

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036731.D
 Acq On : 15 Sep 2018 8:26
 Operator : JU/SJ
 Sample : J4771-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Quant Time: Sep 17 03:47:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56431	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	238293	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	161701	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	413360	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	408069	20.00	ng	-0.01
86) Perylene-d12	24.89	264	430092	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	348854	98.06	ng	0.00
7) Phenol-d6	7.21	99	464072	91.11	ng	-0.01
23) Nitrobenzene-d5	9.21	82	329356	74.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	246786	127.90	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	744451	65.73	ng	-0.01
78) Terphenyl-d14	20.02	244	1347191	77.16	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	49590	29.870	ng	97
3) Pyridine	3.93	79	109922	23.588	ng	99
4) n-Nitrosodimethylamine	3.84	42	76249	36.736	ng	94
6) Aniline	7.38	93	118070	18.263	ng	97
8) 2-Chlorophenol	7.61	128	153119	39.691	ng	93
9) Benzaldehyde	7.18	77	77599	22.124	ng	99
10) Phenol	7.24	94	190339	35.710	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	153809	36.399	ng	98
12) 1,3-Dichlorobenzene	7.94	146	159059	36.108	ng	98
13) 1,4-Dichlorobenzene	8.09	146	161828	36.387	ng	98
14) 1,2-Dichlorobenzene	8.41	146	153856	36.224	ng	98
15) Benzyl Alcohol	8.28	79	157591	38.381	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	295469	34.672	ng	99
17) 2-Methylphenol	8.49	107	139452	39.402	ng	98
18) Hexachloroethane	9.13	117	59470	37.296	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	135567	35.614	ng	96
20) 3+4-Methylphenols	8.81	107	197732	40.017	ng	100
22) Acetophenone	8.87	105	245201	39.185	ng	99
24) Nitrobenzene	9.26	77	207851	43.888	ng	98
25) Isophorone	9.77	82	387012	44.358	ng	99
26) 2-Nitrophenol	9.96	139	90555	48.252	ng	97
27) 2,4-Dimethylphenol	10.02	122	159566	45.925	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	217766	40.669	ng	98
29) 2,4-Dichlorophenol	10.50	162	174933	45.940	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	173764	39.008	ng	99
31) Naphthalene	10.91	128	494322	41.498	ng	98
32) Benzoic acid	10.10	122	16548	10.304	ng	90
33) 4-Chloroaniline	11.01	127	30283	5.548	ng	95
34) Hexachlorobutadiene	11.19	225	117725	39.334	ng	99
35) Caprolactam	11.78	113	53745	35.430	ng	# 90
36) 4-Chloro-3-methylphenol	12.13	107	199525	45.094	ng	98
37) 2-Methylnaphthalene	12.51	142	387898	44.504	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	223031	38.975	ng	98
40) Hexachlorocyclopentadiene	12.85	237	259160	87.043	ng	98

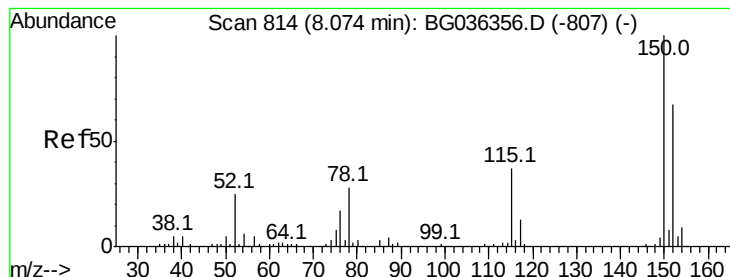
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036731.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	158151	45.370	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	167927	45.166	ng	99
45) 1,1'-Biphenyl	13.51	154	511687	38.122	ng	99
46) 2-Chloronaphthalene	13.55	162	391126	38.170	ng	98
47) 2-Nitroaniline	13.75	65	135037	41.967	ng	99
48) Acenaphthylene	14.40	152	682870	42.641	ng	99
49) Dimethylphthalate	14.13	163	556990	42.184	ng	99
50) 2,6-Dinitrotoluene	14.25	165	124328	45.760	ng	96
51) Acenaphthene	14.74	154	411914	40.162	ng	99
52) 3-Nitroaniline	14.58	138	57153	19.520	ng	99
53) 2,4-Dinitrophenol	14.78	184	27552	26.772	ng	95
54) Dibenzofuran	15.07	168	650895	40.508	ng	99
55) 4-Nitrophenol	14.88	139	166492	69.547	ng	97
56) 2,4-Dinitrotoluene	15.03	165	173065	48.874	ng	91
57) Fluorene	15.72	166	528474	43.996	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169132	48.417	ng	96
59) Diethylphthalate	15.49	149	552498	41.520	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	301229	40.612	ng	98
61) 4-Nitroaniline	15.74	138	118305	38.613	ng	96
62) Azobenzene	16.01	77	543054	40.110	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	38490	21.197	ng	95
65) n-Nitrosodiphenylamine	15.93	169	488892	39.804	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	200994	41.531	ng	98
67) Hexachlorobenzene	16.73	284	204682	41.361	ng	97
68) Atrazine	16.87	200	209470	45.437	ng	99
69) Pentachlorophenol	17.07	266	134592	40.018	ng	98
70) Phenanthrene	17.46	178	897329	42.722	ng	99
71) Anthracene	17.55	178	900315	43.000	ng	99
72) Carbazole	17.82	167	798659	38.195	ng	100
73) Di-n-butylphthalate	18.38	149	910983	39.124	ng	100
74) Fluoranthene	19.46	202	1070639	41.808	ng	98
76) Benzidine	19.65	184	100895	7.750	ng	97
77) Pyrene	19.83	202	1064656	42.427	ng	98
79) Butylbenzylphthalate	20.71	149	419516	42.008	ng	97
80) Benzo(a)anthracene	21.66	228	1069572	43.265	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	144529	14.669	ng	99
82) Chrysene	21.73	228	991220	42.301	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	572606	40.974	ng	98
84) Di-n-octyl phthalate	22.78	149	979230	41.951	ng	97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1220094	44.829	ng	# 94
87) Benzo(b)fluoranthene	23.87	252	1061317	44.438	ng	98
88) Benzo(k)fluoranthene	23.94	252	1006192	43.124	ng	98
89) Benzo(a)pyrene	24.74	252	1021427	44.507	ng	99
90) Dibenzo(a,h)anthracene	28.59	278	979469	44.208	ng	96
91) Benzo(g,h,i)perylene	29.68	276	1009636	45.347	ng	97

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

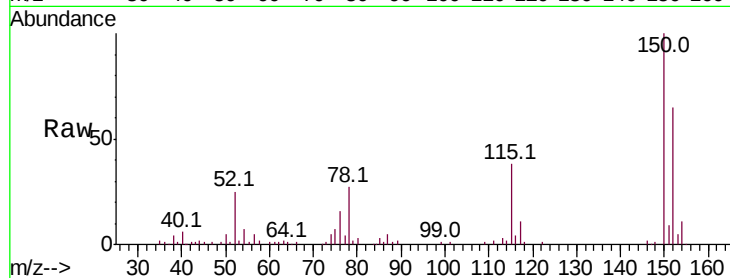


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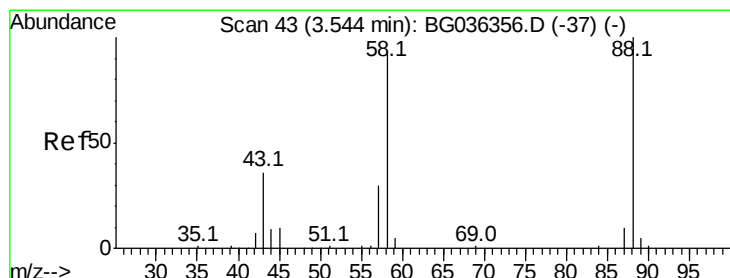
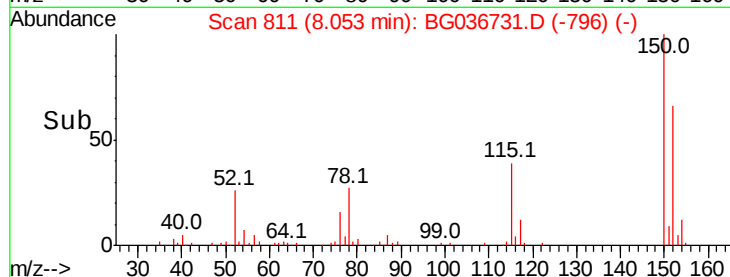
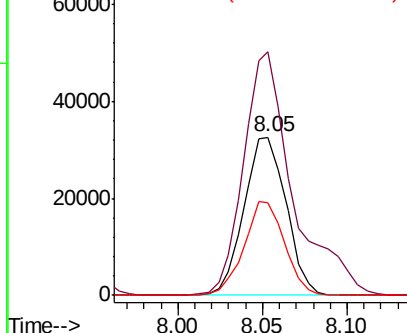
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion:152 Resp: 56431
Ion Ratio Lower Upper
152 100
150 153.7 119.5 179.3
115 58.6 44.5 66.7



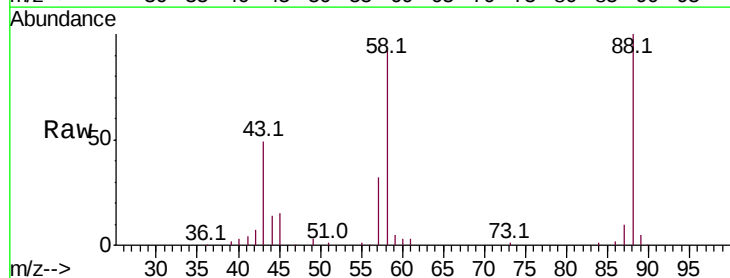
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



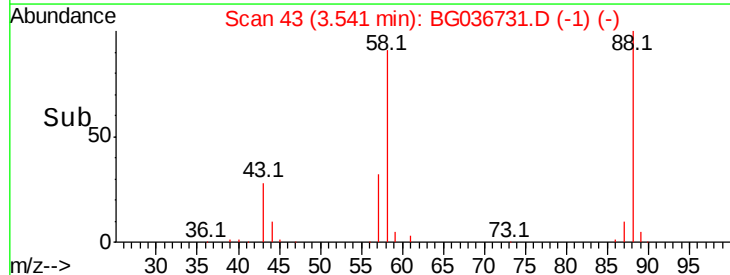
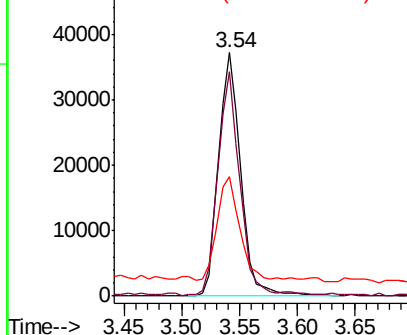
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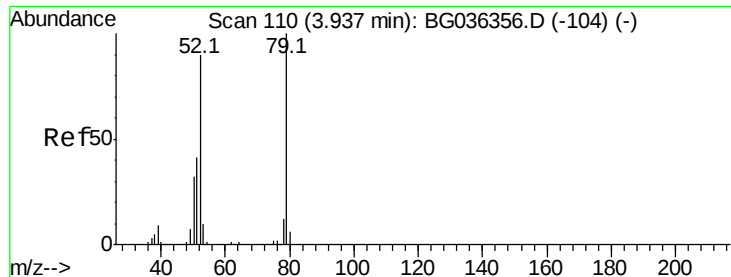
1,4-Dioxane
Concen: 29.870 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion: 88 Resp: 49590
Ion Ratio Lower Upper
88 100
58 90.6 72.6 109.0
43 41.8 29.0 43.4



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

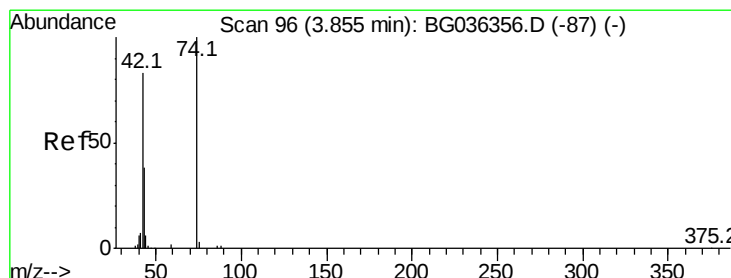
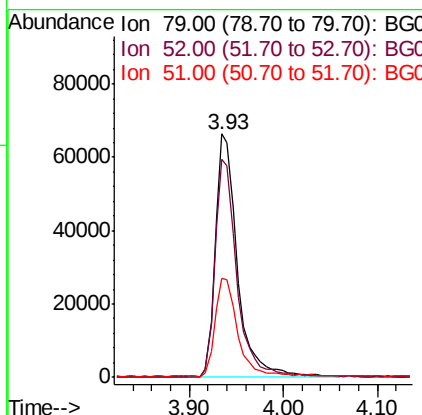
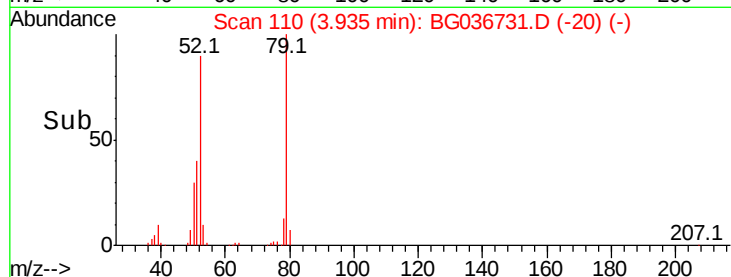
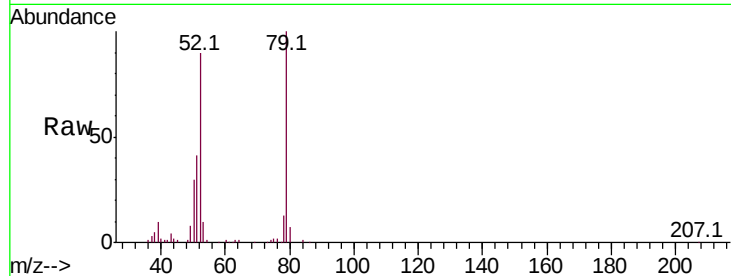




#3
 Pvridine
 Concen: 23.588 ng
 RT: 3.93 min Scan# 110
 Delta R.T. 0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

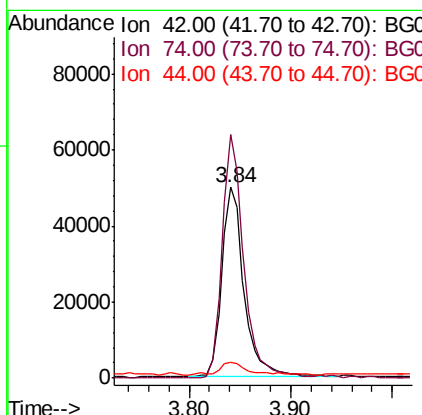
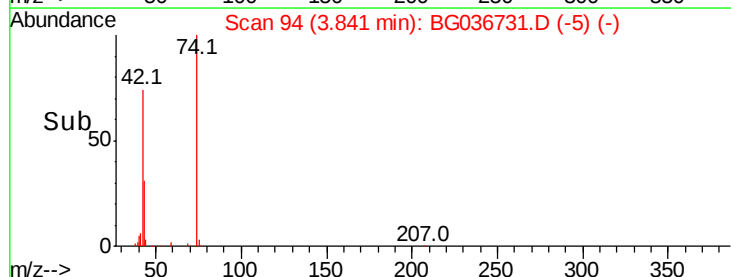
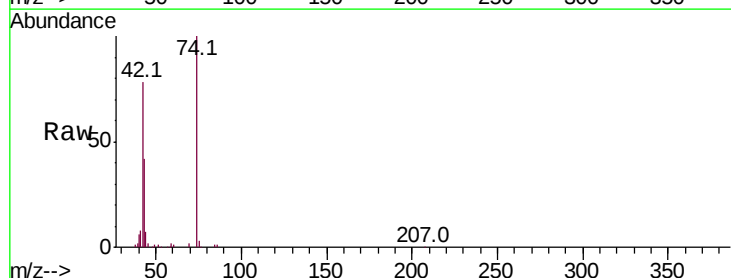
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

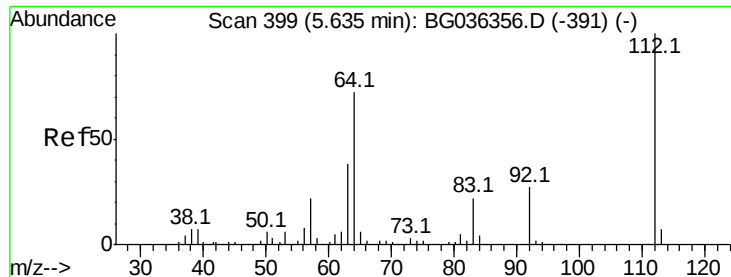
Tot Ion: 79 Resp: 109922
 Ion Ratio Lower Upper
 79 100
 52 89.6 72.3 108.5
 51 40.6 33.8 50.6



#4
 n-Nitrosodimethylamine
 Concen: 36.736 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion: 42 Resp: 76249
 Ion Ratio Lower Upper
 42 100
 74 127.8 96.6 145.0
 44 8.3 7.0 10.4





#5

2-Fluorophenol

Concen: 98.064 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

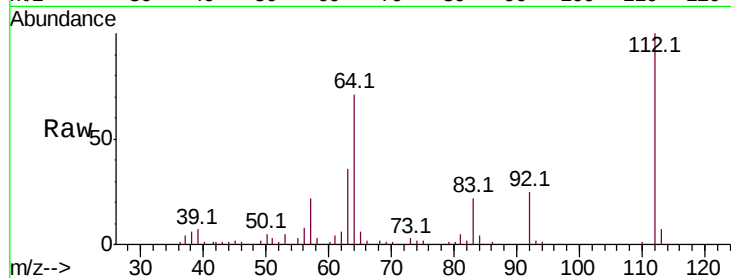
Tot Ion: 112 Resp: 348854

Ion Ratio Lower Upper

112 100

64 70.9 57.2 85.8

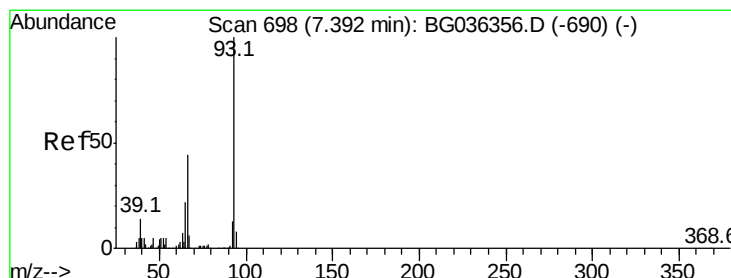
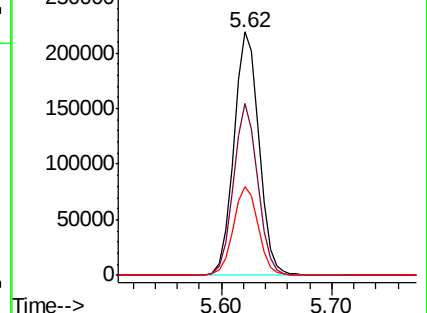
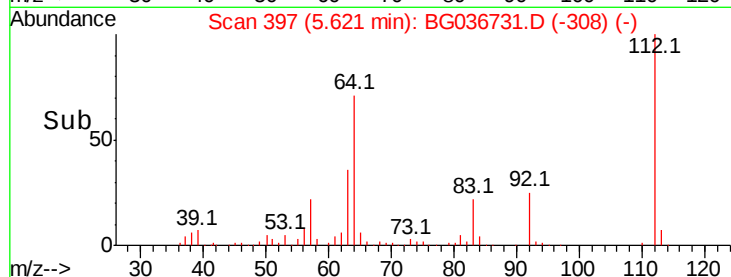
63 36.4 30.8 46.2



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: 18.263 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

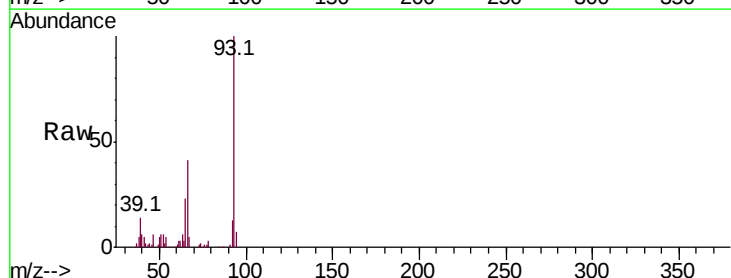
Tgt Ion: 93 Resp: 118070

Ion Ratio Lower Upper

93 100

66 41.2 35.0 52.4

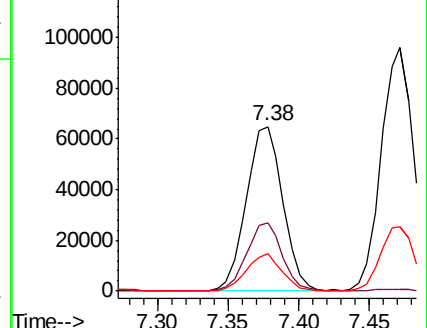
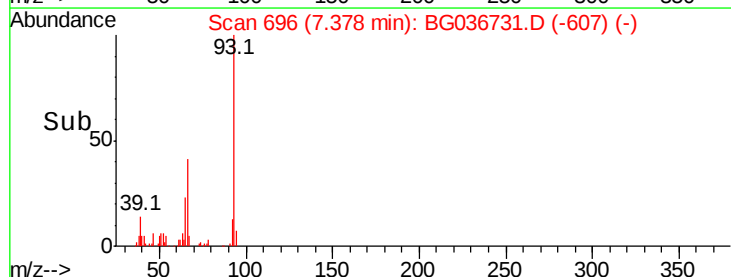
65 22.7 17.6 26.4

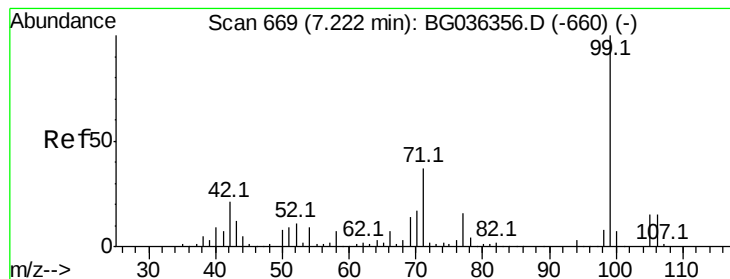


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 91.114 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

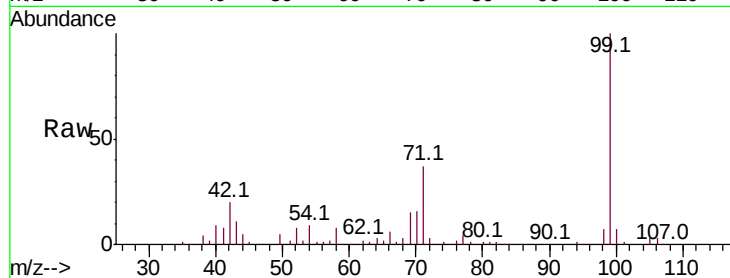
Tot Ion: 99 Resp: 464072

Ion Ratio Lower Upper

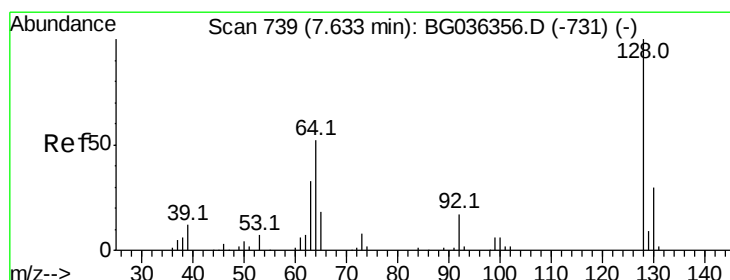
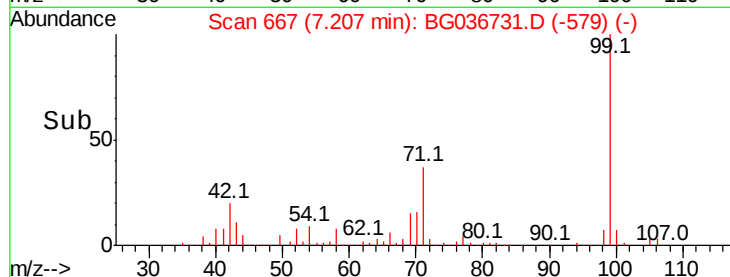
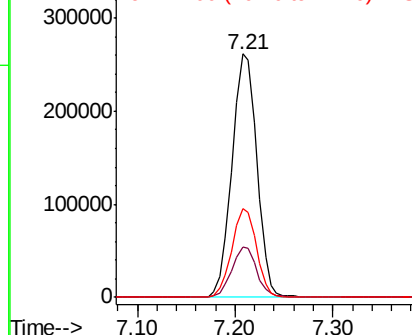
99 100

