

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032719\
 Data File : BG040187.D
 Acq On : 28 Mar 2019 1:06
 Operator : JU/SJ
 Sample : PB118232BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

Quant Time: Mar 28 06:41:03 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	8.07	152	53721	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	211484	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	128384	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	321696	20.00	ng	0.00
76) Chrysene-d12	21.72	240	369588	20.00	ng	0.00
87) Perylene-d12	25.02	264	363510	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	345100	106.79	ng	0.00
7) Phenol-d6	7.22	99	468352	104.87	ng	0.00
23) Nitrobenzene-d5	9.24	82	278678	70.04	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	154708	111.50	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	639382	73.80	ng	0.00
79) Terphenyl-d14	20.05	244	1135206	69.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	90	0.059	ng	# 1
3) Pyridine	3.92	79	57	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	338	0.179	ng	# 1
6) Aniline	7.60	93	613	0.106	ng	# 1
8) 2-Chlorophenol	7.59	128	57	0.015	ng	# 1
9) Benzaldehyde	7.22	77	760	0.248	ng	# 2
10) Phenol	7.22	94	105	0.022	ng	# 1
11) bis(2-Chloroethyl)ether	7.60	93	613	0.158	ng	# 1
12) 1,3-Dichlorobenzene	8.37	146	54	0.013	ng	# 1
13) 1,4-Dichlorobenzene	8.37	146	54	0.013	ng	# 1
14) 1,2-Dichlorobenzene	8.40	146	129	0.033	ng	# 1
15) Benzyl Alcohol	8.39	79	4605	1.280	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	8.58	45	141	0.019	ng	# 73
17) 2-Methylphenol	8.45	107	70	0.021	ng	# 12
19) n-Nitroso-di-n-propylamine	9.24	70	34686	10.833	ng	# 73
20) 3+4-Methylphenols	8.45	107	70	0.015	ng	# 21
22) Acetophenone	8.87	105	58	0.011	ng	# 48
24) Nitrobenzene	9.24	77	1164	0.283	ng	# 38
25) Isophorone	9.58	82	131	0.016	ng	# 67
36) 4-Chloro-3-methylphenol	12.16	107	54	0.014	ng	# 20
37) 2-Methylnaphthalene	12.54	142	54	0.007	ng	# 15
38) 1-Methylnaphthalene	12.59	142	55	0.007	ng	# 6
41) Hexachlorocyclopentadiene	13.14	237	56	0.025	ng	# 24
46) 1,1'-Biphenyl	13.54	154	977	0.096	ng	# 86
48) 2-Nitroaniline	13.75	65	59	0.022	ng	# 4
49) Acenaphthylene	14.42	152	56	0.004	ng	# 59
51) 2,6-Dinitrotoluene	14.70	165	16483	7.306	ng	# 25
52) Acenaphthene	14.71	154	280	0.037	ng	# 3
54) 2,4-Dinitrophenol	14.79	184	66	0.055	ng	# 18
57) 2,4-Dinitrotoluene	14.70	165	16483	5.258	ng	# 25
58) Fluorene	16.19	166	7236	0.758	ng	# 92
63) Azobenzene	16.05	77	73	0.008	ng	# 48
65) 4,6-Dinitro-2-methylphenol	16.19	198	414	0.229	ng	# 75
66) n-Nitrosodiphenylamine	16.19	169	6111	0.649	ng	# 48

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

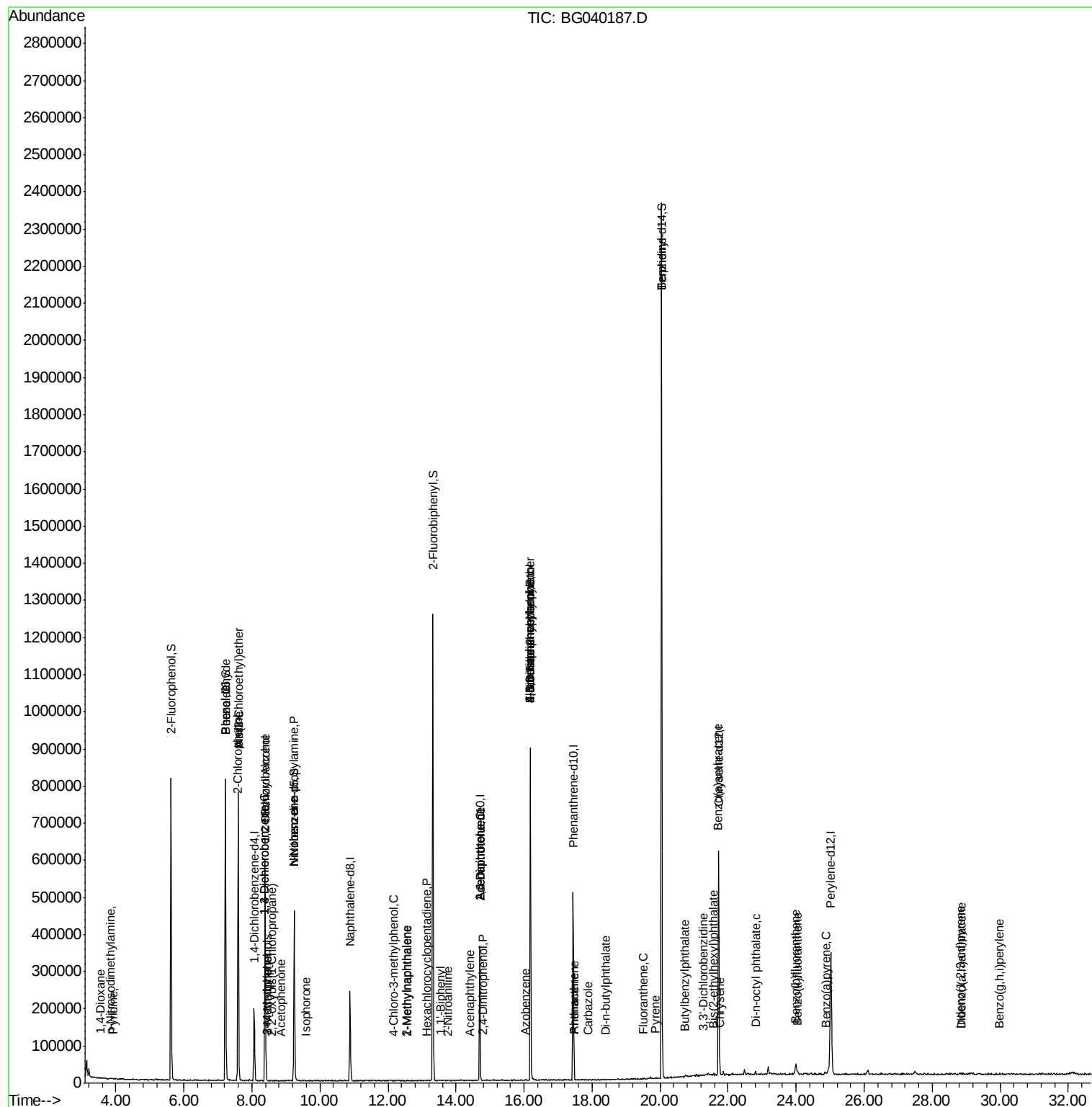
67) 4-Bromophenyl-phenylether	16.19	248	11264	3.111	ng	# 1
71) Phenanthrene	17.49	178	76	0.004	ng	# 58
72) Anthracene	17.49	178	76	0.004	ng	# 59
73) Carbazole	17.88	167	55	0.003	ng	# 59
74) Di-n-butylphthalate	18.39	149	64	0.003	ng	# 77
75) Fluoranthene	19.50	202	325	0.016	ng	# 63
77) Benzydine	20.05	184	17325	1.298	ng	# 92
78) Pyrene	19.87	202	466	0.019	ng	# 56
80) Butylbenzylphthalate	20.73	149	657	0.063	ng	# 86
81) Benzo(a)anthracene	21.71	228	3242	0.142	ng	# 78
82) 3,3'-Dichlorobenzidine	21.26	252	64	0.007	ng	# 26
83) Chrysene	21.77	228	2484	0.114	ng	# 79
84) Bis(2-ethylhexyl)phthalate	21.57	149	1559	0.105	ng	# 85
85) Di-n-octyl phthalate	22.80	149	7031	0.278	ng	# 54
86) Indeno(1,2,3-cd)pyrene	28.82	276	2064	0.077	ng	# 69
88) Benzo(b)fluoranthene	23.97	252	8424	0.379	ng	# 93
89) Benzo(k)fluoranthene	24.03	252	8959	0.438	ng	# 91
90) Benzo(a)pyrene	24.87	252	8366	0.401	ng	# 90
91) Dibenzo(a,h)anthracene	28.87	278	656	0.034	ng	# 57
92) Benzo(g,h,i)perylene	29.99	276	758	0.038	ng	# 55

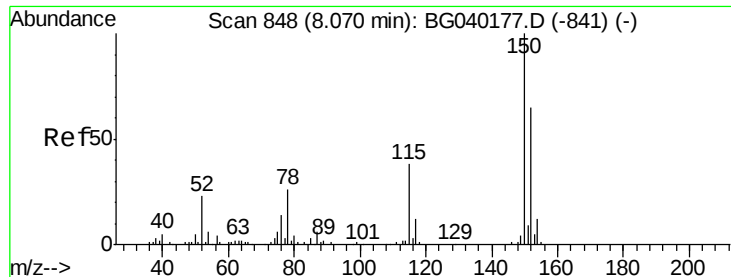
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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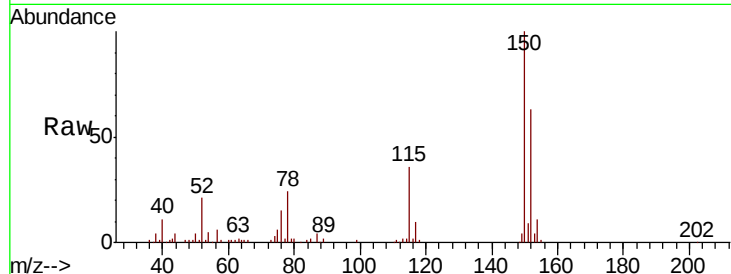


#1

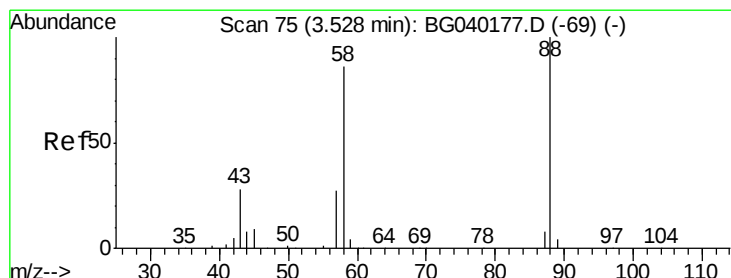
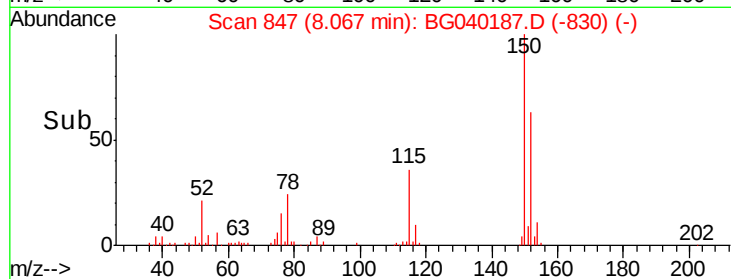
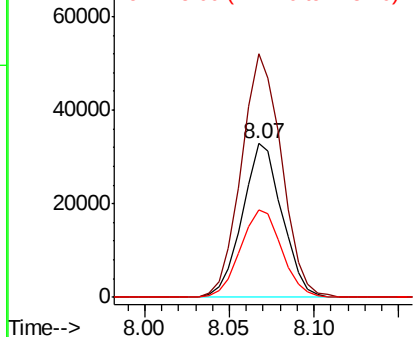
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion:152 Resp: 53721
Ion Ratio Lower Upper
152 100
150 158.6 123.7 185.5
115 57.1 46.9 70.3



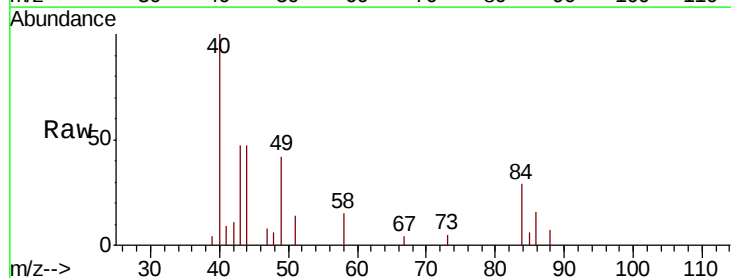
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



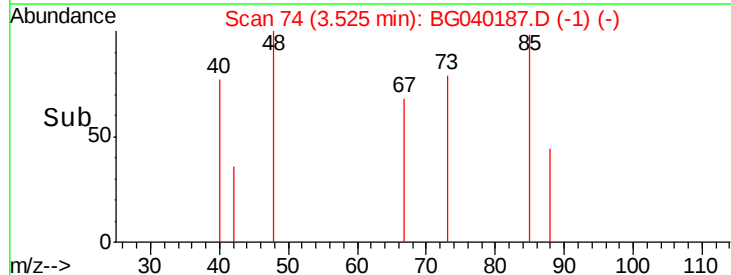
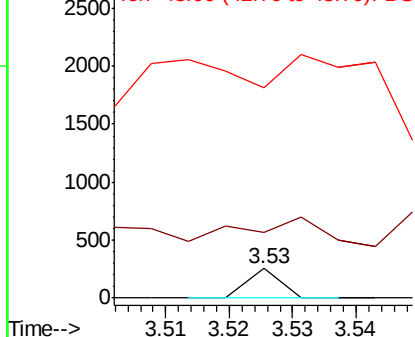
#2

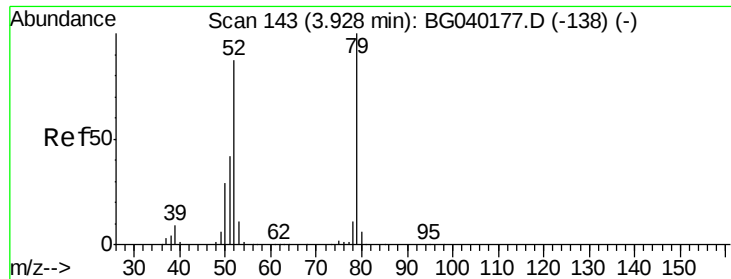
1,4-Dioxane
Concen: 0.059 ng
RT: 3.53 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion: 88 Resp: 90
Ion Ratio Lower Upper
88 100
58 233.3 70.6 106.0#
43 490.0 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

Pyridine

Concen: 0.014 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

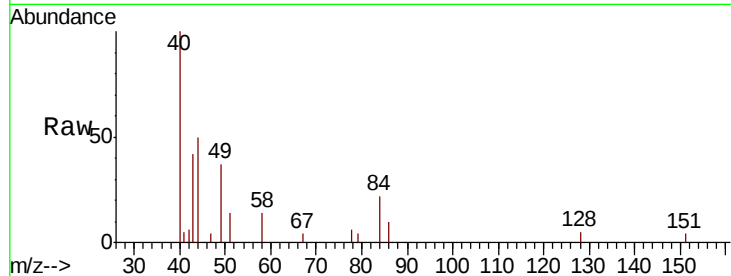
Tgt Ion: 79 Resp: 57

Ion Ratio Lower Upper

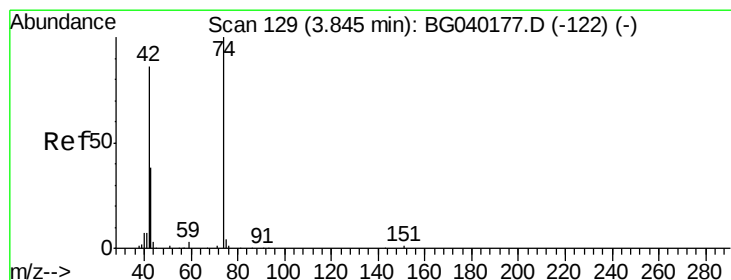
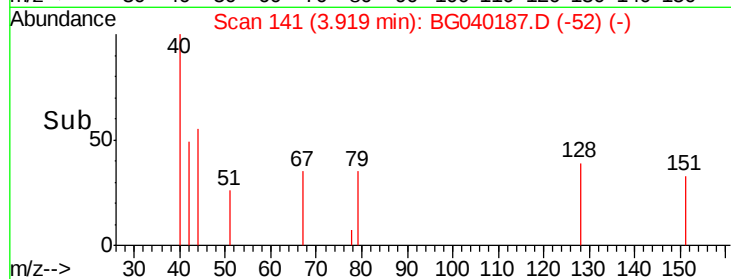
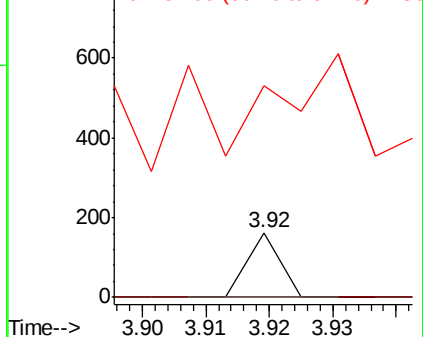
79 100

52 0.0 69.8 104.8#

51 327.8 33.9 50.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.179 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

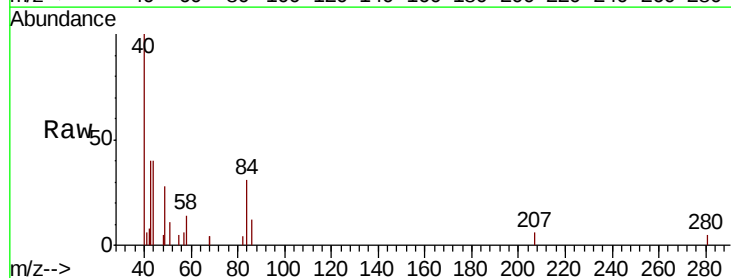
Tgt Ion: 42 Resp: 338

Ion Ratio Lower Upper

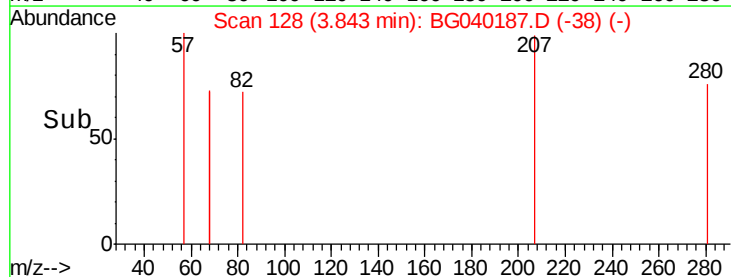
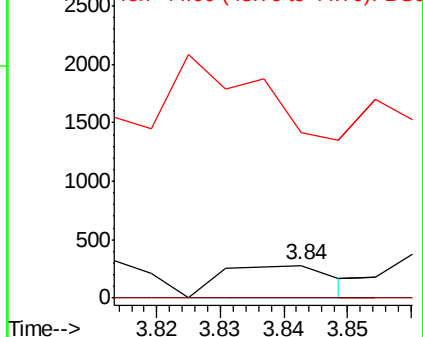
42 100

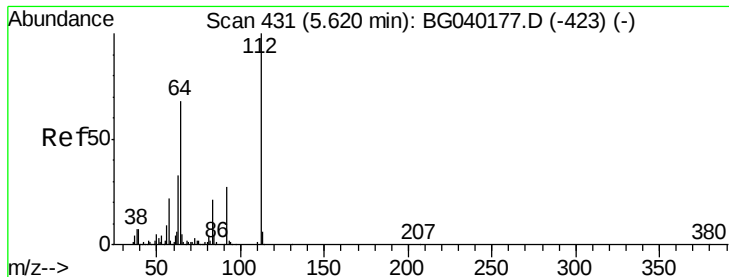
74 0.0 92.9 139.3#

44 510.8 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 106.792 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

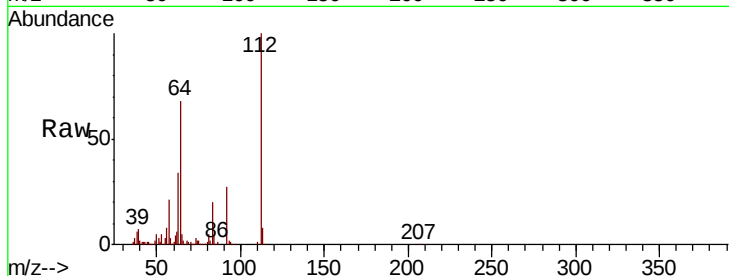
Tgt Ion: 112 Resp: 345100

Ion Ratio Lower Upper

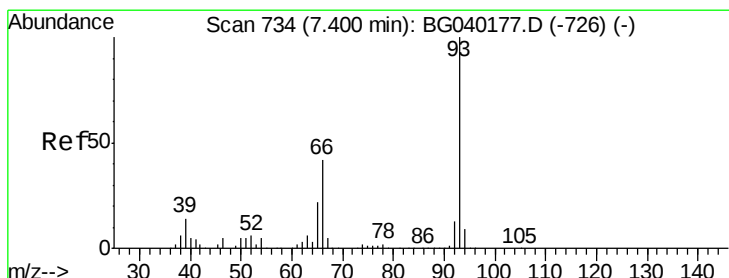
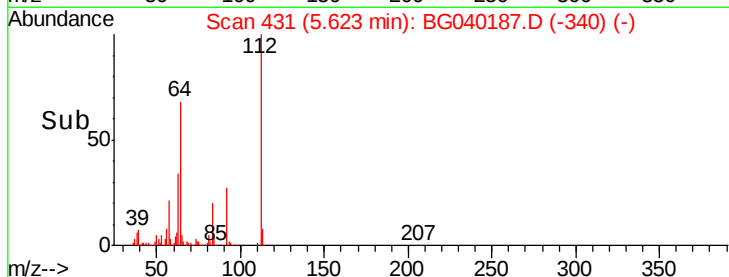
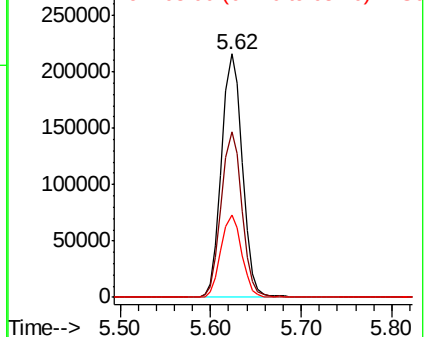
112 100

64 68.1 54.2 81.2

63 33.8 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: 0.106 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.20 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

