

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038421.D
 Acq On : 8 Dec 2018 2:41
 Operator : JU/SJ
 Sample : PB115307BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

Quant Time: Dec 08 04:10:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	22265	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	98865	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70045	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	174668	20.00	ng	0.00
76) Chrysene-d12	21.74	240	167455	20.00	ng	0.00
87) Perylene-d12	25.04	264	173738	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	133714	106.28	ng	0.00
7) Phenol-d6	7.22	99	186462	102.54	ng	0.00
23) Nitrobenzene-d5	9.25	82	176156	88.46	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	91115	105.96	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	432745	88.03	ng	0.00
79) Terphenyl-d14	20.05	244	748029	95.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	18507	32.095	ng	# 86
3) Pyridine	3.90	79	62944	36.487	ng	94
4) n-Nitrosodimethylamine	3.82	42	36894	48.823	ng	# 77
6) Aniline	7.39	93	69410	29.885	ng	99
8) 2-Chlorophenol	7.63	128	74338	50.874	ng	99
9) Benzaldehyde	7.21	77	32407	28.143	ng	96
10) Phenol	7.25	94	97394	50.691	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	65076	41.356	ng	99
12) 1,3-Dichlorobenzene	7.95	146	71030	41.591	ng	94
13) 1,4-Dichlorobenzene	8.11	146	72400	40.973	ng	98
14) 1,2-Dichlorobenzene	8.42	146	69595	43.475	ng	96
15) Benzyl Alcohol	8.31	79	58704	39.266	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	148665	41.536	ng	99
17) 2-Methylphenol	8.50	107	67334	51.783	ng	91
18) Hexachloroethane	9.15	117	26703	41.871	ng	91
19) n-Nitroso-di-n-propylamine	8.87	70	57116	43.140	ng	94
20) 3+4-Methylphenols	8.83	107	91483	47.263	ng	94
22) Acetophenone	8.90	105	108126	45.678	ng	# 96
24) Nitrobenzene	9.29	77	88067	43.530	ng	95
25) Isophorone	9.80	82	167250	47.792	ng	97
26) 2-Nitrophenol	10.00	139	42793	45.650	ng	93
27) 2,4-Dimethylphenol	10.04	122	78475	58.283	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	95263	47.485	ng	97
29) 2,4-Dichlorophenol	10.53	162	83396	54.260	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	78952	43.759	ng	98
31) Naphthalene	10.94	128	229807	48.662	ng	99
32) Benzoic acid	10.18	122	33810	36.623	ng	99
33) 4-Chloroaniline	11.07	127	11771	5.630	ng	96
34) Hexachlorobutadiene	11.20	225	50357	44.613	ng	95
35) Caprolactam	11.84	113	21595	33.976	ng	# 76
36) 4-Chloro-3-methylphenol	12.16	107	91846	53.783	ng	94
37) 2-Methylnaphthalene	12.54	142	177694	52.835	ng	97
38) 1-Methylnaphthalene	12.76	142	168528	52.320	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	99214	41.164	ng	99

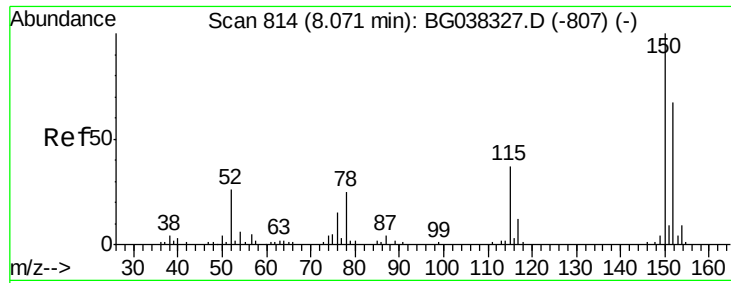
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038421.D
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Quant Time: Dec 08 04:10:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	136782	103.269	ng	97
43) 2,4,6-Trichlorophenol	13.14	196	72534	46.457	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	79591	48.119	ng	95
46) 1,1'-Biphenyl	13.54	154	235680	39.805	ng	99
47) 2-Chloronaphthalene	13.59	162	188171	42.117	ng	99
48) 2-Nitroaniline	13.80	65	66971	44.679	ng	98
49) Acenaphthylene	14.43	152	315348	46.865	ng	98
50) Dimethylphthalate	14.16	163	263824	46.959	ng	99
51) 2,6-Dinitrotoluene	14.29	165	59660	46.487	ng	94
52) Acenaphthene	14.77	154	180568	44.018	ng	98
53) 3-Nitroaniline	14.62	138	30777	22.267	ng	# 97
54) 2,4-Dinitrophenol	14.83	184	75389	107.161	ng	87
55) Dibenzofuran	15.10	168	307804	45.388	ng	98
56) 4-Nitrophenol	14.92	139	91350	83.666	ng	85
57) 2,4-Dinitrotoluene	15.07	165	85875	48.515	ng	97
58) Fluorene	15.75	166	247015	49.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	72786	50.667	ng	98
60) Diethylphthalate	15.51	149	277567	44.594	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	134035	44.663	ng	98
62) 4-Nitroaniline	15.79	138	62999	46.342	ng	86
63) Azobenzene	16.03	77	240724	44.191	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	53854	47.057	ng	96
66) n-Nitrosodiphenylamine	15.95	169	229338	46.692	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	89404	47.398	ng	97
68) Hexachlorobenzene	16.75	284	91380	46.968	ng	95
69) Atrazine	16.89	200	91873	50.128	ng	99
70) Pentachlorophenol	17.09	266	110752	83.110	ng	98
71) Phenanthrene	17.49	178	431820	49.366	ng	98
72) Anthracene	17.59	178	441698	52.143	ng	100
73) Carbazole	17.86	167	393496	46.804	ng	99
74) Di-n-butylphthalate	18.39	149	478232	48.690	ng	98
75) Fluoranthene	19.50	202	529913	51.851	ng	97
77) Benzidine	19.69	184	221727	39.239	ng	100
78) Pyrene	19.86	202	528741	45.128	ng	97
80) Butylbenzylphthalate	20.73	149	211898	44.966	ng	99
81) Benzo(a)anthracene	21.71	228	498144	48.401	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	123447	30.833	ng	99
83) Chrysene	21.78	228	460622	47.295	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	297179	44.493	ng	99
85) Di-n-octyl phthalate	22.81	149	501642	43.801	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	546688	49.391	ng	# 66
88) Benzo(b)fluoranthene	23.98	252	483578	49.260	ng	# 98
89) Benzo(k)fluoranthene	24.05	252	479388	49.031	ng	# 97
90) Benzo(a)pyrene	24.89	252	475432	49.929	ng	# 96
91) Dibenzo(a,h)anthracene	28.89	278	451001	49.938	ng	99
92) Benzo(g,h,i)perylene	30.03	276	448967	50.106	ng	# 94

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

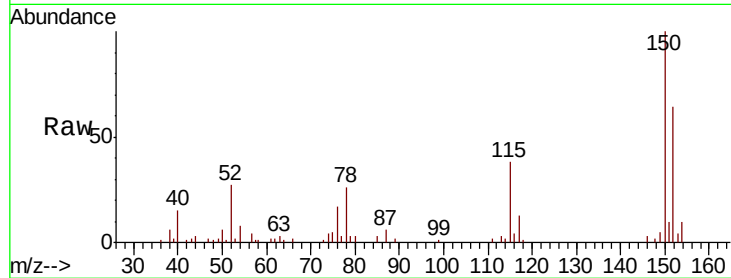


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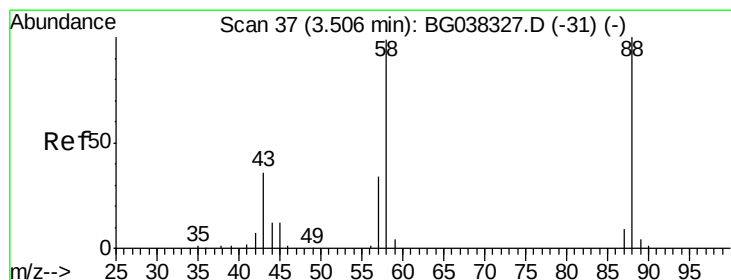
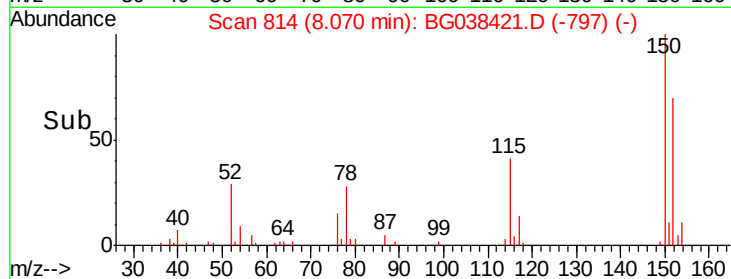
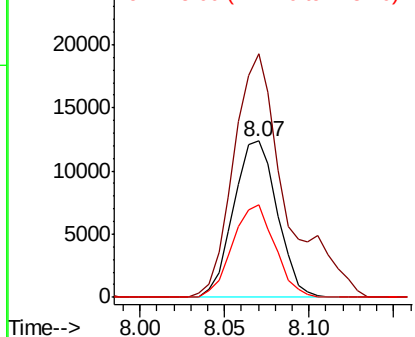
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Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion:152 Resp: 22265
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 59.4 45.5 68.3



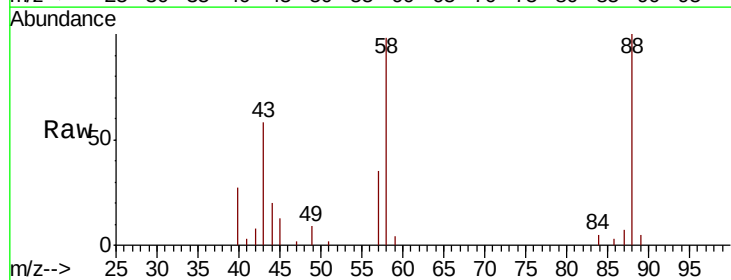
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



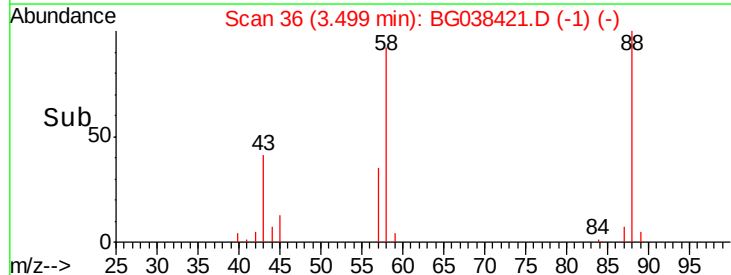
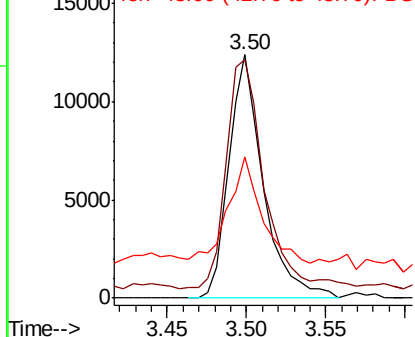
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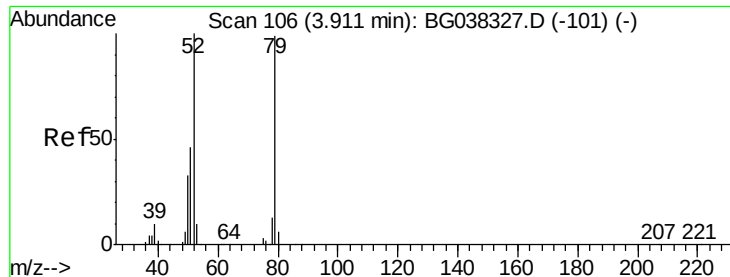
1,4-Dioxane
Concen: 32.095 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion: 88 Resp: 18507
Ion Ratio Lower Upper
88 100
58 104.2 74.4 111.6
43 43.1 25.8 38.8#



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: 36.487 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

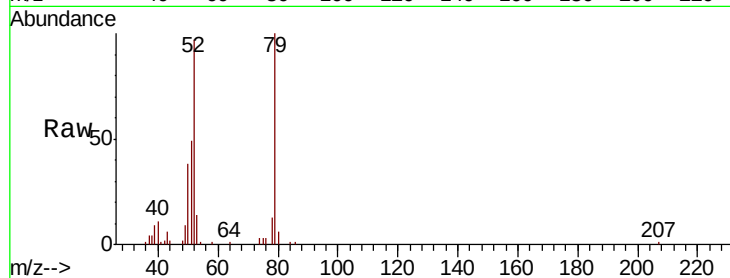
Tgt Ion: 79 Resp: 62944

Ion Ratio Lower Upper

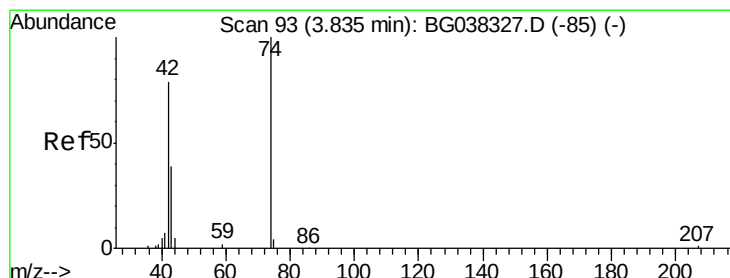
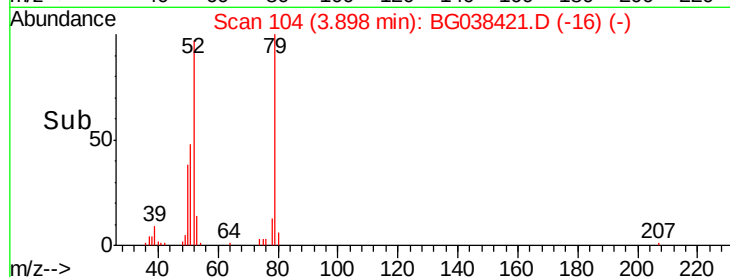
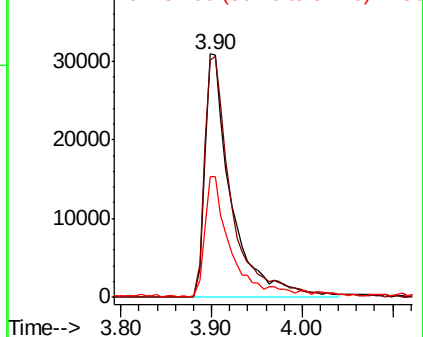
79 100

52 97.2 74.2 111.2

51 49.3 34.6 51.8



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: 48.823 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

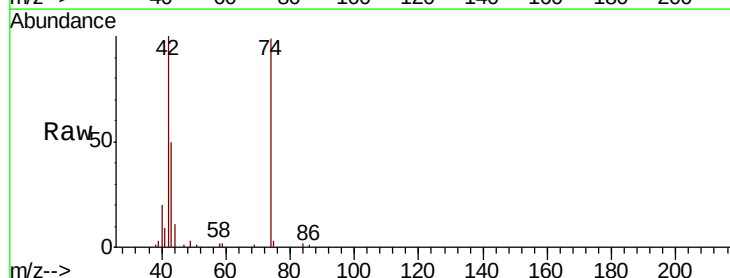
Tgt Ion: 42 Resp: 36894

Ion Ratio Lower Upper

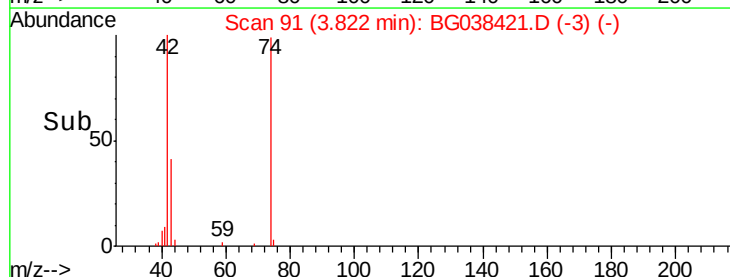
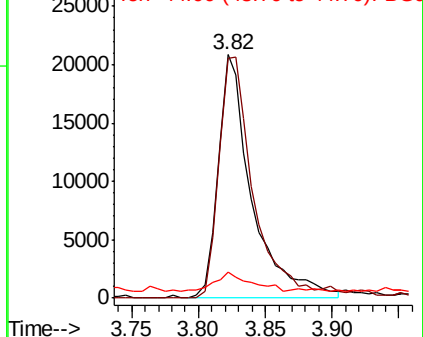
42 100

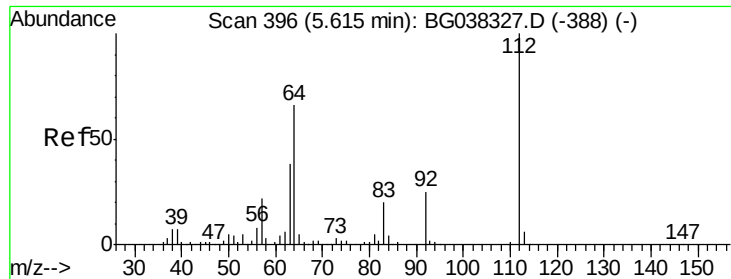
74 98.5 102.0 153.0#

44 10.7 9.6 14.4



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: 106.277 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

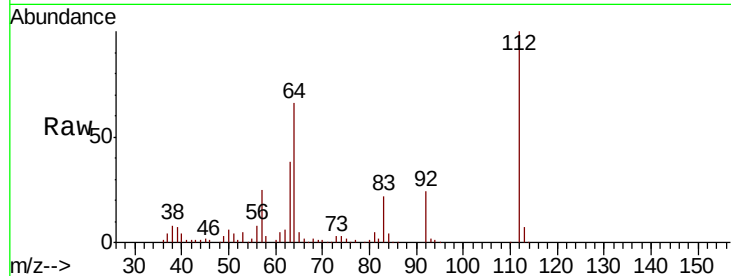
Tgt Ion: 112 Resp: 133714

Ion Ratio Lower Upper

112 100

64 65.7 53.1 79.7

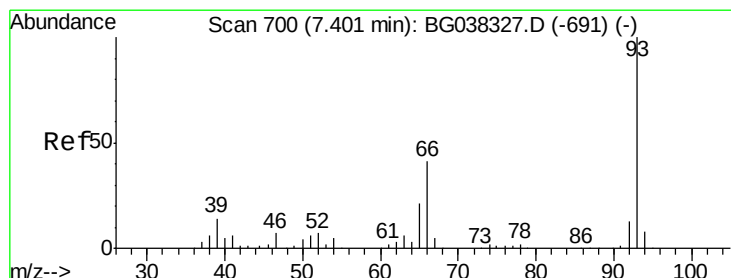
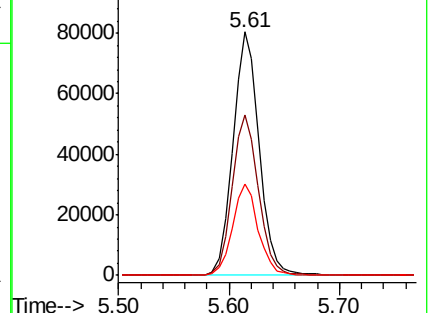
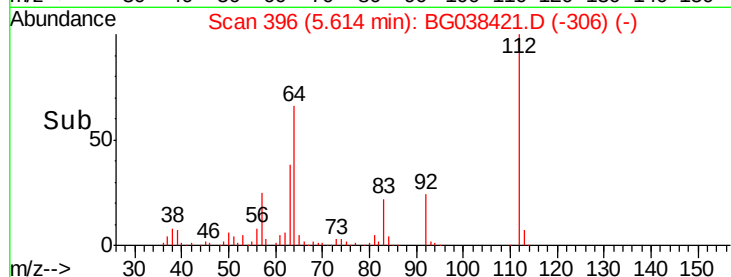
63 37.7 27.3 40.9



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: 29.885 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

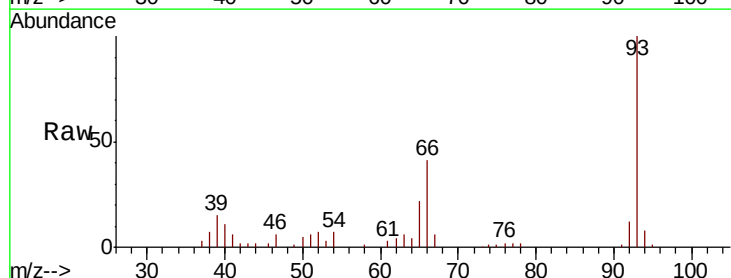
Tgt Ion: 93 Resp: 69410

Ion Ratio Lower Upper

93 100

66 41.0 32.8 49.2

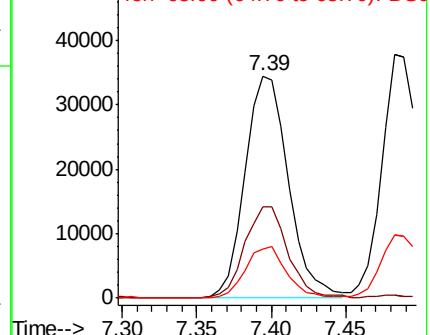
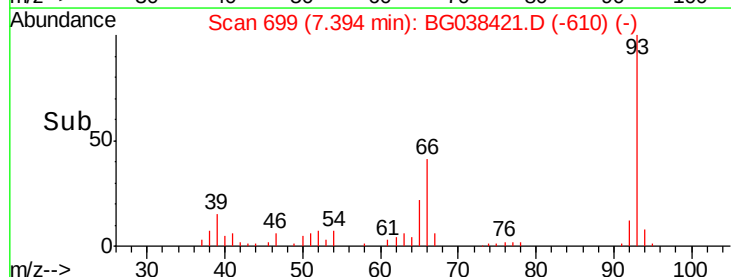
65 22.0 16.4 24.6

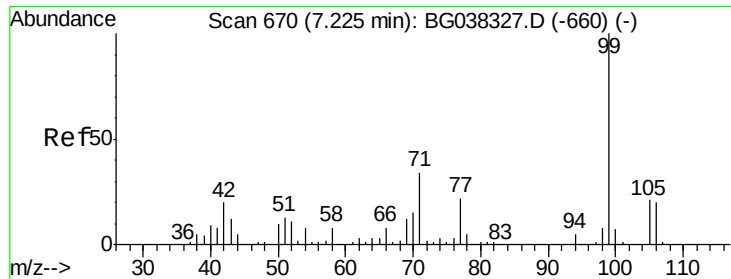


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.538 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

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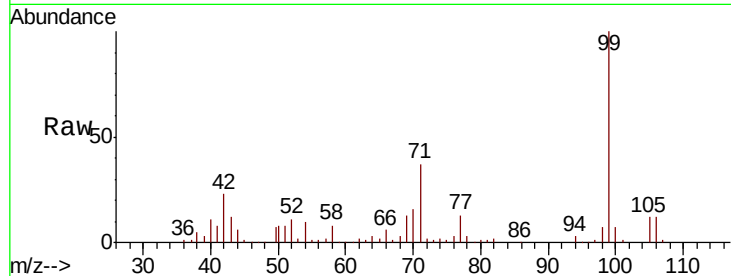
Tgt Ion: 99 Resp: 186462

Ion Ratio Lower Upper

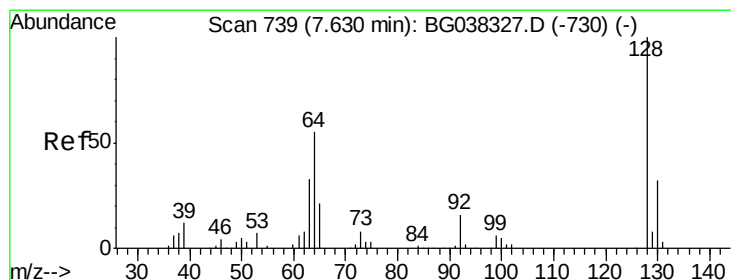
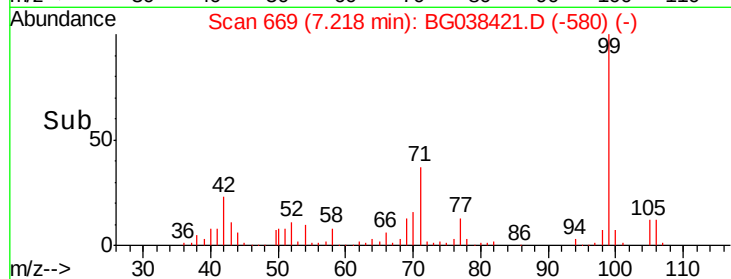
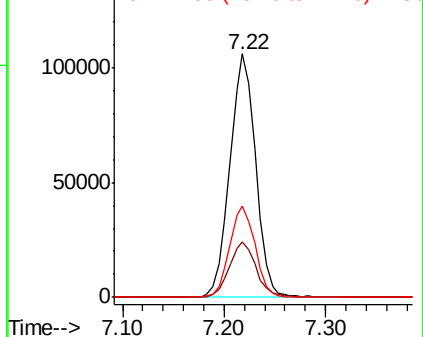
99 100

42 22.7 15.0 22.4#

71 37.5 25.5 38.3



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: 50.874 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

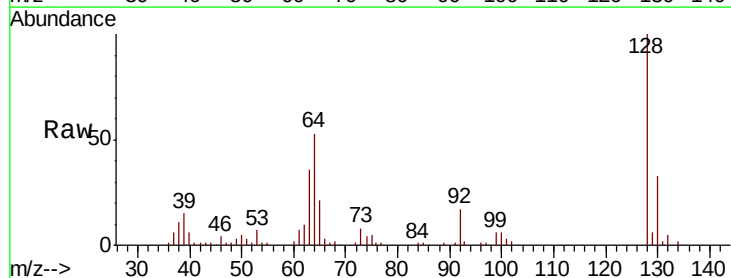
Tgt Ion: 128 Resp: 74338

Ion Ratio Lower Upper

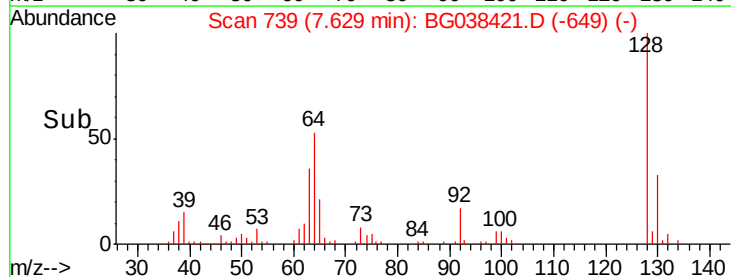
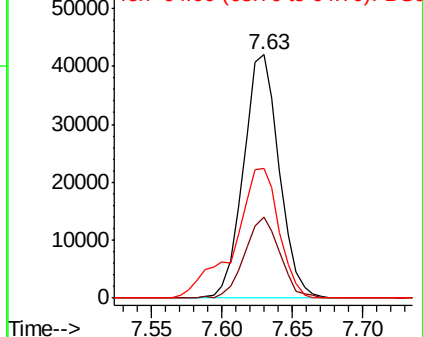
128 100

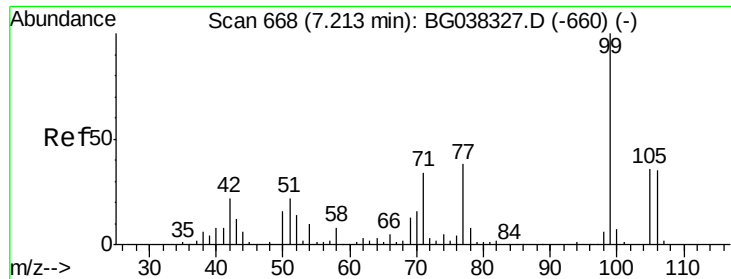
130 33.3 12.0 52.0

64 53.2 32.9 72.9



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: 28.143 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

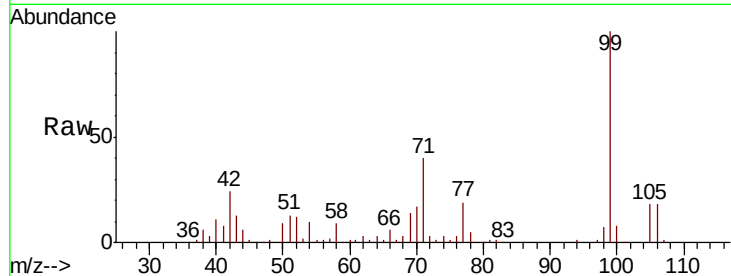
Tgt Ion: 77 Resp: 32407

Ion Ratio Lower Upper

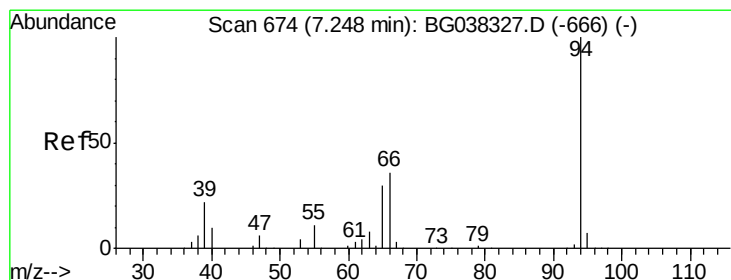
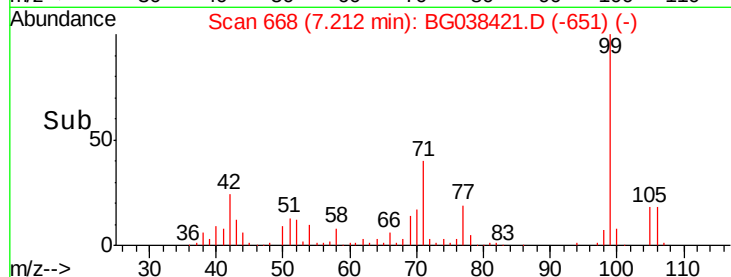
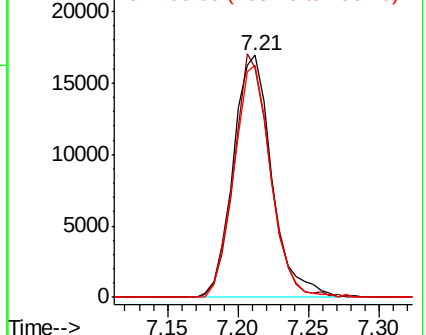
77 100

105 94.9 72.6 112.6

106 96.0 71.3 111.3



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: 50.691 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

