

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040429.D
 Acq On : 11 Apr 2019 00:23
 Operator : JU/SJ
 Sample : PB118770BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 01:44:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63126	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	243968	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	154366	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	411601	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	411900	20.00	ng	-0.04
87) Perylene-d12	24.97	264	406652	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	372161	98.01	ng	-0.02
7) Phenol-d6	7.21	99	501216	95.51	ng	-0.02
23) Nitrobenzene-d5	9.22	82	300058	65.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	191941	115.05	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	693612	66.58	ng	-0.02
79) Terphenyl-d14	20.02	244	1207224	65.93	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	59	0.033	ng	# 15
3) Pyridine	4.03	79	73	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	292	0.131	ng	# 1
6) Aniline	7.22	93	53	0.008	ng	# 1
9) Benzaldehyde	7.20	77	870	0.242	ng	# 2
10) Phenol	7.58	94	864	0.152	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	695	0.152	ng	# 1
15) Benzyl Alcohol	8.36	79	4928	1.166	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	9.04	45	62	0.007	ng	# 73
19) n-Nitroso-di-n-propylamine	9.22	70	36716	9.758	ng	# 77
22) Acetophenone	9.10	105	80	0.013	ng	# 48
24) Nitrobenzene	9.22	77	815	0.171	ng	# 36
25) Isophorone	9.43	82	725	0.077	ng	# 67
35) Caprolactam	12.26	113	66	0.043	ng	# 1
41) Hexachlorocyclopentadiene	12.55	237	53	0.020	ng	# 24
46) 1,1'-Biphenyl	13.52	154	1019	0.084	ng	# 34
48) 2-Nitroaniline	13.29	65	1150	0.364	ng	# 37
49) Acenaphthylene	14.00	152	55	0.003	ng	# 59
51) 2,6-Dinitrotoluene	14.68	165	18947	6.985	ng	# 25
52) Acenaphthene	14.69	154	653	0.072	ng	# 3
57) 2,4-Dinitrotoluene	14.68	165	18947	5.027	ng	# 25
58) Fluorene	16.17	166	8501	0.740	ng	# 88
61) 4-Chlorophenyl-phenylether	15.34	204	57	0.009	ng	# 31
62) 4-Nitroaniline	16.18	138	60	0.019	ng	# 1
63) Azobenzene	16.17	77	1085	0.093	ng	# 5
65) 4,6-Dinitro-2-methylphenol	16.16	198	685	0.296	ng	# 73
66) n-Nitrosodiphenylamine	16.16	169	7158	0.594	ng	# 51
67) 4-Bromophenyl-phenylether	16.17	248	15113	3.263	ng	# 1
71) Phenanthrene	17.42	178	120	0.006	ng	# 1
72) Anthracene	17.42	178	120	0.006	ng	# 1
74) Di-n-butylphthalate	18.36	149	424	0.017	ng	# 77
75) Fluoranthene	19.78	202	63	0.002	ng	# 63
77) Benzidine	20.02	184	18372	1.235	ng	# 93
78) Pyrene	20.02	202	4812	0.178	ng	# 64

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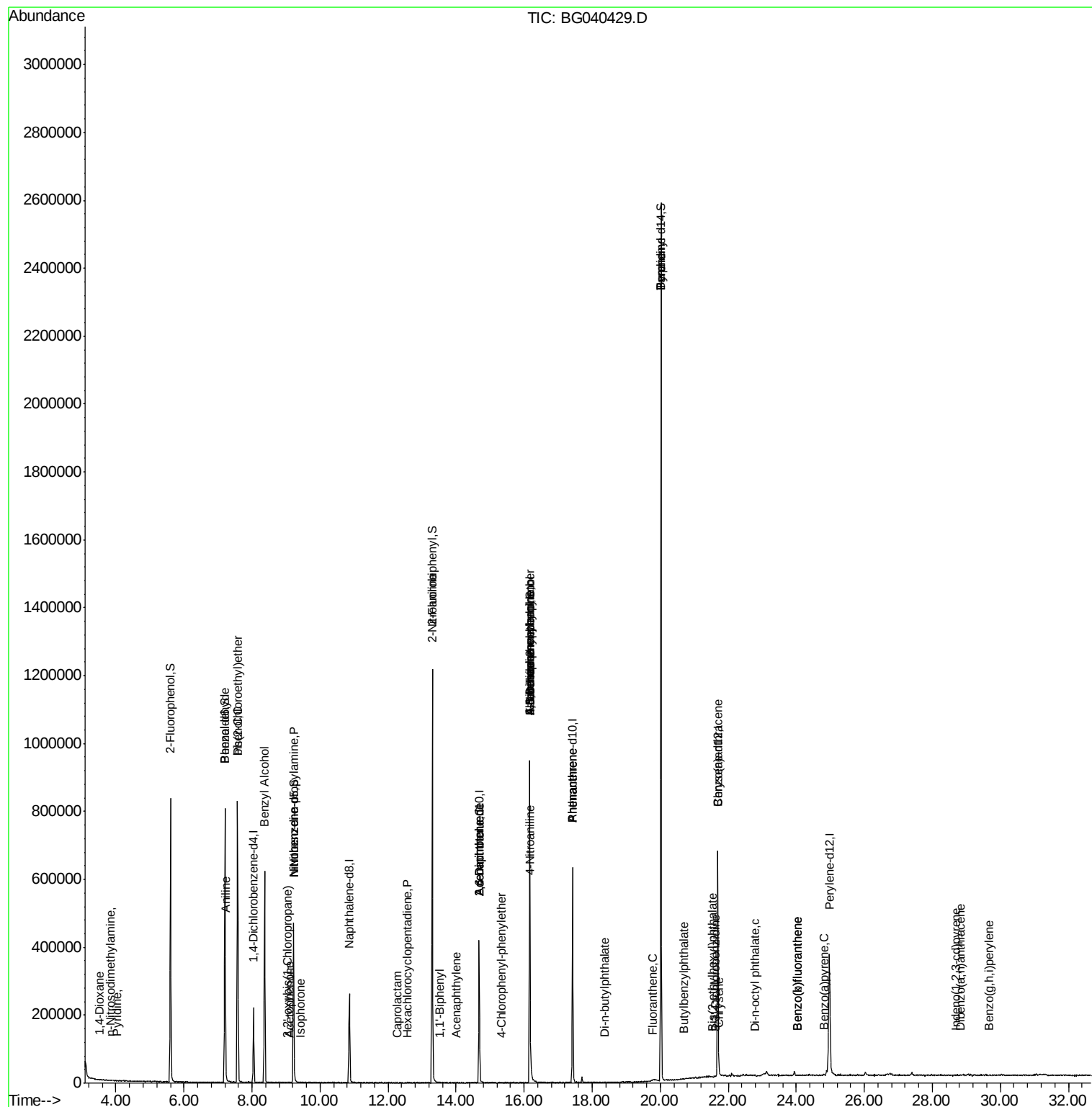
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	20.70	149	74	0.006	ng	# 23
81) Benzo(a)anthracene	21.69	228	1163	0.046	ng	# 41
82) 3,3'-Dichlorobenzidine	21.62	252	60	0.006	ng	# 26
83) Chrysene	21.74	228	57	0.002	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.54	149	408	0.025	ng	# 50
85) Di-n-octyl phthalate	22.77	149	196	0.007	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.69	276	74	0.002	ng	# 50
88) Benzo(b)fluoranthene	24.02	252	69	0.003	ng	# 11
89) Benzo(k)fluoranthene	24.02	252	69	0.003	ng	# 13
90) Benzo(a)pyrene	24.83	252	56	0.002	ng	# 59
91) Dibenzo(a,h)anthracene	28.83	278	57	0.003	ng	# 57
92) Benzo(a,h,i)perylene	29.67	276	54	0.002	ng	# 55

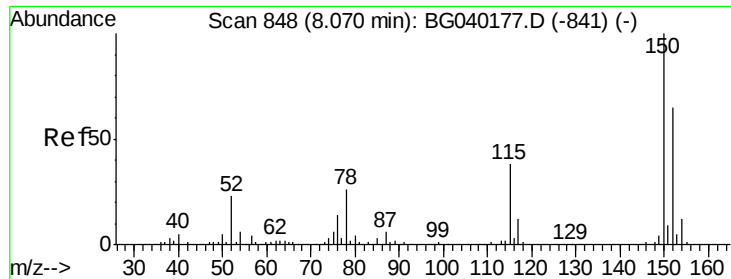
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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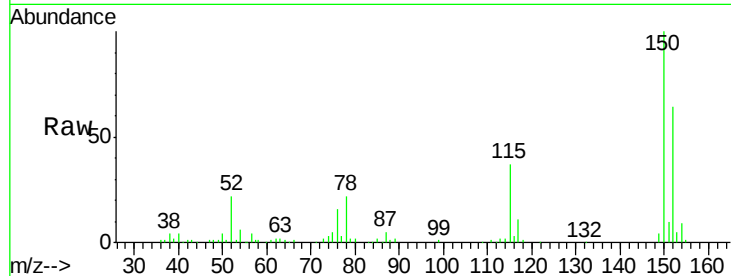


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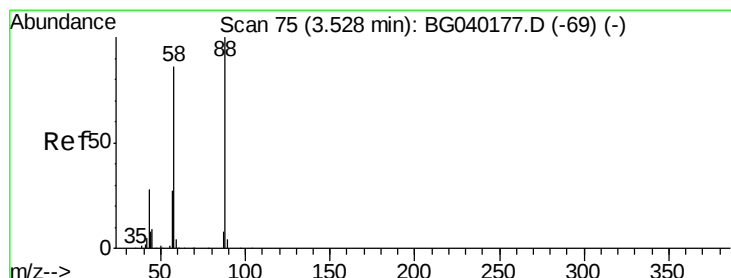
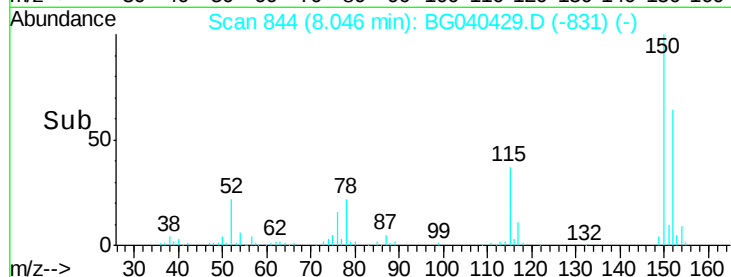
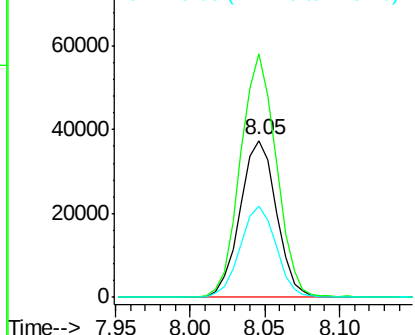
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63126
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 58.1 46.9 70.3



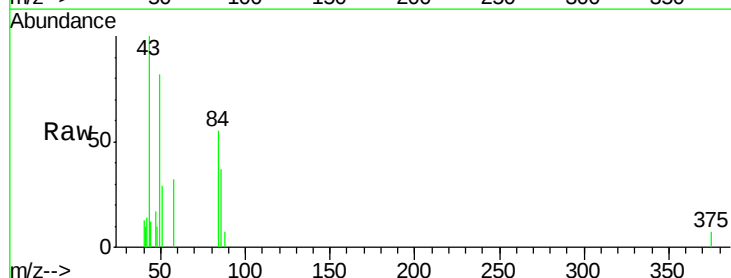
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



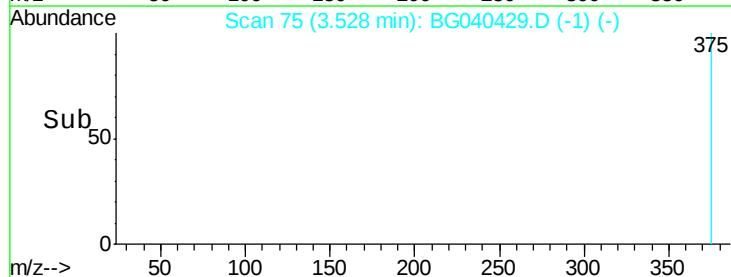
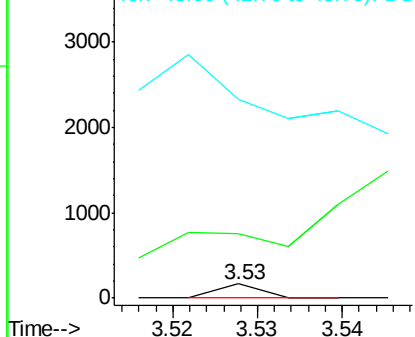
#2

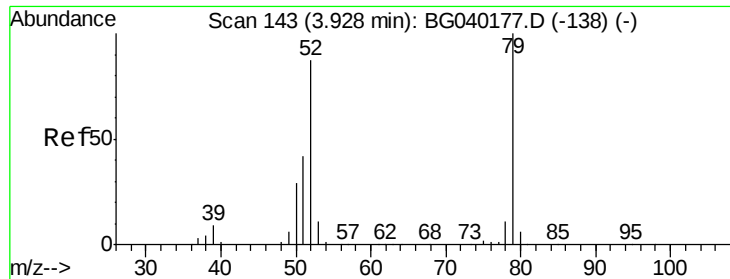
1,4-Dioxane
Concen: 0.033 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.00 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 0.0 70.6 106.0#
43 0.0 24.8 37.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.015 ng

RT: 4.03 min Scan# 160

Delta R.T. 0.10 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

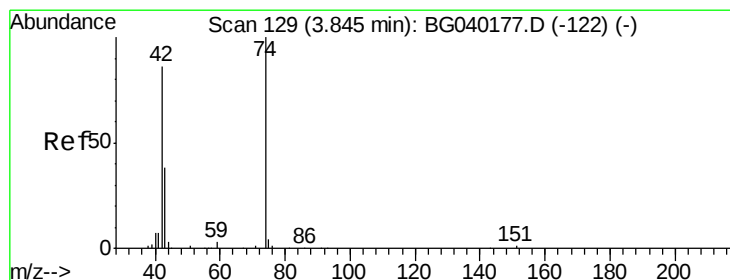
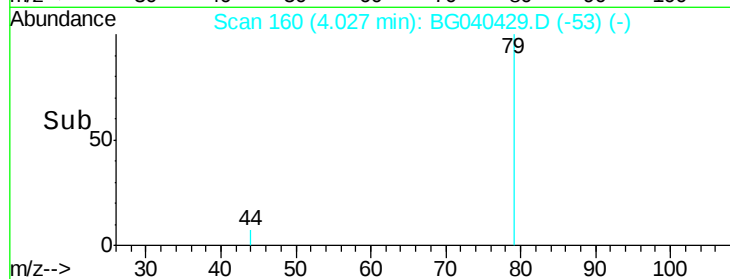
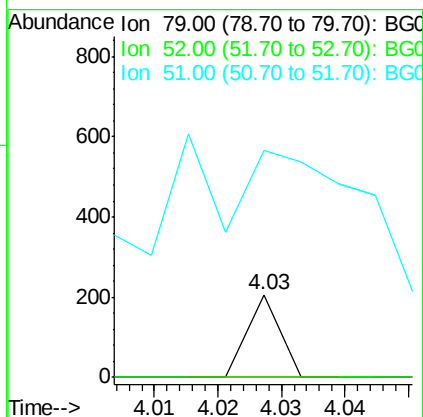
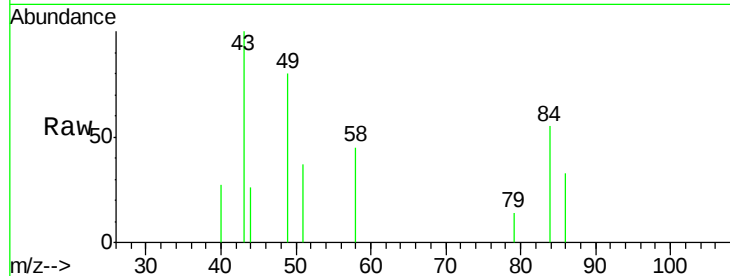
Tot Ion: 79 Resp: 73

Ion Ratio Lower Upper

79 100

52 0.0 69.8 104.8#

51 272.9 33.9 50.9#



#4

n-Nitrosodimethylamine

Concen: 0.131 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

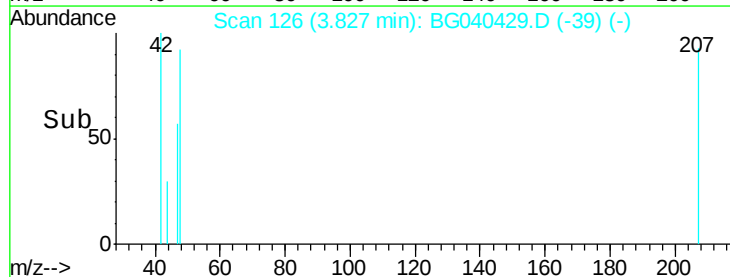
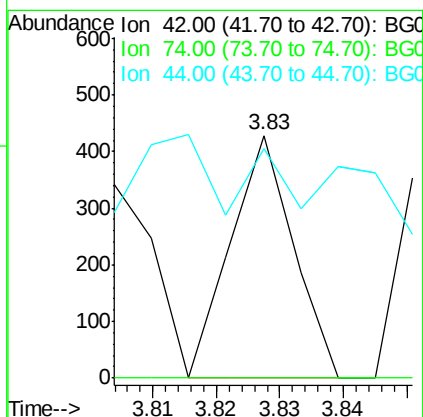
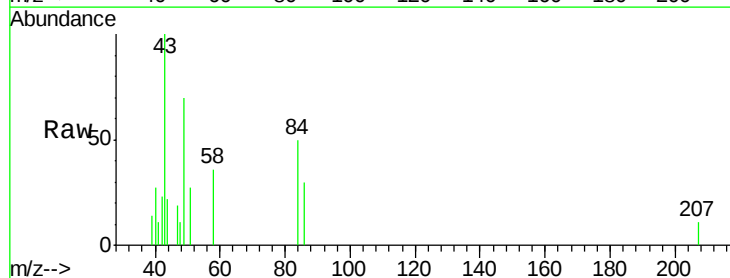
Tgt Ion: 42 Resp: 292

Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

44 94.6 9.7 14.5#





#5

2-Fluorophenol

Concen: 98.008 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

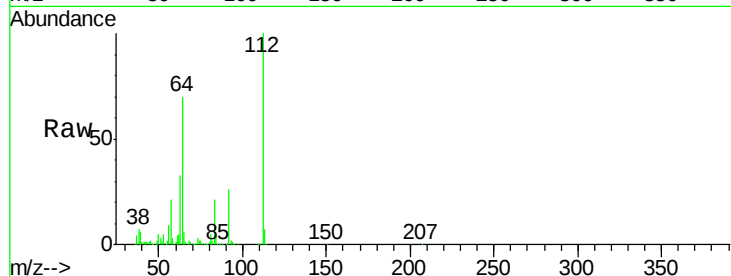
Tot Ion:112 Resp: 372161

Ion Ratio Lower Upper

112 100

64 69.7 54.2 81.2

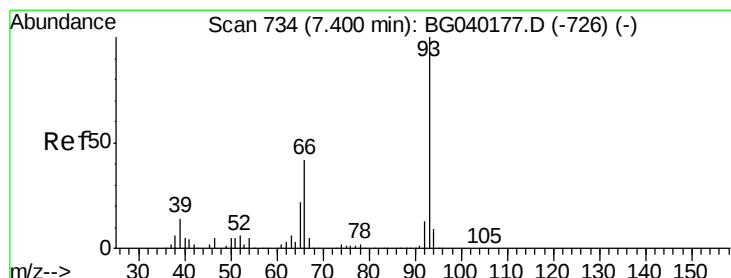
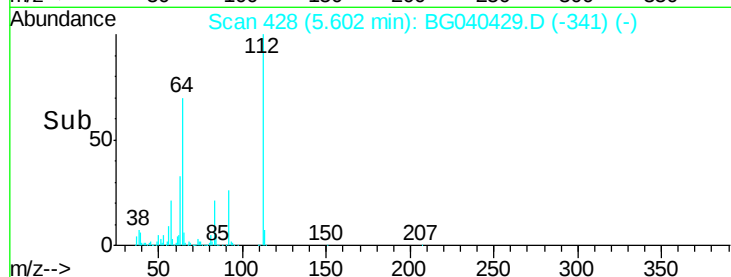
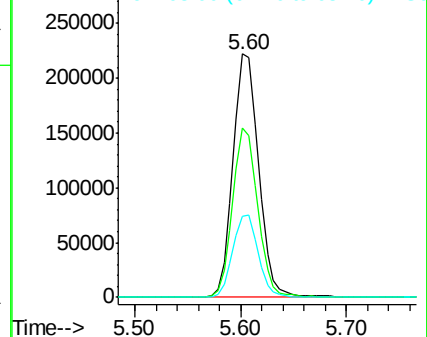
63 33.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.008 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.18 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