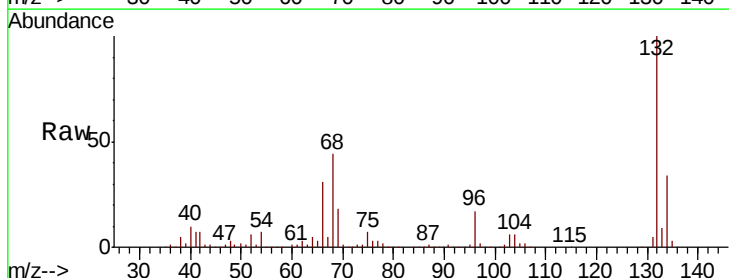
Tgt Ion: 93 Resp: 613

Ion Ratio Lower Upper

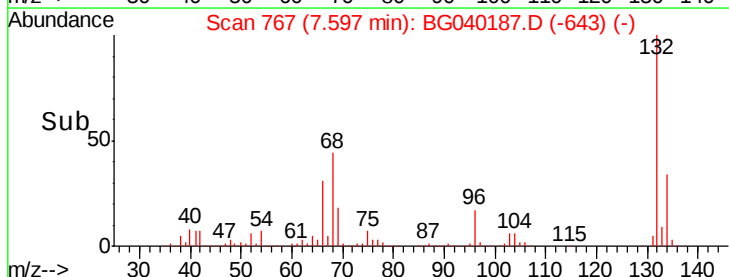
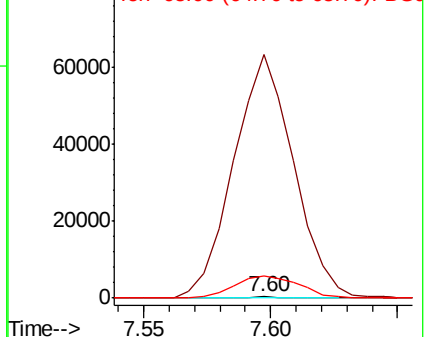
93 100

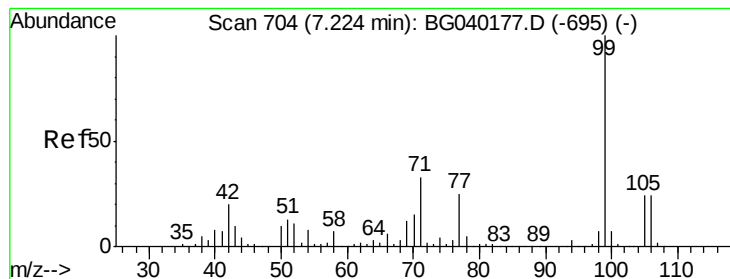
66 14939.6 33.6 50.4#

65 1363.7 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: 104.871 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

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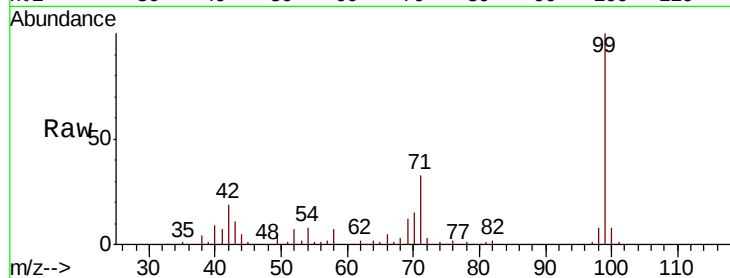
Tgt Ion: 99 Resp: 468352

Ion Ratio Lower Upper

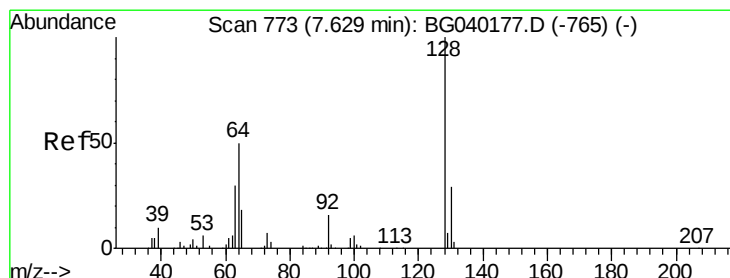
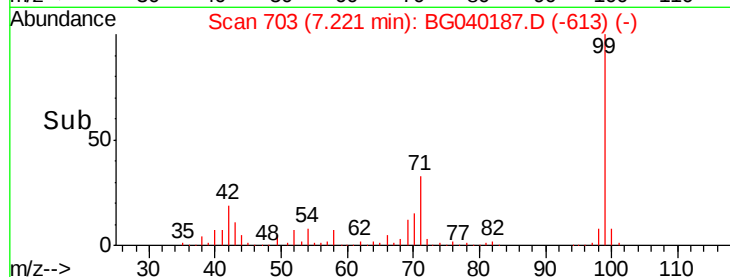
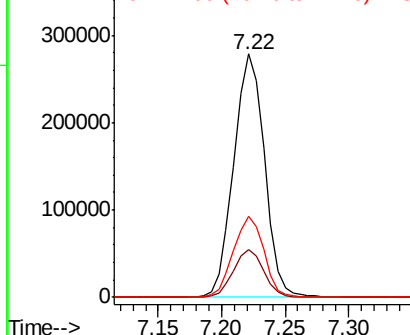
99 100

42 19.5 16.2 24.2

71 33.0 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



#8

2-Chlorophenol

Concen: 0.015 ng

RT: 7.59 min Scan# 765

Delta R.T. -0.04 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

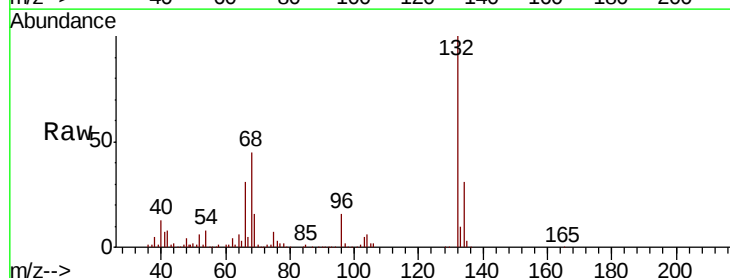
Tgt Ion: 128 Resp: 57

Ion Ratio Lower Upper

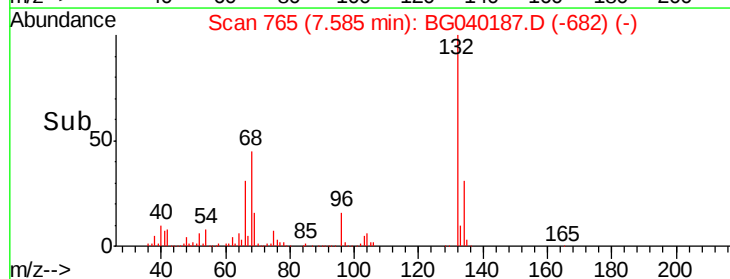
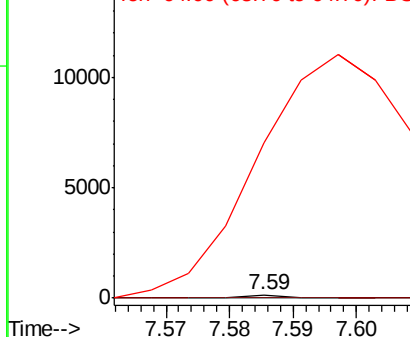
128 100

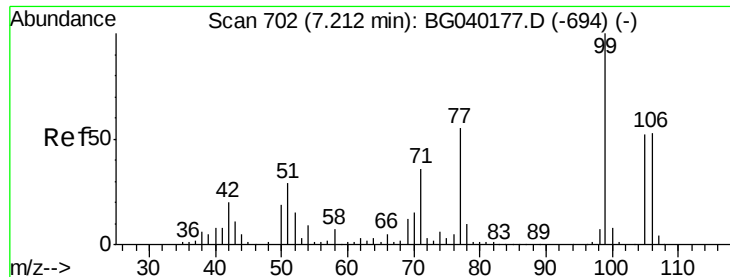
130 0.0 9.1 49.1#

64 4353.7 33.1 73.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.248 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

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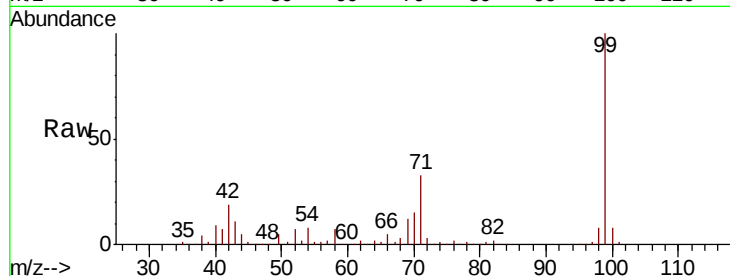
Tgt Ion: 77 Resp: 760

Ion Ratio Lower Upper

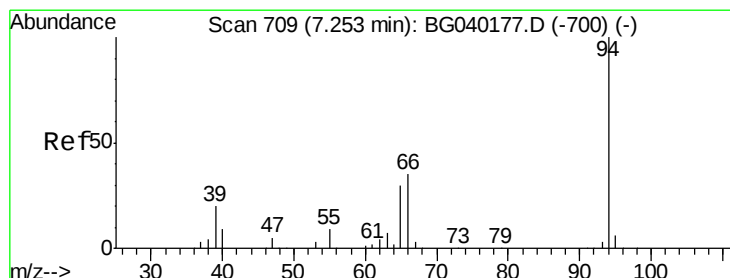
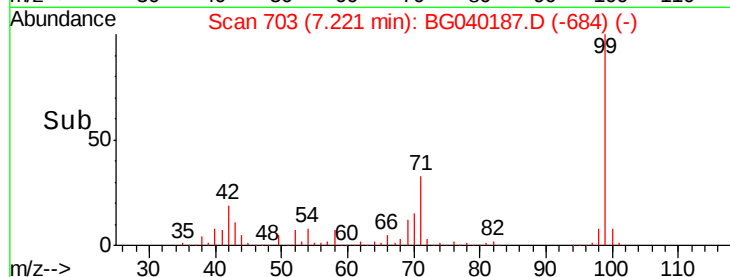
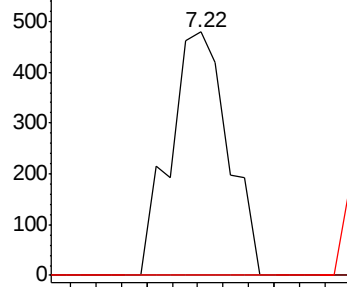
77 100

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: 0.022 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.03 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

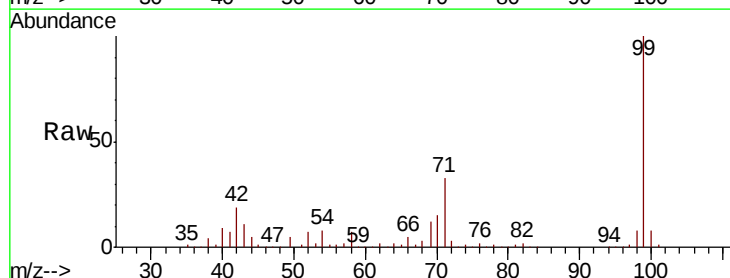
Tgt Ion: 94 Resp: 105

Ion Ratio Lower Upper

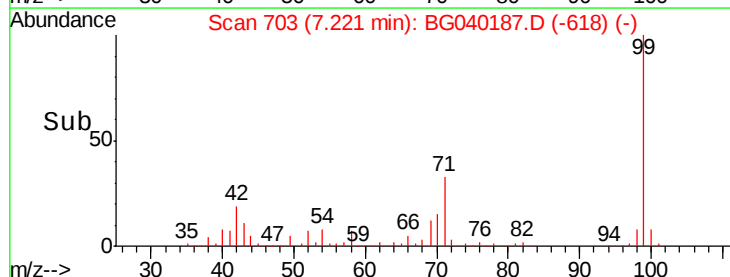
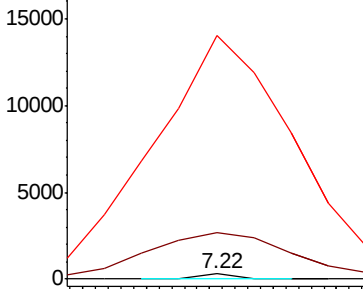
94 100

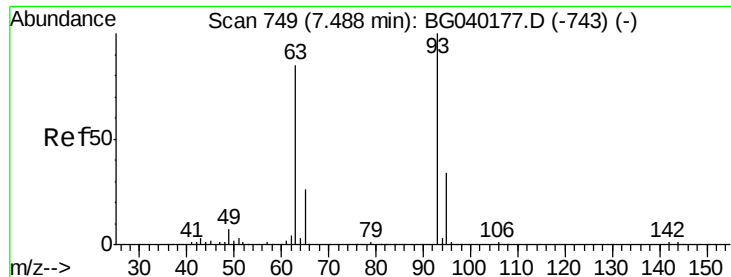
65 900.3 10.5 50.5#

66 4724.9 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



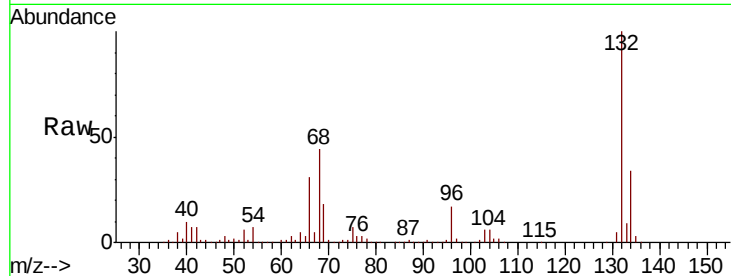


#11
bis(2-Chloroethyl)ether
Concen: 0.158 ng
RT: 7.60 min Scan# 767
Delta R.T. 0.11 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

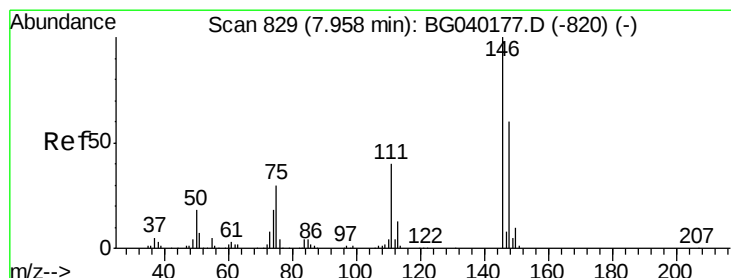
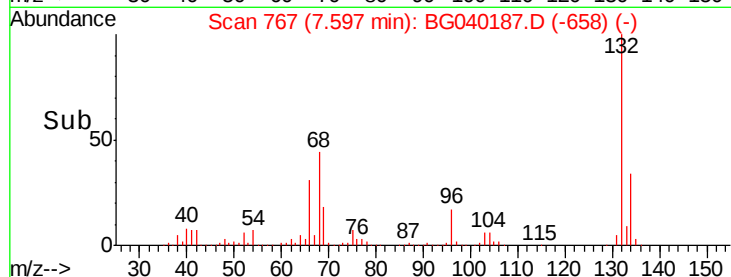
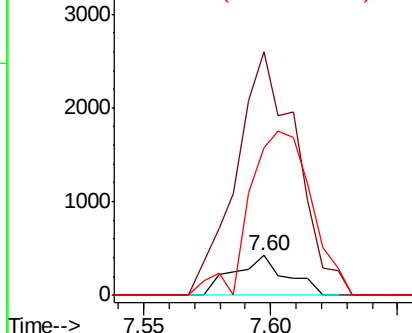
Instrument :
BNA_G
ClientSampleId :
PB118232BL

Tgt Ion: 93 Resp: 613

Ion	Ratio	Lower	Upper
93	100		
63	612.5	64.2	104.2#
95	372.2	14.0	54.0#



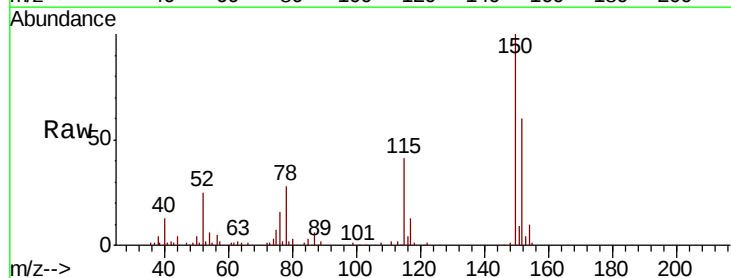
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



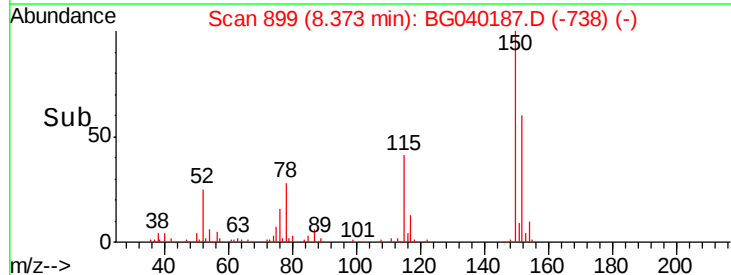
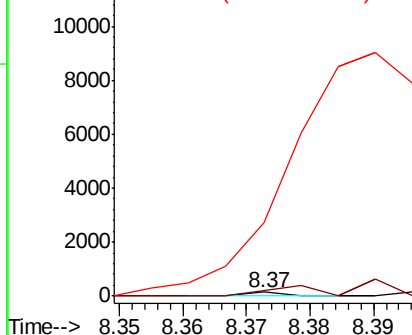
#12
1,3-Dichlorobenzene
Concen: 0.013 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.41 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

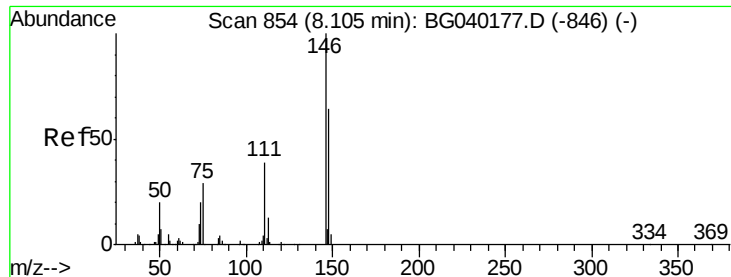
Tgt Ion: 146 Resp: 54

Ion	Ratio	Lower	Upper
146	100		
148	142.8	48.2	72.2#
75	1774.3	24.1	36.1#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

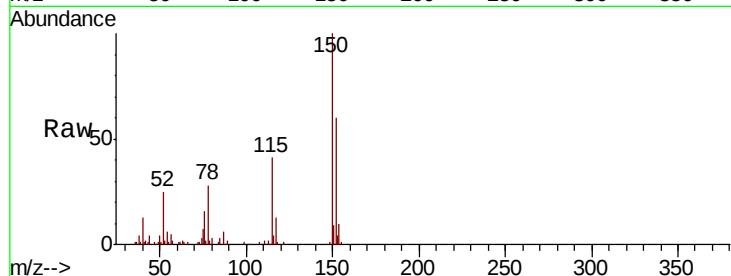




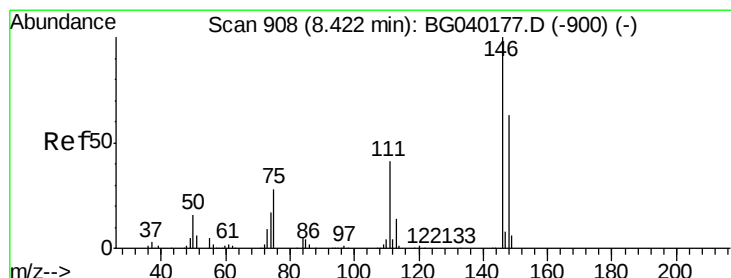
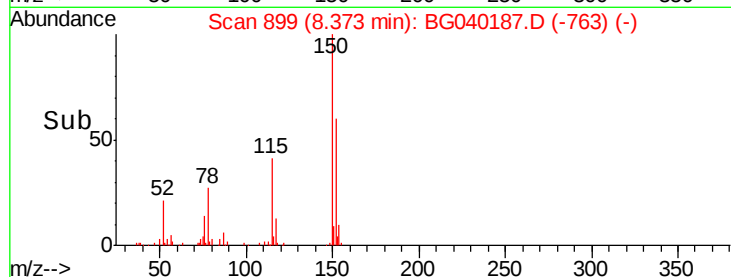
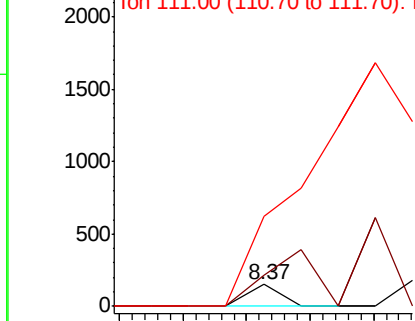
#13
 1,4-Dichlorobenzene
 Concen: 0.013 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.27 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

Tgt Ion:146 Resp: 54
 Ion Ratio Lower Upper
 146 100
 148 142.8 51.0 76.4#
 111 408.6 31.8 47.6#

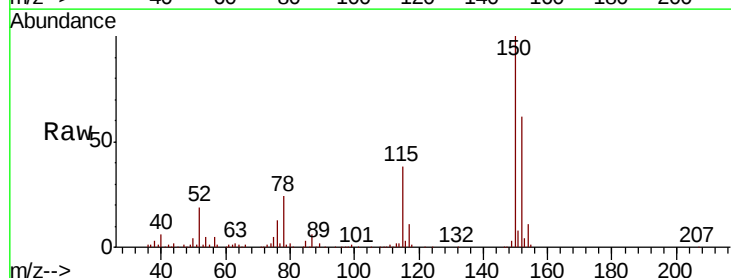


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

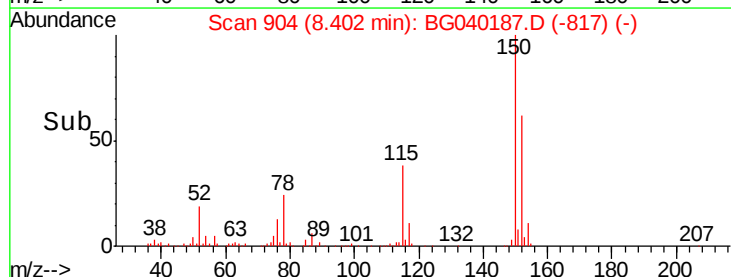
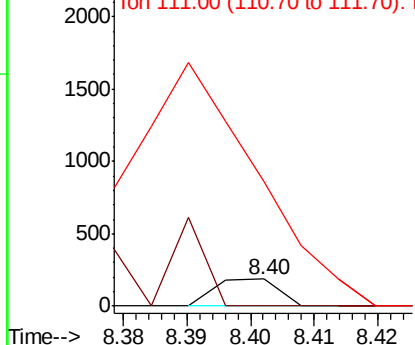


