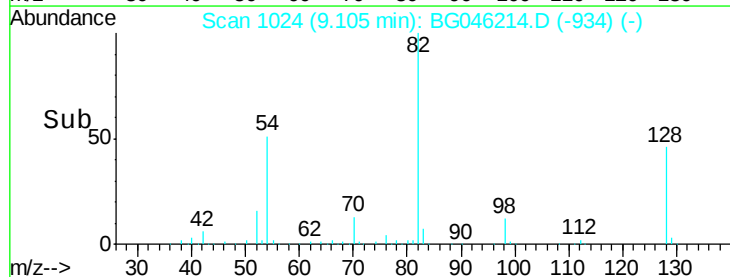
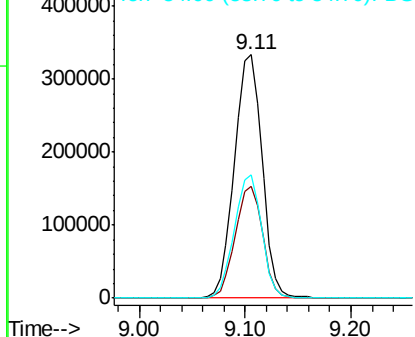


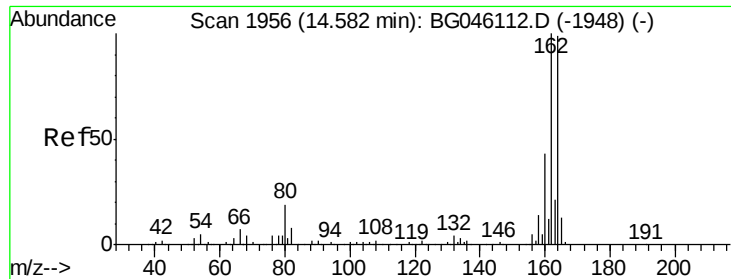
#23
Nitrobenzene-d5
Concen: 76.111 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046214.D
Acq: 11 Aug 2020 10:19

Tgt	Ion: 82	Resp:	606228
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.4	51.6
54	50.7	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: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046214.D

Acq: 11 Aug 2020 10:19

Instrument :

BNA_G

ClientSampleId :

PB130837BL

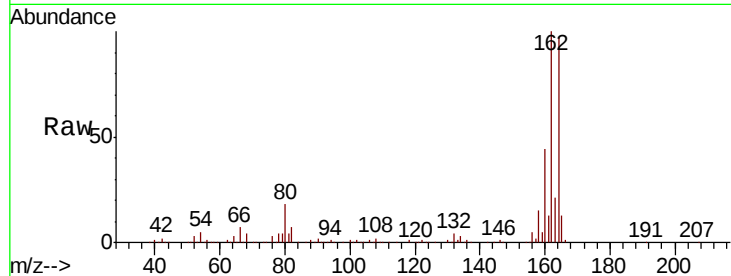
Tot Ion:164 Resp: 275516

Ion Ratio Lower Upper

164 100

162 103.3 80.6 121.0

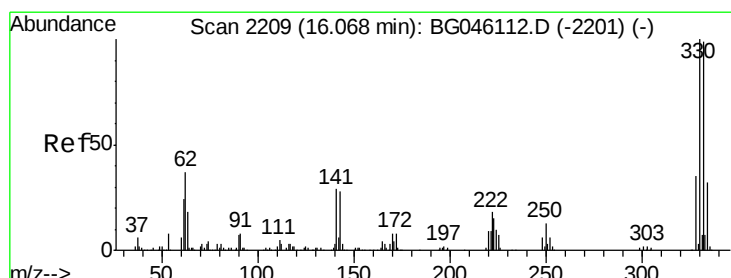
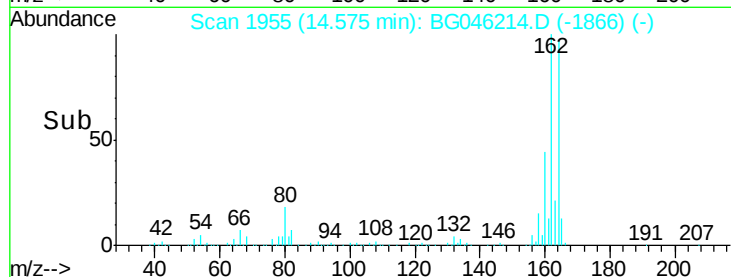
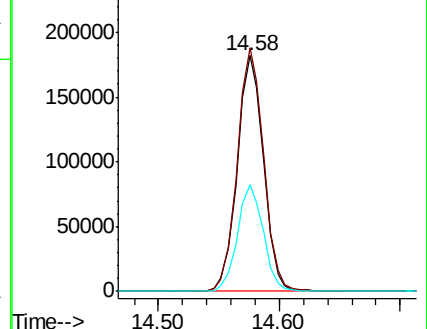
160 45.2 34.9 52.3