42 20.5 16.5 24.7

71 36.5 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.691 ng

RT: 7.61 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

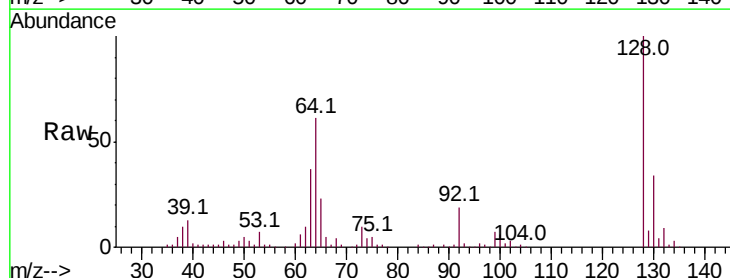
Tgt Ion: 128 Resp: 153119

Ion Ratio Lower Upper

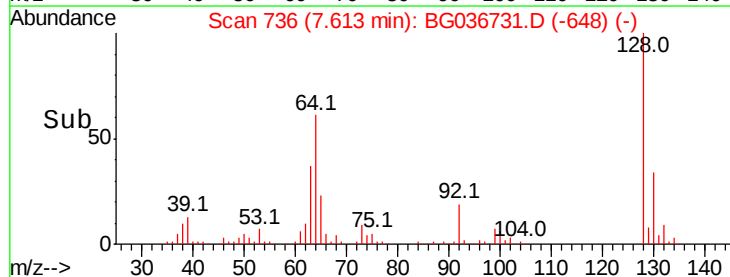
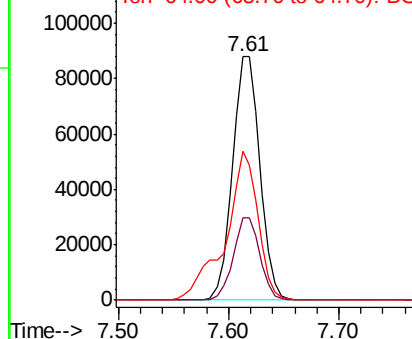
128 100

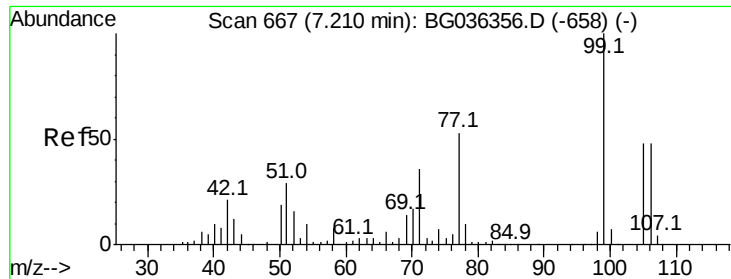
130 33.8 10.0 50.0

64 61.1 36.0 76.0



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: 22.124 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

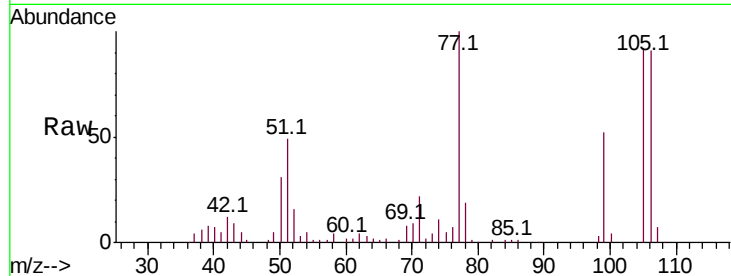
Tot Ion: 77 Resp: 77599

Ion Ratio Lower Upper

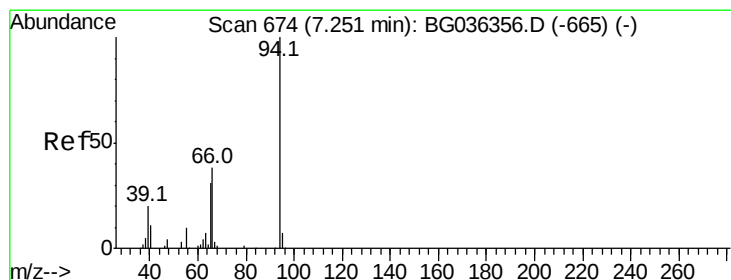
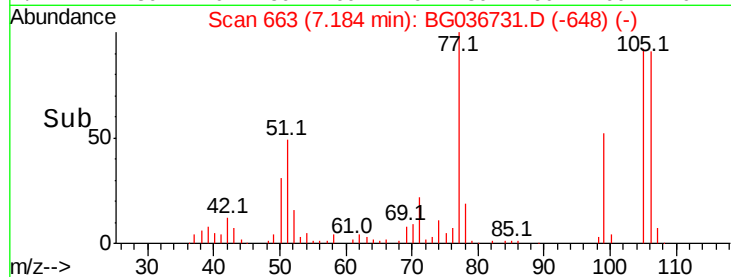
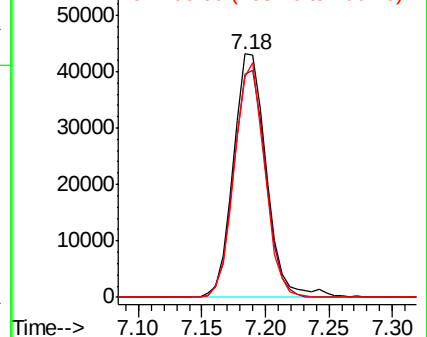
77 100

105 91.5 70.5 110.5

106 90.8 69.8 109.8



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: 35.710 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

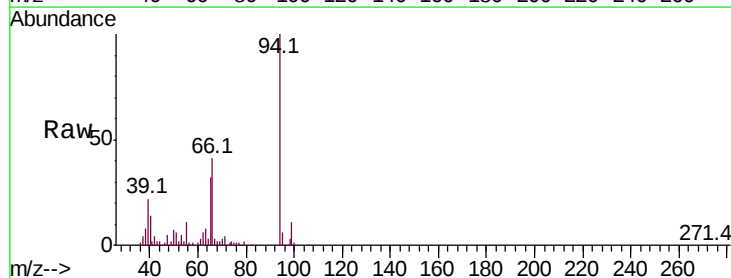
Tgt Ion: 94 Resp: 190339

Ion Ratio Lower Upper

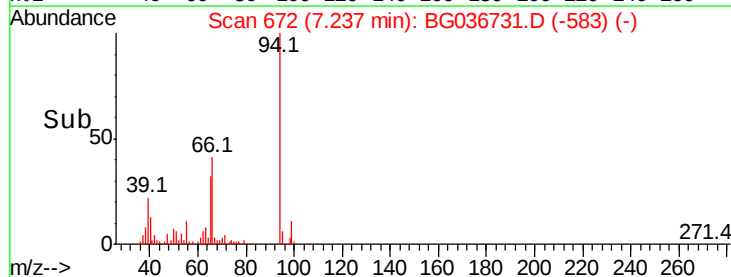
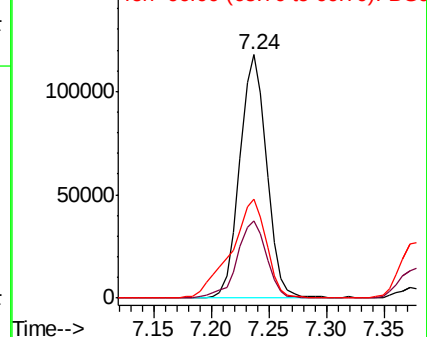
94 100

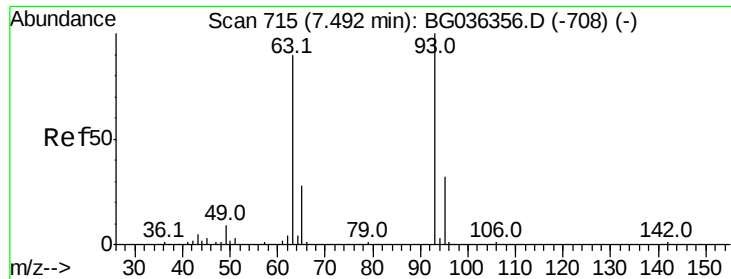
65 31.9 11.5 51.5

66 40.6 19.5 59.5



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

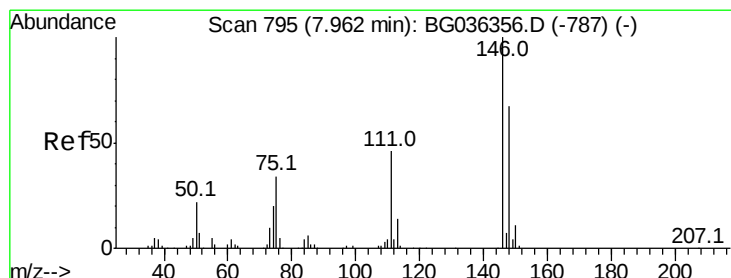
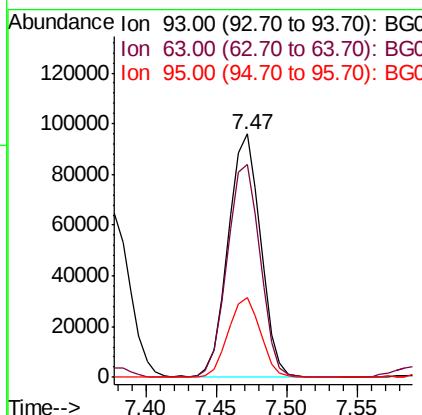
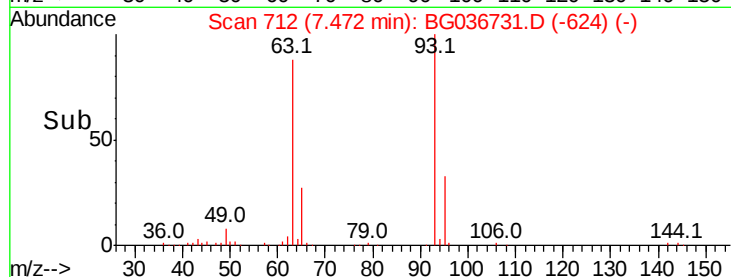
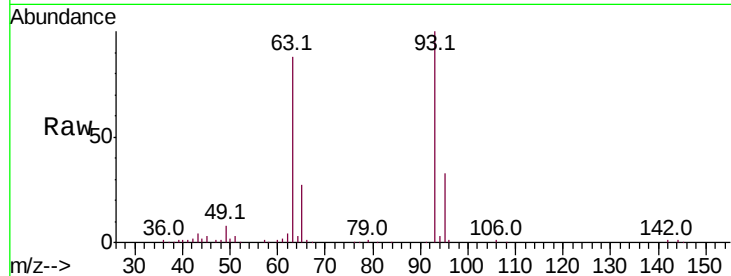




#11
 bis(2-Chloroethyl)ether
 Concen: 36.399 ng
 RT: 7.47 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

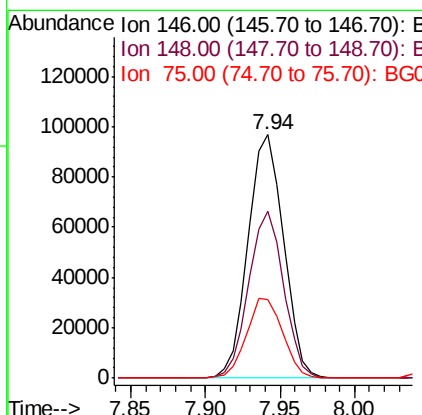
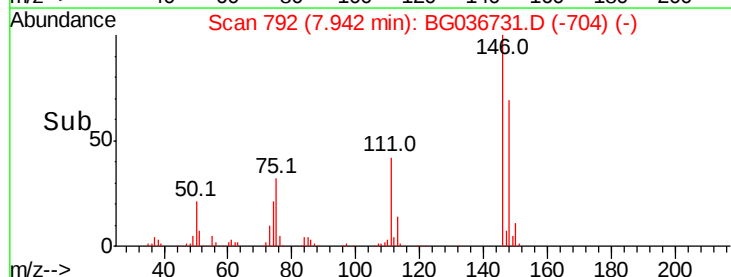
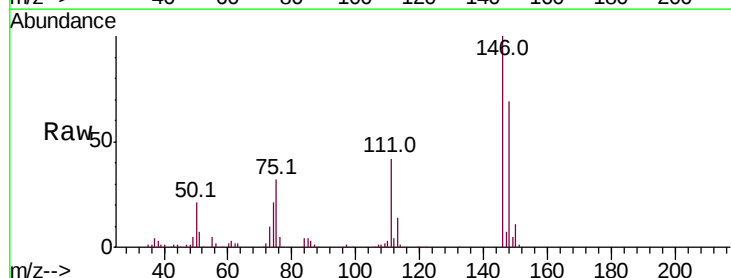
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

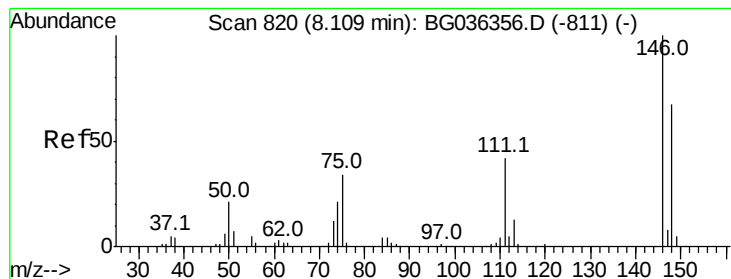
Tot Ion: 93 Resp: 153809
 Ion Ratio Lower Upper
 93 100
 63 87.6 69.9 109.9
 95 33.0 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 36.108 ng
 RT: 7.94 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion: 146 Resp: 159059
 Ion Ratio Lower Upper
 146 100
 148 68.7 53.8 80.6
 75 32.2 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 36.387 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

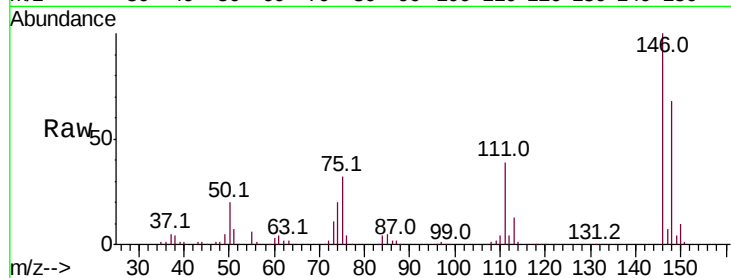
Tot Ion:146 Resp: 161828

Ion Ratio Lower Upper

146 100

148 68.3 53.9 80.9

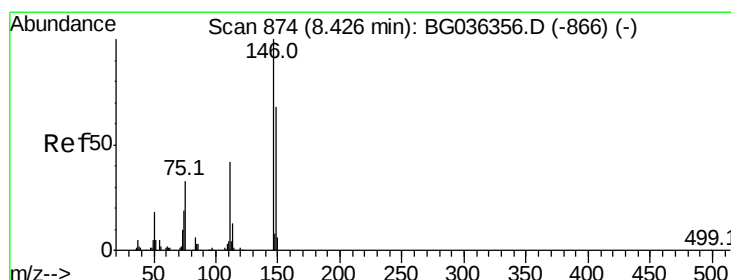
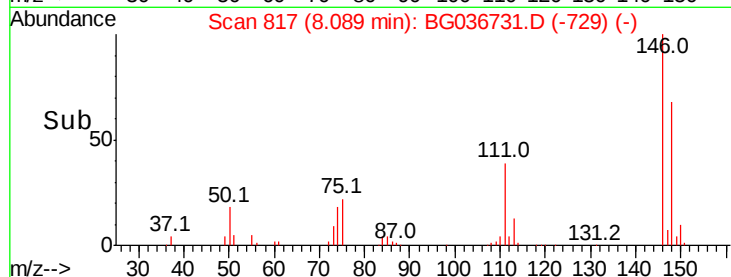
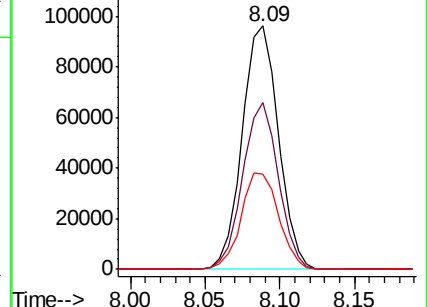
111 39.3 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.224 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

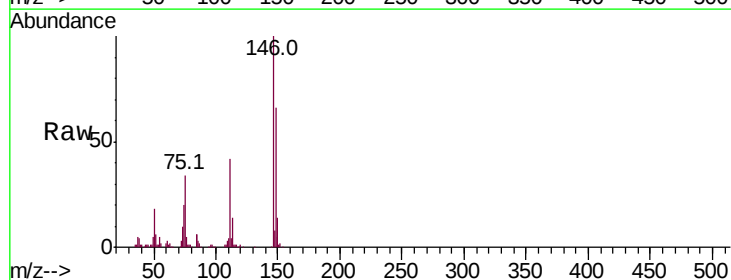
Tgt Ion:146 Resp: 153856

Ion Ratio Lower Upper

146 100

148 66.2 55.0 82.6

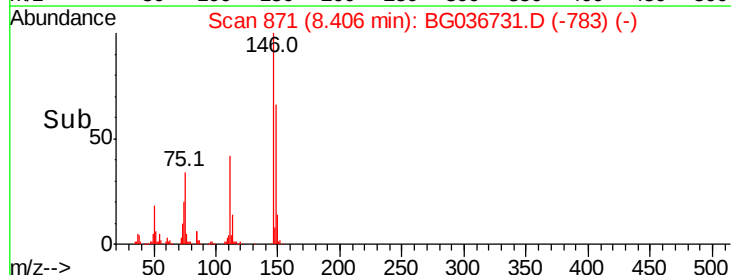
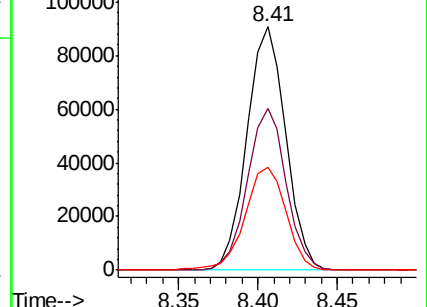
111 42.3 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.381 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

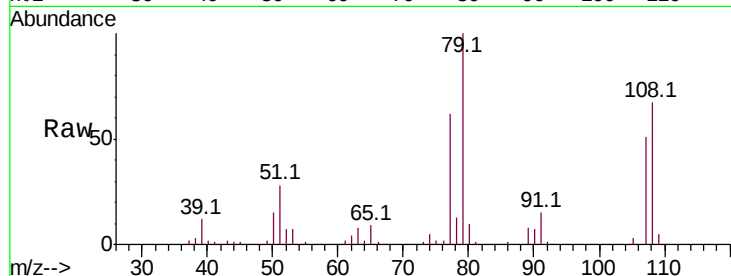
Tot Ion: 79 Resp: 157591

Ion Ratio Lower Upper

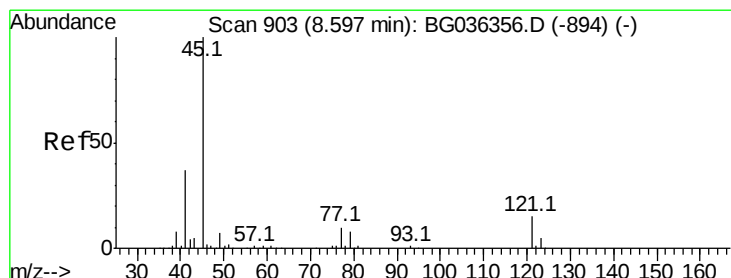
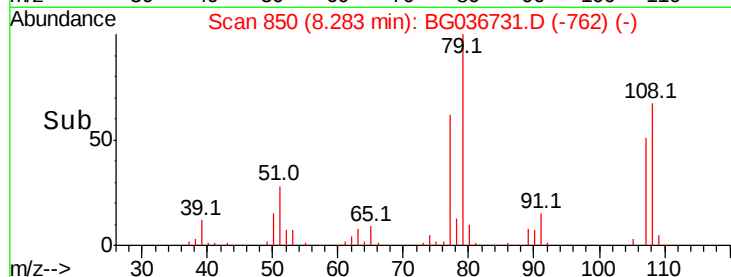
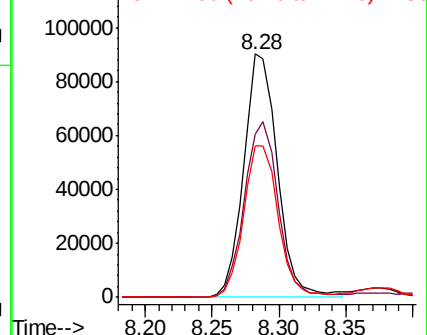
79 100

108 67.2 55.9 83.9

77 62.3 50.0 75.0



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: 34.672 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

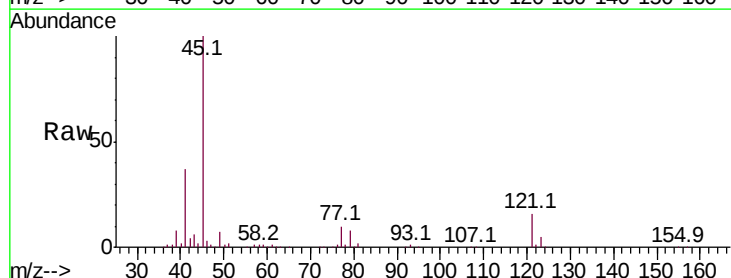
Tgt Ion: 45 Resp: 295469

Ion Ratio Lower Upper

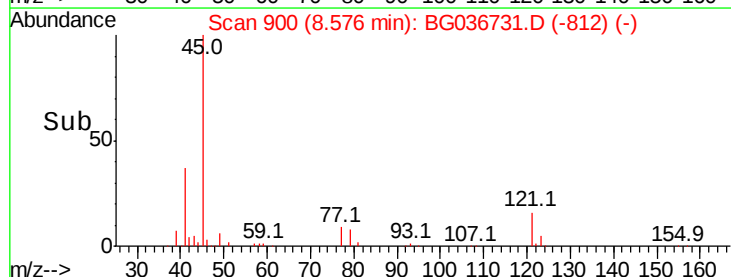
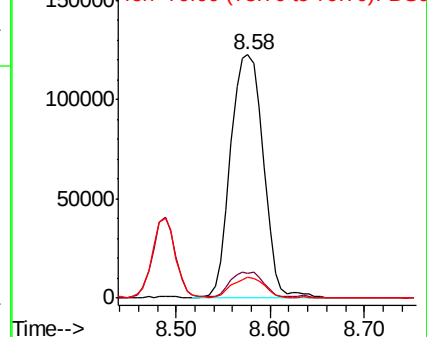
45 100

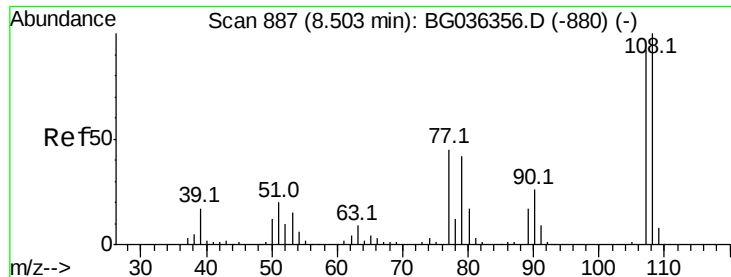
77 10.3 0.0 30.5

79 8.4 0.0 27.9



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

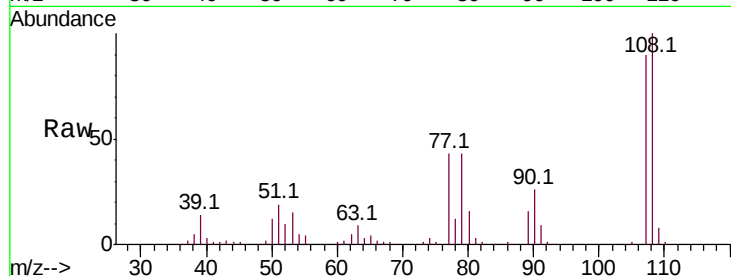




#17
2-Methylphenol
Concen: 39.402 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion:	107	Resp:	139452
Ion	Ratio	Lower	Upper
107	100		
108	111.1	86.7	130.1
77	48.0	39.0	58.4
79	47.6	36.6	54.8