#14
 1,2-Dichlorobenzene
 Concen: 0.033 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Tgt Ion:146 Resp: 129
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.8 76.2#
 111 464.5 33.4 50.0#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.280 ng

RT: 8.39 min Scan# 902

Delta R.T. 0.08 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

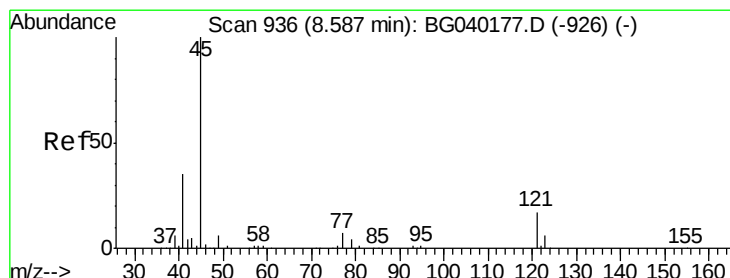
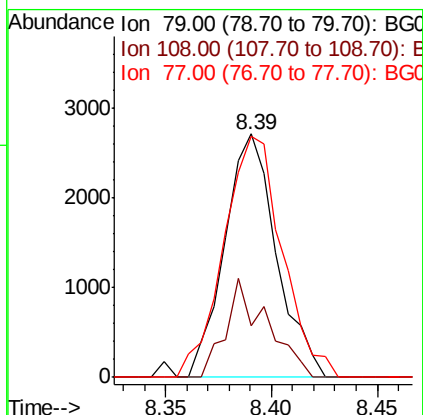
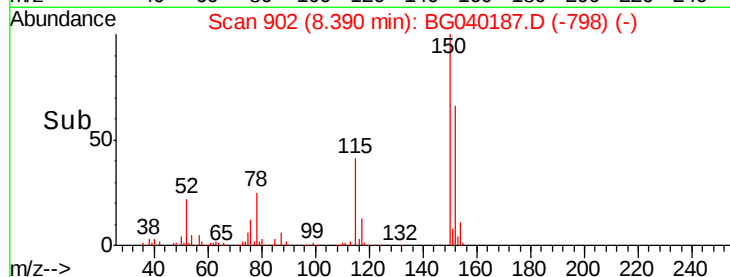
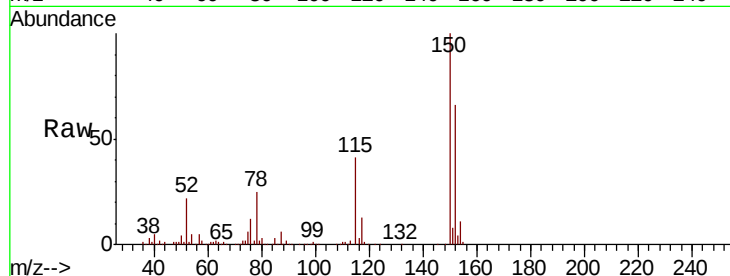
Tgt Ion: 79 Resp: 4605

Ion Ratio Lower Upper

79 100

108 21.5 62.1 93.1#

77 99.0 51.9 77.9#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.019 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

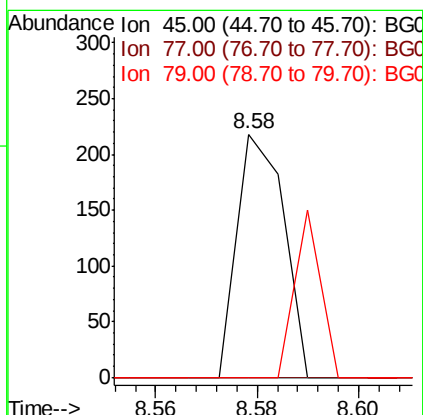
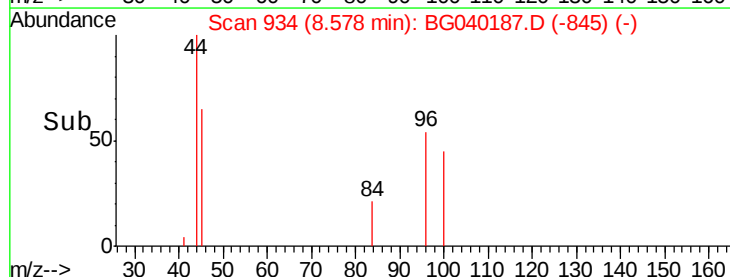
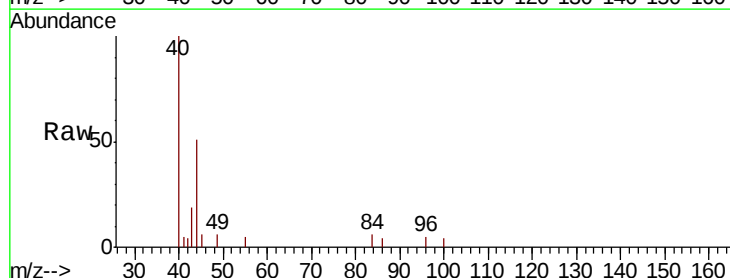
Tgt Ion: 45 Resp: 141

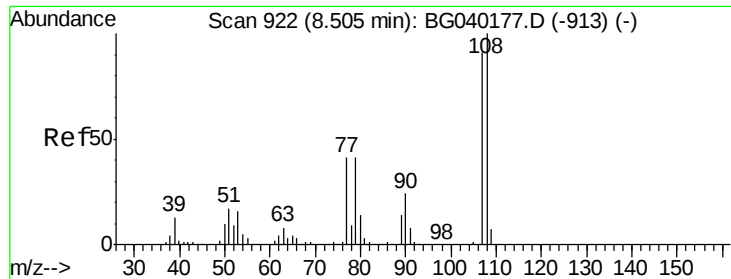
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.4

79 0.0 0.0 28.3

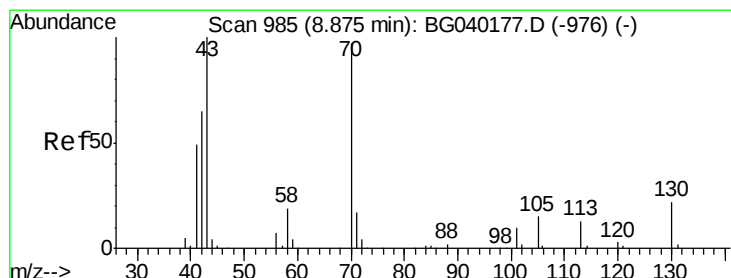
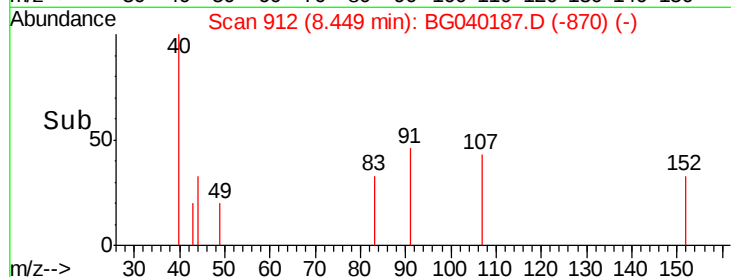
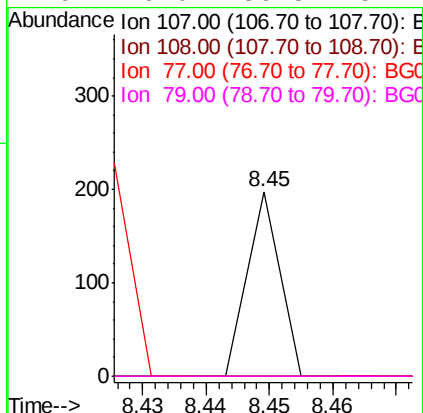
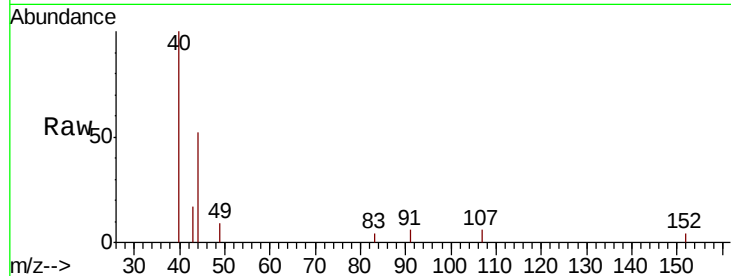




#17
2-Methylphenol
Concen: 0.021 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.06 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

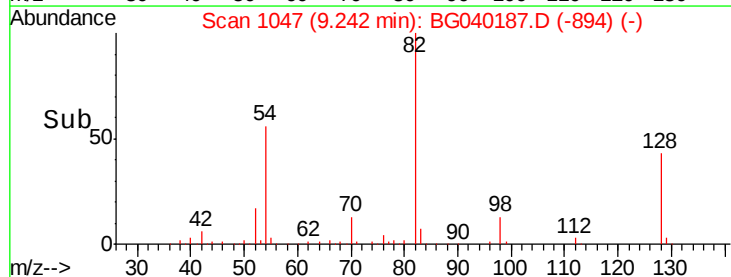
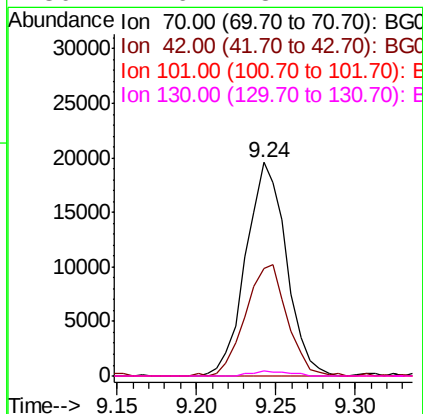
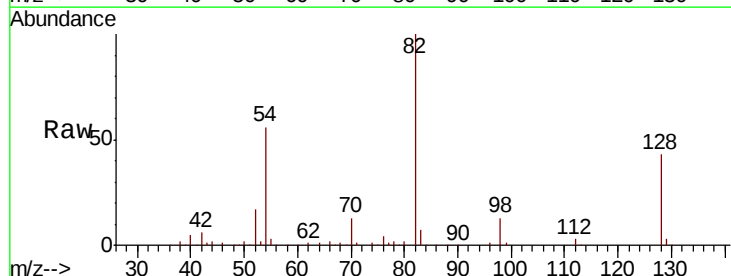
Instrument :
BNA_G
ClientSampleId :
PB118232BL

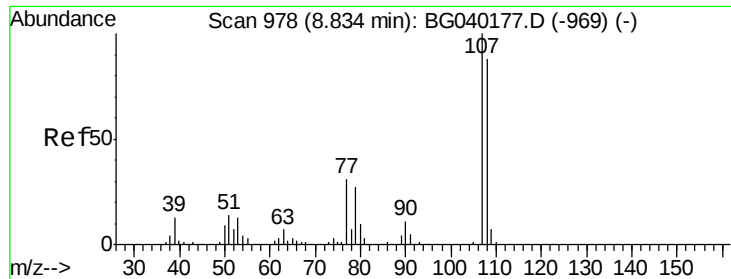
Tgt Ion:	107	Resp:	70
Ion	Ratio	Lower	Upper
107	100		
108	0.0	88.2	132.4#
77	0.0	36.6	55.0#
79	0.0	36.5	54.7#



#19
n-Nitroso-di-n-propylamine
Concen: 10.833 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion:	70	Resp:	34686
Ion	Ratio	Lower	Upper
70	100		
42	50.4	54.0	81.0#
101	0.0	8.6	13.0#
130	2.6	18.2	27.2#

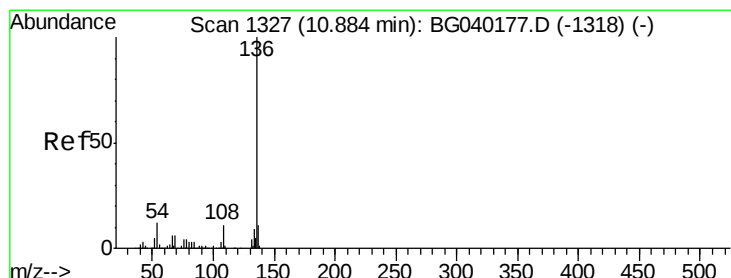
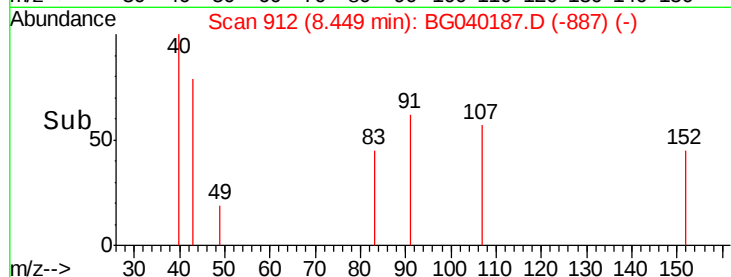
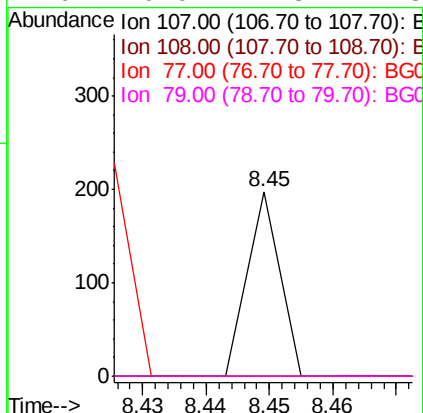
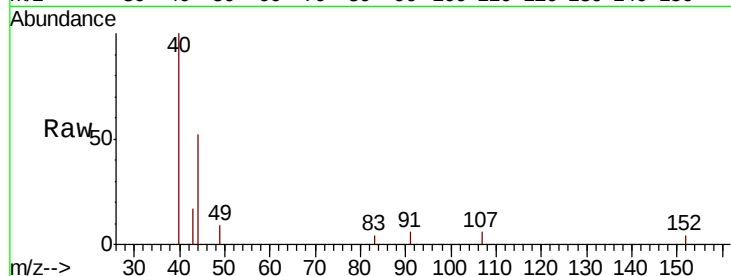




#20
3+4-Methylphenols
Concen: 0.015 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.38 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

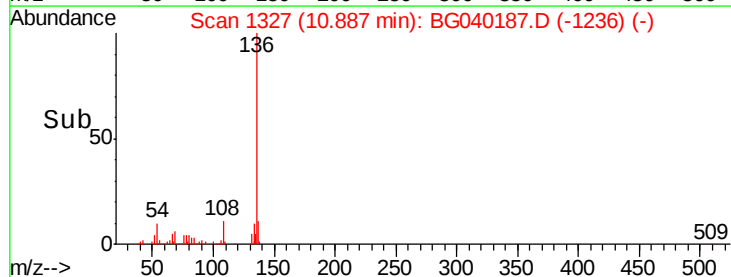
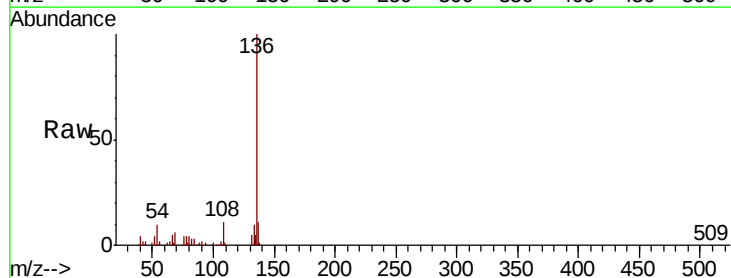
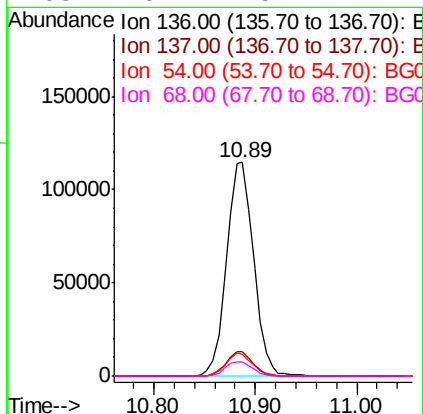
Instrument :
BNA_G
ClientSampleId :
PB118232BL

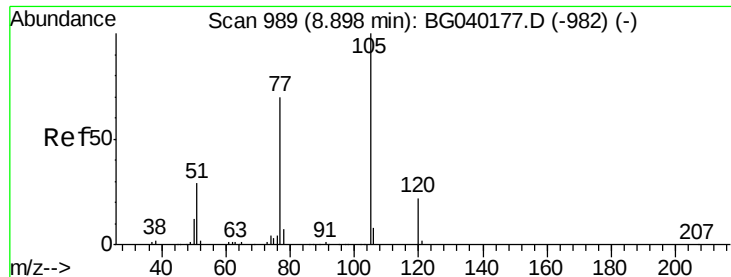
Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.3	108.3#
77	0.0	11.3	51.3#
79	0.0	7.3	47.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.1	9.6	14.4
68	6.4	5.1	7.7

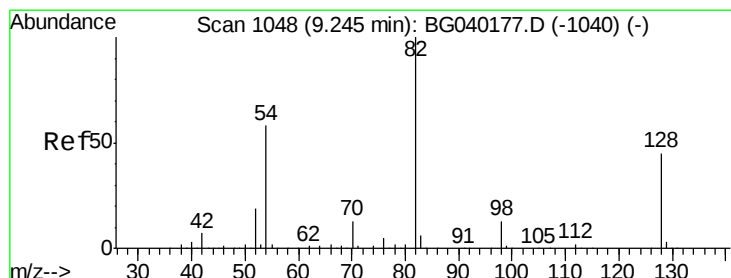
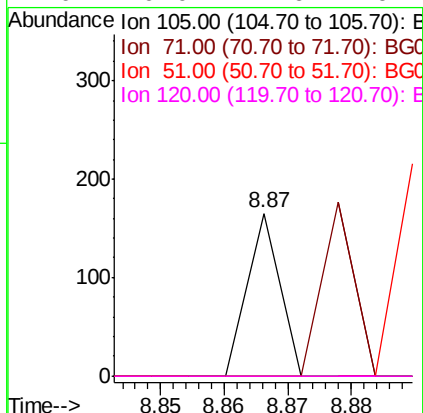
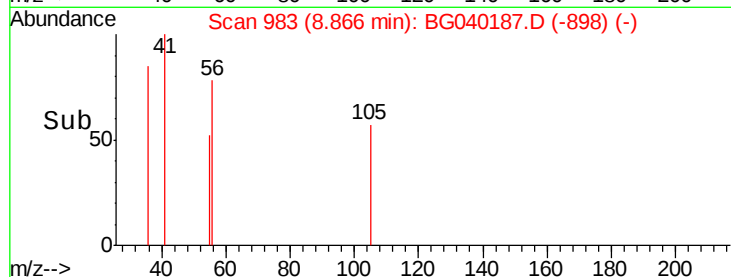
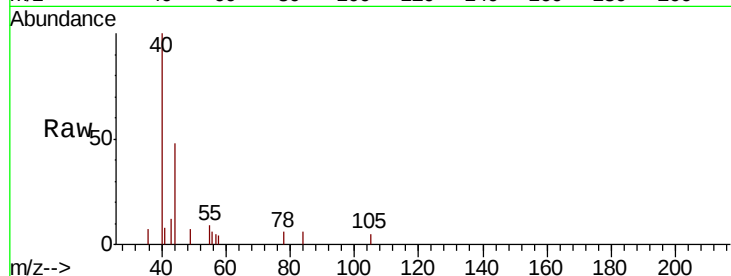




#22
Acetophenone
Concen: 0.011 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.03 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

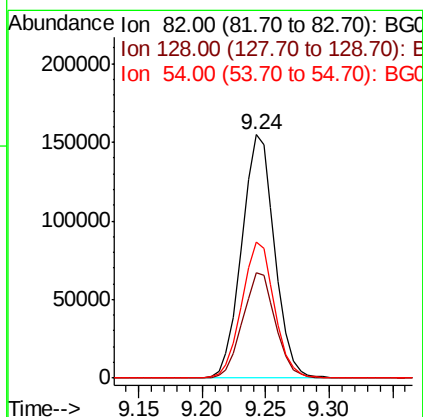
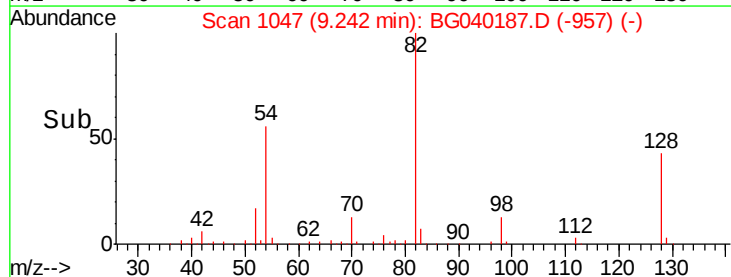
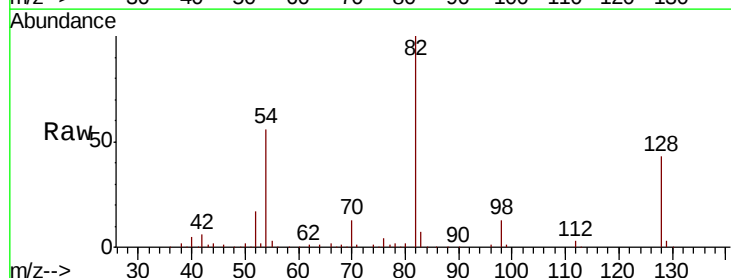
Instrument :
BNA_G
ClientSampleId :
PB118232BL

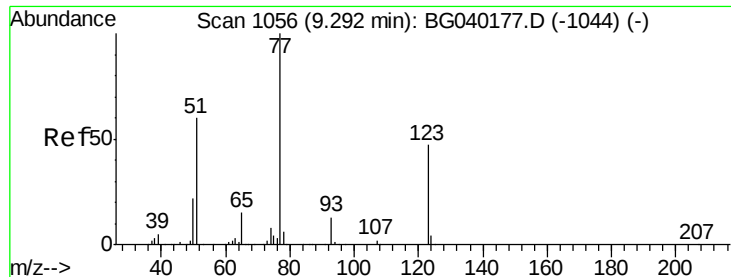
Tgt Ion: 105 Resp: 58
Ion Ratio Lower Upper
105 100
71 0.0 0.6 1.0#
51 0.0 25.1 37.7#
120 0.0 17.6 26.4#