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: 112.105 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046214.D

Acq: 11 Aug 2020 10:19

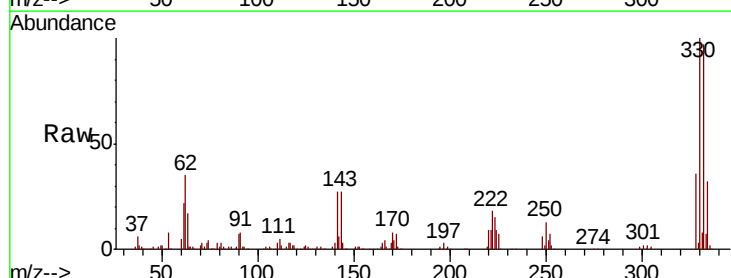
Tgt Ion:330 Resp: 474416

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

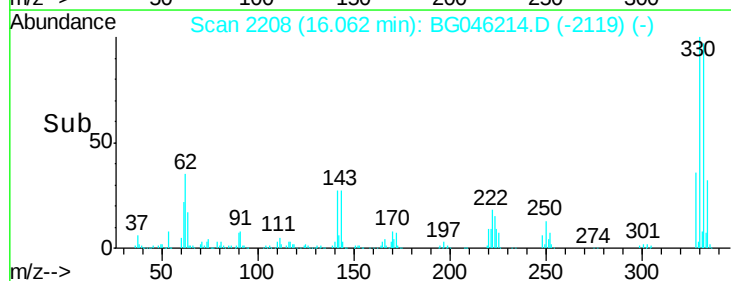
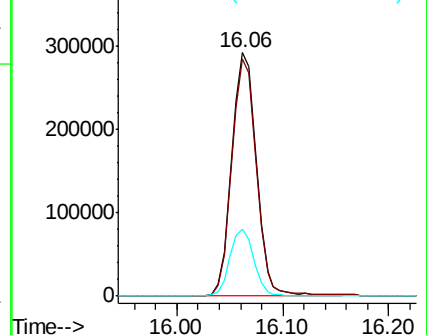
141 27.2 23.4 35.0