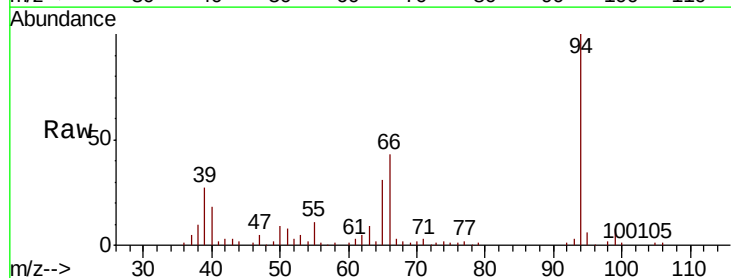
Tgt Ion: 94 Resp: 97394

Ion Ratio Lower Upper

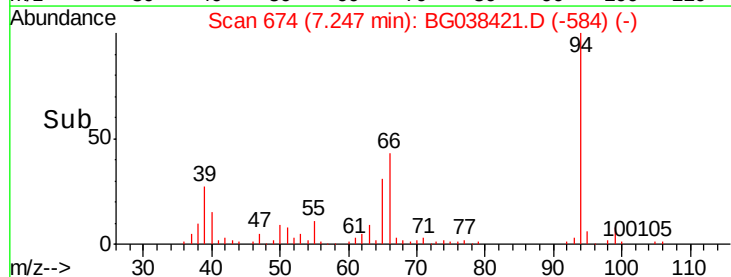
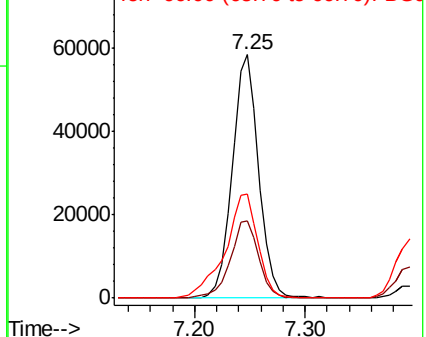
94 100

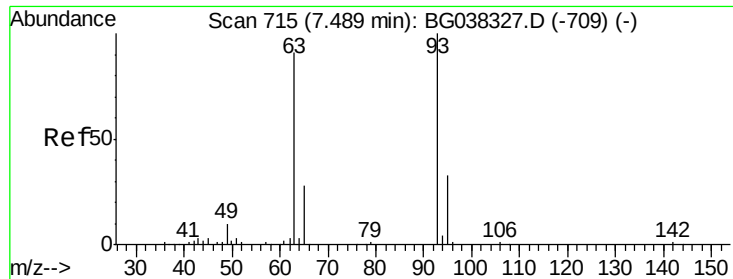
65 31.5 9.7 49.7

66 42.7 15.9 55.9



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: 41.356 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

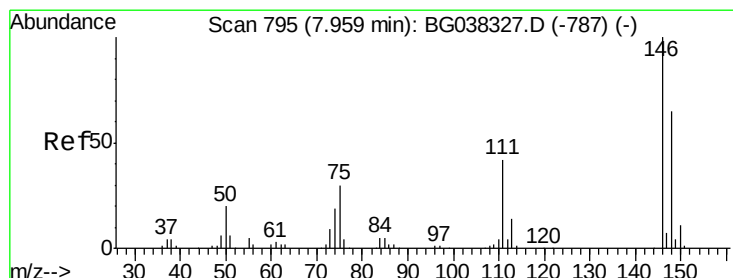
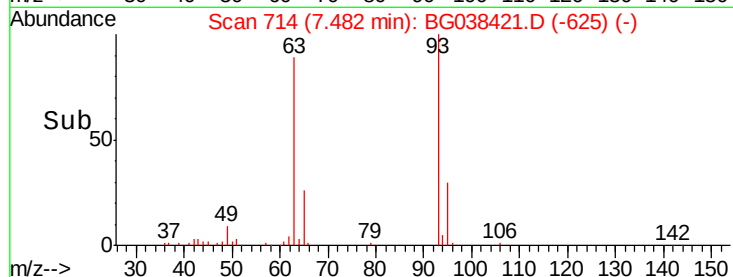
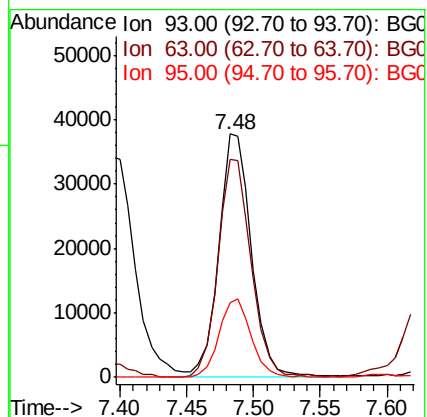
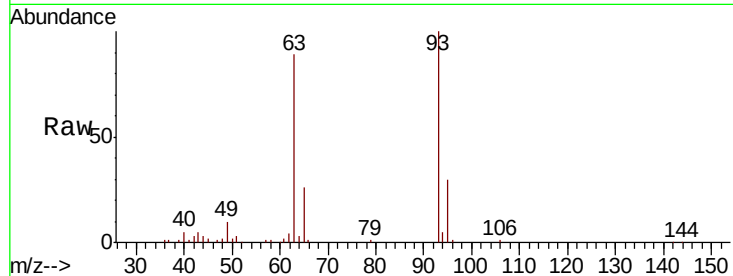
Tgt Ion: 93 Resp: 65076

Ion Ratio Lower Upper

93 100

63 89.4 69.5 109.5

95 30.4 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.591 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

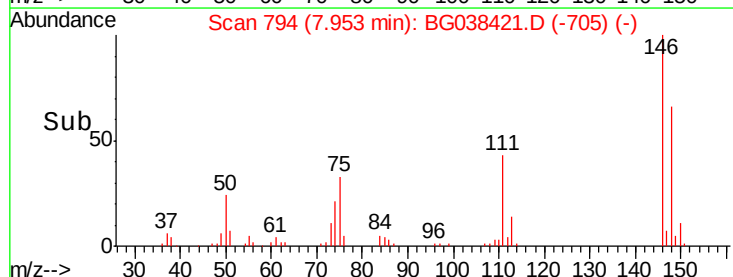
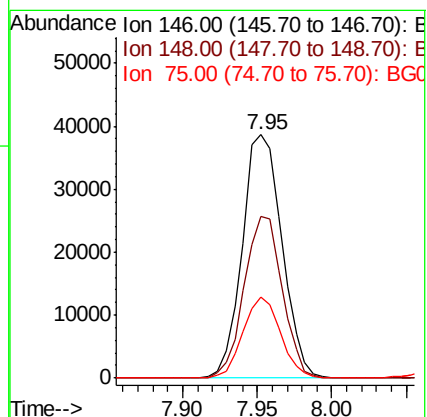
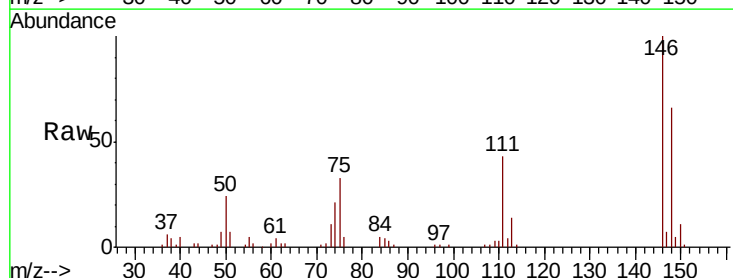
Tgt Ion: 146 Resp: 71030

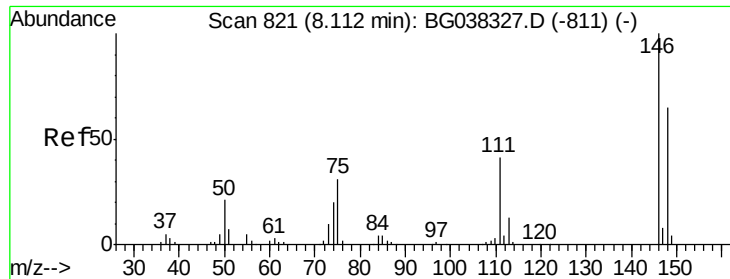
Ion Ratio Lower Upper

146 100

148 66.3 49.8 74.8

75 33.2 23.2 34.8

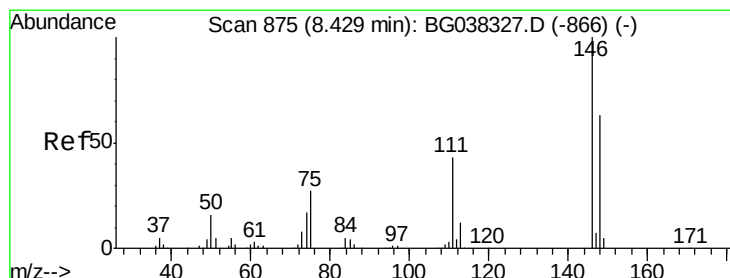
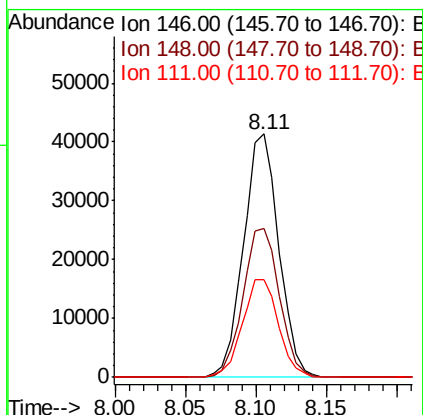
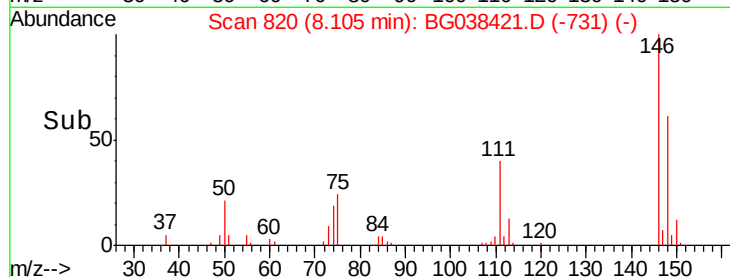
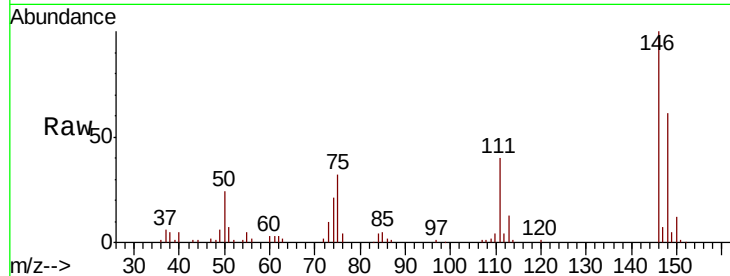




#13
 1,4-Dichlorobenzene
 Concen: 40.973 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

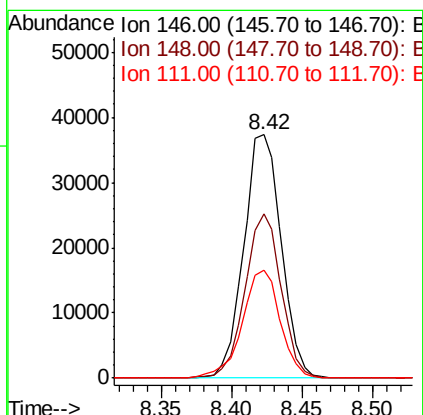
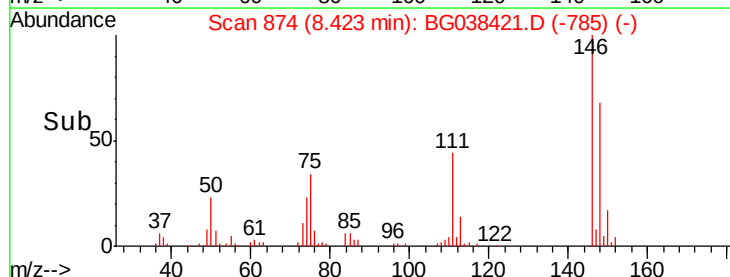
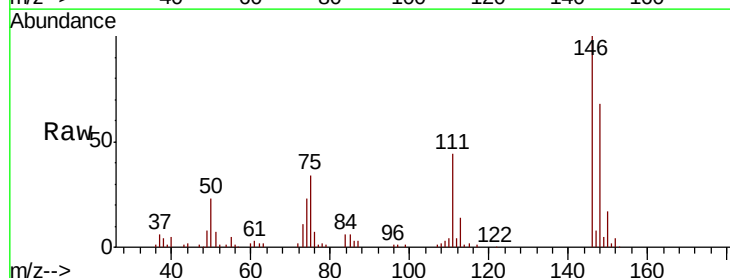
Instrument :
 BNA_G
 ClientSampled :
 PB115307BS

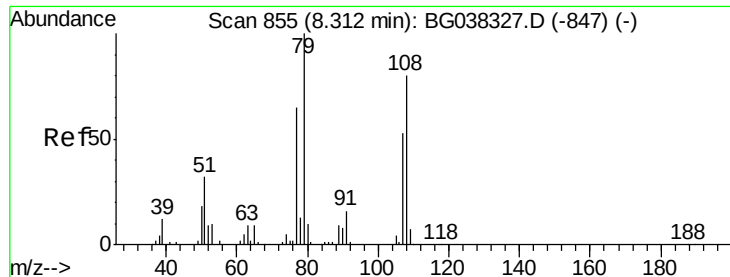
Tgt Ion:146 Resp: 72400
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.0 76.6
 111 39.9 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 43.475 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion:146 Resp: 69595
 Ion Ratio Lower Upper
 146 100
 148 67.6 50.4 75.6
 111 44.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 39.266 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

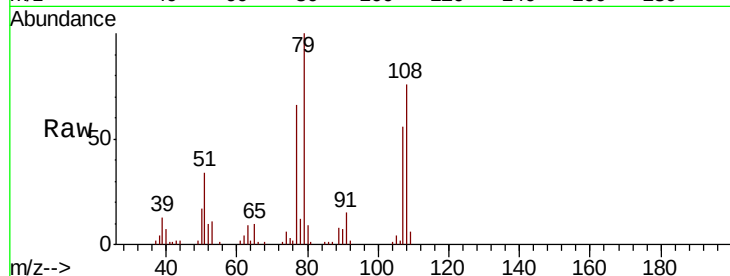
Tgt Ion: 79 Resp: 58704

Ion Ratio Lower Upper

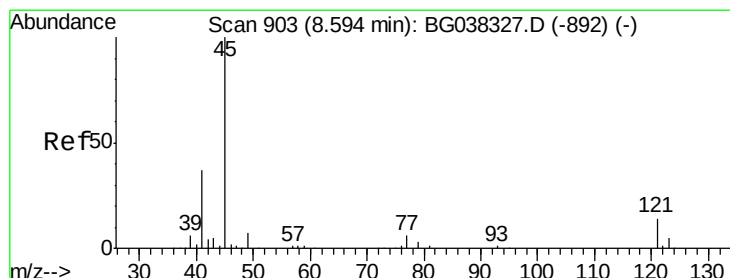
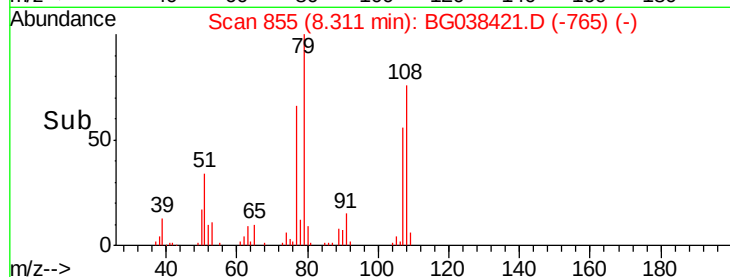
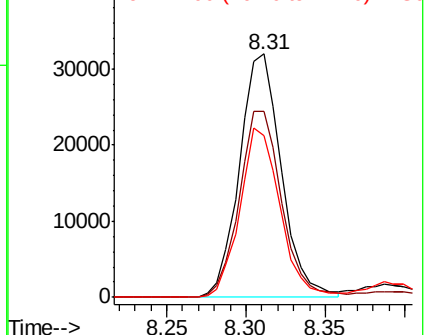
79 100

108 76.4 65.8 98.8

77 66.4 52.9 79.3



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: 41.536 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

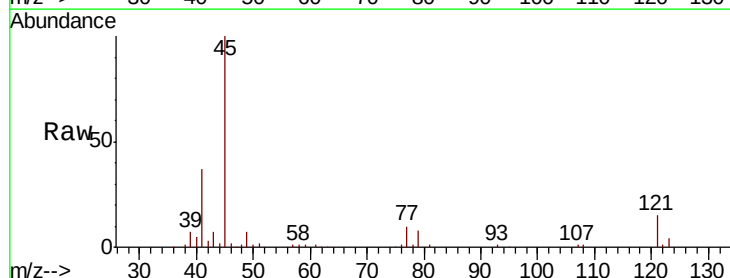
Tgt Ion: 45 Resp: 148665

Ion Ratio Lower Upper

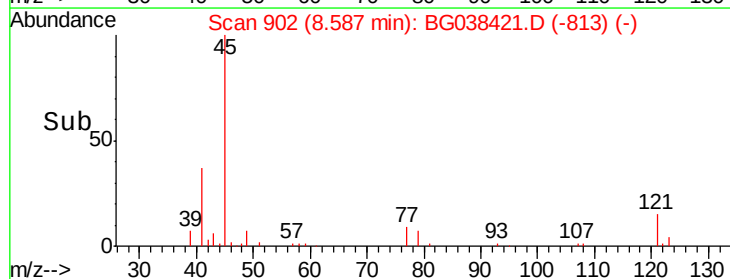
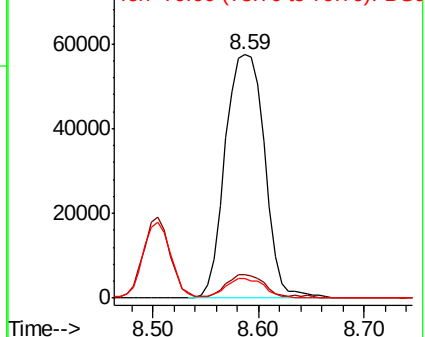
45 100

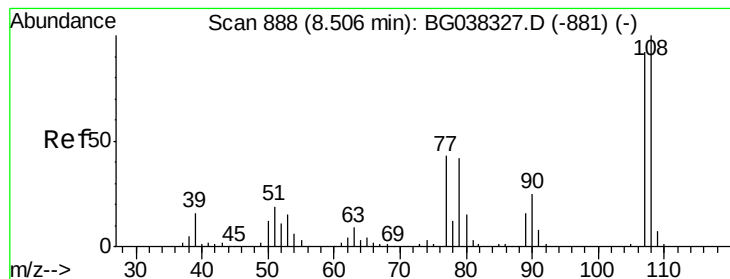
77 9.9 0.0 30.0

79 8.0 0.0 29.0



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





#17

2-Methylphenol

Concen: 51.783 ng

RT: 8.50 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

Tgt Ion:107 Resp: 67334

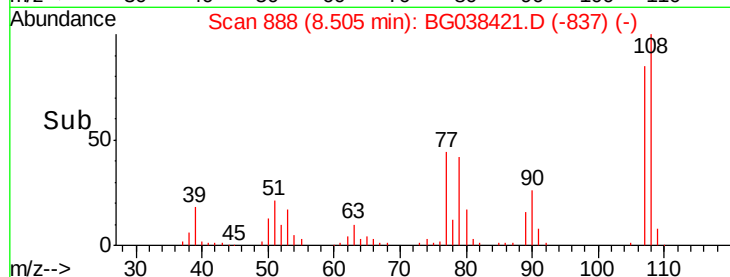
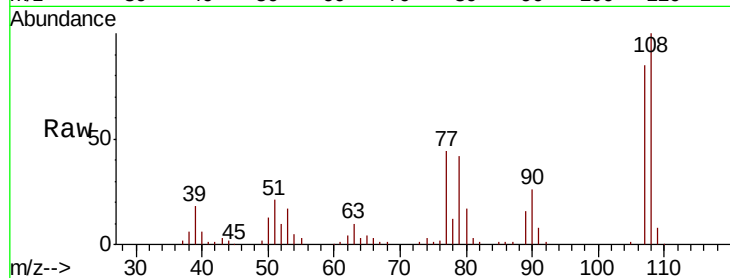
Ion Ratio Lower Upper

107 100

108 117.6 87.9 131.9

77 52.2 35.1 52.7

79 49.3 34.5 51.7

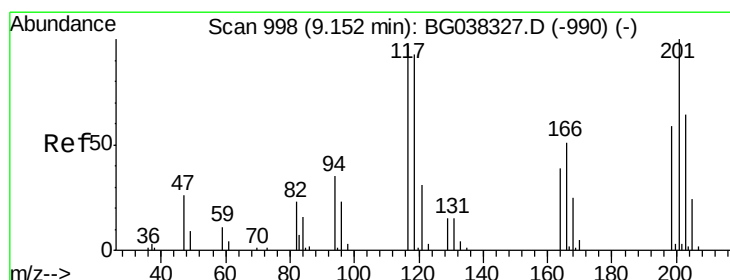
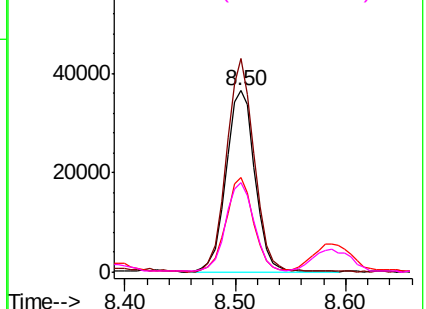


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.871 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

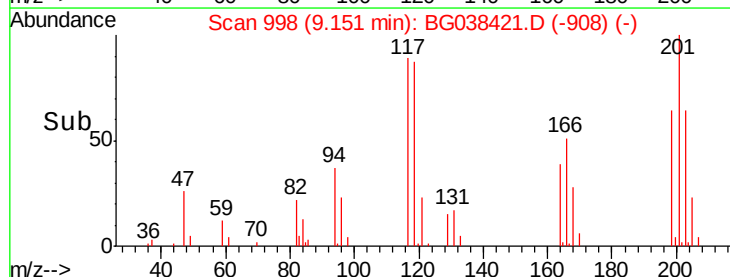
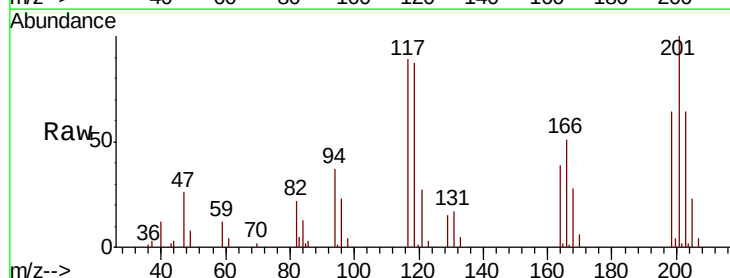
Tgt Ion:117 Resp: 26703

Ion Ratio Lower Upper

117 100

119 97.8 74.6 111.8

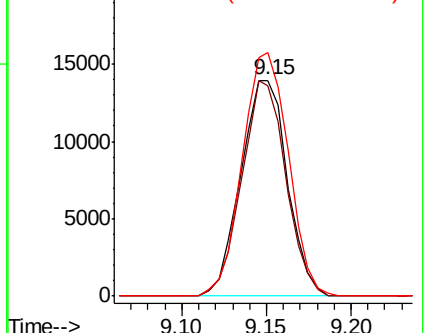
201 113.0 80.8 121.2

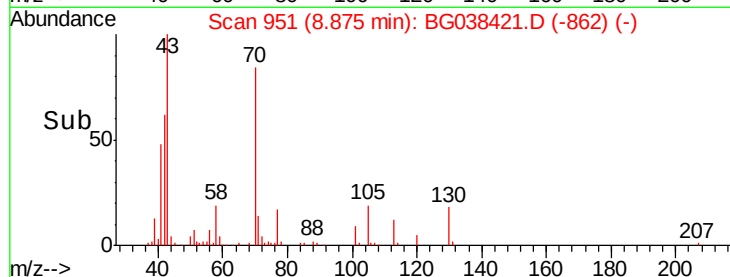
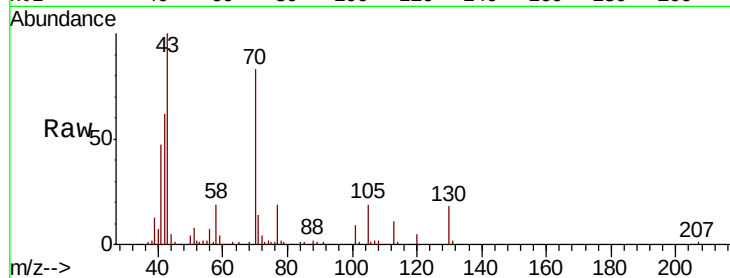
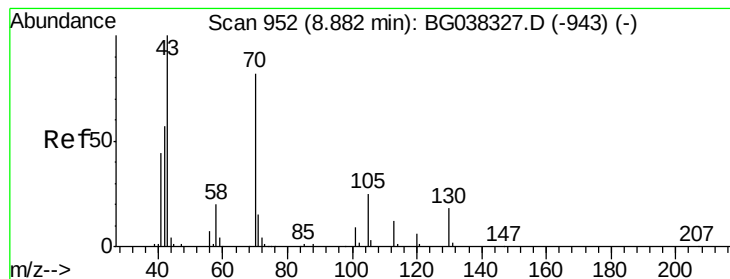


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.140 ng

RT: 8.87 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

Tgt Ion: 70 Resp: 57116

Ion Ratio Lower Upper

70 100

42 74.4 53.9 80.9

101 10.4 8.2 12.2

130 21.8 18.2 27.4

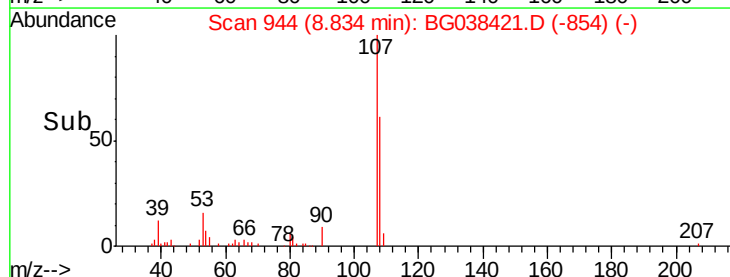
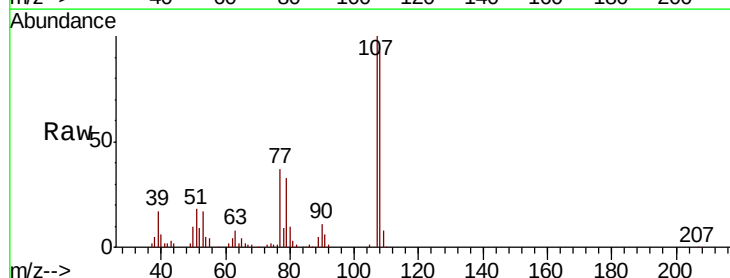
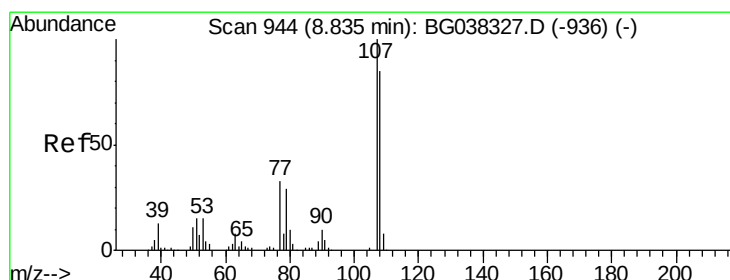
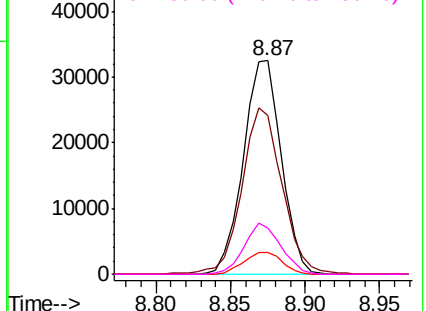
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 47.263 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Tgt Ion: 107 Resp: 91483

Ion Ratio Lower Upper

107 100

108 93.4 69.9 109.9

77 36.6 11.2 51.2

79 32.6 6.6 46.6

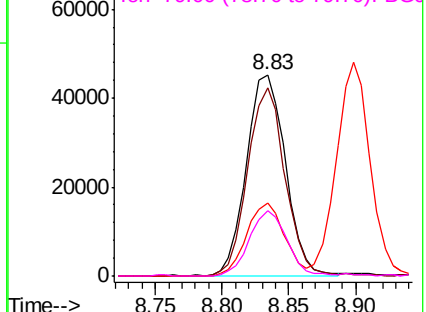
Abundance

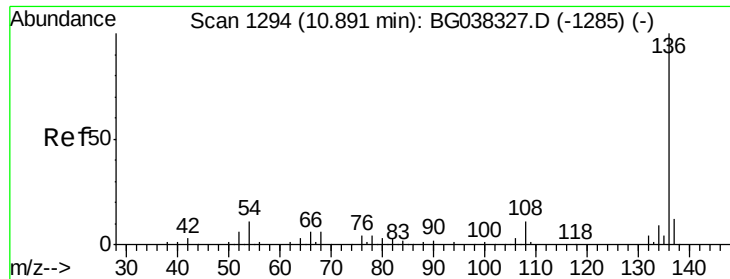
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

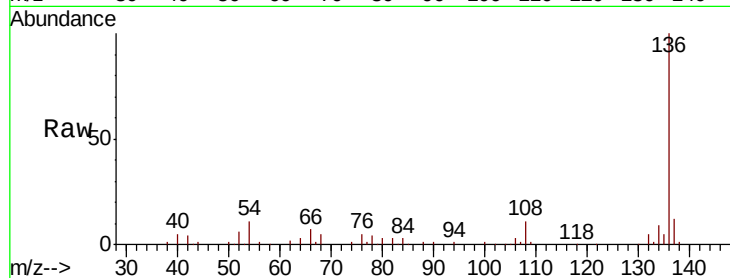




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion:	136	Resp:	98865
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	11.0	7.9	11.9
68	5.4	4.8	7.2



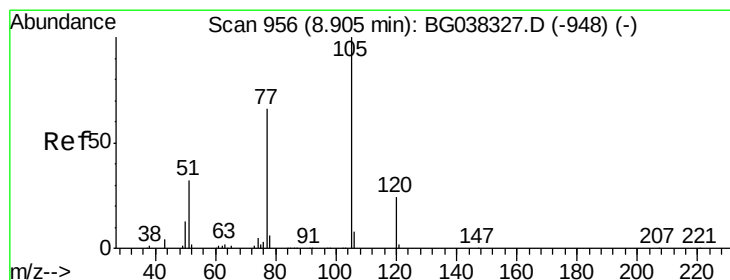
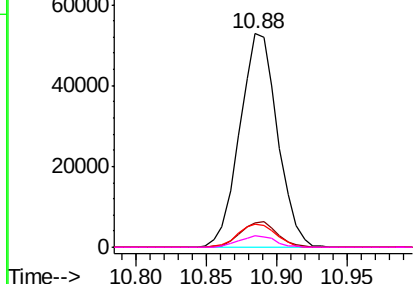
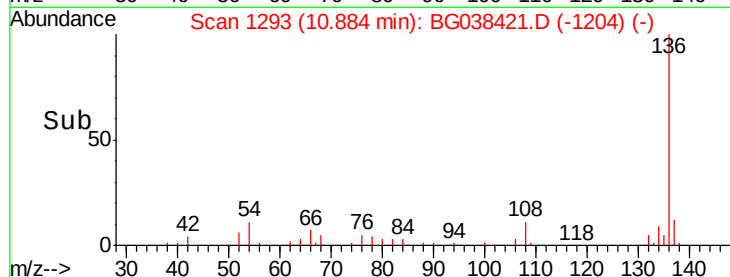
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