#23
Nitrobenzene-d5
Concen: 70.042 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion: 82 Resp: 278678
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.8
54 56.0 46.2 69.2

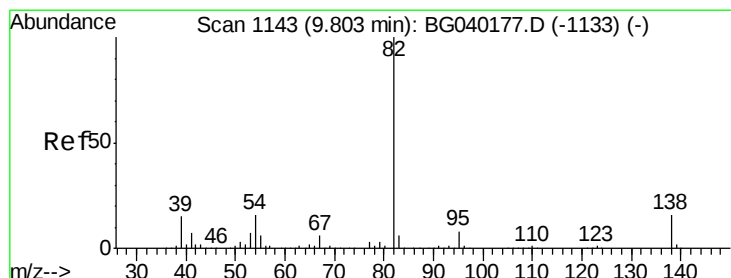
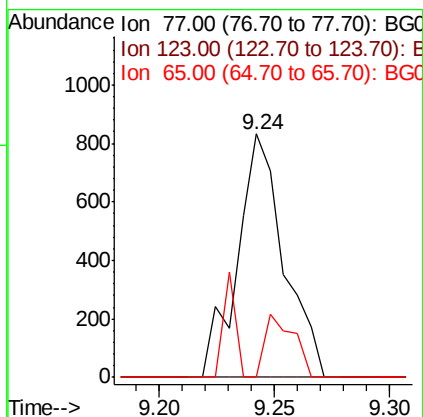
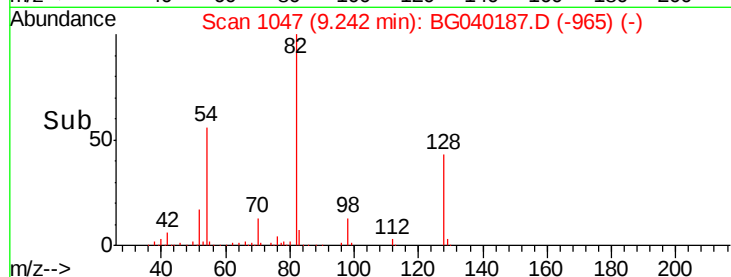
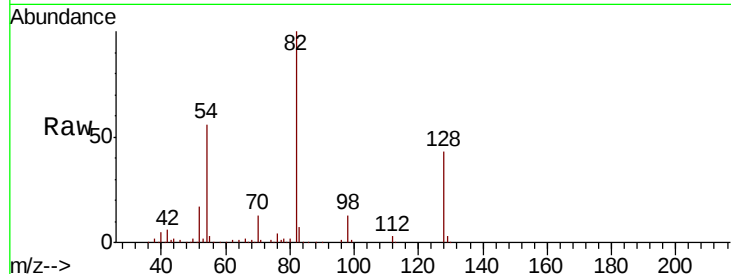




#24
 Nitrobenzene
 Concen: 0.283 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

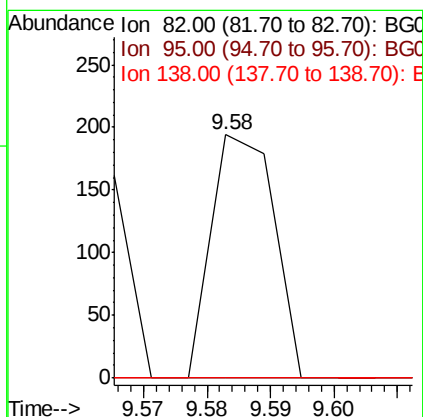
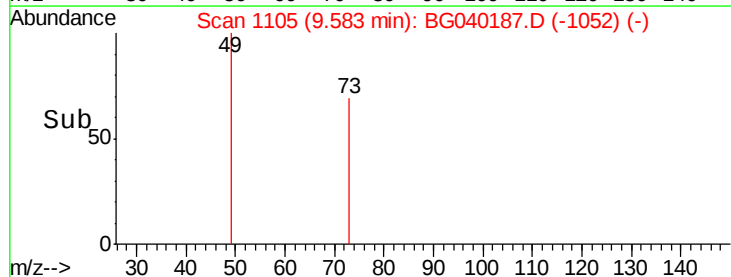
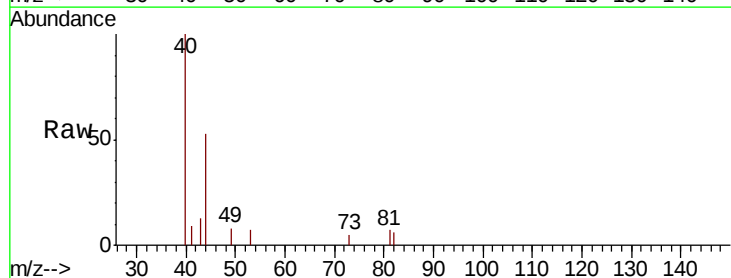
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

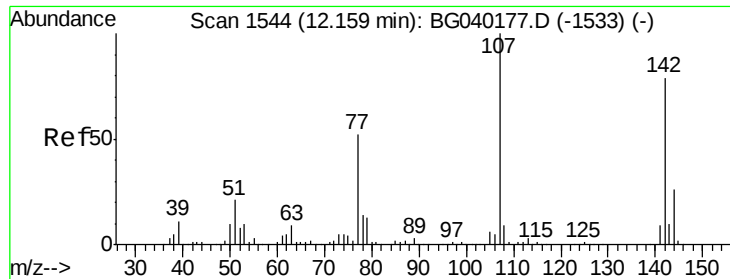
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	0.0	12.0	18.0#



#25
 Isophorone
 Concen: 0.016 ng
 RT: 9.58 min Scan# 1105
 Delta R.T. -0.22 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

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

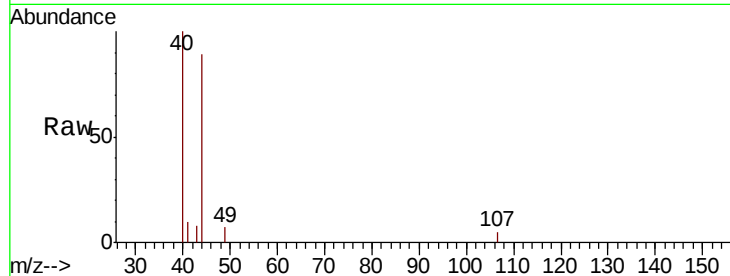




#36
 4-Chloro-3-methylphenol
 Concen: 0.014 ng
 RT: 12.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

Tgt Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	63.1	94.7#

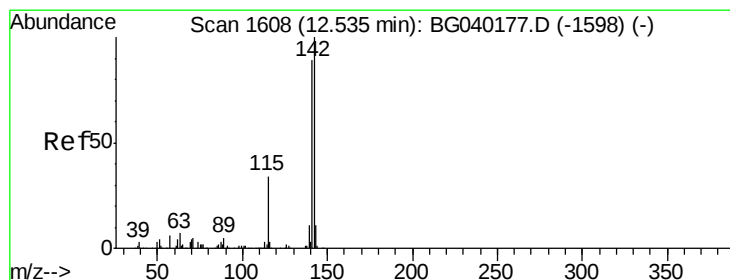
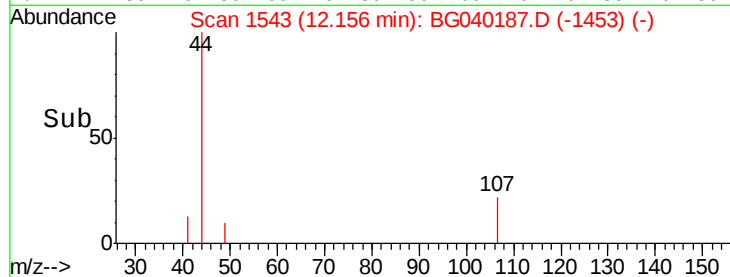
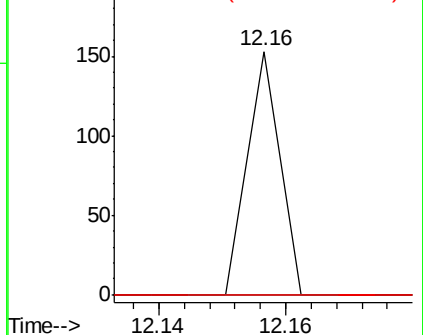


Abundance

Ion 107.00 (106.70 to 107.70): E

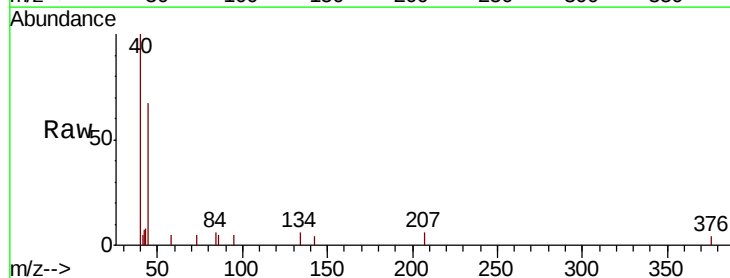
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 0.007 ng
 RT: 12.54 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.0	106.6#
115	0.0	27.3	40.9#

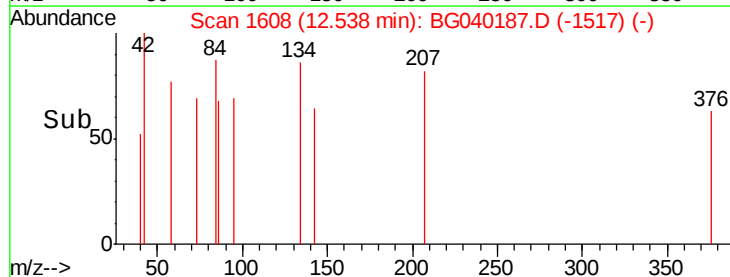
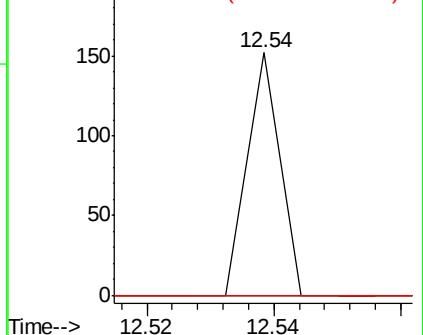


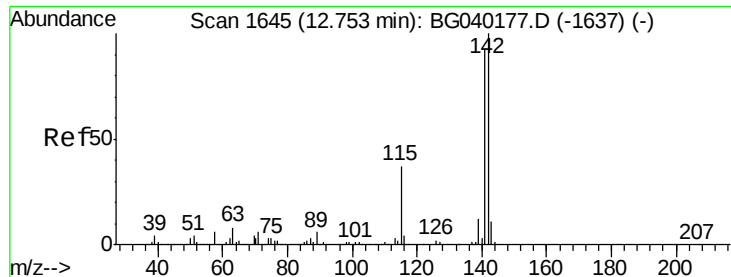
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

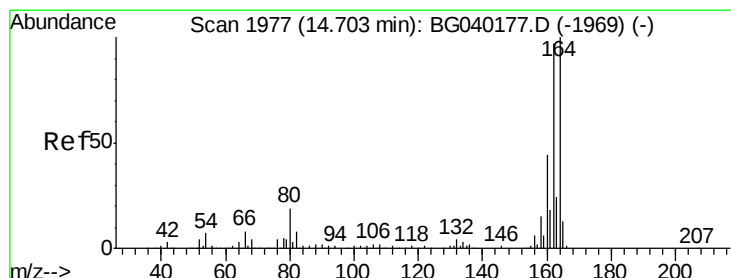
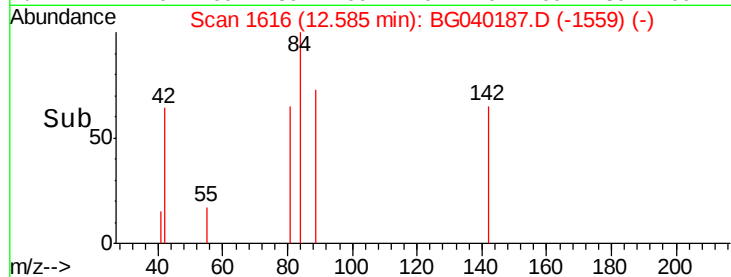
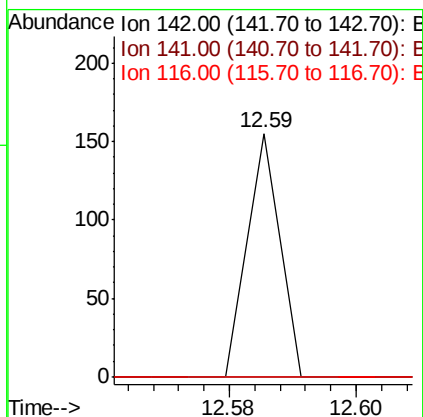
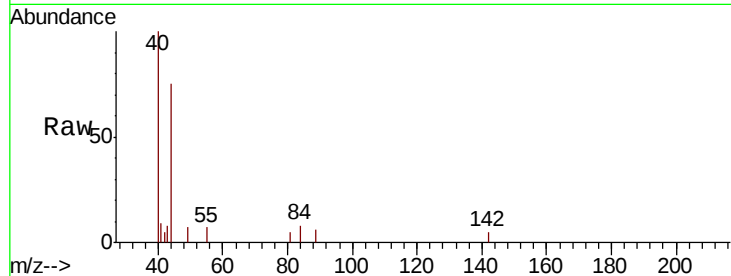




#38
 1-Methylnaphthalene
 Concen: 0.007 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. -0.17 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

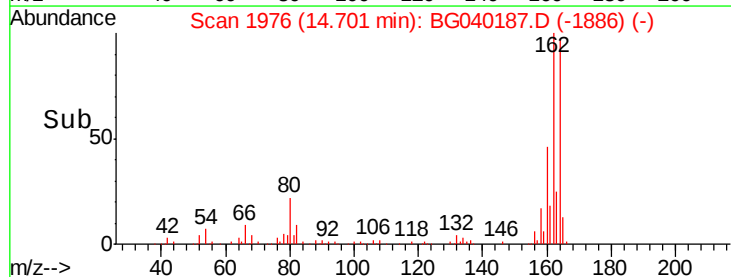
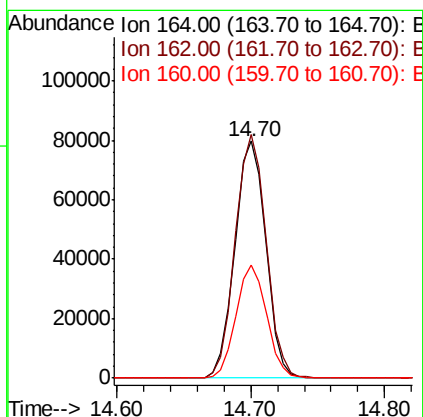
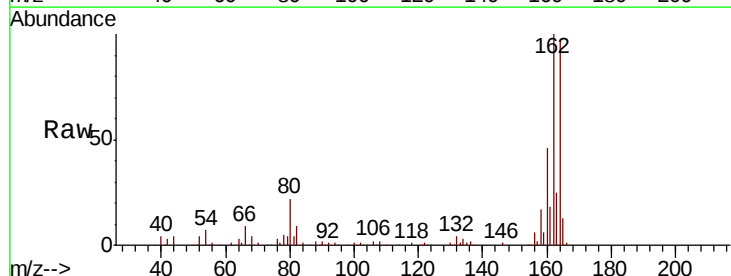
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

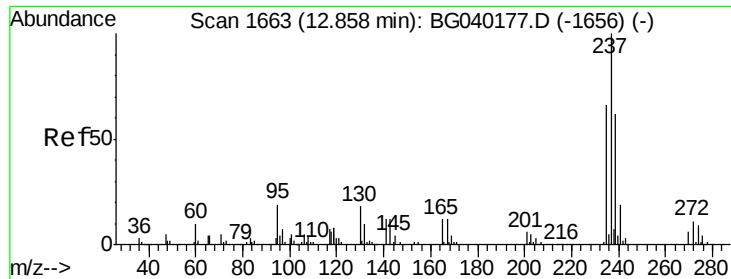
Tgt Ion:142 Resp: 55
 Ion Ratio Lower Upper
 142 100
 141 0.0 74.2 111.4#
 116 0.0 3.0 4.4#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Tgt Ion:164 Resp: 128384
 Ion Ratio Lower Upper
 164 100
 162 102.8 77.4 116.2
 160 47.6 35.3 52.9





#41

Hexachlorocyclopentadiene

Concen: 0.025 ng

RT: 13.14 min Scan# 1710

Delta R.T. 0.28 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

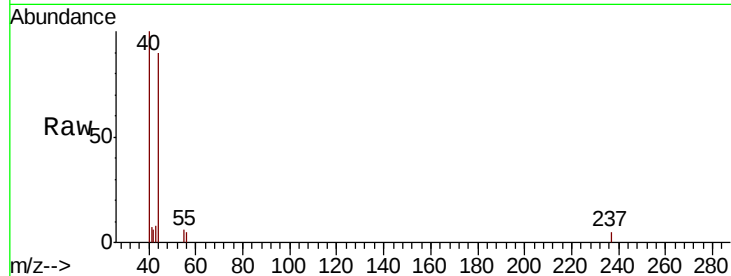
Instrument :

BNA_G

ClientSampleId :

PB118232BL

Tgt Ion:	237	Resp:	56
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

13.14

13.12

13.14

13.16

13.18

13.20

13.22

13.24

13.26

13.28

13.30

13.32

13.34

13.36

13.38

13.40

13.42

13.44

13.46

13.48

13.50

13.52

13.54

13.56

13.58

13.60

13.62

13.64

13.66

13.68

13.70

13.72

13.74

13.76

13.78

13.80

13.82

13.84

13.86

13.88

13.90

13.92

13.94

13.96

13.98

14.00

14.02

14.04

14.06

14.08

14.10

14.12

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14.36

14.38

14.40

14.42

14.44

14.46

14.48

14.50

14.52

14.54

14.56

14.58

14.60

14.62

14.64

14.66

14.68

14.70

14.72

14.74

14.76

14.78

14.80

14.82

14.84

14.86

14.88

14.90

14.92

14.94

14.96

14.98

15.00

15.02

15.04

15.06

15.08

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15.36

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15.40

15.42

15.44

15.46

15.48

15.50

15.52

15.54

15.56

15.58

15.60

15.62

15.64

15.66

15.68

15.70

15.72

15.74

15.76

15.78

15.80

15.82

15.84

15.86

15.88

15.90

15.92

15.94

15.96

15.98

16.00

16.02

16.04

16.06

16.08

16.10

16.12

16.14

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16.18

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16.28

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16.32

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16.36

16.38

16.40

16.42

16.44

16.46

16.48

16.50

16.52

16.54

16.56

16.58

16.60

16.62

16.64

16.66

16.68

16.70

16.72

16.74

16.76

16.78

16.80

16.82

16.84

16.86

16.88

16.90

16.92

16.94

16.96

16.98

17.00

17.02

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17.50

17.52

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17.60

17.62

17.64

17.66

17.68

17.70

17.72

17.74

17.76

17.78

17.80

17.82

17.84

17.86

17.88

17.90

17.92

17.94

17.96

17.98

18.00

18.02

18.04

18.06

18.08

18.10

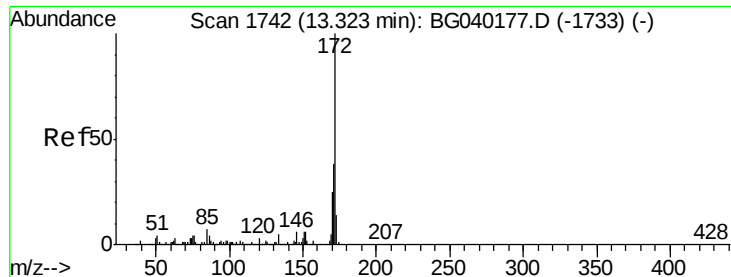
18.12

18.14

18.16

18.18

18.20



#45

2-Fluorobiphenyl

Concen: 73.795 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

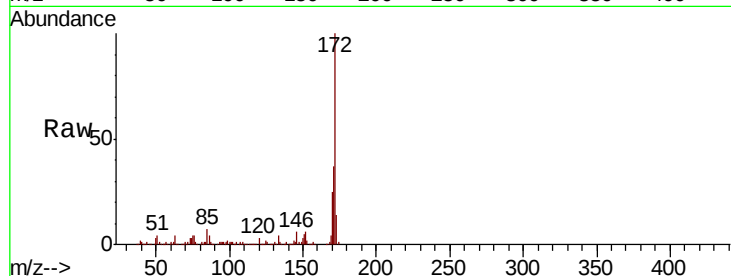
Tgt Ion:172 Resp: 639382

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

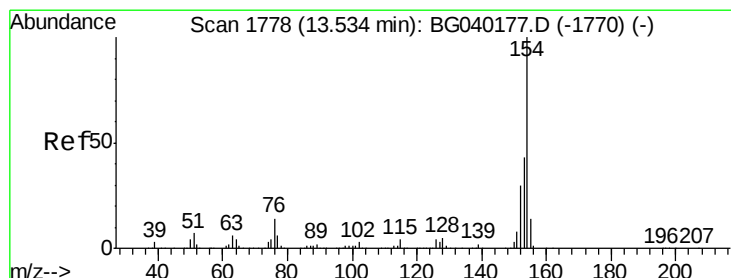
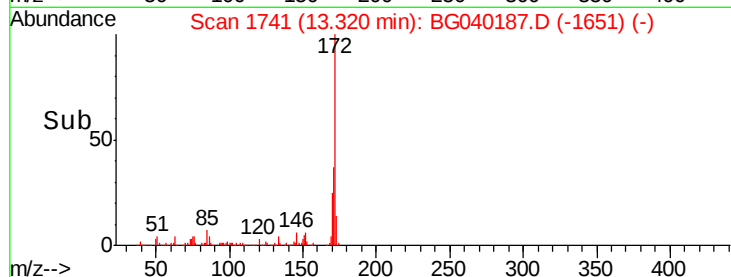
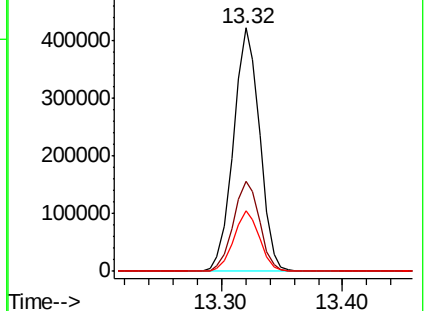
170 24.9 20.1 30.1



