

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080320\
 Data File : BG046152.D
 Acq On : 3 Aug 2020 16:40
 Operator : CG/JU
 Sample : PB130691BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BL

Quant Time: Aug 03 17:32:29 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

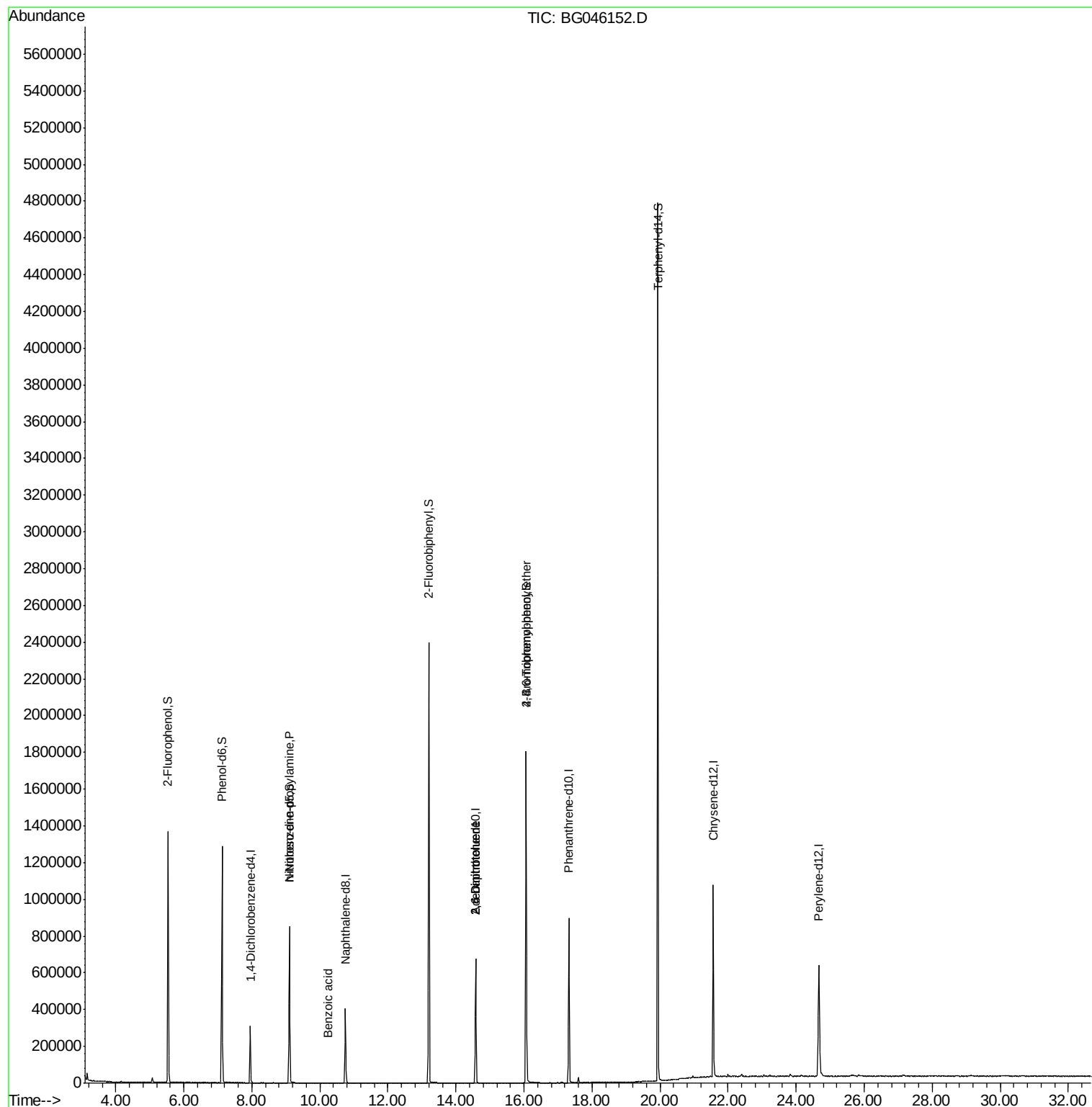
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	92133	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	360311	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	236813	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	573963	20.00	ng	-0.01
76) Chrysene-d12	21.56	240	646466	20.00	ng	-0.01
86) Perylene-d12	24.67	264	654831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	594189	112.11	ng	0.00
7) Phenol-d6	7.12	99	768815	106.44	ng	0.00
23) Nitrobenzene-d5	9.10	82	521440	78.36	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	386727	106.32	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1241209	76.14	ng	0.00
79) Terphenyl-d14	19.94	244	2074717	65.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.10	70	67274	14.311	ng	# 80
32) Benzoic acid	10.24	122	60	9.422	ng	# 1
51) 2,6-Dinitrotoluene	14.58	165	31523	7.452	ng	# 30
57) 2,4-Dinitrotoluene	14.58	165	31523	5.420	ng	# 29
67) 4-Bromophenyl-phenylether	16.06	248	23870	3.366	ng	# 1

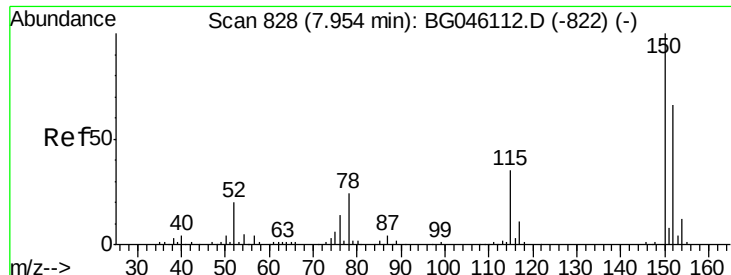
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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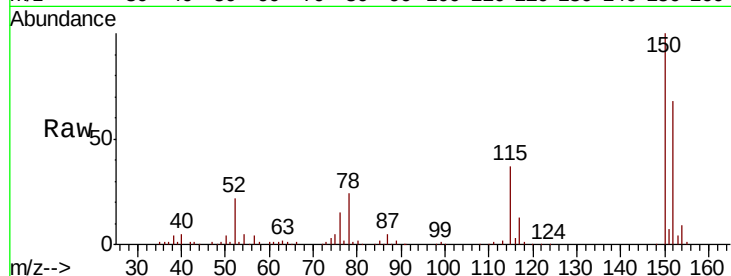