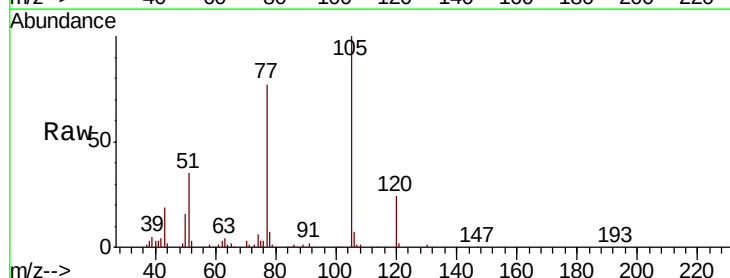
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 45.678 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:	105	Resp:	108126
Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	34.7	25.0	37.6
120	24.1	18.6	28.0



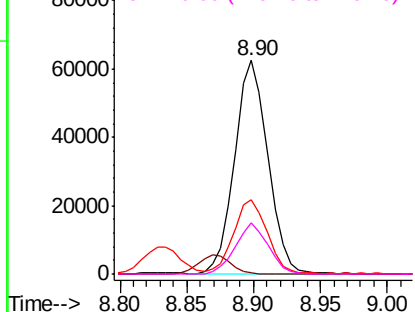
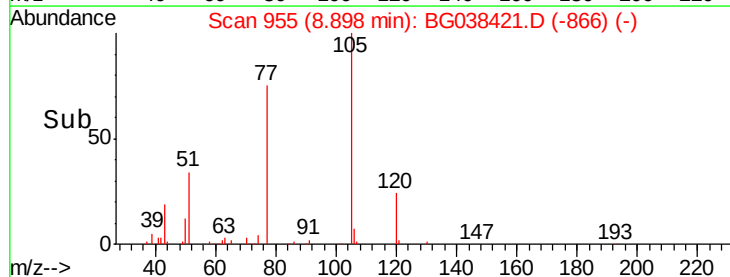
Abundance

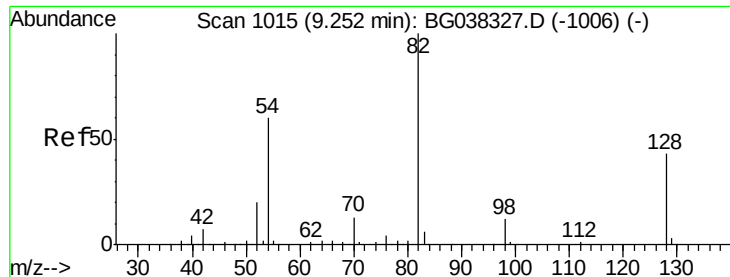
Ion 105.00 (104.70 to 105.70): E

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

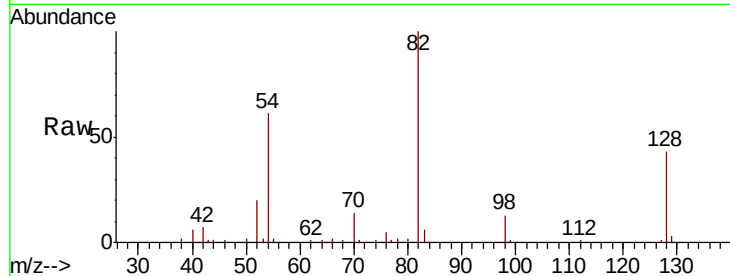




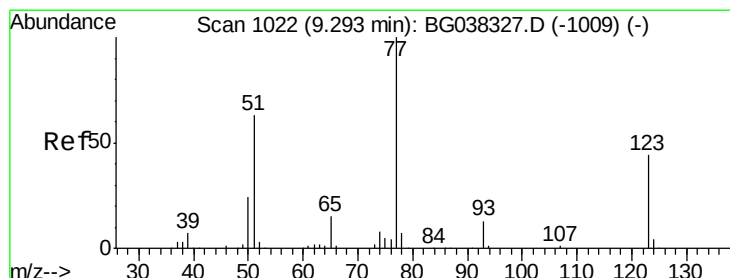
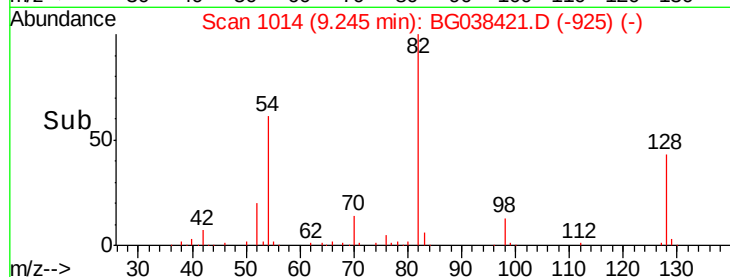
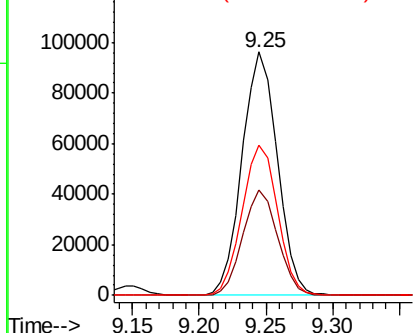
#23
Nitrobenzene-d5
Concen: 88.462 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion: 82 Resp: 176156
Ion Ratio Lower Upper
82 100
128 43.4 34.6 51.8
54 61.4 45.3 67.9

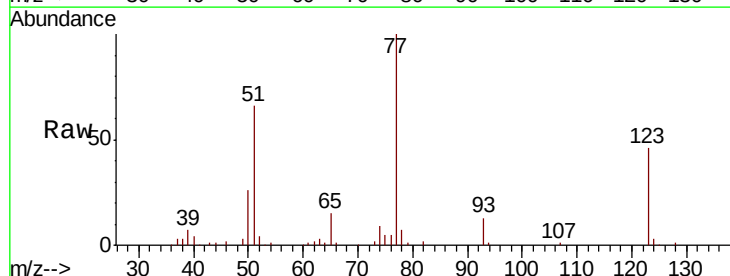


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

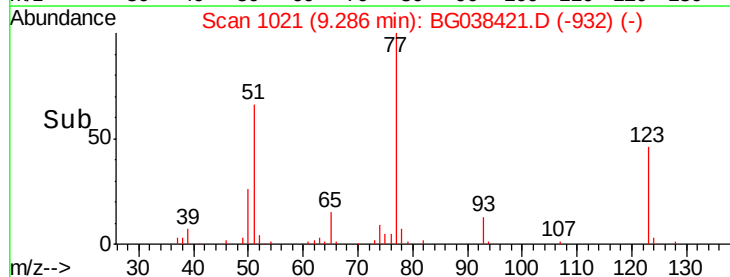
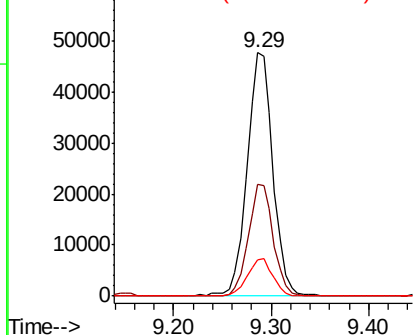


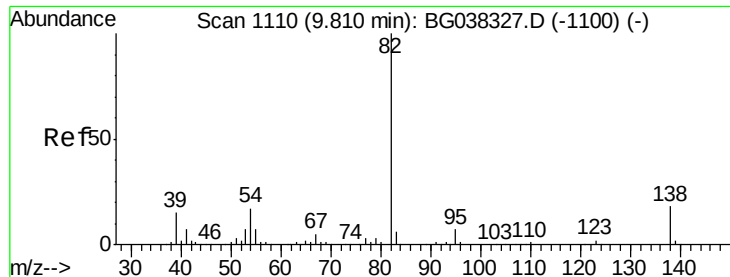
#24
Nitrobenzene
Concen: 43.530 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion: 77 Resp: 88067
Ion Ratio Lower Upper
77 100
123 45.7 33.6 50.4
65 14.9 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.792 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

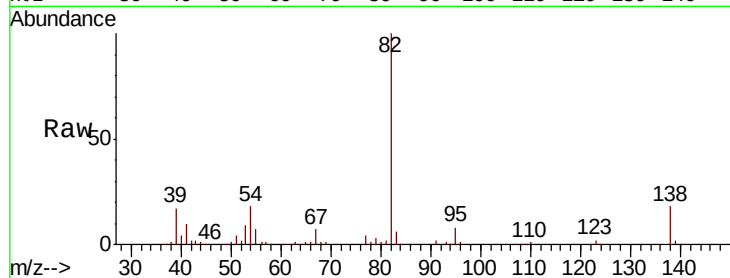
Tgt Ion: 82 Resp: 167250

Ion Ratio Lower Upper

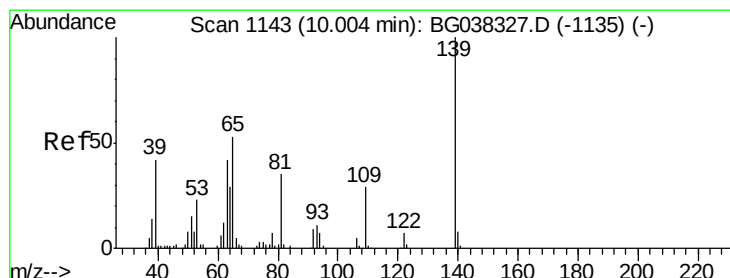
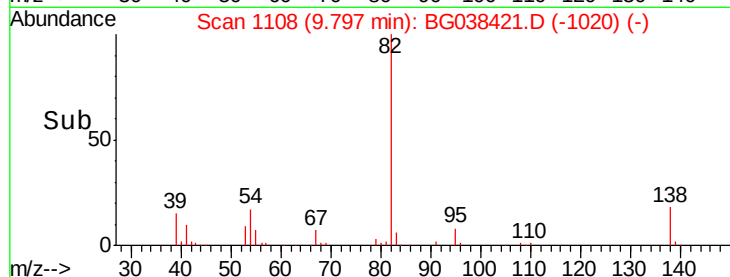
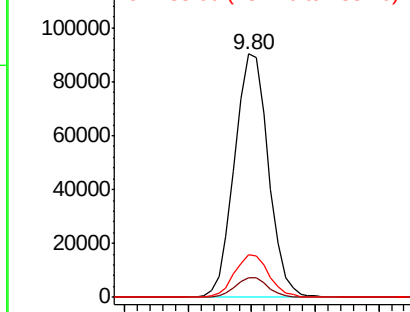
82 100

95 7.8 5.3 7.9

138 17.6 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.650 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

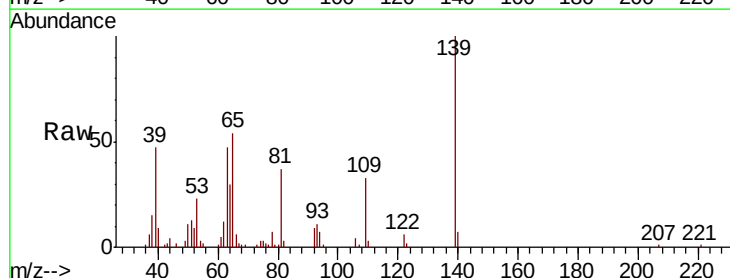
Tgt Ion: 139 Resp: 42793

Ion Ratio Lower Upper

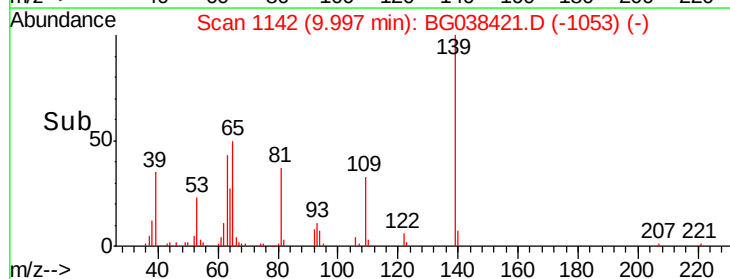
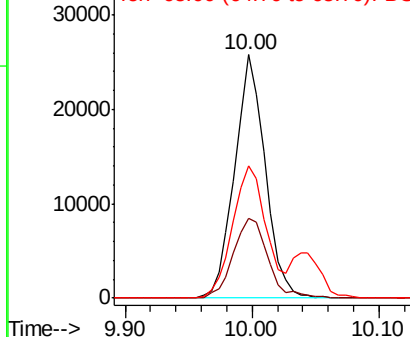
139 100

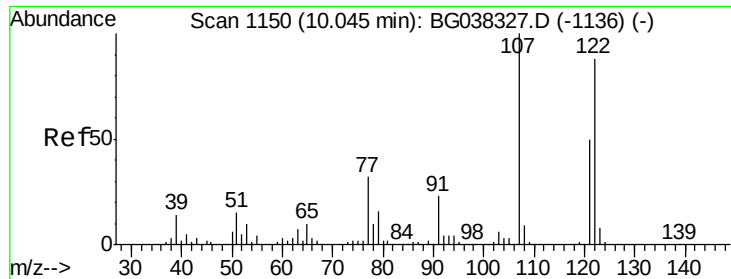
109 33.0 23.3 34.9

65 54.4 39.8 59.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

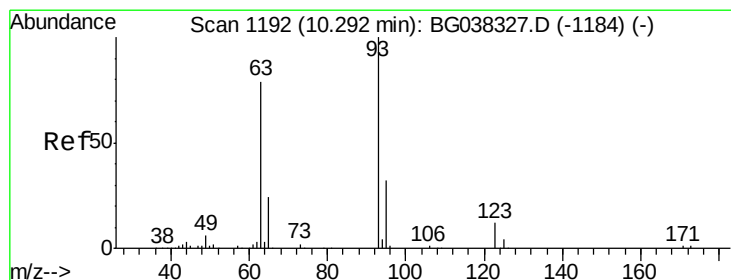
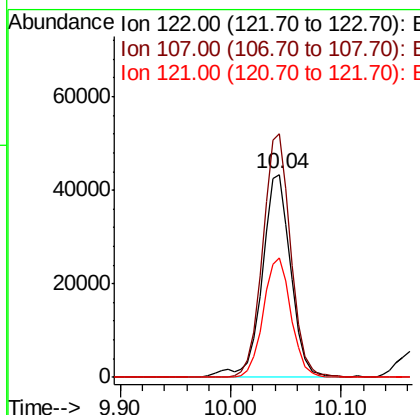
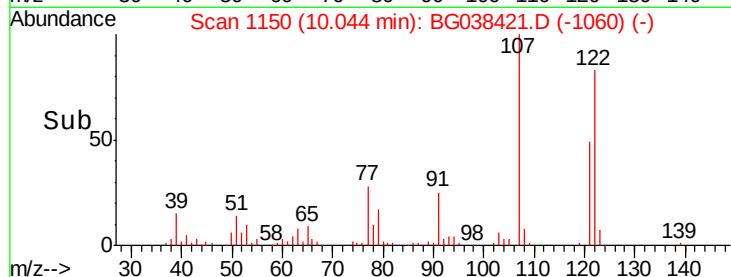
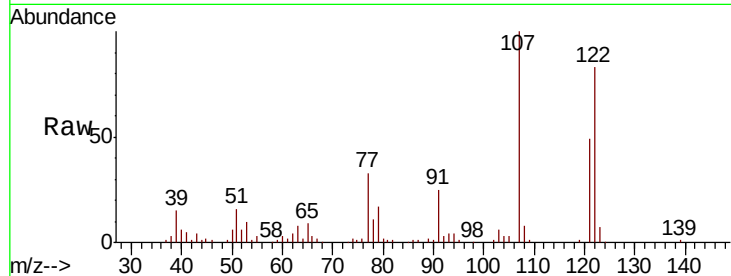




#27
2,4-Dimethylphenol
Concen: 58.283 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

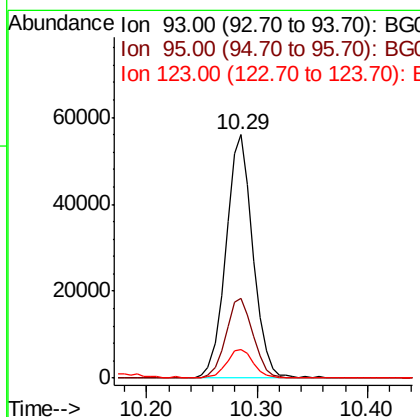
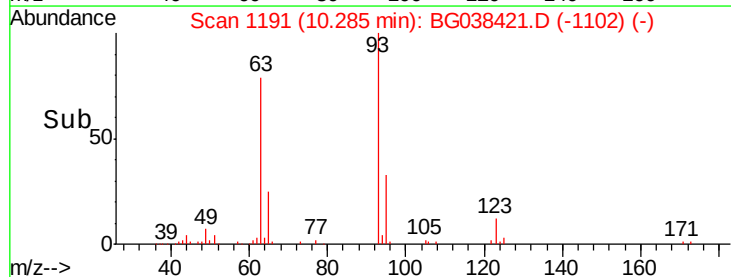
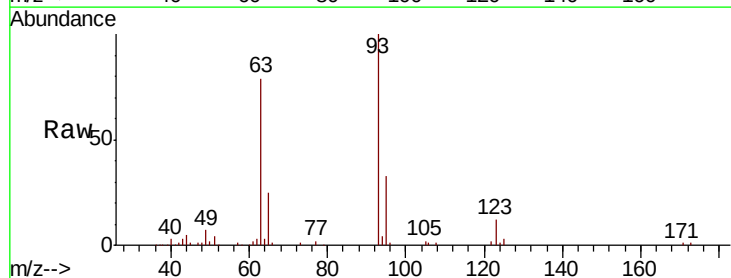
Instrument :
BNA_G
ClientSampleId :
PB115307BS

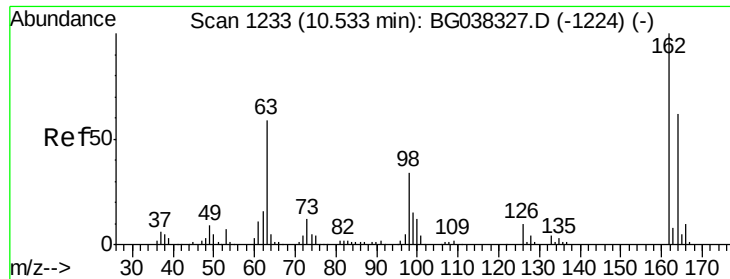
Tgt Ion:122 Resp: 78475
Ion Ratio Lower Upper
122 100
107 119.8 94.2 141.2
121 58.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.485 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion: 93 Resp: 95263
Ion Ratio Lower Upper
93 100
95 32.7 24.6 37.0
123 12.0 9.1 13.7

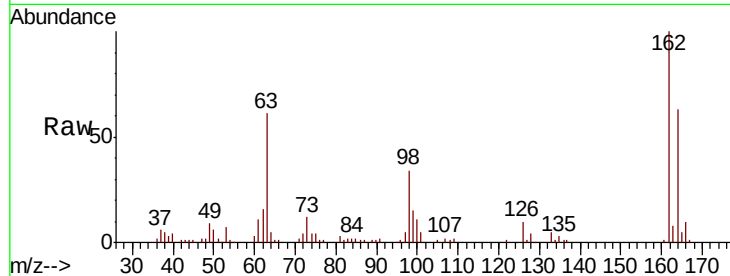




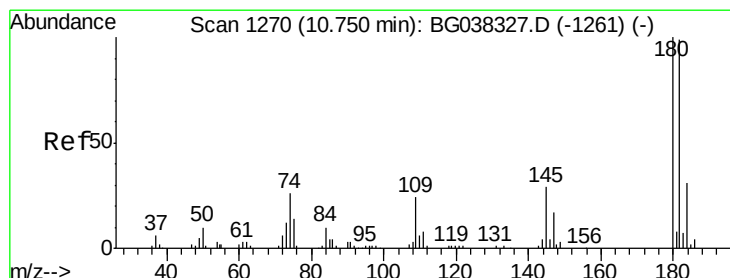
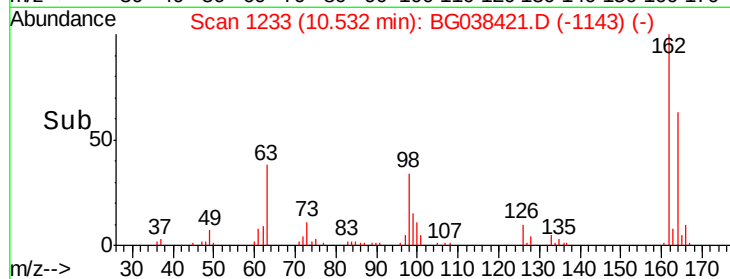
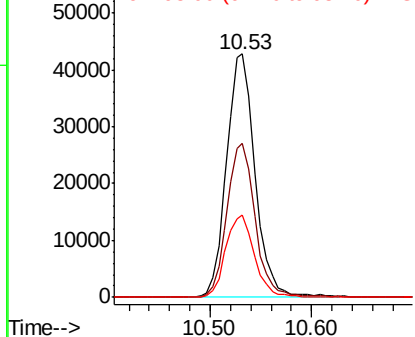
#29
 2,4-Dichlorophenol
 Concen: 54.260 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.2	83.2
98	33.7	16.0	56.0

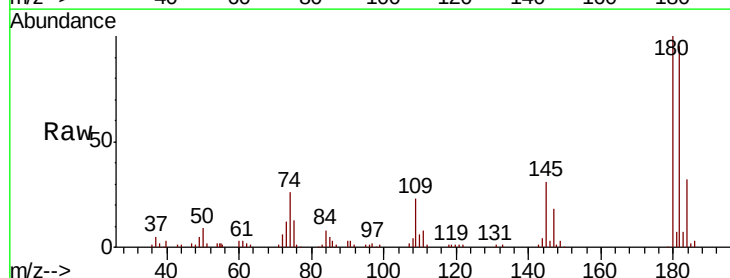


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

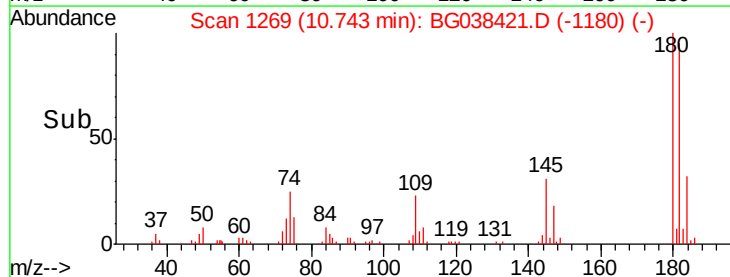
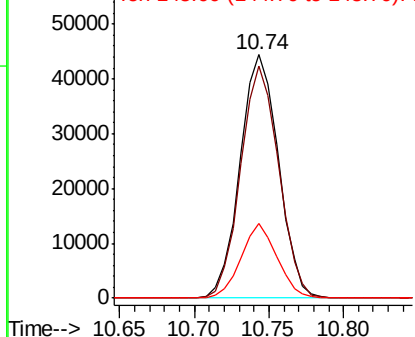


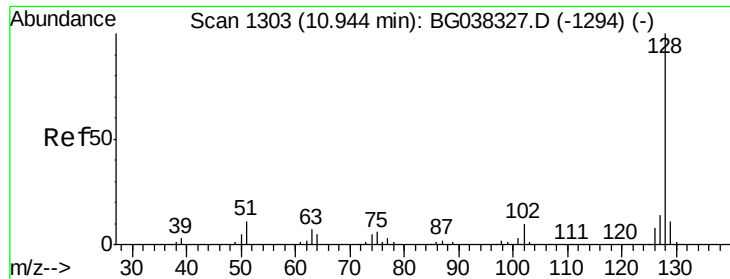
#30
 1,2,4-Trichlorobenzene
 Concen: 43.759 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.7	116.5
145	30.6	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

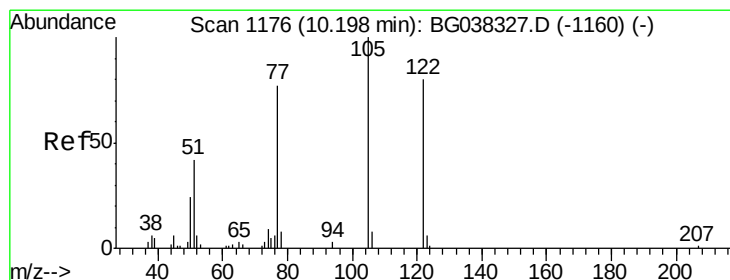
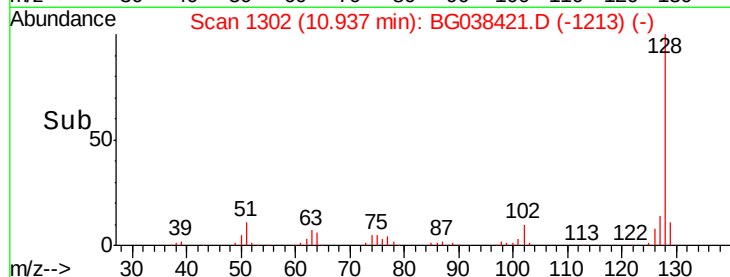
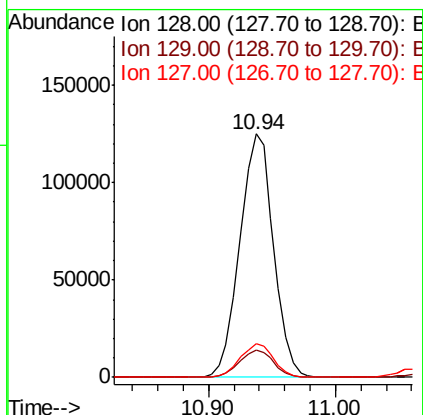
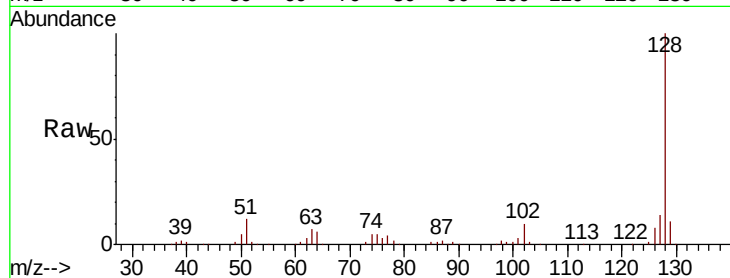




#31
Naphthalene
Concen: 48.662 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

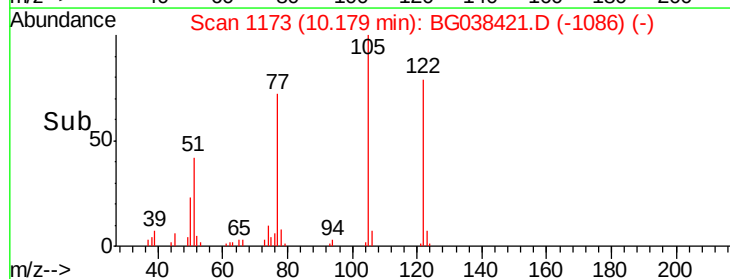
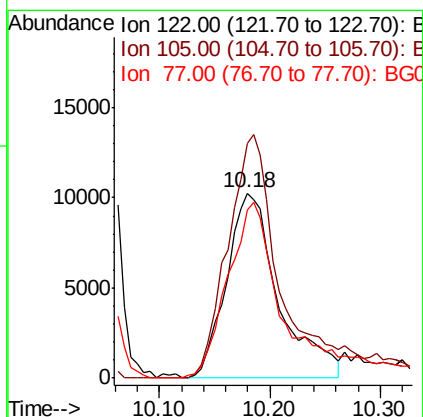
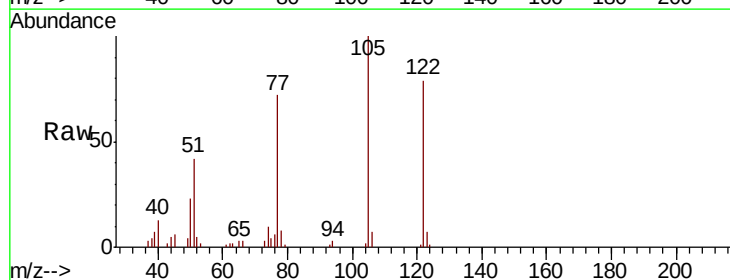
Instrument :
BNA_G
ClientSampleId :
PB115307BS

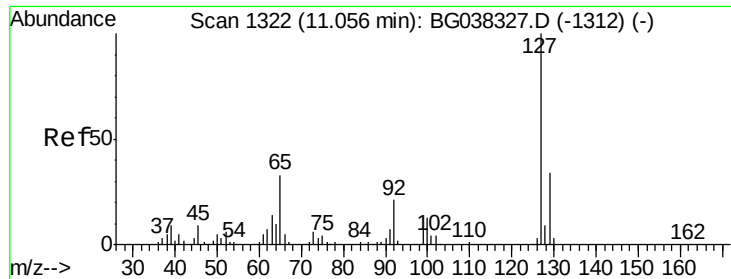
Tgt Ion:128 Resp: 229807
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 36.623 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:122 Resp: 33810
Ion Ratio Lower Upper
122 100
105 126.4 106.7 146.7
77 90.9 72.2 112.2

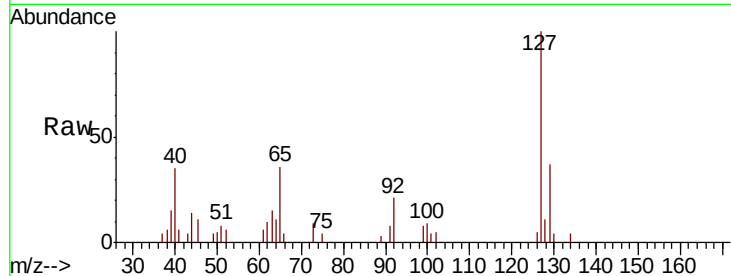




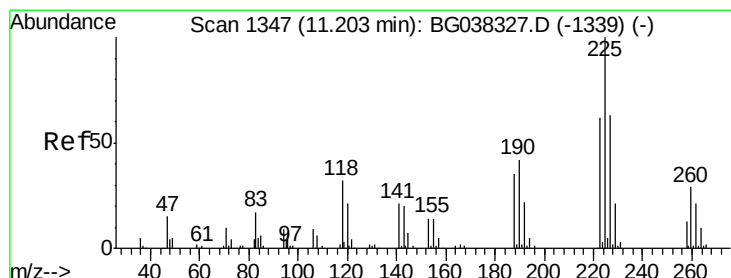
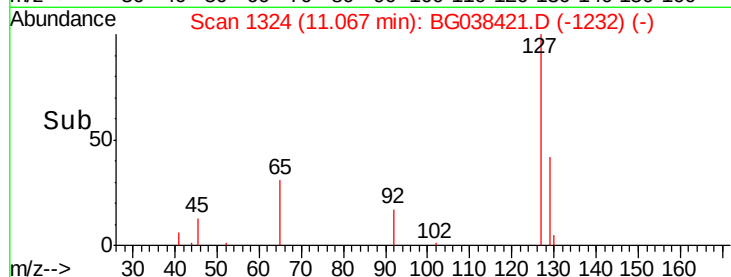
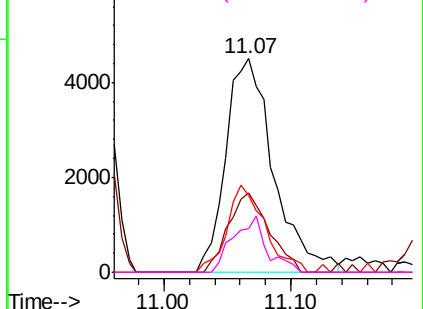
#33
4-Chloroaniline
Concen: 5.630 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion:127 Resp: 11771
Ion Ratio Lower Upper
127 100
129 37.2 27.1 40.7
65 35.7 26.6 39.8
92 20.6 16.4 24.6