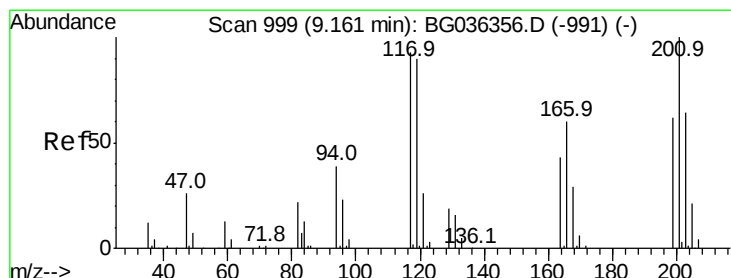
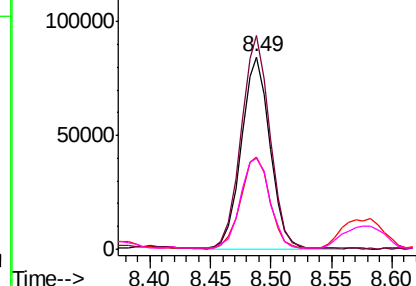
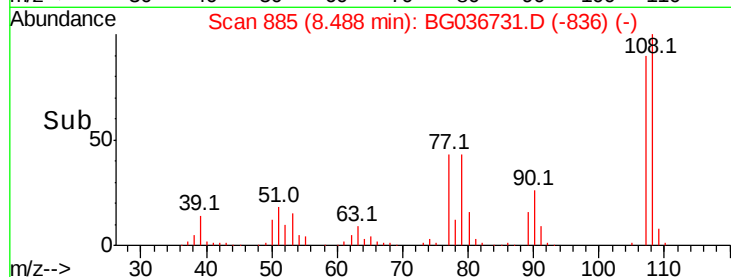
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

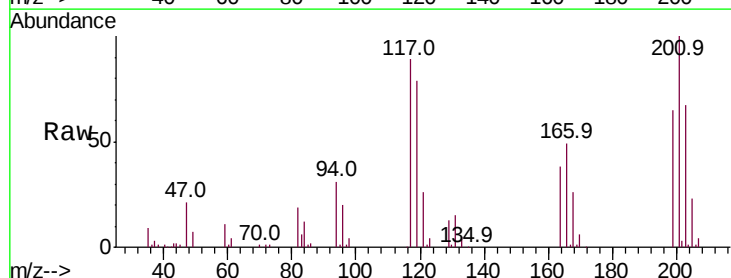
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.296 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:	117	Resp:	59470
Ion	Ratio	Lower	Upper
117	100		
119	89.3	76.8	115.2
201	112.6	85.7	128.5

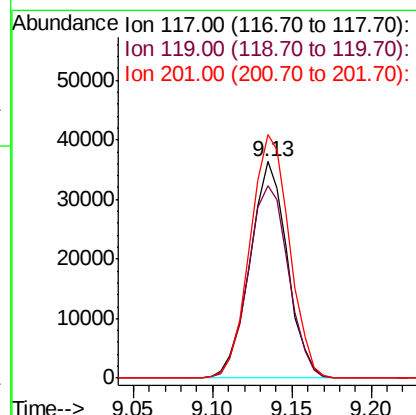
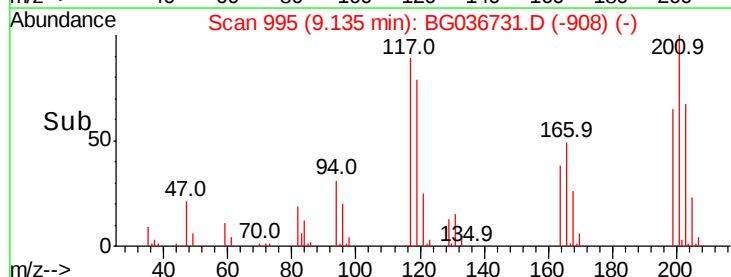


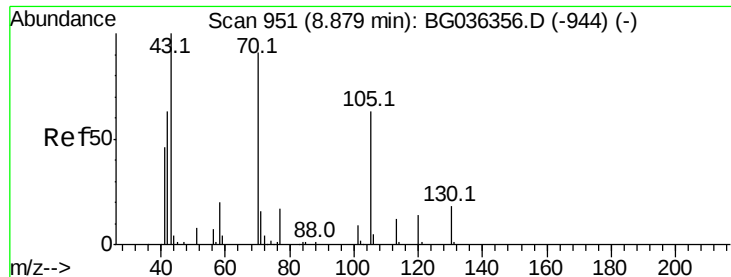
Abundance

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

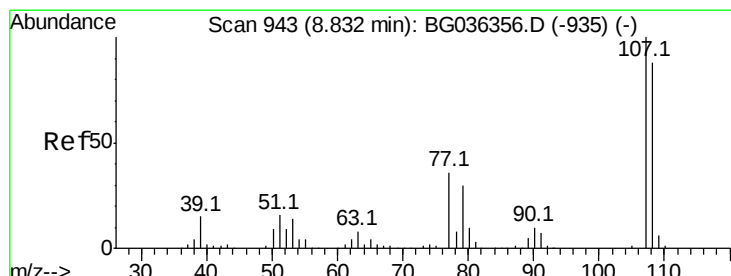
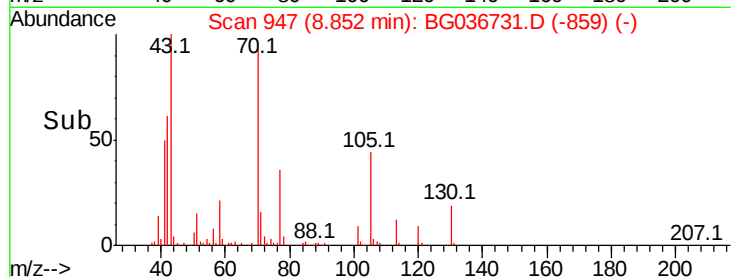
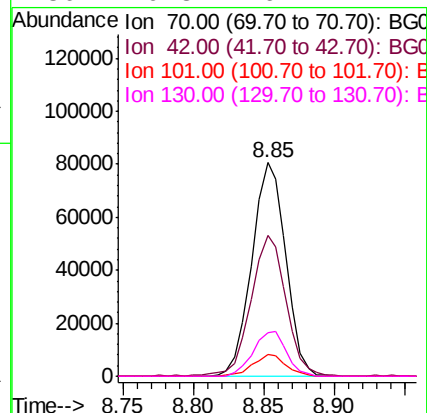
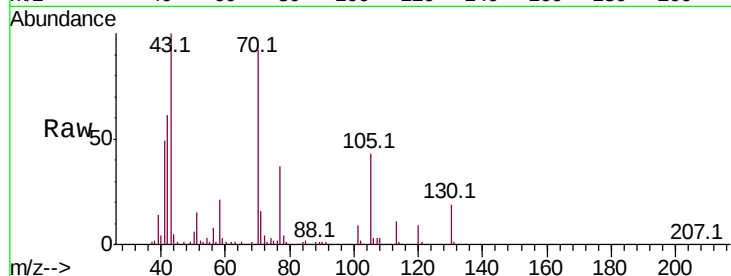




#19
n-Nitroso-di-n-propylamine
Concen: 35.614 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

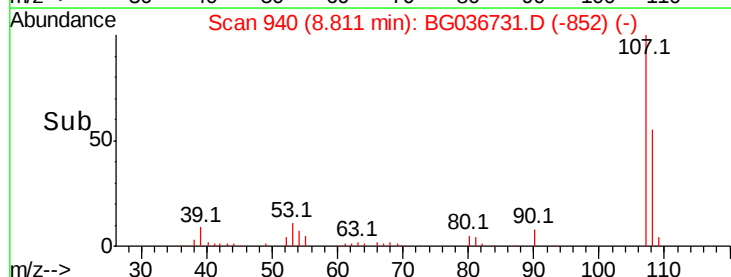
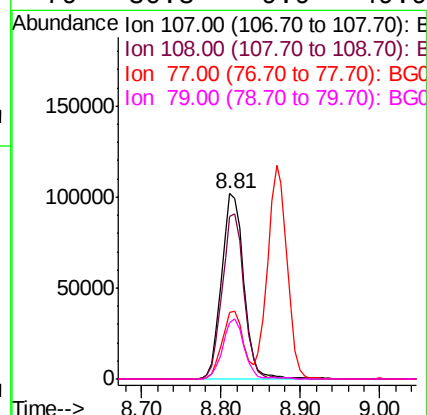
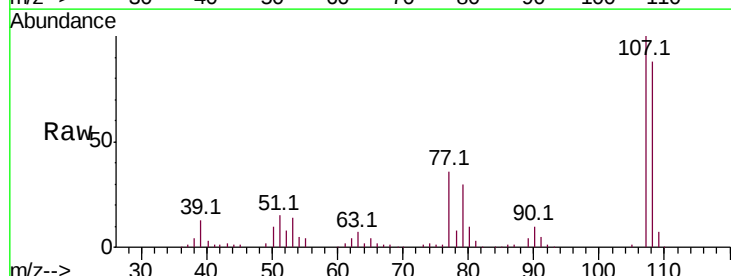
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

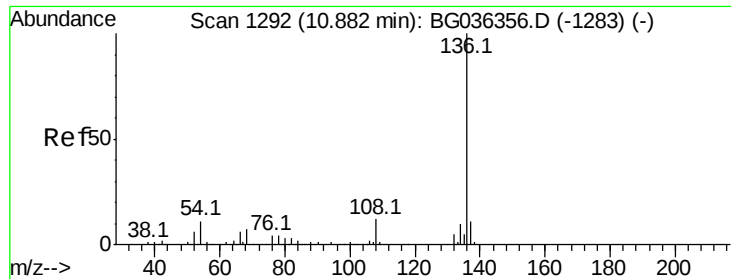
Tot Ion:	70	Resp:	135567
Ion	Ratio	Lower	Upper
70	100		
42	65.8	56.2	84.4
101	10.1	7.8	11.6
130	20.3	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.017 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:	107	Resp:	197732
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.0	108.0
77	35.9	15.6	55.6
79	30.3	9.9	49.9

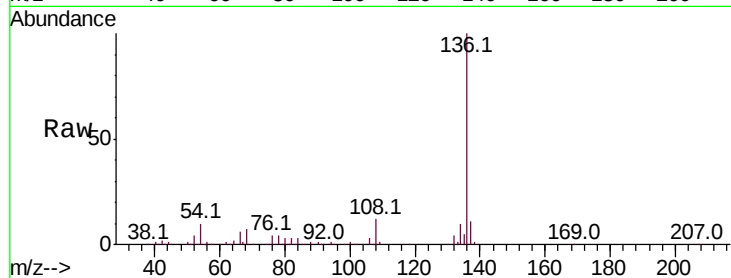




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion:	136	Resp:	238293
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.1	9.2	13.8
68	6.9	5.8	8.6



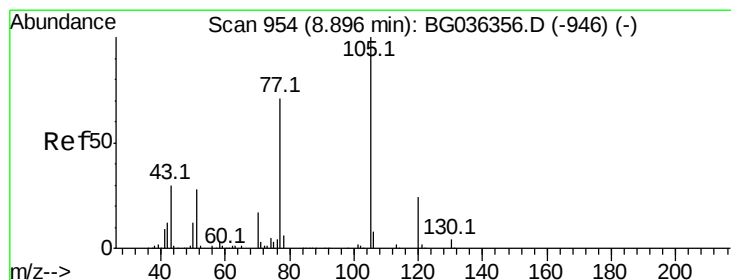
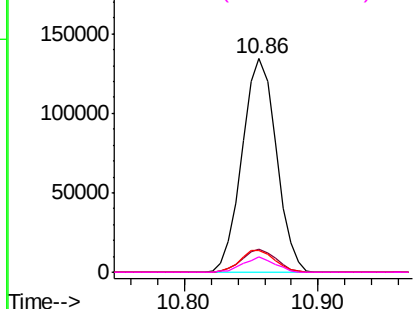
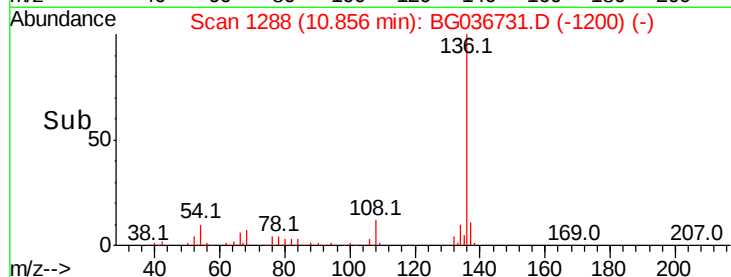
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

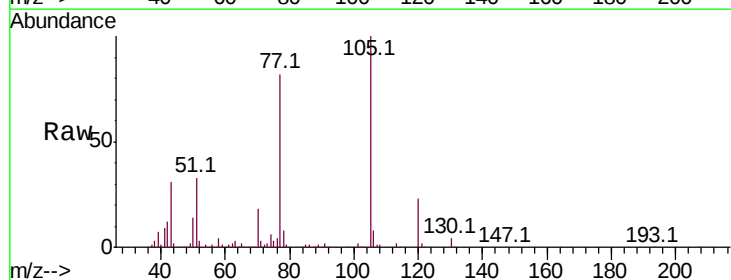
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.185 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:	105	Resp:	245201
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.4	3.6
51	33.0	25.9	38.9
120	23.4	19.4	29.0



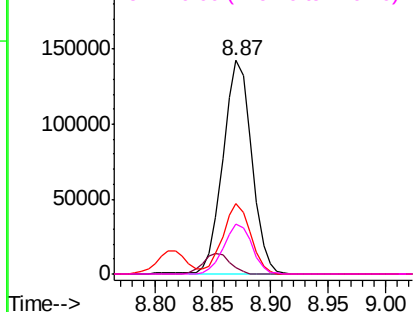
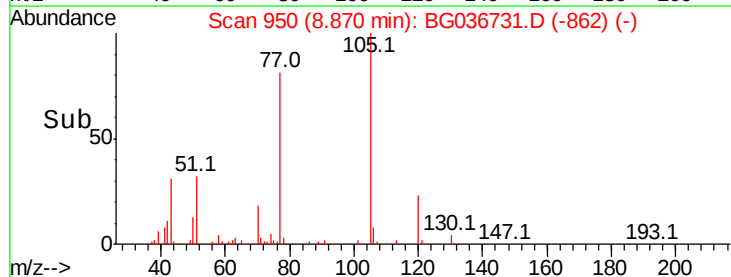
Abundance

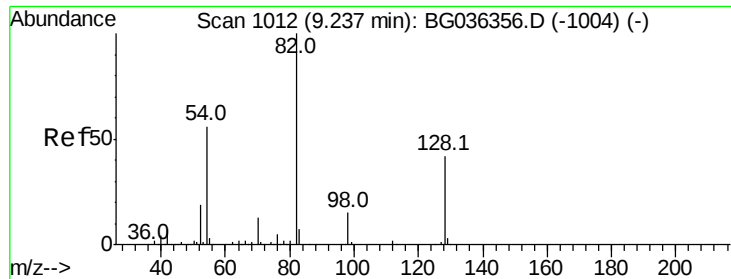
Ion 105.00 (104.70 to 105.70): E

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

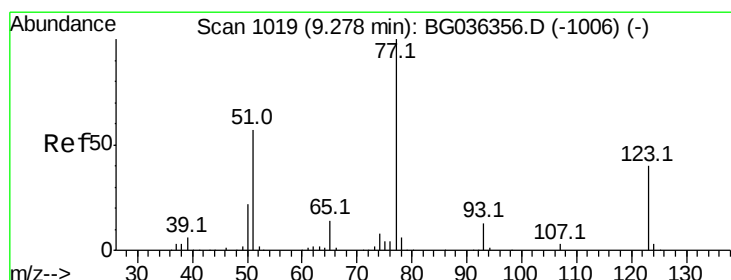
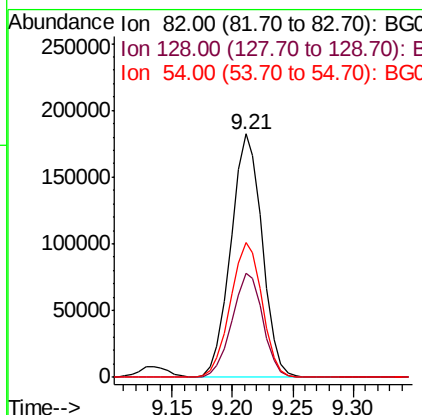
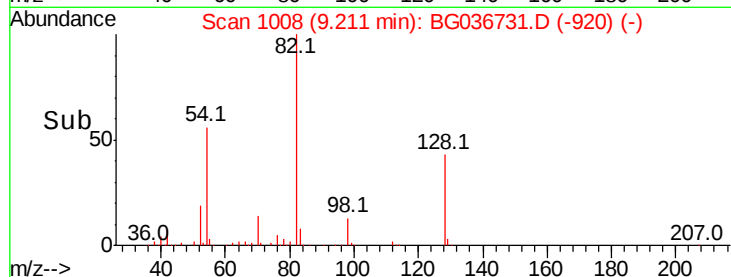
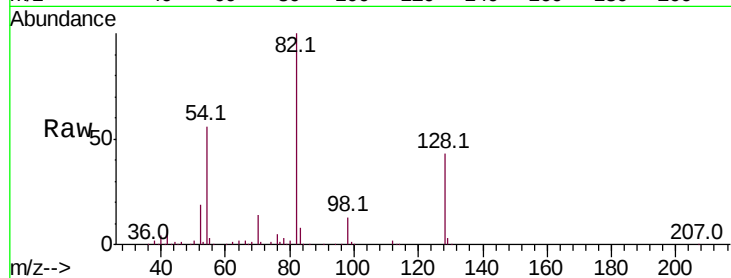




#23
Nitrobenzene-d5
Concen: 74.991 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

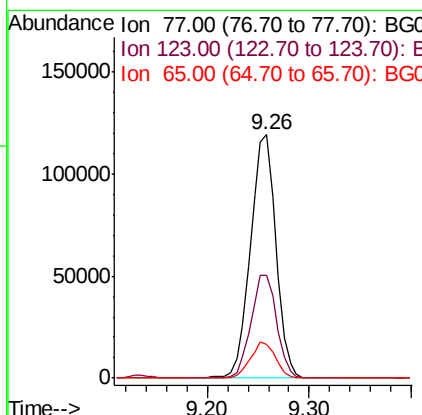
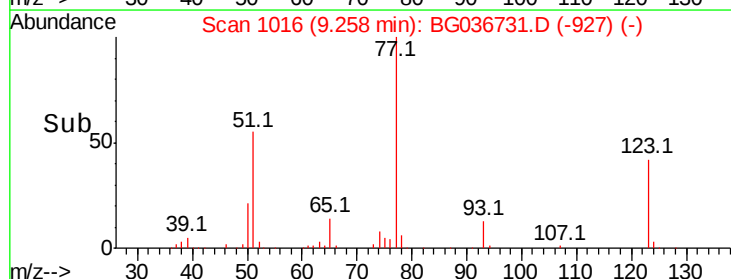
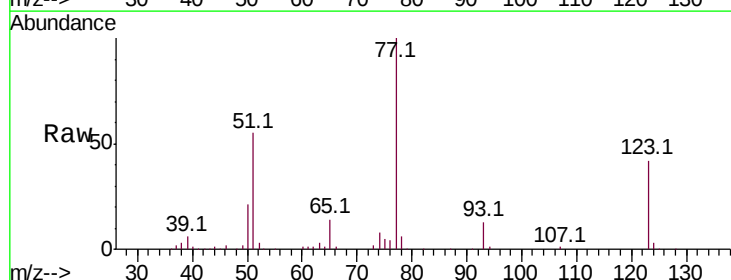
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

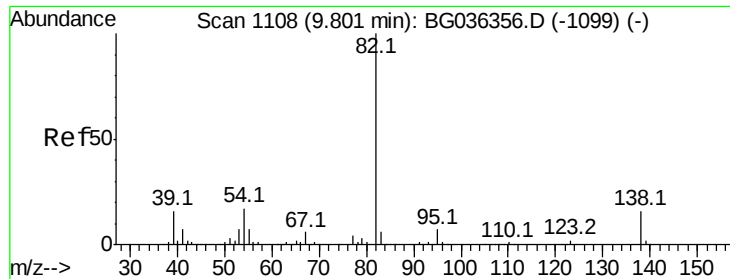
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	55.6	45.1	67.7



#24
Nitrobenzene
Concen: 43.888 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	32.4	48.6
65	13.8	11.5	17.3





#25

Isophorone

Concen: 44.358 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

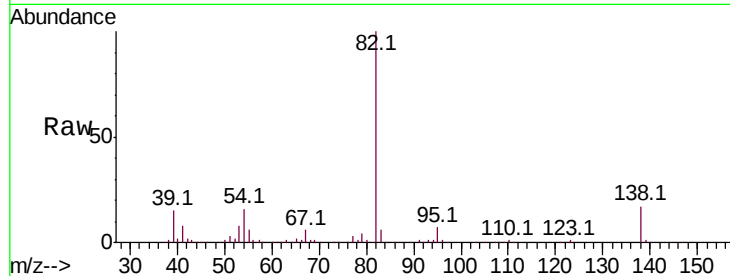
Tot Ion: 82 Resp: 387012

Ion Ratio Lower Upper

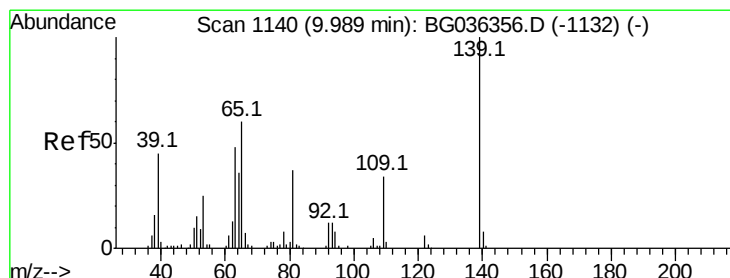
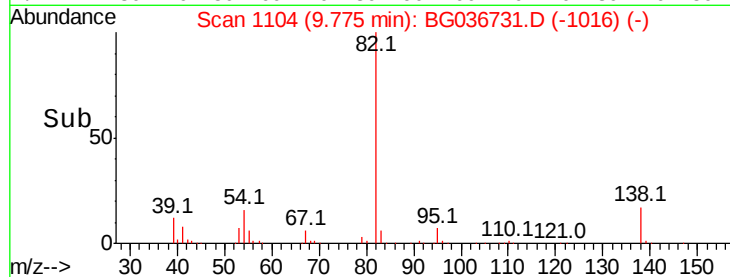
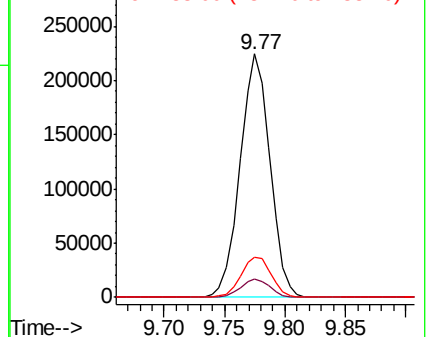
82 100

95 7.3 5.8 8.8

138 16.7 12.9 19.3



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: 48.252 ng

RT: 9.96 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

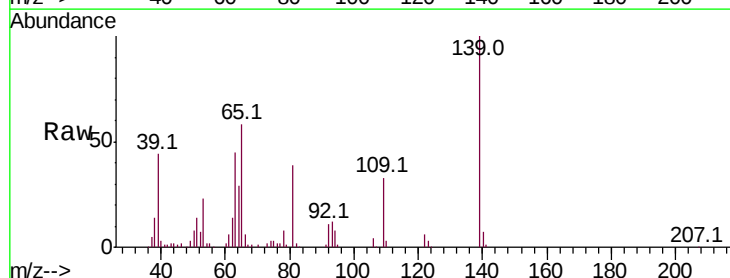
Tgt Ion: 139 Resp: 90555

Ion Ratio Lower Upper

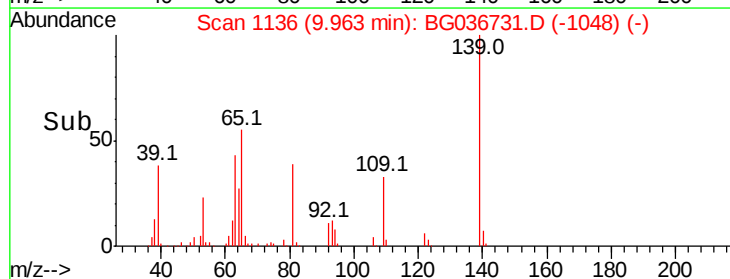
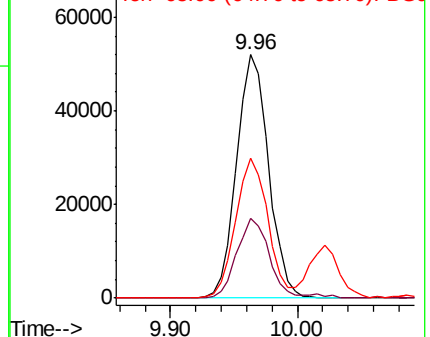
139 100