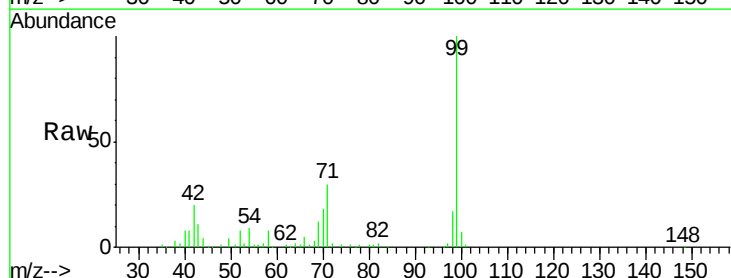
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

93 100

66 1804.7 33.6 50.4#

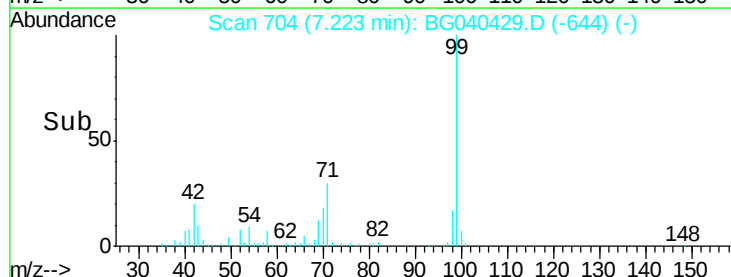
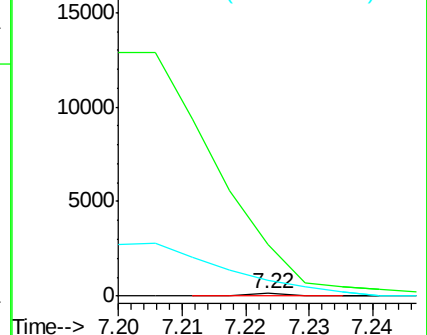
65 568.0 17.4 26.2#

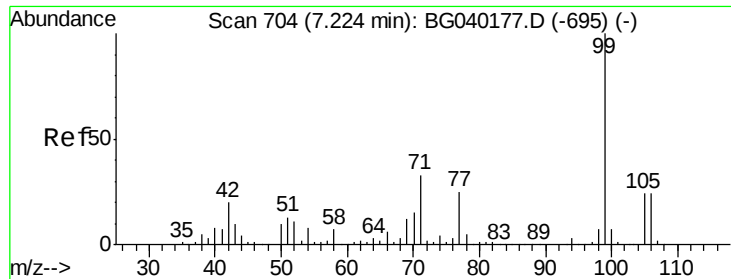


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 95.509 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

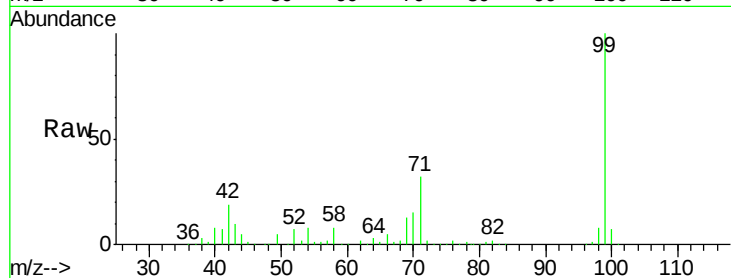
Tot Ion: 99 Resp: 501216

Ion Ratio Lower Upper

99 100

42 19.4 16.2 24.2

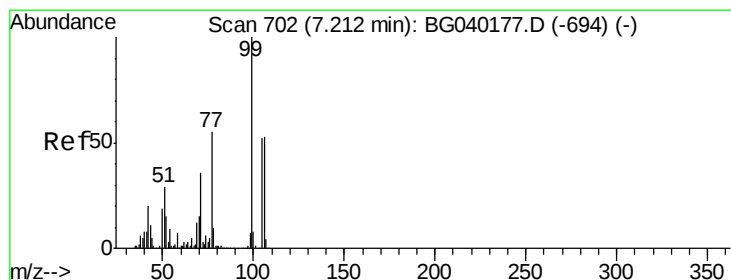
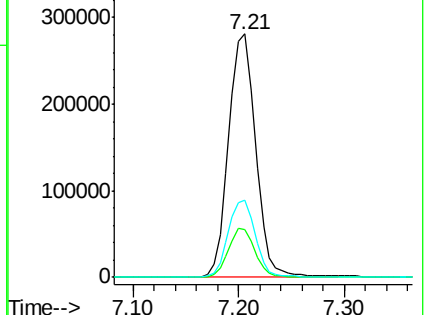
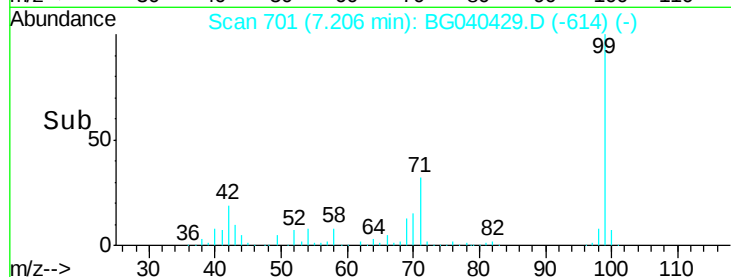
71 32.0 26.8 40.2



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



#9

Benzaldehyde

Concen: 0.242 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

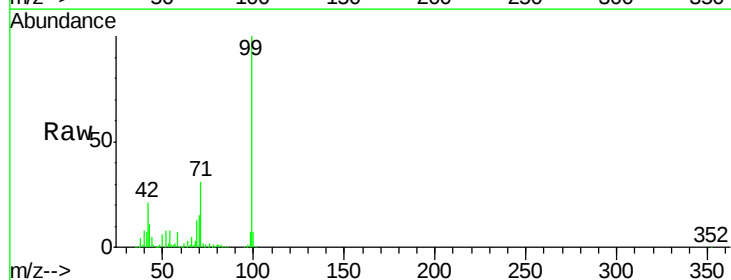
Tgt Ion: 77 Resp: 870

Ion Ratio Lower Upper

77 100

105 0.0 75.0 115.0#

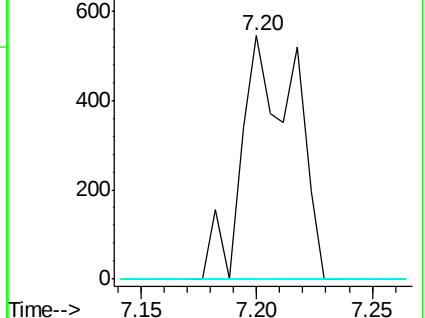
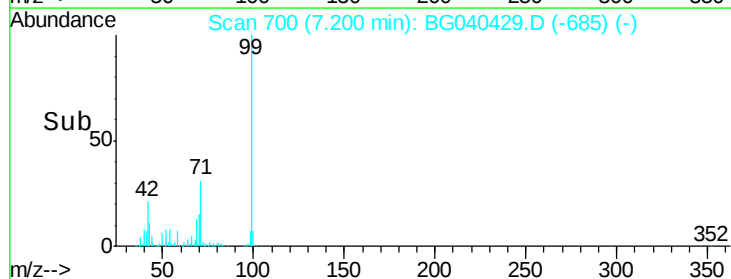
106 0.0 75.7 115.7#

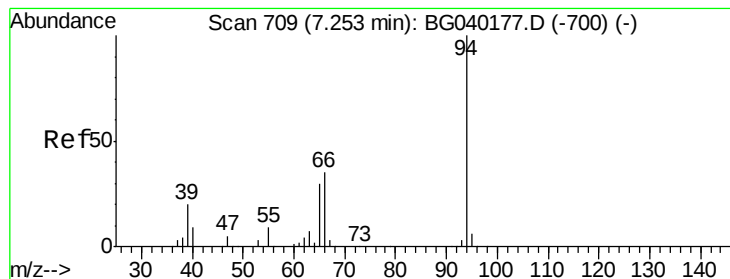


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.152 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.32 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampled :

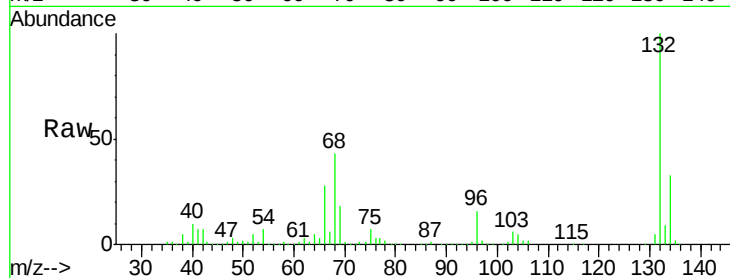
Tot Ion: 94 Resp: 864

Ion Ratio Lower Upper

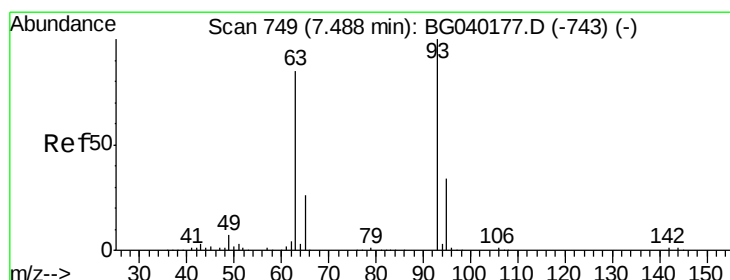
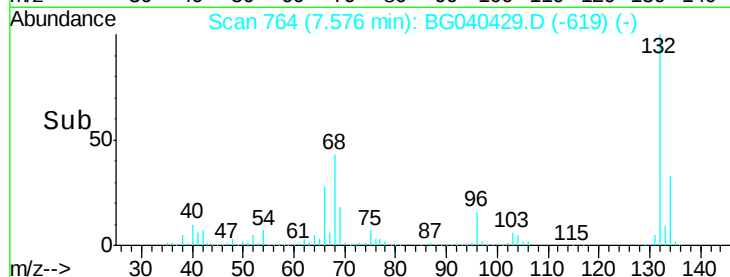
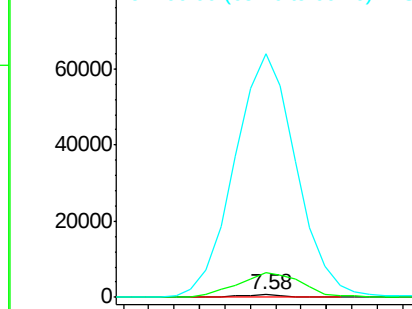
94 100

65 955.6 10.5 50.5#

66 9632.5 16.9 56.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 0.152 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.09 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

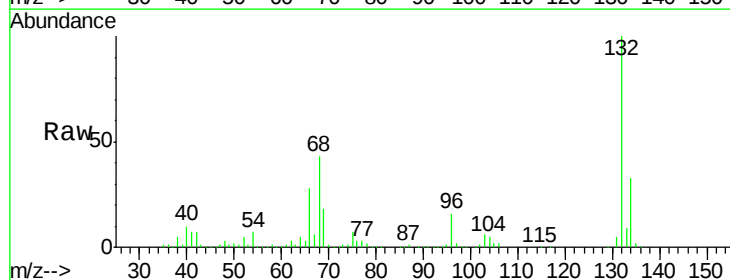
Tgt Ion: 93 Resp: 695

Ion Ratio Lower Upper

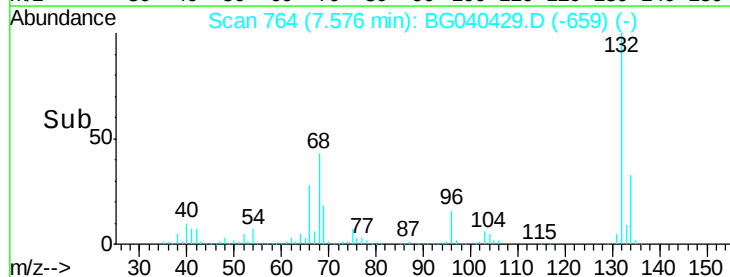
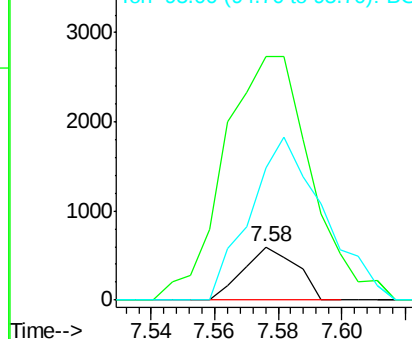
93 100

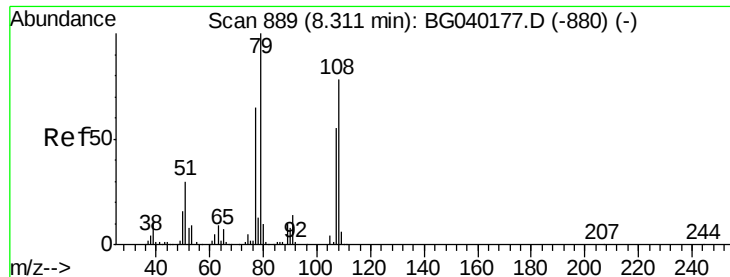
63 458.4 64.2 104.2#

95 248.8 14.0 54.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 1.166 ng

RT: 8.36 min Scan# 898

Delta R.T. 0.05 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

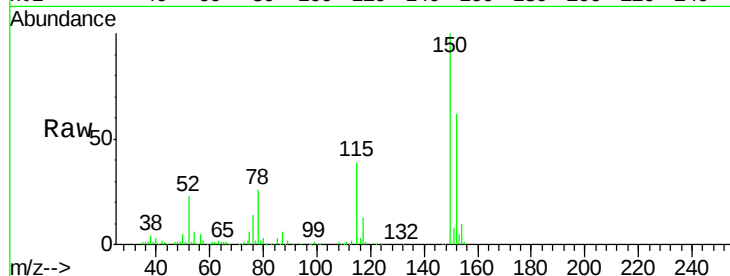
Tot Ion: 79 Resp: 4928

Ion Ratio Lower Upper

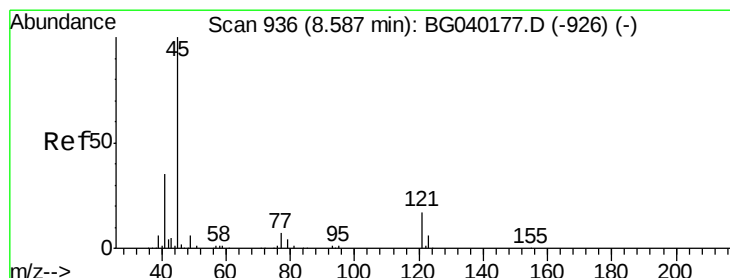
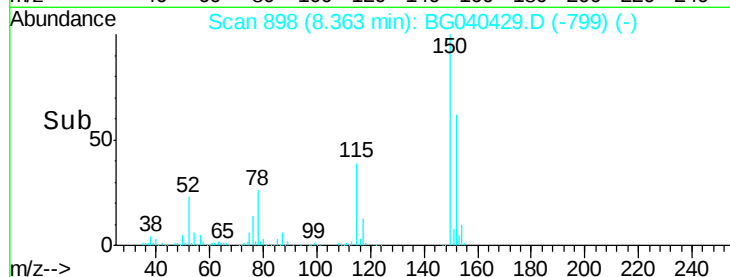
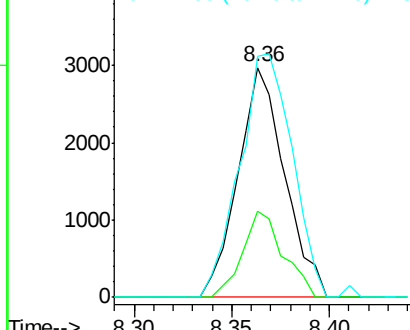
79 100

108 37.5 62.1 93.1#

77 105.0 51.9 77.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.007 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.46 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

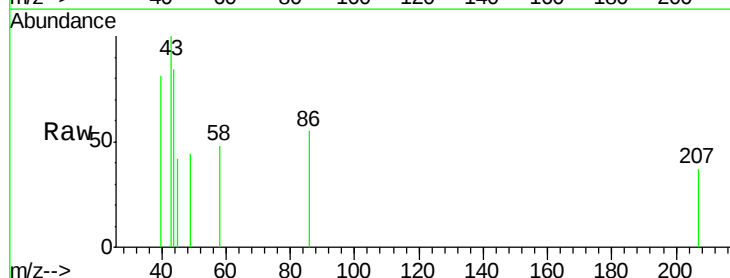
Tgt Ion: 45 Resp: 62

Ion Ratio Lower Upper

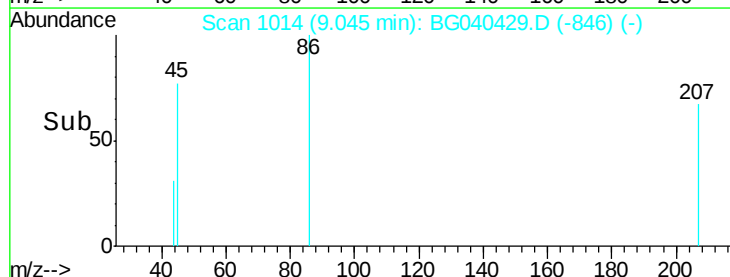
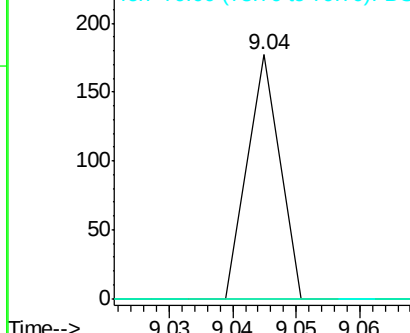
45 100