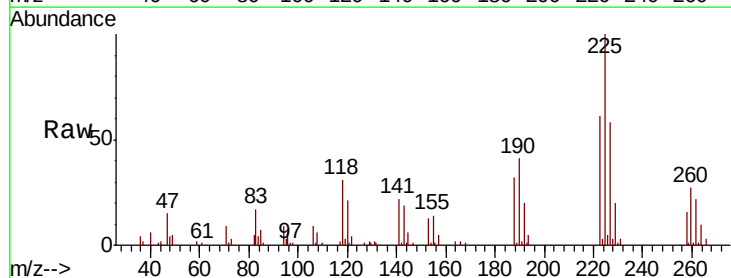


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

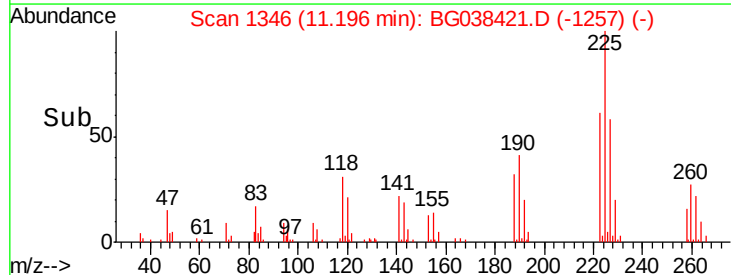
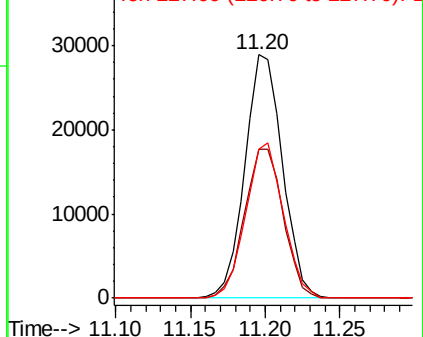


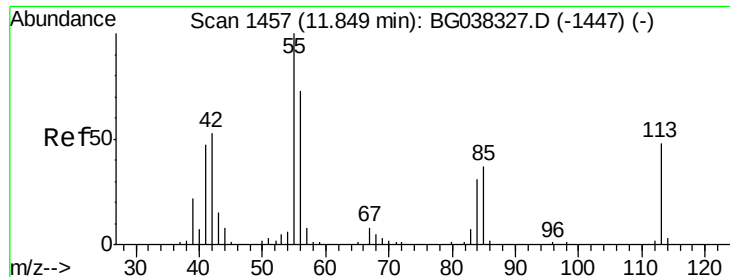
#34
Hexachlorobutadiene
Concen: 44.613 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:225 Resp: 50357
Ion Ratio Lower Upper
225 100
223 61.2 48.2 72.4
227 57.9 51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.976 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

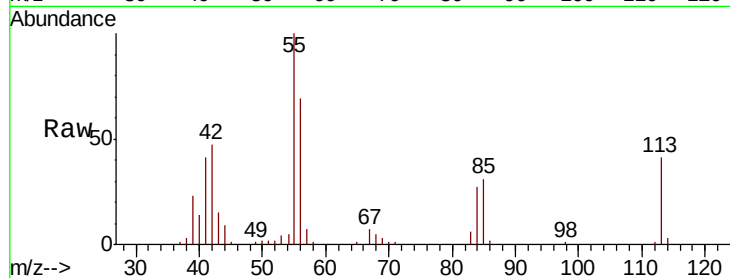
Tgt Ion:113 Resp: 21595

Ion Ratio Lower Upper

113 100

55 241.8 176.6 216.6#

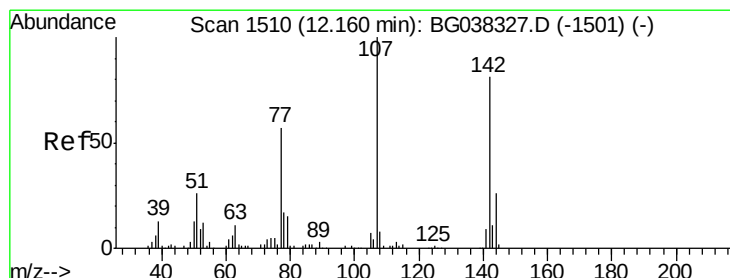
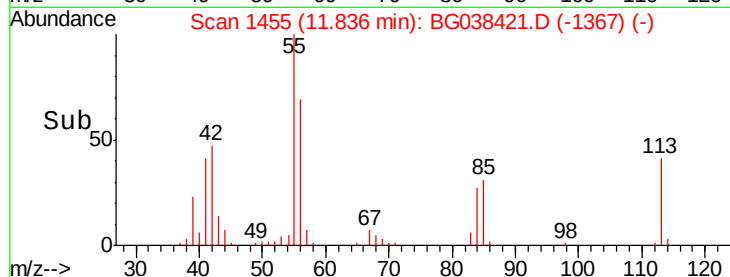
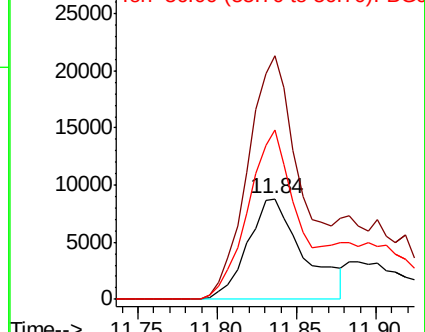
56 167.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.783 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

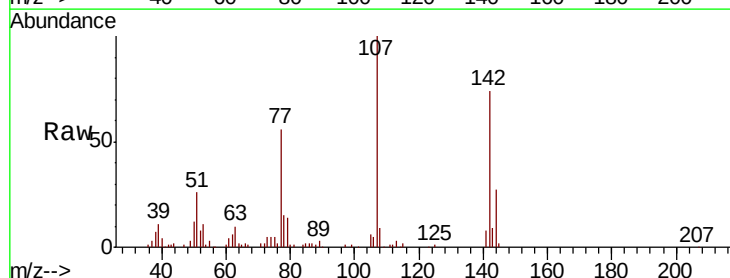
Tgt Ion:107 Resp: 91846

Ion Ratio Lower Upper

107 100

144 27.3 20.7 31.1

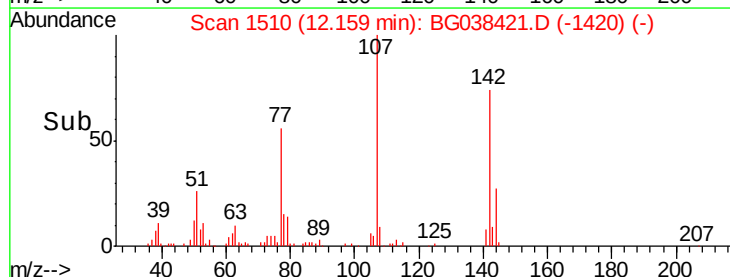
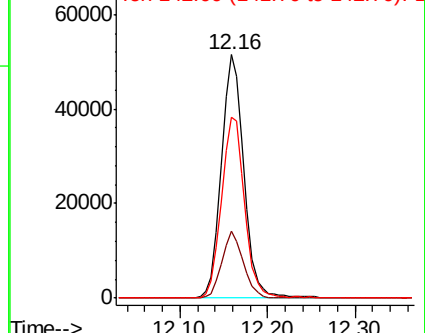
142 74.4 64.4 96.6

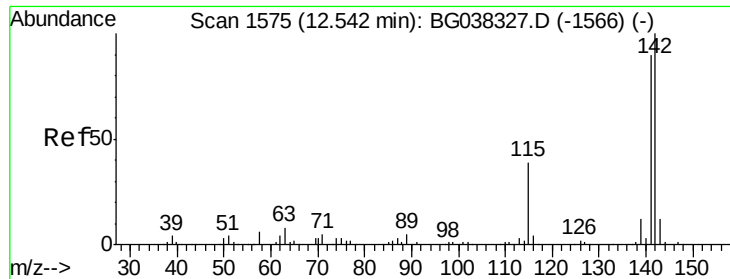


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

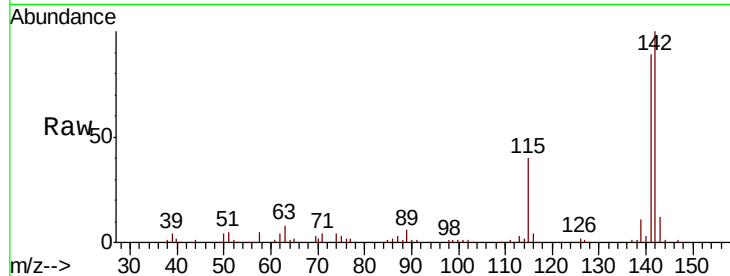




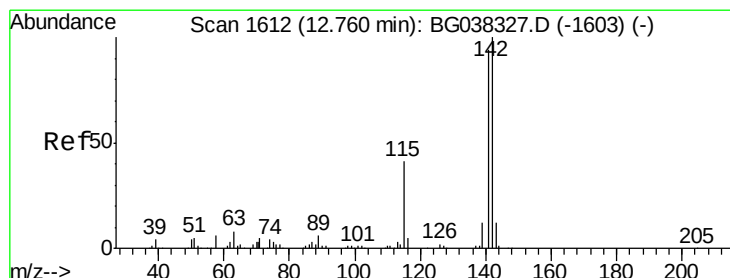
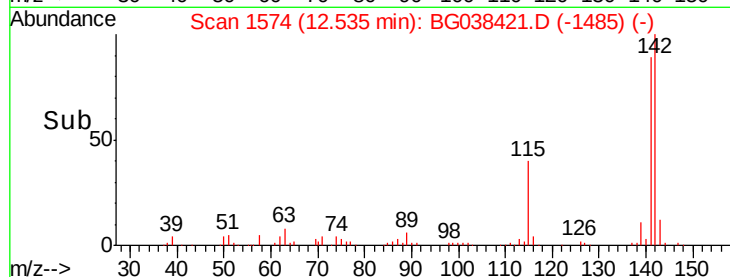
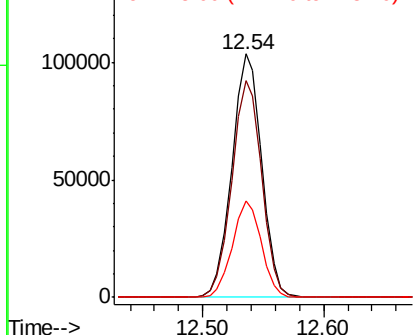
#37
 2-Methylnaphthalene
 Concen: 52.835 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

Tgt Ion:142 Resp: 177694
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.9 107.9
 115 39.6 27.8 41.8

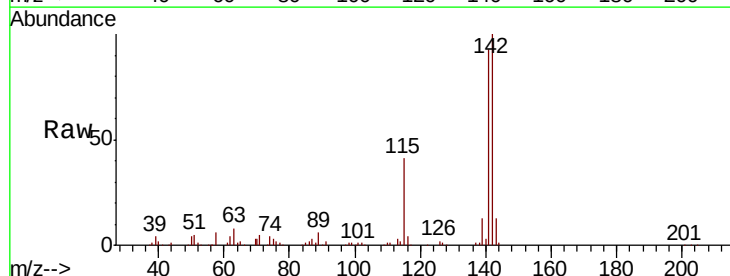


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

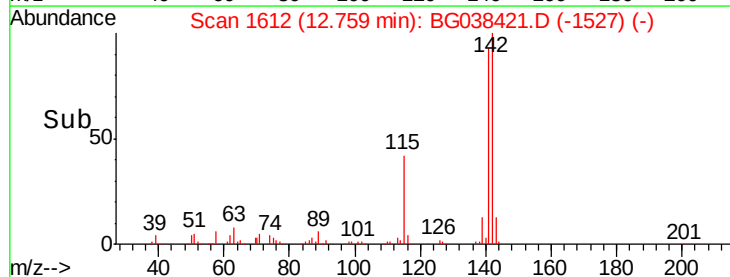
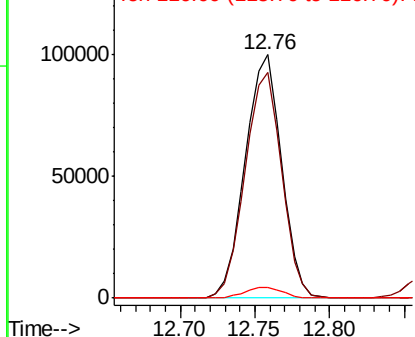


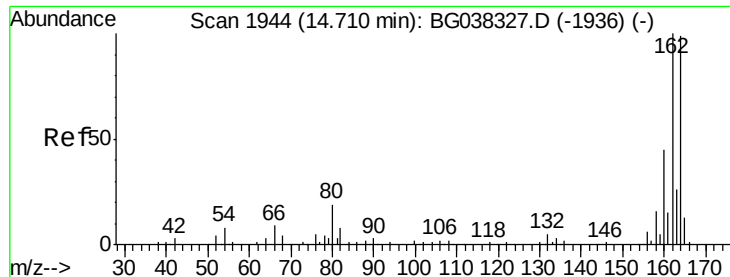
#38
 1-Methylnaphthalene
 Concen: 52.320 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion:142 Resp: 168528
 Ion Ratio Lower Upper
 142 100
 141 92.8 75.2 112.8
 116 4.2 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

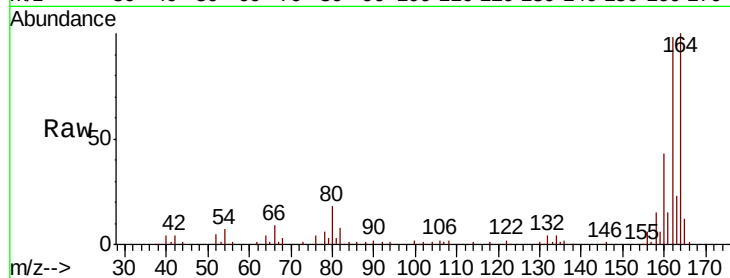
Tgt Ion:164 Resp: 70045

Ion Ratio Lower Upper

164 100

162 98.5 81.3 121.9

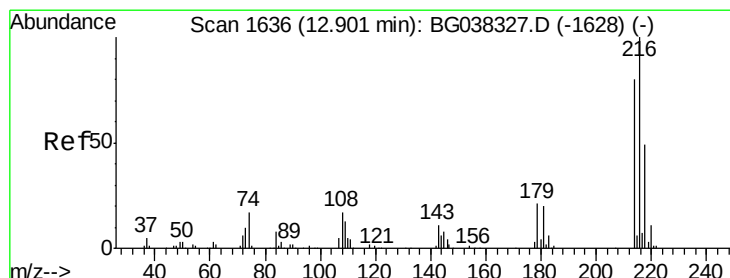
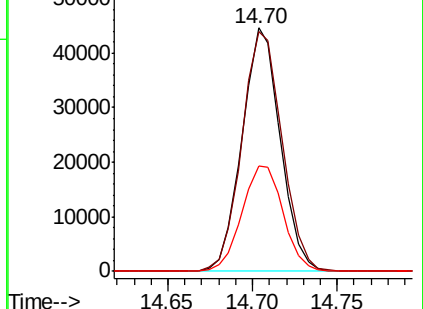
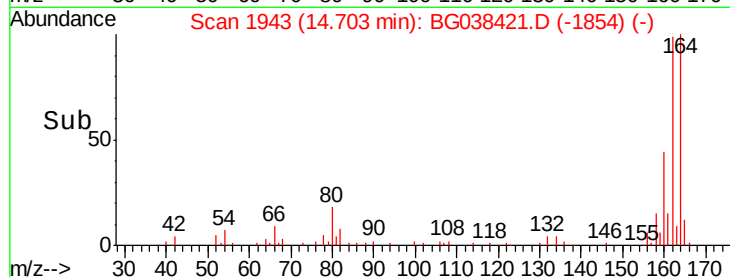
160 43.2 36.3 54.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.164 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Tgt Ion:216 Resp: 99214

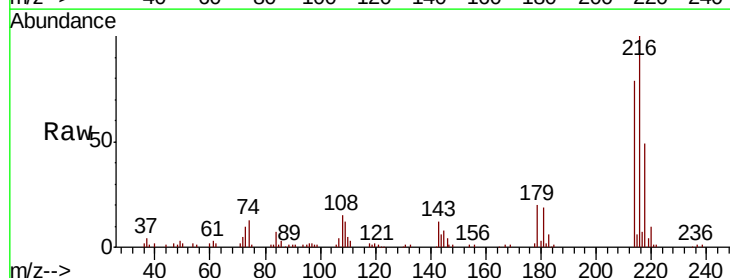
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 20.2 17.4 26.0

108 19.9 13.9 20.9

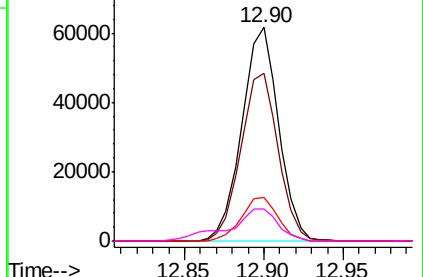
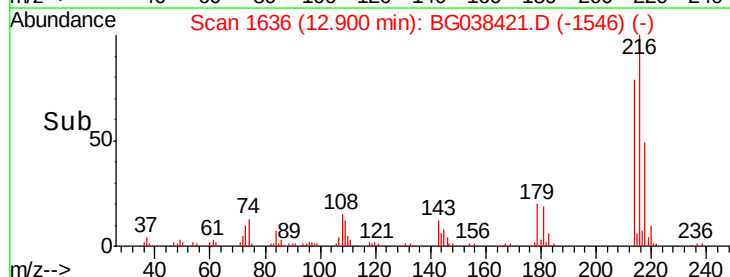


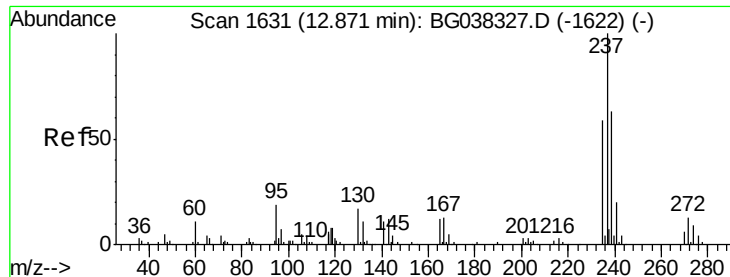
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.269 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

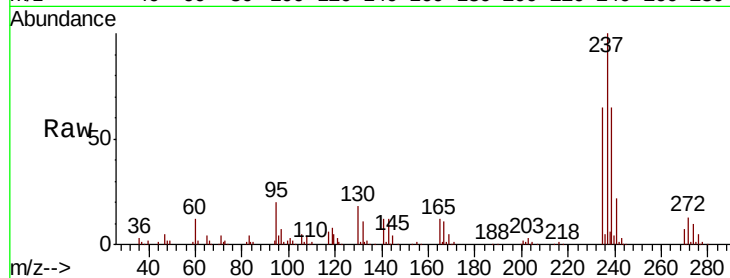
Tgt Ion: 237 Resp: 136782

Ion Ratio Lower Upper

237 100

235 64.7 42.5 82.5

272 12.6 0.0 31.6

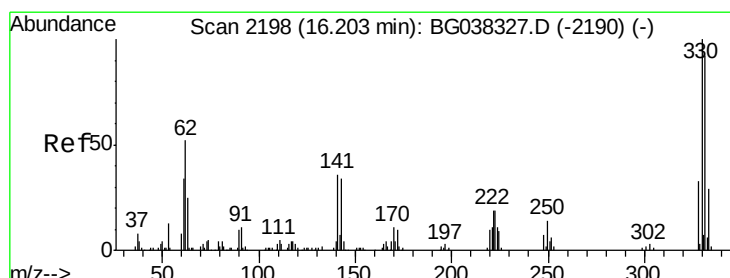
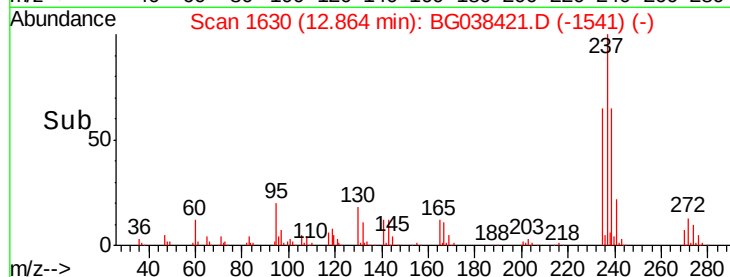
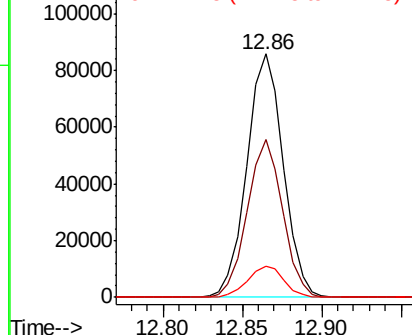


Abundance

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: 105.961 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

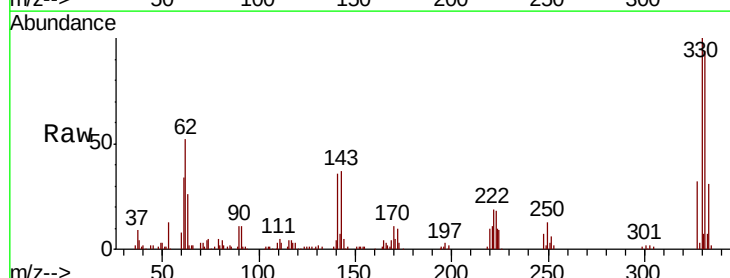
Tgt Ion: 330 Resp: 91115

Ion Ratio Lower Upper

330 100

332 94.8 78.4 117.6

141 36.5 32.2 48.2

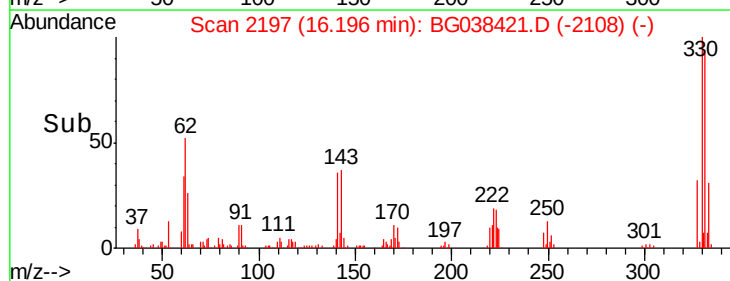
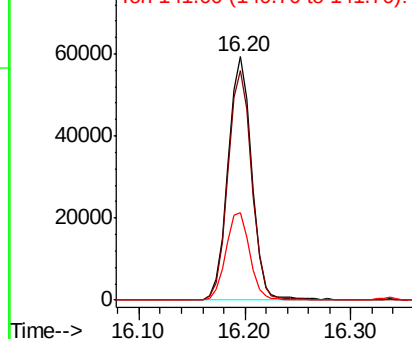


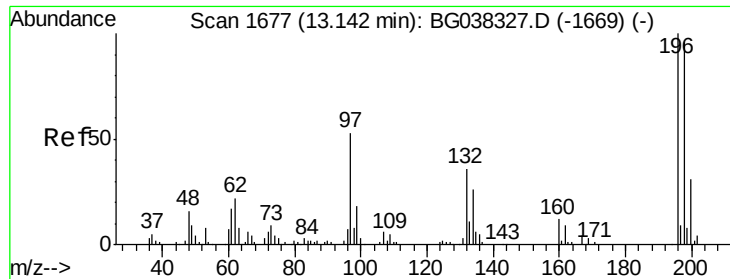
Abundance

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

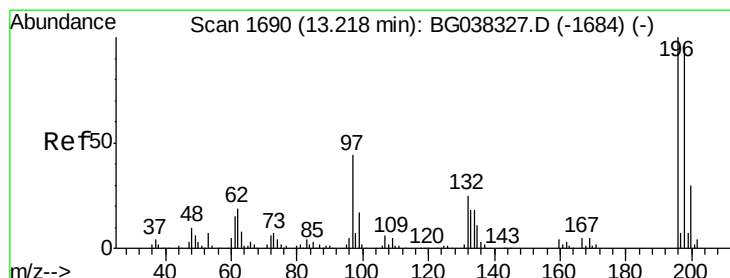
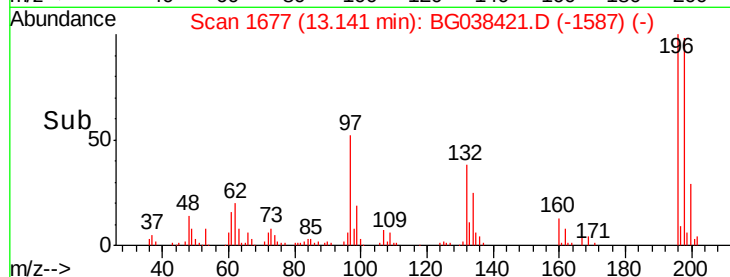
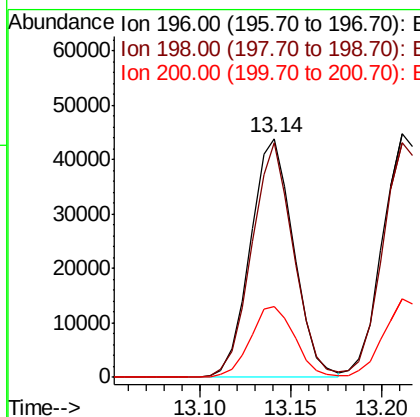
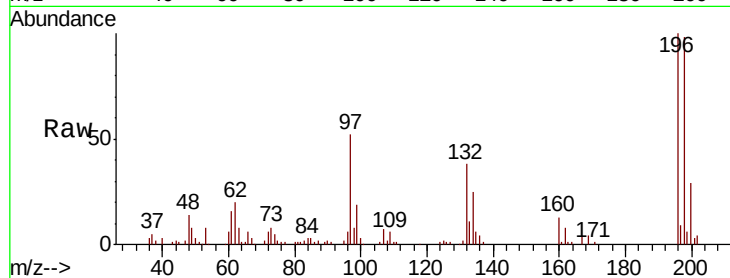




#43
 2,4,6-Trichlorophenol
 Concen: 46.457 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

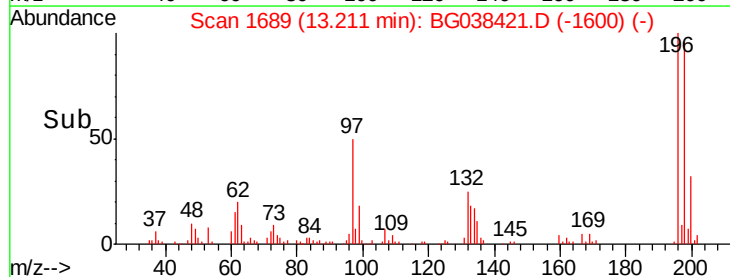
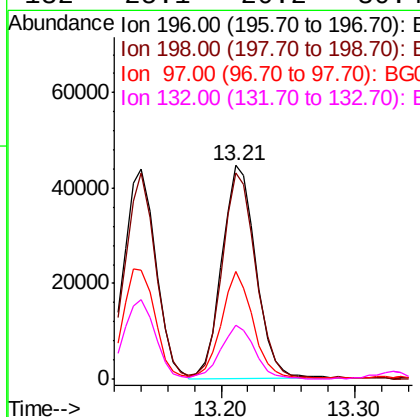
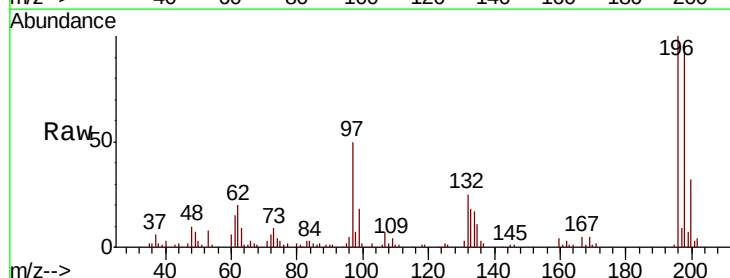
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

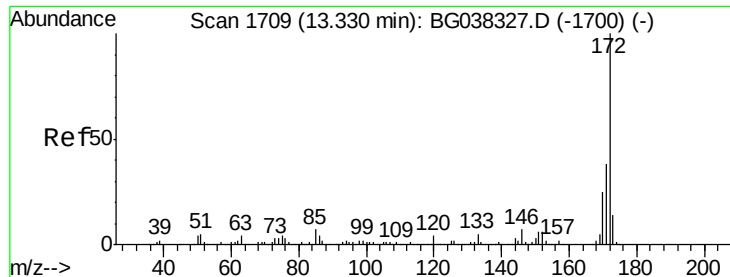
Tgt Ion:196 Resp: 72534
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.4 114.6
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.119 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion:196 Resp: 79591
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.2 111.2
 97 50.3 34.1 51.1
 132 25.1 20.2 30.4

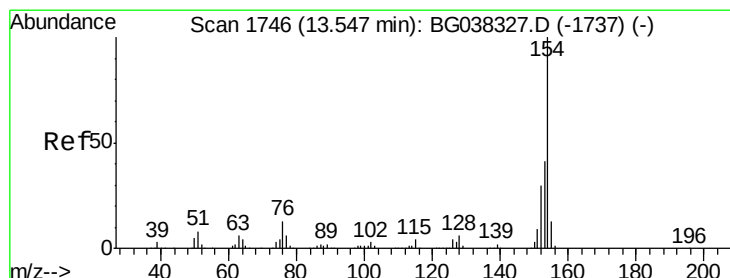
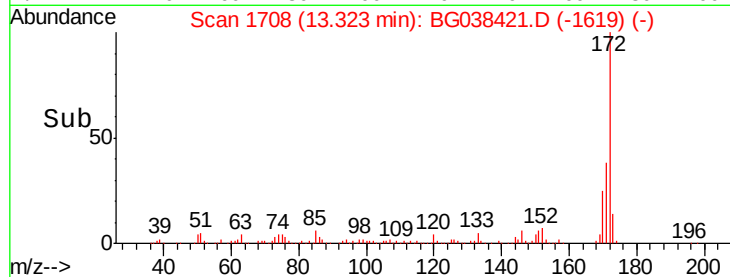
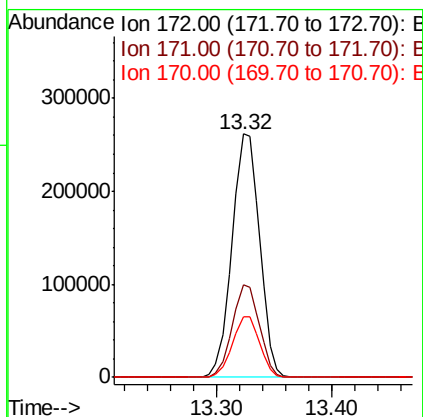
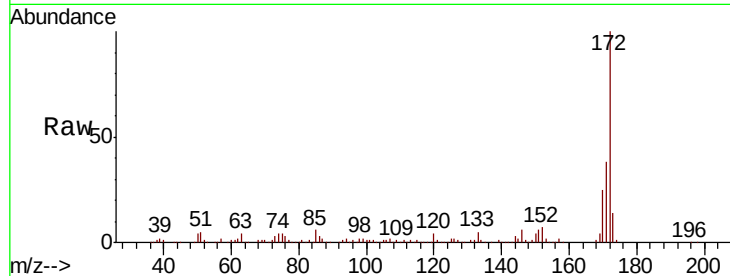