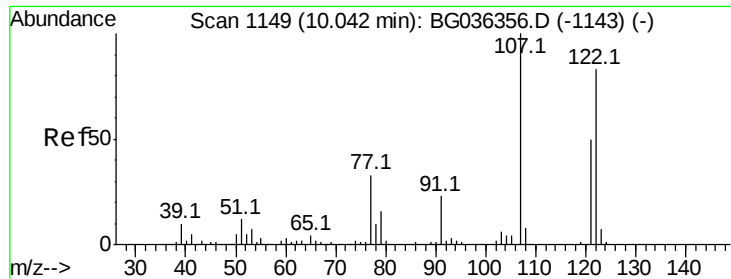
109 32.5 27.4 41.0

65 57.7 47.8 71.6



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

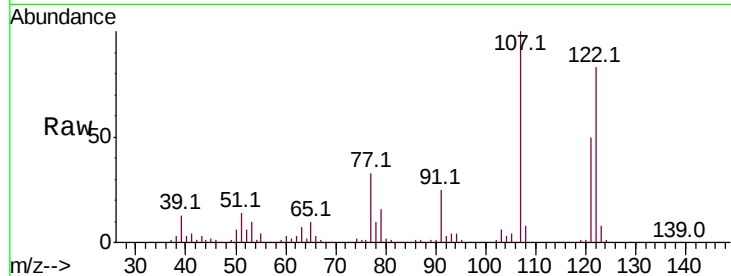




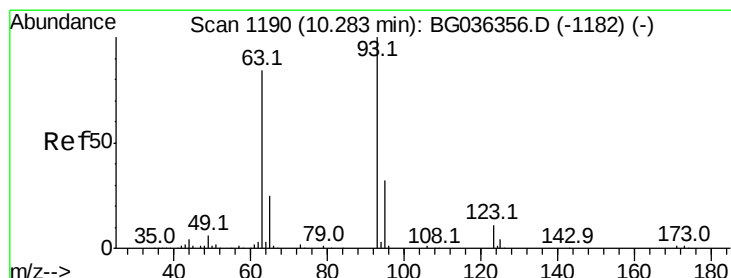
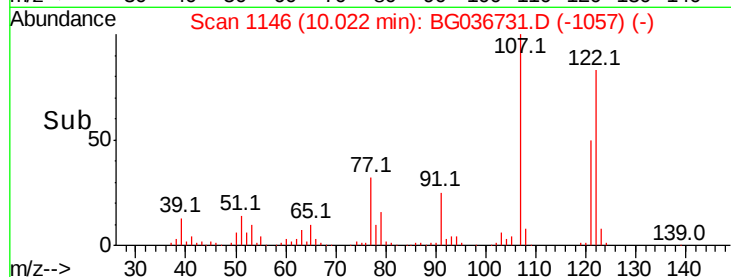
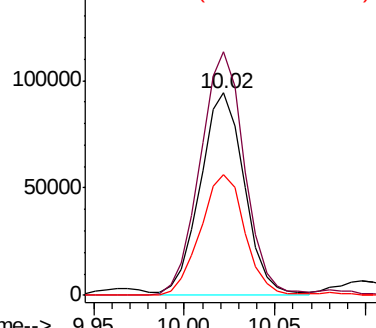
#27
 2,4-Dimethylphenol
 Concen: 45.925 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion:122 Resp: 159566
 Ion Ratio Lower Upper
 122 100
 107 120.3 96.0 144.0
 121 59.6 48.2 72.4

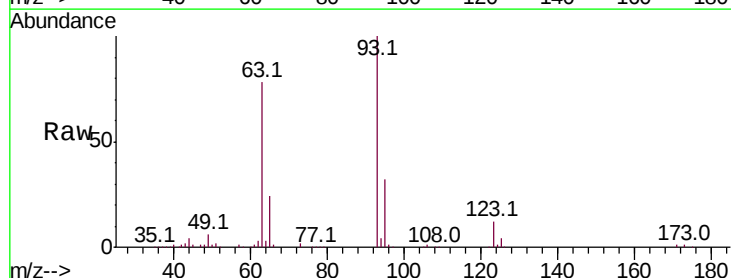


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

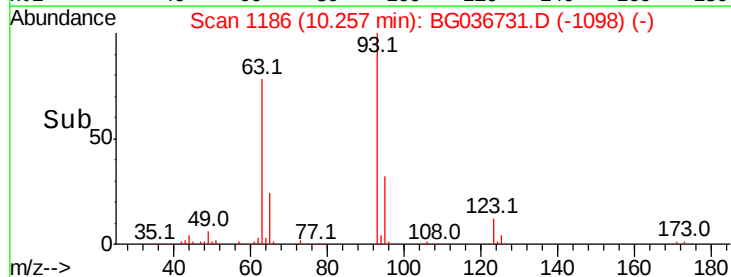
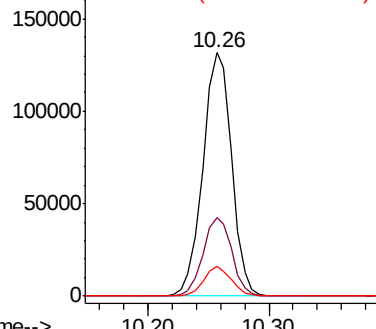


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.669 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion: 93 Resp: 217766
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.2 37.8
 123 12.2 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

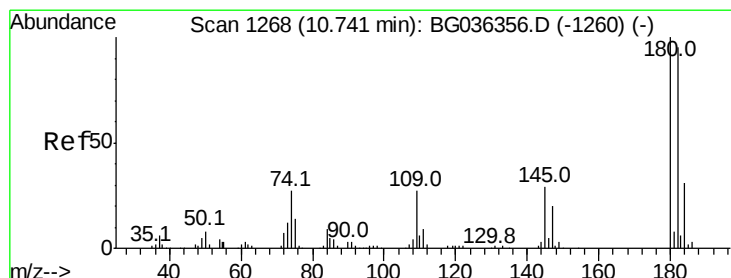
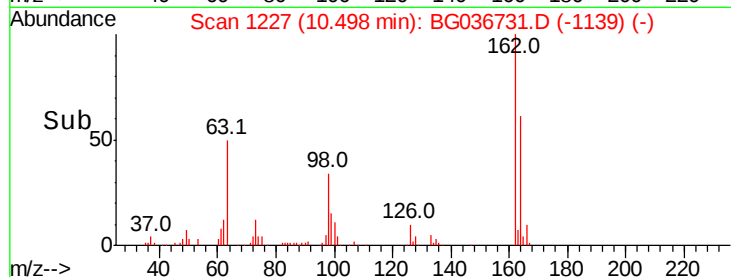
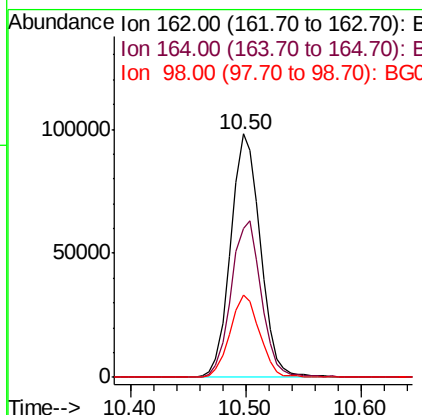
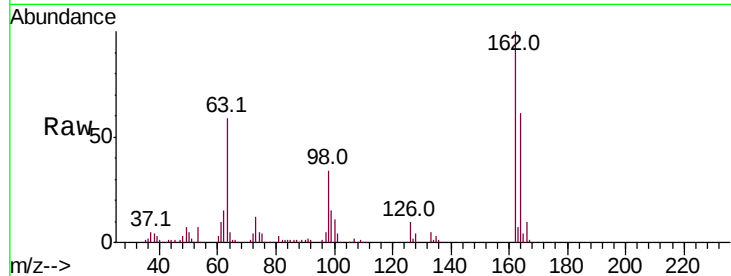




#29
 2,4-Dichlorophenol
 Concen: 45.940 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

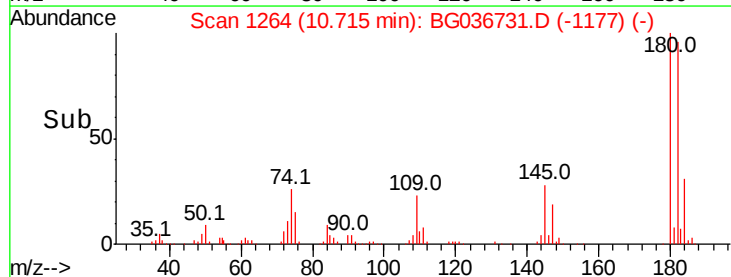
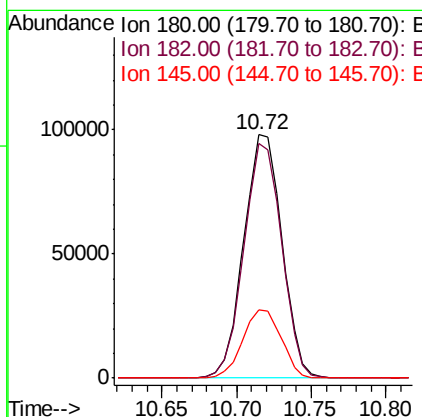
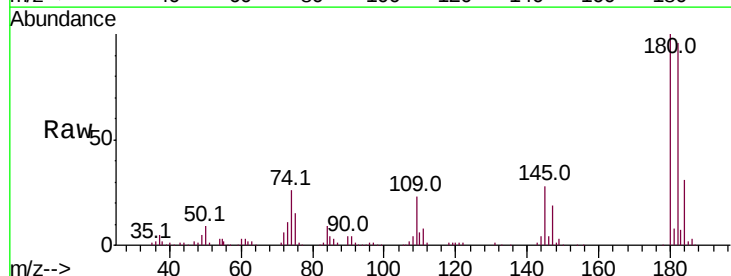
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

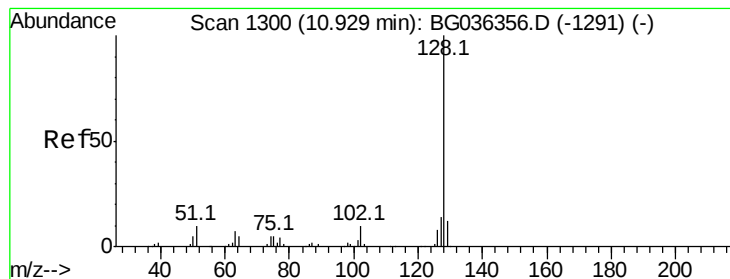
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	47.6	87.6
98	33.8	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.008 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	27.9	22.9	34.3





#31

Naphthalene

Concen: 41.498 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

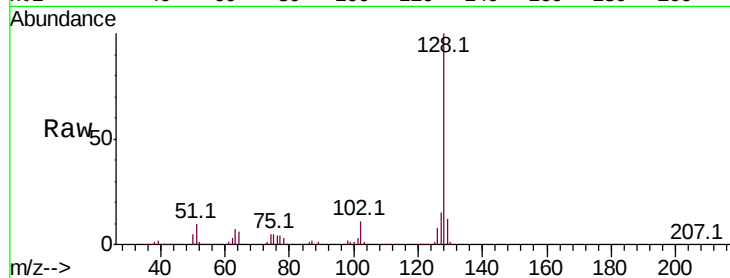
Tot Ion:128 Resp: 494322

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

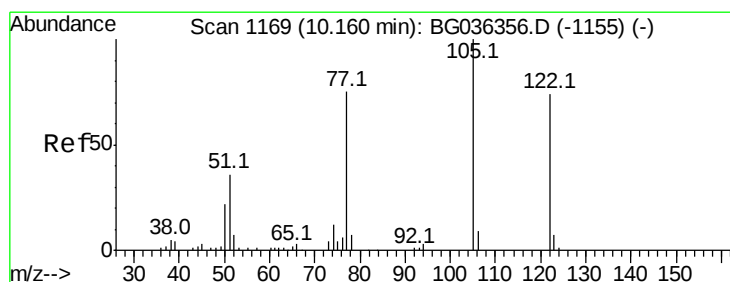
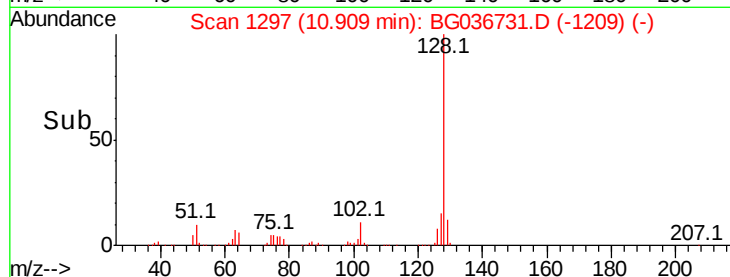
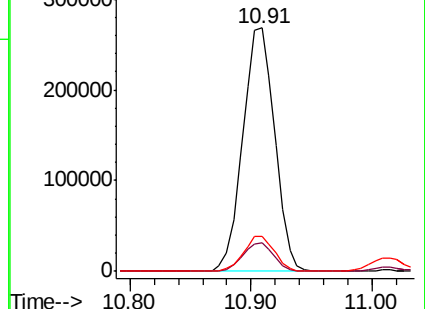
127 14.6 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.304 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

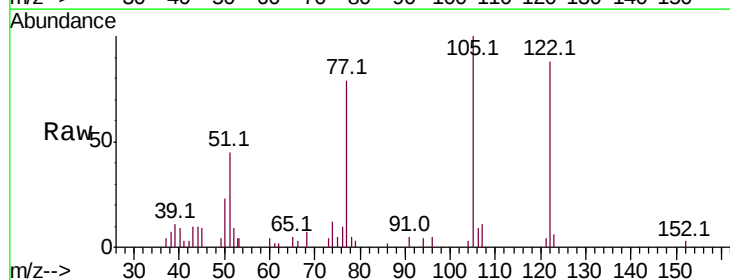
Tgt Ion:122 Resp: 16548

Ion Ratio Lower Upper

122 100

105 113.5 108.1 148.1

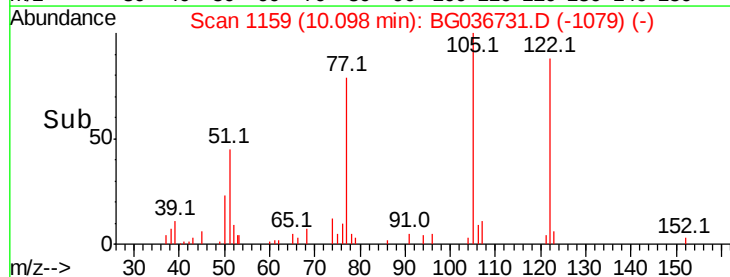
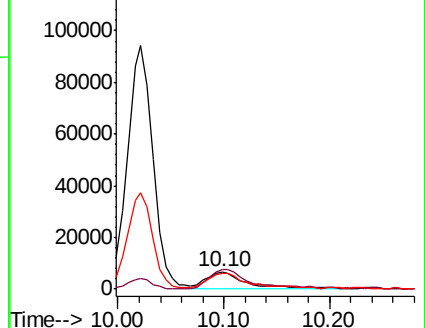
77 90.1 76.3 116.3

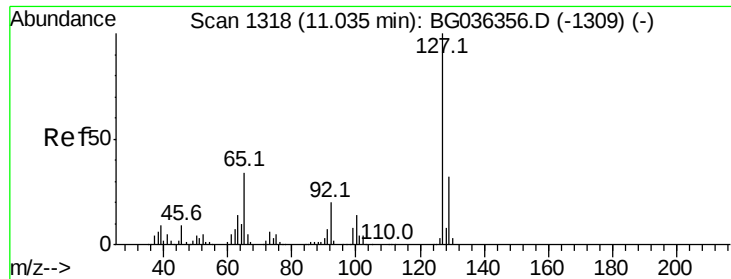


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#33

4-Chloroaniline

Concen: 5.548 ng

RT: 11.01 min Scan# 1315

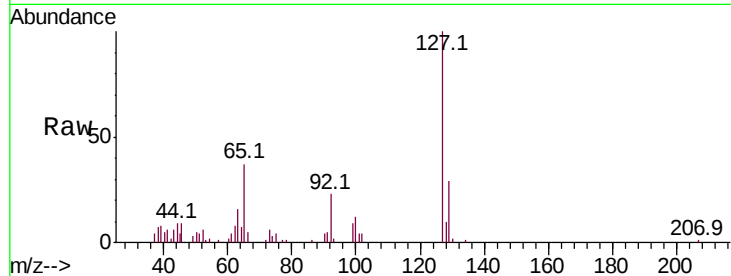
Delta R.T. -0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion:	127	Resp:	30283
Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.9	38.9
65	37.1	27.5	41.3
92	22.8	16.2	24.2

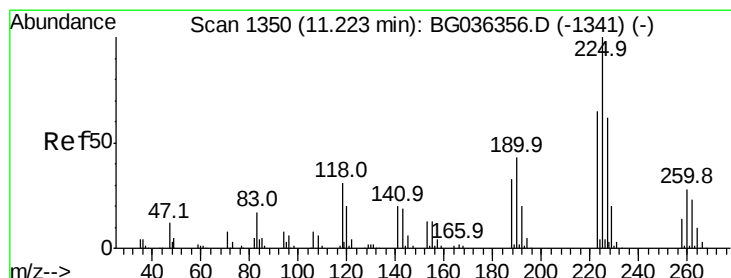
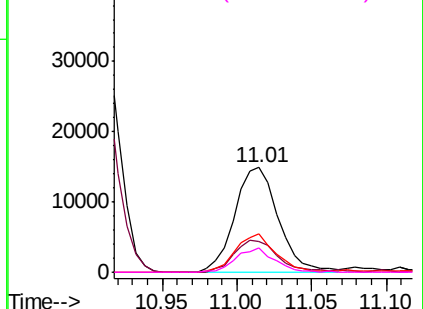
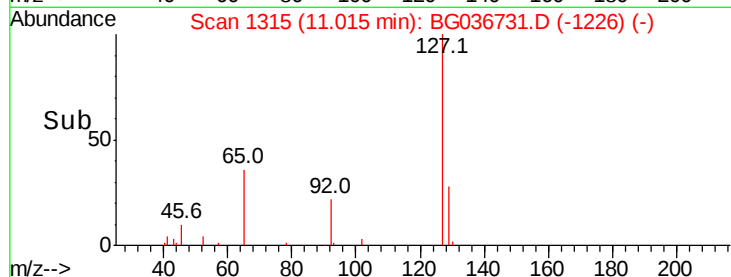


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34

Hexachlorobutadiene

Concen: 39.334 ng

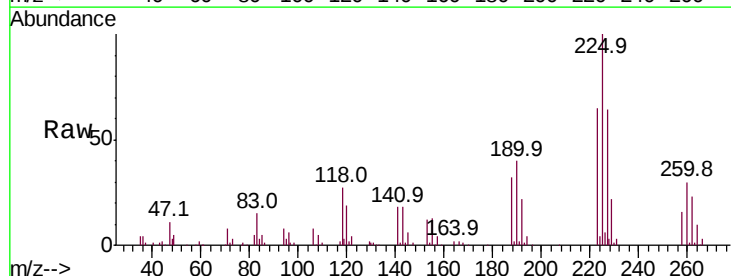
RT: 11.19 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

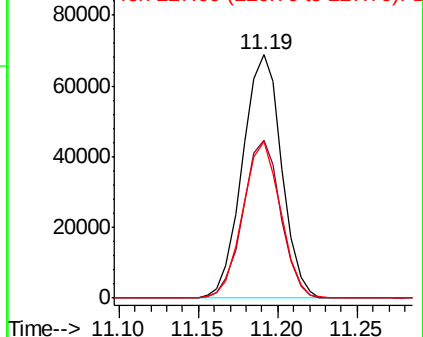
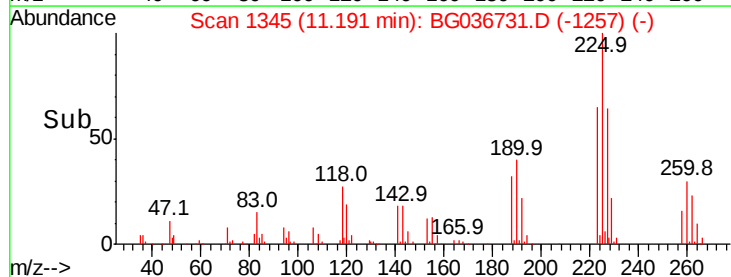
Tgt Ion:	225	Resp:	117725
Ion	Ratio	Lower	Upper
225	100		
223	65.1	51.8	77.8
227	64.1	49.8	74.6

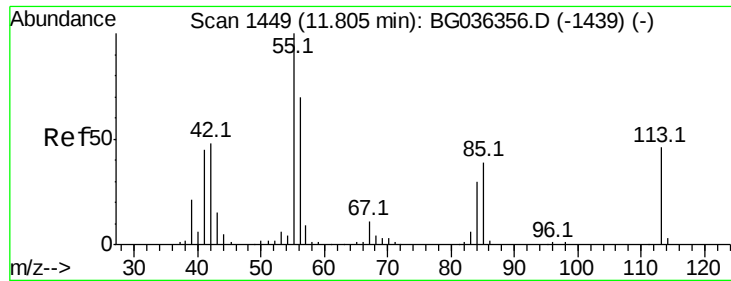


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.430 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

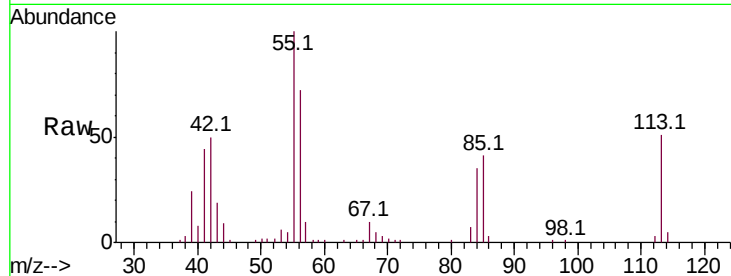
Tot Ion:113 Resp: 53745

Ion Ratio Lower Upper

113 100

55 197.6 197.7 237.7#

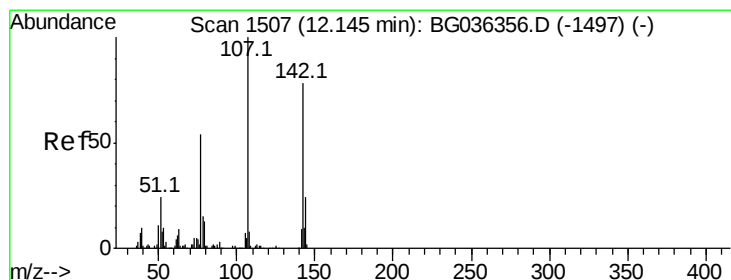
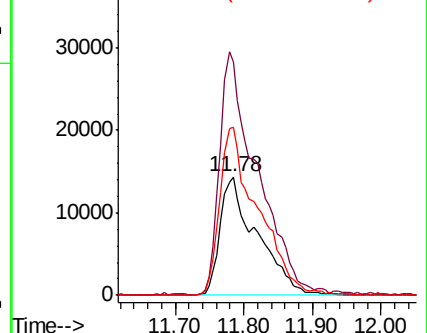
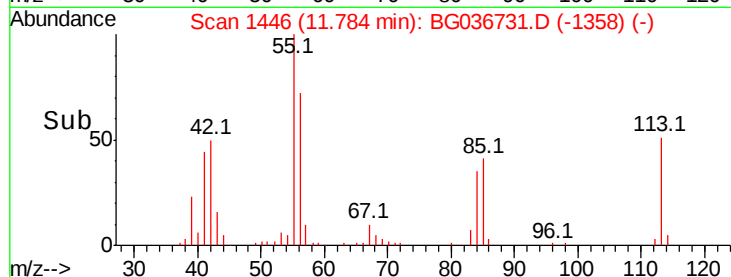
56 142.4 131.7 171.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.094 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