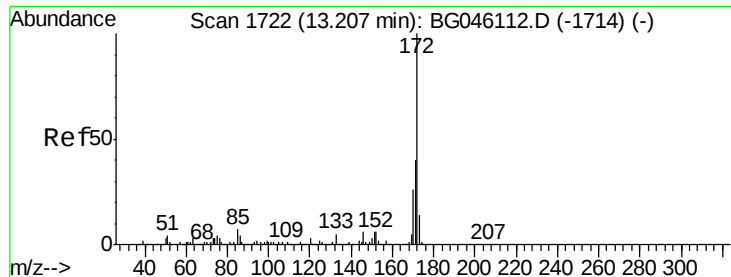


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

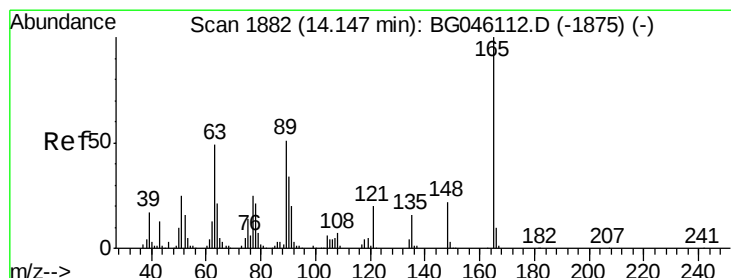
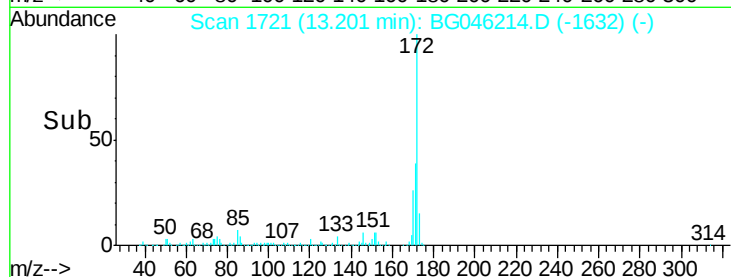
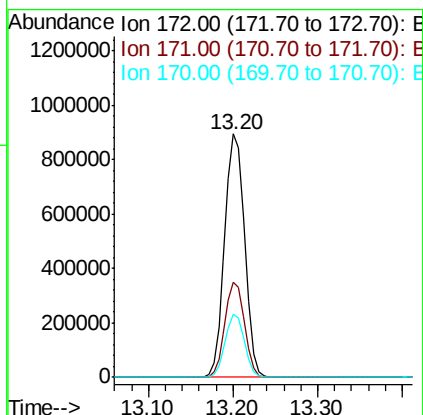
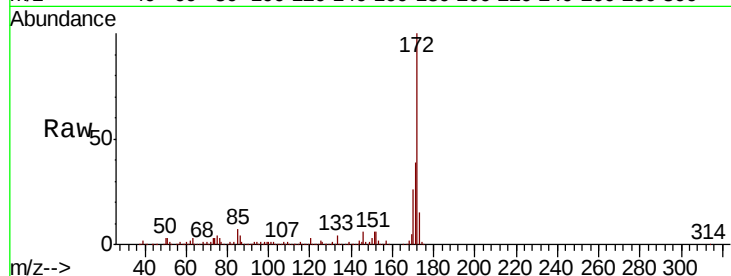




#45
 2-Fluorobiphenyl
 Concen: 77.255 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG046214.D
 Acq: 11 Aug 2020 10:19

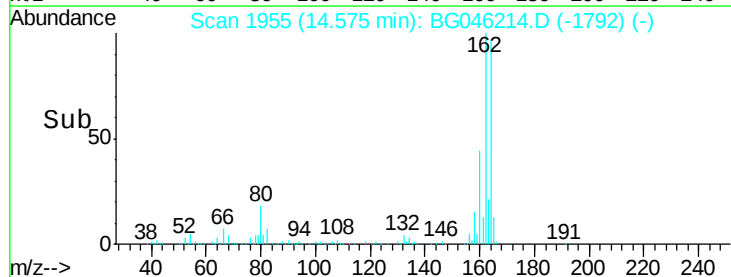
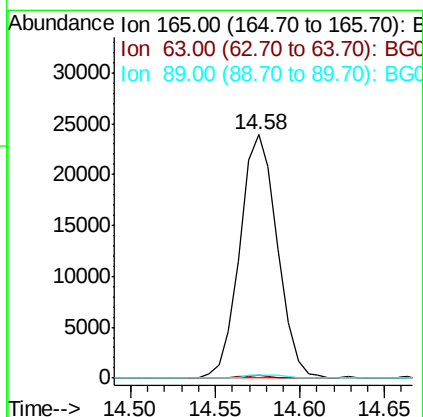
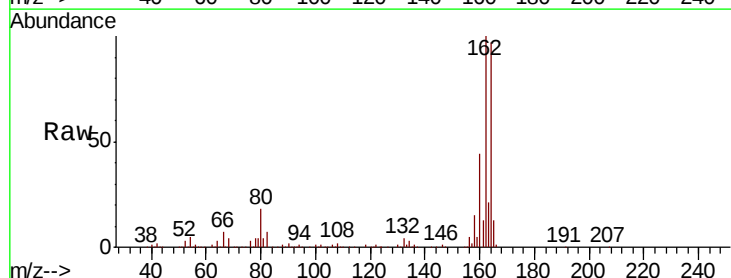
Instrument :
 BNA_G
 ClientSampleId :
 PB130837BL