#45
 2-Fluorobiphenyl
 Concen: 88.033 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

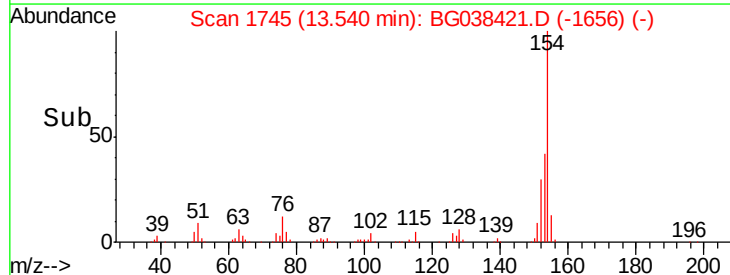
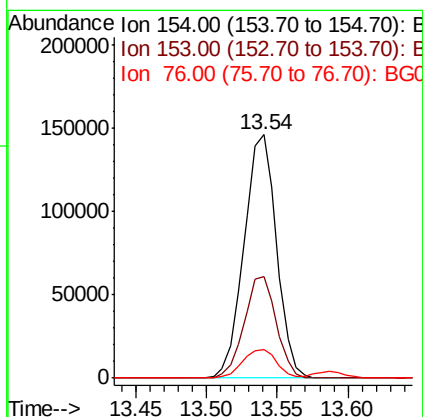
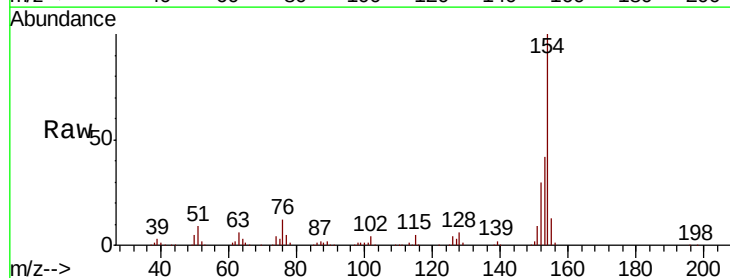
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

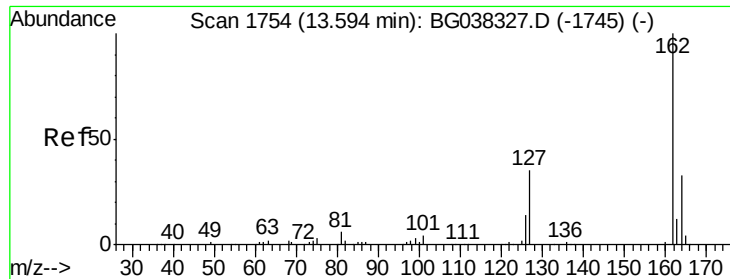
Tgt Ion:172 Resp: 432745
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 24.7 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 39.805 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion:154 Resp: 235680
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.1 62.1
 76 11.6 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.117 ng

RT: 13.59 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

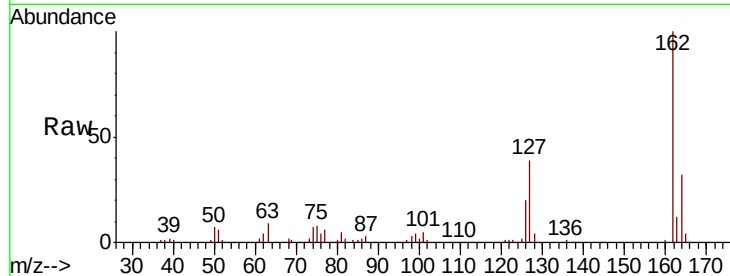
Instrument :

BNA_G

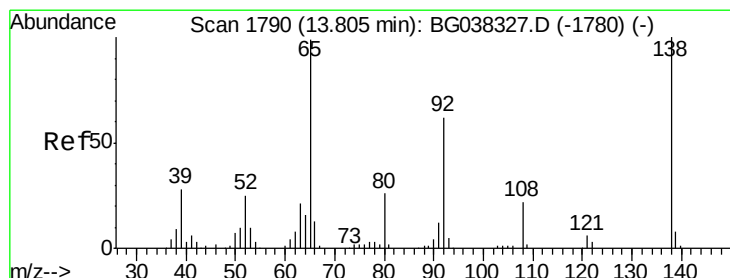
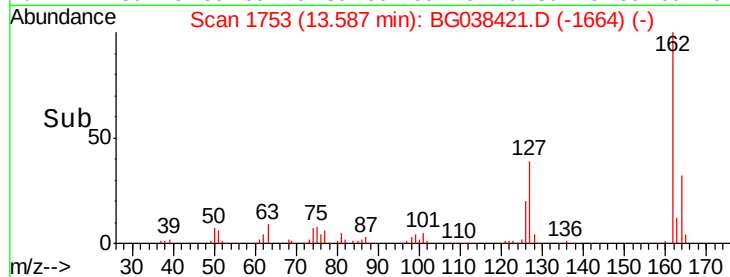
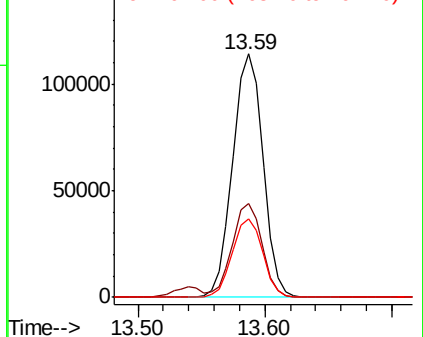
ClientSampleId :

PB115307BS

Tgt Ion:	162	Resp:	188171
Ion Ratio	Lower	Upper	
162	100		
127	38.7	30.5	45.7
164	32.0	26.4	39.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.679 ng

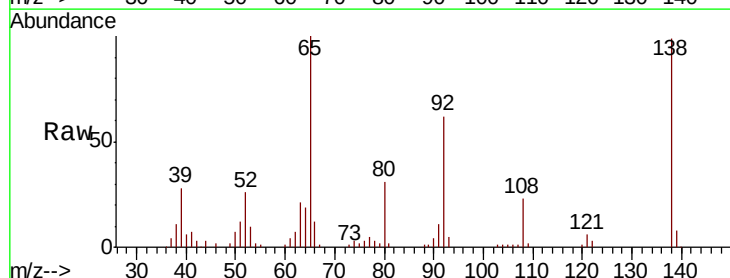
RT: 13.80 min Scan# 1789

Delta R.T. -0.01 min

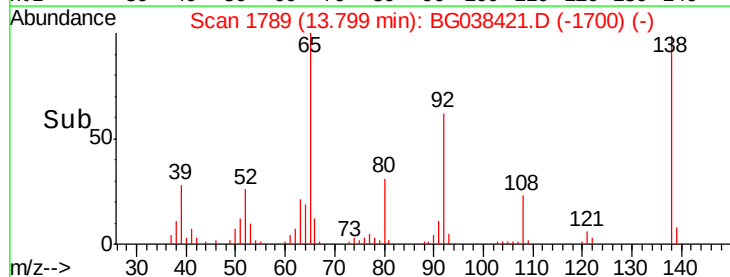
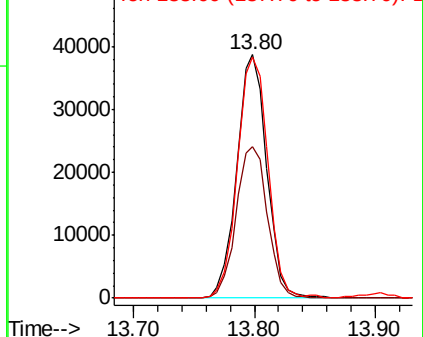
Lab File: BG038421.D

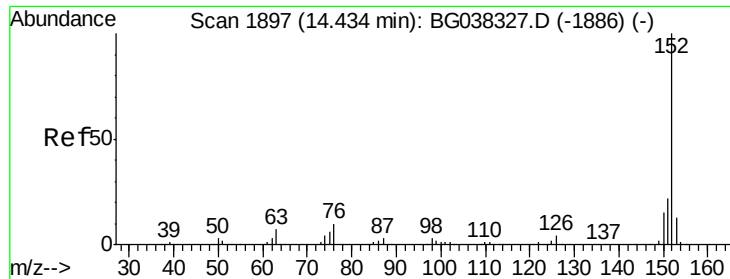
Acq: 8 Dec 2018 2:41

Tgt Ion:	65	Resp:	66971
Ion Ratio	Lower	Upper	
65	100		
92	62.0	53.2	79.8
138	99.2	79.3	118.9



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): E





#49

Acenaphthylene

Concen: 46.865 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

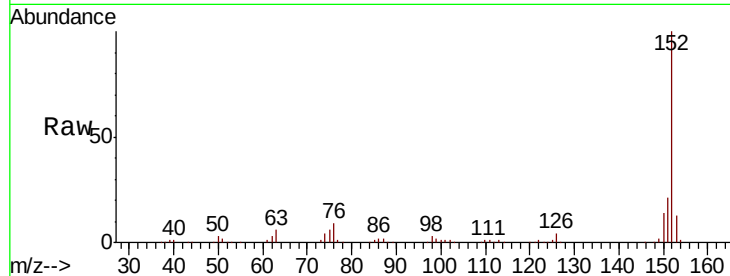
Tgt Ion:152 Resp: 315348

Ion Ratio Lower Upper

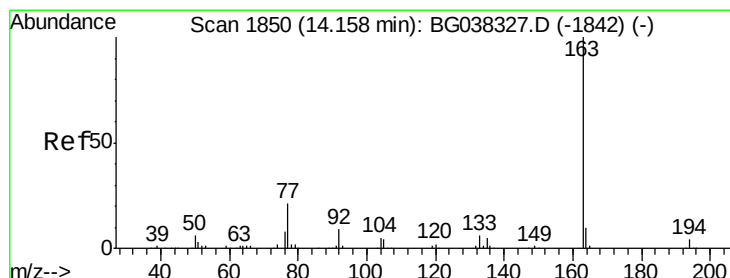
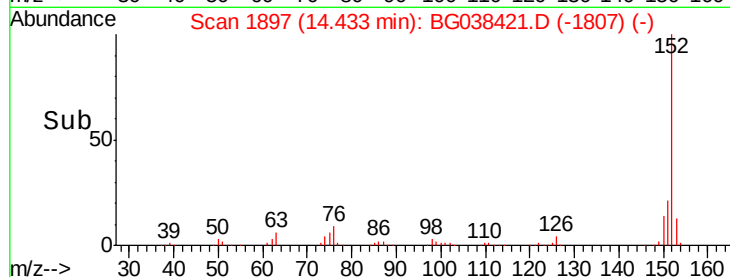
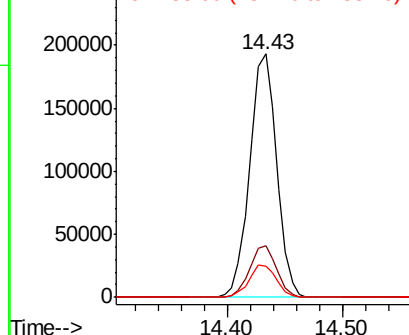
152 100

151 21.0 17.1 25.7

153 12.8 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.959 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

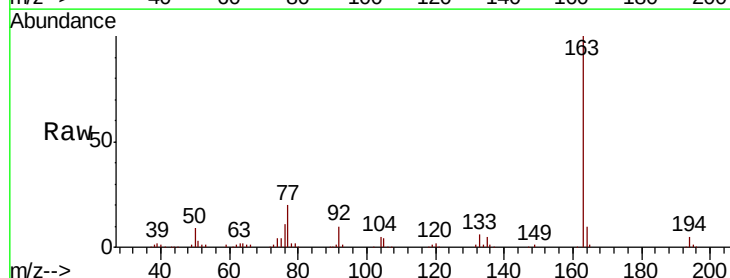
Tgt Ion:163 Resp: 263824

Ion Ratio Lower Upper

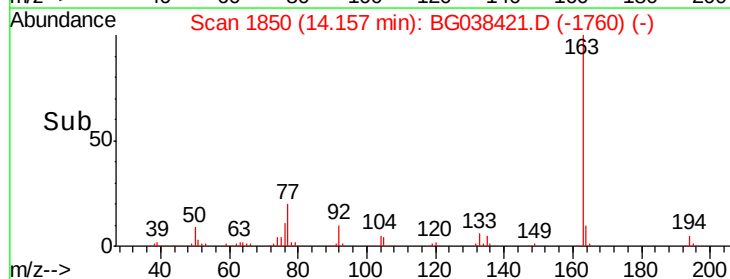
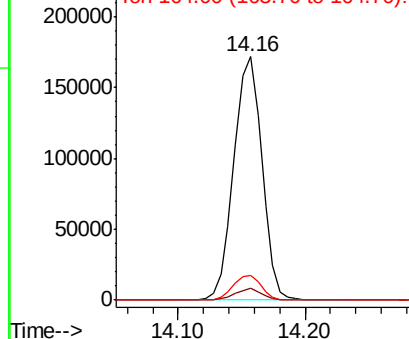
163 100

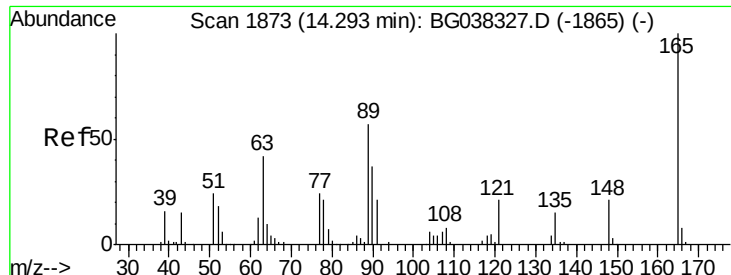
194 4.8 3.5 5.3

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

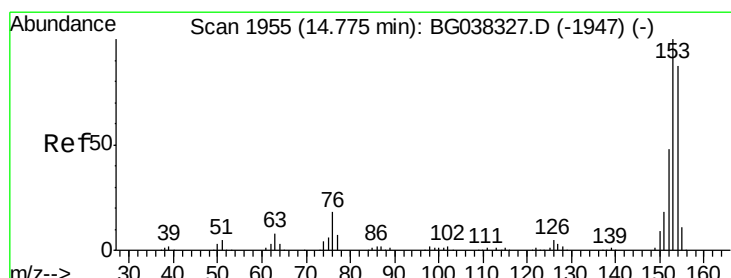
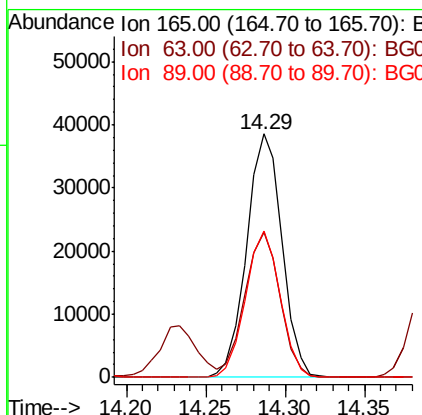
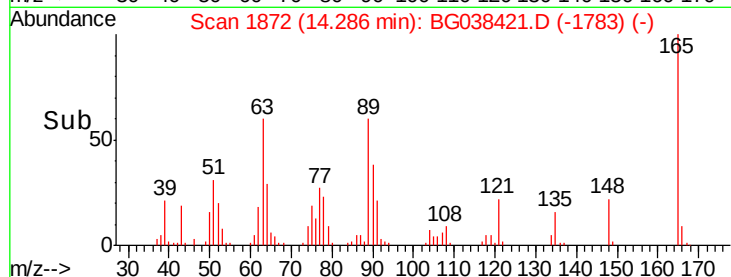
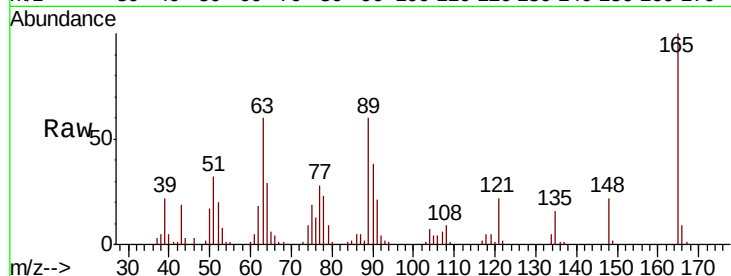




#51
 2,6-Dinitrotoluene
 Concen: 46.487 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

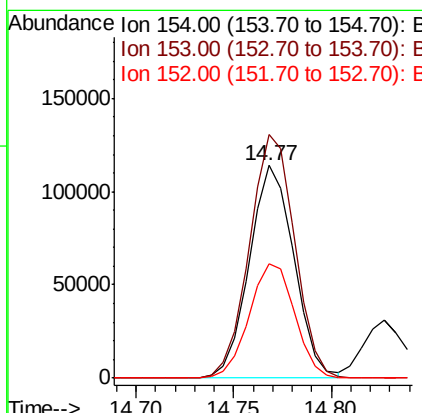
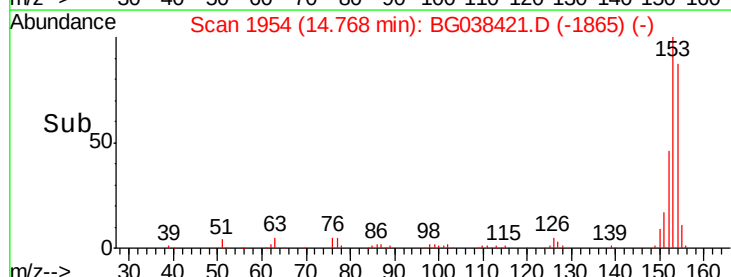
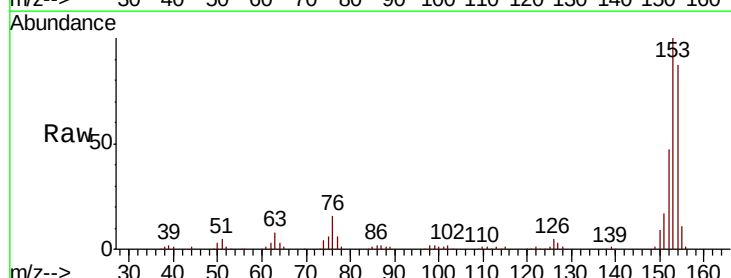
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

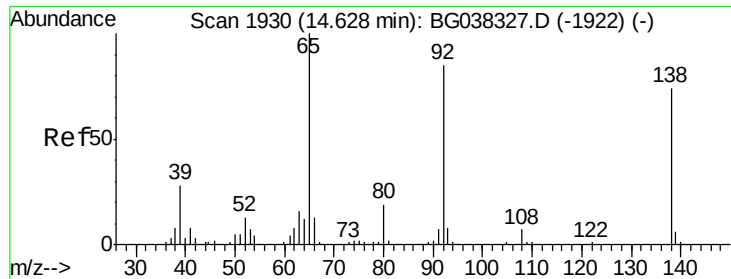
Tgt Ion:165 Resp: 59660
 Ion Ratio Lower Upper
 165 100
 63 59.8 43.4 65.2
 89 59.9 45.8 68.6



#52
 Acenaphthene
 Concen: 44.018 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion:154 Resp: 180568
 Ion Ratio Lower Upper
 154 100
 153 114.6 93.4 140.0
 152 53.7 44.7 67.1





#53

3-Nitroaniline

Concen: 22.267 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

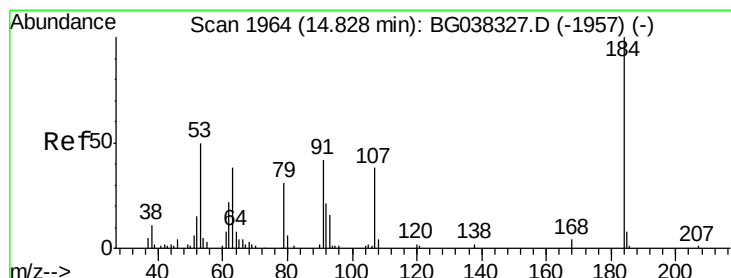
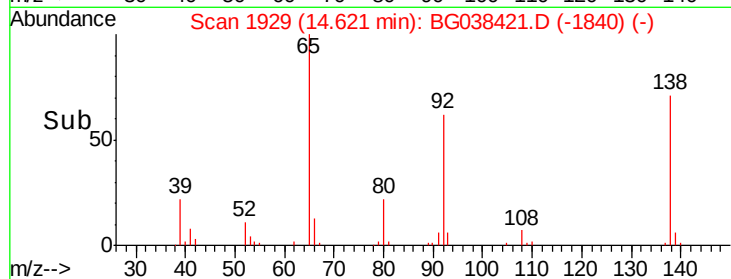
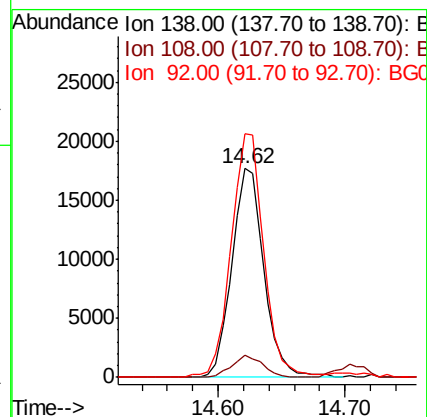
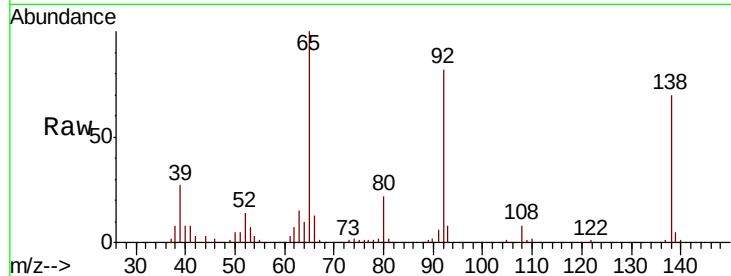
Tgt Ion:138 Resp: 30777

Ion Ratio Lower Upper

138 100

108 10.9 11.0 16.6#

92 116.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 107.161 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

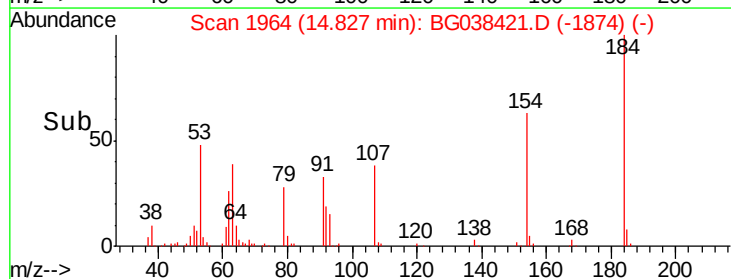
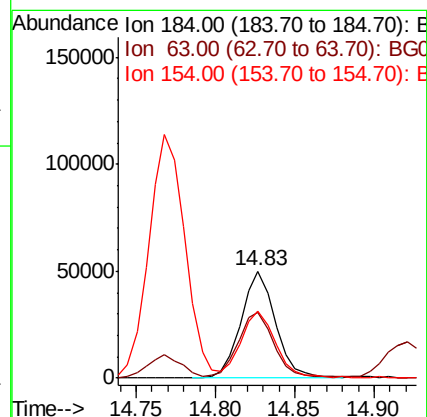
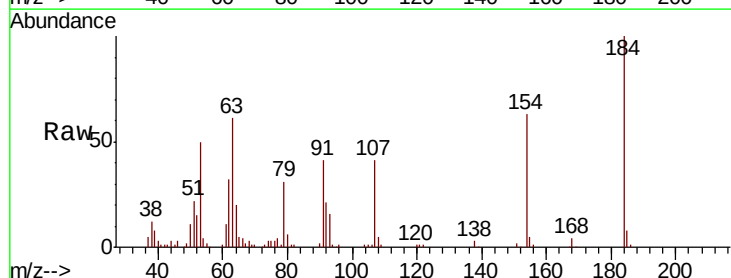
Tgt Ion:184 Resp: 75389

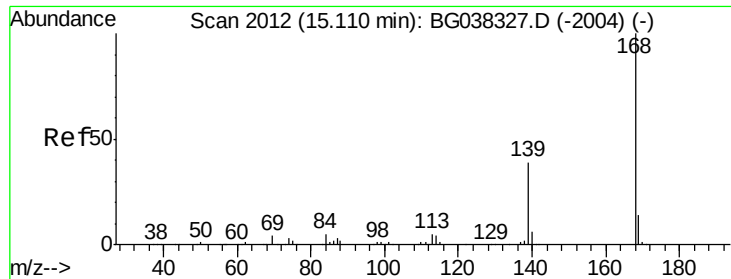
Ion Ratio Lower Upper

184 100

63 61.5 42.6 63.8

154 62.6 41.8 62.6

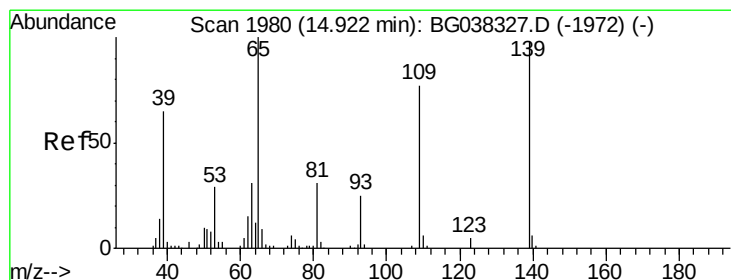
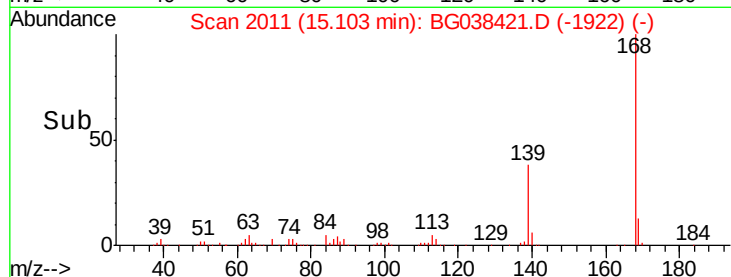
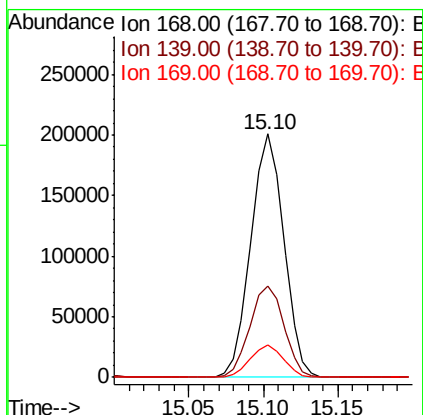
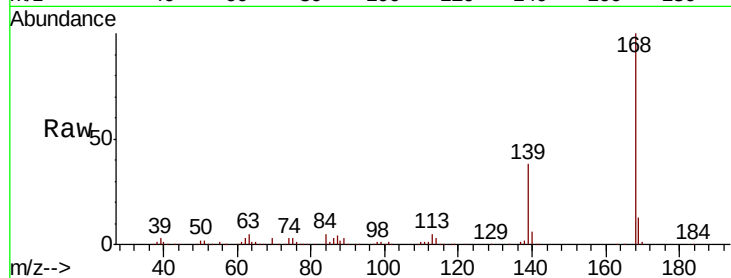




#55
Dibenzenofuran
Concen: 45.388 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

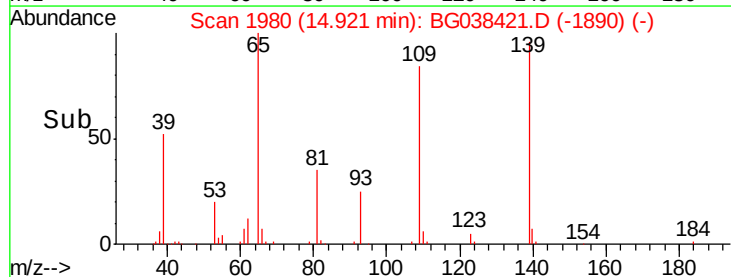
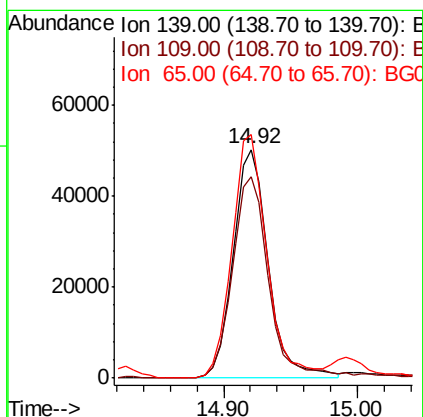
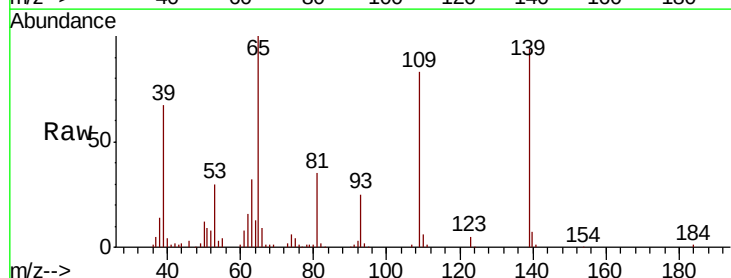
Instrument :
BNA_G
ClientSampleId :
PB115307BS

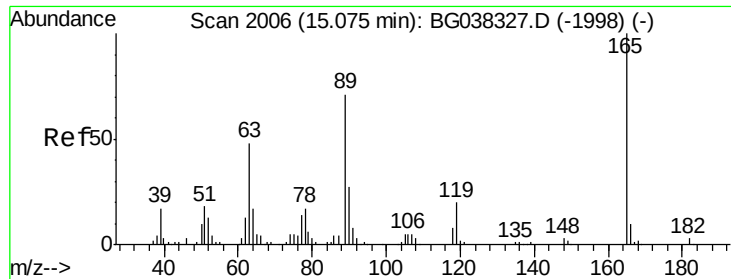
Tgt Ion:168 Resp: 307804
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.0
169 13.2 11.0 16.6



#56
4-Nitrophenol
Concen: 83.666 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:139 Resp: 91350
Ion Ratio Lower Upper
139 100
109 88.1 49.5 89.5
65 106.5 76.8 116.8