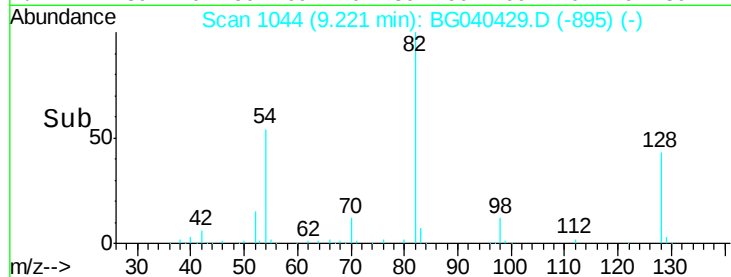
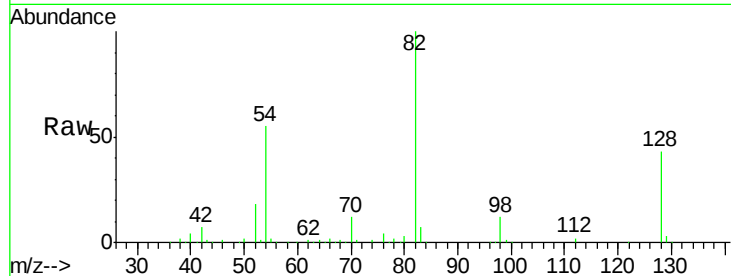
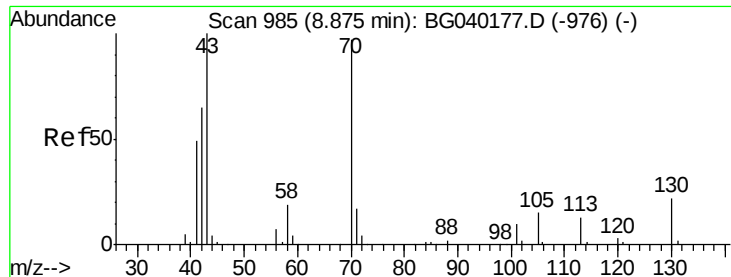
77 0.0 0.0 31.4

79 0.0 0.0 28.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

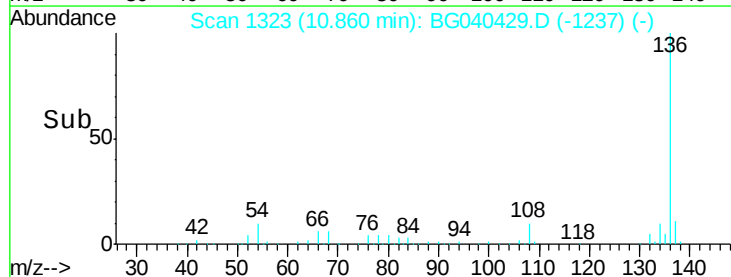
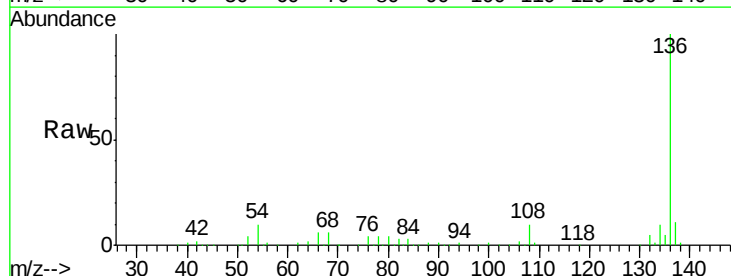
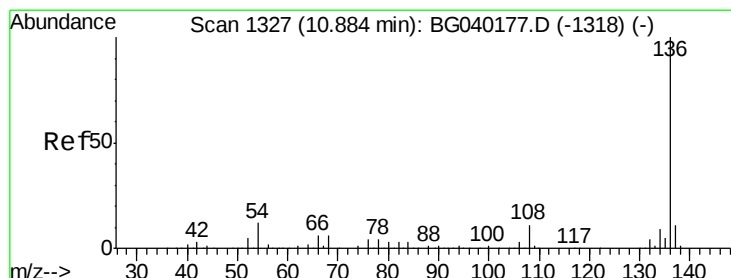
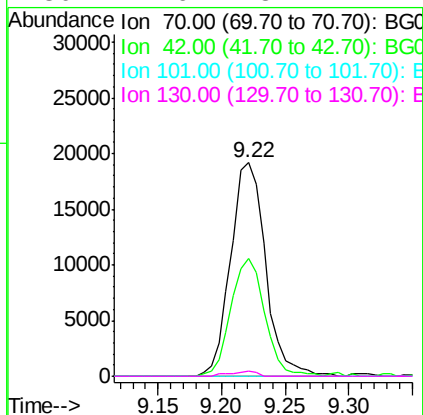




#19
n-Nitroso-di-n-propylamine
Concen: 9.758 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

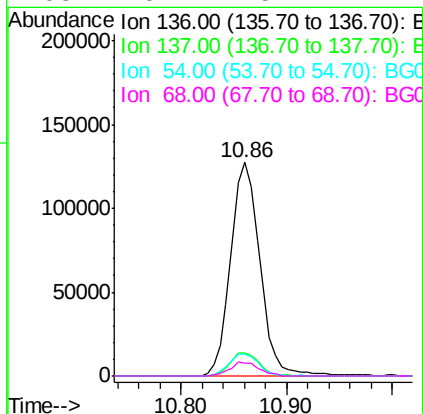
Instrument :
BNA_G
ClientSampled :

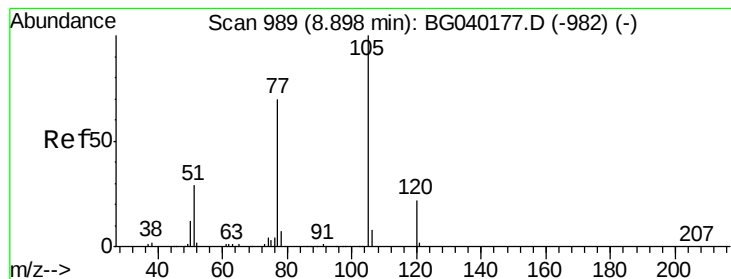
Tot Ion: 70 Resp: 36716
Ion Ratio Lower Upper
70 100
42 54.9 54.0 81.0
101 0.0 8.6 13.0#
130 2.6 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion: 136 Resp: 243968
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.3 9.6 14.4
68 6.2 5.1 7.7





#22

Acetophenone

Concen: 0.013 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.21 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 80

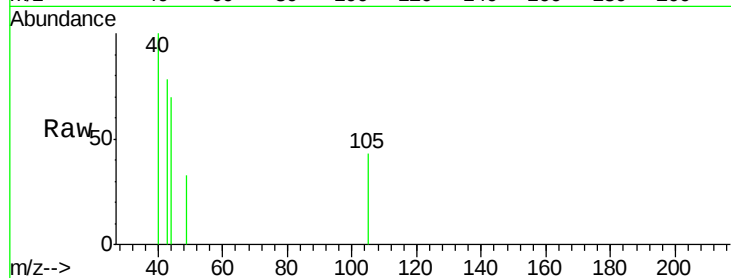
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 0.0 25.1 37.7#

120 0.0 17.6 26.4#

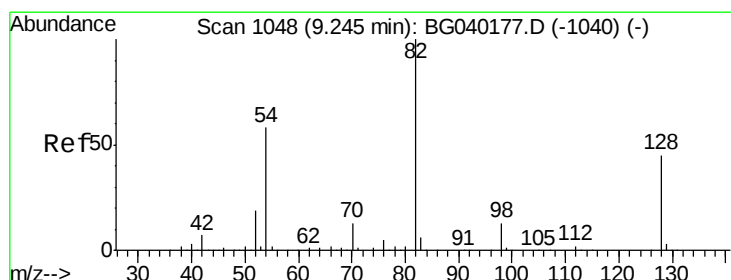
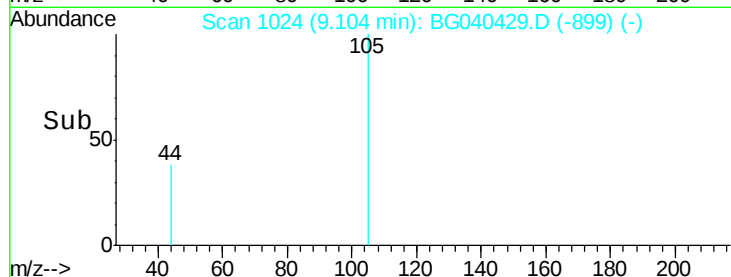
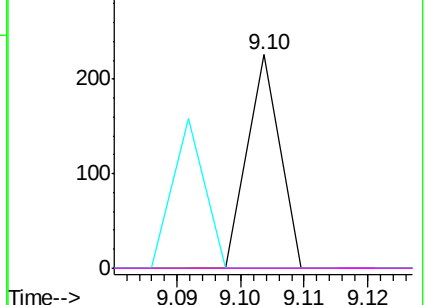


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 65.374 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

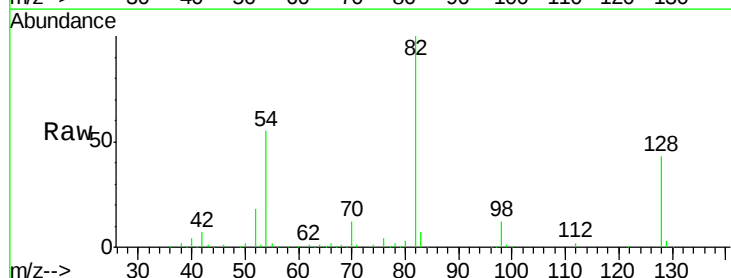
Tgt Ion: 82 Resp: 300058

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.8

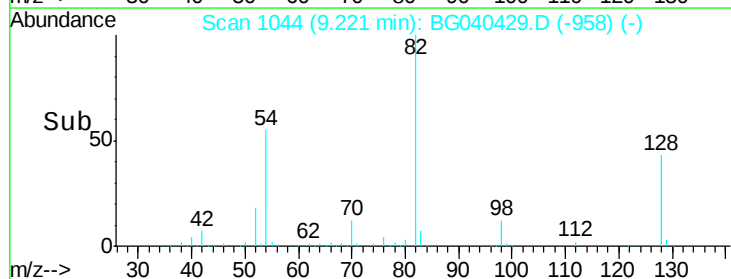
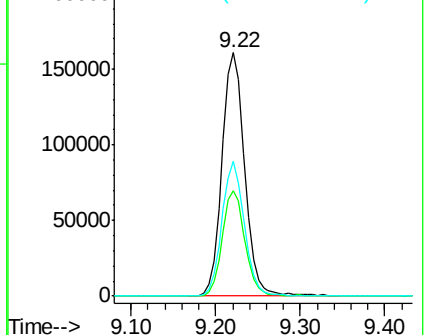
54 55.3 46.2 69.2

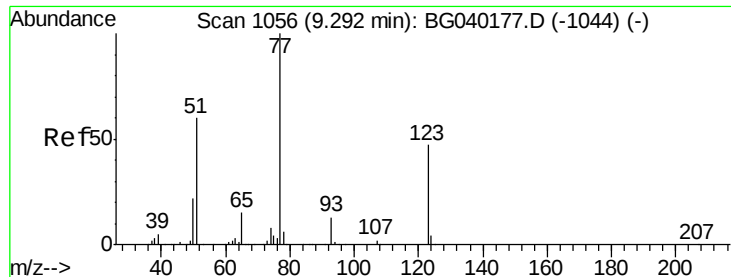


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

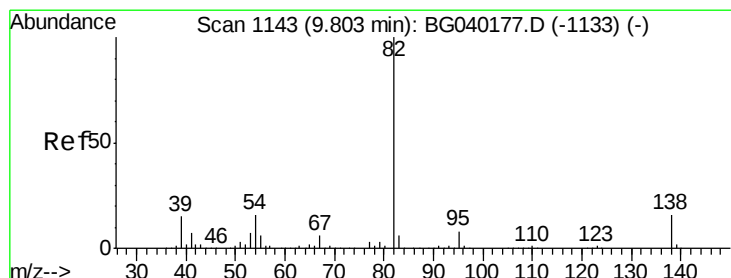
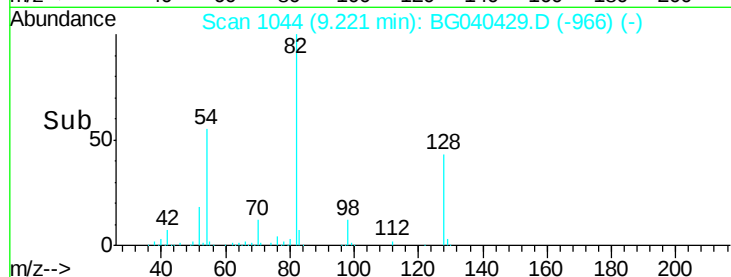
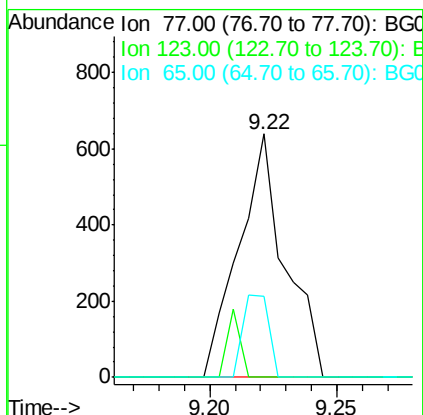
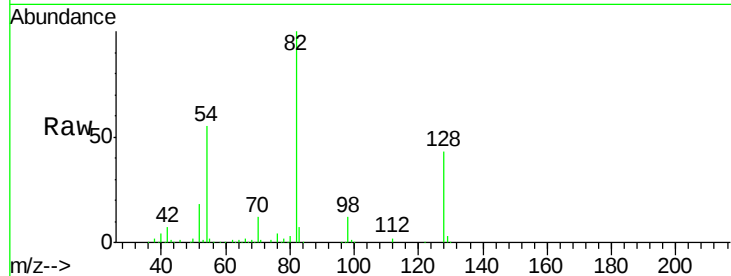




#24
Nitrobenzene
Concen: 0.171 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

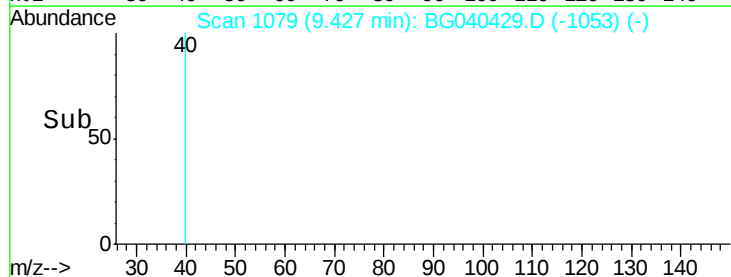
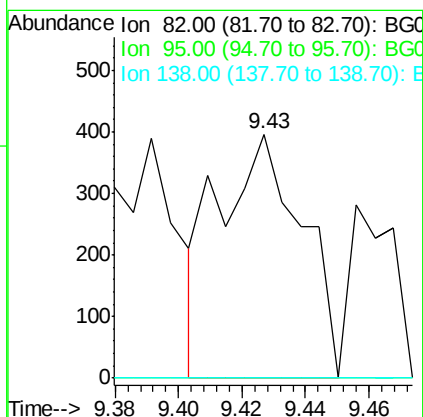
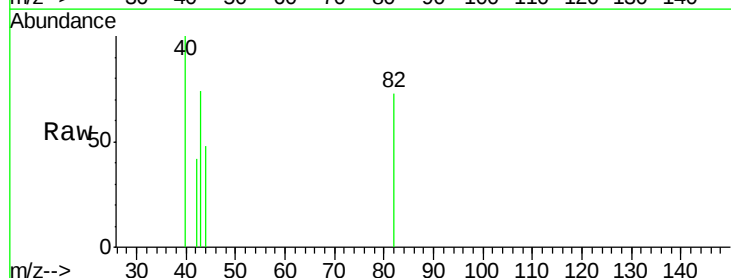
Instrument :
BNA_G
ClientSampleId :

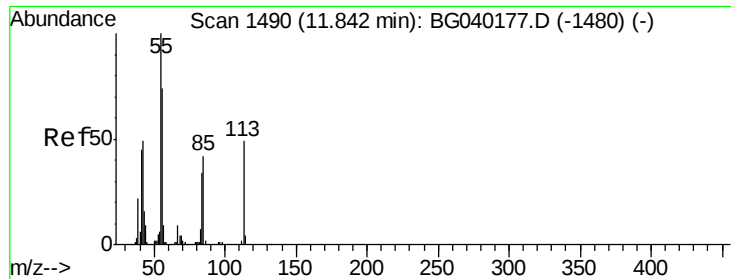
Tot Ion: 77 Resp: 815
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.6#
65 33.3 12.0 18.0#



#25
Isophorone
Concen: 0.077 ng
RT: 9.43 min Scan# 1079
Delta R.T. -0.38 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion: 82 Resp: 725
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.2 19.8#





#35

Caprolactam

Concen: 0.043 ng

RT: 12.26 min Scan# 1562

Delta R.T. 0.42 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

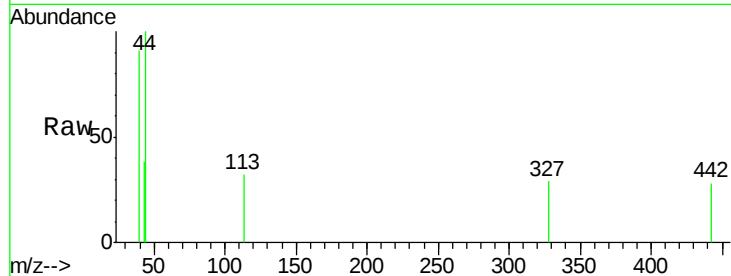
Instrument :

BNA_G

ClientSampled :

Tot Ion:113 Resp: 66

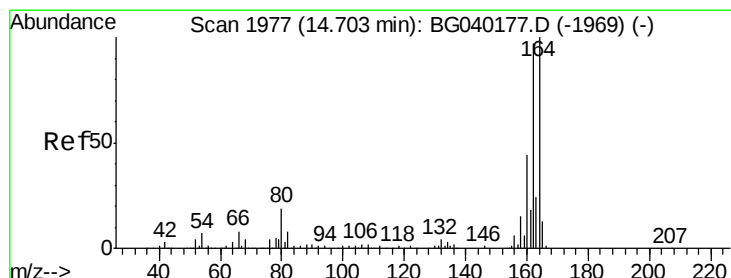
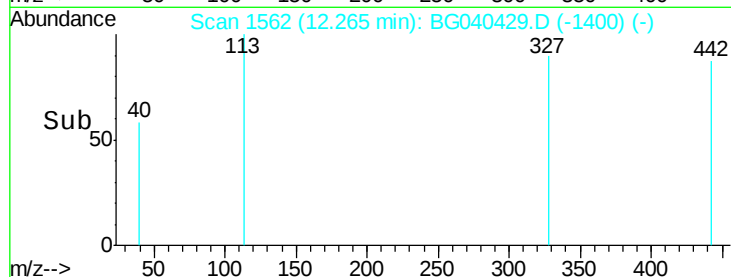
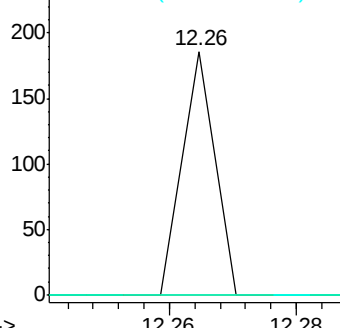
Ion	Ratio	Lower	Upper
113	100		
55	0.0	184.2	224.2#
56	0.0	131.3	171.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

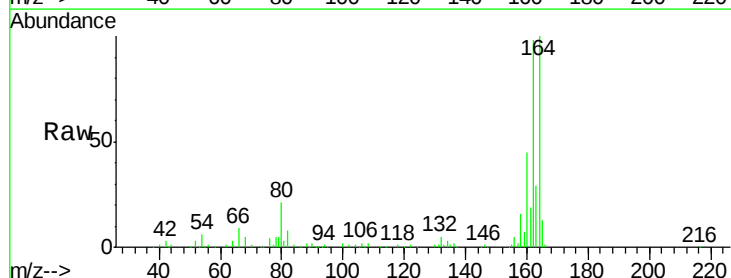
Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Tgt Ion:164 Resp: 154366