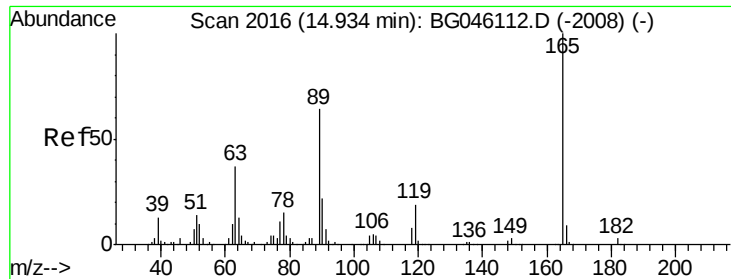
Tot Ion:172 Resp: 1465270
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.7 47.5
 170 25.9 20.9 31.3



#51
 2,6-Dinitrotoluene
 Concen: 7.478 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. 0.43 min
 Lab File: BG046214.D
 Acq: 11 Aug 2020 10:19

Tgt Ion:165 Resp: 36801
 Ion Ratio Lower Upper
 165 100
 63 1.4 39.7 59.5#
 89 1.3 41.0 61.6#

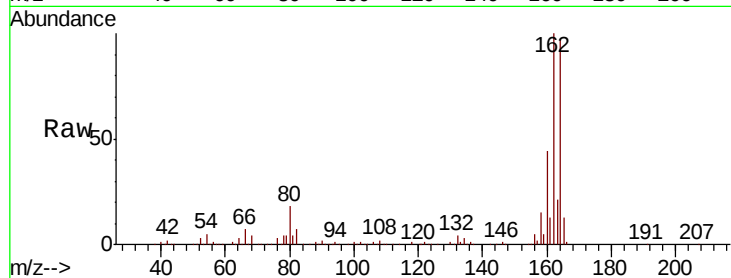




#57
 2,4-Dinitrotoluene
 Concen: 5.439 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046214.D
 Acq: 11 Aug 2020 10:19

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	30.1	45.1#
89	1.3	51.4	77.2#
182	0.0	2.3	3.5#

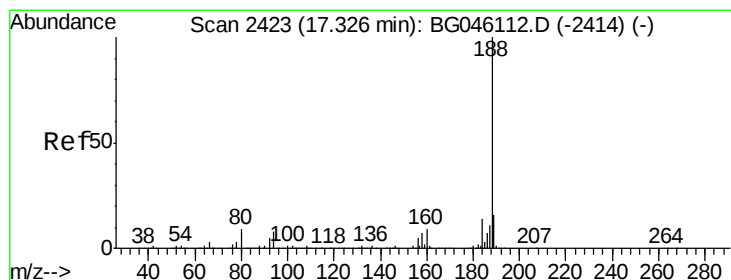
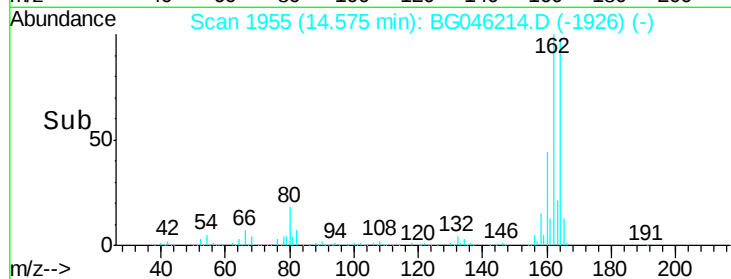
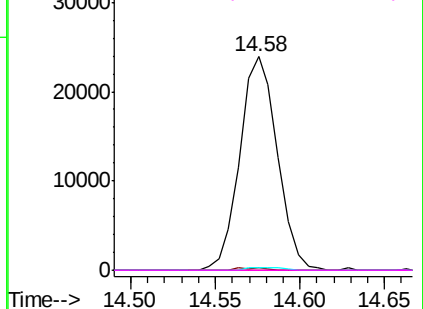