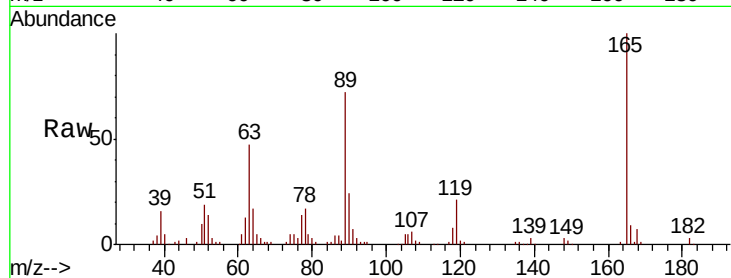




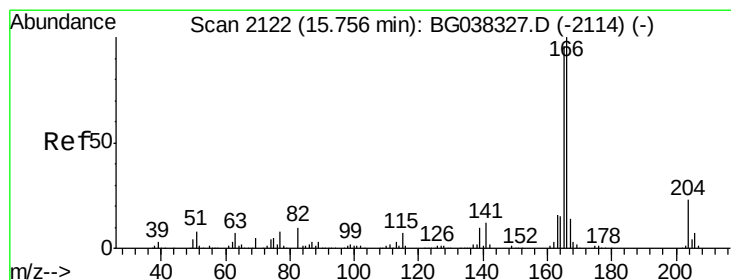
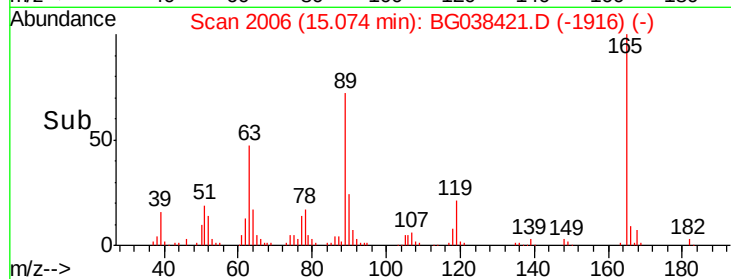
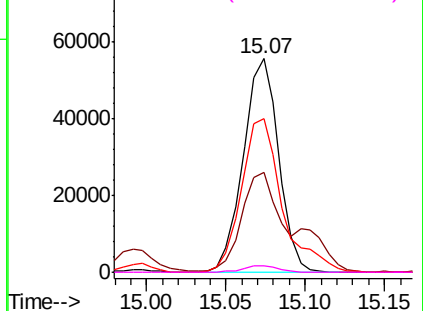
#57
2,4-Dinitrotoluene
Concen: 48.515 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion:	165	Resp:	85875
Ion	Ratio	Lower	Upper
165	100		
63	47.0	33.4	50.0
89	71.8	57.2	85.8
182	3.1	2.6	4.0

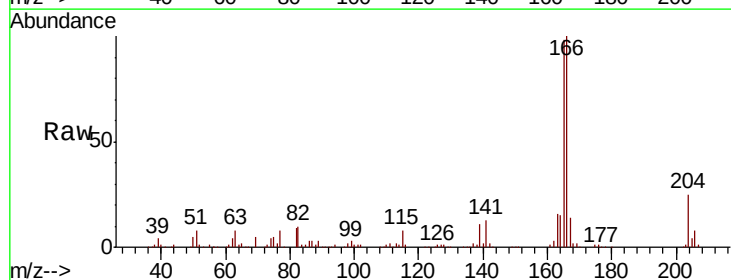


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

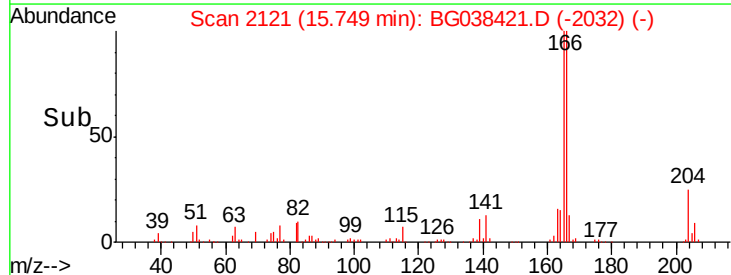
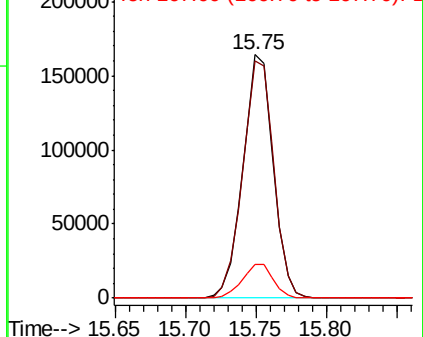


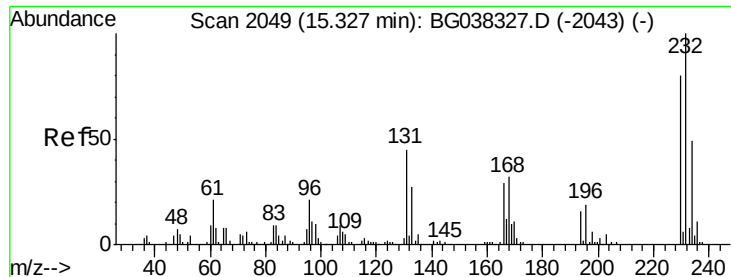
#58
Fluorene
Concen: 49.439 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:	166	Resp:	247015
Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.6
167	13.8	11.3	16.9



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

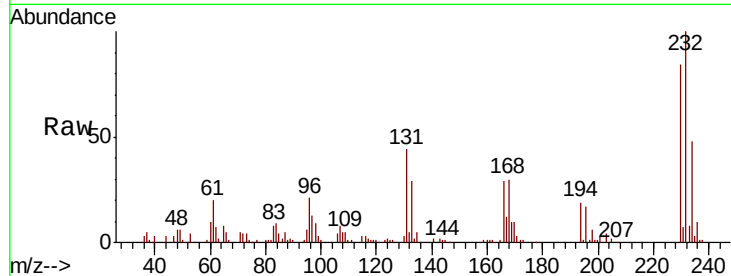




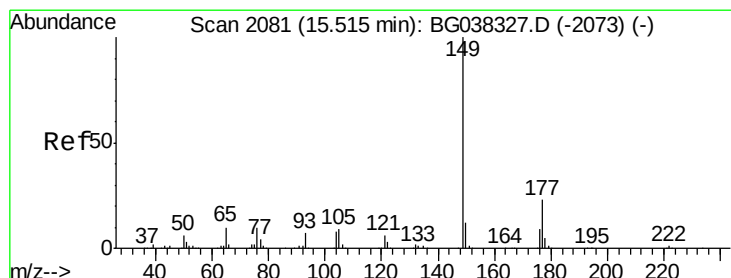
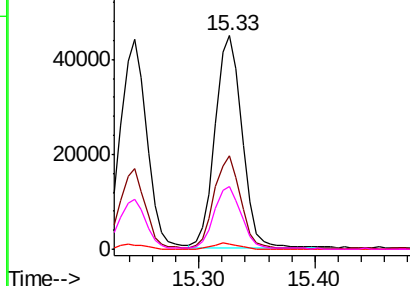
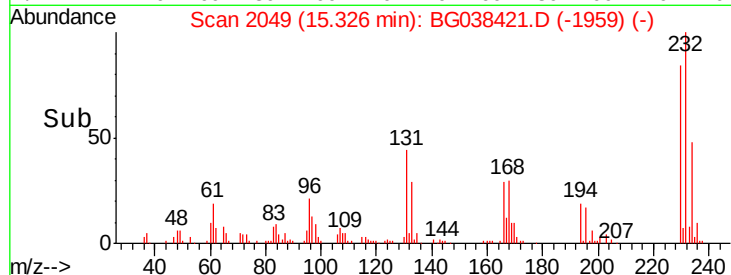
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.667 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

Tgt Ion: 232 Resp: 72786
 Ion Ratio Lower Upper
 232 100
 131 44.3 33.7 50.5
 130 2.7 2.1 3.1
 166 30.3 24.6 36.8

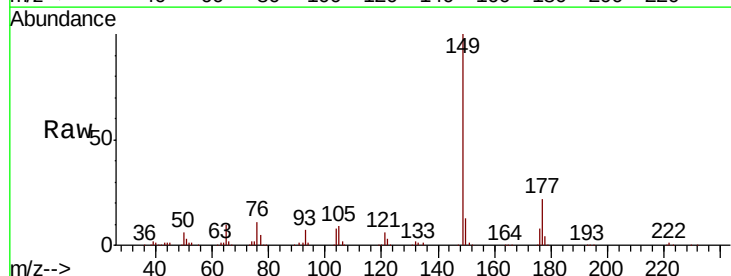


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

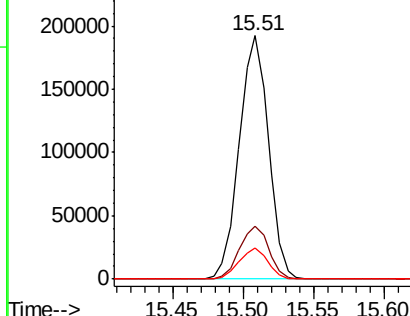
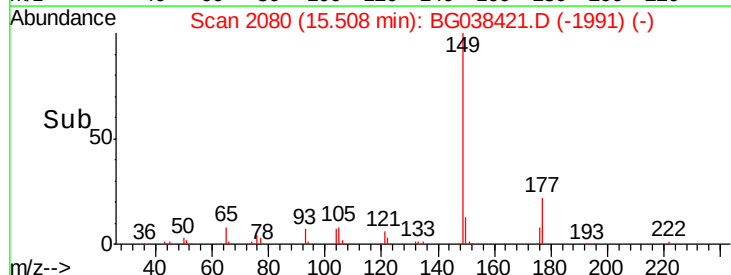


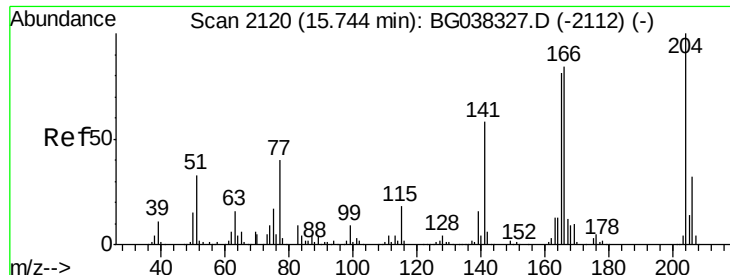
#60
 Diethylphthalate
 Concen: 44.594 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion: 149 Resp: 277567
 Ion Ratio Lower Upper
 149 100
 177 21.7 18.3 27.5
 150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

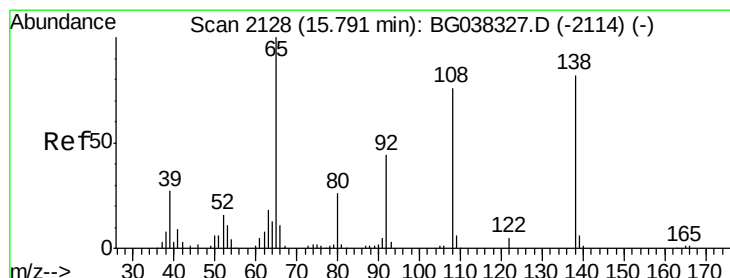
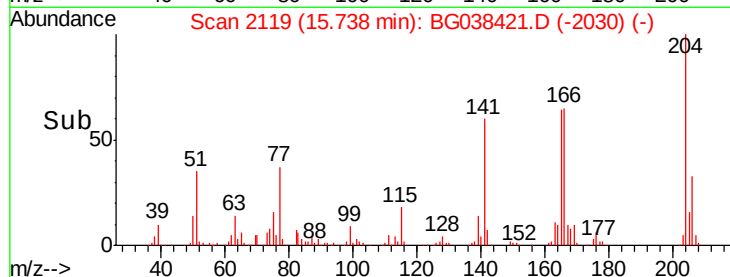
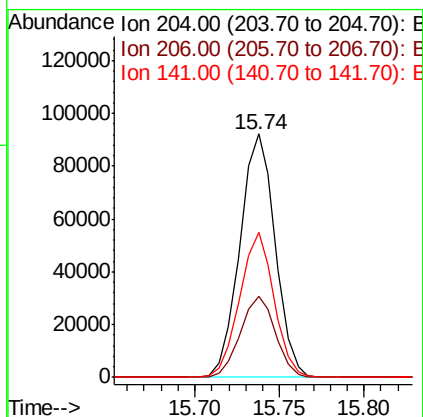
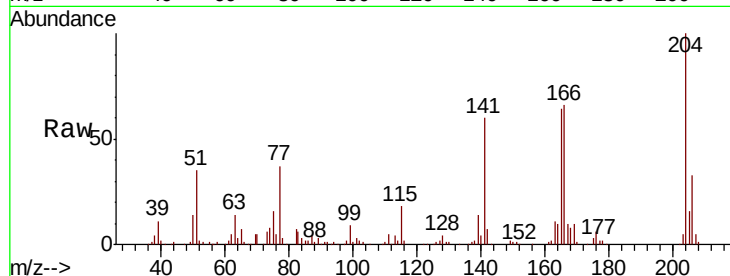




#61
 4-Chlorophenyl-phenylether
 Concen: 44.663 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

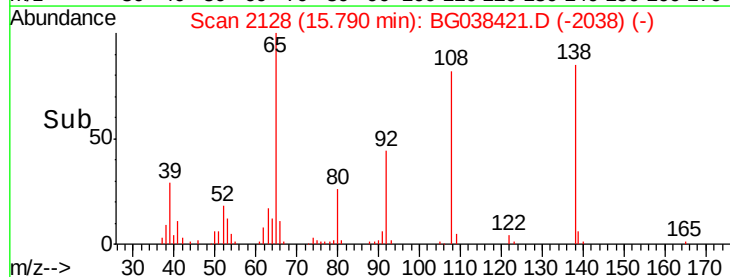
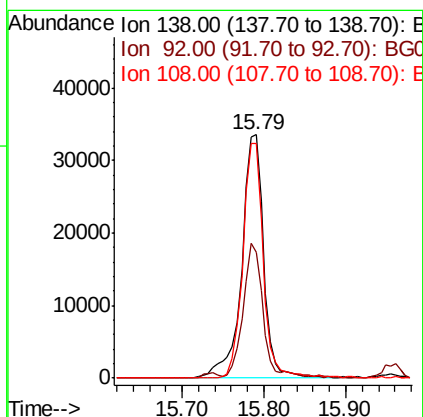
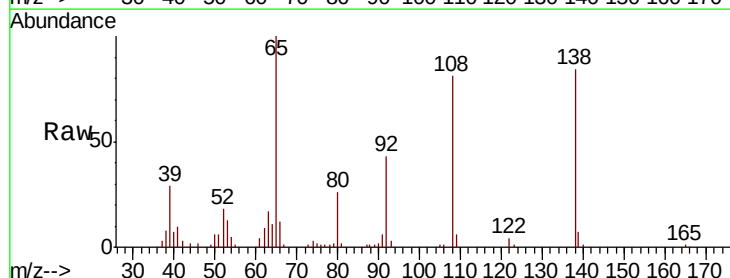
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

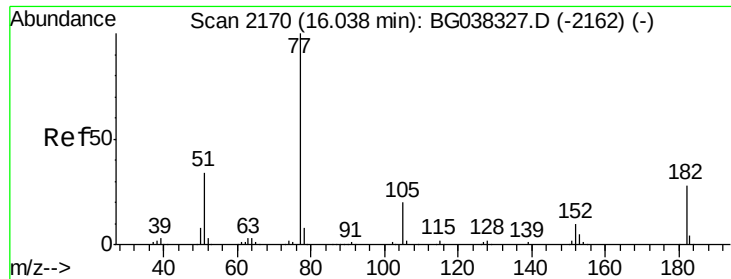
Tgt Ion: 204 Resp: 134035
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.6 39.8
 141 59.5 45.4 68.2



#62
 4-Nitroaniline
 Concen: 46.342 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion: 138 Resp: 62999
 Ion Ratio Lower Upper
 138 100
 92 51.8 36.4 76.4
 108 96.6 60.1 100.1





#63

Azobenzene

Concen: 44.191 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

Tgt Ion: 77 Resp: 240724

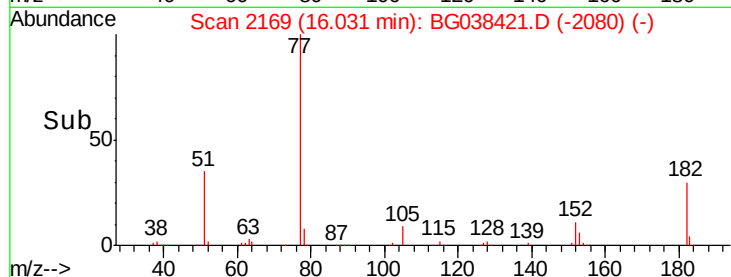
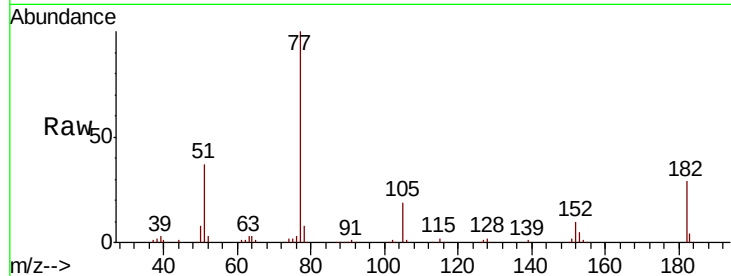
Ion Ratio Lower Upper

77 100

182 28.7 8.0 48.0

105 19.2 1.3 41.3

51 36.5 10.7 50.7

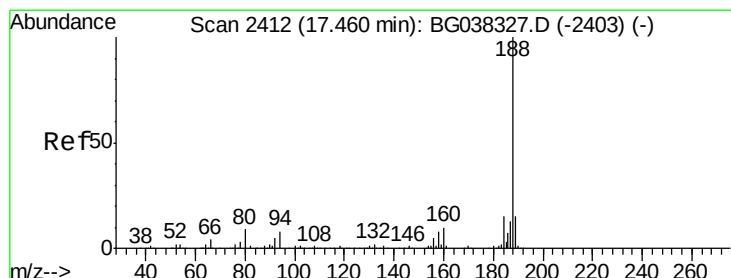
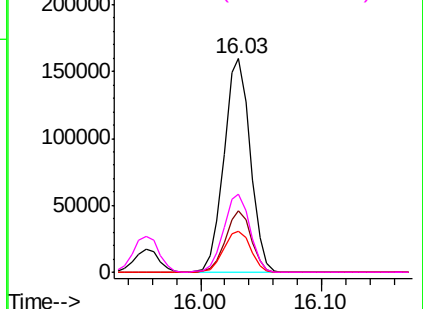


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

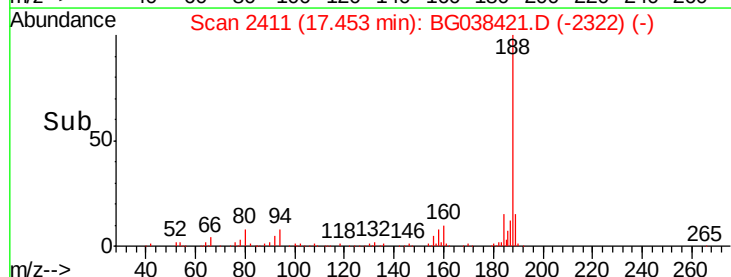
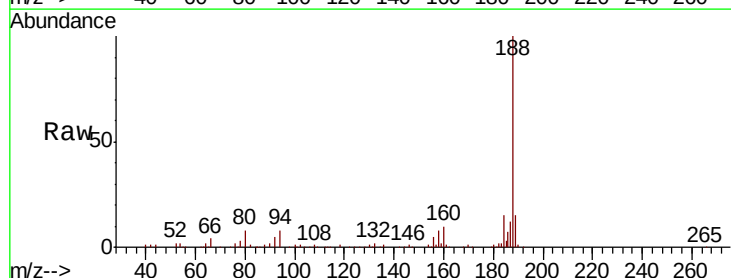
Tgt Ion: 188 Resp: 174668

Ion Ratio Lower Upper

188 100

94 7.5 7.2 10.8

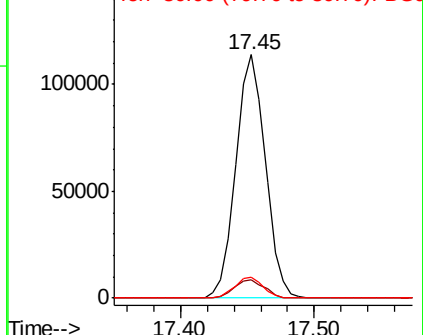
80 8.4 7.7 11.5

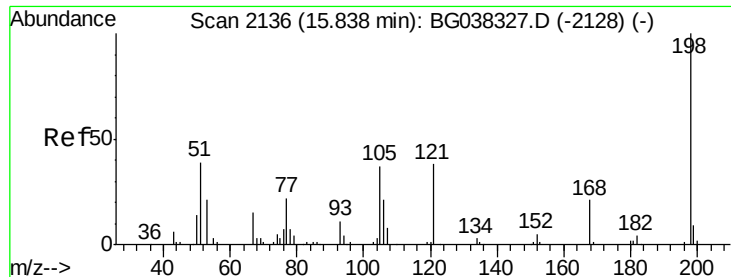


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

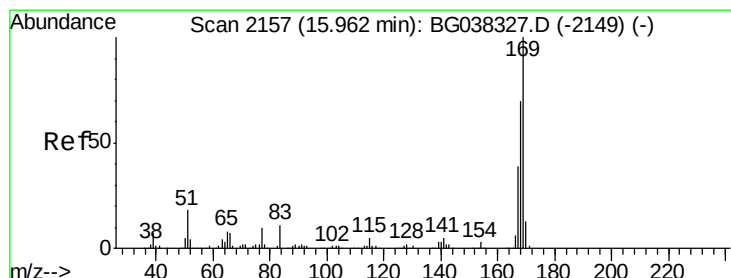
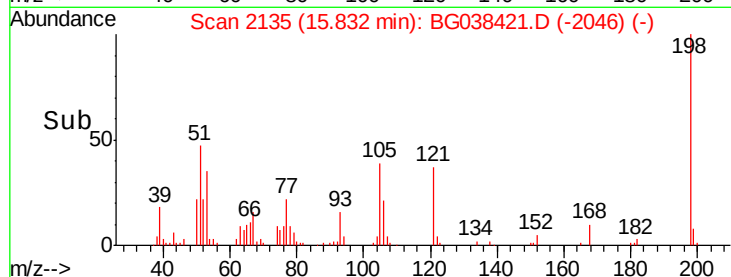
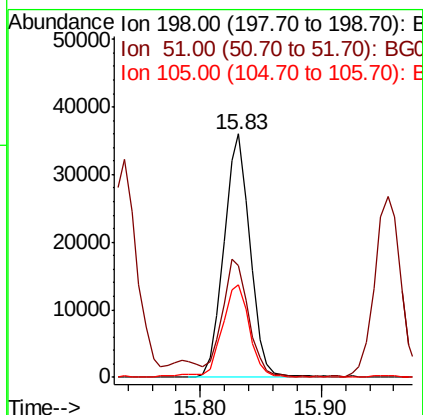
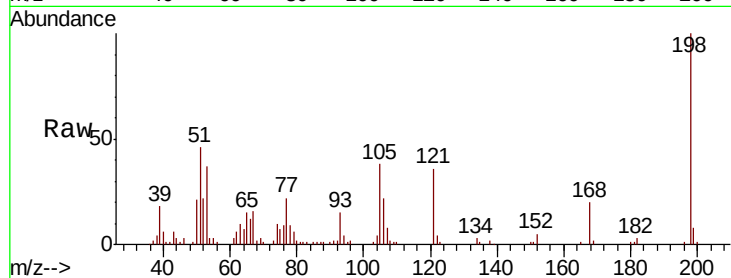




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.057 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

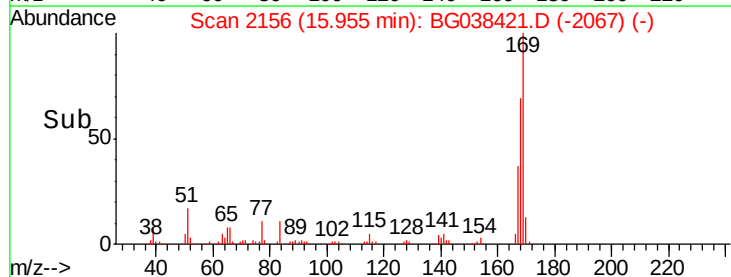
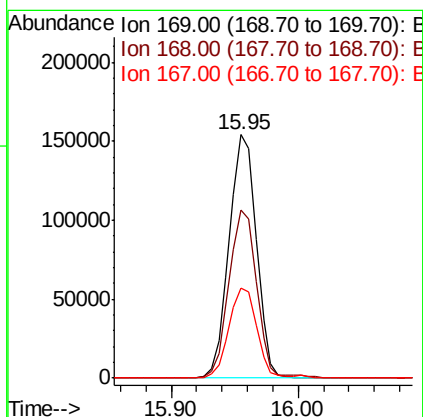
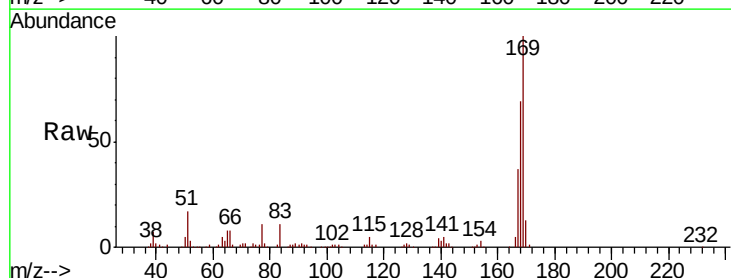
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

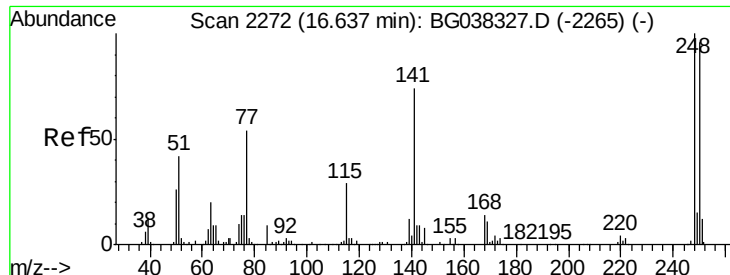
Tgt Ion:198 Resp: 53854
 Ion Ratio Lower Upper
 198 100
 51 46.0 22.7 62.7
 105 38.0 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 46.692 ng
 RT: 15.95 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion:169 Resp: 229338
 Ion Ratio Lower Upper
 169 100
 168 69.3 55.7 83.5
 167 37.2 31.3 46.9

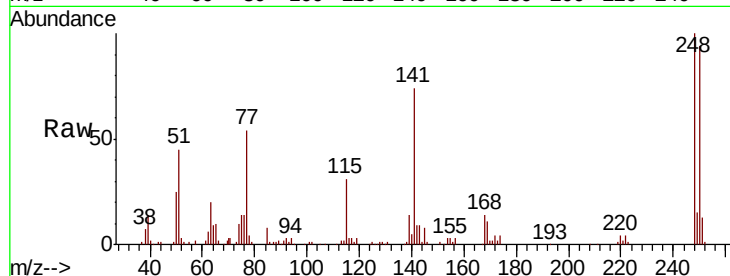




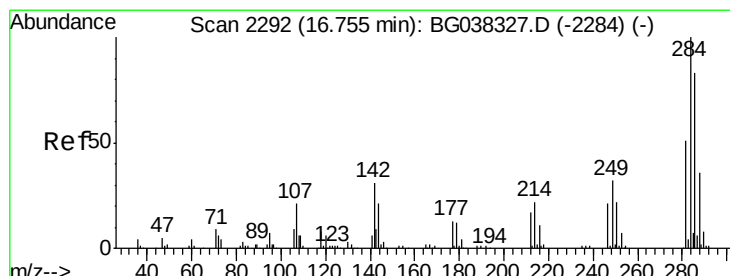
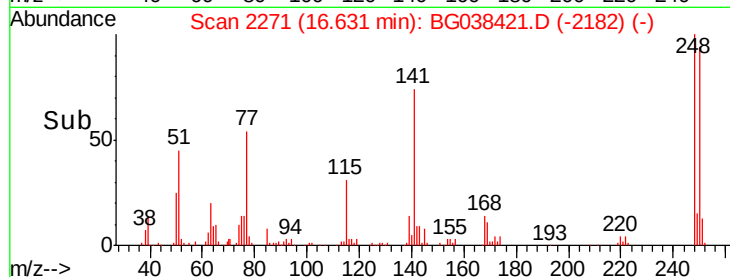
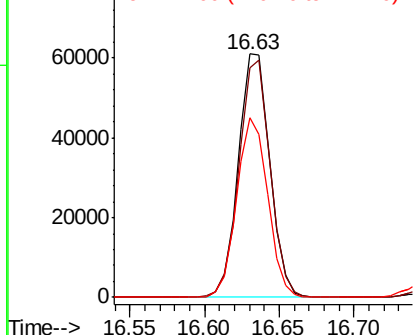
#67
4-Bromophenyl-phenylether
Concen: 47.398 ng
RT: 16.63 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion:248 Resp: 89404
Ion Ratio Lower Upper
248 100
250 94.5 77.0 115.6
141 73.6 55.5 83.3

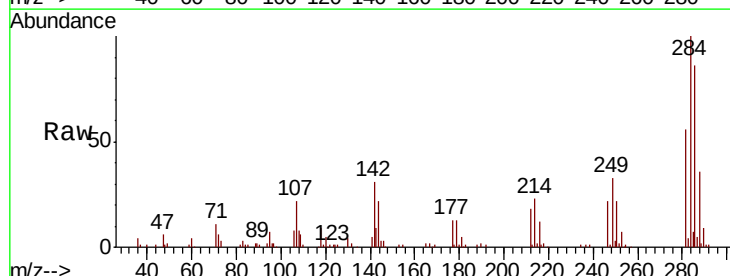


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

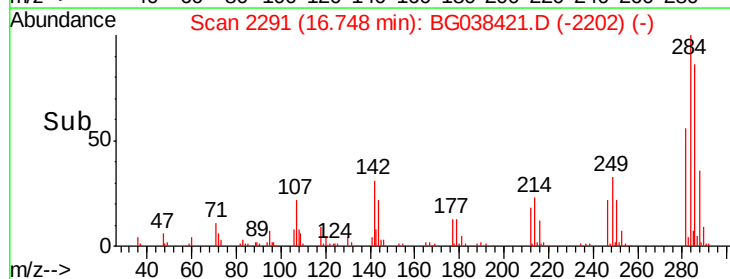
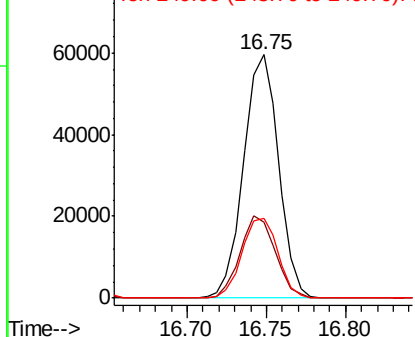