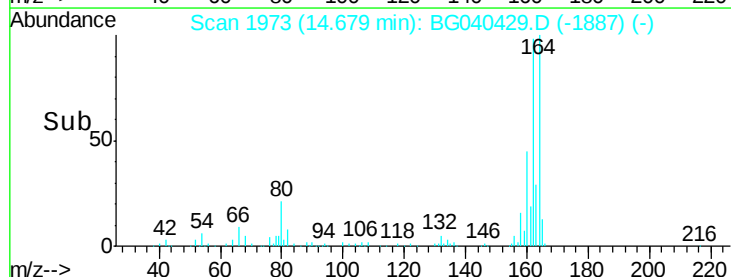
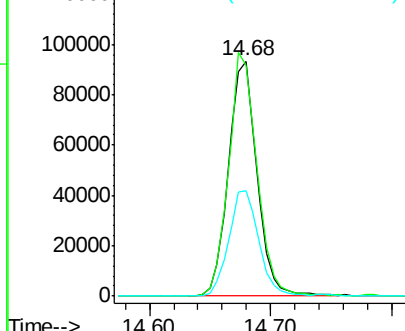
Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.4	116.2
160	45.1	35.3	52.9

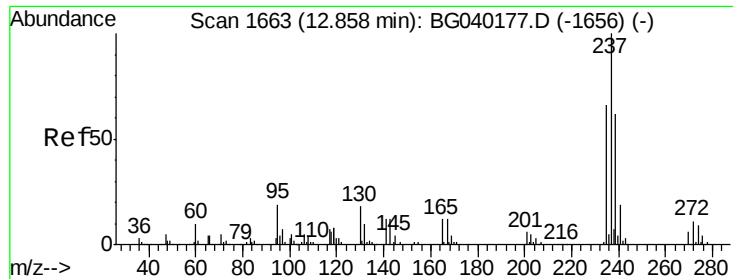


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

Hexachlorocyclopentadiene

Concen: 0.020 ng

RT: 12.55 min Scan# 1611

Delta R.T. -0.31 min

Lab File: BG040429.D

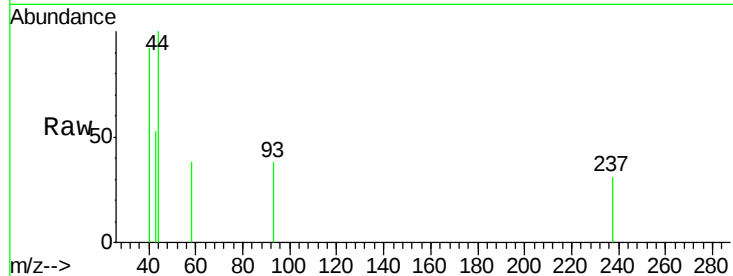
Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

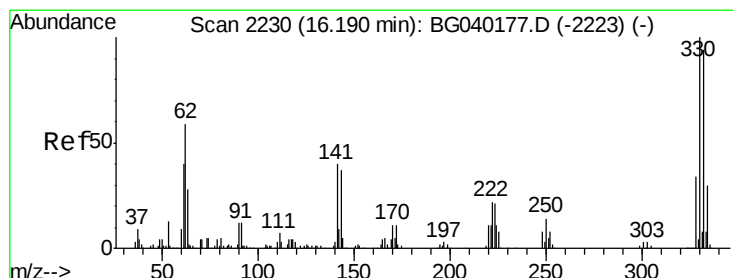
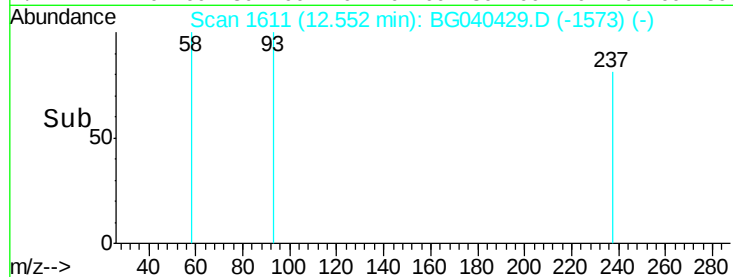
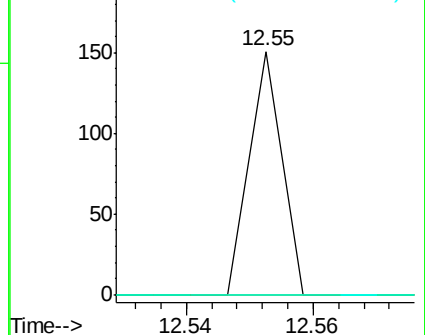
Tot Ion:237	Resp:	53
Ion Ratio	Lower	Upper
237	100	
235	0.0	46.2 86.2#
272	0.0	0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.052 ng

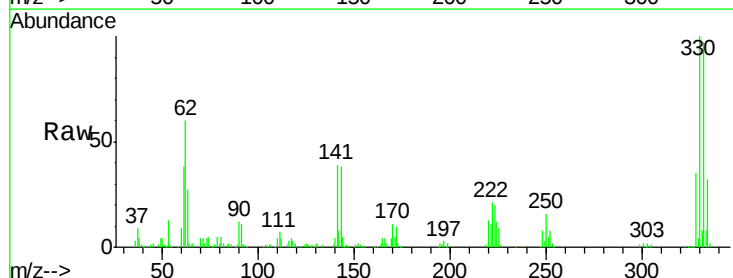
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

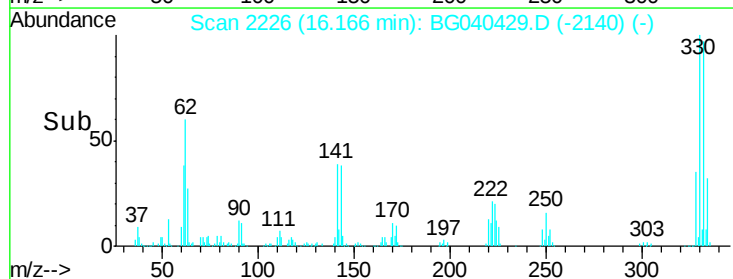
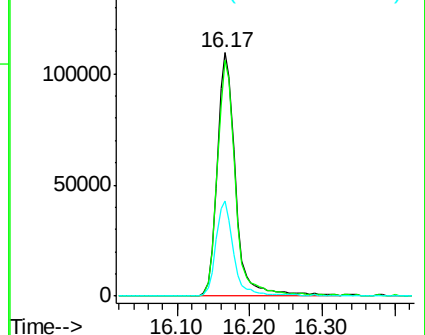
Tgt Ion:330	Resp:	191941
Ion Ratio	Lower	Upper
330	100	
332	94.4	76.6 115.0
141	37.4	32.6 48.8

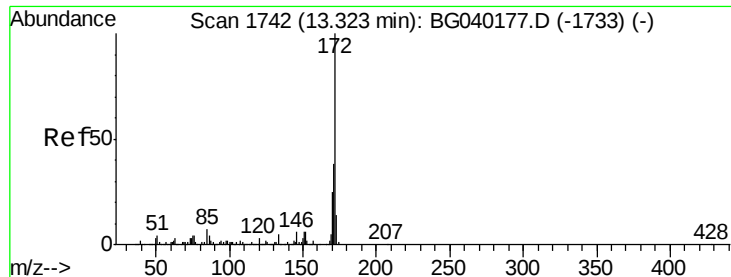


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 66.580 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

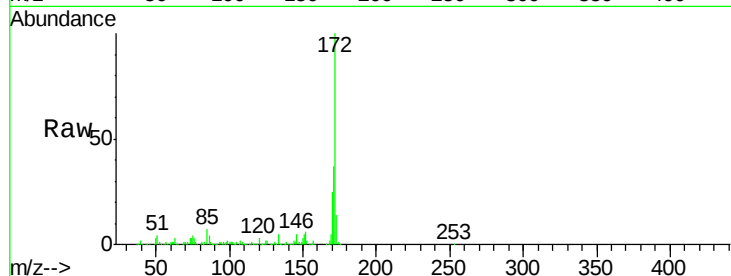
Tot Ion:172 Resp: 693612

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

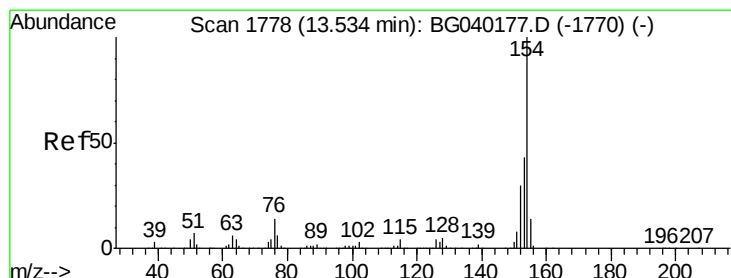
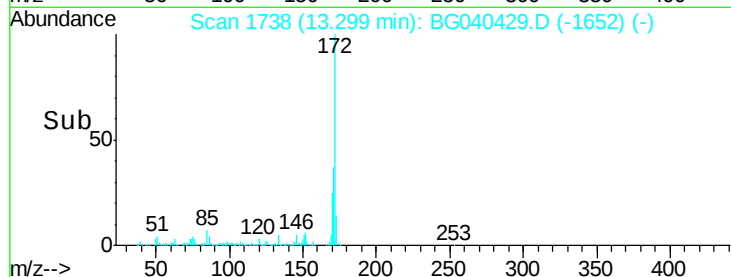
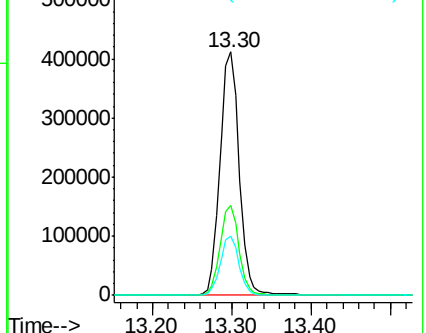
170 24.6 20.1 30.1



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



#46

1,1'-Biphenyl

Concen: 0.084 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

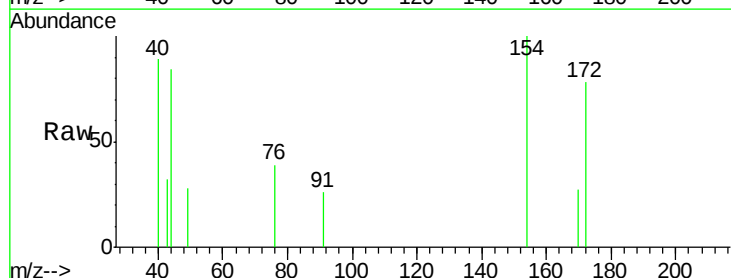
Tgt Ion:154 Resp: 1019

Ion Ratio Lower Upper

154 100

153 0.0 22.5 62.5#

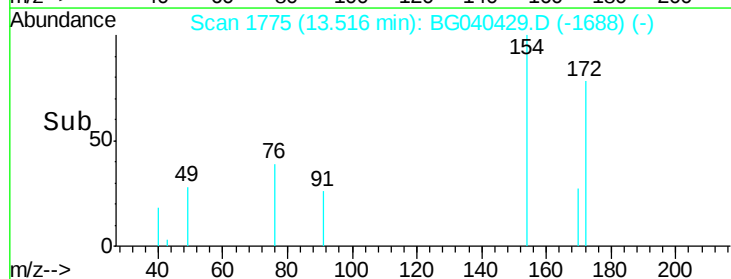
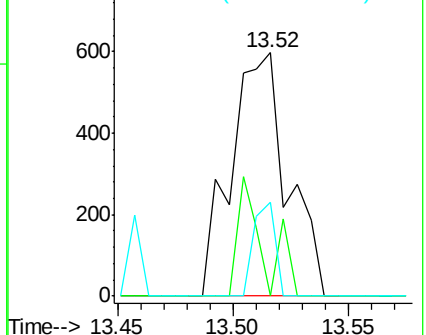
76 38.6 0.0 33.7#

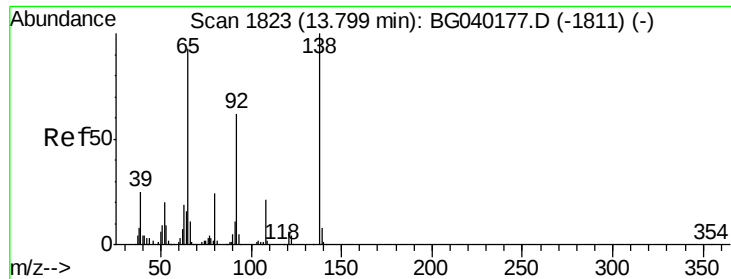


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

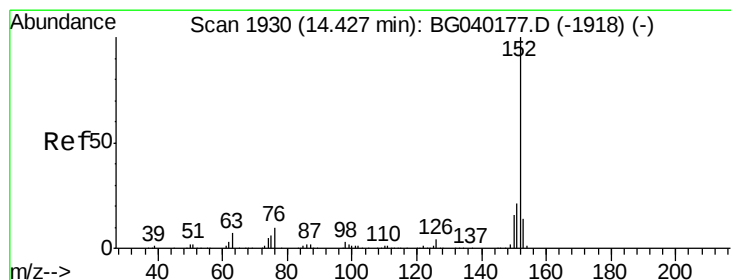
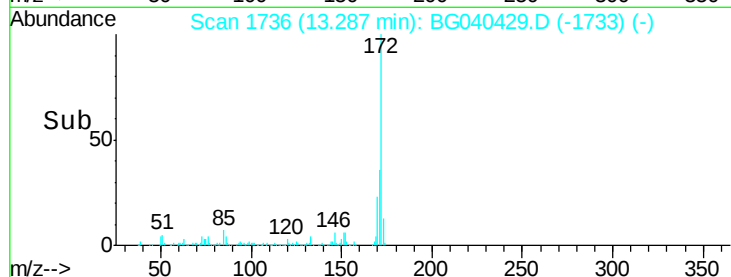
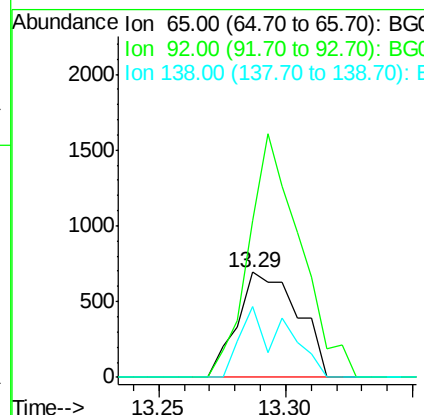
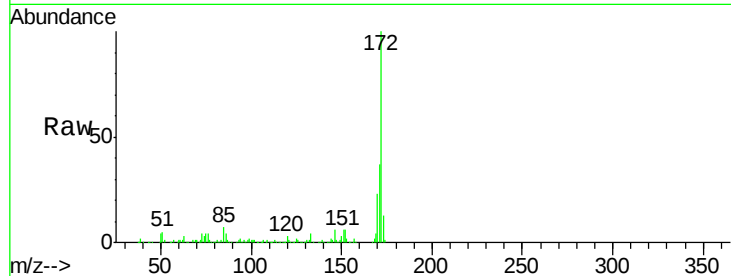




#48
2-Nitroaniline
Concen: 0.364 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.51 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

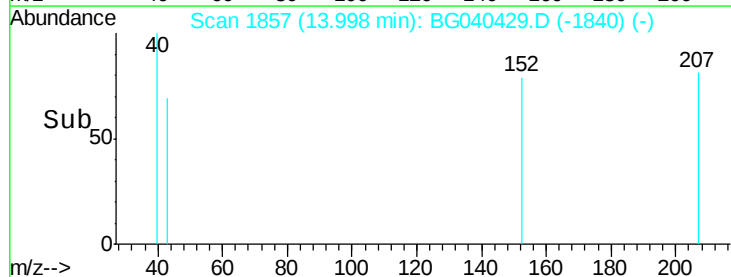
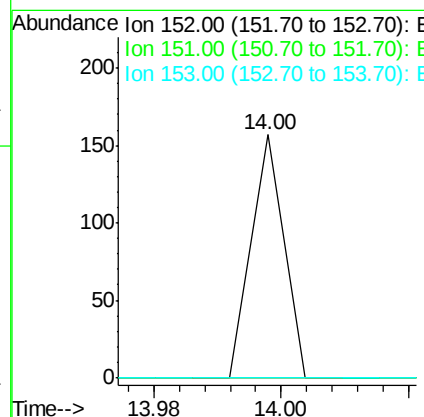
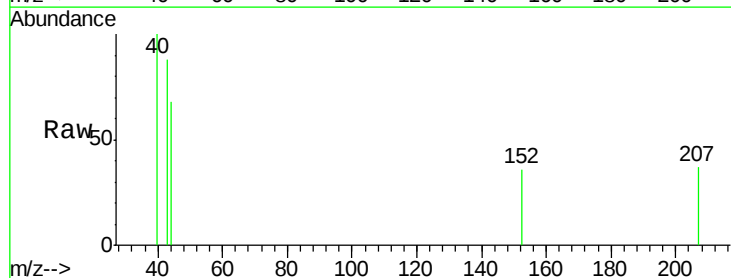
Instrument :
BNA_G
ClientSampleId :

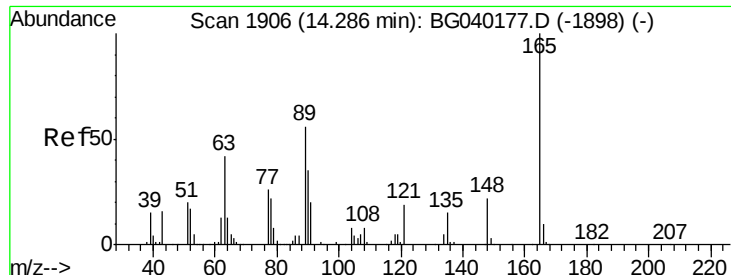
Tot Ion	Ratio	Lower	Upper
65	100		
92	149.9	53.8	80.6#
138	67.8	86.3	129.5#



#49
Acenaphthylene
Concen: 0.003 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.43 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.6#
153	0.0	10.8	16.2#





#51

2,6-Dinitrotoluene

Concen: 6.985 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.39 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

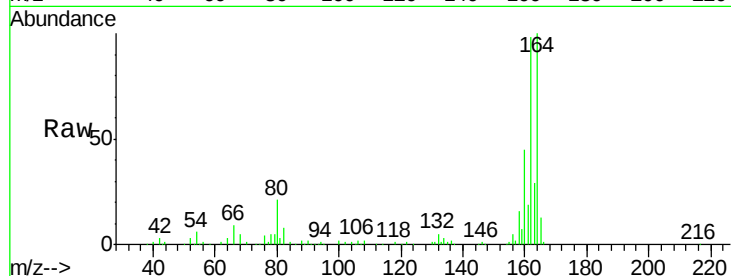
Tot Ion:165 Resp: 18947

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

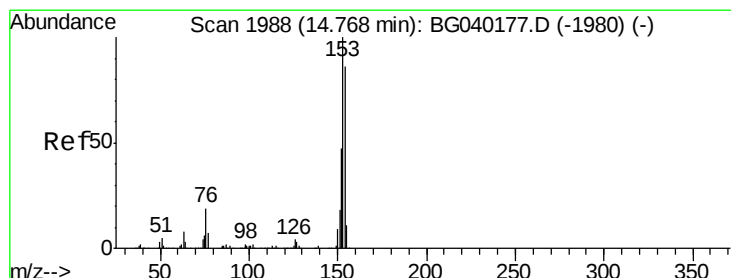
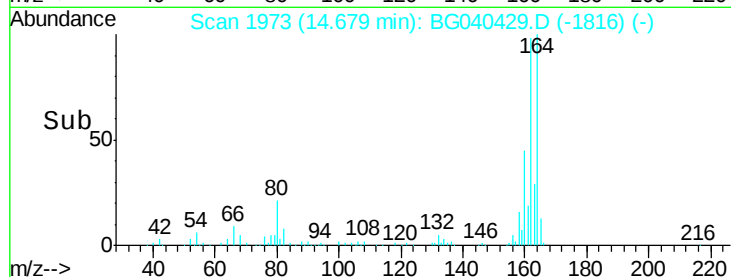
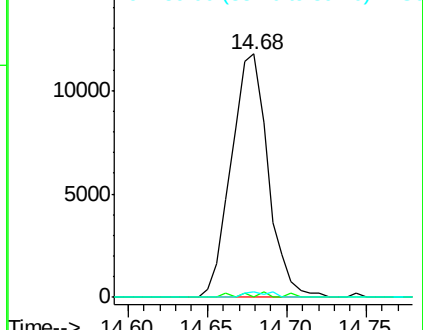
89 2.2 44.9 67.3#