#1

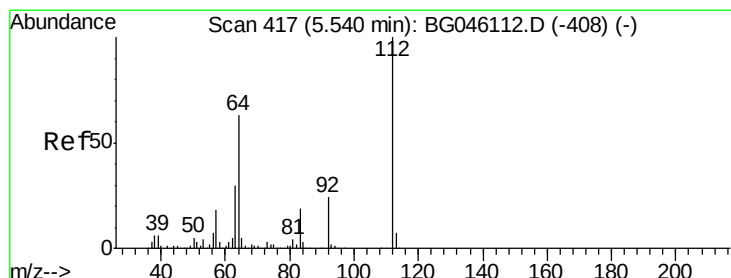
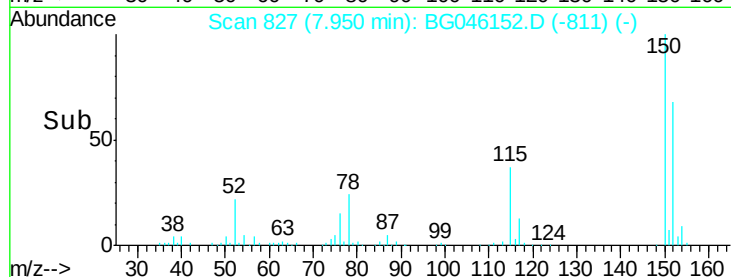
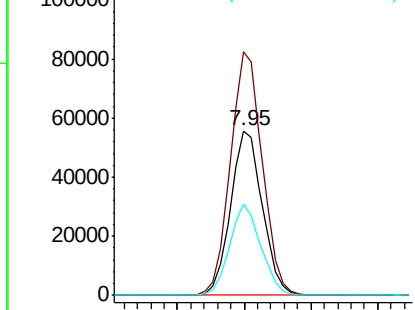
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB130691BL

Tot Ion:152 Resp: 92133
Ion Ratio Lower Upper
152 100
150 147.7 122.1 183.1
115 55.2 43.2 64.8



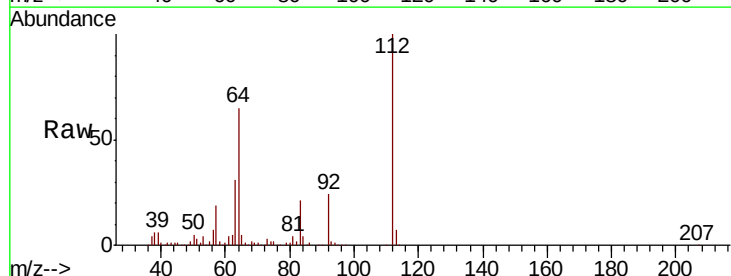
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



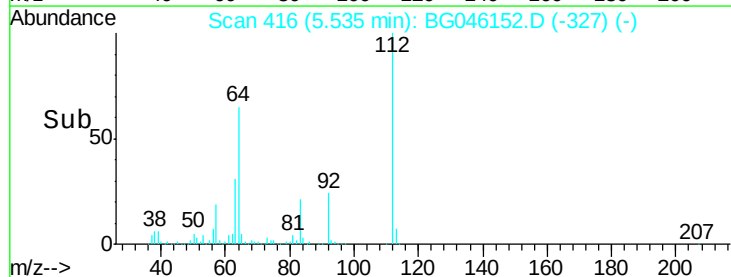
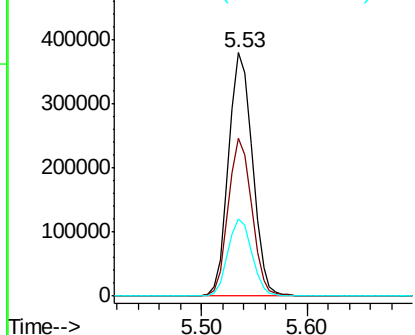
#5

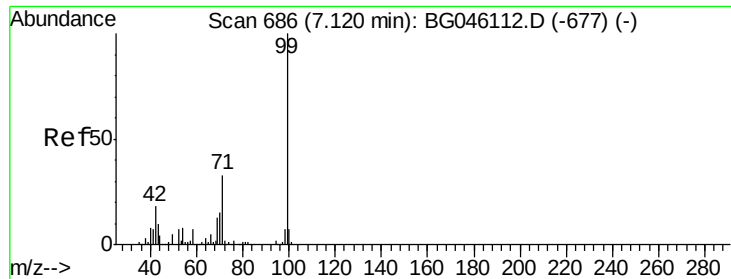
2-Fluorophenol
Concen: 112.112 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Tgt Ion:112 Resp: 594189
Ion Ratio Lower Upper
112 100
64 64.9 50.2 75.2
63 31.5 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: 106.438 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Instrument :

BNA_G

ClientSampleId :

PB130691BL

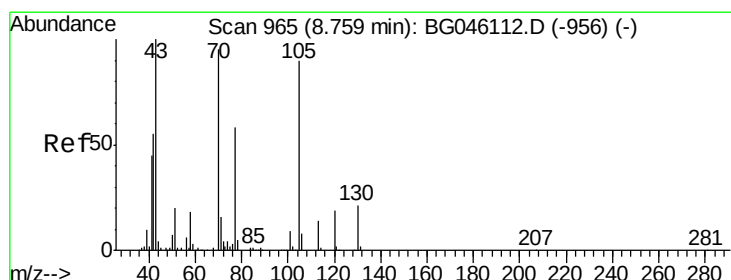
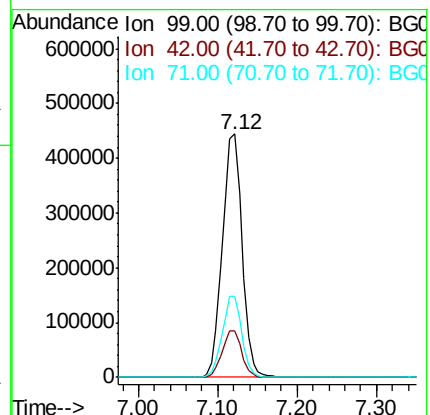
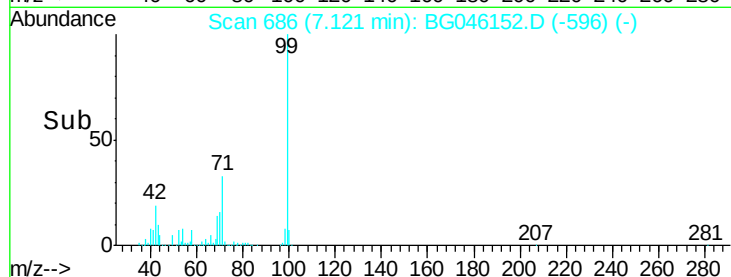
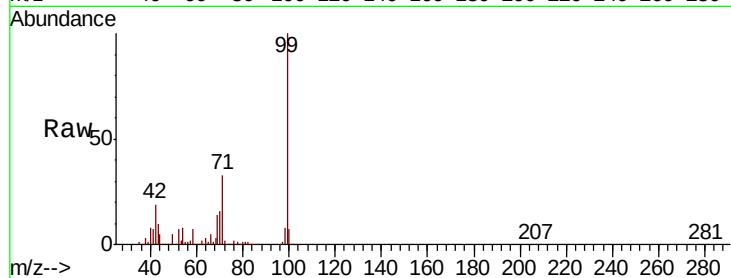
Tot Ion: 99 Resp: 768815