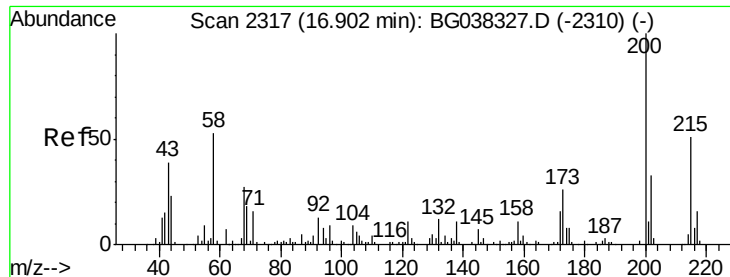
#68
Hexachlorobenzene
Concen: 46.968 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:284 Resp: 91380
Ion Ratio Lower Upper
284 100
142 31.1 28.1 42.1
249 35.3 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.128 ng

RT: 16.89 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

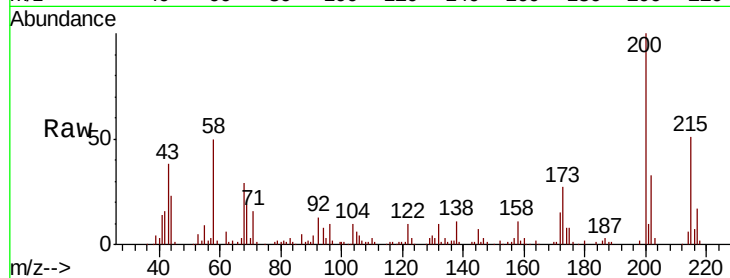
Tgt Ion:200 Resp: 91873

Ion Ratio Lower Upper

200 100

173 26.9 6.1 46.1

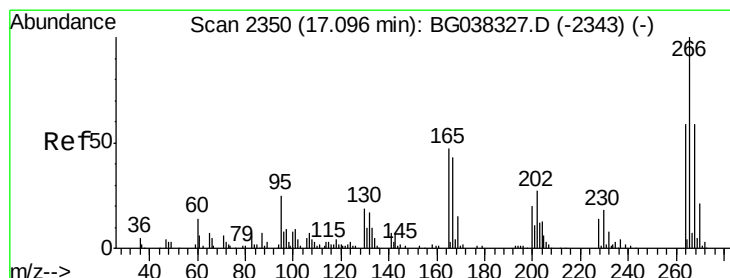
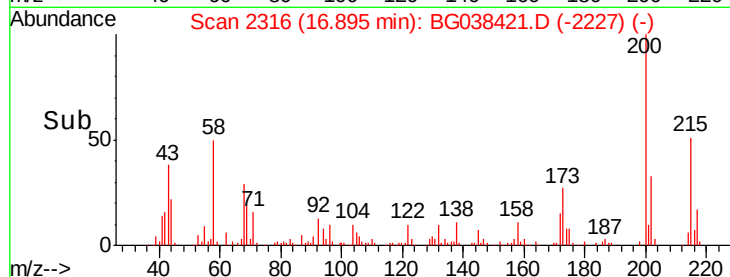
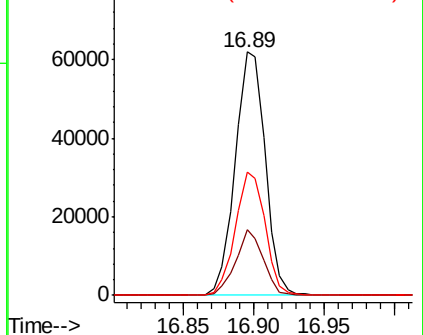
215 50.9 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 83.110 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

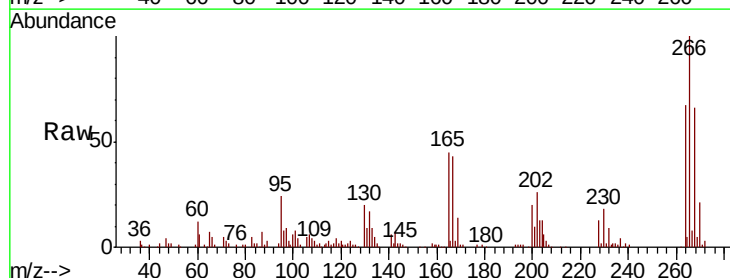
Tgt Ion:266 Resp: 110752

Ion Ratio Lower Upper

266 100

268 70.5 55.0 82.6

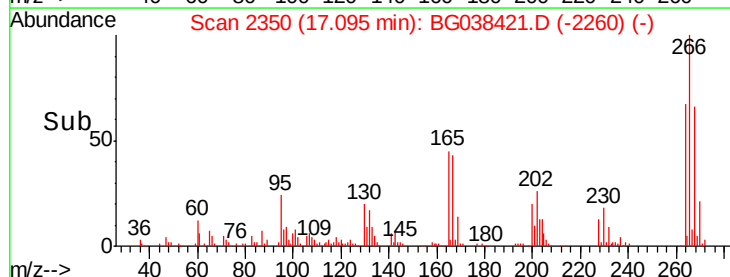
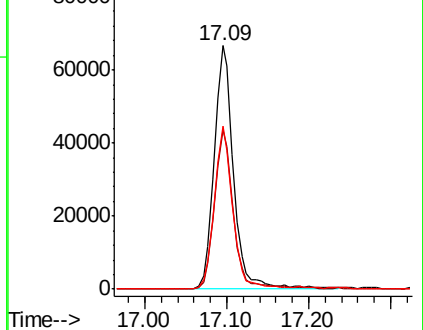
264 71.6 58.9 88.3

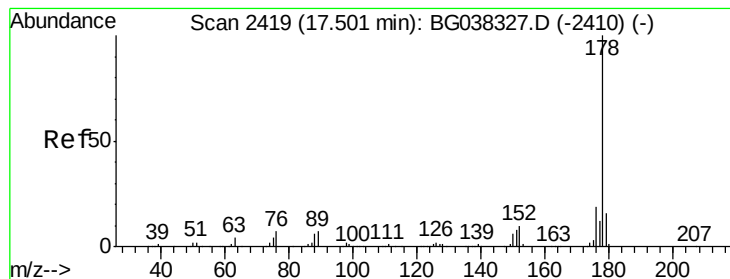


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.366 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

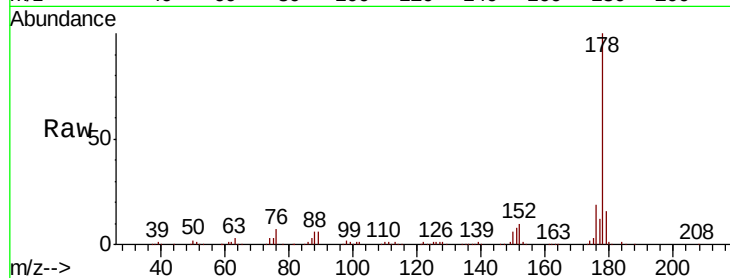
Tgt Ion:178 Resp: 431820

Ion Ratio Lower Upper

178 100

176 19.1 16.1 24.1

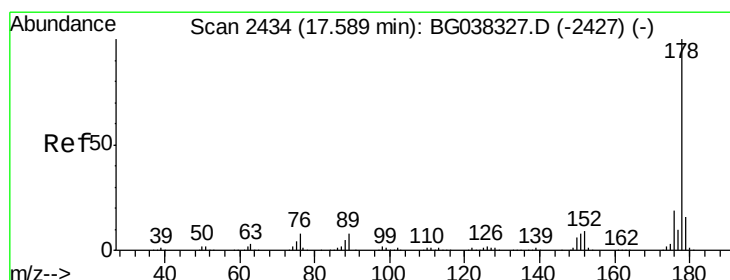
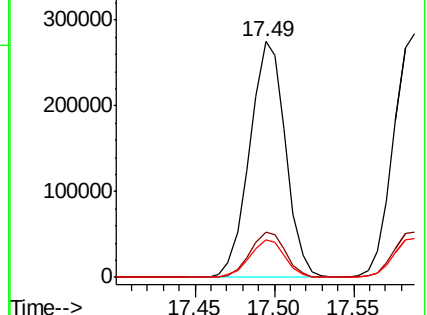
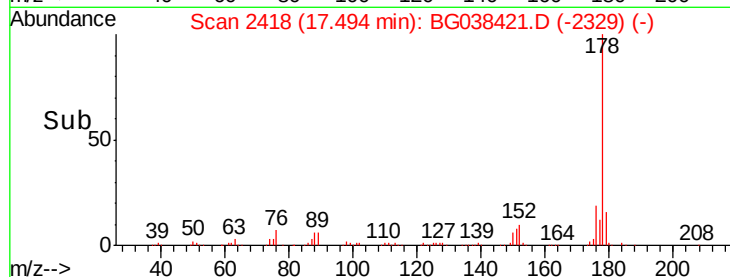
179 16.0 13.0 19.4



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: 52.143 ng

RT: 17.59 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

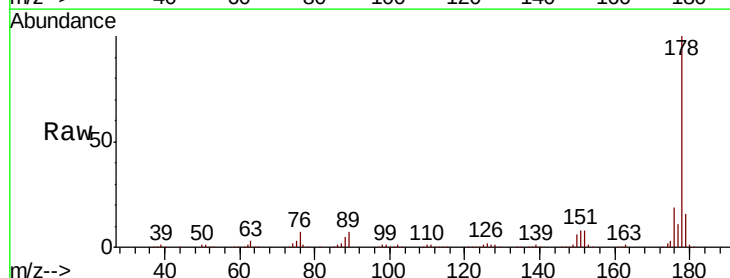
Tgt Ion:178 Resp: 441698

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

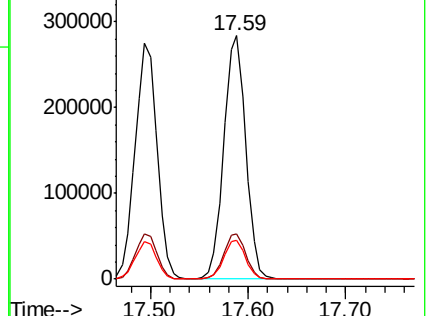
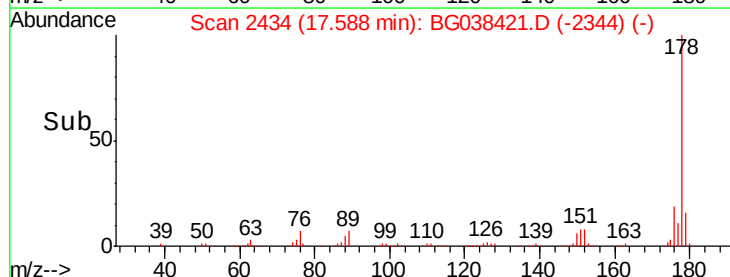
179 15.9 12.8 19.2

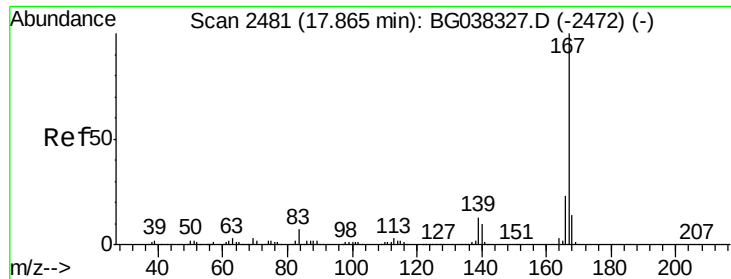


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

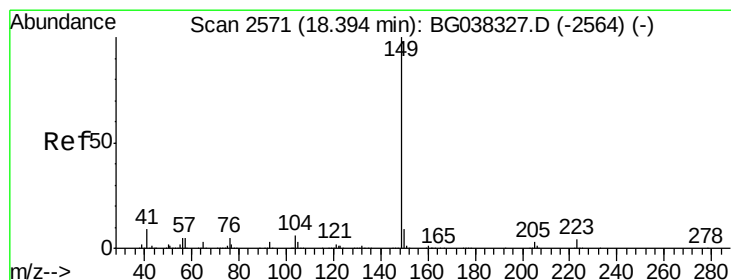
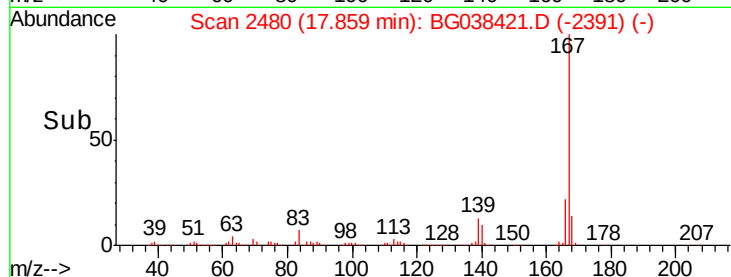
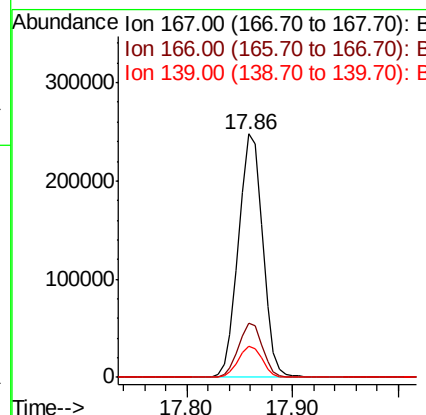
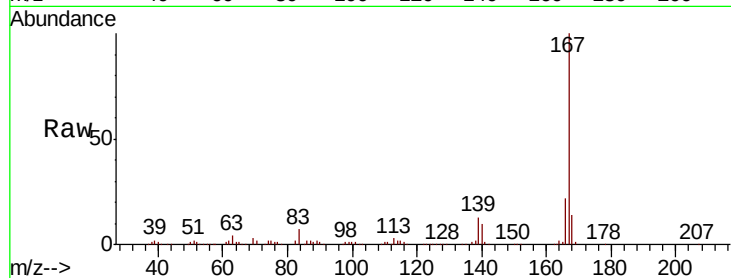




#73
 Carbazole
 Concen: 46.804 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

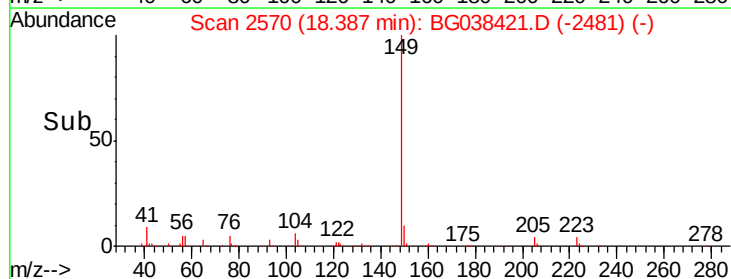
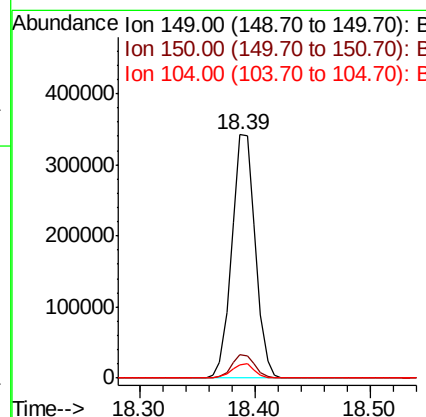
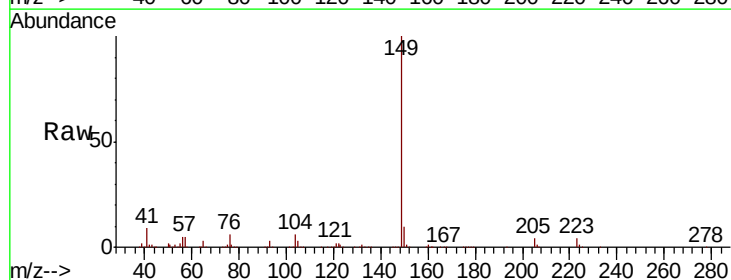
Instrument :
 BNA_G
 ClientSampleId :
 PB115307BS

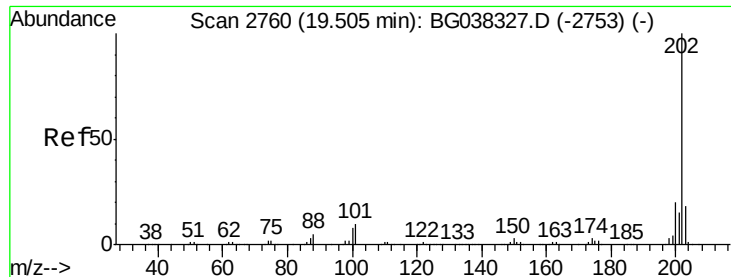
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 48.690 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG038421.D
 Acq: 8 Dec 2018 2:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	5.6	4.0	6.0

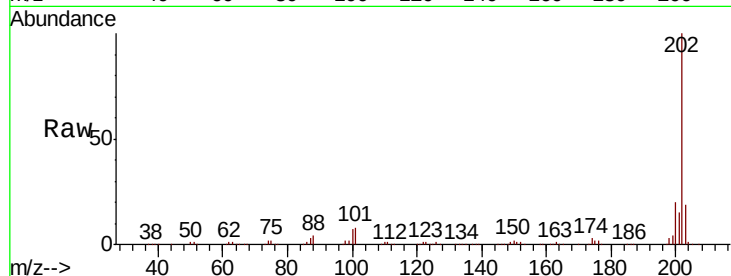




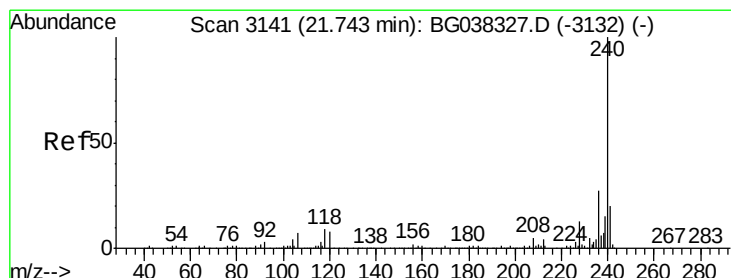
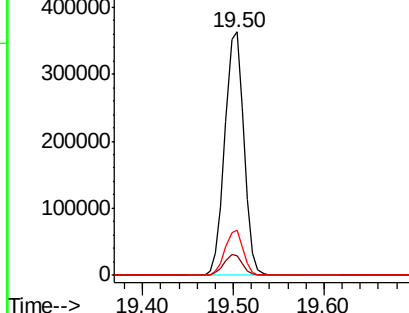
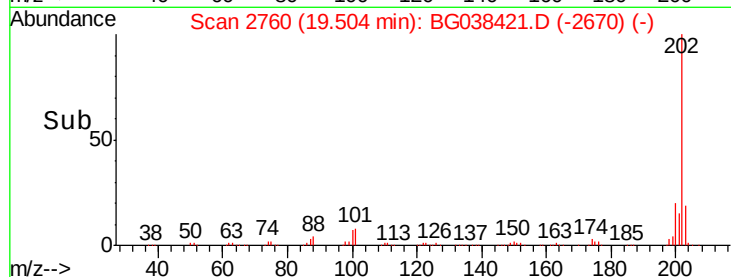
#75
Fluoranthene
Concen: 51.851 ng
RT: 19.50 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	529913		
101	7.9		0.0	30.7
203	18.6		0.0	38.5

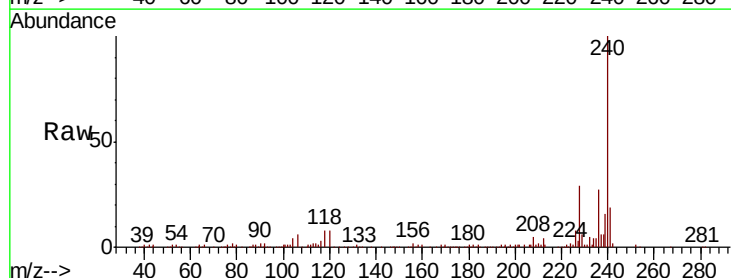


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

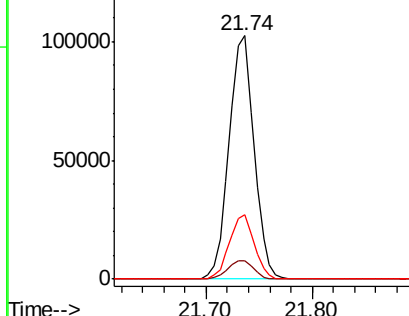
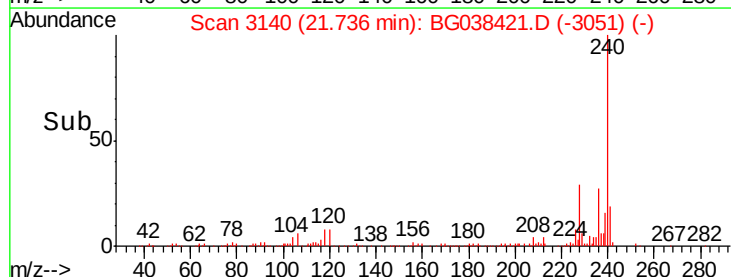


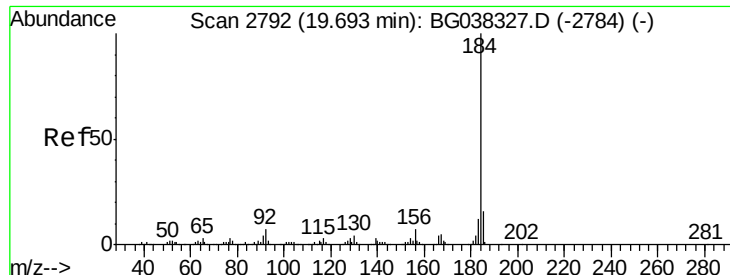
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	167455		
120	7.7		8.1	12.1#
236	26.6		21.4	32.0



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

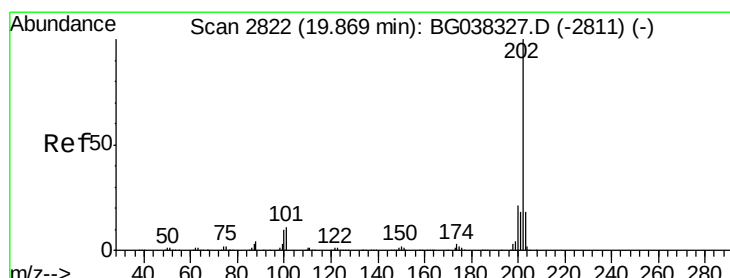
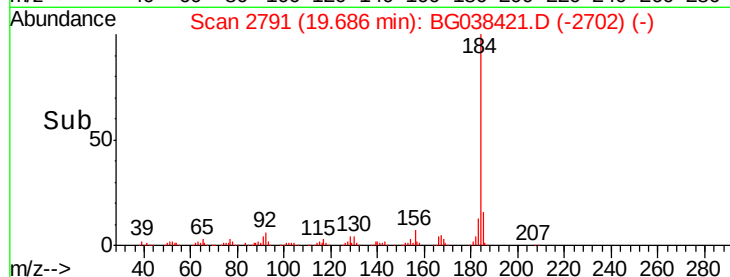
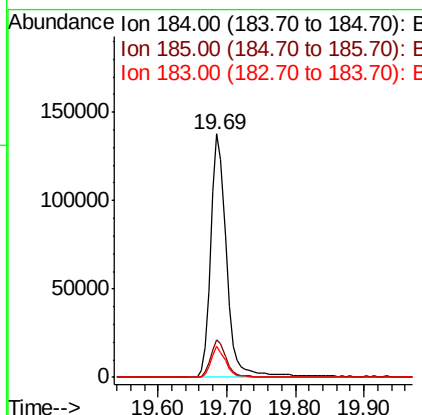
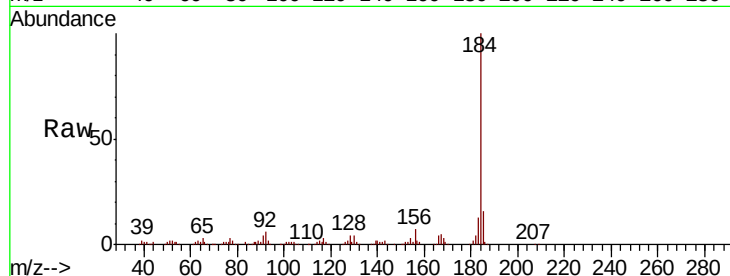




#77
Benzidine
Concen: 39.239 ng
RT: 19.69 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

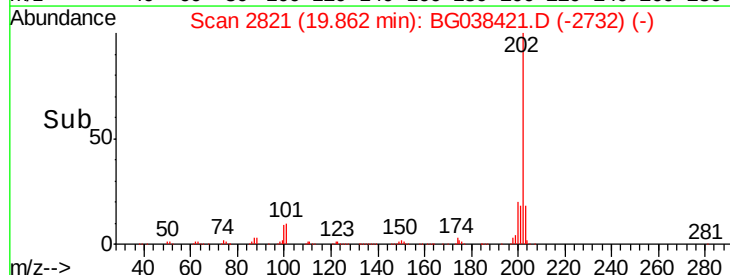
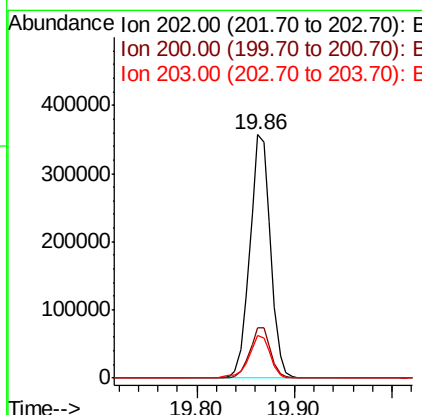
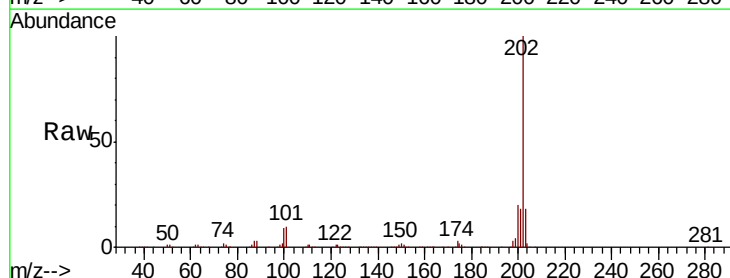
Instrument :
BNA_G
ClientSampleId :
PB115307BS

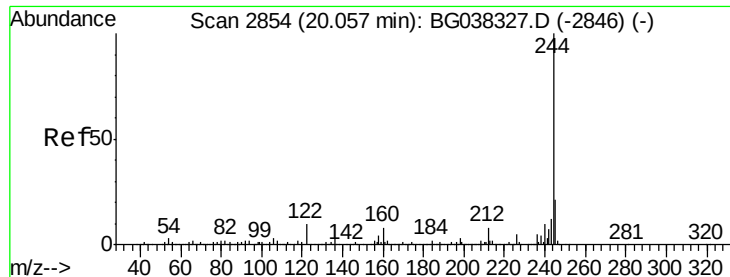
Tgt Ion:184 Resp: 221727
Ion Ratio Lower Upper
184 100
185 15.5 12.6 18.8
183 12.7 10.2 15.2



#78
Pyrene
Concen: 45.128 ng
RT: 19.86 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:202 Resp: 528741
Ion Ratio Lower Upper
202 100
200 20.4 17.8 26.6
203 17.7 15.2 22.8





#79

Terphenyl-d14

Concen: 95.696 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

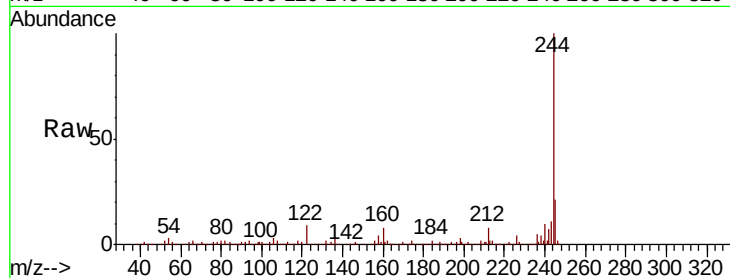
Tgt Ion:244 Resp: 748029

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

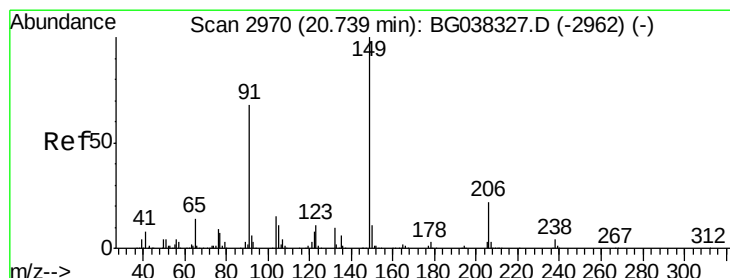
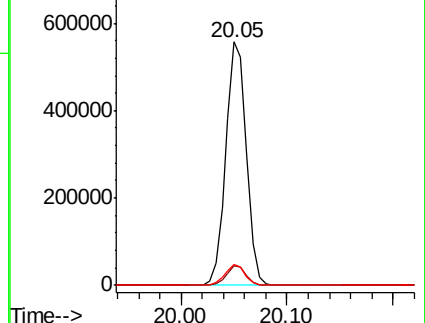
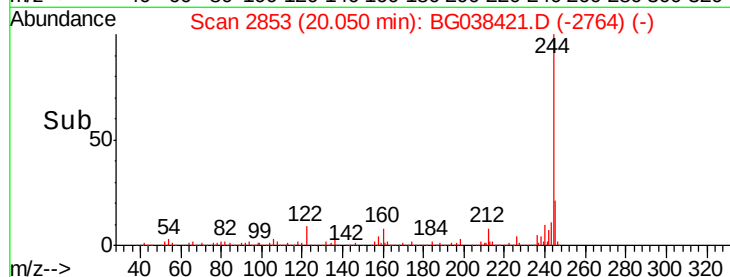
122 8.7 9.0 13.4#



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: 44.966 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

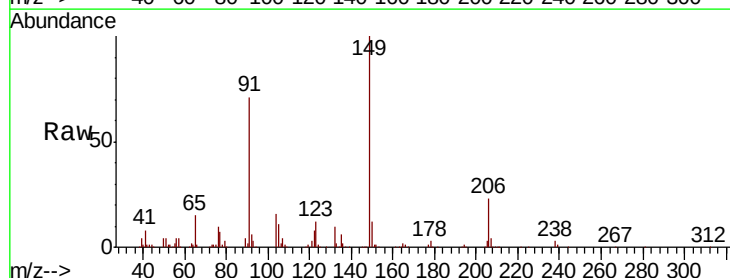
Tgt Ion:149 Resp: 211898

Ion Ratio Lower Upper

149 100

91 70.8 57.0 85.4

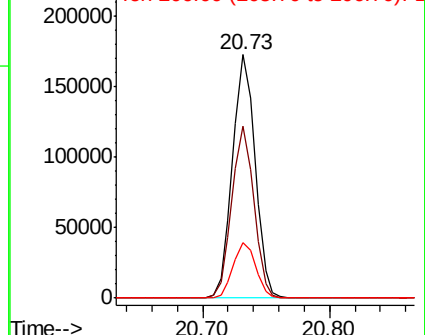
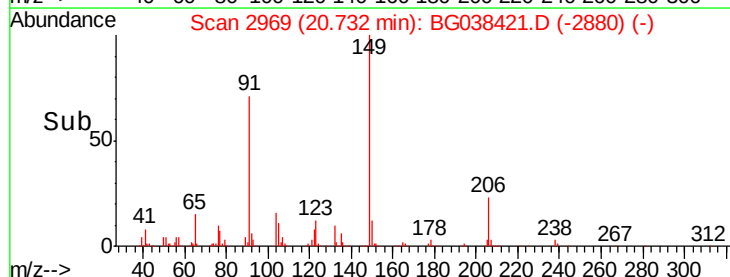
206 22.9 17.8 26.6