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



#52

Acenaphthene

Concen: 0.072 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.08 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

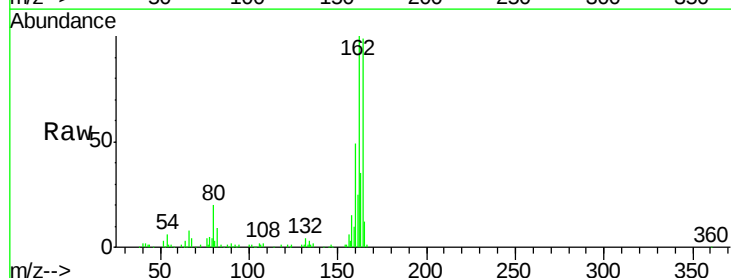
Tgt Ion:154 Resp: 653

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

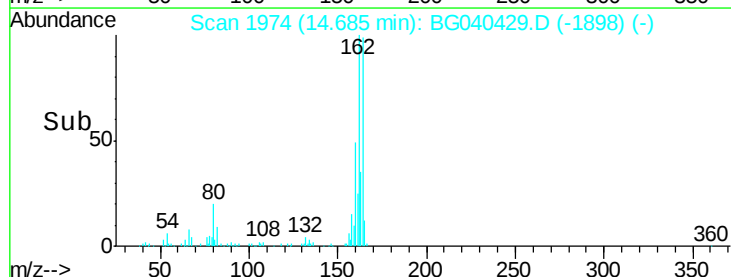
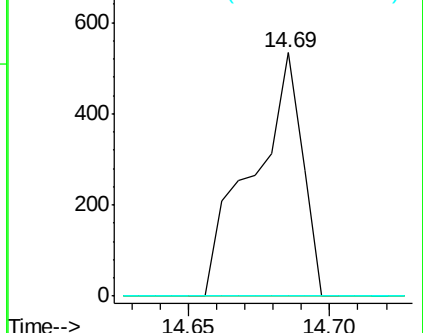
152 0.0 43.4 65.2#

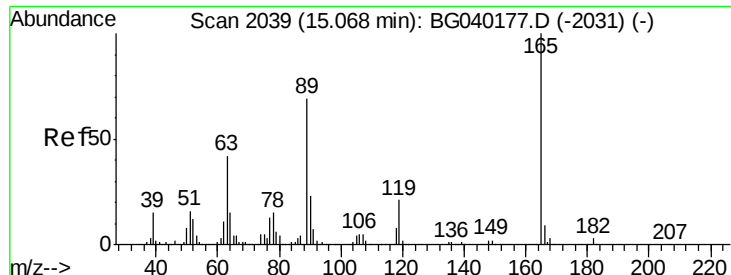


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

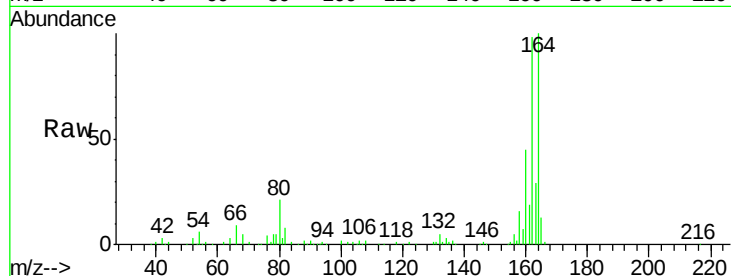




#57
2,4-Dinitrotoluene
Concen: 5.027 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.2	55.4	83.2#
182	0.0	2.2	3.4#

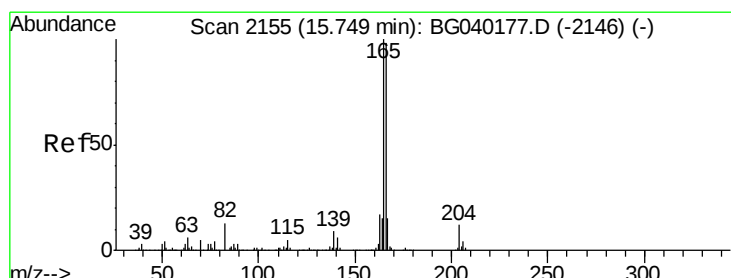
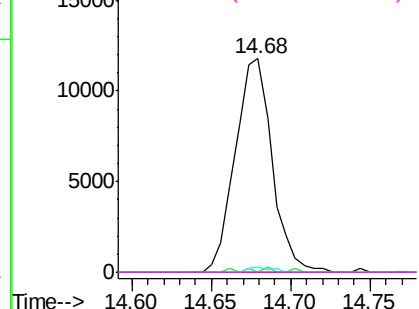
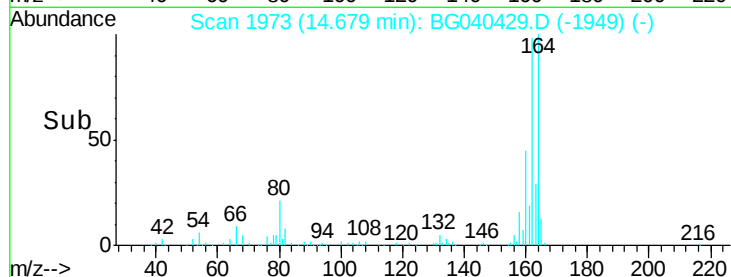


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

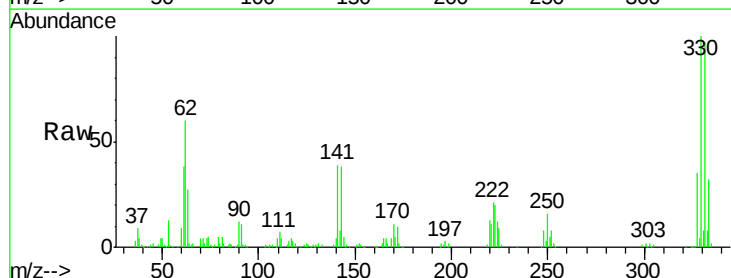
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 0.740 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.42 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

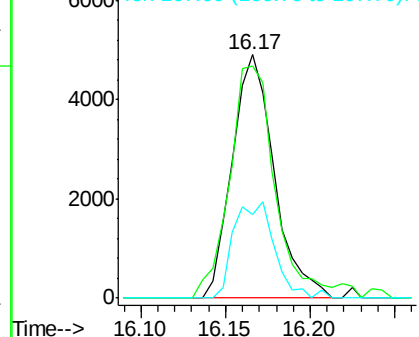
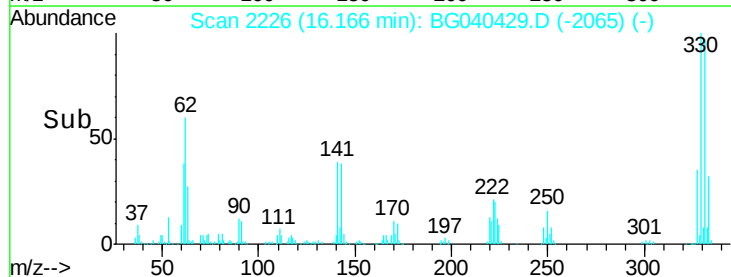
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	81.7	122.5
167	34.2	11.9	17.9#

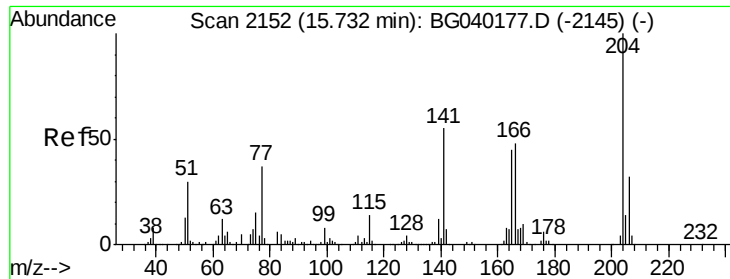


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

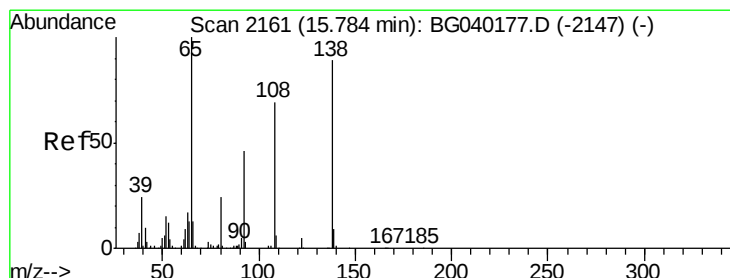
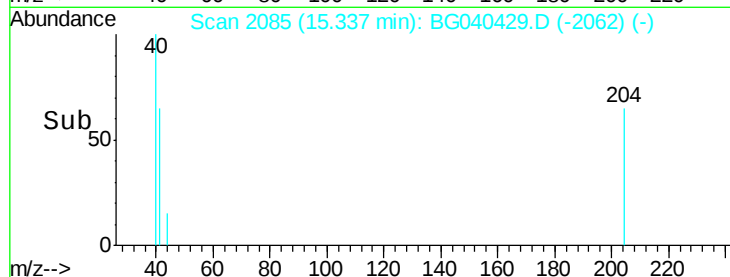
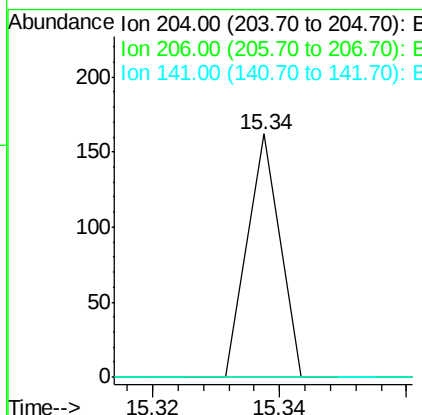
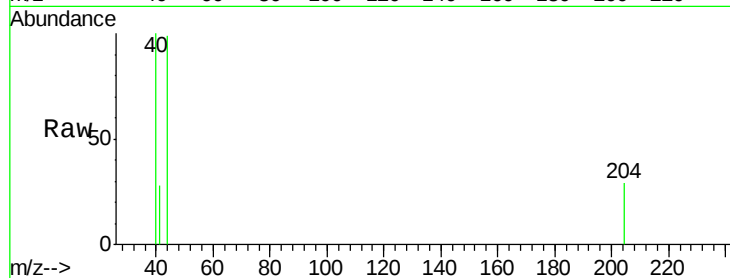




#61
 4-Chlorophenyl-phenylether
 Concen: 0.009 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.39 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

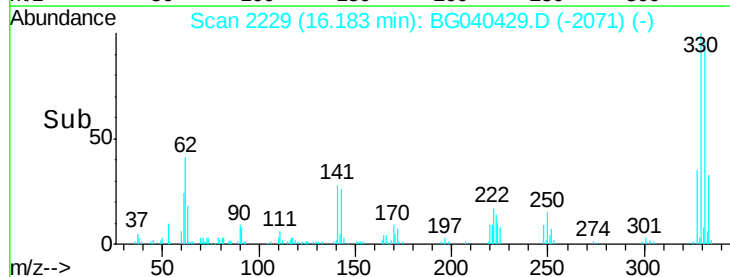
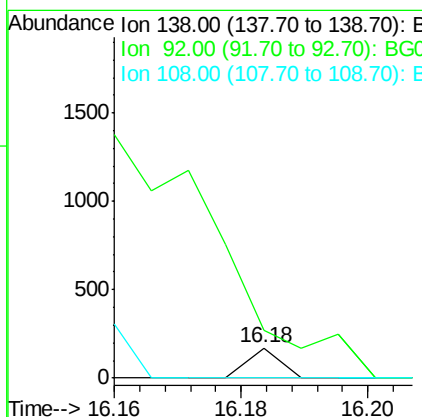
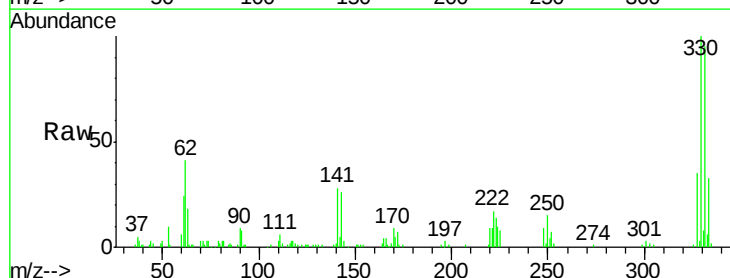
Instrument :
 BNA_G
 ClientSampleId :

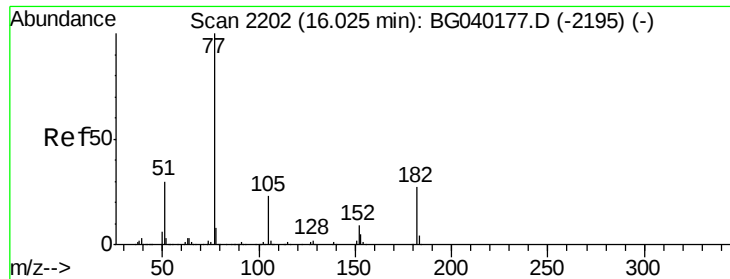
Tot Ion:204 Resp: 57
 Ion Ratio Lower Upper
 204 100
 206 0.0 25.7 38.5#
 141 0.0 44.0 66.0#



#62
 4-Nitroaniline
 Concen: 0.019 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.40 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Tgt Ion:138 Resp: 60
 Ion Ratio Lower Upper
 138 100
 92 158.0 31.8 71.8#
 108 0.0 57.2 97.2#

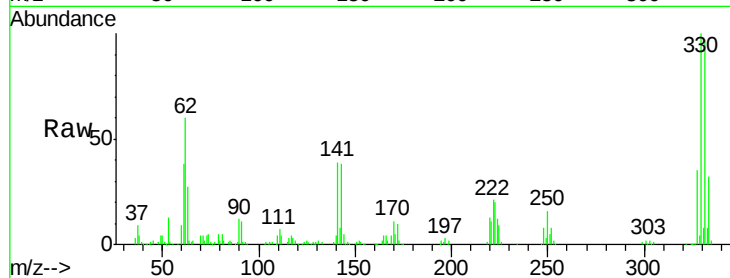




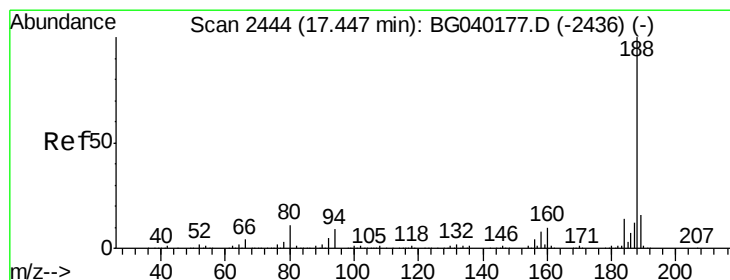
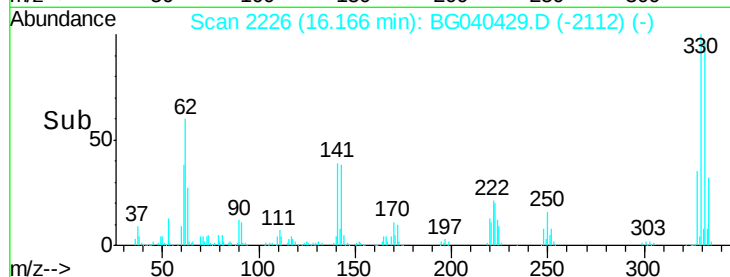
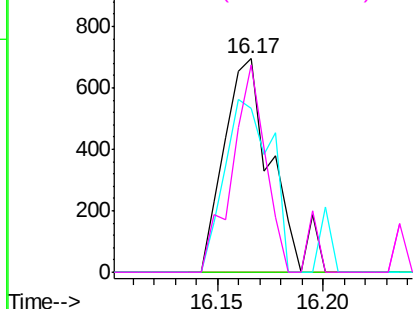
#63
Azobenzene
Concen: 0.093 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.14 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1085
Ion Ratio Lower Upper
77 100
182 0.0 7.2 47.2#
105 76.7 2.8 42.8#
51 96.8 10.4 50.4#

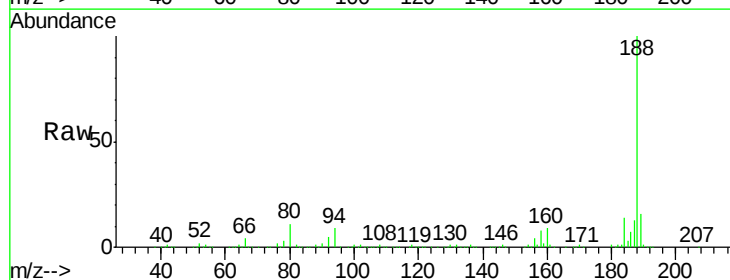


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

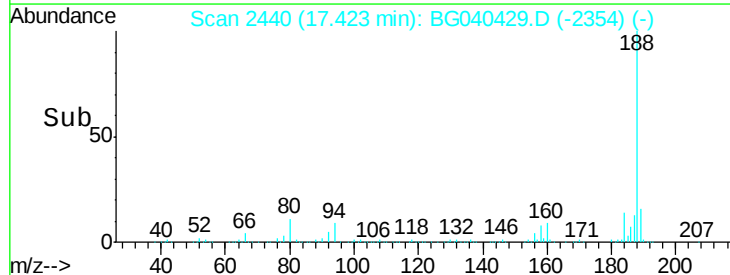
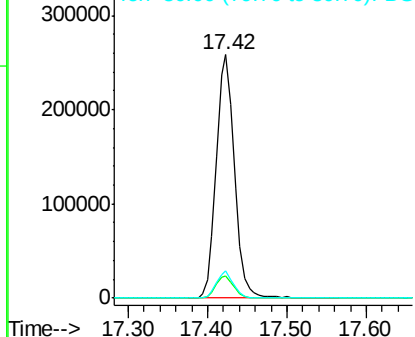


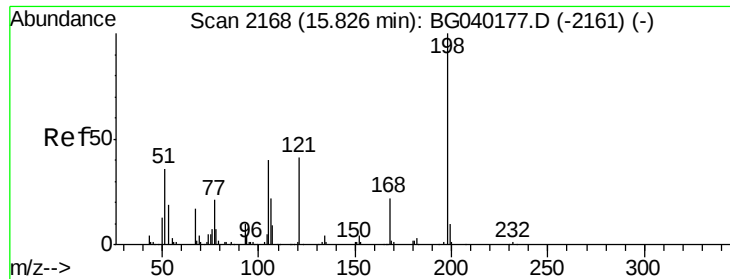
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion: 188 Resp: 411601
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 11.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