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: 0.096 ng

RT: 13.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

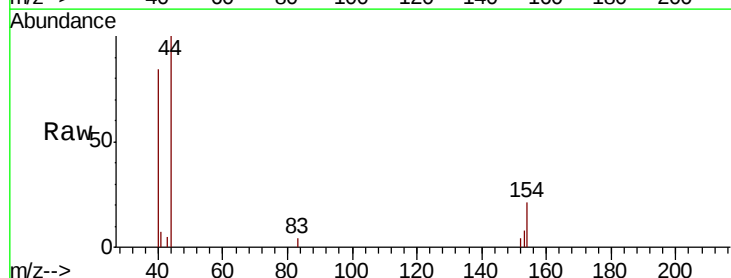
Tgt Ion:154 Resp: 977

Ion Ratio Lower Upper

154 100

153 37.7 22.5 62.5

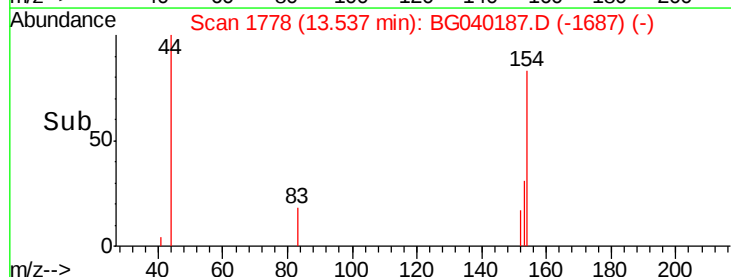
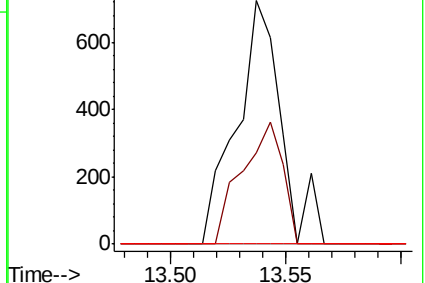
76 0.0 0.0 33.7

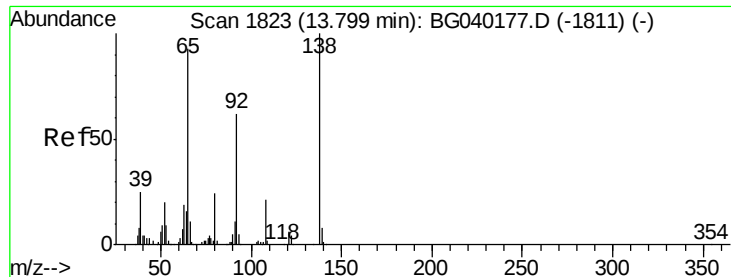


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#48

2-Nitroaniline

Concen: 0.022 ng

RT: 13.75 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

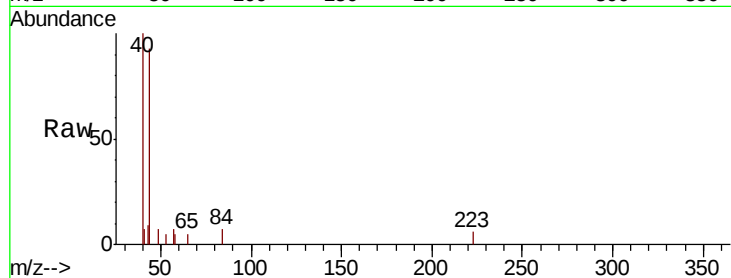
Tgt Ion: 65 Resp: 59

Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.6#

138 0.0 86.3 129.5#

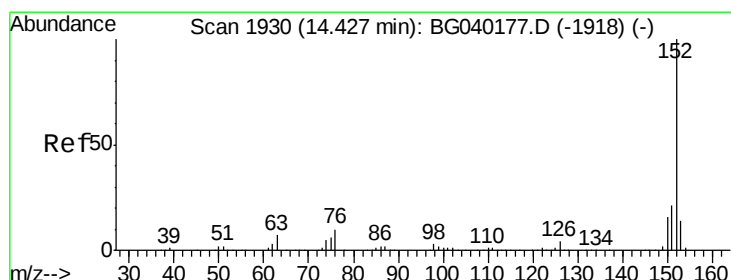
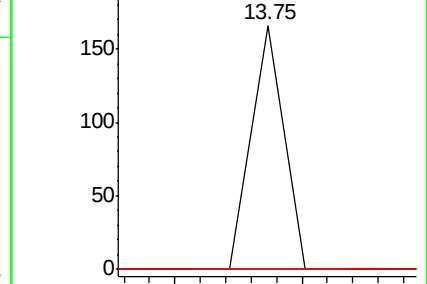
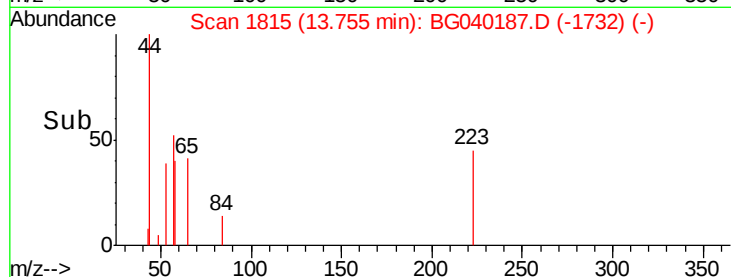


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

13.75



#49

Acenaphthylene

Concen: 0.004 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

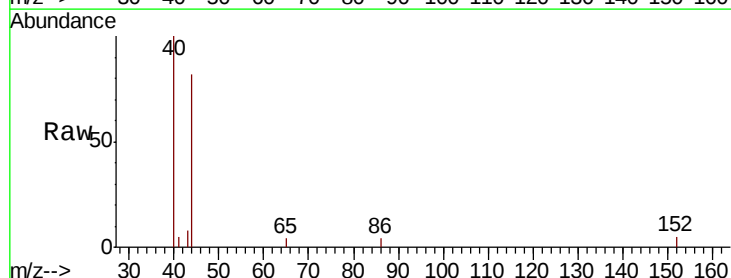
Tgt Ion: 152 Resp: 56

Ion Ratio Lower Upper

152 100

151 0.0 17.0 25.6#

153 0.0 10.8 16.2#

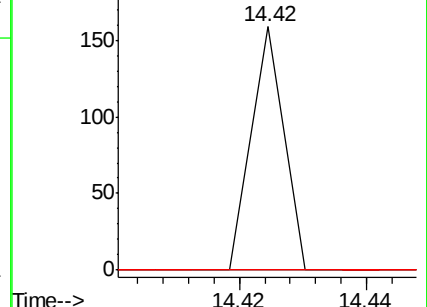
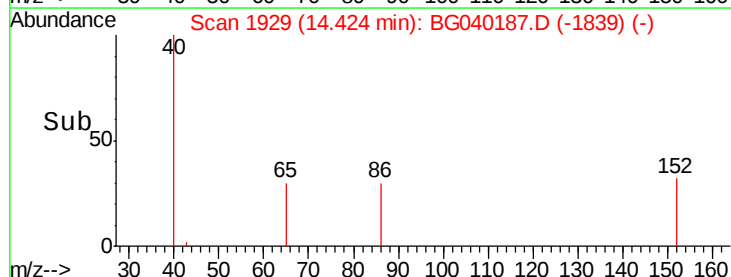


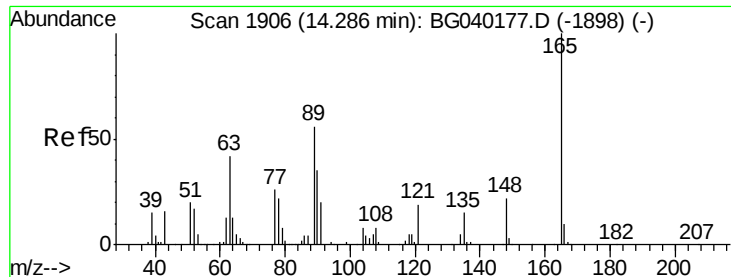
Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC

14.42

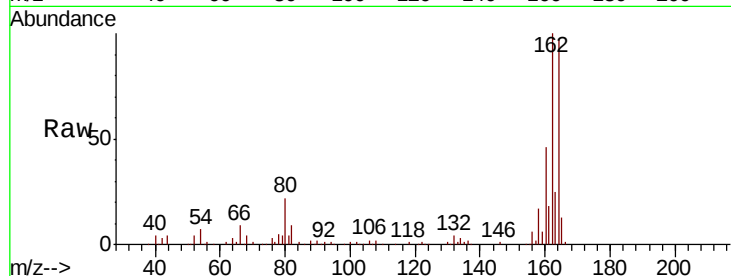




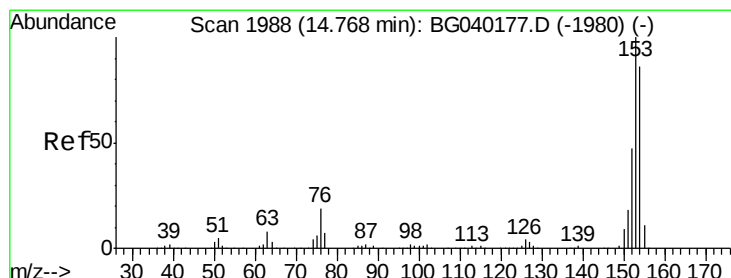
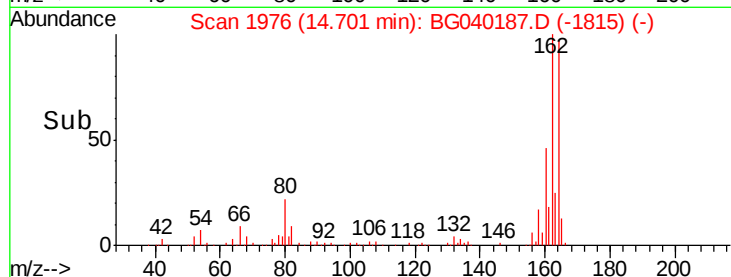
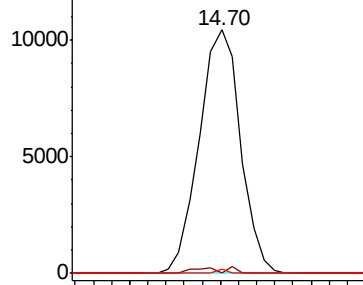
#51
 2,6-Dinitrotoluene
 Concen: 7.306 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.41 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Instrument :
 BNA_G
 ClientSampled :
 PB118232BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	1.8	44.9	67.3#

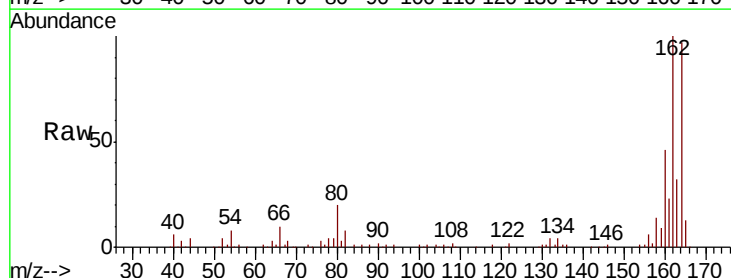


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

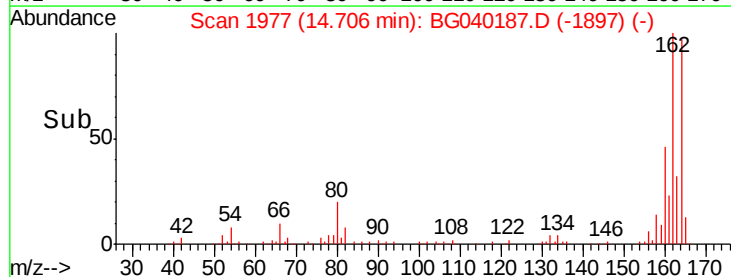
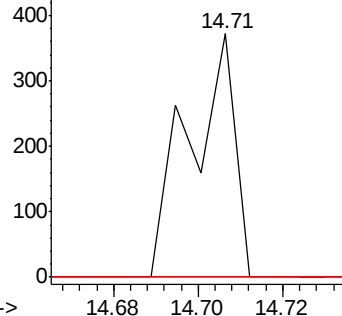


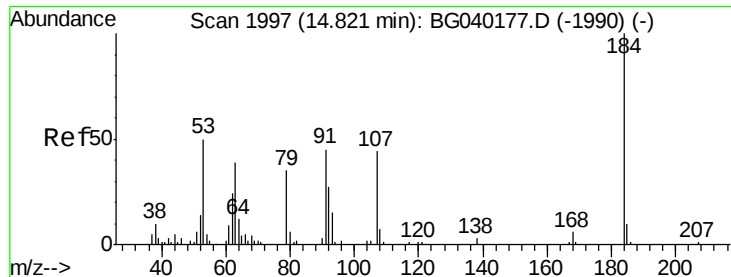
#52
 Acenaphthene
 Concen: 0.037 ng
 RT: 14.71 min Scan# 1977
 Delta R.T. -0.06 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Tgt 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

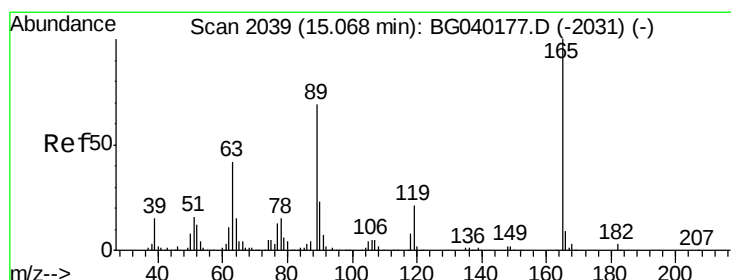
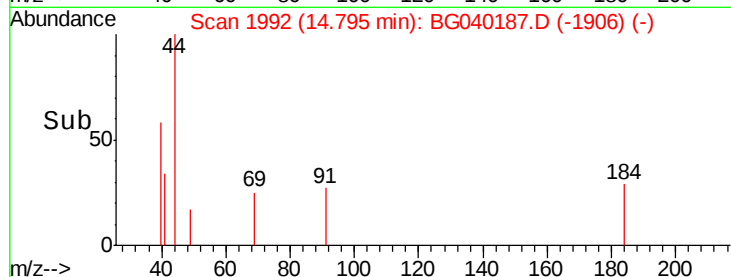
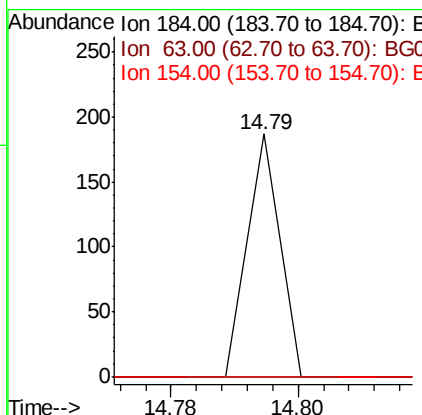
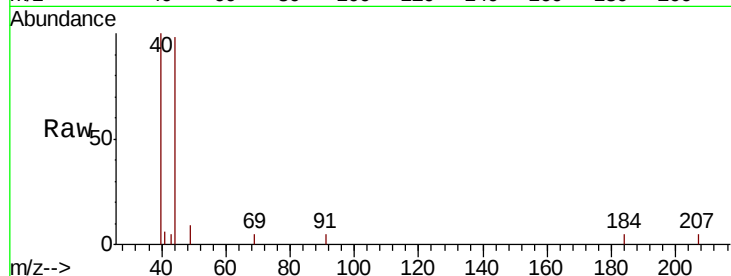




#54
2,4-Dinitrophenol
Concen: 0.055 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

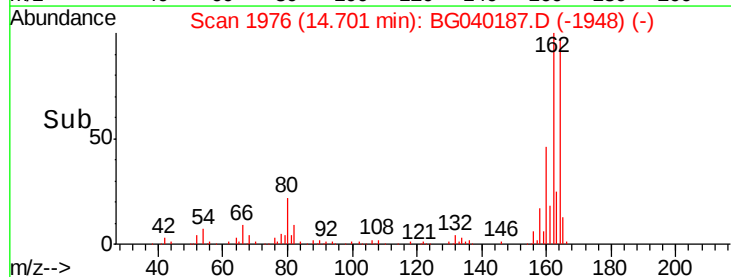
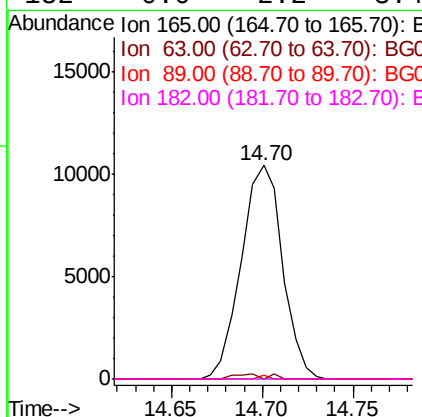
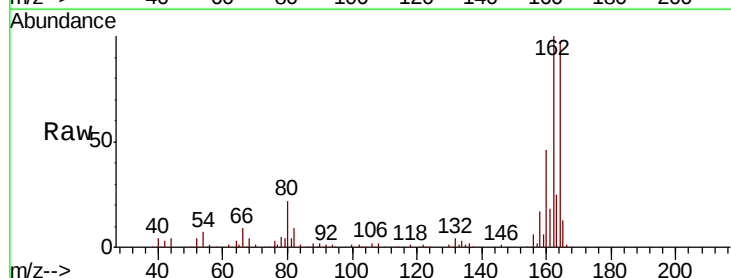
Instrument :
BNA_G
ClientSampleId :
PB118232BL

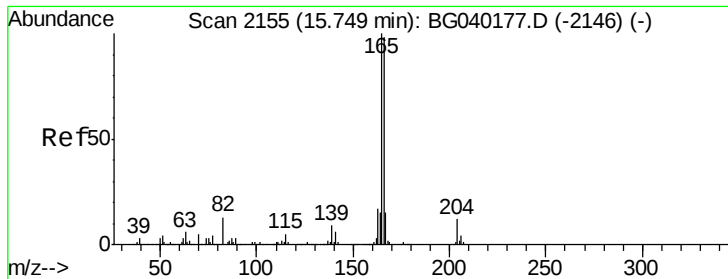
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.8#
154 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.258 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion:165 Resp: 16483
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.6#
89 1.8 55.4 83.2#
182 0.0 2.2 3.4#





#58

Fluorene

Concen: 0.758 ng

RT: 16.19 min Scan# 2229

Delta R.T. 0.44 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

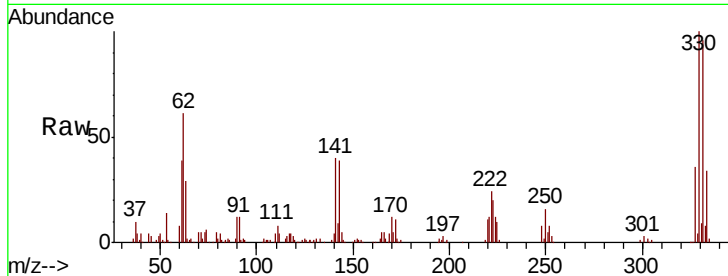
Tgt Ion: 166 Resp: 7236

Ion Ratio Lower Upper

166 100

165 104.7 81.7 122.5

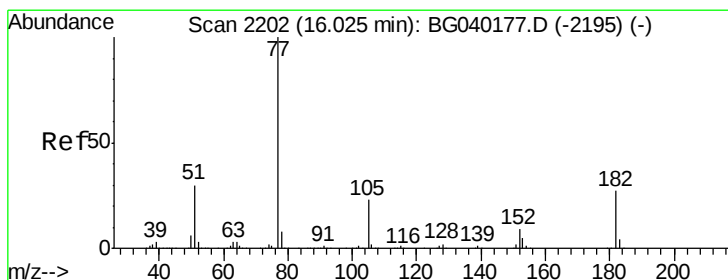
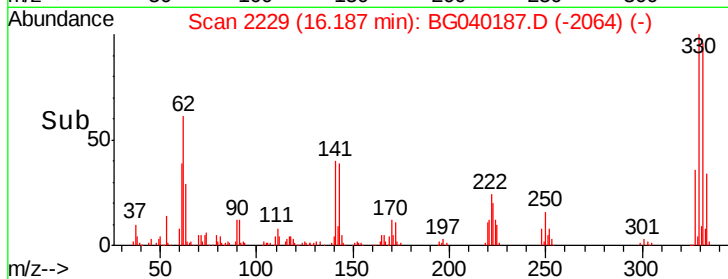
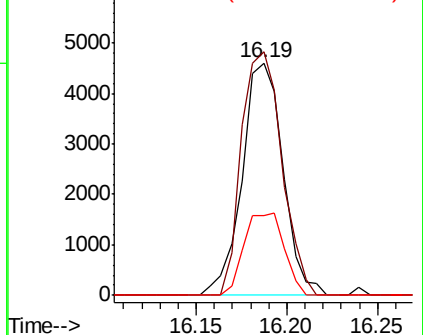
167 34.2 11.9 17.9#



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



#63

Azobenzene

Concen: 0.008 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.03 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Tgt Ion: 77 Resp: 73

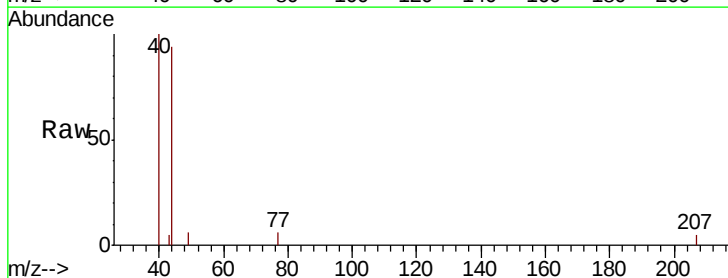
Ion Ratio Lower Upper

77 100

182 0.0 7.2 47.2#

105 0.0 2.8 42.8#

51 0.0 10.4 50.4#

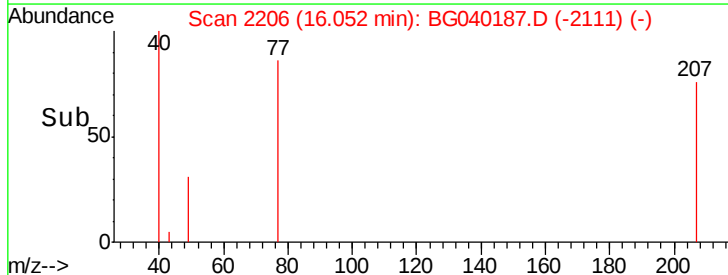
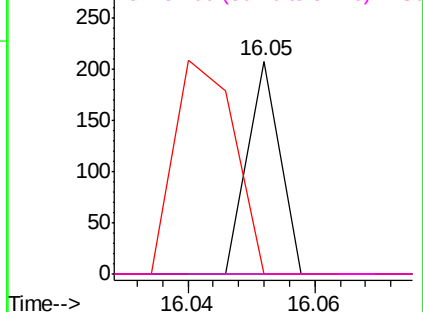