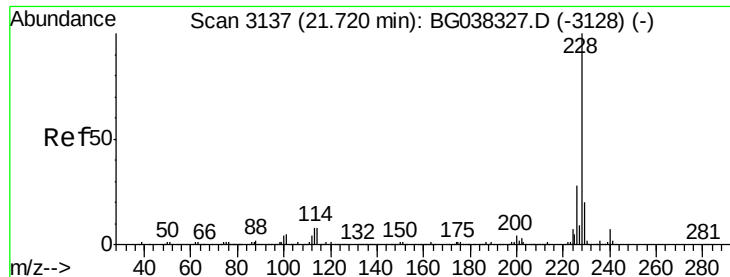


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

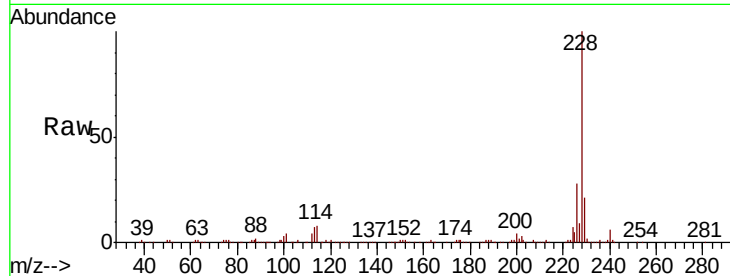




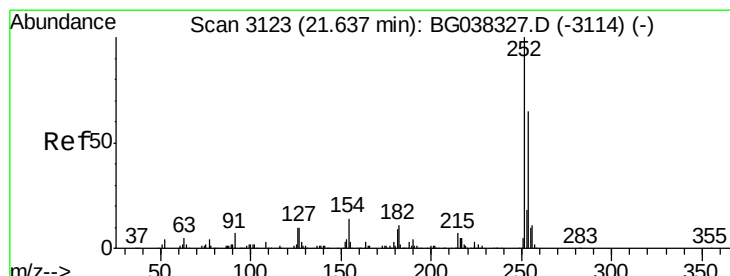
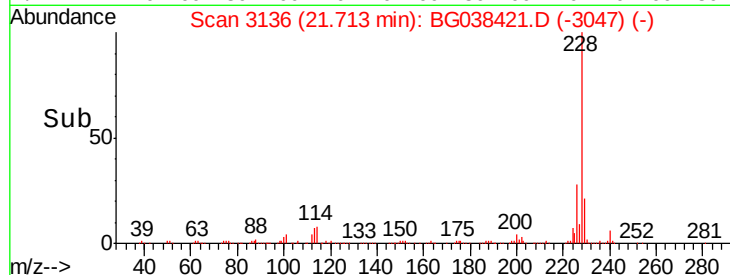
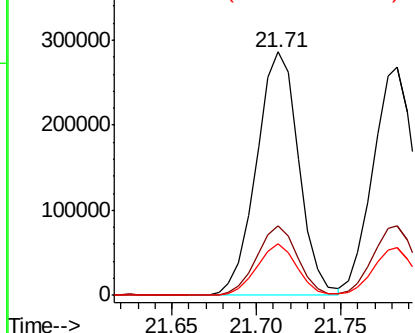
#81
Benzo(a)anthracene
Concen: 48.401 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion: 228 Resp: 498144
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 21.0 16.3 24.5

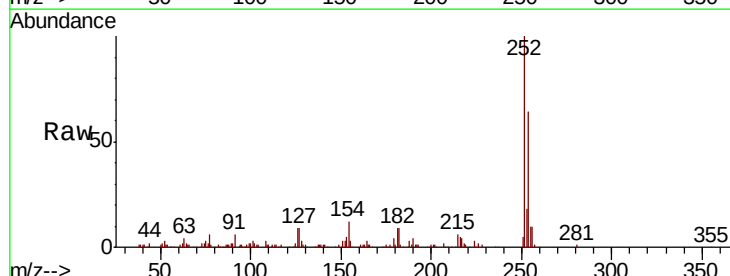


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

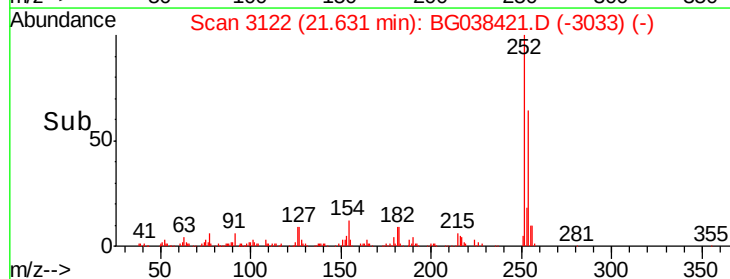
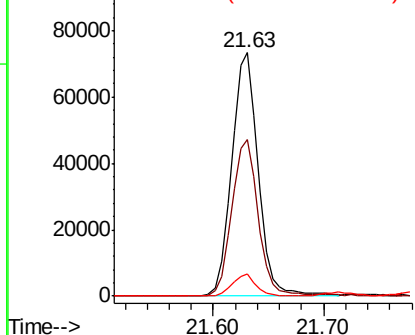


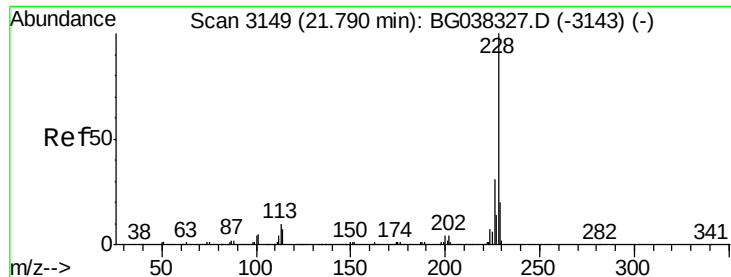
#82
3,3'-Dichlorobenzidine
Concen: 30.833 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion: 252 Resp: 123447
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 8.9 8.2 12.4



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: 47.295 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

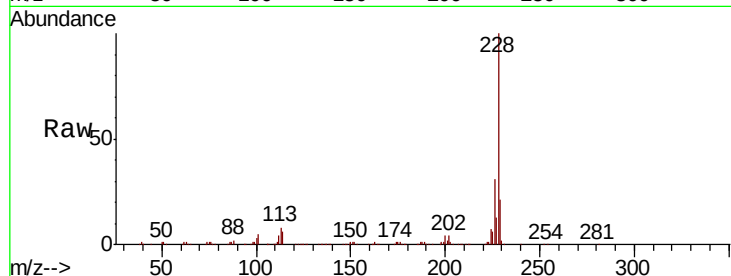
Instrument :

BNA_G

ClientSampleId :

PB115307BS

Tgt Ion:	228	Resp:	460622
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.7	38.5
229	20.9	16.5	24.7

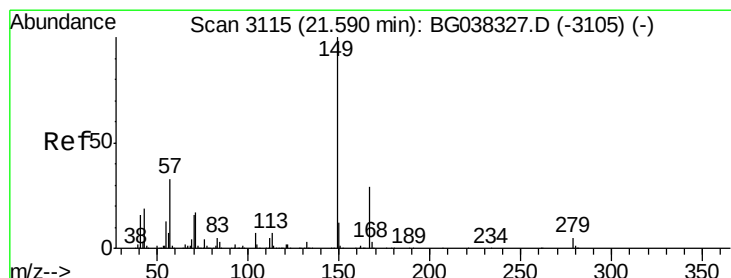
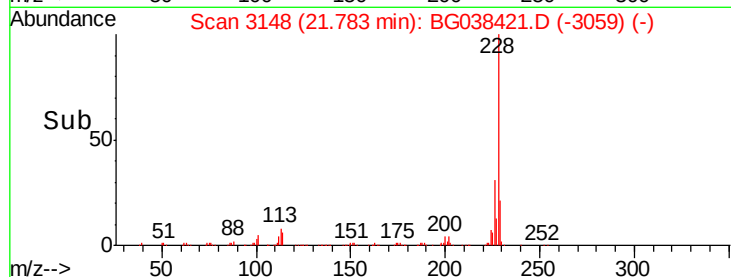
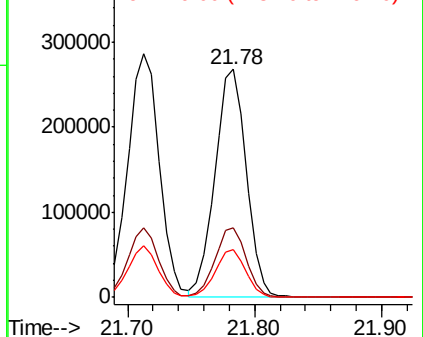


Abundance

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: 44.493 ng

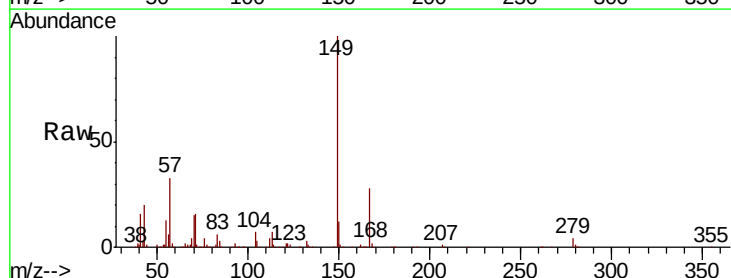
RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Tgt Ion:	149	Resp:	297179
Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	4.3	3.6	5.4

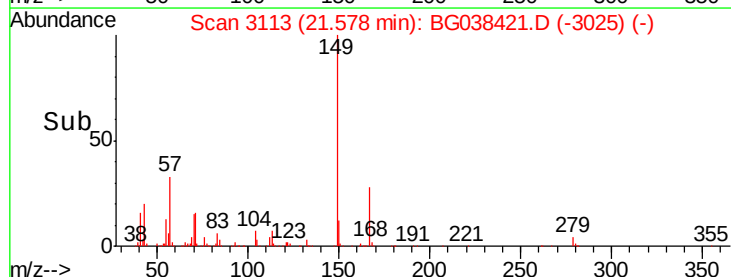
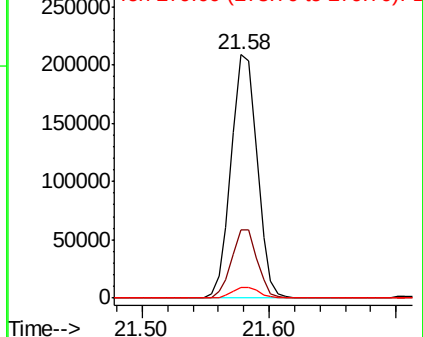


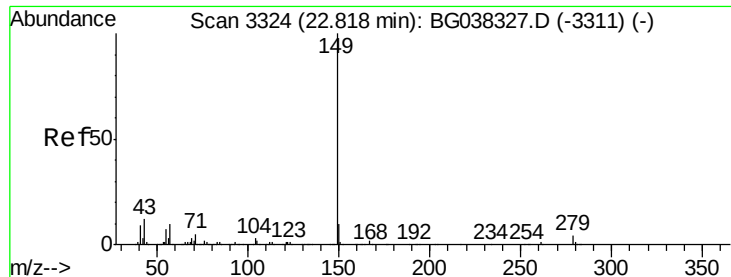
Abundance

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

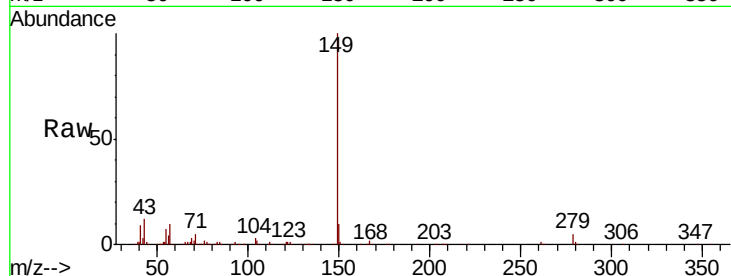




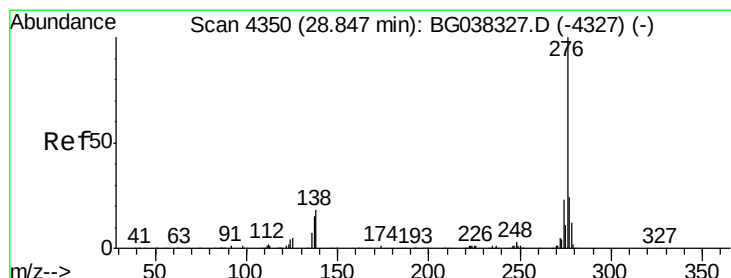
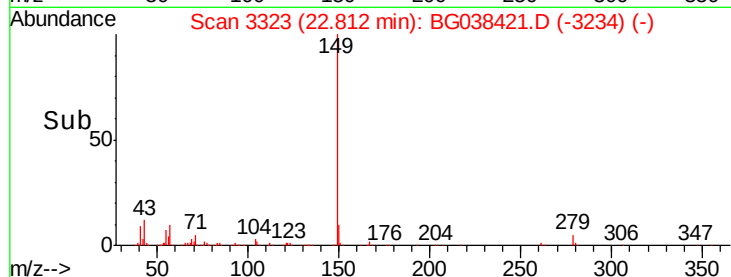
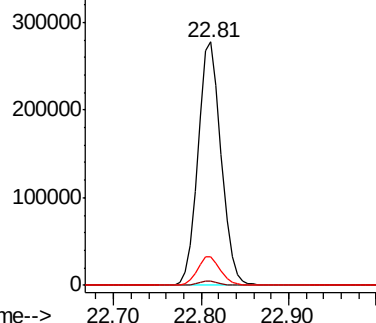
#85
Di-n-octyl phthalate
Concen: 43.801 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Instrument :
BNA_G
ClientSampleId :
PB115307BS

Tgt Ion:149 Resp: 501642
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.0 8.7 13.1

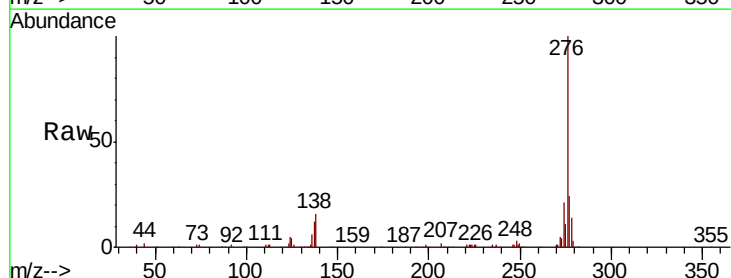


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

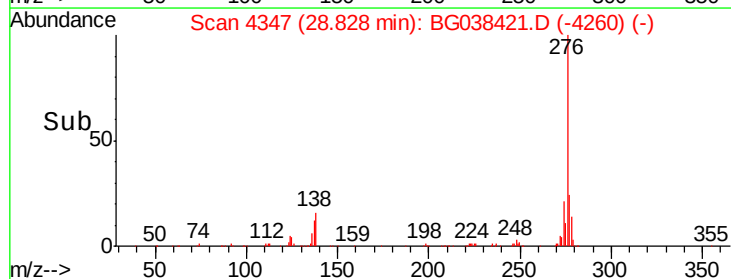
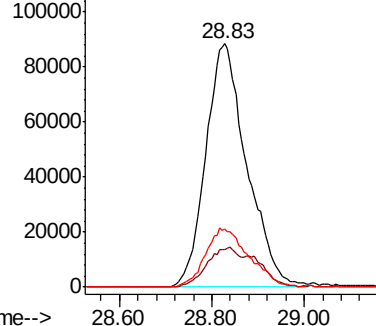


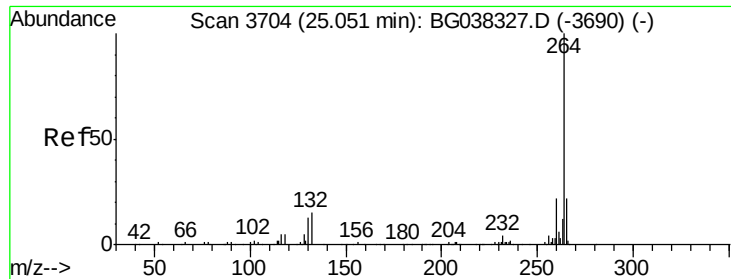
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.391 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.02 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:276 Resp: 546688
Ion Ratio Lower Upper
276 100
138 13.2 12.0 18.0
277 0.0 20.6 30.8#



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

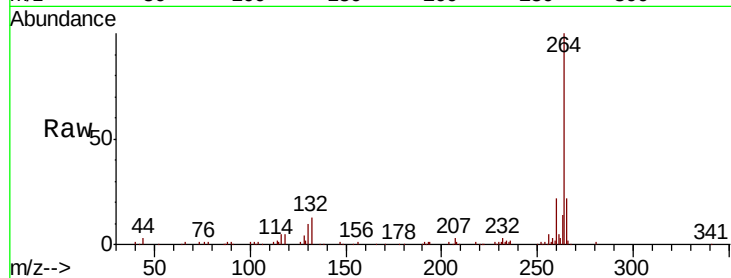
Tgt Ion:264 Resp: 173738

Ion Ratio Lower Upper

264 100

260 22.0 18.2 27.4

265 21.7 17.9 26.9

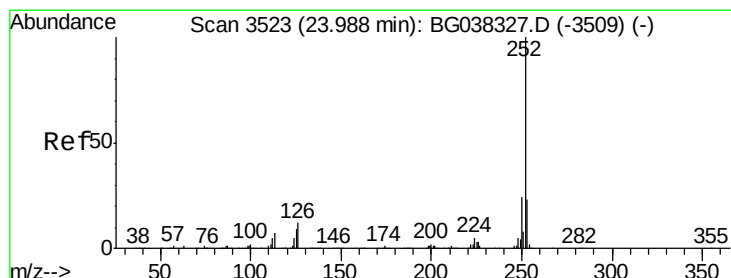
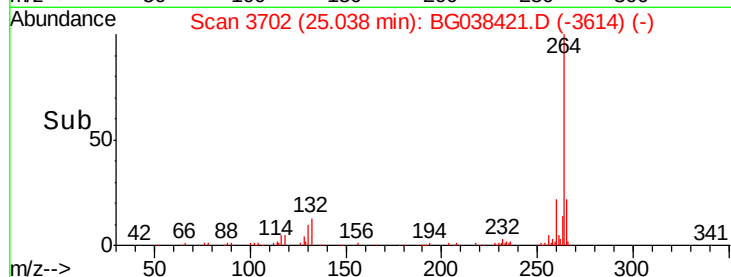
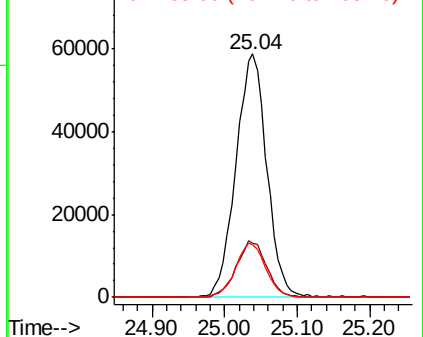


Abundance

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: 49.260 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

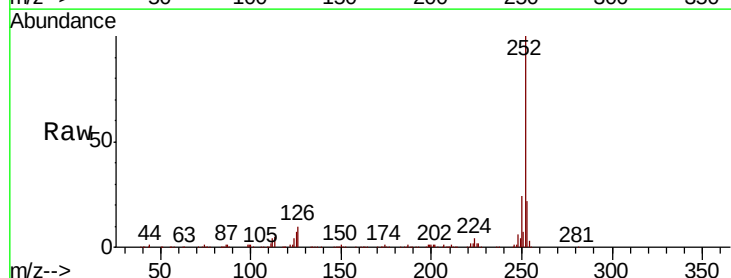
Tgt Ion:252 Resp: 483578

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 7.2 7.8 11.6#

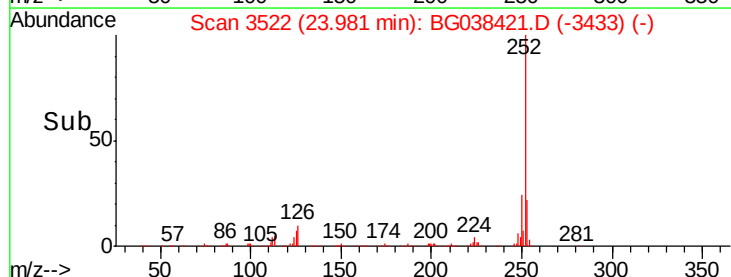
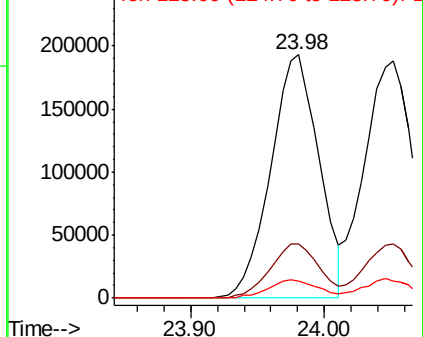


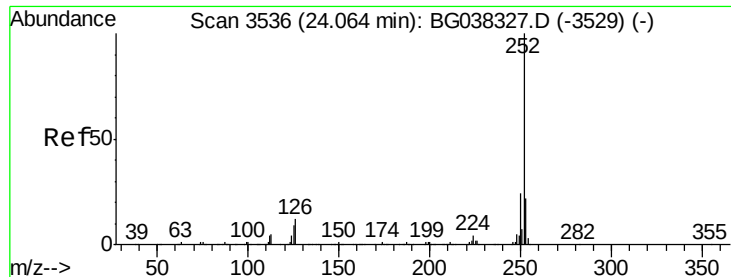
Abundance

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

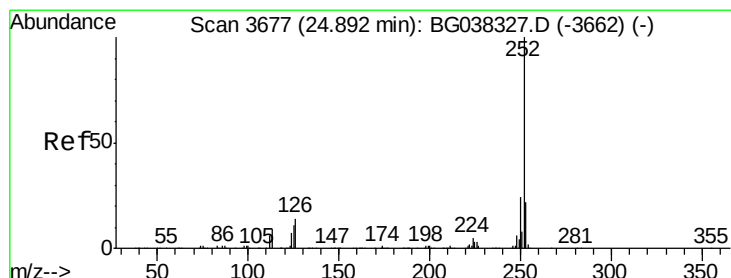
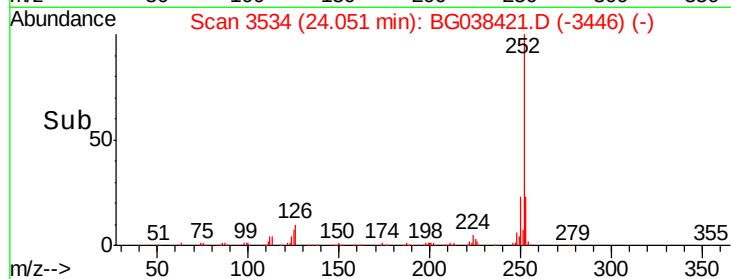
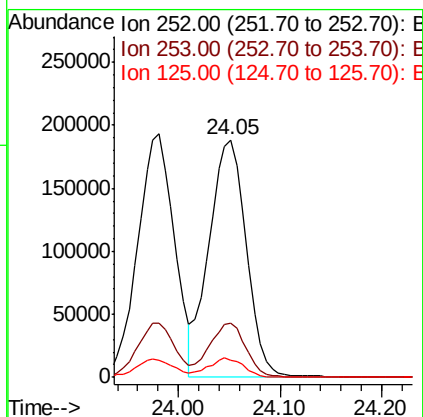
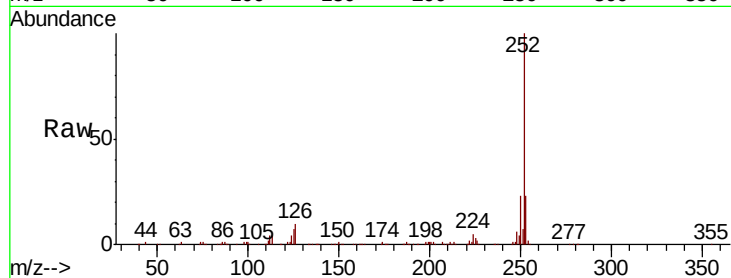




#89
Benzo(k)fluoranthene
Concen: 49.031 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

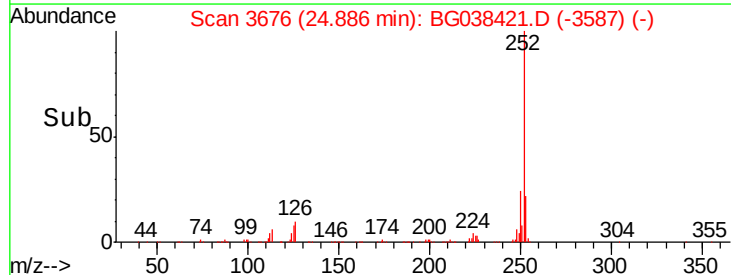
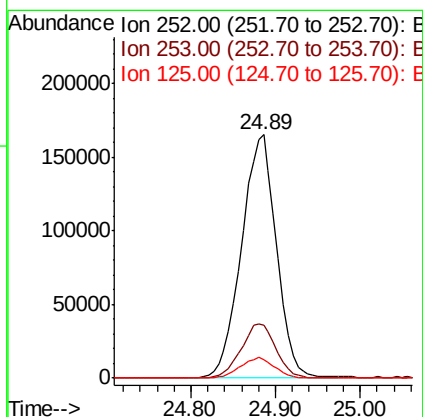
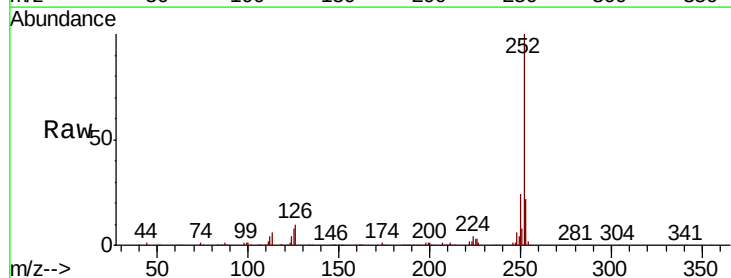
Instrument :
BNA_G
ClientSampleId :
PB115307BS

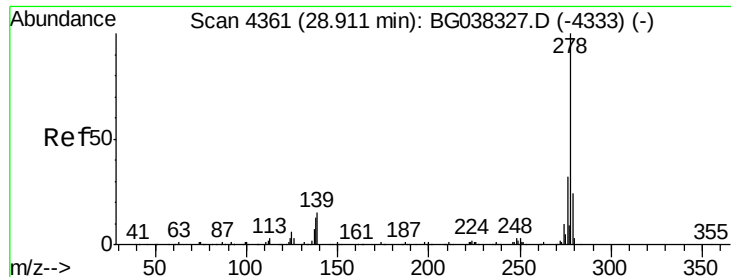
Tgt Ion:252 Resp: 479388
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 7.3 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 49.929 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038421.D
Acq: 8 Dec 2018 2:41

Tgt Ion:252 Resp: 475432
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 7.6 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 49.938 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

Instrument :

BNA_G

ClientSampleId :

PB115307BS

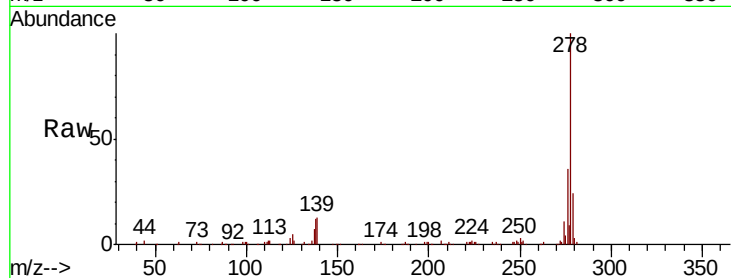
Tgt Ion:278 Resp: 451001

Ion Ratio Lower Upper

278 100

139 13.5 11.5 17.3

279 23.7 18.6 27.8

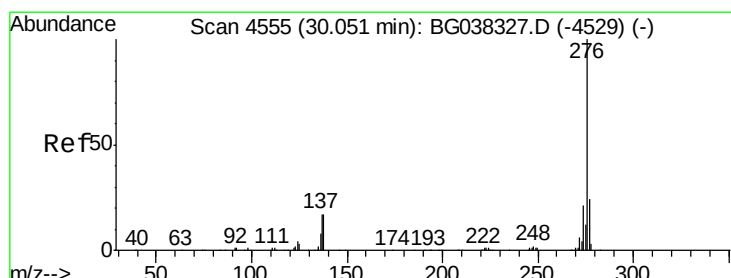
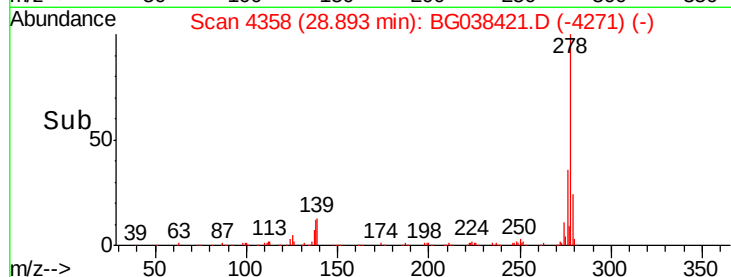
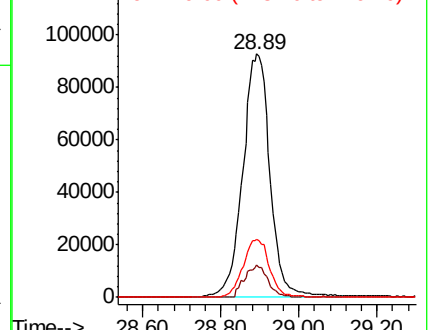


Abundance

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: 50.106 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG038421.D

Acq: 8 Dec 2018 2:41

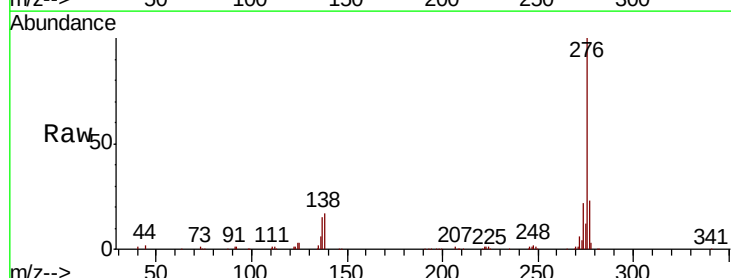
Tgt Ion:276 Resp: 448967

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 16.6 17.2 25.8#



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