Ion Ratio Lower Upper

99 100

42 19.3 14.7 22.1

71 33.1 26.5 39.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.311 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.34 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Tgt Ion: 70 Resp: 67274

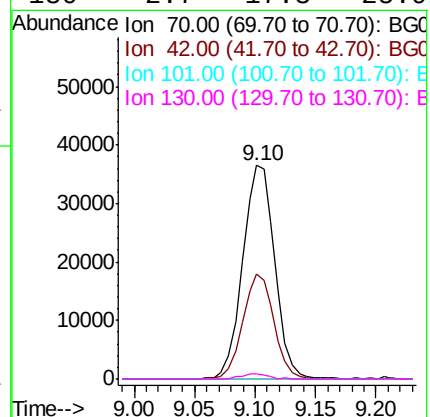
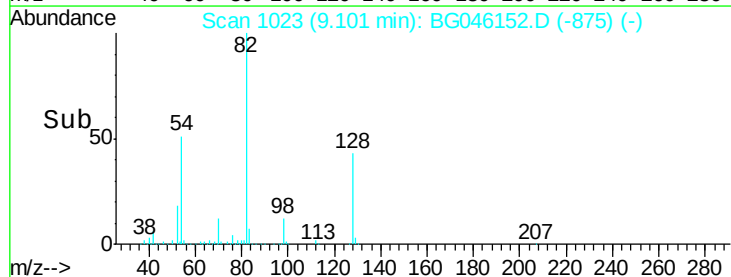
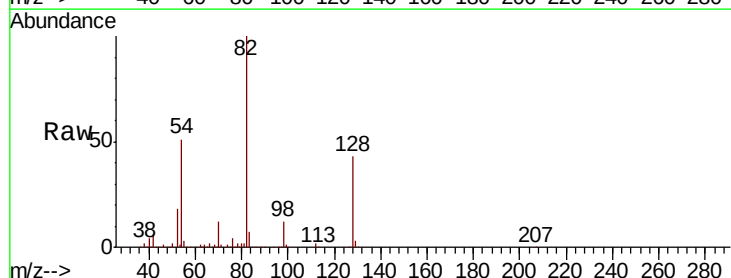
Ion Ratio Lower Upper

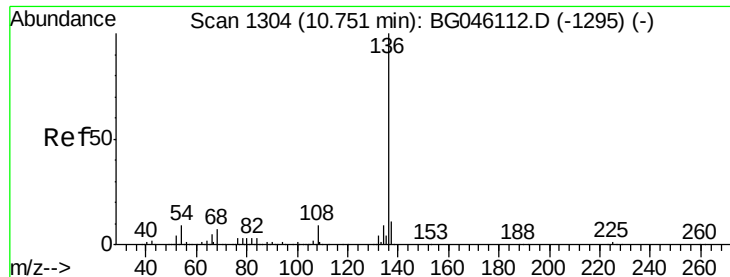
70 100

42 49.4 46.5 69.7

101 0.0 7.6 11.4#

130 2.7 17.3 25.9#

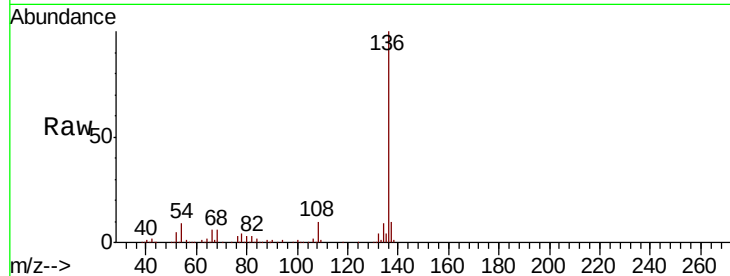




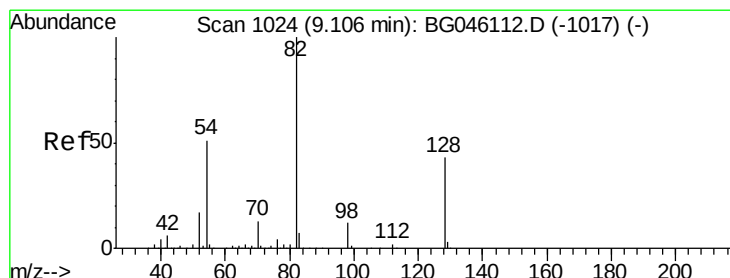
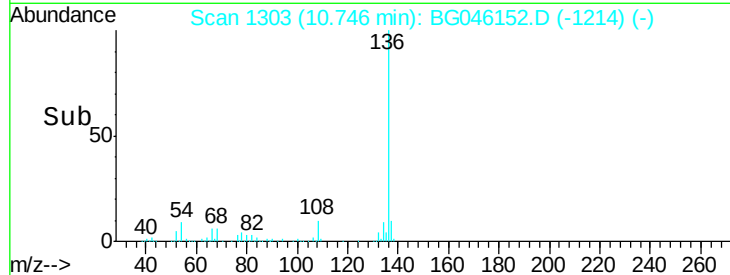
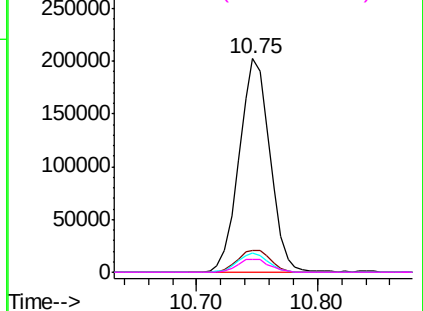
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB130691BL

Tot Ion:136	Resp: 360311
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 8.8	7.0 10.4
68 5.9	5.3 7.9