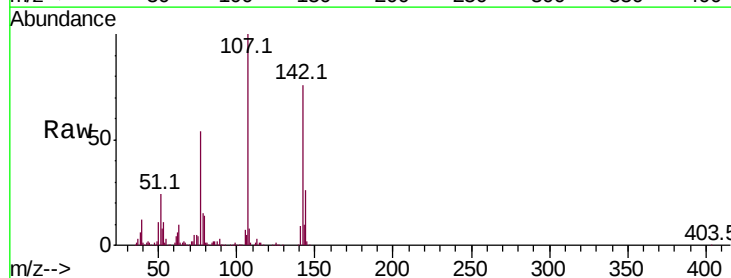
Tgt Ion:107 Resp: 199525

Ion Ratio Lower Upper

107 100

144 26.0 19.5 29.3

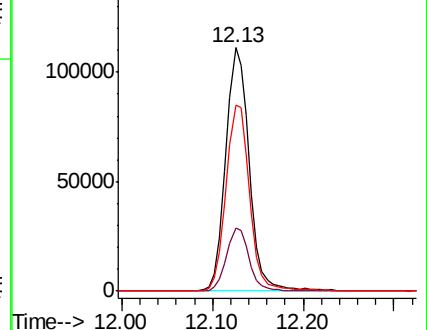
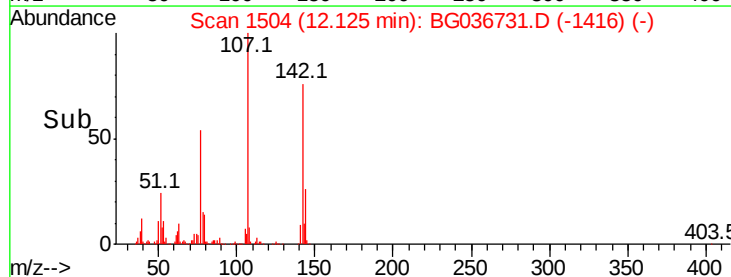
142 76.4 62.4 93.6

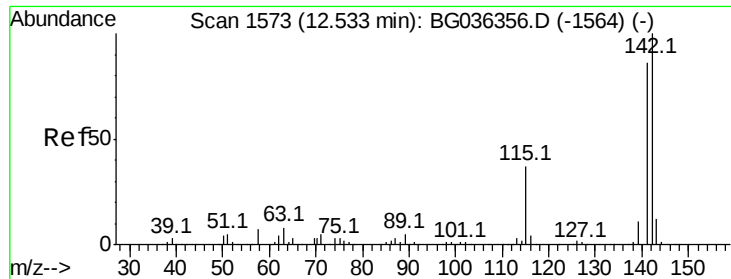


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

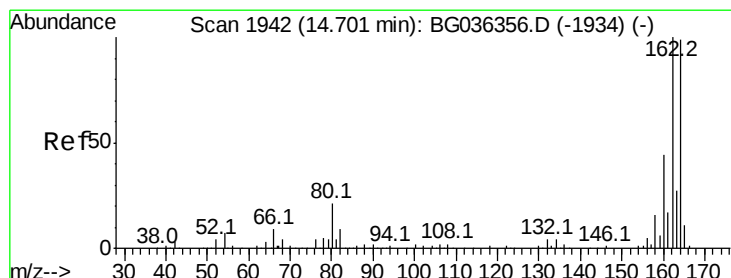
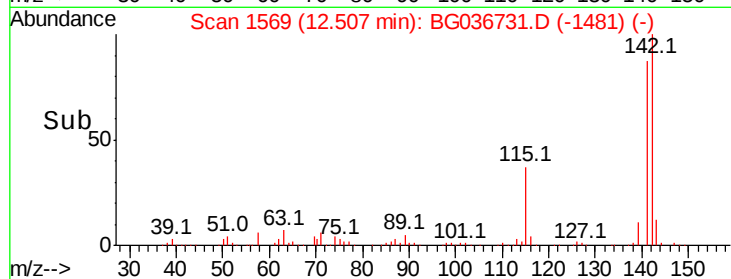
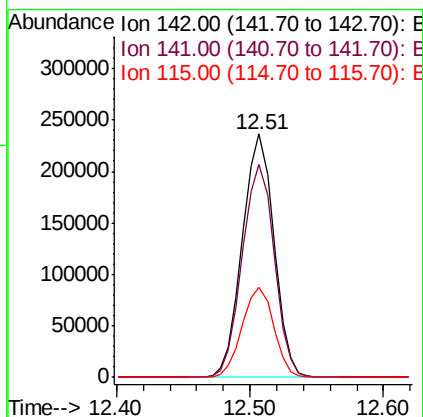
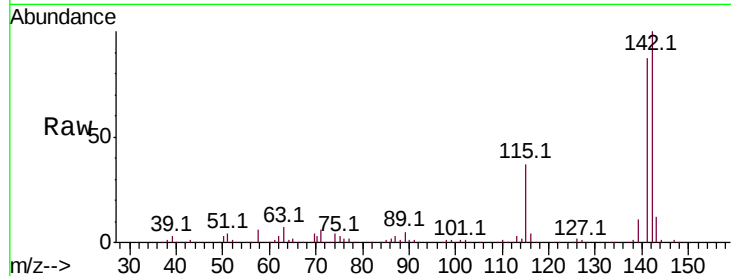




#37
 2-Methylnaphthalene
 Concen: 44.504 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

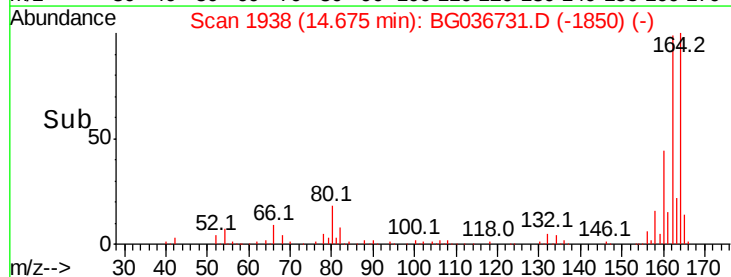
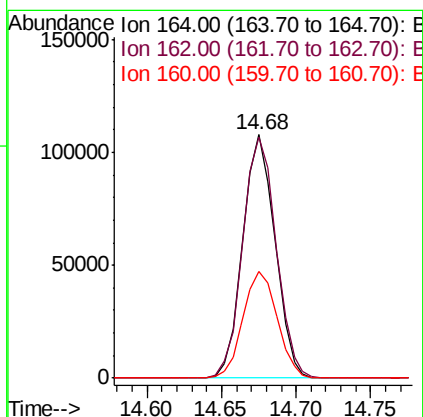
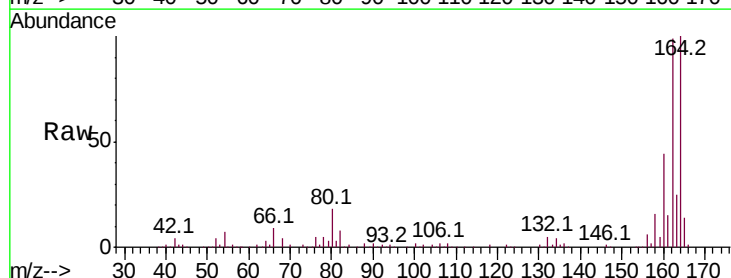
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

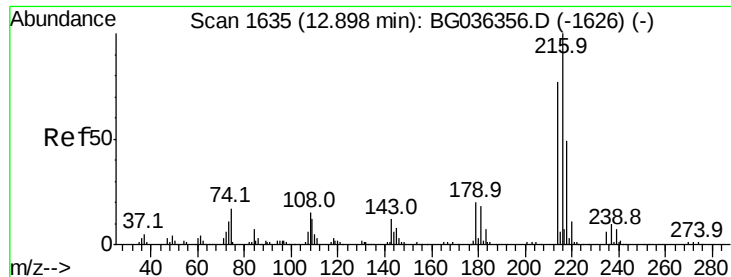
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	68.5	102.7
115	37.1	29.8	44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.7	121.1
160	43.6	35.3	52.9

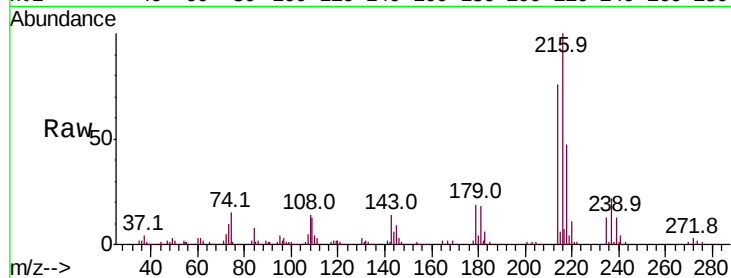




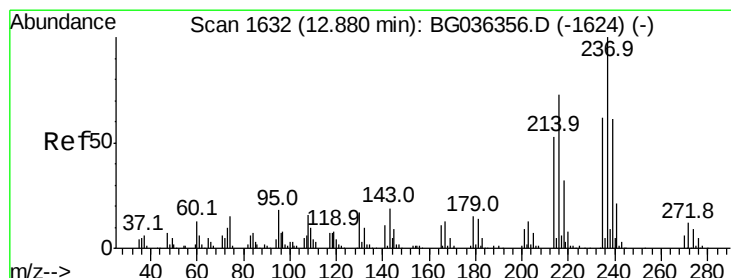
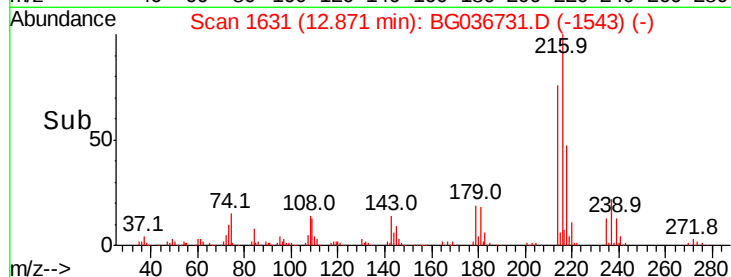
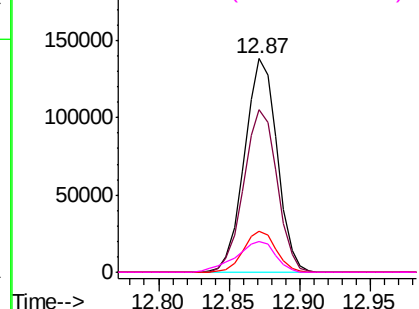
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.975 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion:	216	Resp:	223031
Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.0	91.6
179	19.3	15.7	23.5
108	17.3	13.1	19.7

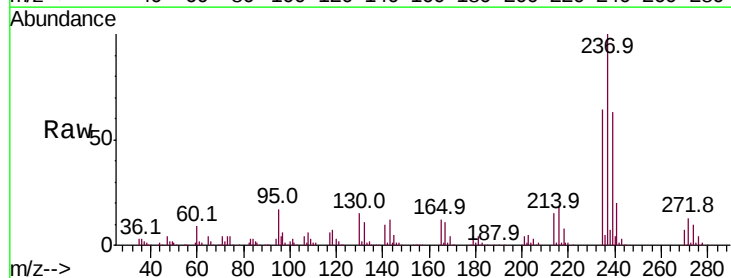


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

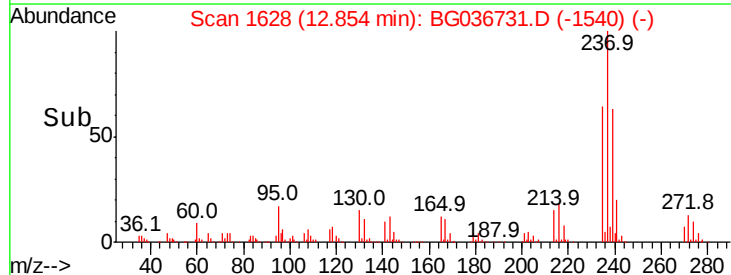
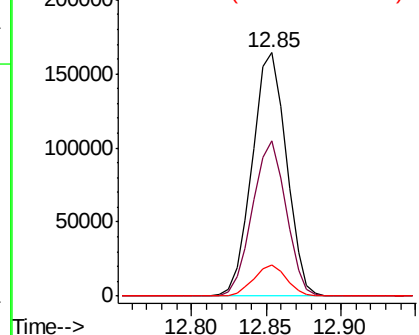


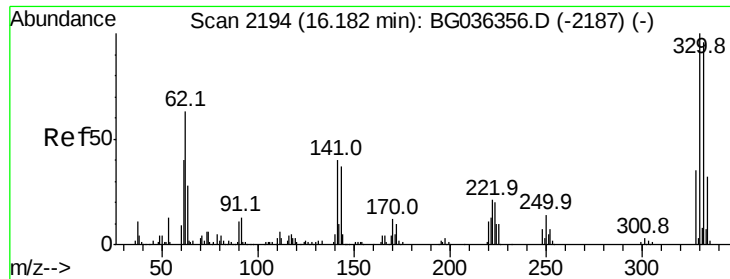
#40
 Hexachlorocyclopentadiene
 Concen: 87.043 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion:	237	Resp:	259160
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.2	82.2
272	12.6	0.0	32.1



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

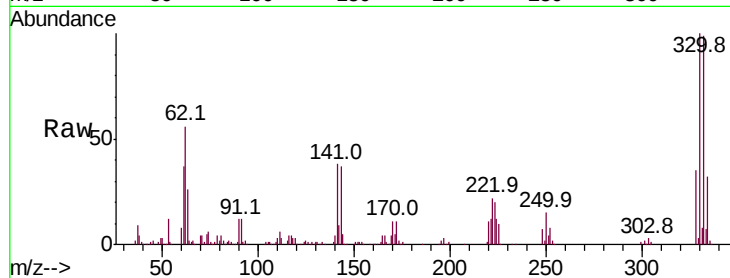




#41
 2,4,6-Tribromophenol
 Concen: 127.905 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.2
141	36.5	30.7	46.1

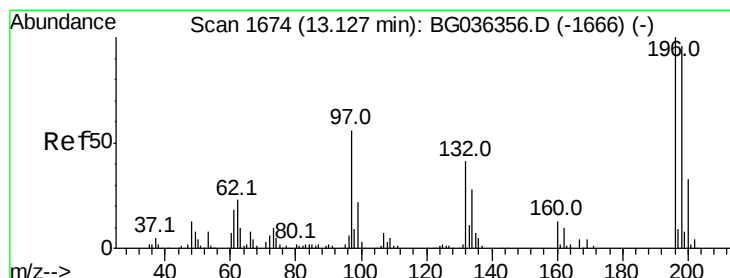
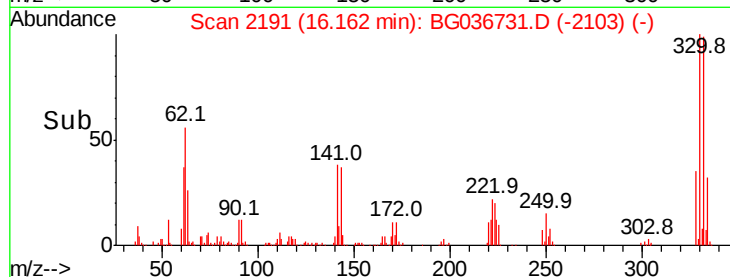
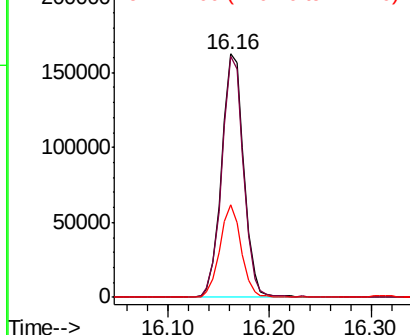


Abundance

Ion 329.80 (329.50 to 330.50): E

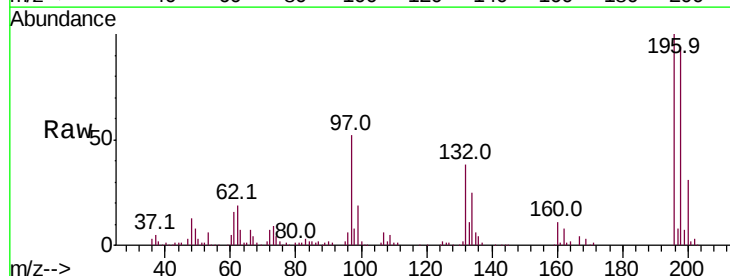
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.370 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.2	115.8
200	30.9	26.3	39.5

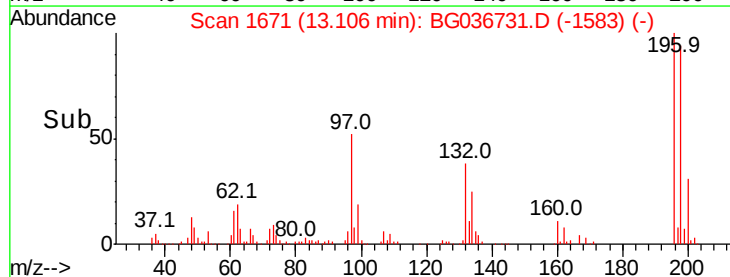
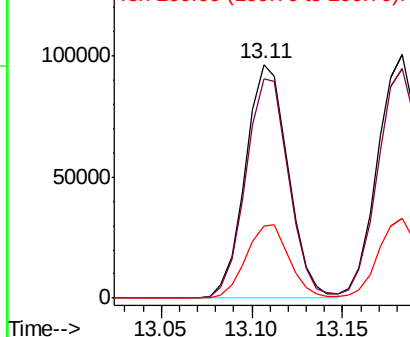


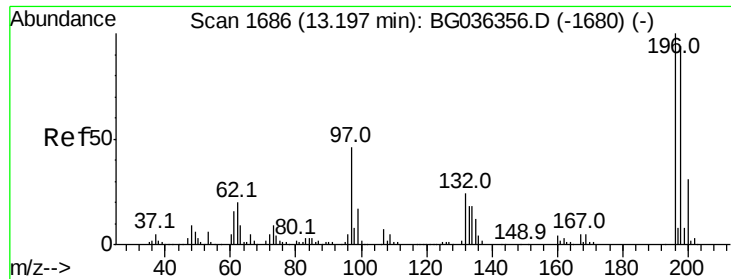
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

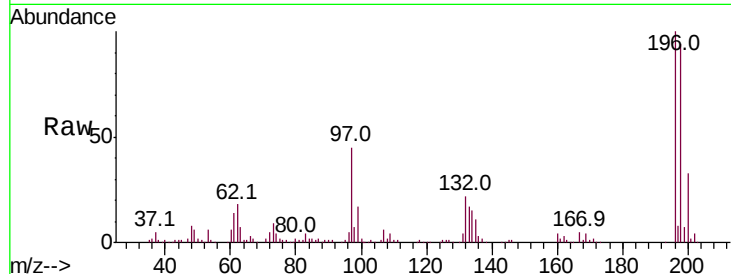




#43
 2,4,5-Trichlorophenol
 Concen: 45.166 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.6	113.4
97	44.5	37.2	55.8
132	22.2	19.4	29.2



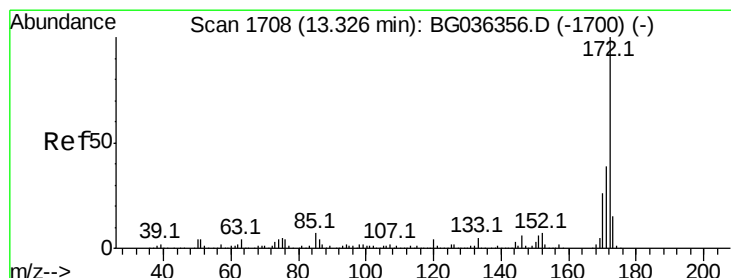
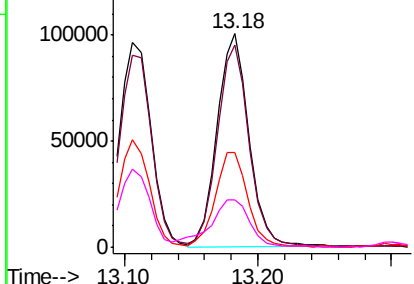
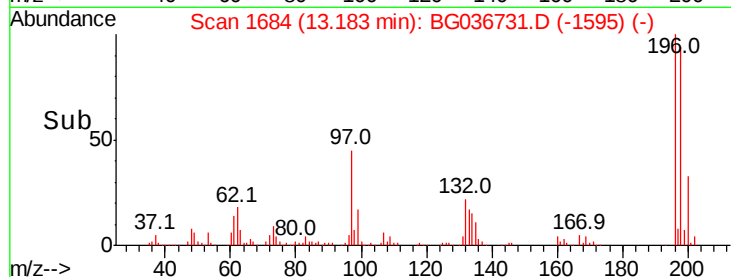
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

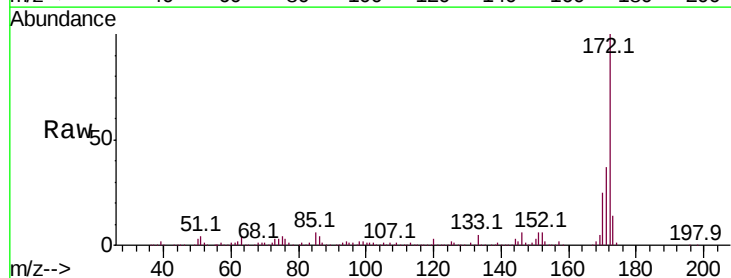
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.735 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.3	46.9
170	25.5	21.0	31.6

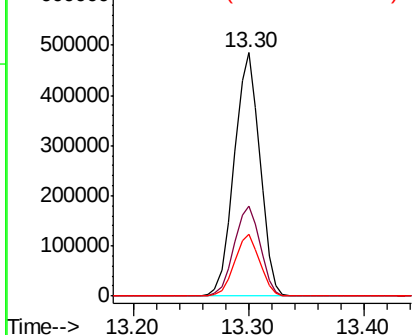
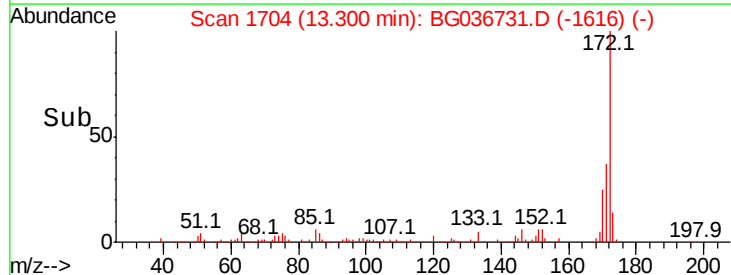


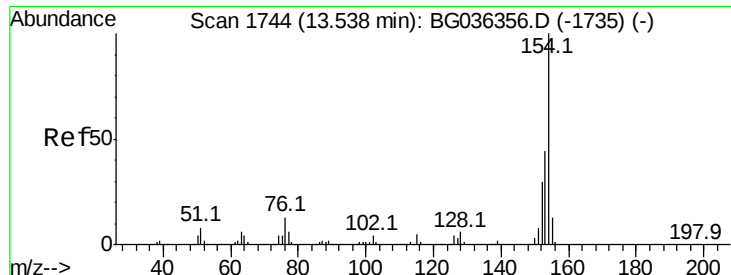
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

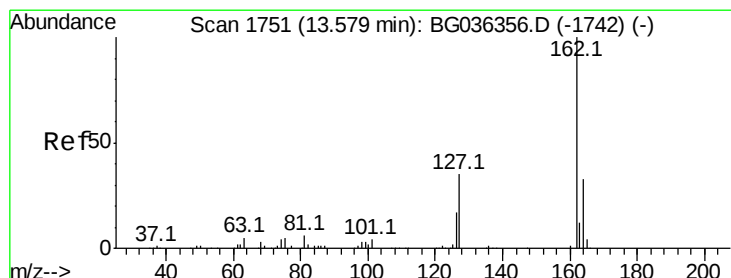
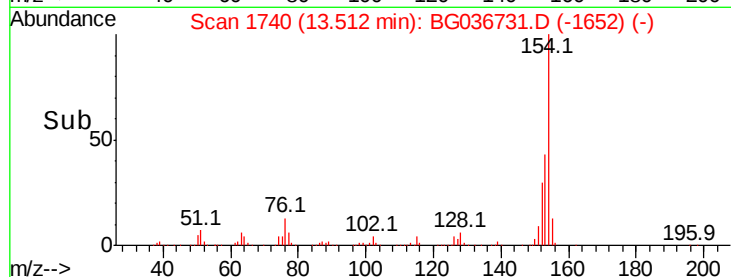
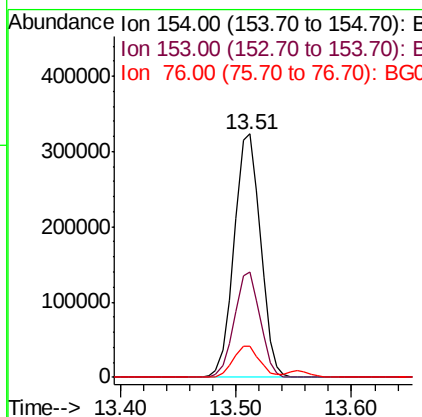
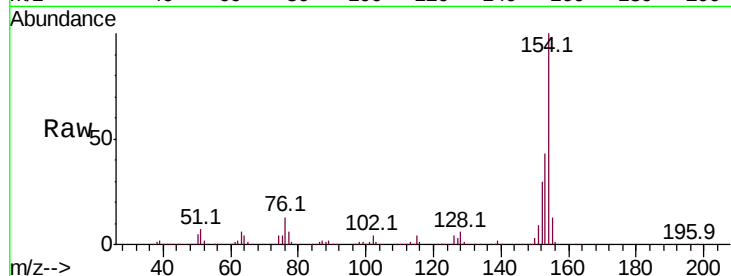