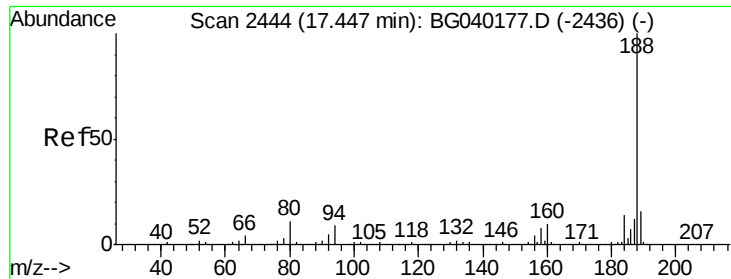
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampled :

PB118232BL

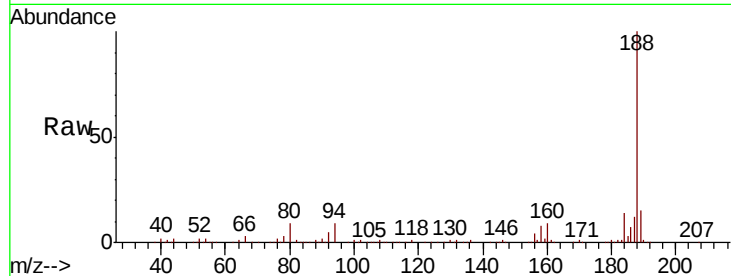
Tgt Ion:188 Resp: 321696

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

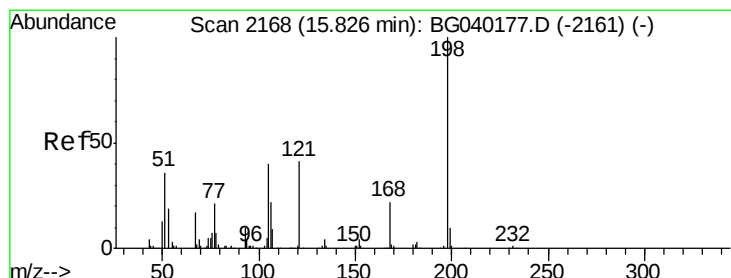
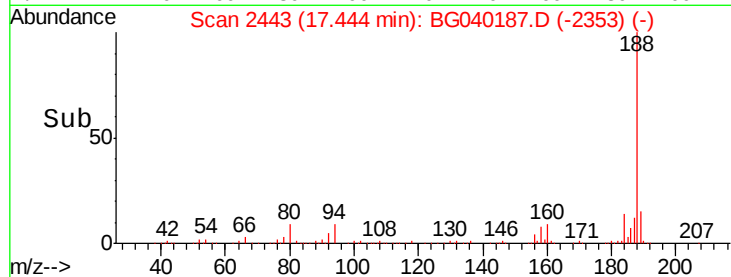
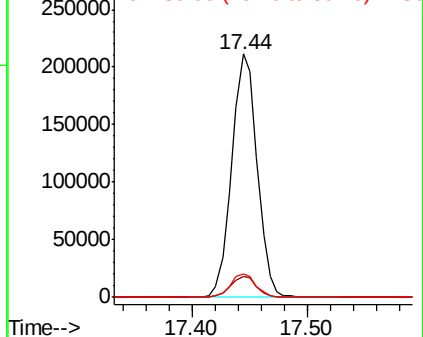
80 9.4 8.6 13.0



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



#65

4,6-Dinitro-2-methylphenol

Concen: 0.229 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.37 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

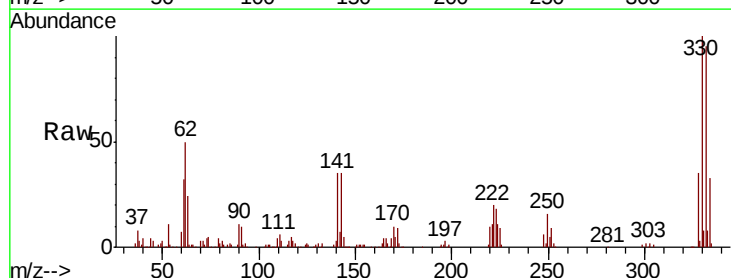
Tgt Ion:198 Resp: 414

Ion Ratio Lower Upper

198 100

51 23.5 27.3 67.3#

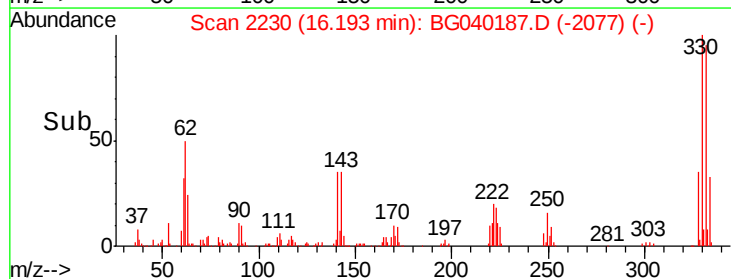
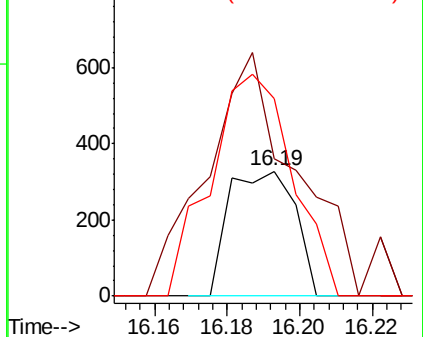
105 33.8 21.7 61.7

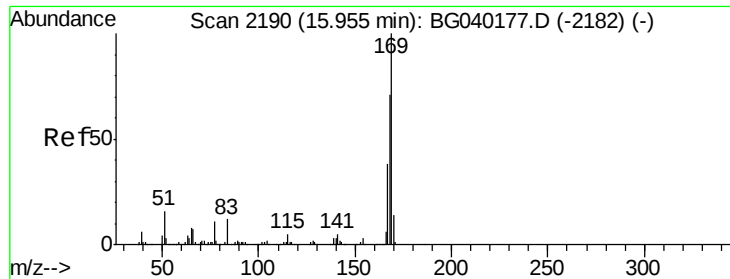


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

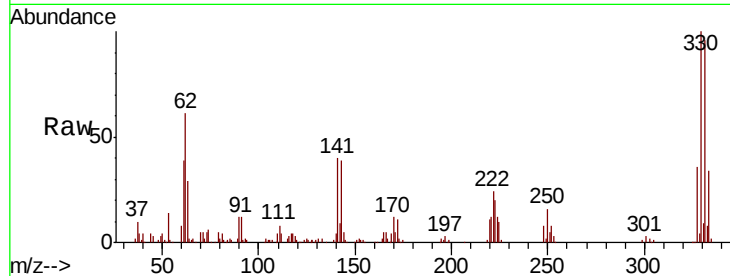




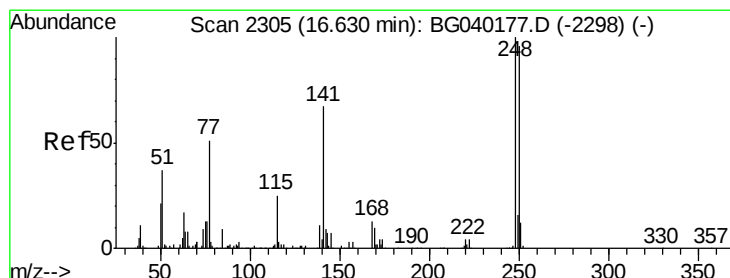
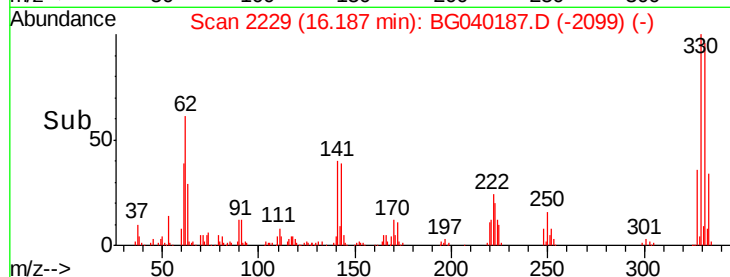
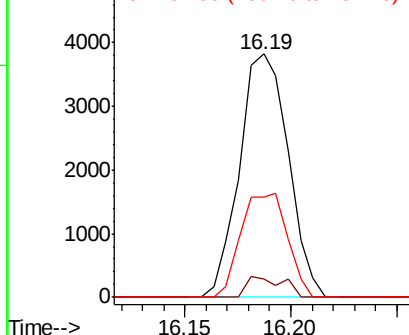
#66
 n-Nitrosodiphenylamine
 Concen: 0.649 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. 0.23 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BL

Tgt Ion:169 Resp: 6111
 Ion Ratio Lower Upper
 169 100
 168 7.7 56.8 85.2#
 167 41.2 30.2 45.4

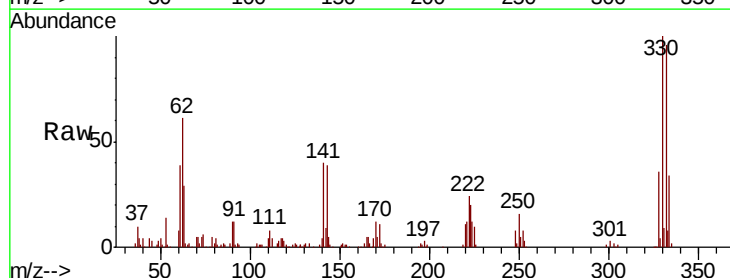


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

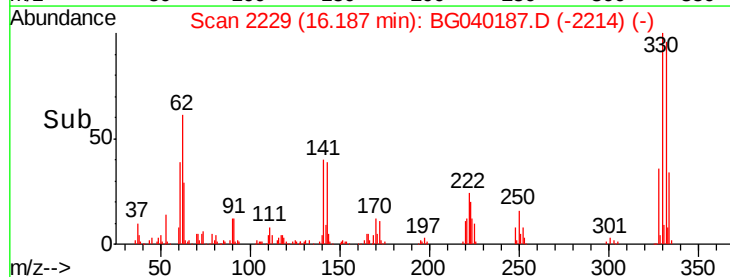
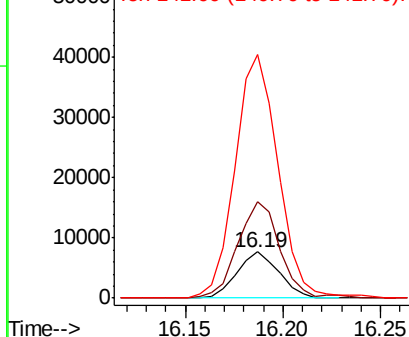


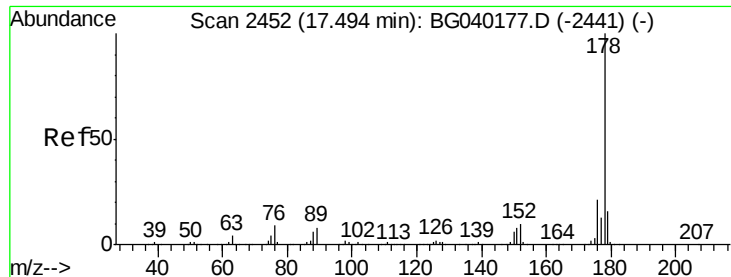
#67
 4-Bromophenyl-phenylether
 Concen: 3.111 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG040187.D
 Acq: 28 Mar 2019 1:06

Tgt Ion:248 Resp: 11264
 Ion Ratio Lower Upper
 248 100
 250 210.6 76.4 114.6#
 141 530.6 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: 0.004 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

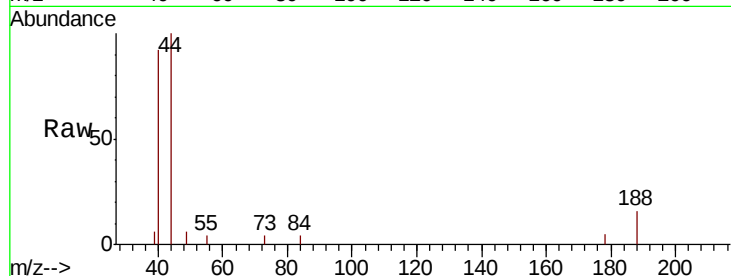
Tgt Ion:178 Resp: 76

Ion Ratio Lower Upper

178 100

176 0.0 16.7 25.1#

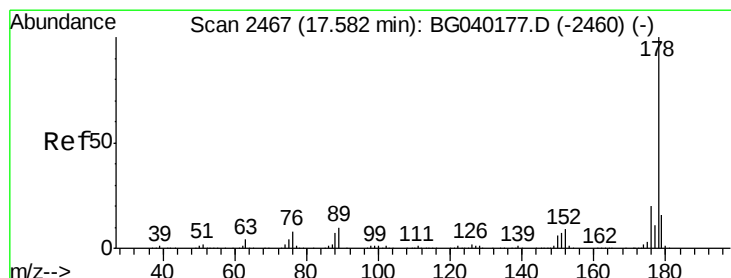
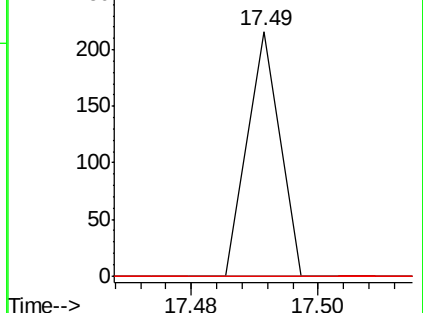
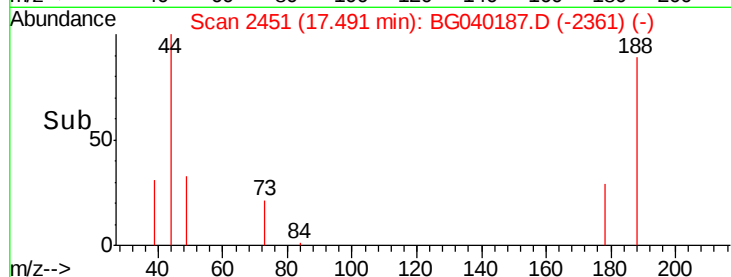
179 0.0 12.8 19.2#



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: 0.004 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

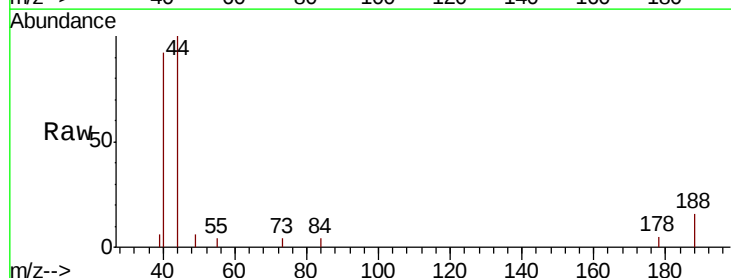
Tgt Ion:178 Resp: 76

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

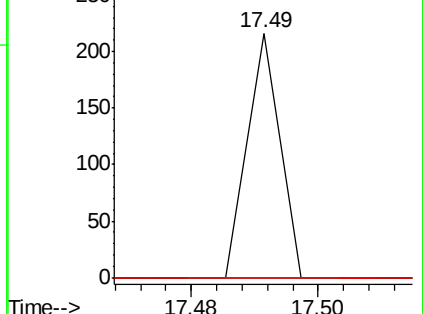
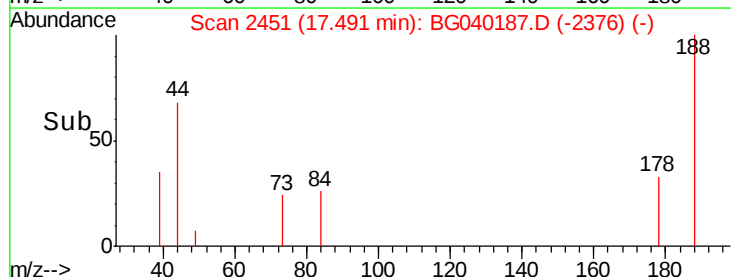
179 0.0 12.9 19.3#

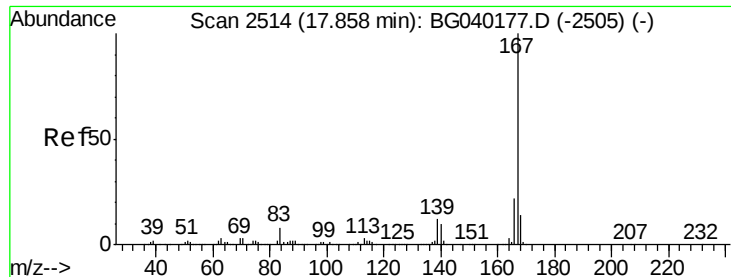


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 0.003 ng

RT: 17.88 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

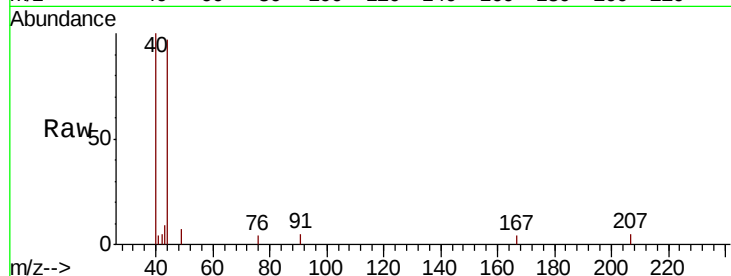
Tgt Ion:167 Resp: 55

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

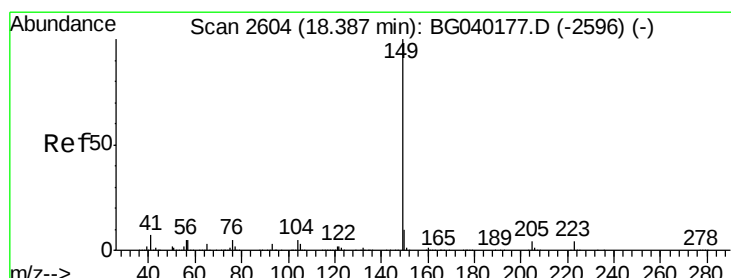
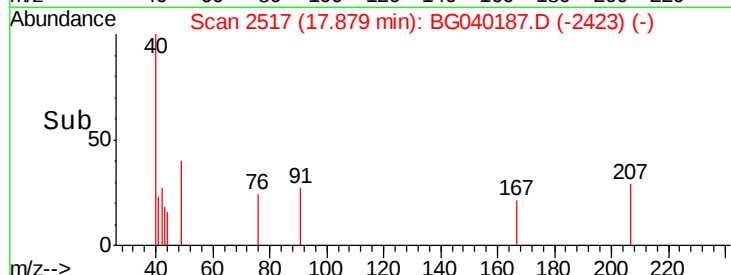
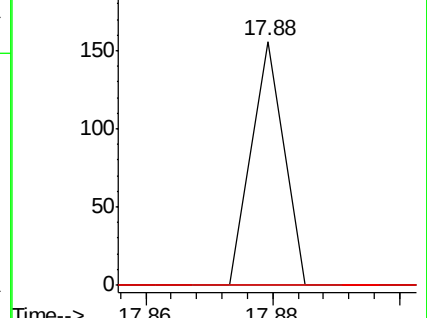
139 0.0 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.003 ng

RT: 18.39 min Scan# 2604

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

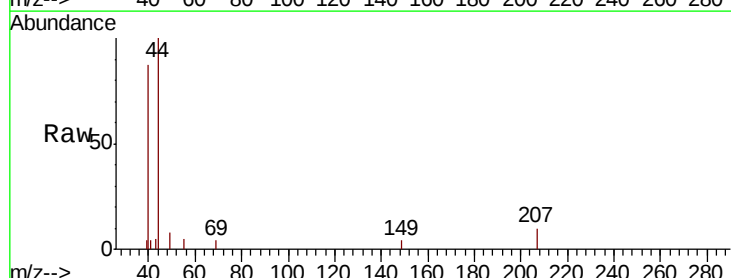
Tgt Ion:149 Resp: 64

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

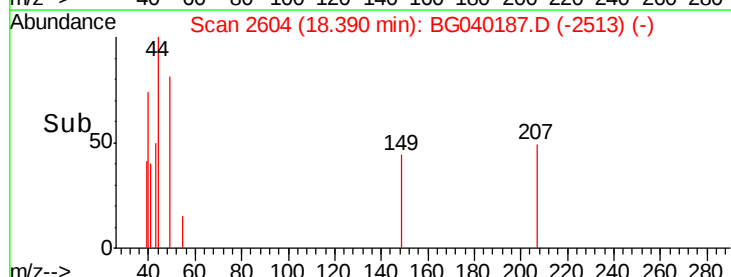
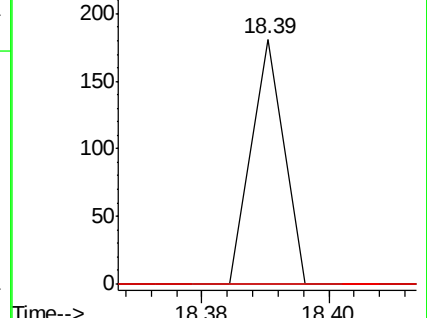
104 0.0 4.1 6.1#

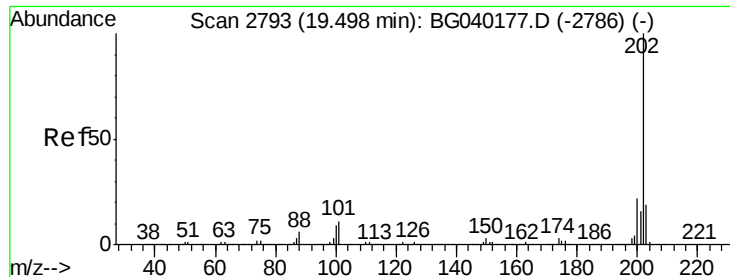


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.016 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

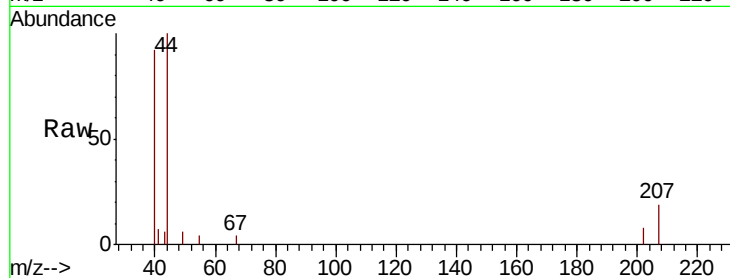
Instrument :