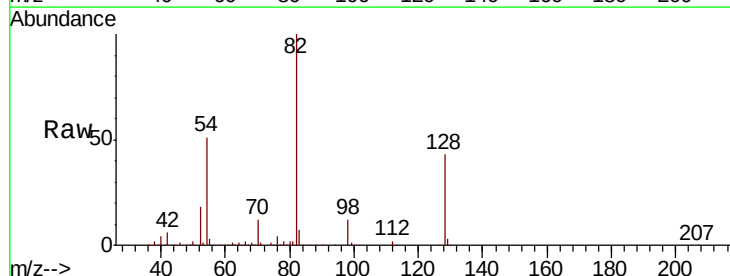


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

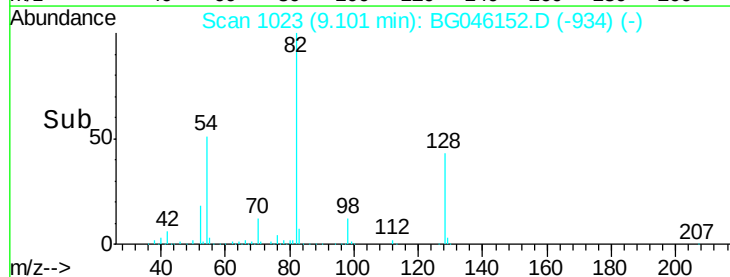
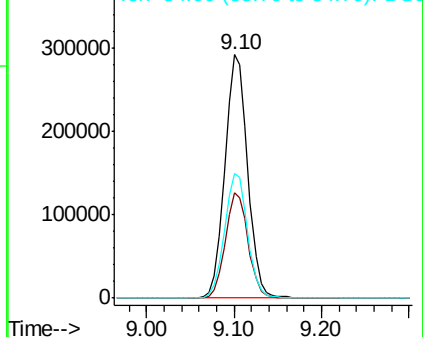


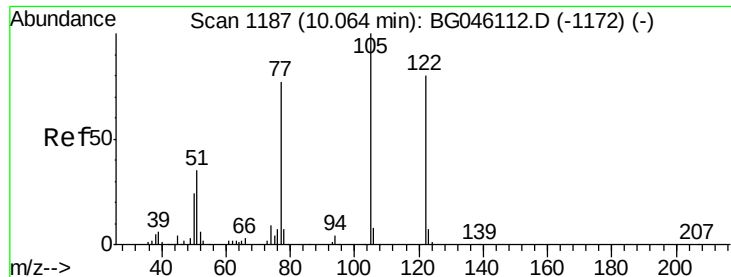
#23
Nitrobenzene-d5
Concen: 78.355 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Tgt Ion	82	Resp: Lower	521440 Upper
	Ratio		
82	100		
128	43.2	34.4	51.6
54	51.3	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

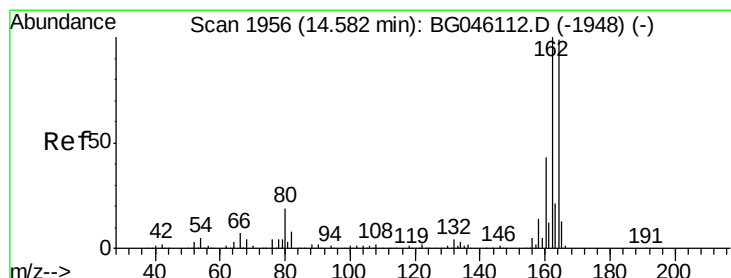
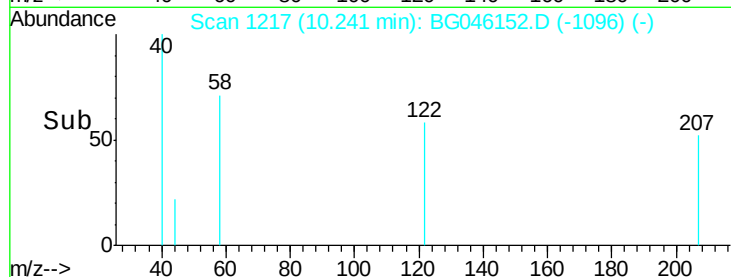
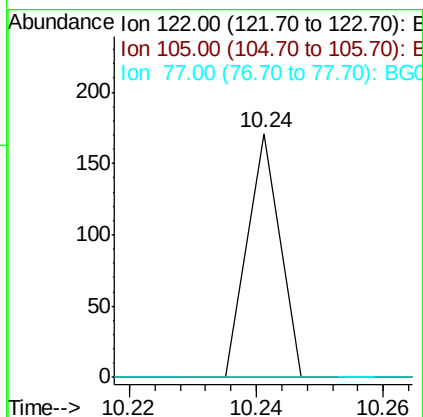
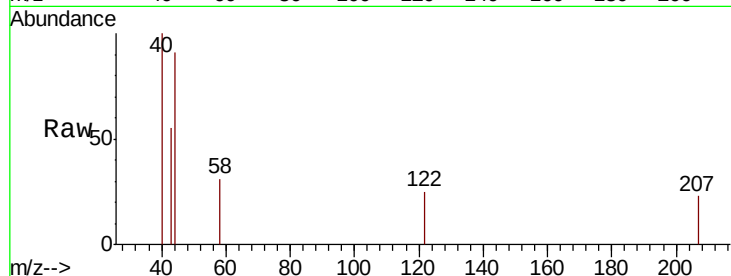




#32
Benzoic acid
Concen: 9.422 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.18 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