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

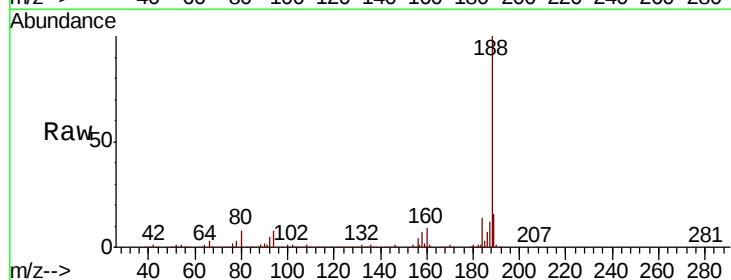
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.32 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG046214.D
 Acq: 11 Aug 2020 10:19

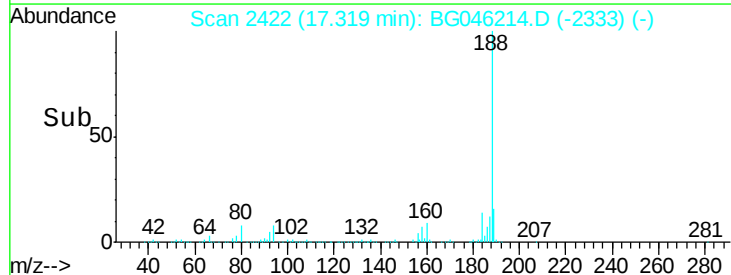
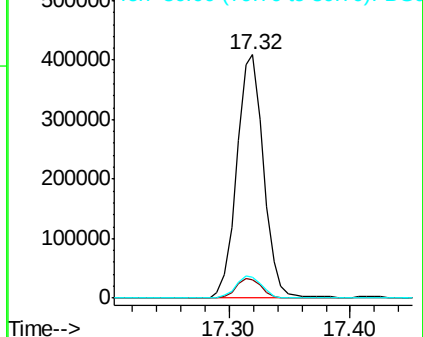
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	8.5	7.4	11.0