BNA_G

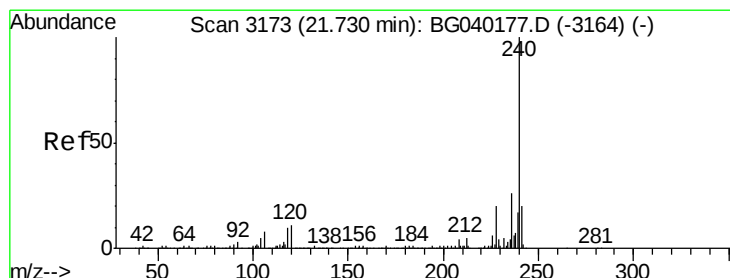
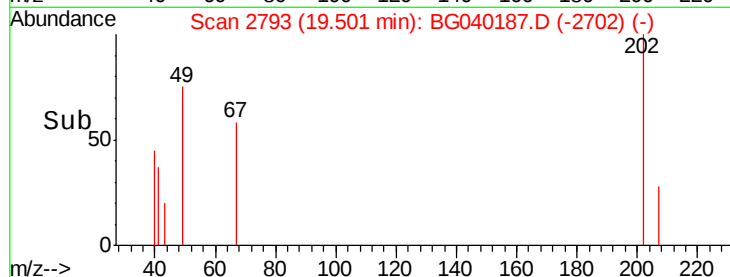
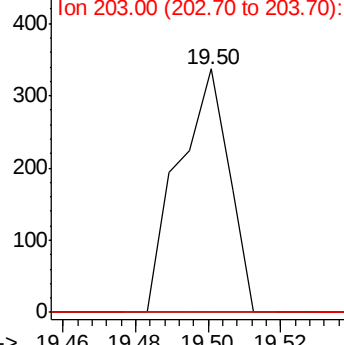
ClientSampleId :

PB118232BL

Tgt Ion:	202	Resp:	325
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



#76

Chrysene-d12

Concen: 20.000 ng

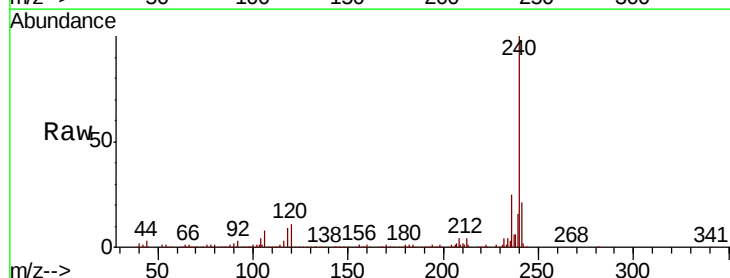
RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

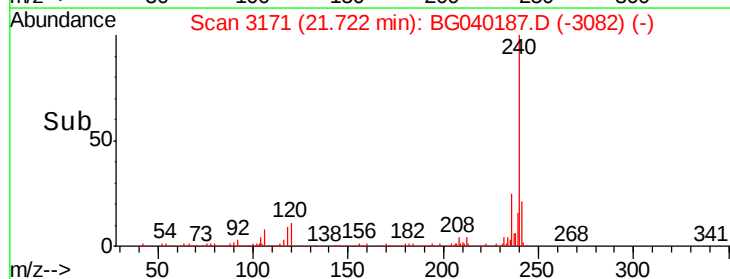
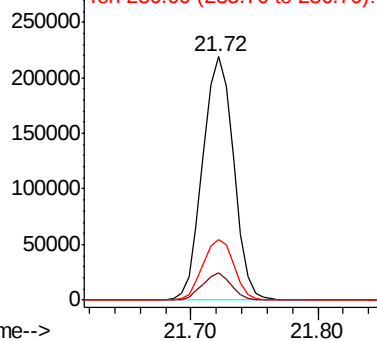
Lab File: BG040187.D

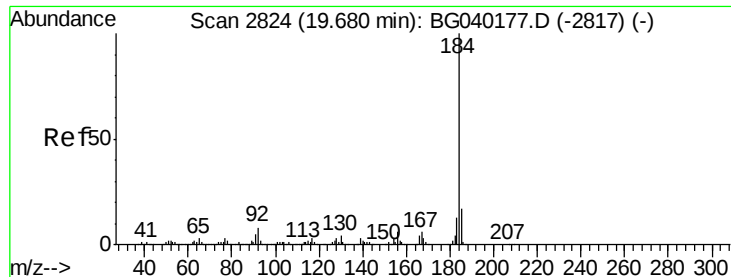
Acq: 28 Mar 2019 1:06

Tgt Ion:	240	Resp:	369588
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	25.1	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





#77

Benzidine

Concen: 1.298 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.37 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

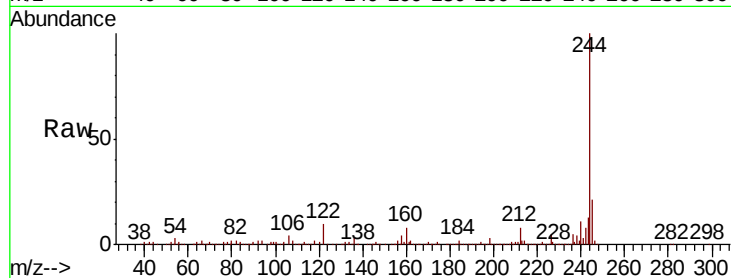
Tgt Ion:184 Resp: 17325

Ion Ratio Lower Upper

184 100

185 17.3 13.3 19.9

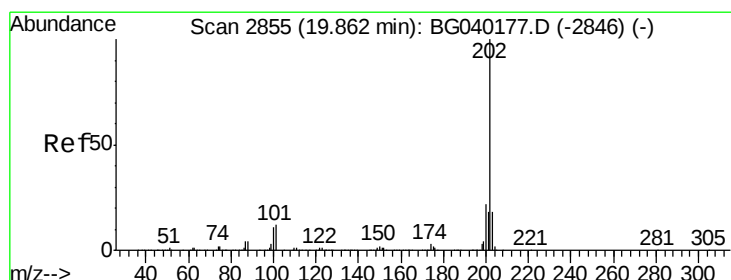
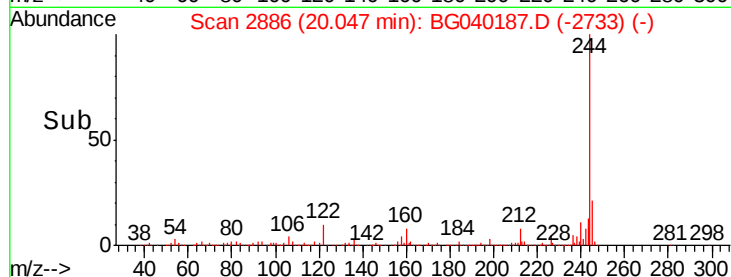
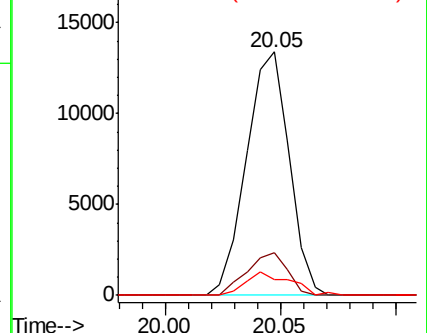
183 6.5 10.3 15.5#



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



#78

Pyrene

Concen: 0.019 ng

RT: 19.87 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

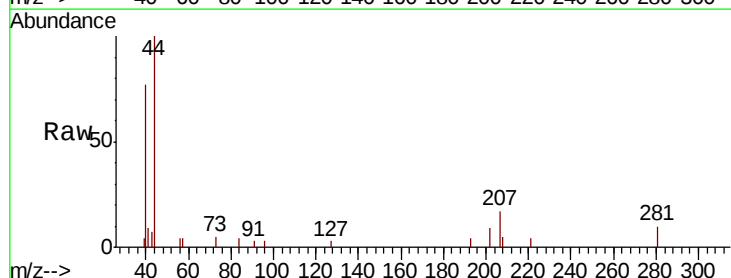
Tgt Ion:202 Resp: 466

Ion Ratio Lower Upper

202 100

200 0.0 17.3 25.9#

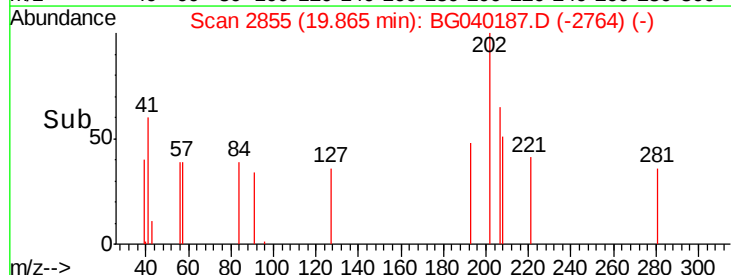
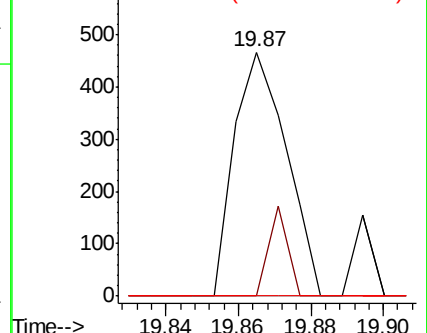
203 0.0 14.6 22.0#

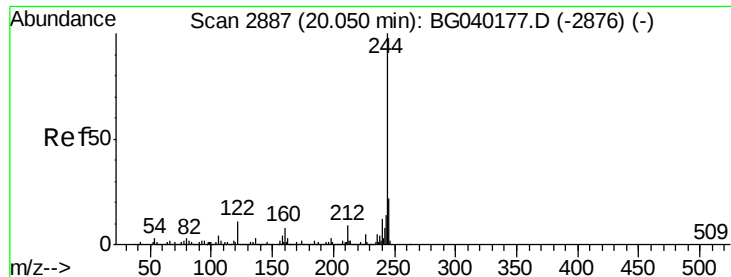


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.099 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

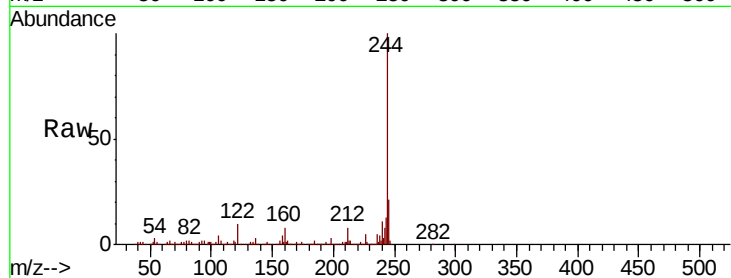
Tgt Ion:244 Resp: 1135206

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

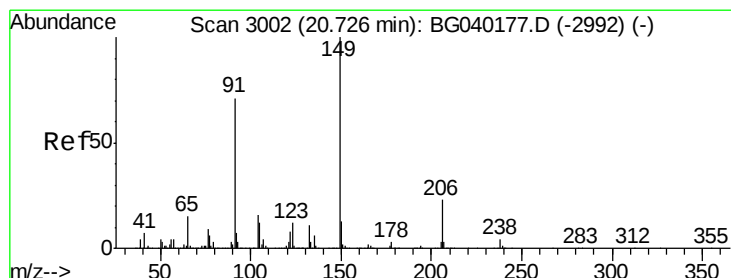
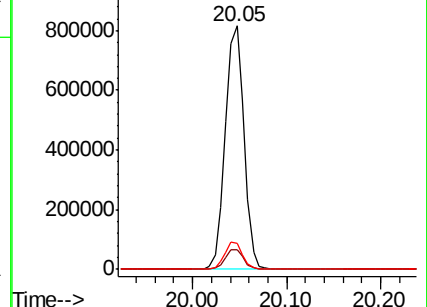
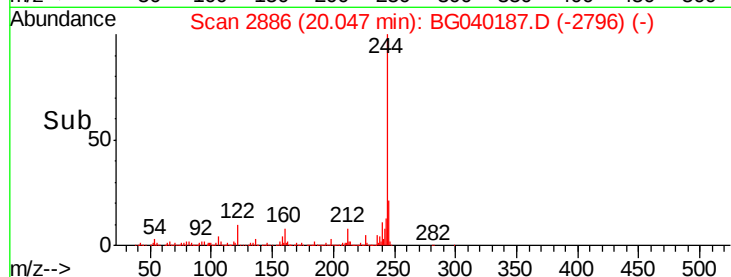
122 10.5 8.5 12.7



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: 0.063 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

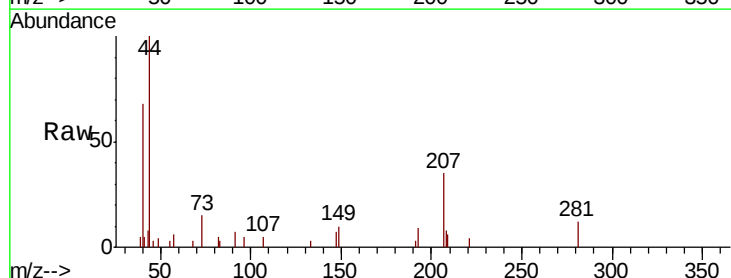
Tgt Ion:149 Resp: 657

Ion Ratio Lower Upper

149 100

91 73.8 57.0 85.4

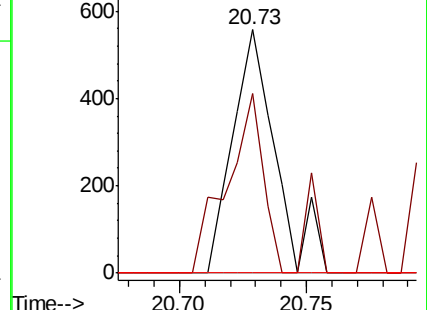
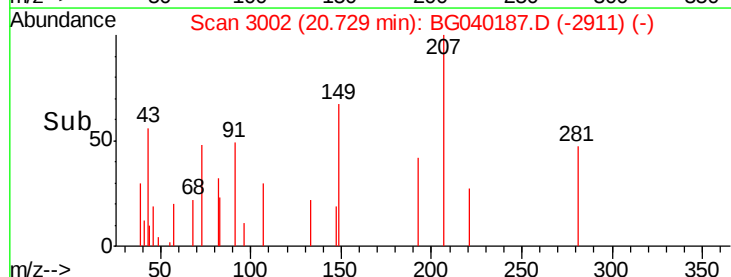
206 0.0 18.2 27.4#

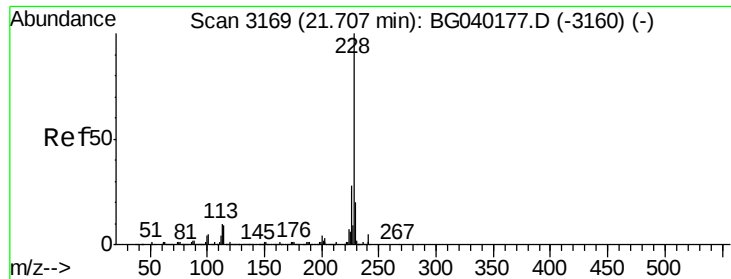


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.142 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

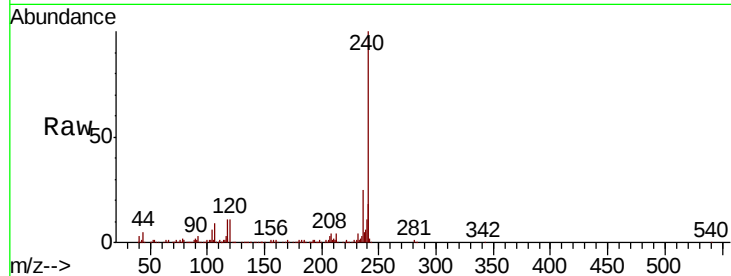
Tgt Ion:228 Resp: 3242

Ion Ratio Lower Upper

228 100

226 13.2 22.6 34.0#

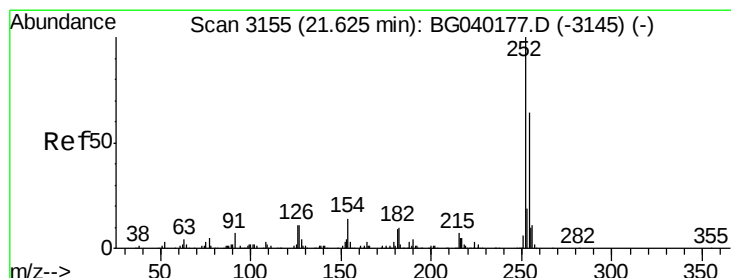
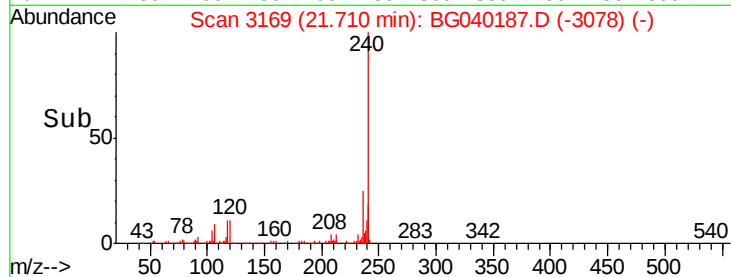
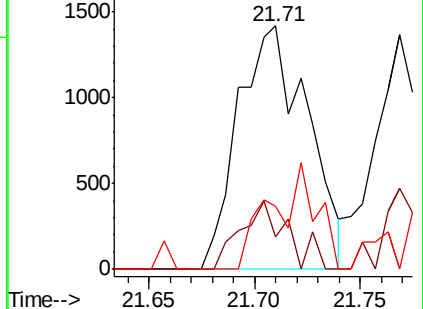
229 25.8 16.1 24.1#



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: 0.007 ng

RT: 21.26 min Scan# 3092

Delta R.T. -0.37 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

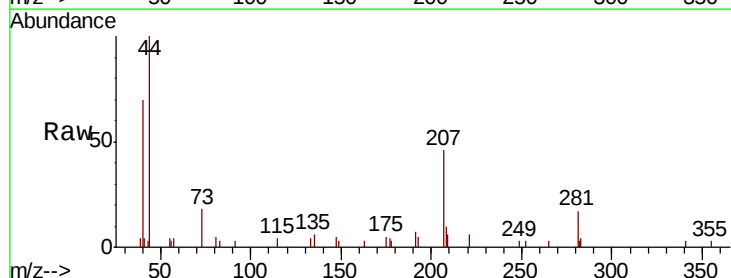
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

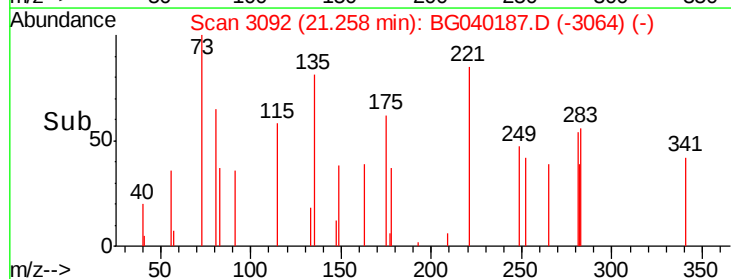
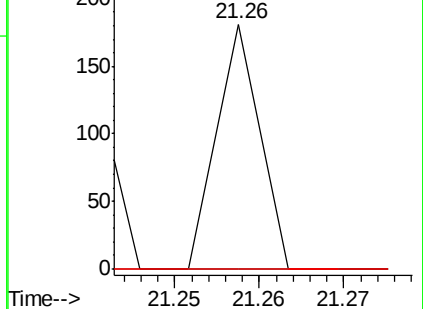
126 0.0 8.5 12.7#

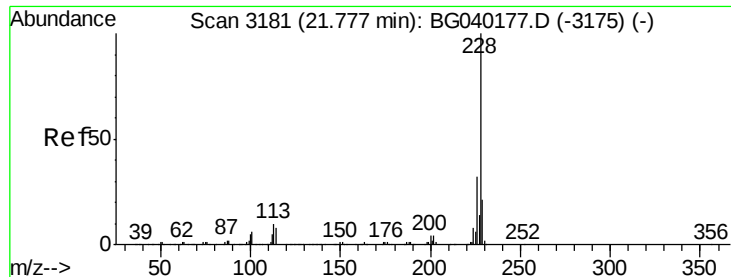


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.114 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

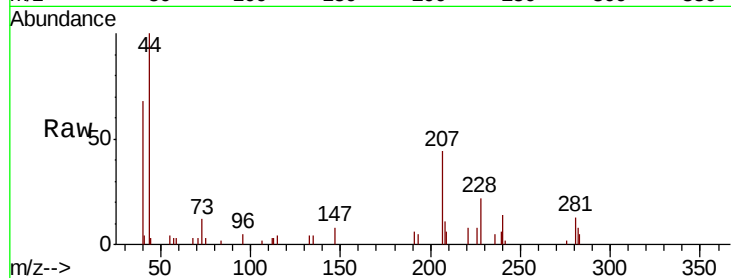
Tgt Ion:228 Resp: 2484

Ion Ratio Lower Upper

228 100

226 34.6 25.4 38.0

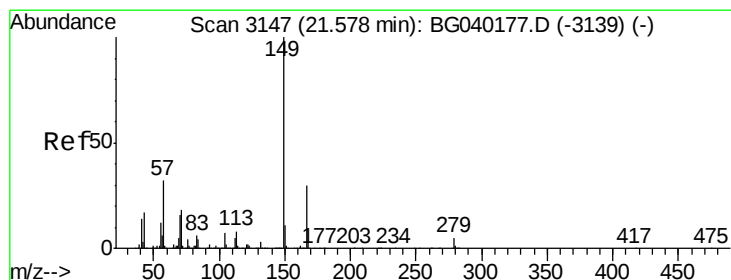
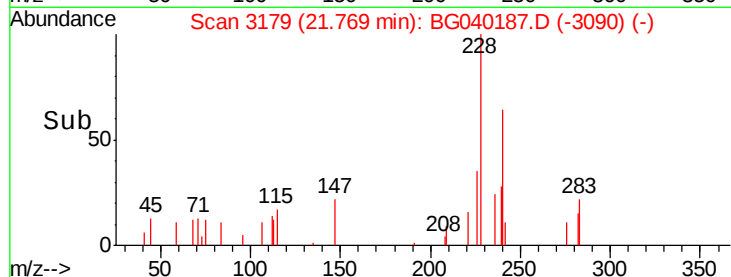
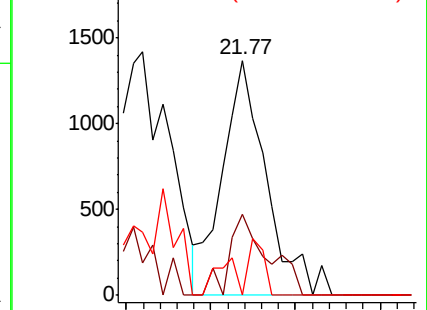
229 0.0 17.0 25.4#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