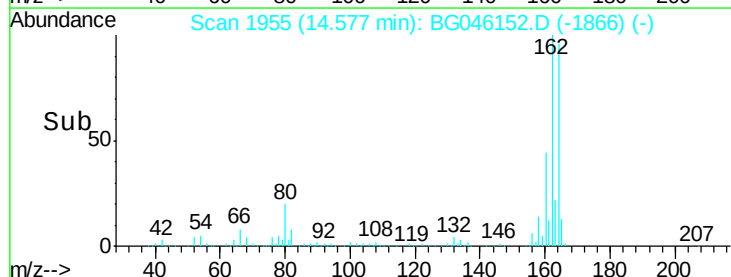
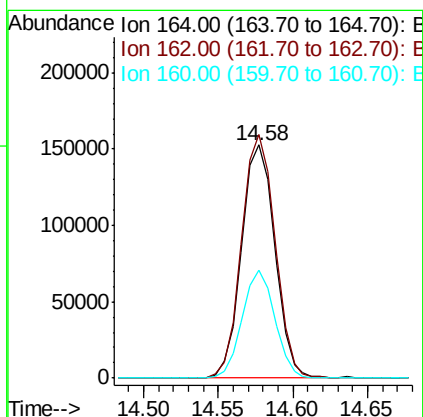
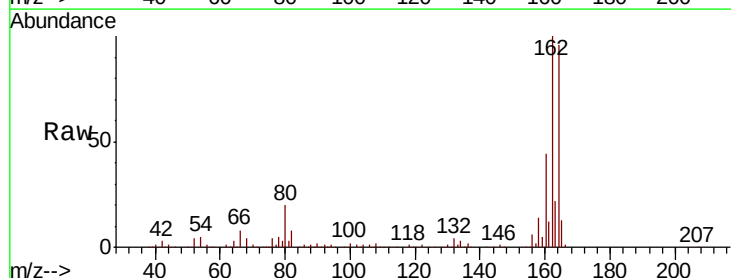
Instrument :
BNA_G
ClientSampleId :
PB130691BL

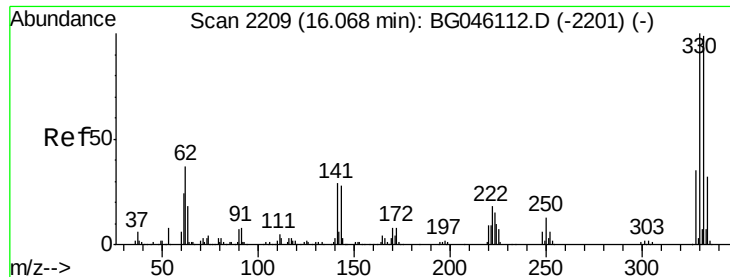
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.0	143.0#
77	0.0	75.2	115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	121.0
160	46.3	34.9	52.3

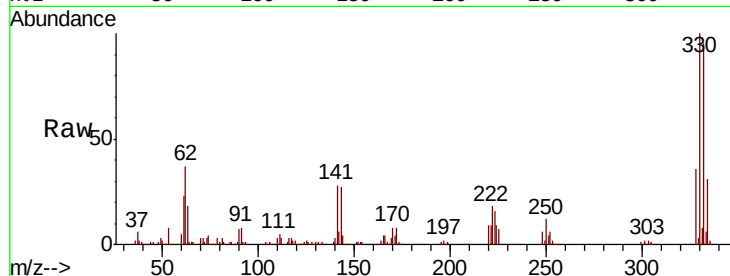




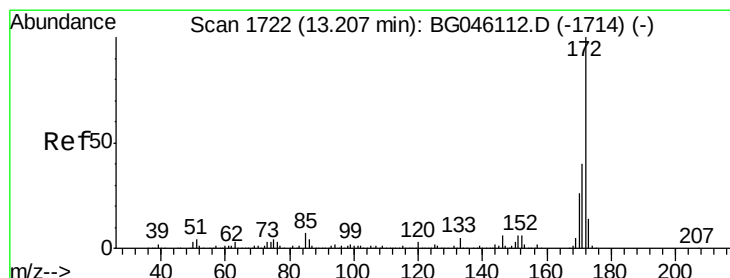
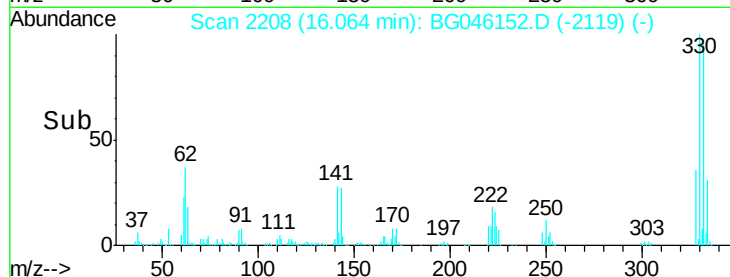
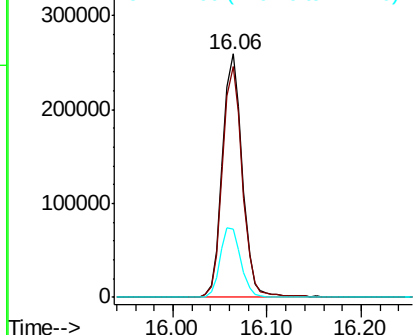
#42
 2,4,6-Tribromophenol
 Concen: 106.320 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BG046152.D
 Acq: 3 Aug 2020 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB130691BL

Tot Ion:330 Resp: 386727
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 29.6 23.4 35.0

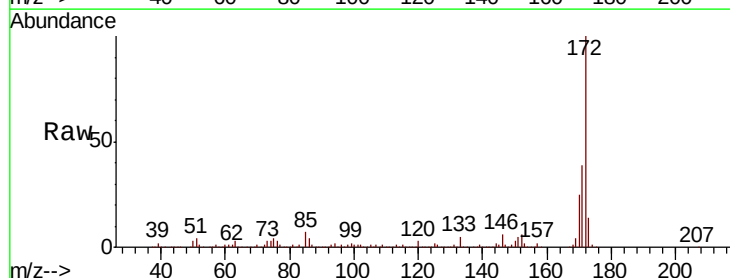


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

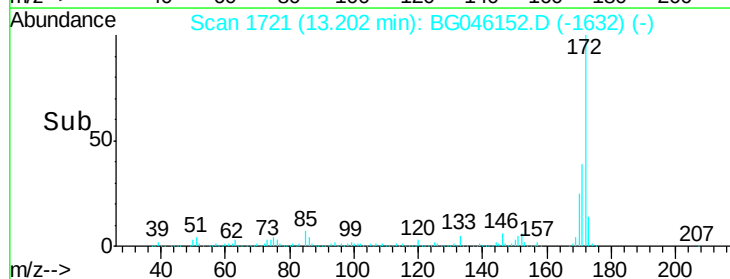
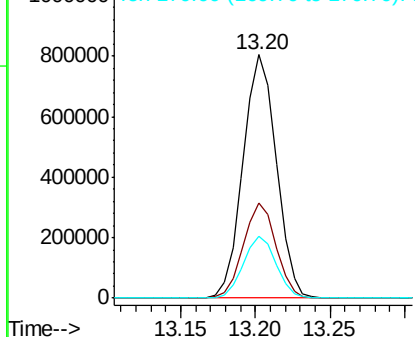