#45
 1,1'-Biphenyl
 Concen: 38.122 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

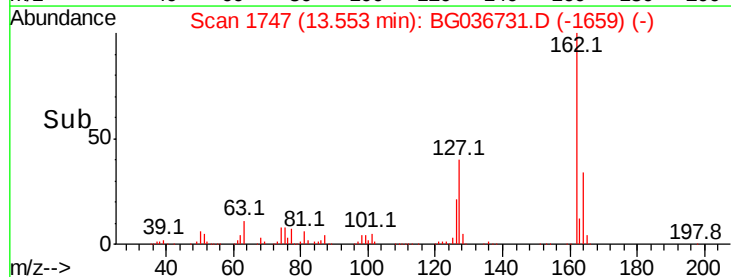
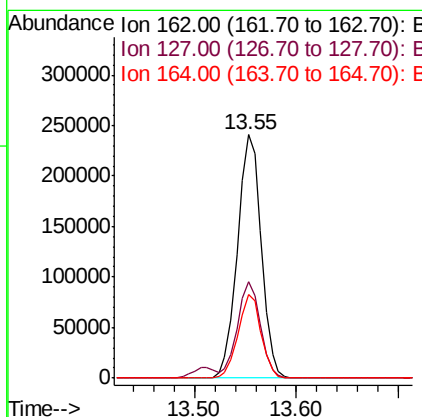
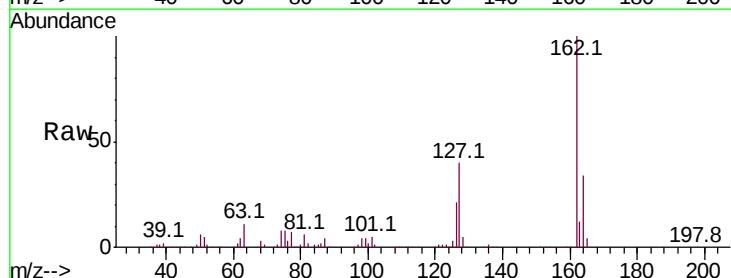
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

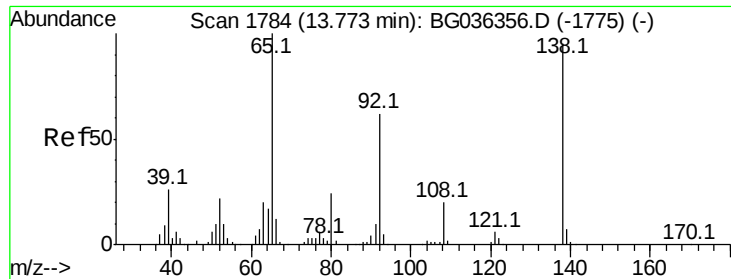
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	24.0	64.0
76	12.8	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 38.170 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.7	46.1
164	34.2	26.7	40.1

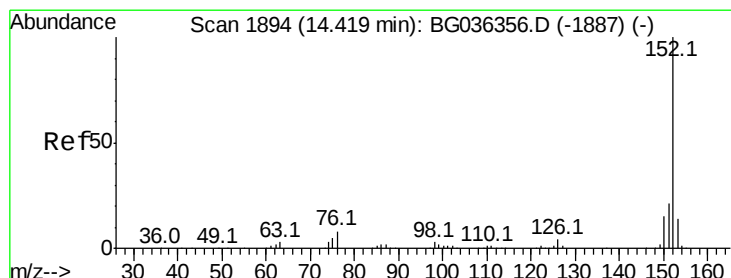
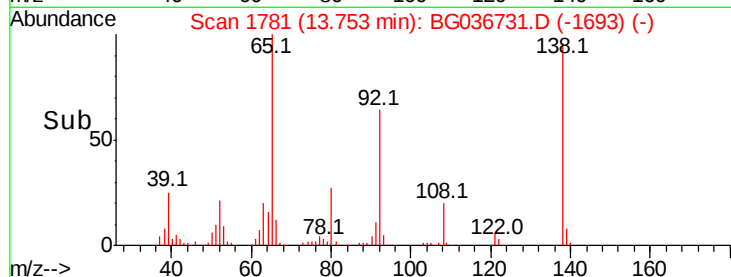
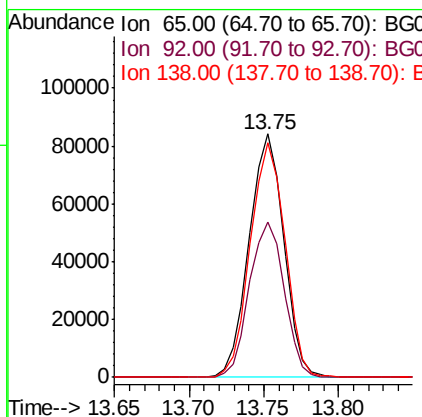
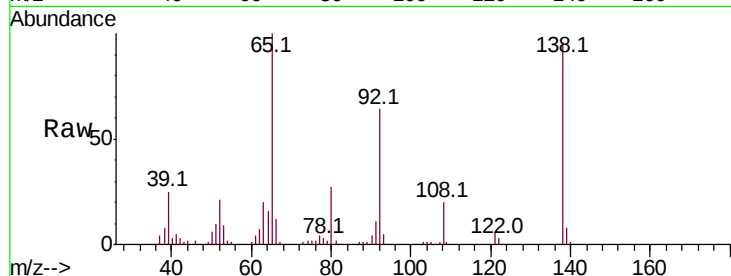




#47
2-Nitroaniline
Concen: 41.967 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

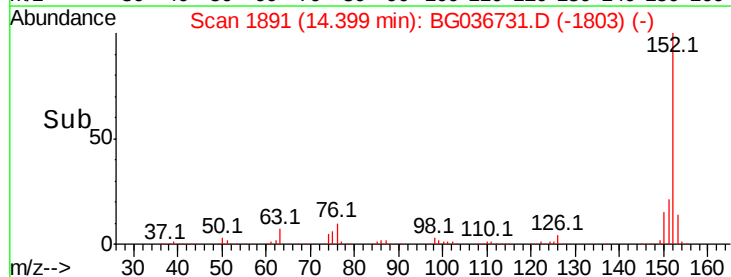
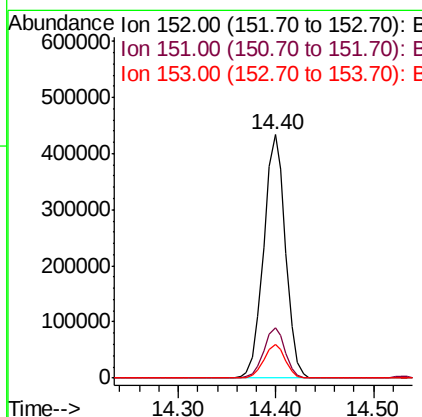
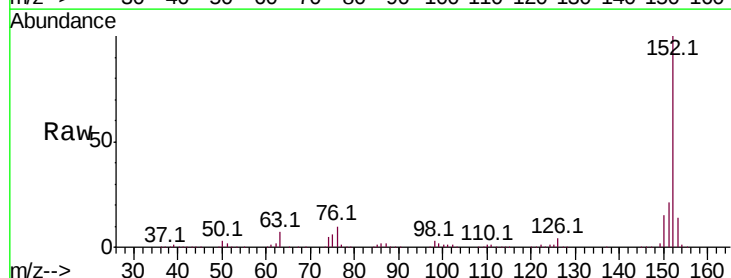
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion: 65 Resp: 135037
Ion Ratio Lower Upper
65 100
92 64.0 49.9 74.9
138 96.1 76.2 114.4



#48
Acenaphthylene
Concen: 42.641 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion: 152 Resp: 682870
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.0 11.2 16.8

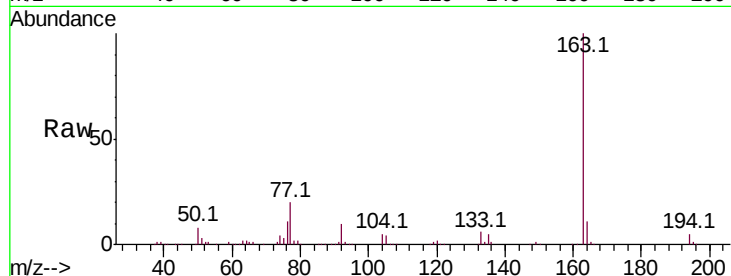




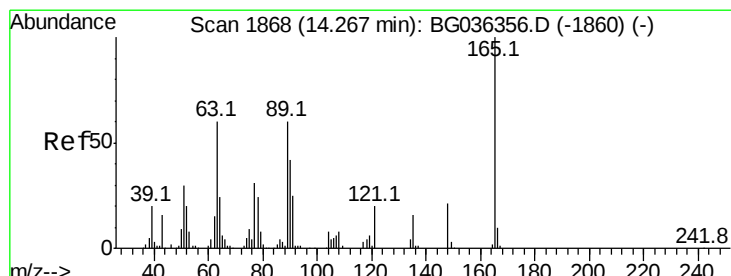
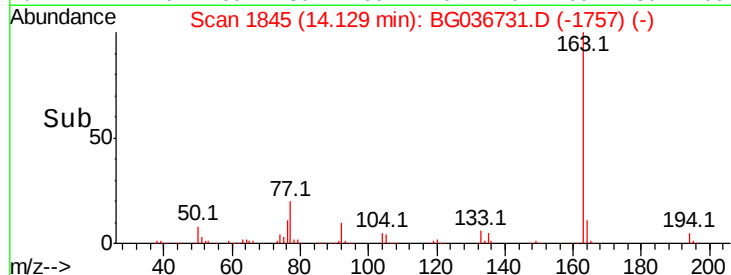
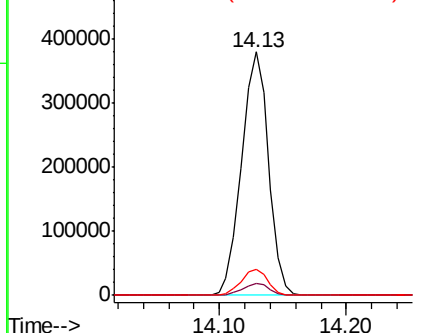
#49
Dimethylphthalate
Concen: 42.184 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion:163 Resp: 556990
Ion Ratio Lower Upper
163 100
194 4.7 4.0 6.0
164 10.5 8.1 12.1

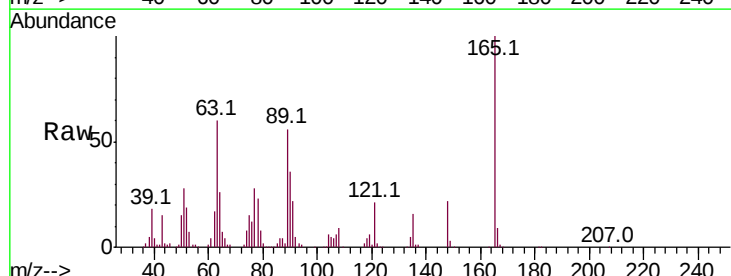


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

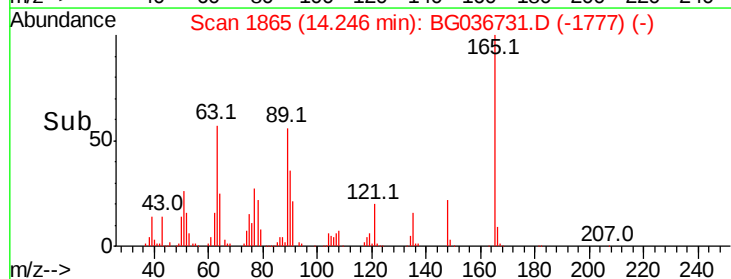
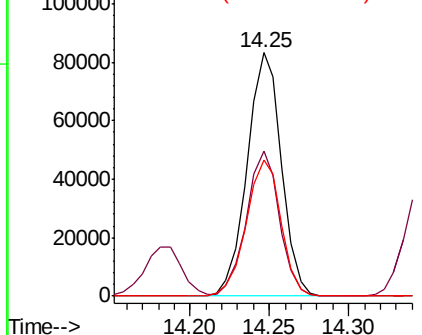


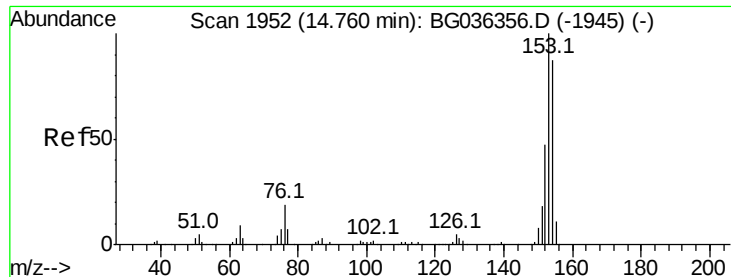
#50
2,6-Dinitrotoluene
Concen: 45.760 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:165 Resp: 124328
Ion Ratio Lower Upper
165 100
63 59.8 50.1 75.1
89 56.2 47.8 71.6



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





#51

Acenaphthene

Concen: 40.162 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

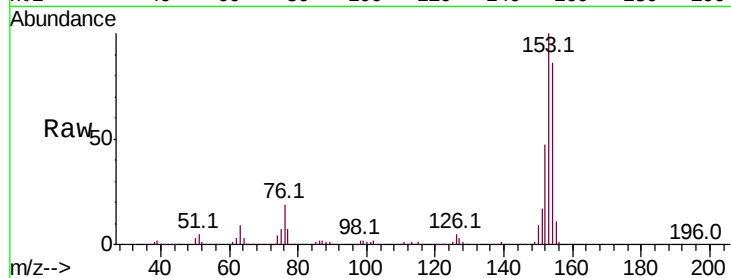
Tot Ion:154 Resp: 411914

Ion Ratio Lower Upper

154 100

153 116.0 91.8 137.6

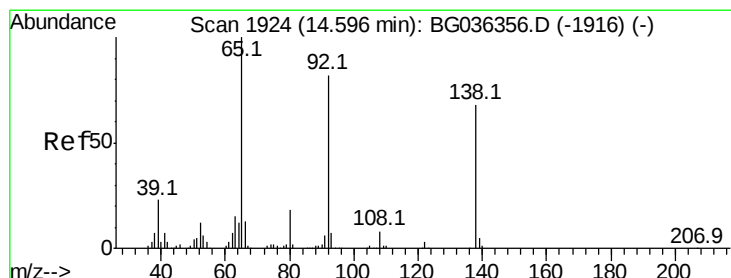
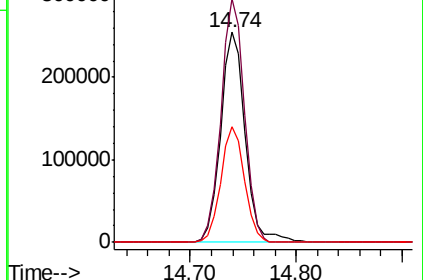
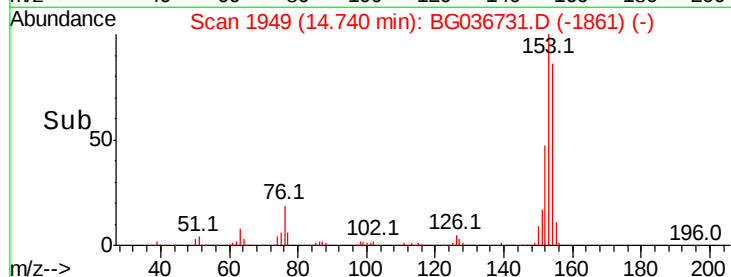
152 54.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.520 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

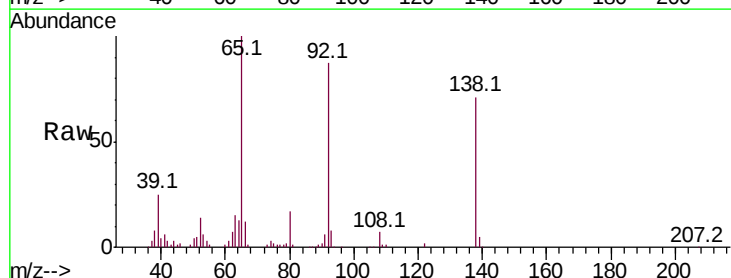
Tgt Ion:138 Resp: 57153

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.2

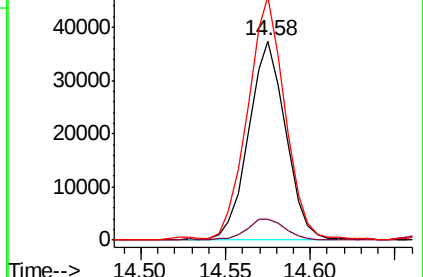
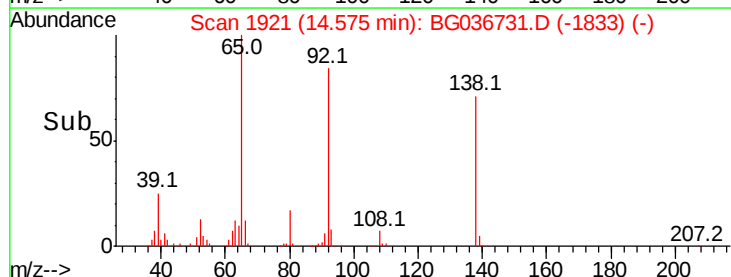
92 122.4 96.8 145.2

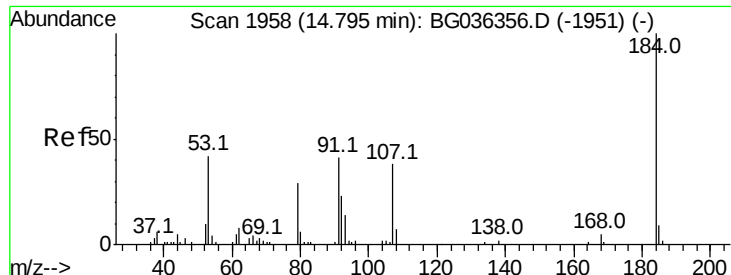


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

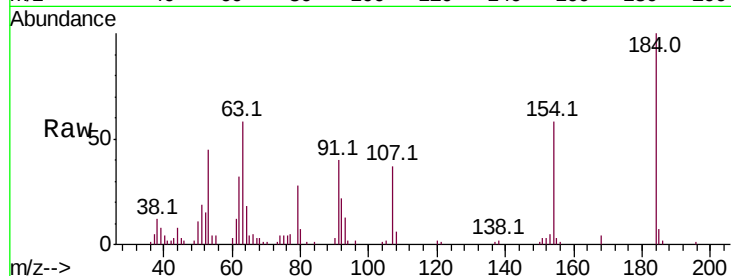




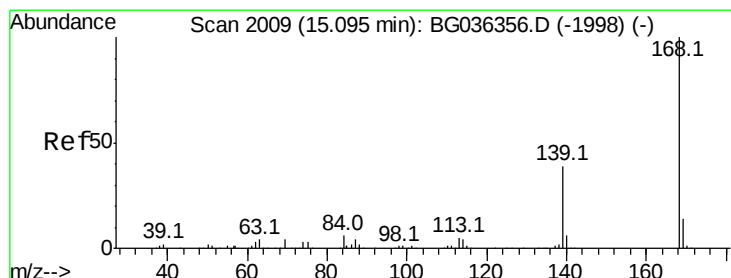
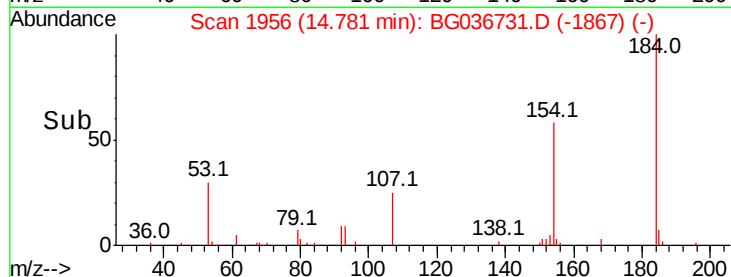
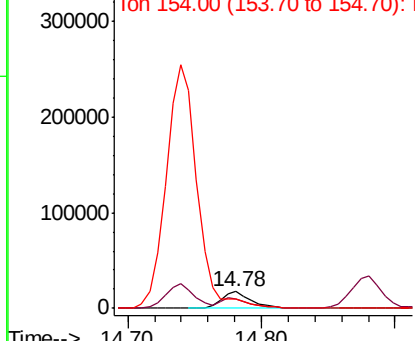
#53
 2,4-Dinitrophenol
 Concen: 26.772 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion:184 Resp: 27552
 Ion Ratio Lower Upper
 184 100
 63 58.0 47.3 70.9
 154 57.8 51.1 76.7

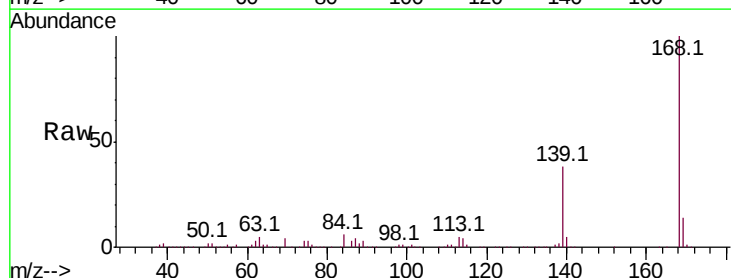


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

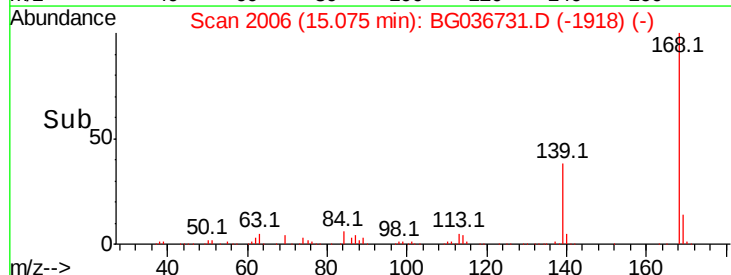
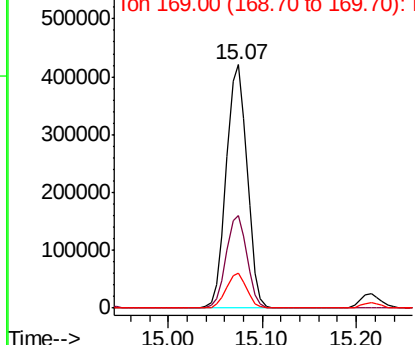


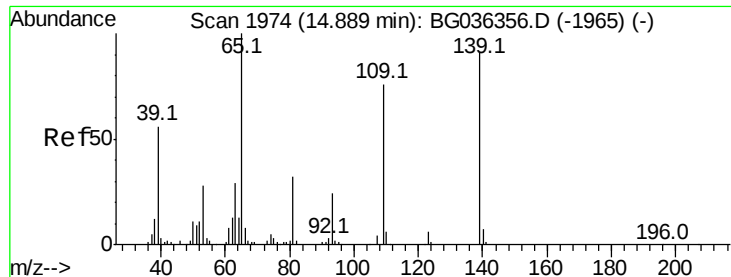
#54
 Dibenzofuran
 Concen: 40.508 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion:168 Resp: 650895
 Ion Ratio Lower Upper
 168 100
 139 37.9 31.0 46.6
 169 14.2 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 69.547 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