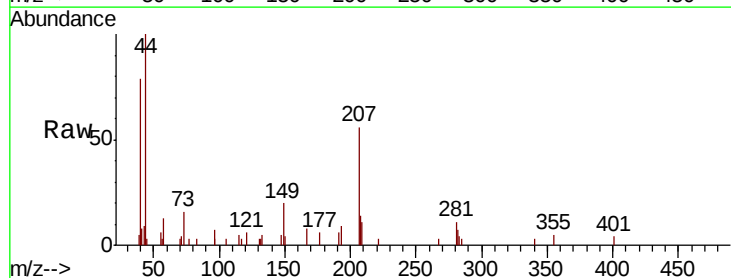
Tgt Ion:149 Resp: 1559

Ion Ratio Lower Upper

149 100

167 38.4 24.1 36.1#

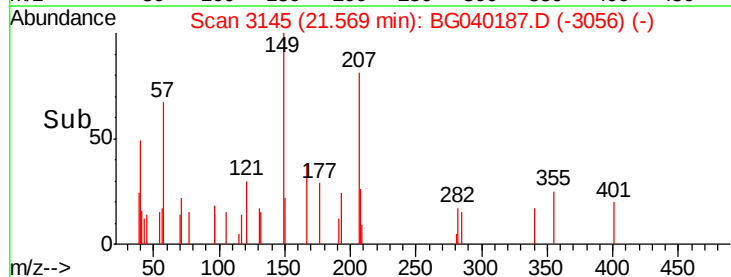
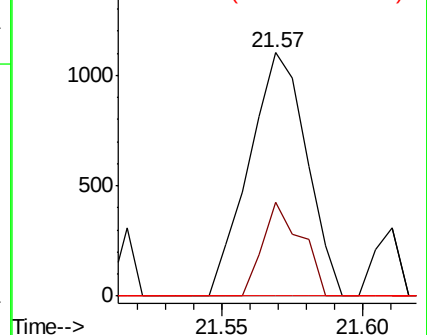
279 0.0 4.1 6.1#

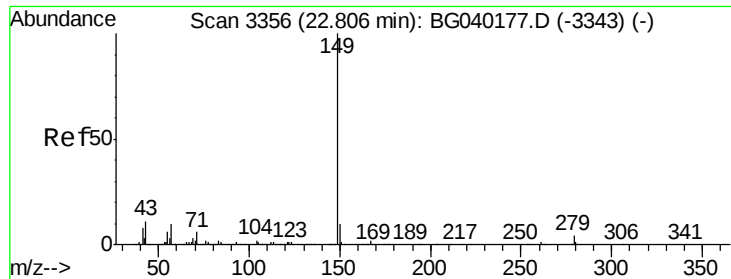


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

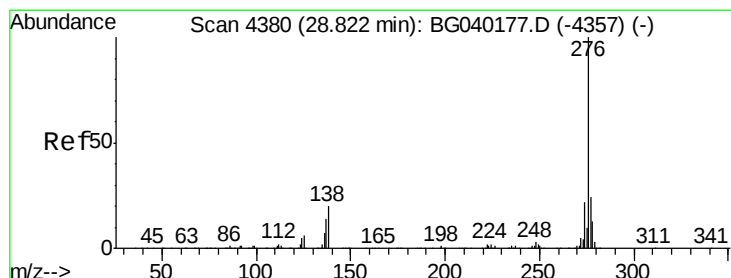
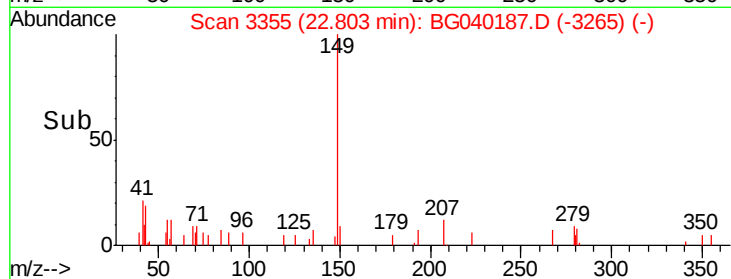
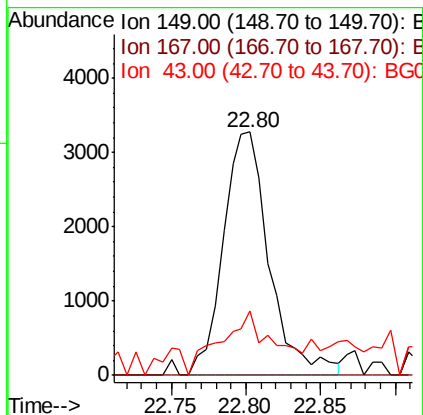
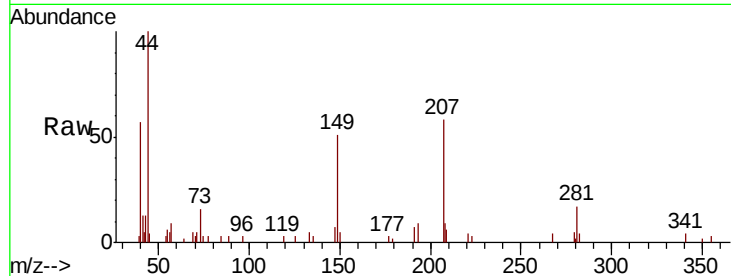




#85
Di-n-octyl phthalate
Concen: 0.278 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

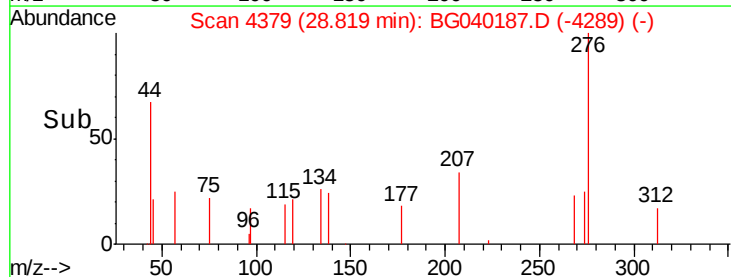
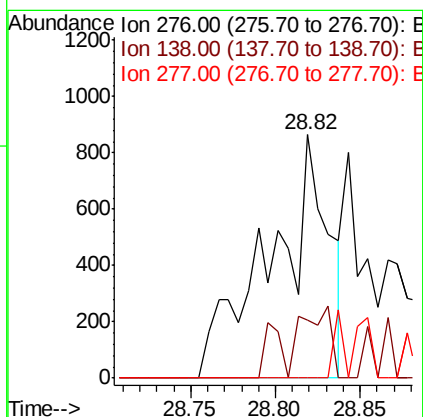
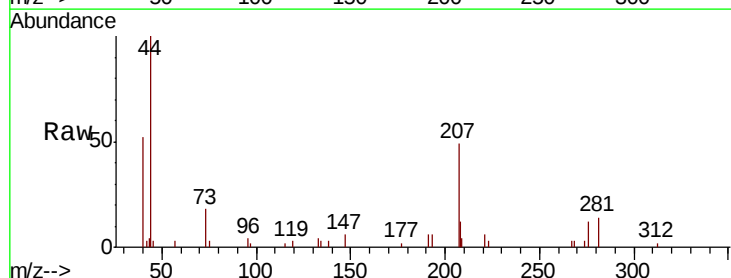
Instrument :
BNA_G
ClientSampleId :
PB118232BL

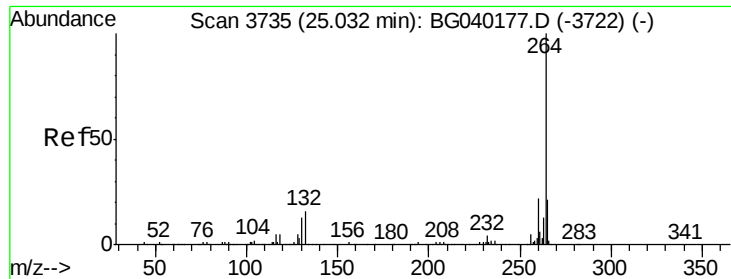
Tgt Ion:149 Resp: 7031
Ion Ratio Lower Upper
149 100
167 0.0 1.4 2.0#
43 30.9 8.7 13.1#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion:276 Resp: 2064
Ion Ratio Lower Upper
276 100
138 14.8 18.8 28.2#
277 4.1 21.0 31.4#

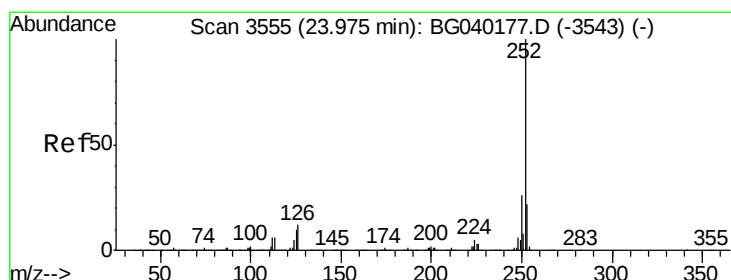
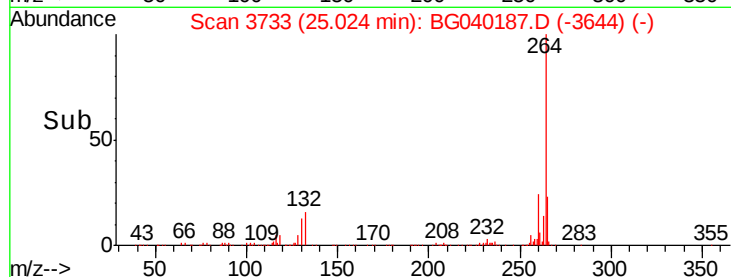
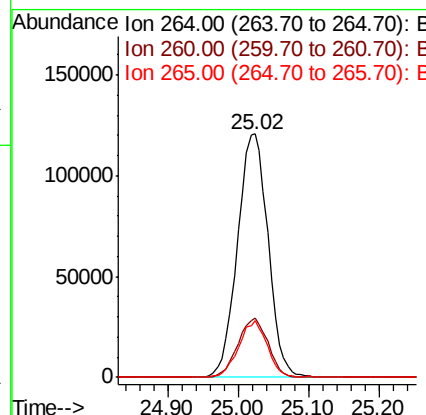
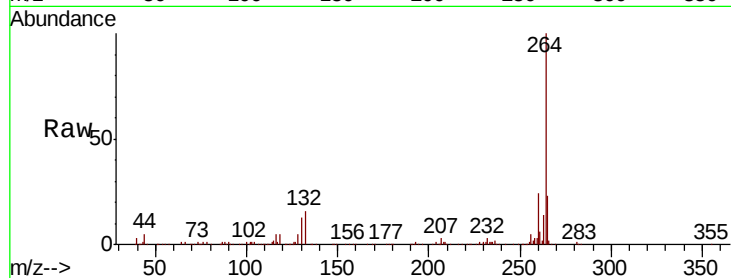




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

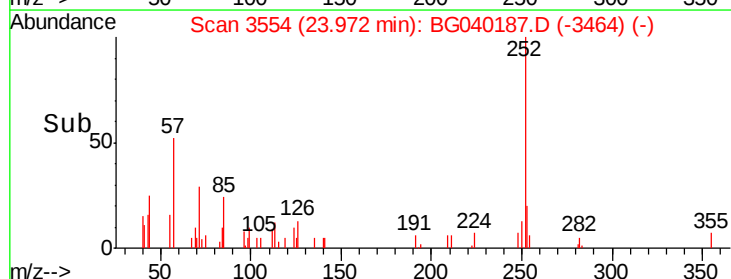
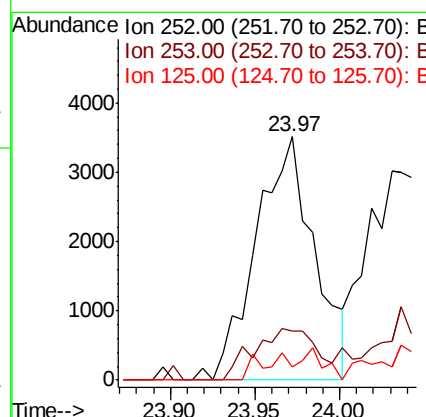
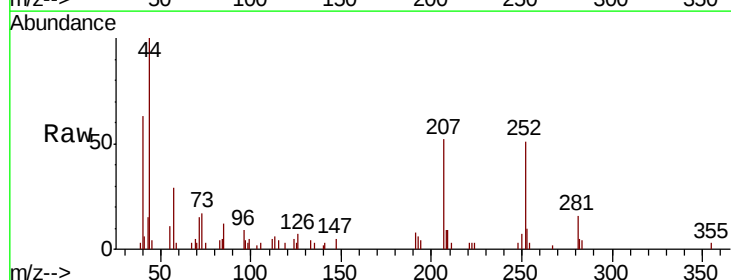
Instrument :
BNA_G
ClientSampleId :
PB118232BL

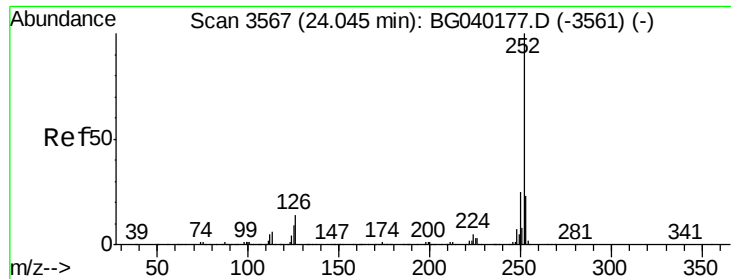
Tgt Ion:264 Resp: 363510
Ion Ratio Lower Upper
264 100
260 24.2 17.9 26.9
265 23.2 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG040187.D
Acq: 28 Mar 2019 1:06

Tgt Ion:252 Resp: 8424
Ion Ratio Lower Upper
252 100
253 20.3 17.6 26.4
125 5.4 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 0.438 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

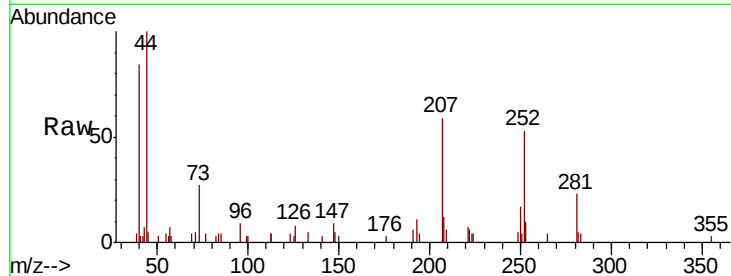
Tgt Ion:252 Resp: 8959

Ion Ratio Lower Upper

252 100

253 18.4 18.6 28.0#

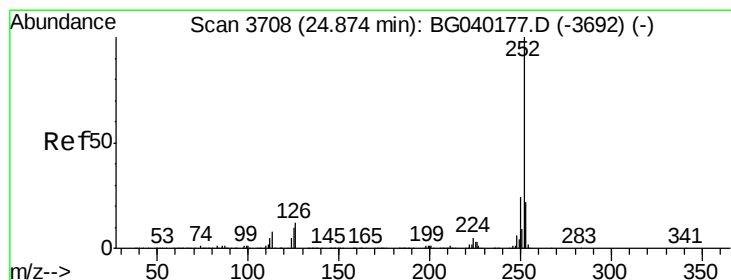
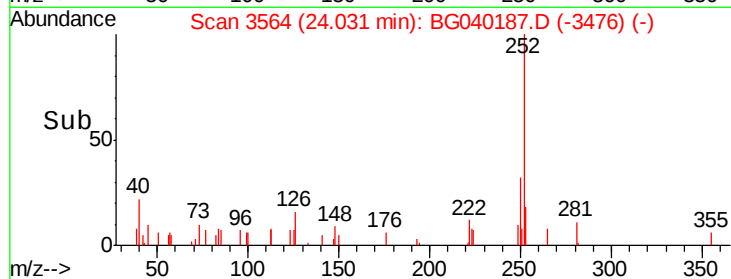
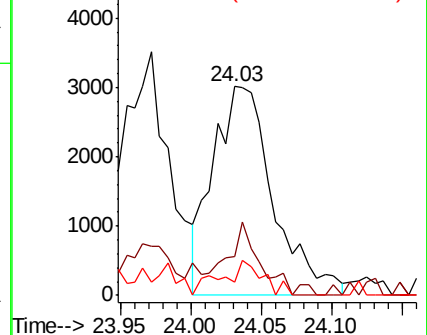
125 6.5 7.3 10.9#



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: 0.401 ng

RT: 24.87 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

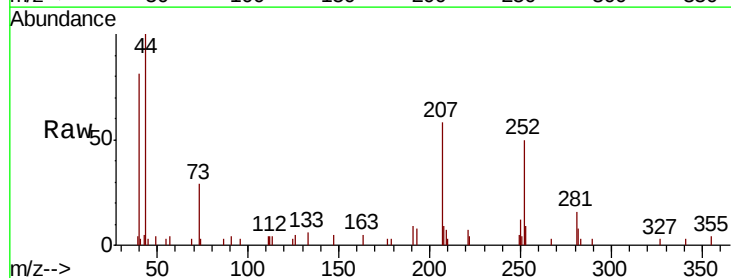
Tgt Ion:252 Resp: 8366

Ion Ratio Lower Upper

252 100

253 18.2 17.8 26.8

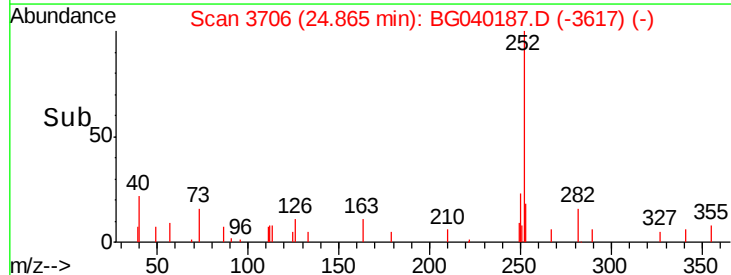
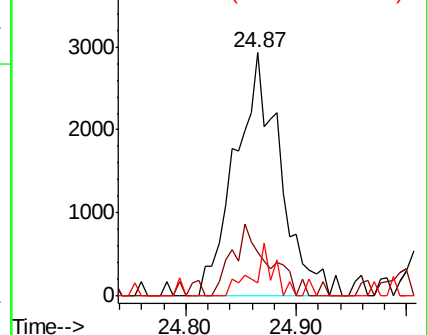
125 5.3 8.3 12.5#

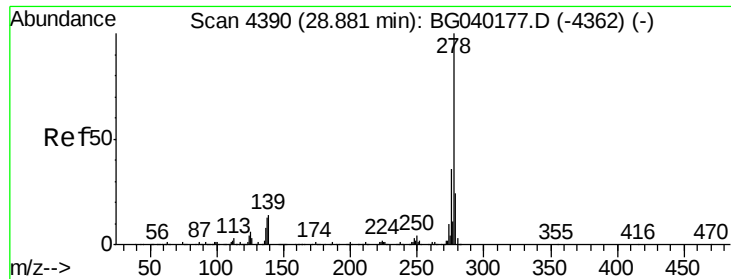


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 0.034 ng

RT: 28.87 min Scan# 4388

Delta R.T. -0.01 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

Instrument :

BNA_G

ClientSampleId :

PB118232BL

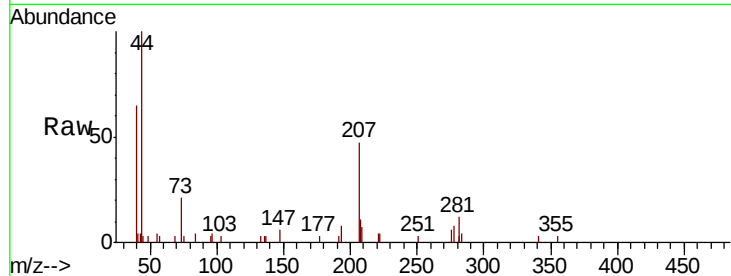
Tgt Ion: 278 Resp: 656

Ion Ratio Lower Upper

278 100

139 0.0 11.2 16.8#

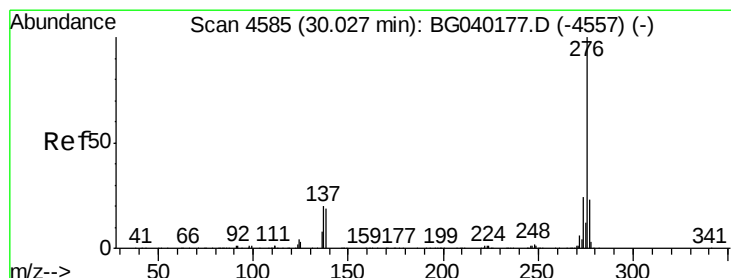
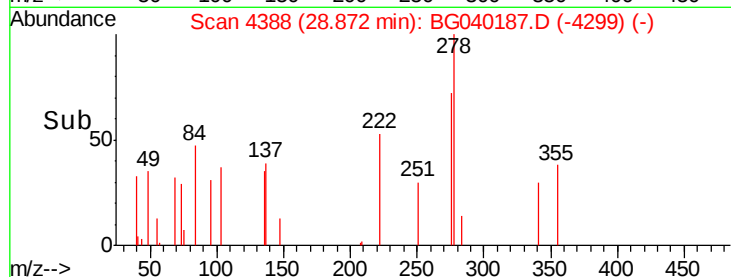
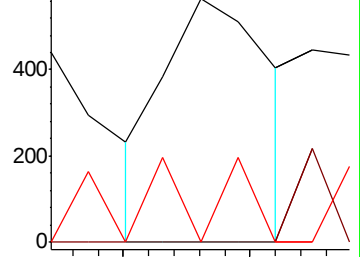
279 0.0 18.9 28.3#



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: 0.038 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.04 min

Lab File: BG040187.D

Acq: 28 Mar 2019 1:06

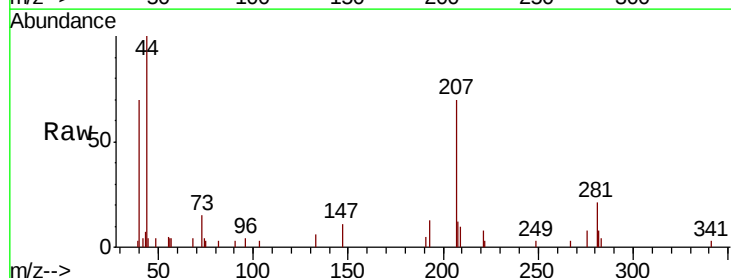
Tgt Ion: 276 Resp: 758

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