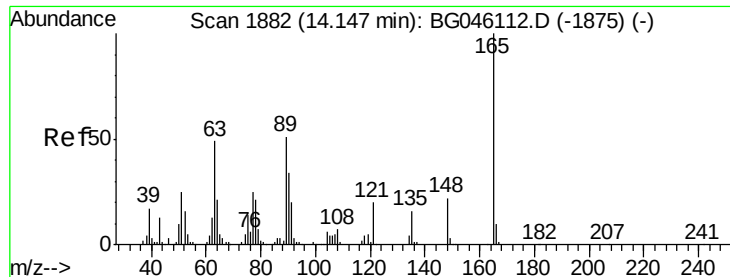
#45
 2-Fluorobiphenyl
 Concen: 76.137 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046152.D
 Acq: 3 Aug 2020 16:40

Tgt Ion:172 Resp: 1241209
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.7 47.5
 170 25.2 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: 7.452 ng

RT: 14.58 min Scan# 1955

Delta R.T. 0.43 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Instrument :

BNA_G

ClientSampled :

PB130691BL

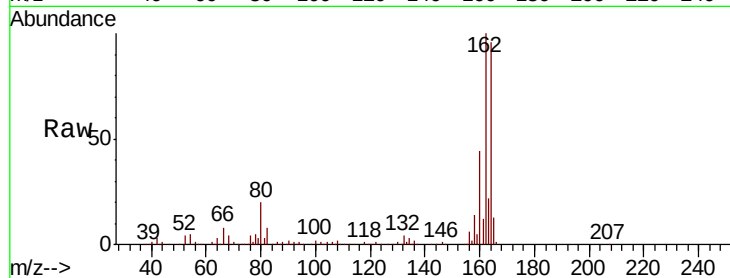
Tot Ion:165 Resp: 31523

Ion Ratio Lower Upper

165 100

63 2.2 39.7 59.5#

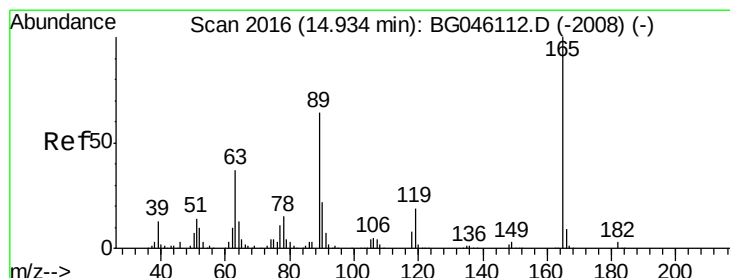
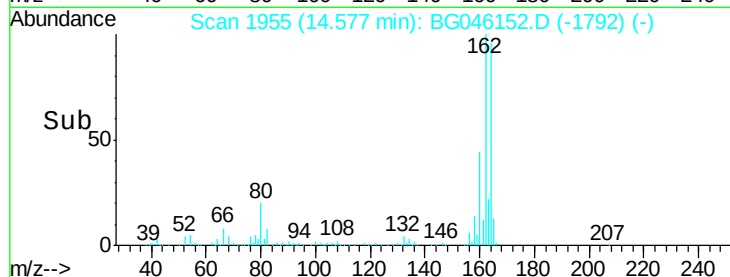
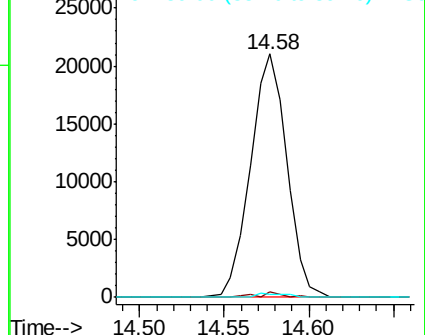
89 1.2 41.0 61.6#



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



#57

2,4-Dinitrotoluene

Concen: 5.420 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.36 min

Lab File: BG046152.D

Acq: 3 Aug 2020 16:40

Tgt Ion:165 Resp: 31523

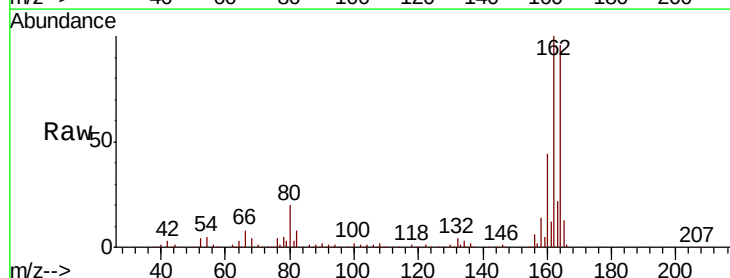
Ion Ratio Lower Upper

165 100

63 2.2 30.1 45.1#

89 1.2 51.4 77.2#

182 0.0 2.3 3.5#

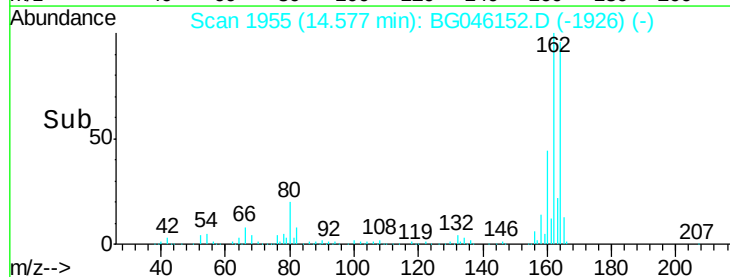
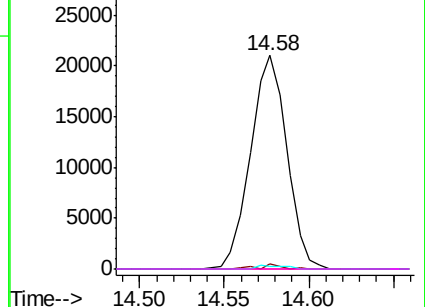


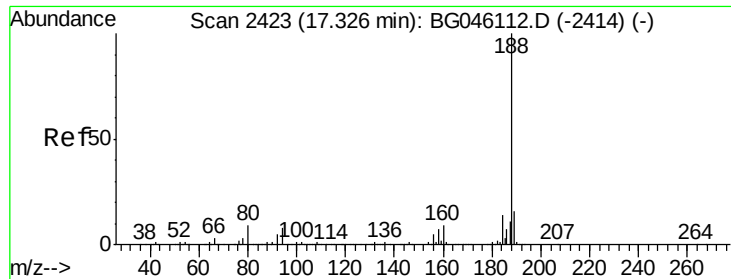
Abundance Ion 165.00 (164.70 to 165.70): E