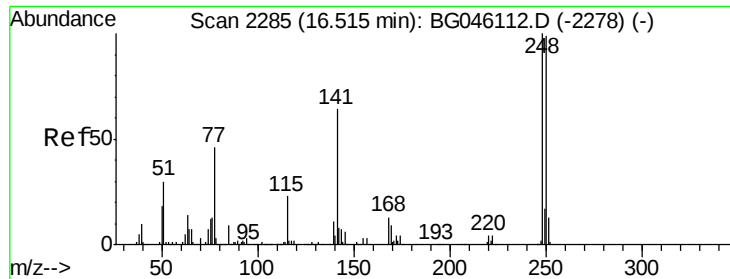


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

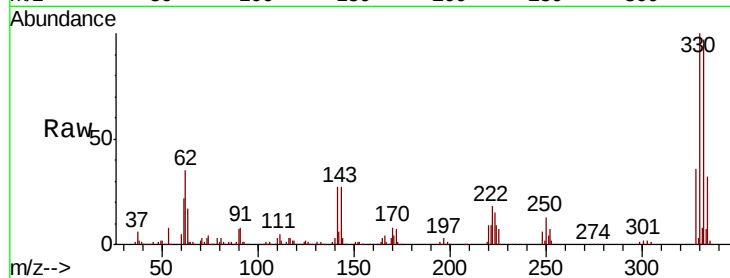




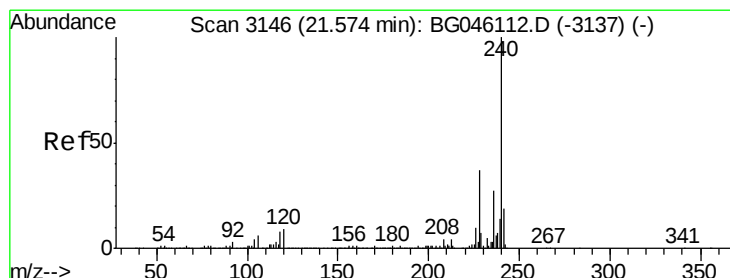
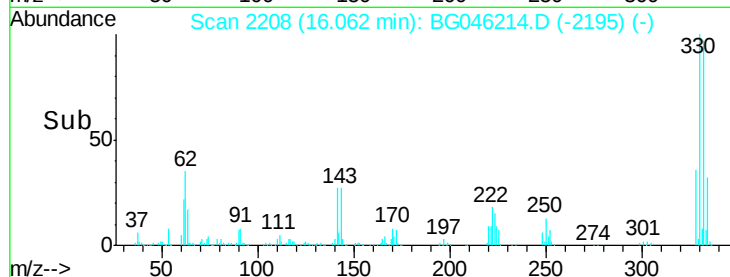
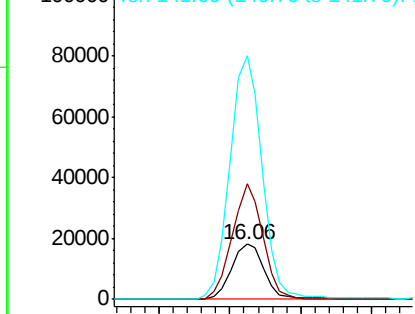
#67
4-Bromophenyl-phenylether
Concen: 3.715 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046214.D
Acq: 11 Aug 2020 10:19

Instrument :
BNA_G
ClientSampleID :
PB130837BL

Tot Ion:248 Resp: 29124
Ion Ratio Lower Upper
248 100
250 209.4 79.4 119.0#
141 442.1 50.9 76.3#

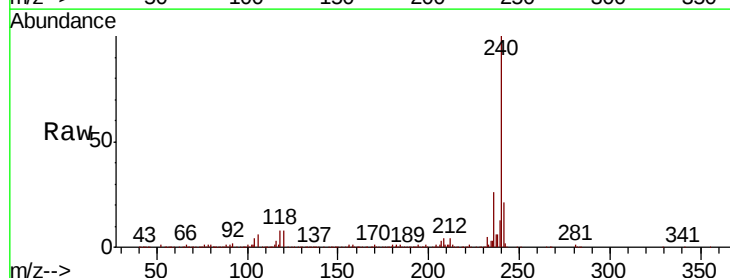


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

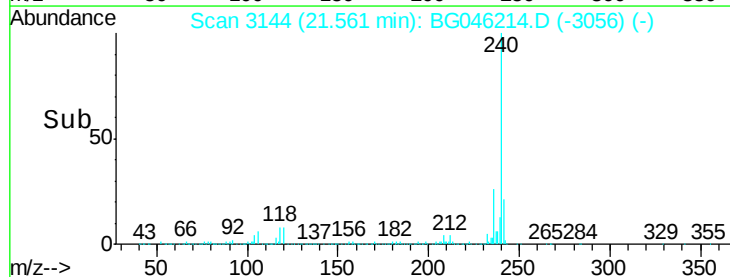
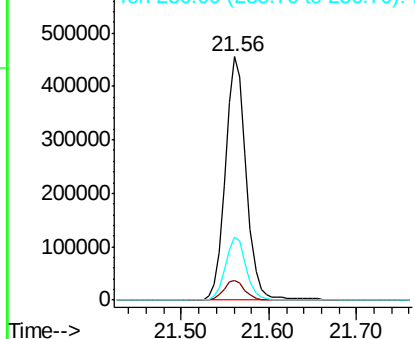


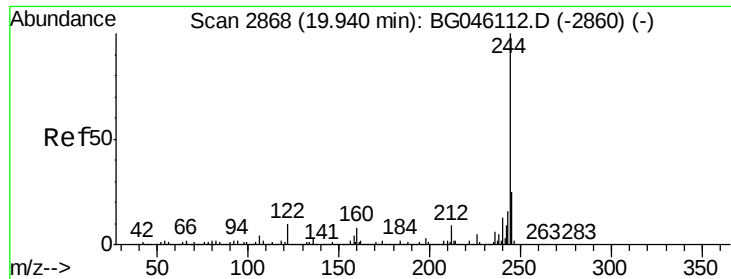
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046214.D
Acq: 11 Aug 2020 10:19