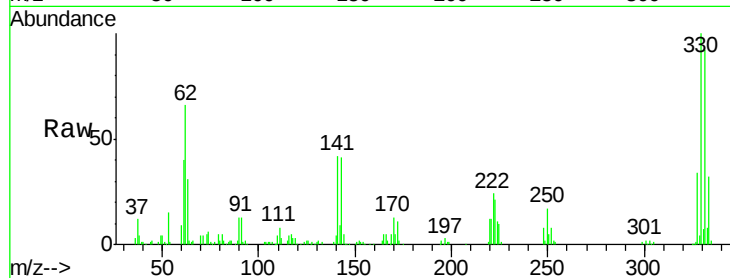




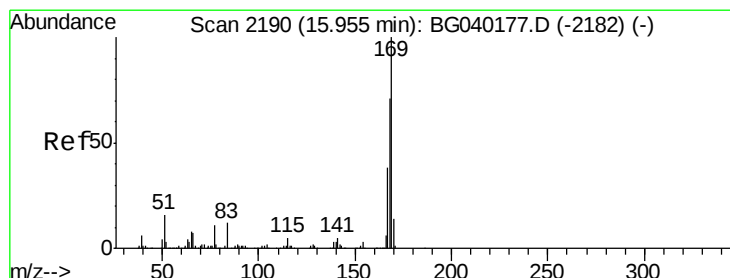
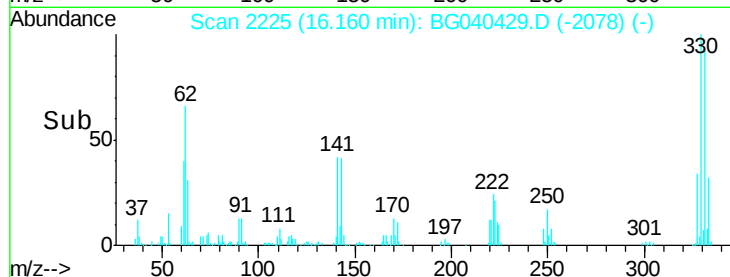
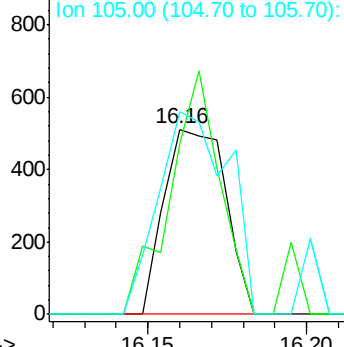
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.296 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.33 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 685
 Ion Ratio Lower Upper
 198 100
 51 25.0 27.3 67.3#
 105 29.8 21.7 61.7

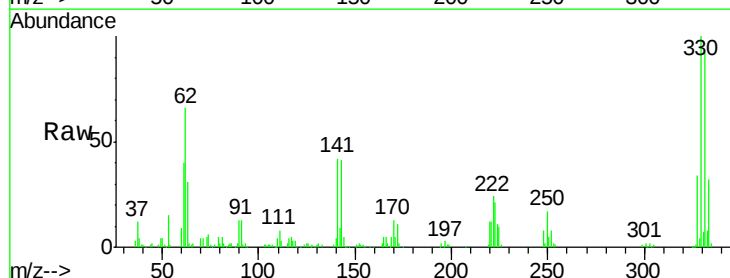


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

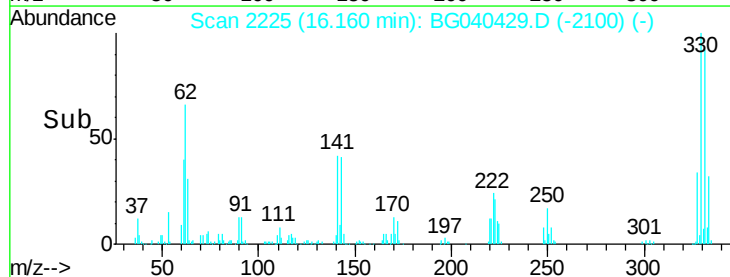
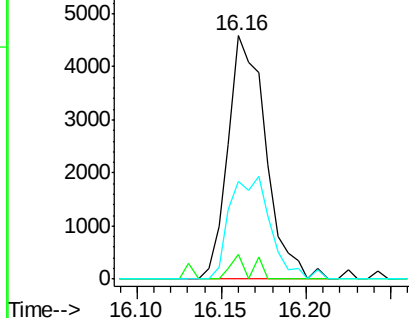


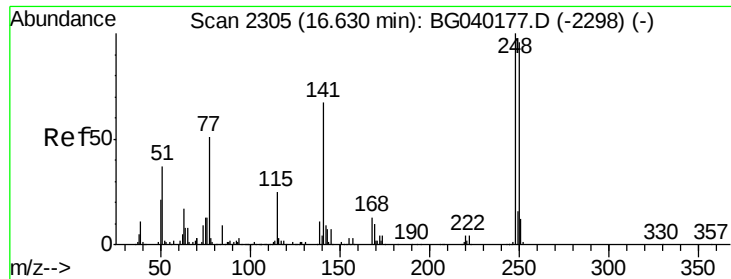
#66
 n-Nitrosodiphenylamine
 Concen: 0.594 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.21 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Tgt Ion:169 Resp: 7158
 Ion Ratio Lower Upper
 169 100
 168 9.9 56.8 85.2#
 167 39.9 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

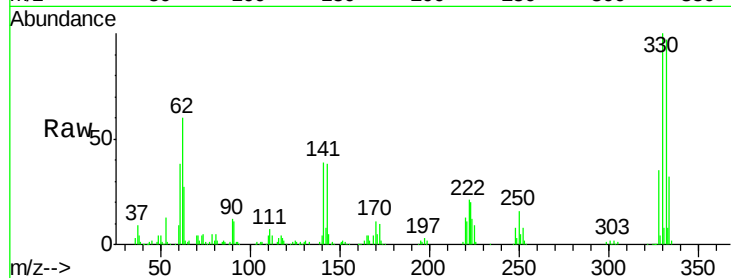




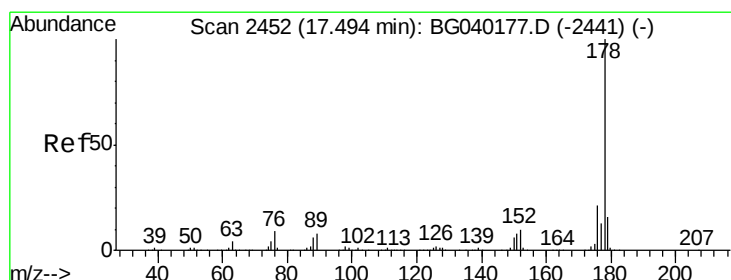
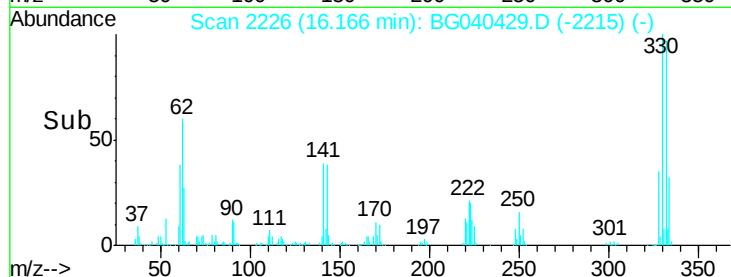
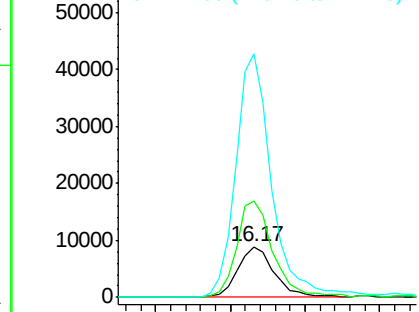
#67
 4-Bromophenyl-phenylether
 Concen: 3.263 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 15113
 Ion Ratio Lower Upper
 248 100
 250 191.5 76.4 114.6#
 141 481.3 53.8 80.8#

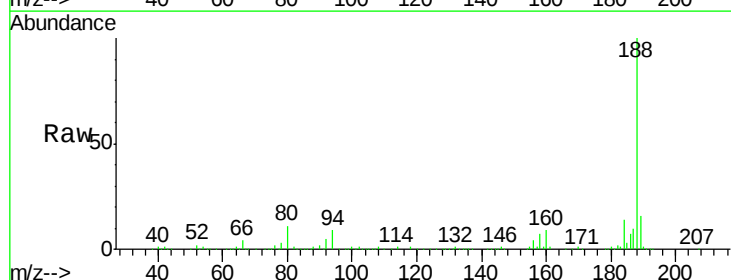


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

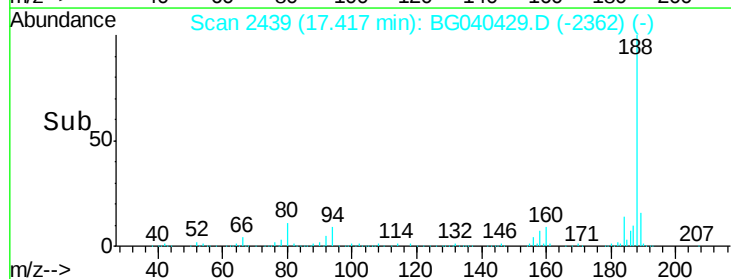
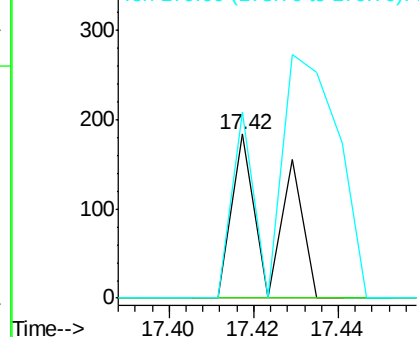


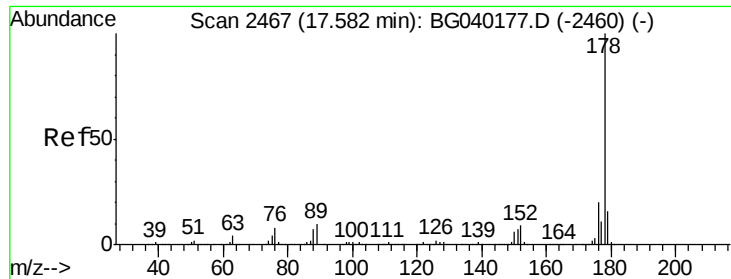
#71
 Phenanthrene
 Concen: 0.006 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.08 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Tgt Ion:178 Resp: 120
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.7 25.1#
 179 113.6 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.006 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.16 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

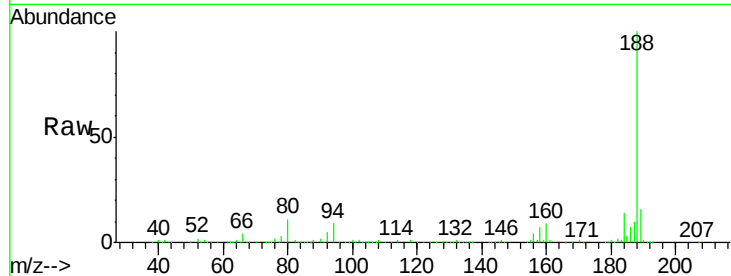
Tot Ion:178 Resp: 120

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

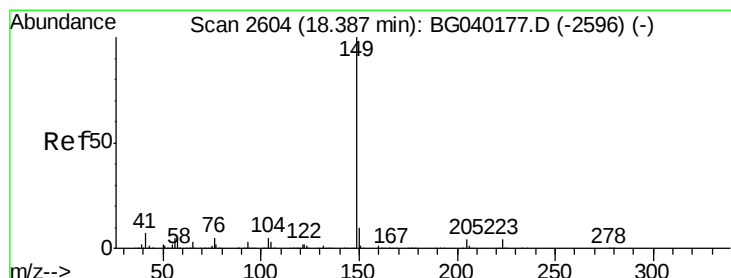
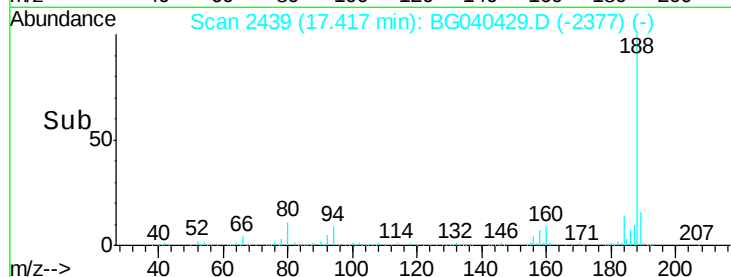
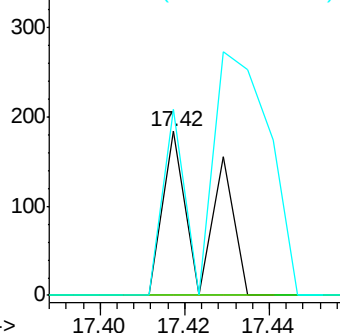
179 113.6 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.017 ng

RT: 18.36 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

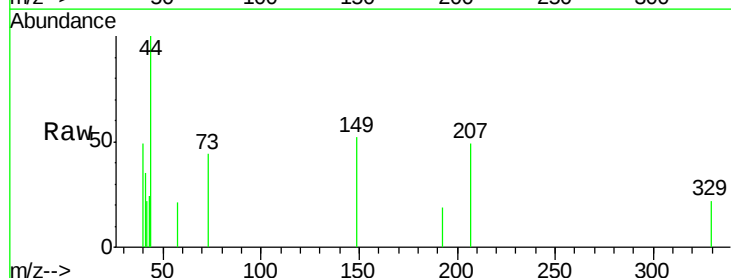
Tgt Ion:149 Resp: 424

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

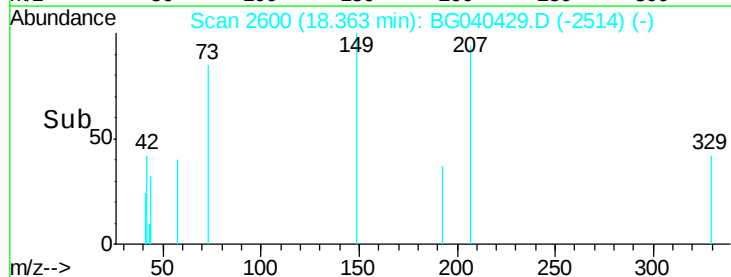
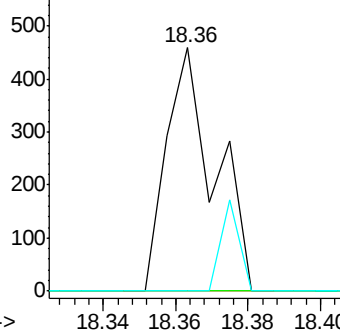
104 0.0 4.1 6.1#

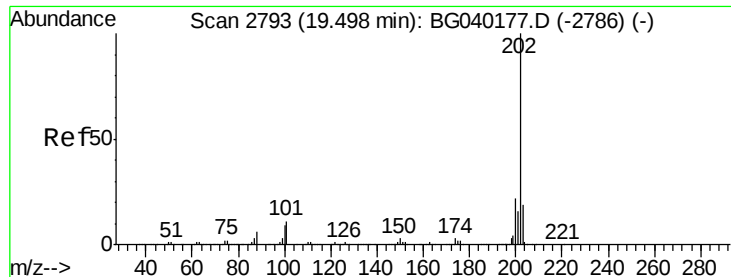


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.002 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.28 min

Lab File: BG040429.D

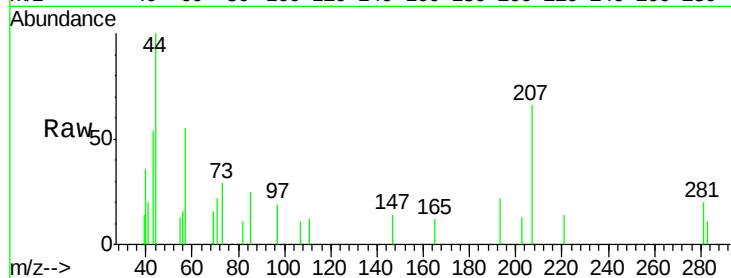
Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

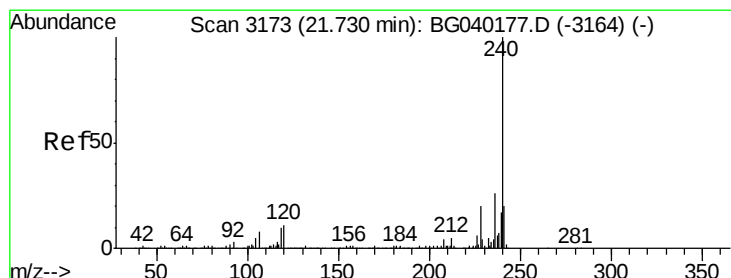
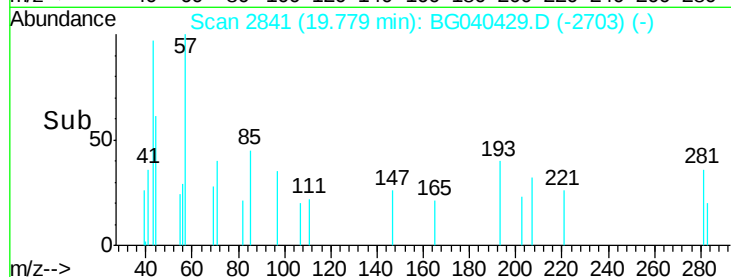
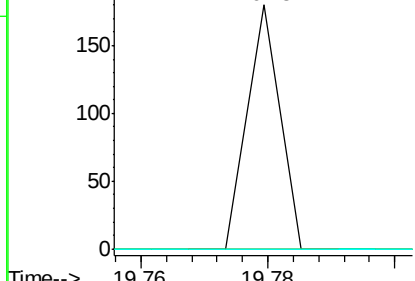
ClientSampleId :

Tot Ion:	202	Resp:	63
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.8
203	0.0	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.78



#76

Chrysene-d12

Concen: 20.000 ng

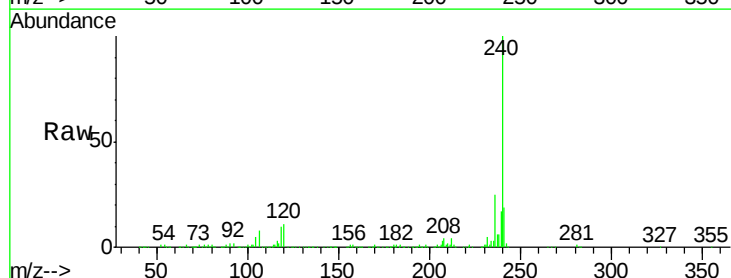
RT: 21.69 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040429.D

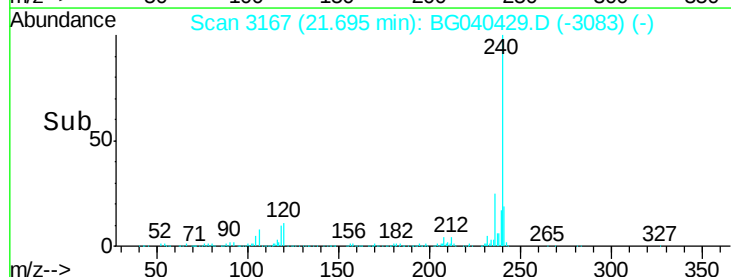
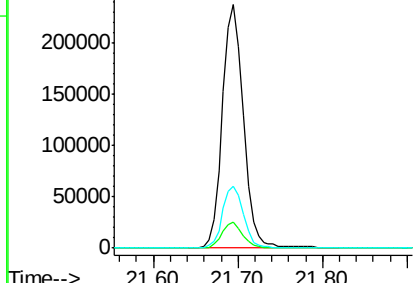
Acq: 11 Apr 2019 00:23