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

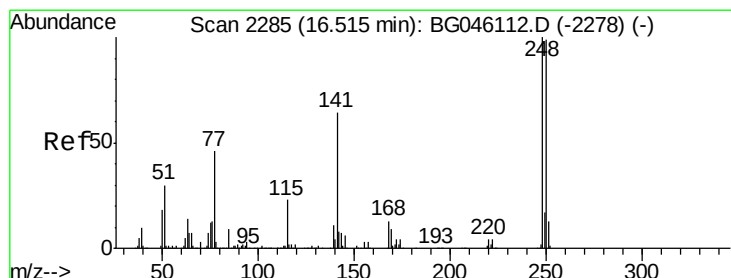
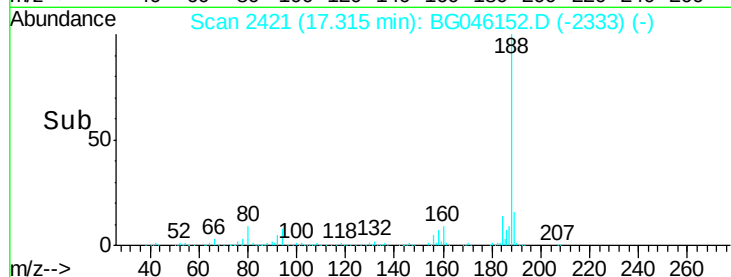
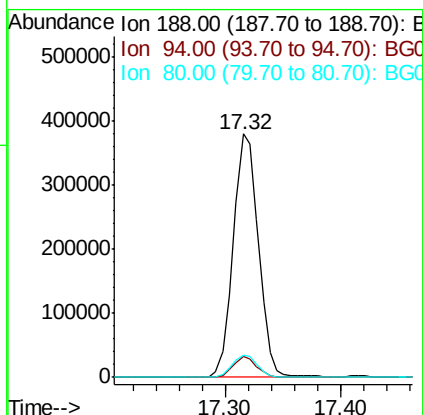
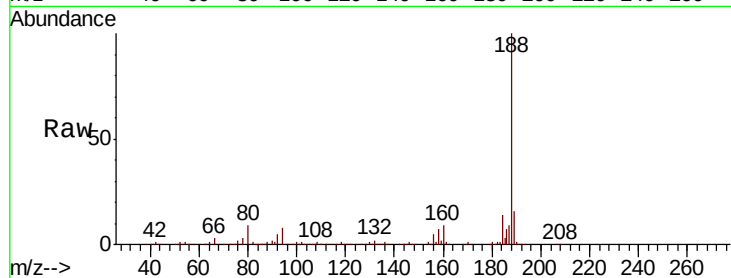




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

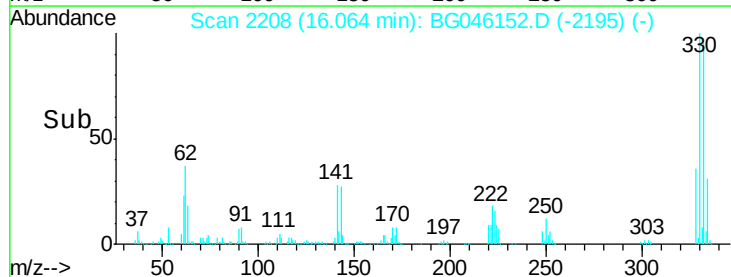
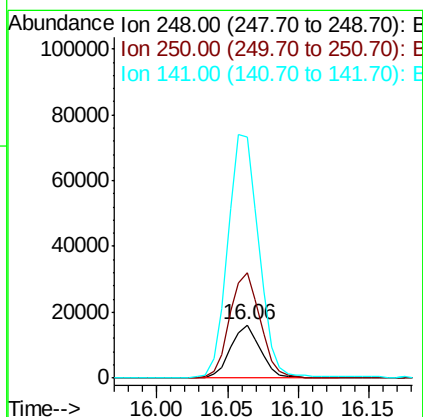
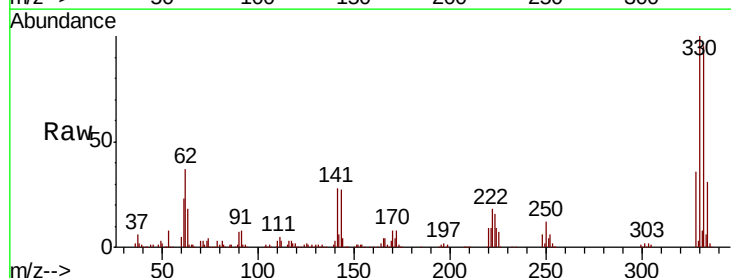
Instrument :
BNA_G
ClientSampleId :
PB130691BL

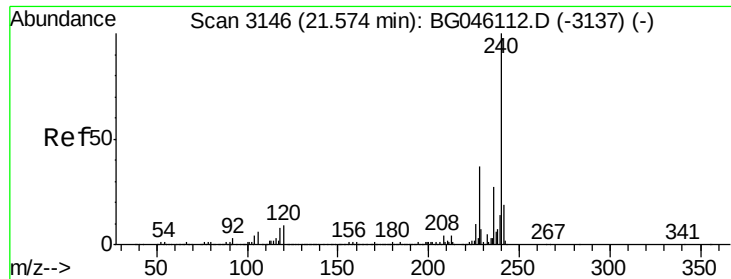
Tot Ion:188 Resp: 573963
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.1 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.366 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.45 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Tgt Ion:248 Resp: 23870
Ion Ratio Lower Upper
248 100
250 198.2 79.4 119.0#
141 452.8 50.9 76.3#