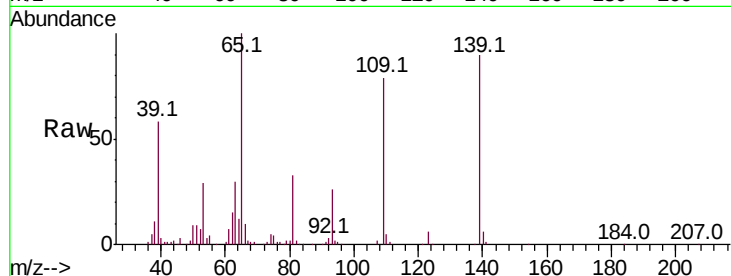
Tot Ion:139 Resp: 166492

Ion Ratio Lower Upper

139 100

109 87.7 63.9 103.9

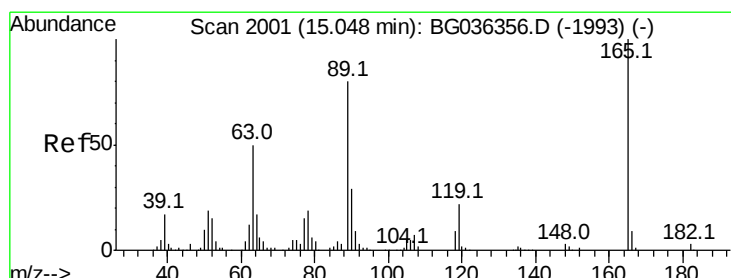
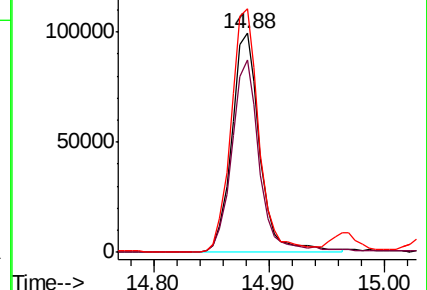
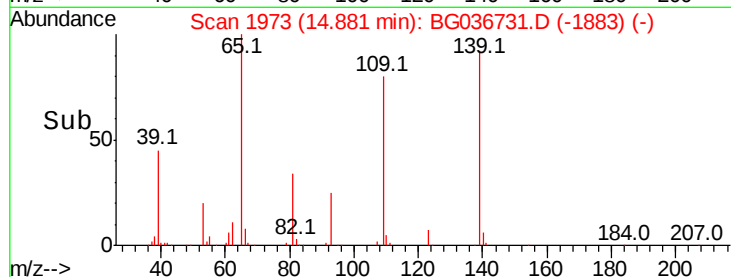
65 111.3 90.0 130.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 48.874 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Tgt Ion:165 Resp: 173065

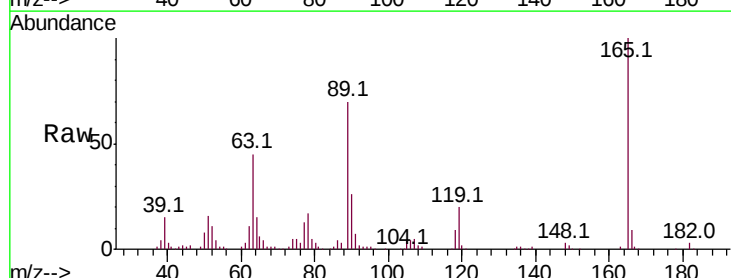
Ion Ratio Lower Upper

165 100

63 45.0 40.1 60.1

89 69.9 63.7 95.5

182 3.1 2.5 3.7

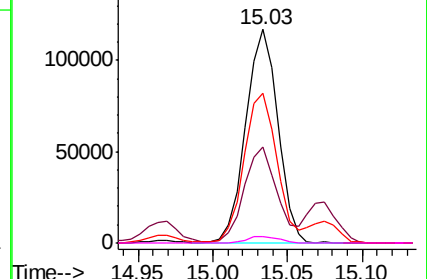
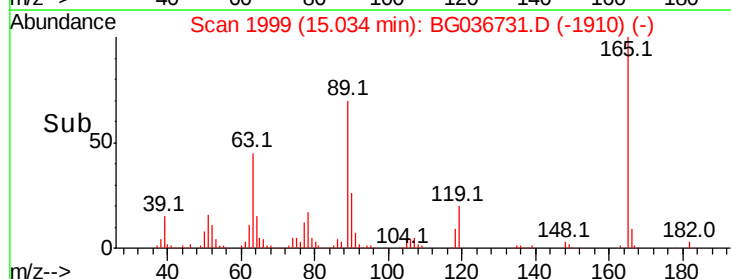


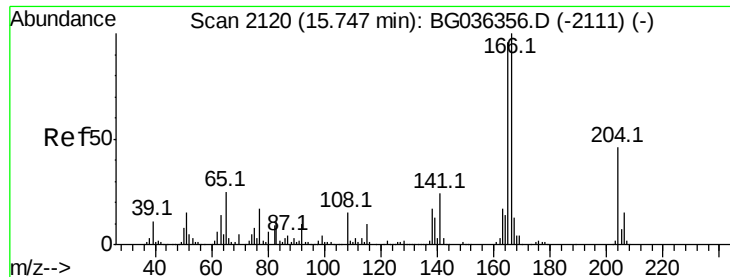
Abundance Ion 165.00 (164.70 to 165.70): E

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

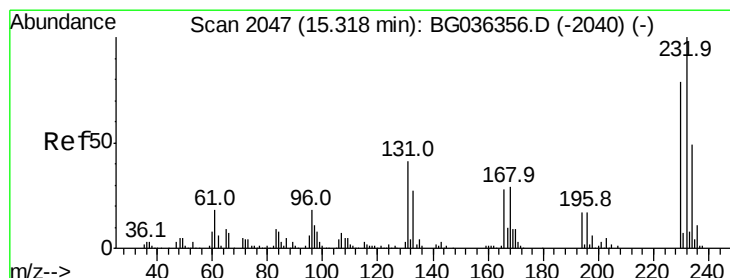
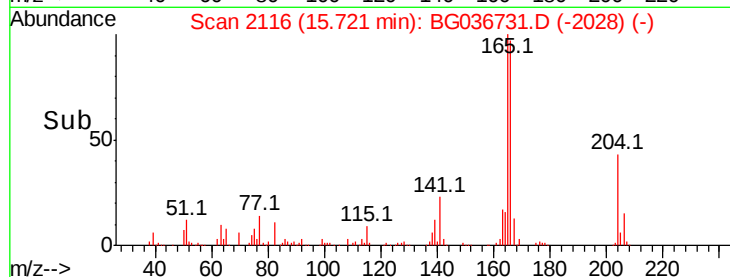
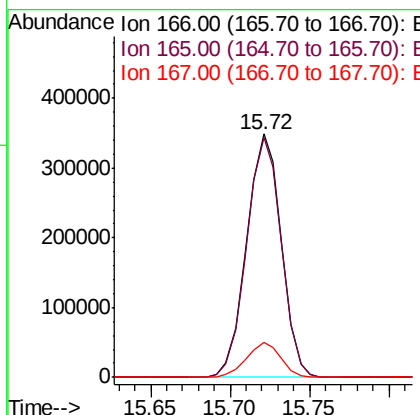
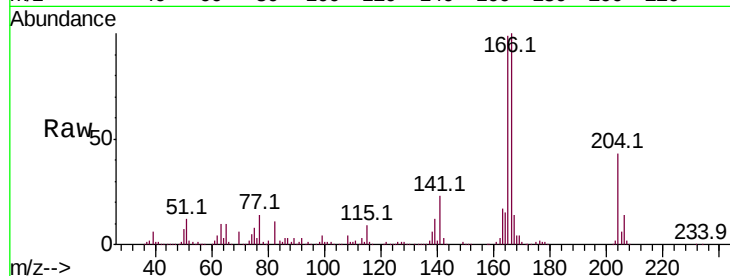




#57
 Fluorene
 Concen: 43.996 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

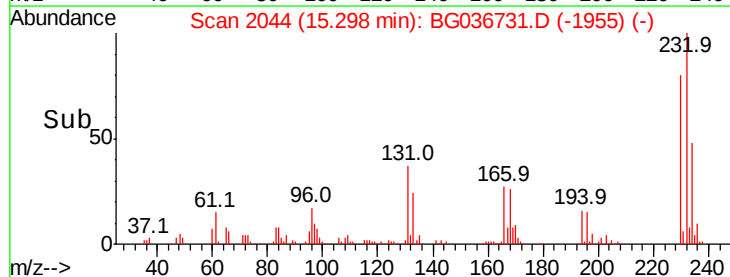
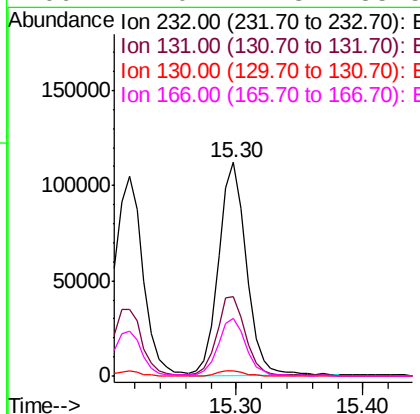
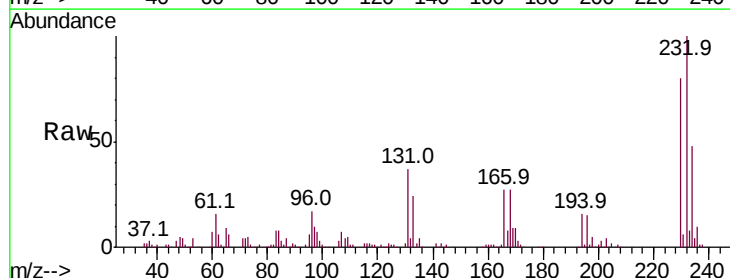
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

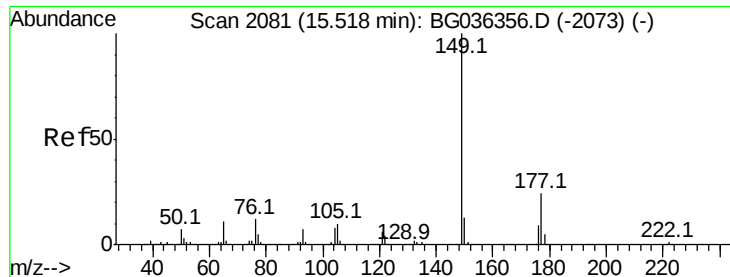
Tot Ion:166 Resp: 528474
 Ion Ratio Lower Upper
 166 100
 165 98.7 77.0 115.4
 167 14.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.417 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion:232 Resp: 169132
 Ion Ratio Lower Upper
 232 100
 131 39.2 33.8 50.8
 130 2.4 2.1 3.1
 166 27.0 22.3 33.5





#59

Diethylphthalate

Concen: 41.520 ng

RT: 15.49 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

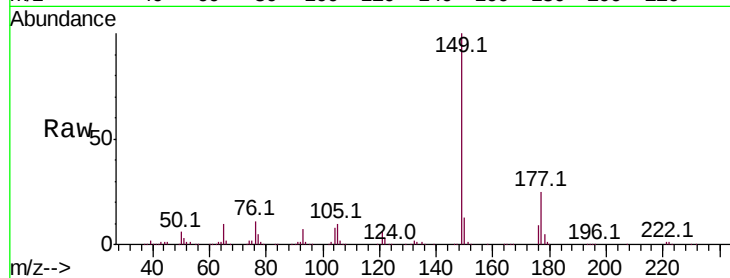
Tot Ion:149 Resp: 552498

Ion Ratio Lower Upper

149 100

177 24.8 19.1 28.7

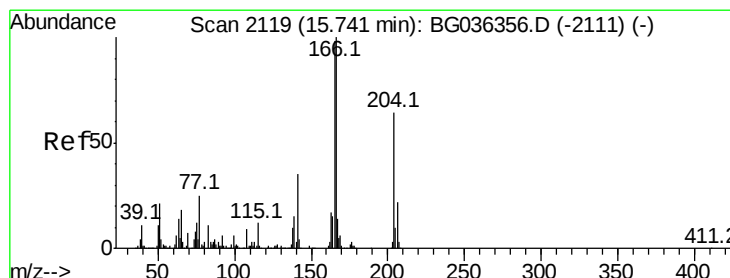
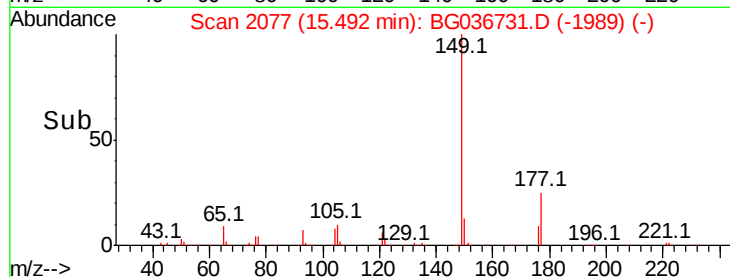
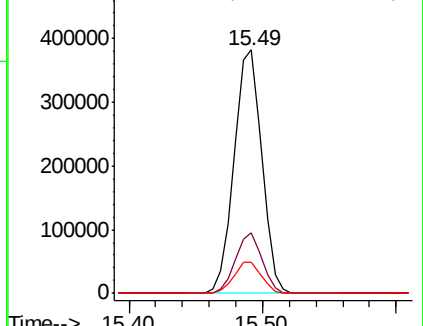
150 12.9 10.7 16.1



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



#60

4-Chlorophenyl-phenylether

Concen: 40.612 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

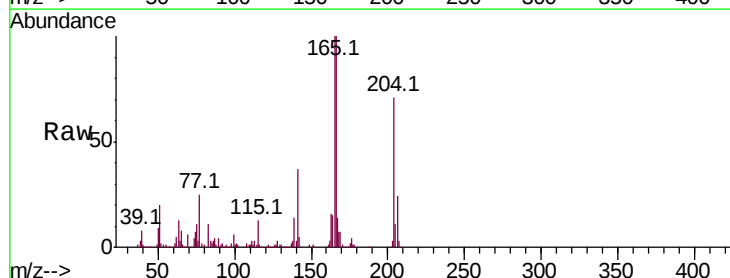
Tgt Ion:204 Resp: 301229

Ion Ratio Lower Upper

204 100

206 33.9 27.0 40.4

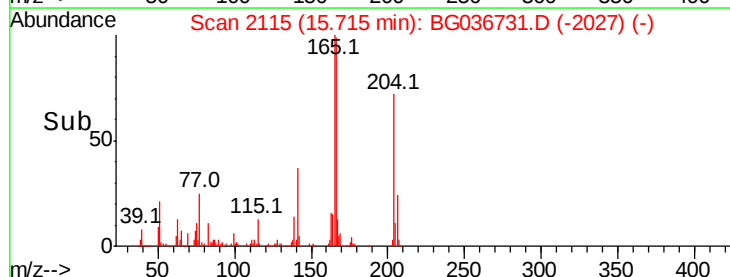
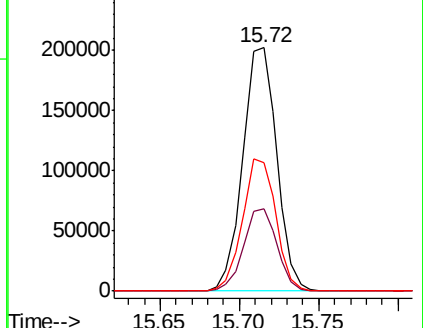
141 52.5 43.8 65.6

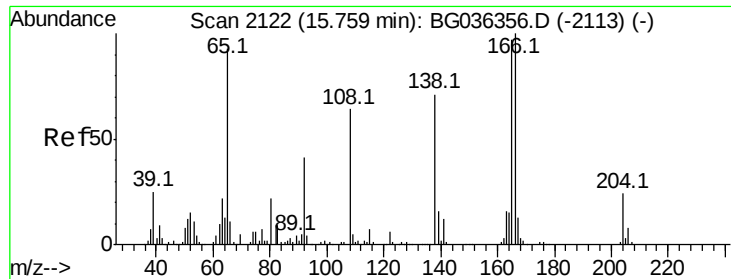


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

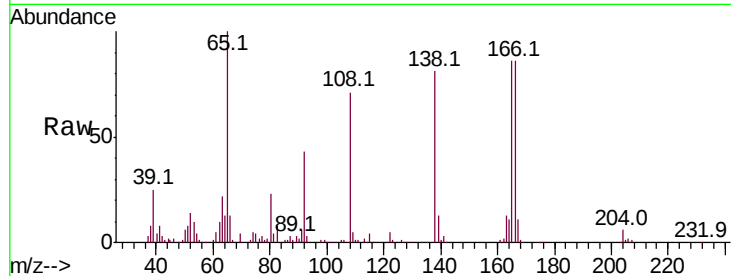




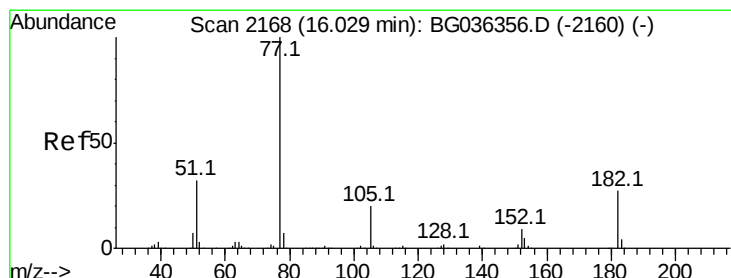
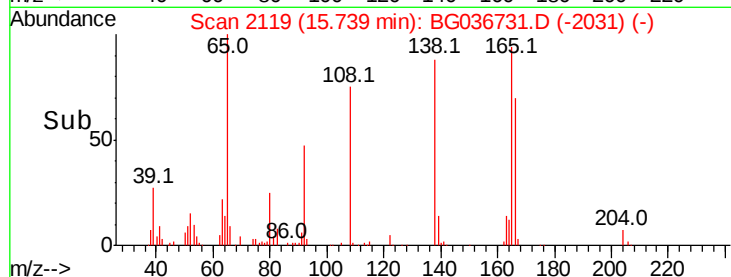
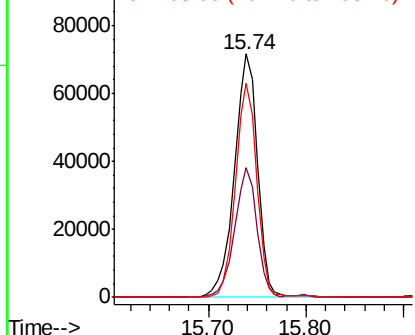
#61
4-Nitroaniline
Concen: 38.613 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion:138 Resp: 118305
Ion Ratio Lower Upper
138 100
92 53.3 38.5 78.5
108 88.0 70.3 110.3

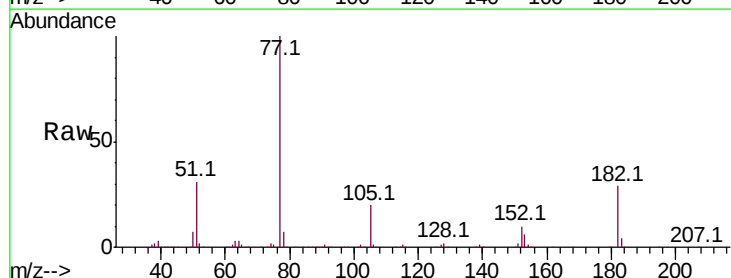


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

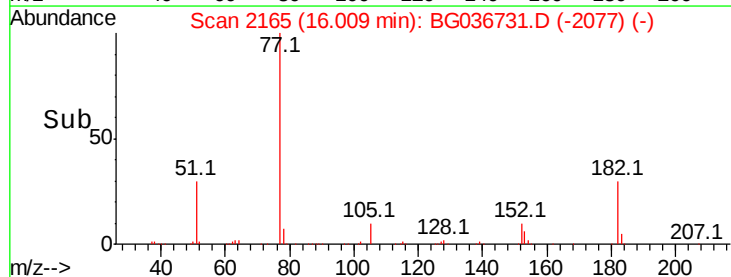
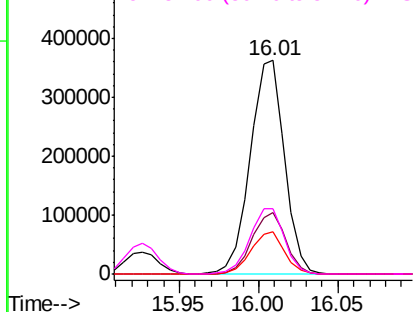


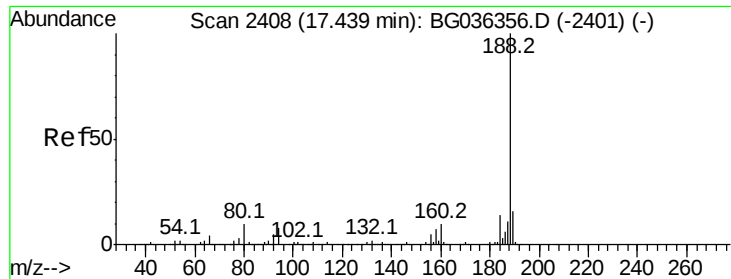
#62
Azobenzene
Concen: 40.110 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion: 77 Resp: 543054
Ion Ratio Lower Upper
77 100
182 28.9 6.7 46.7
105 19.7 0.0 39.8
51 30.8 12.4 52.4



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

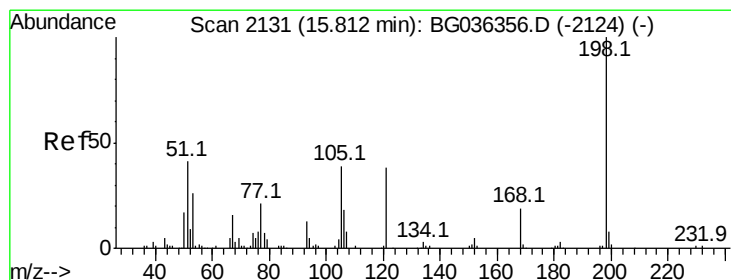
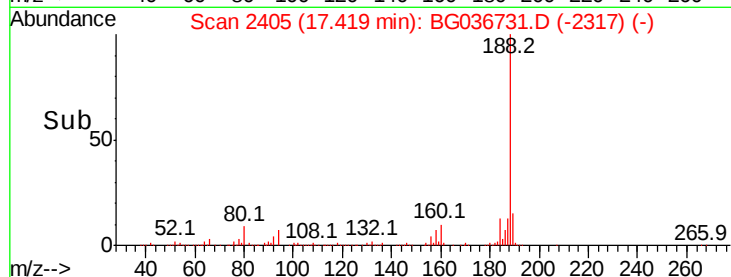
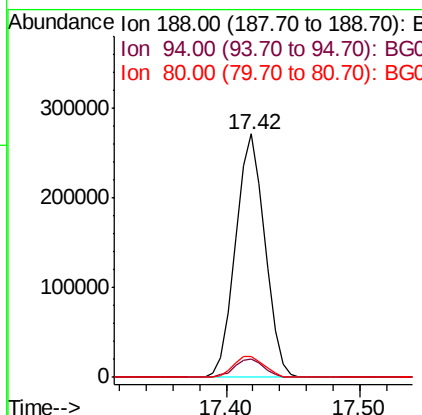
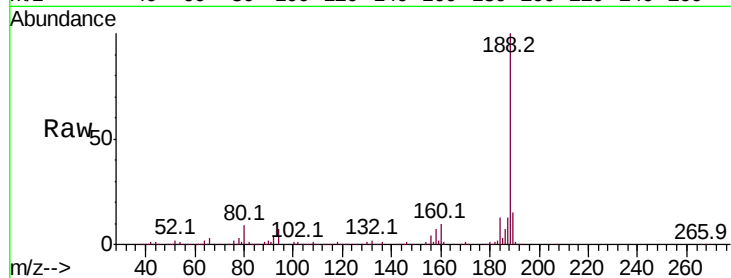




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

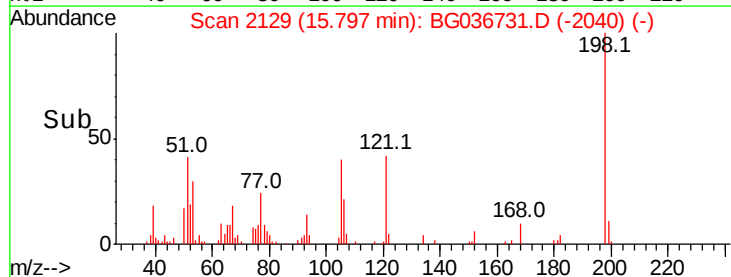
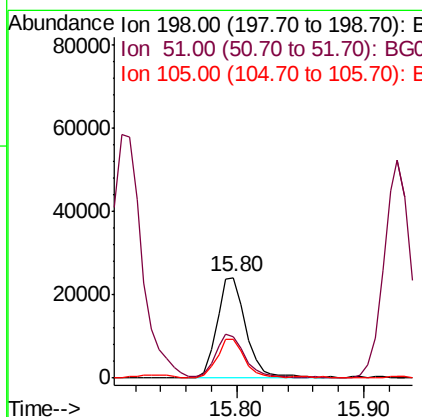
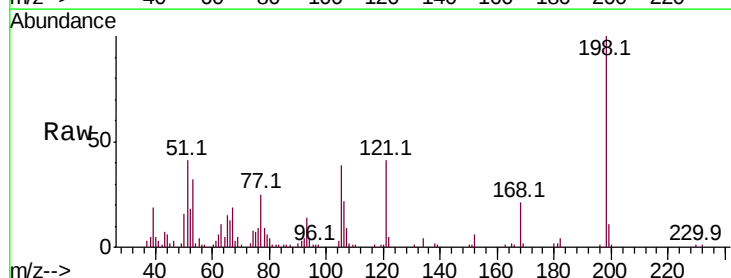
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