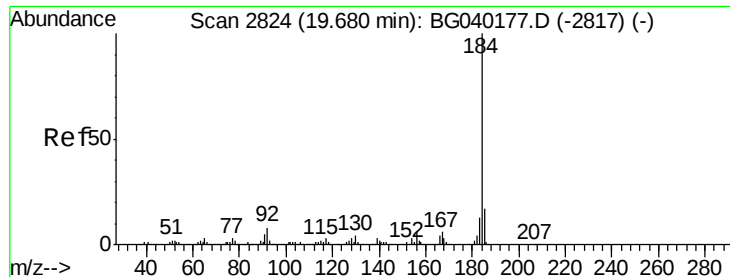
Tgt Ion:	240	Resp:	411900
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	25.4	20.8	31.2



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

21.69





#77

Benzidine

Concen: 1.235 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.34 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

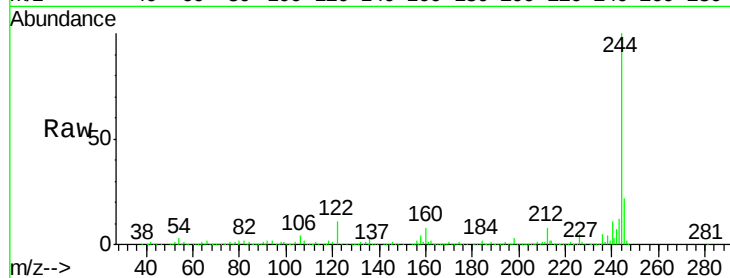
Tot Ion:184 Resp: 18372

Ion Ratio Lower Upper

184 100

185 18.8 13.3 19.9

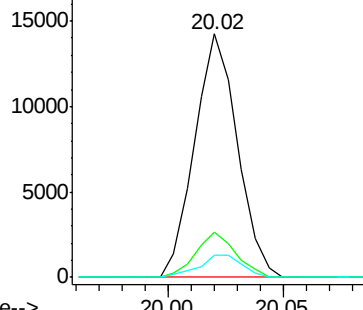
183 9.1 10.3 15.5#



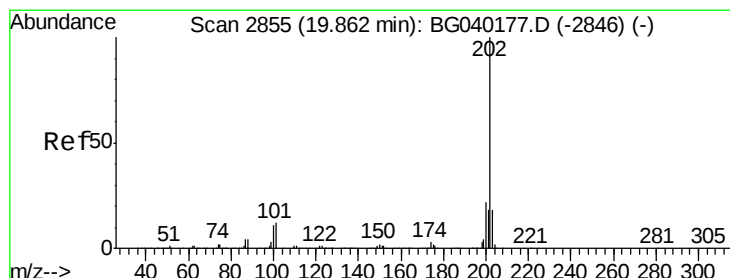
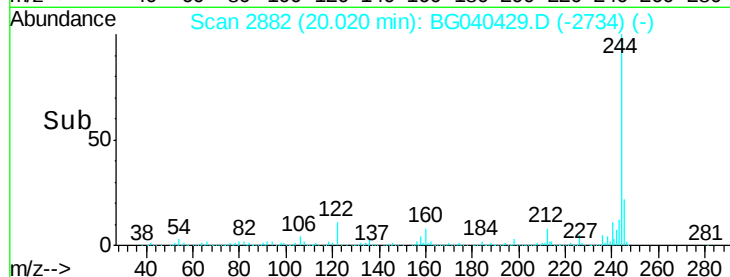
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 0.178 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.16 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

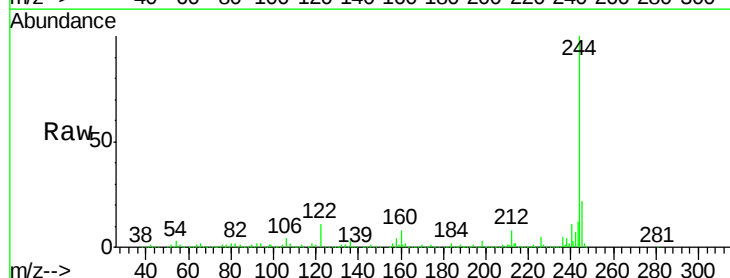
Tgt Ion:202 Resp: 4812

Ion Ratio Lower Upper

202 100

200 50.3 17.3 25.9#

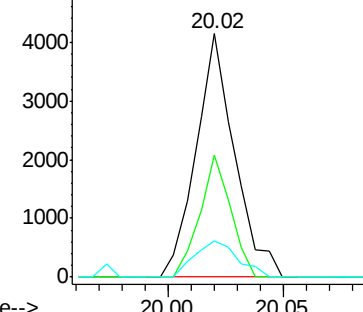
203 14.9 14.6 22.0



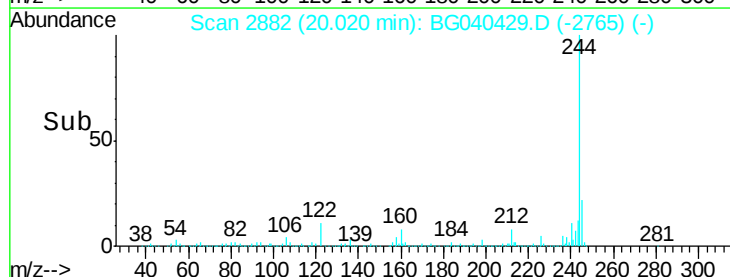
Abundance Ion 202.00 (201.70 to 202.70): E

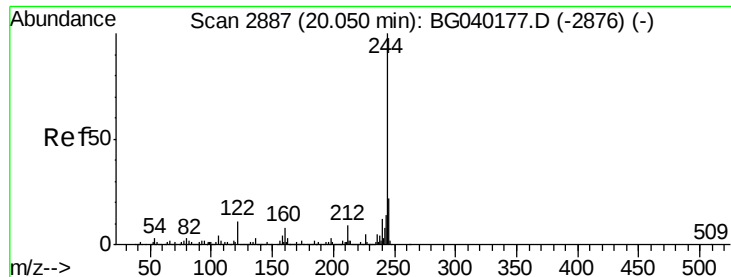
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 65.934 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampled :

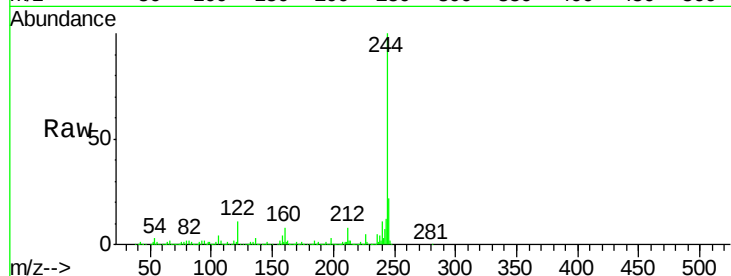
Tot Ion:244 Resp: 1207224

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

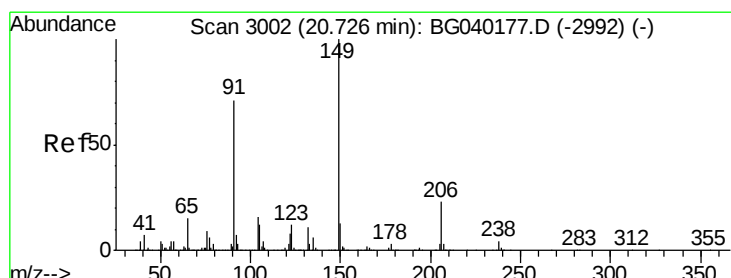
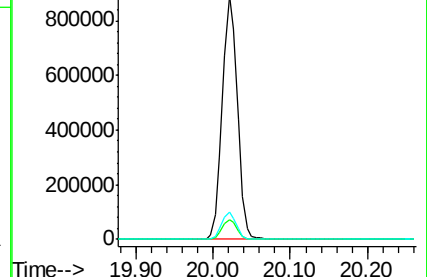
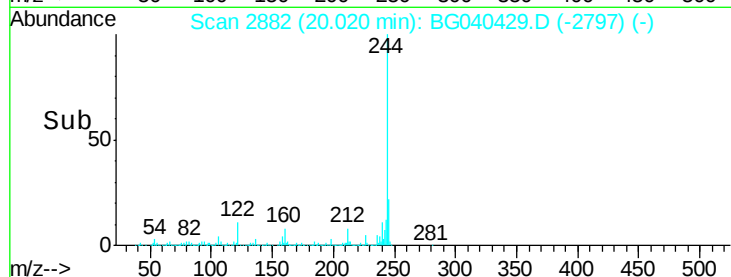
122 11.4 8.5 12.7



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



#80

Butylbenzylphthalate

Concen: 0.006 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

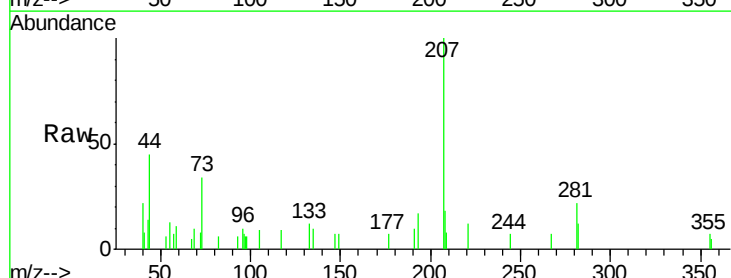
Tgt Ion:149 Resp: 74

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

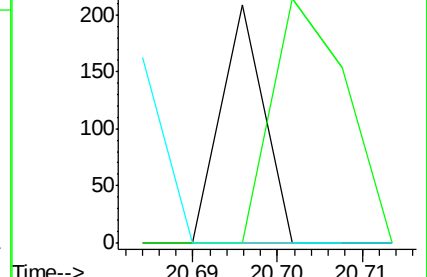
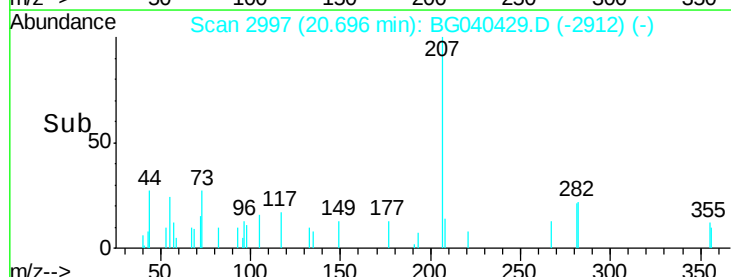
206 0.0 18.2 27.4#

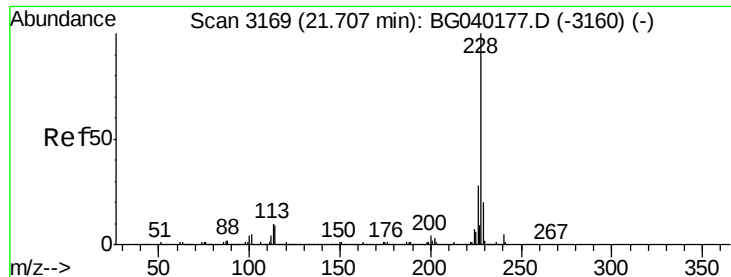


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.046 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

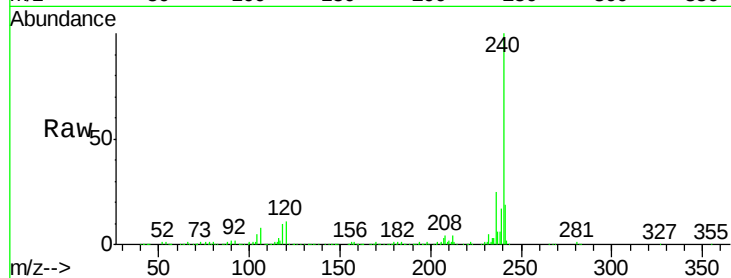
Tot Ion:228 Resp: 1163

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

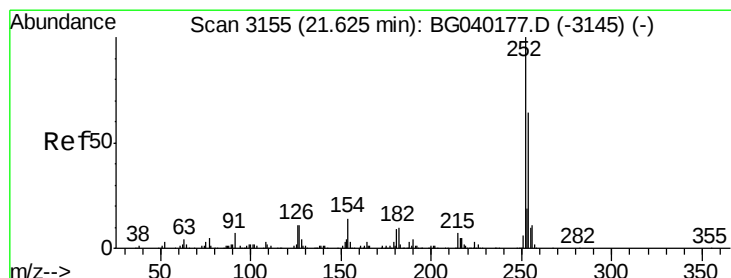
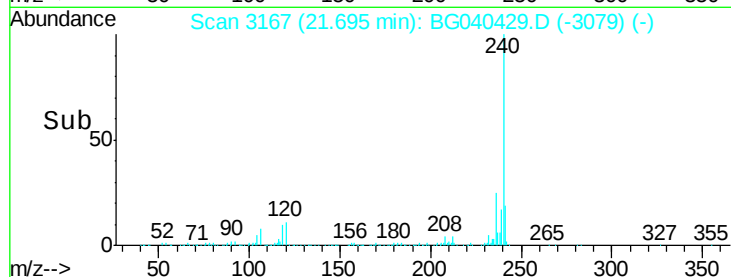
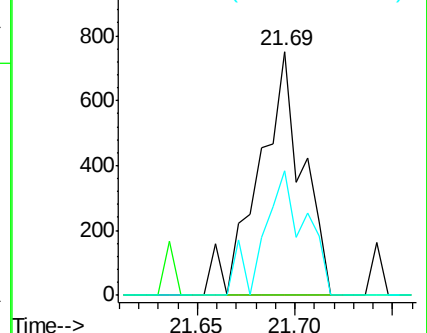
229 51.1 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

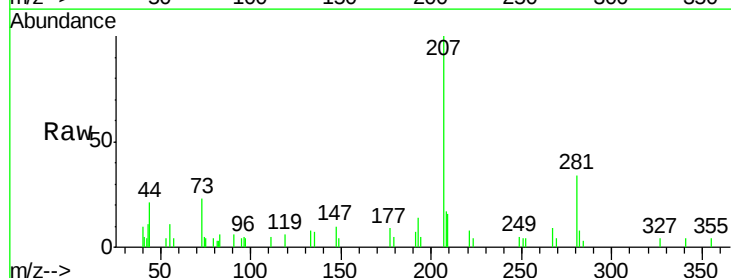
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

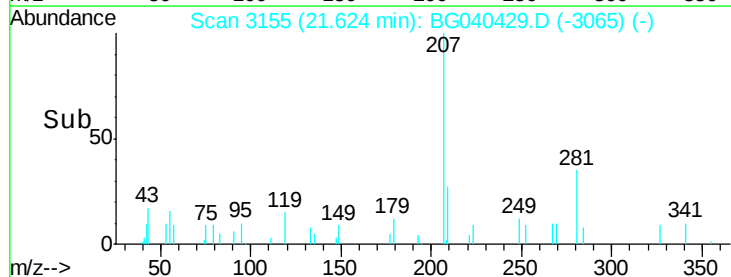
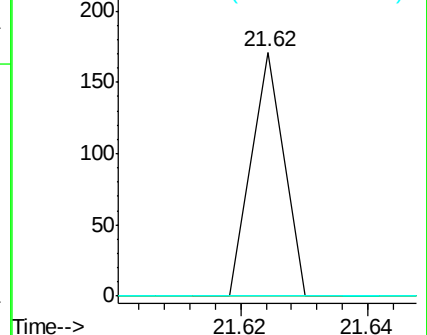
126 0.0 8.5 12.7#

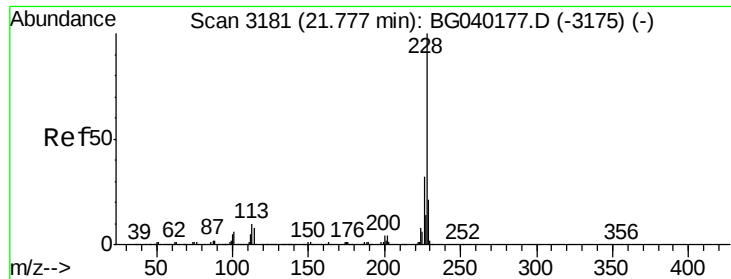


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.002 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040429.D

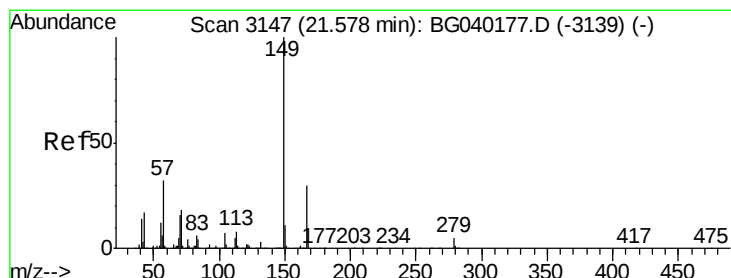
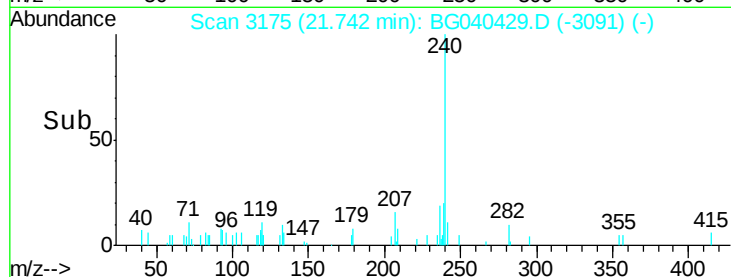
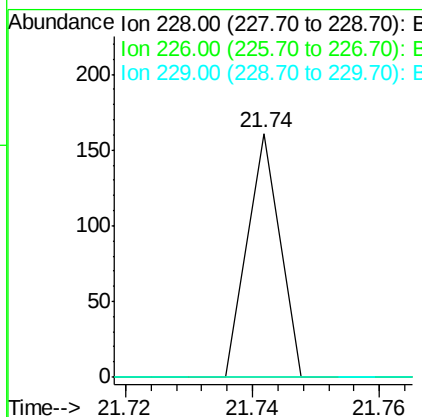
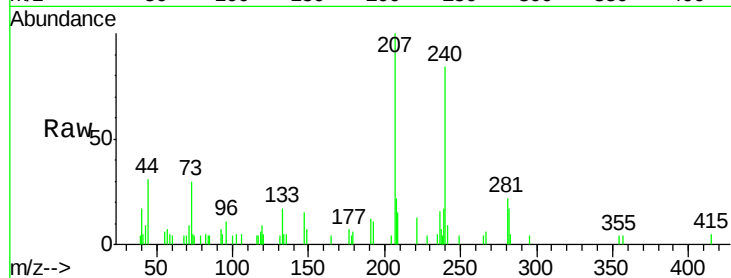
Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	228	Resp:	57
Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	17.0	25.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.025 ng