Tgt Ion:240 Resp: 746061
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.9 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: 62.742 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046214.D

Acq: 11 Aug 2020 10:19

Instrument :

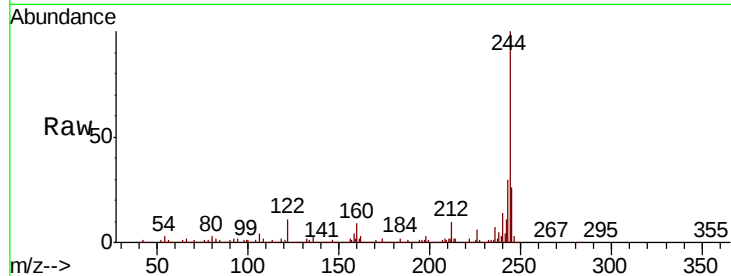
BNA_G

ClientSampleId :

PB130837BL

Tot Ion:244 Resp: 2298378

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.2	10.8
122	10.8	8.3	12.5

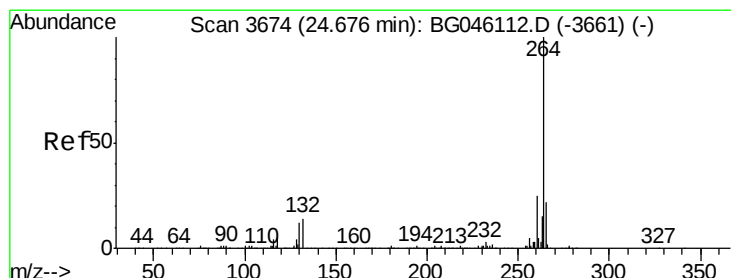
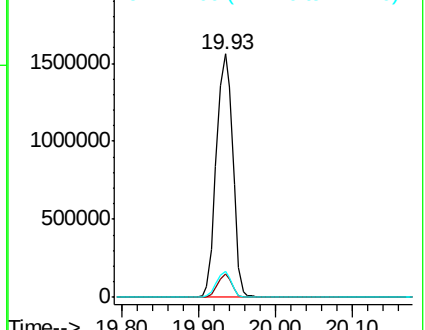
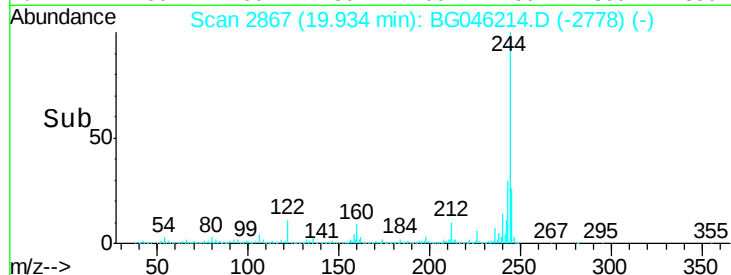


Abundance

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

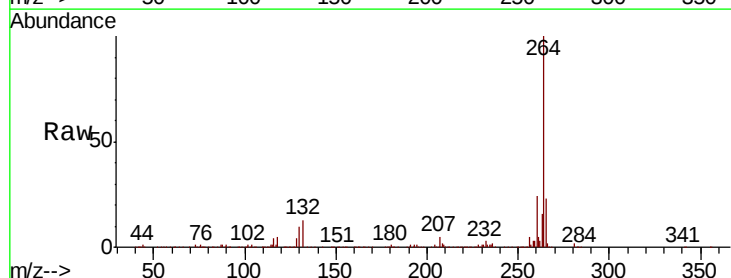
Delta R.T. -0.01 min

Lab File: BG046214.D

Acq: 11 Aug 2020 10:19

Tgt Ion:264 Resp: 741328

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.6	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