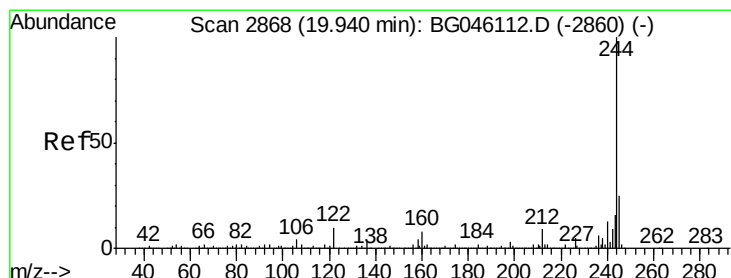
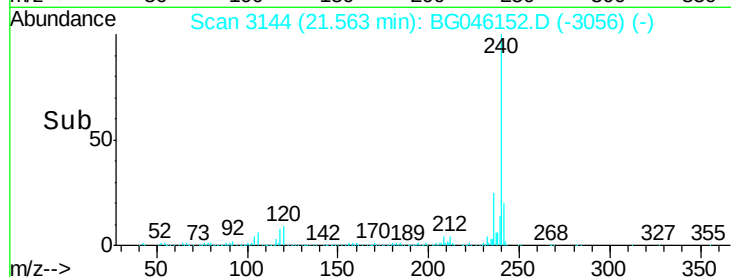
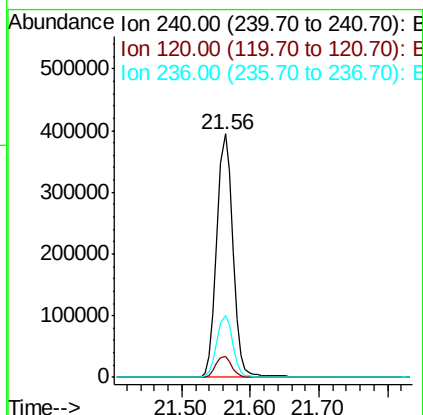
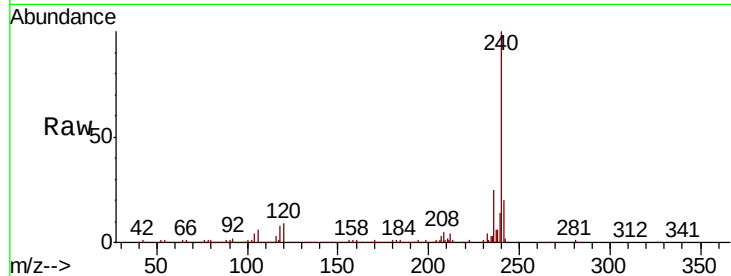




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

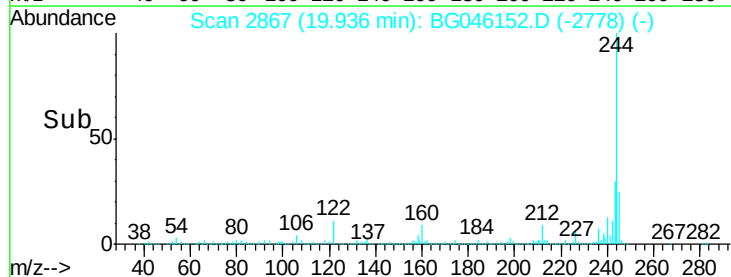
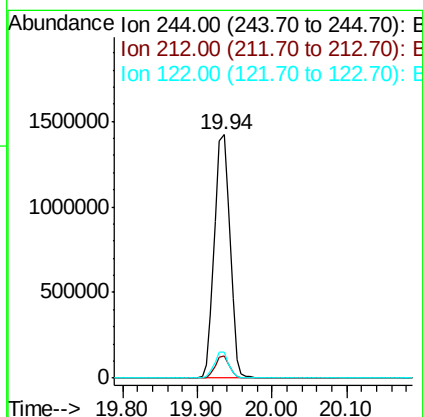
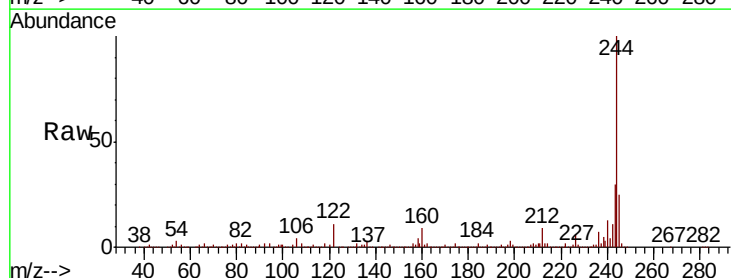
Instrument :
BNA_G
ClientSampleId :
PB130691BL

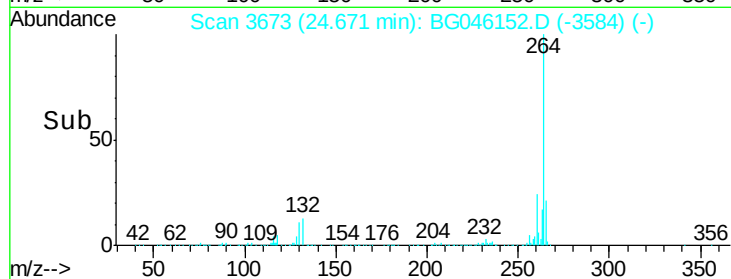
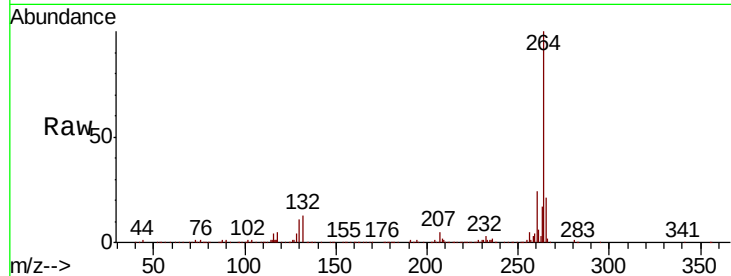
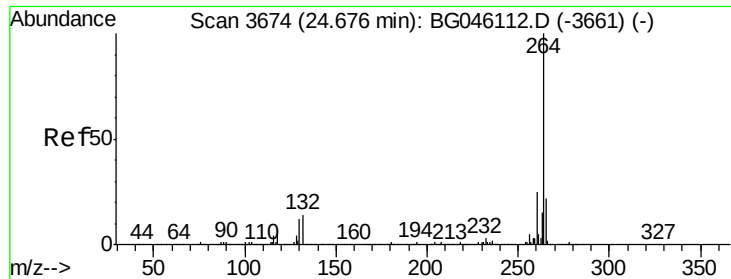
Tot Ion:240 Resp: 646466
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 25.4 21.7 32.5



#79
Terphenyl-d14
Concen: 65.362 ng
RT: 19.94 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Tgt Ion:244 Resp: 2074717
Ion Ratio Lower Upper
244 100
212 9.3 7.2 10.8
122 10.7 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BG046152.D
Acq: 3 Aug 2020 16:40

Instrument :
BNA_G
ClientSampleId :
PB130691BL

Tot Ion: 264 Resp: 654831

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.2	17.6	26.4