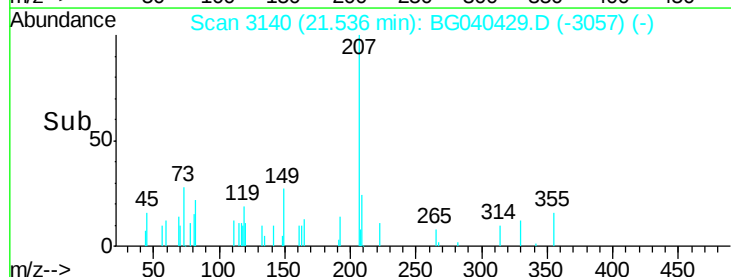
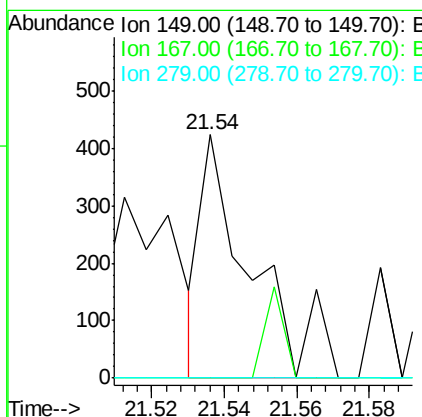
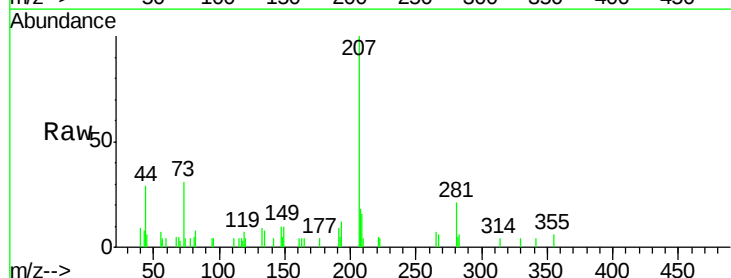
RT: 21.54 min Scan# 3140

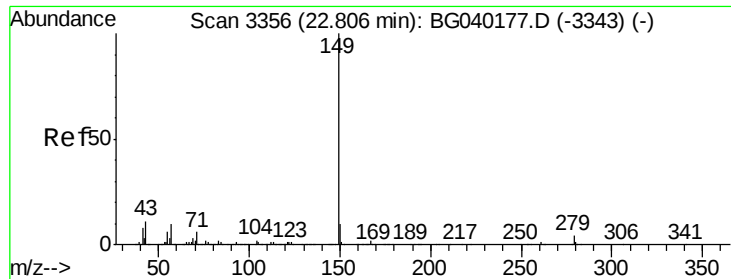
Delta R.T. -0.04 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Tgt Ion:	149	Resp:	408
Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.1	36.1#
279	0.0	4.1	6.1#





#85

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

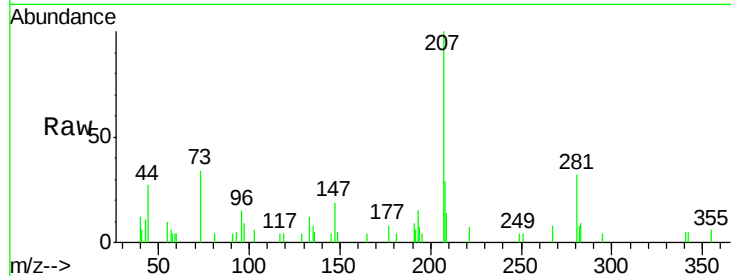
Tot Ion:149 Resp: 196

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 136.7 8.7 13.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Ion 149.00 (148.70 to 149.70): E

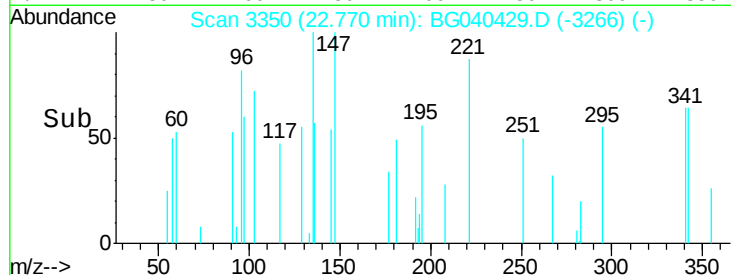
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

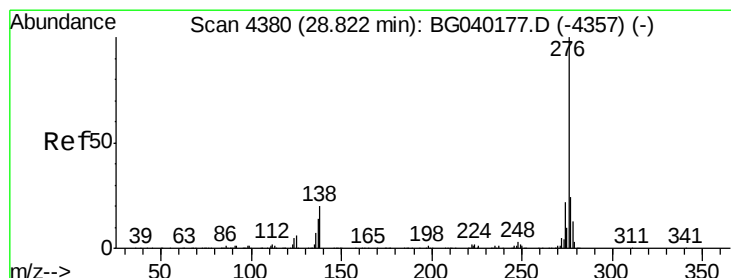
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.13 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

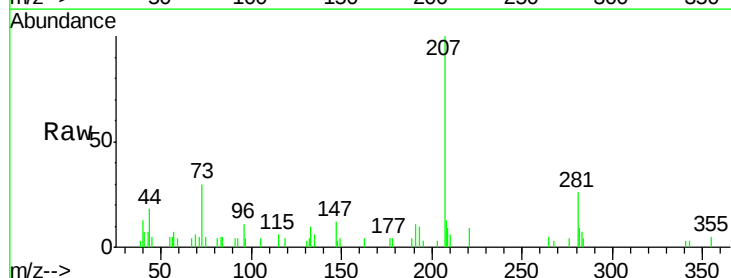
Tgt Ion:276 Resp: 74

Ion Ratio Lower Upper

276 100

138 0.0 18.8 28.2#

277 0.0 21.0 31.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 276.00 (275.70 to 276.70): E

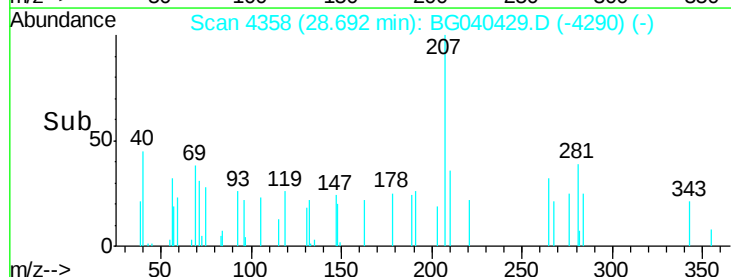
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

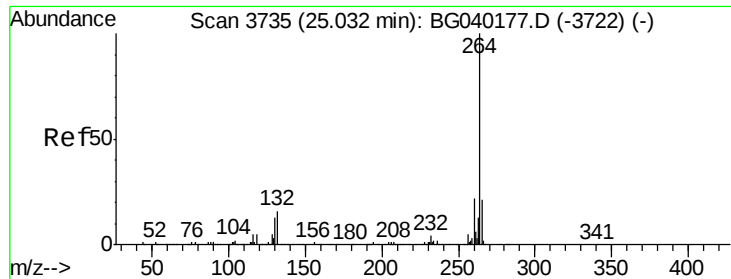
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



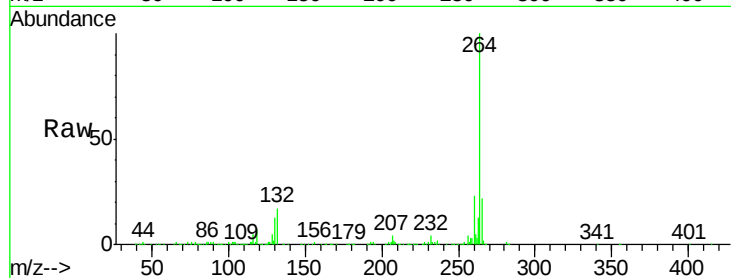
Time-->



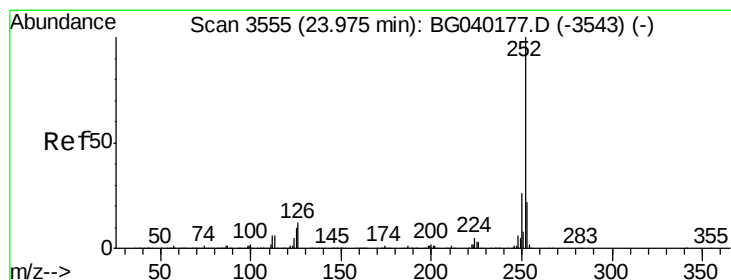
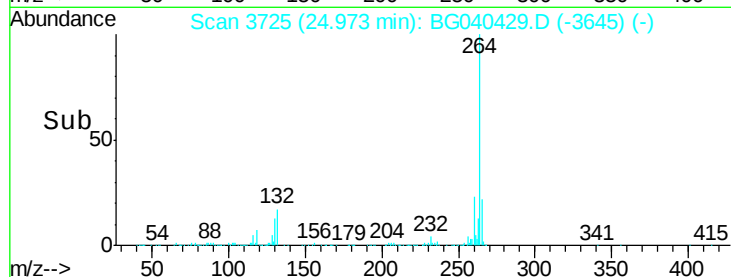
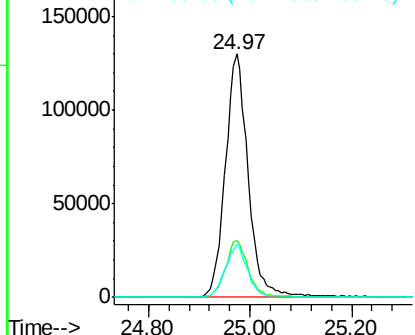
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 406652
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 21.7 16.8 25.2

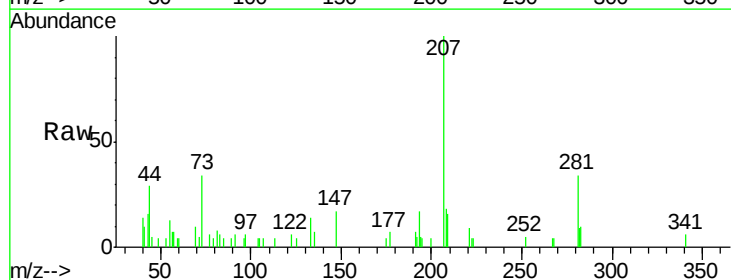


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

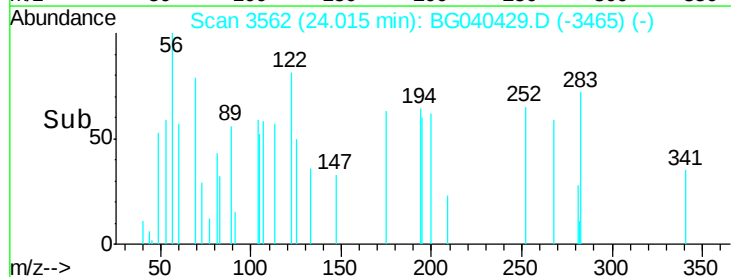
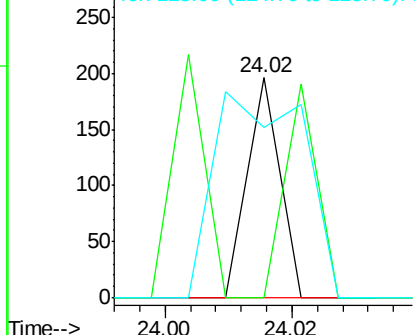


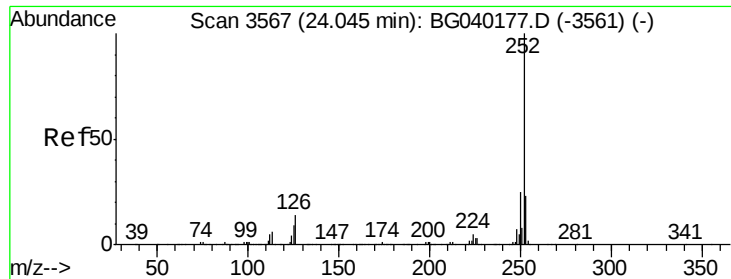
#88
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.04 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion:252 Resp: 69
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 77.6 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

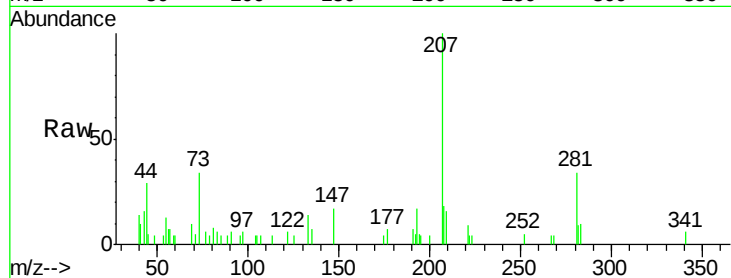




#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.02 min Scan# 3562
Delta R.T. -0.03 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	28.0#
125	77.6	7.3	10.9#

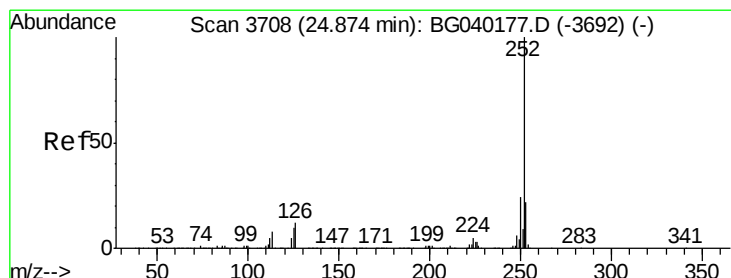
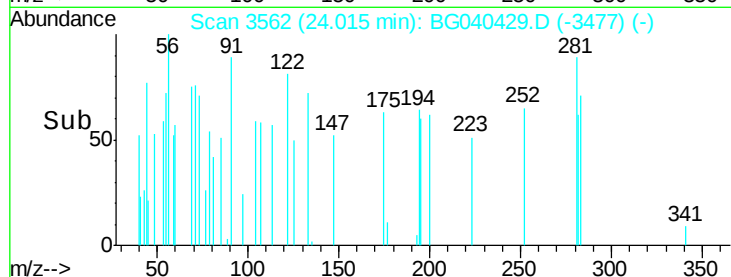
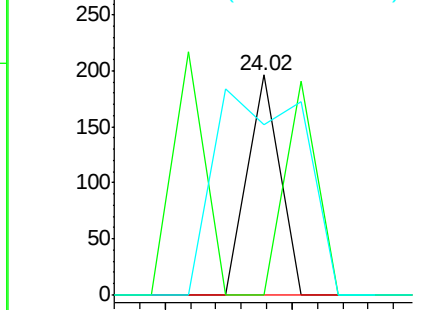


Abundance

Ion 252.00 (251.70 to 252.70): E

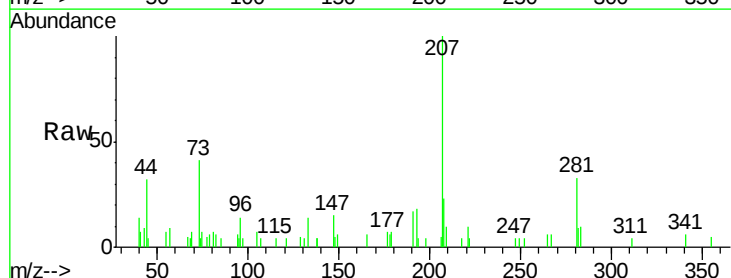
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.002 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.04 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#

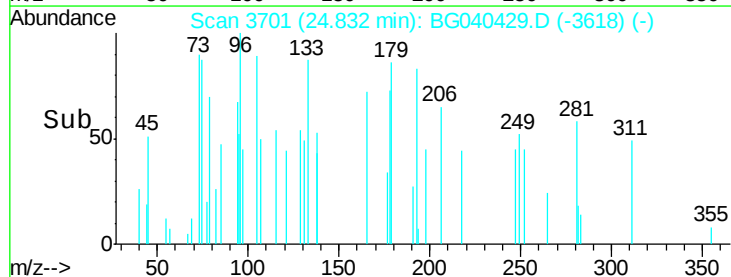
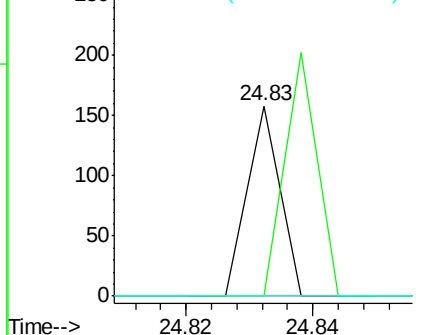


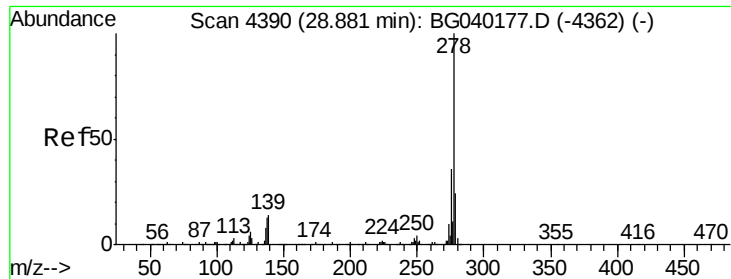
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.83 min Scan# 4381

Delta R.T. -0.05 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampled :

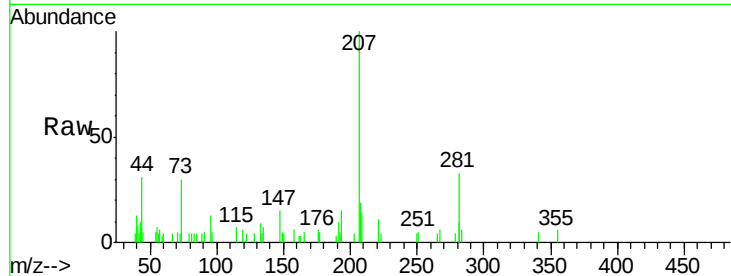
Tot Ion:278 Resp: 57

Ion Ratio Lower Upper

278 100

139 0.0 11.2 16.8#

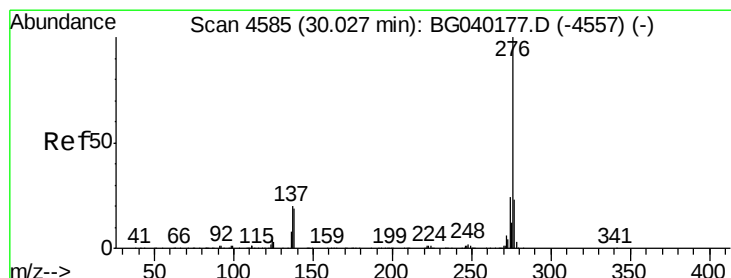
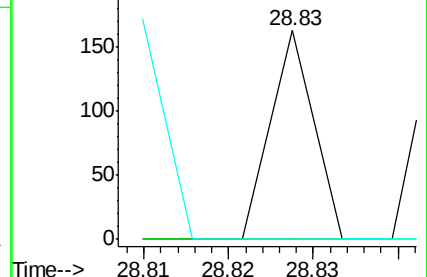
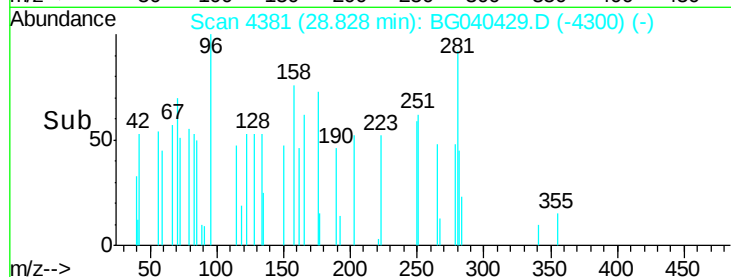
279 0.0 18.9 28.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 29.67 min Scan# 4524

Delta R.T. -0.36 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

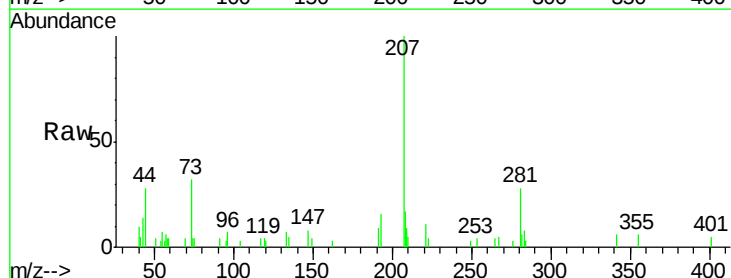
Tgt Ion:276 Resp: 54

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 15.2 22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