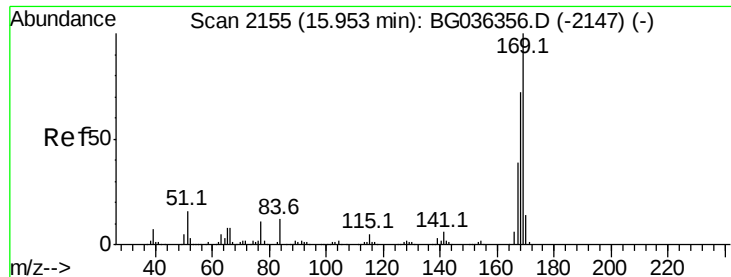
Tot Ion:188 Resp: 413360
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.7 8.1 12.1



#64
4,6-Dinitro-2-methylphenol
Concen: 21.197 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:198 Resp: 38490
Ion Ratio Lower Upper
198 100
51 41.3 26.5 66.5
105 39.0 20.2 60.2





#65

n-Nitrosodiphenylamine

Concen: 39.804 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

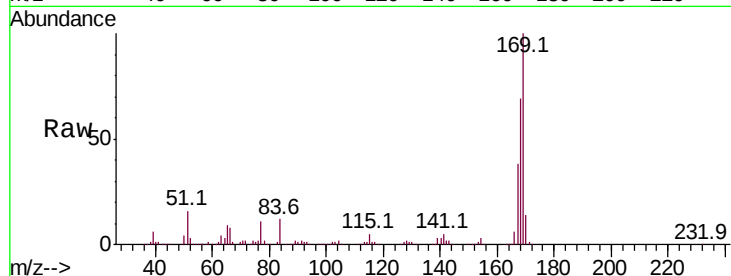
Tot Ion:169 Resp: 488892

Ion Ratio Lower Upper

169 100

168 69.3 57.6 86.4

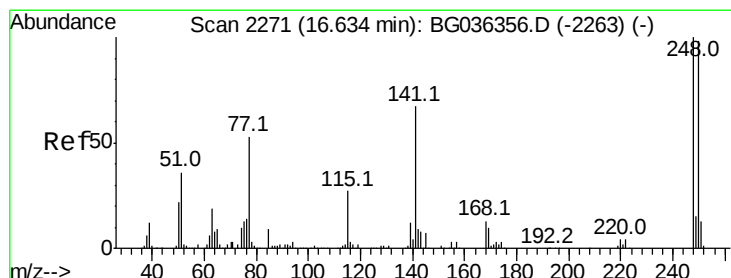
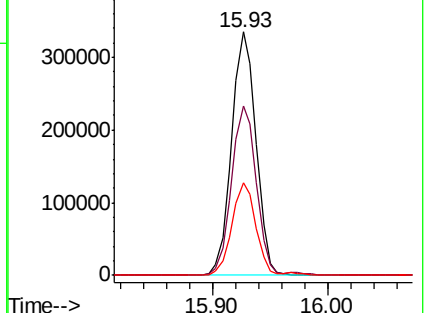
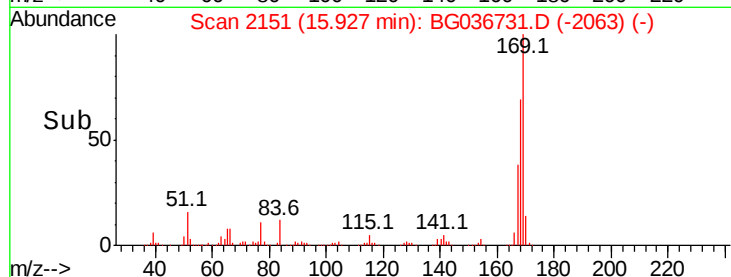
167 38.0 31.0 46.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.531 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

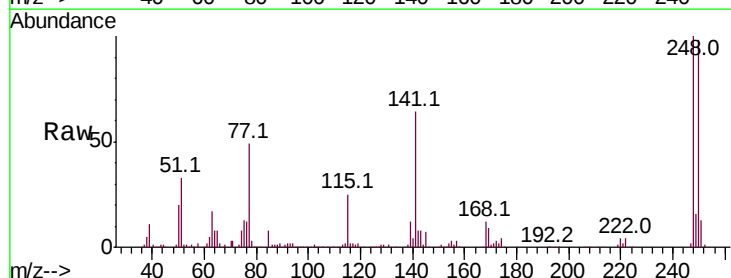
Tgt Ion:248 Resp: 200994

Ion Ratio Lower Upper

248 100

250 98.4 78.1 117.1

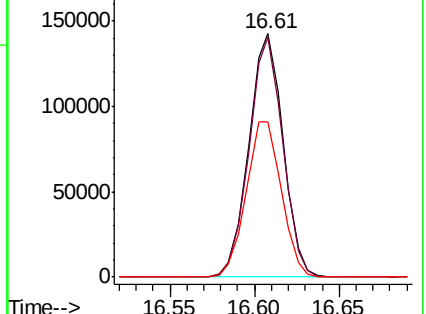
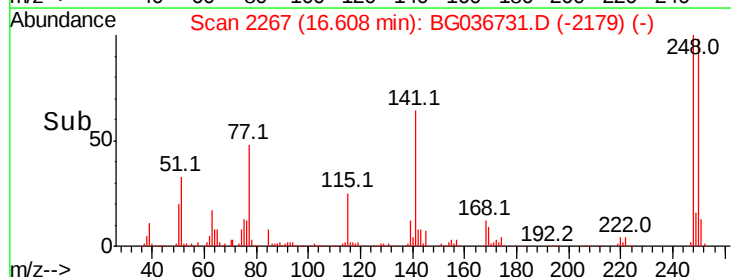
141 63.8 53.7 80.5

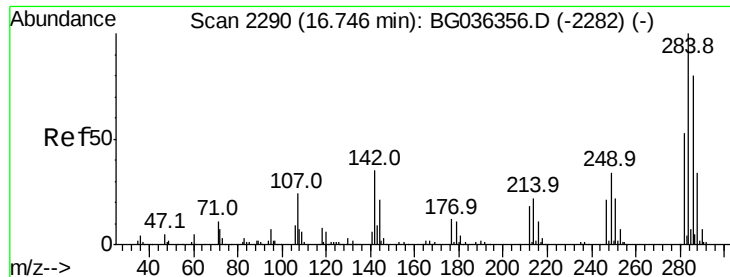


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

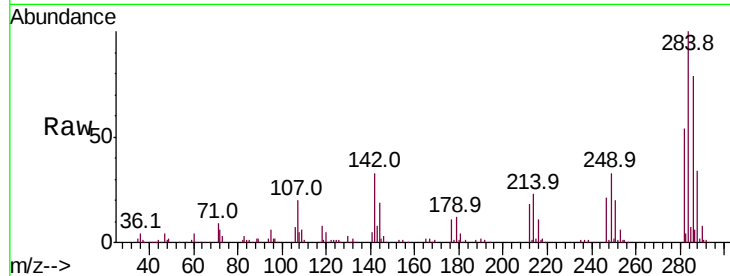




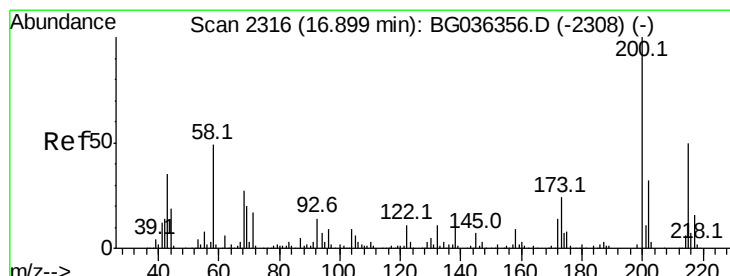
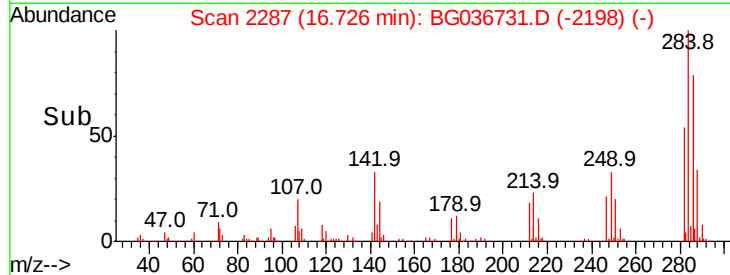
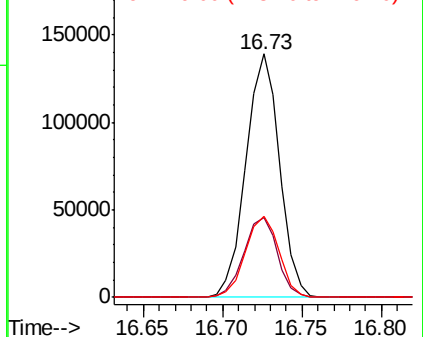
#67
Hexachlorobenzene
Concen: 41.361 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.9	27.8	41.6
249	33.2	27.4	41.2

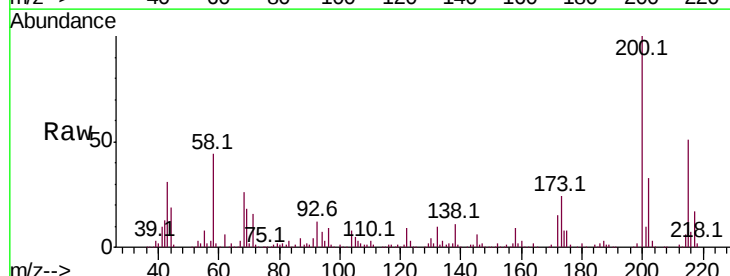


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

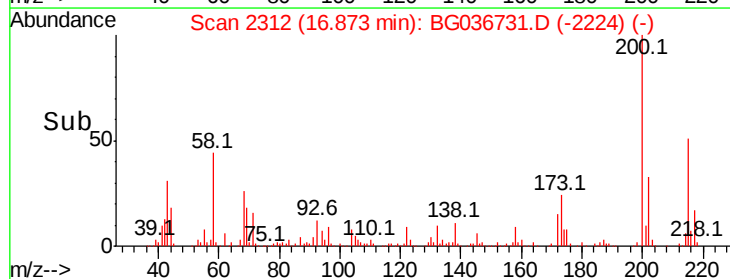
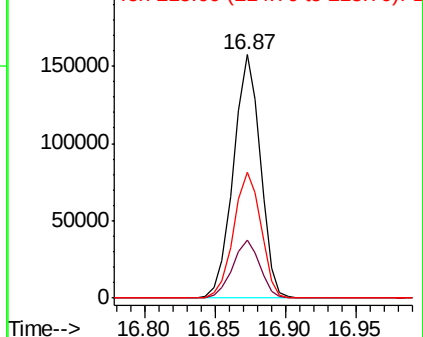


#68
Atrazine
Concen: 45.437 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	3.9	43.9
215	51.5	30.4	70.4



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

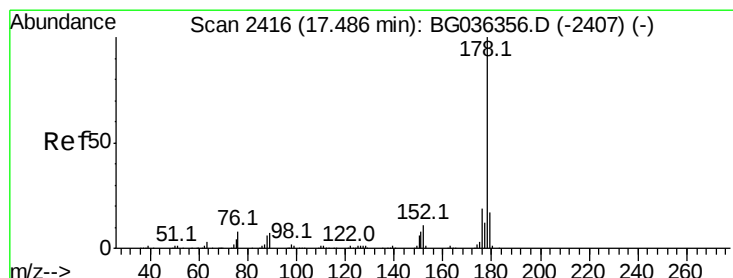
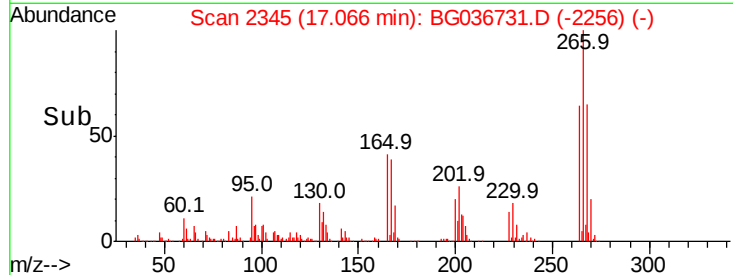
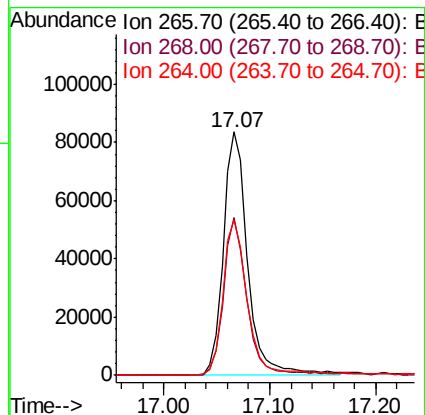
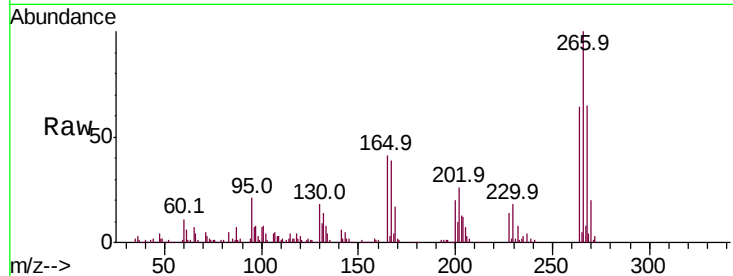




#69
 Pentachlorophenol
 Concen: 40.018 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

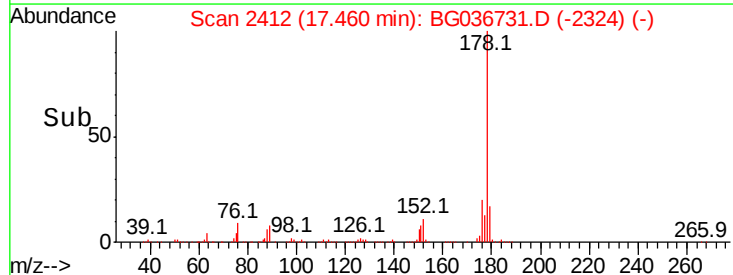
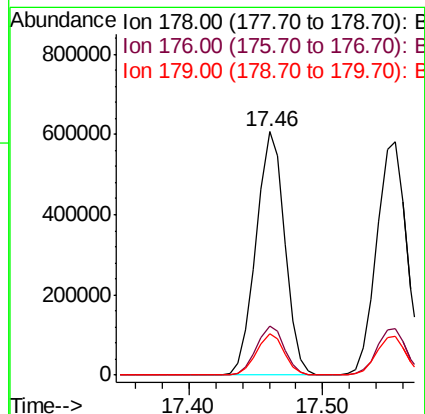
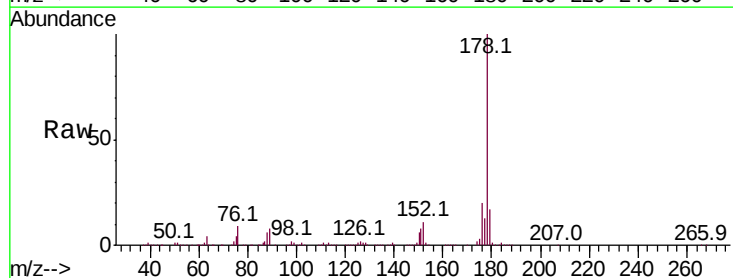
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

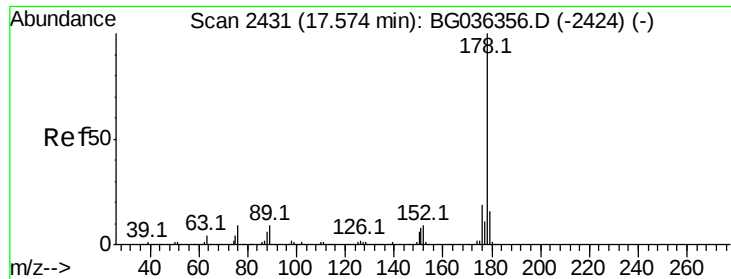
Tot Ion:	266	Resp:	134592
Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.4	77.2
264	63.7	48.9	73.3



#70
 Phenanthrene
 Concen: 42.722 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion:	178	Resp:	897329
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.9	13.4	20.2

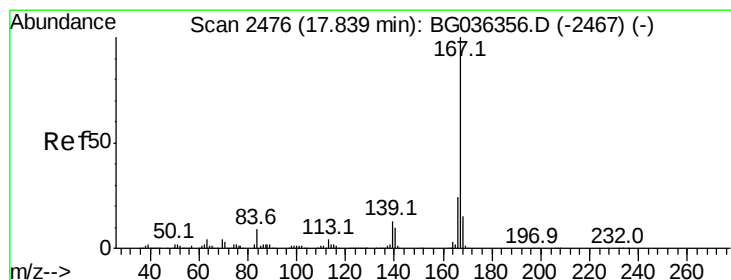
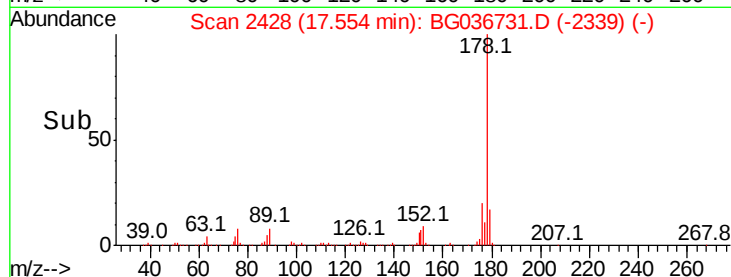
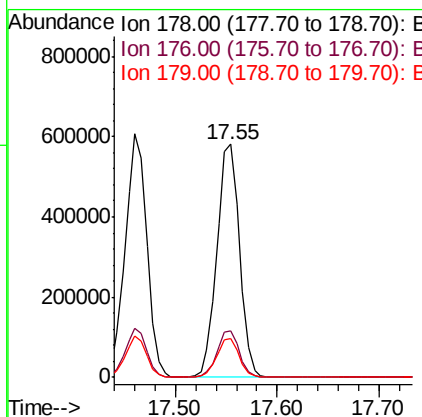
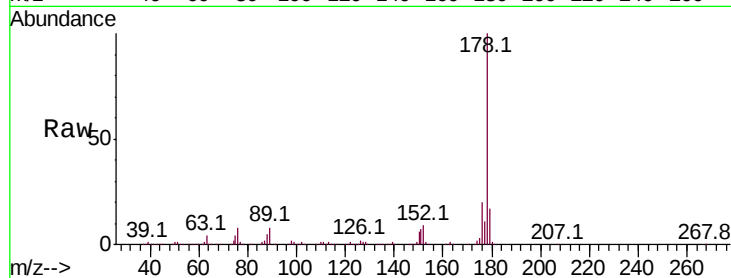




#71
 Anthracene
 Concen: 43.000 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

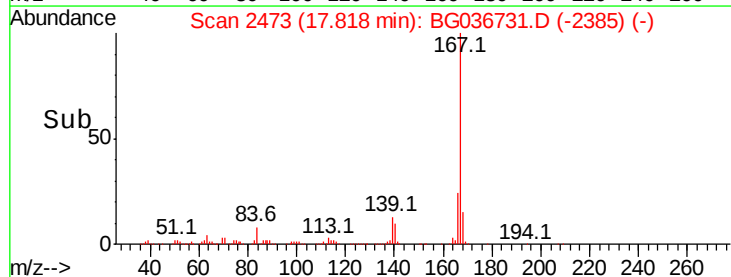
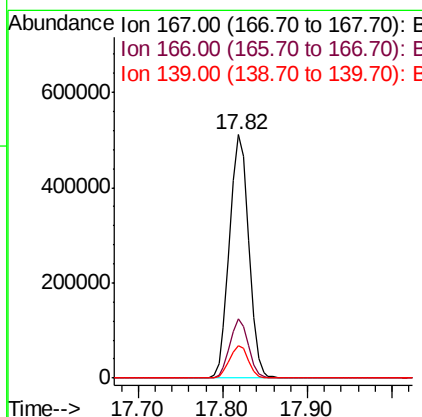
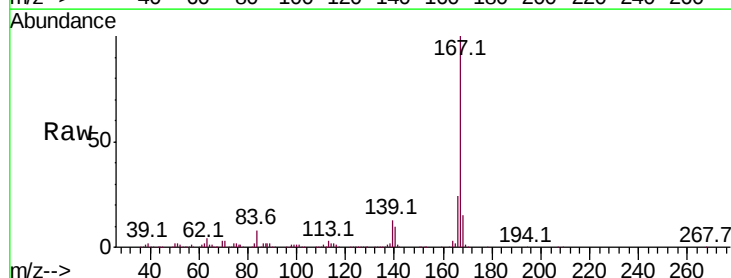
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

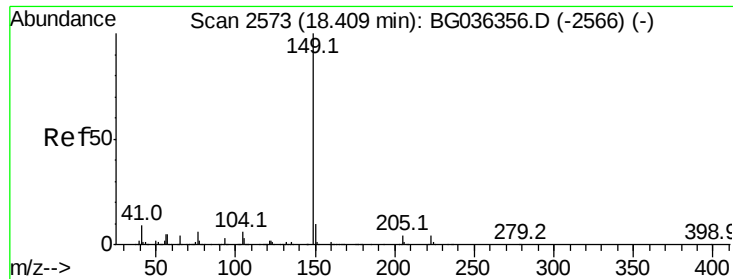
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.7	13.0	19.4



#72
 Carbazole
 Concen: 38.195 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.5	29.3
139	13.3	10.7	16.1





#73

Di-n-butylphthalate

Concen: 39.124 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

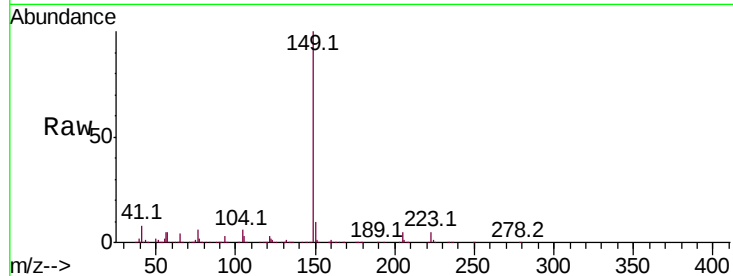
Tot Ion:149 Resp: 910983

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

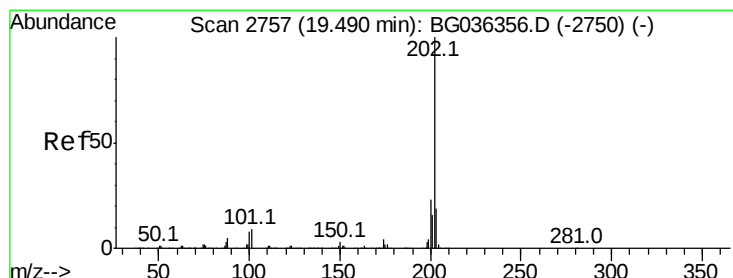
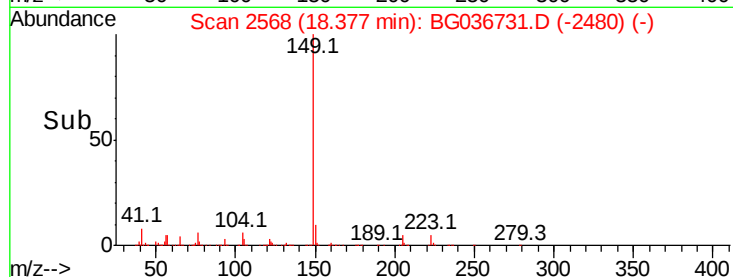
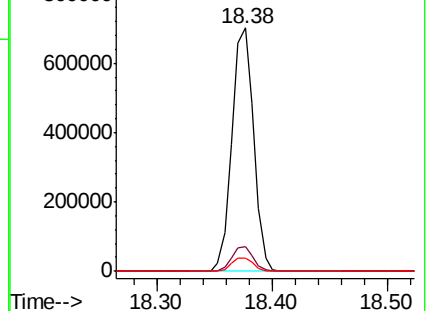
104 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.808 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

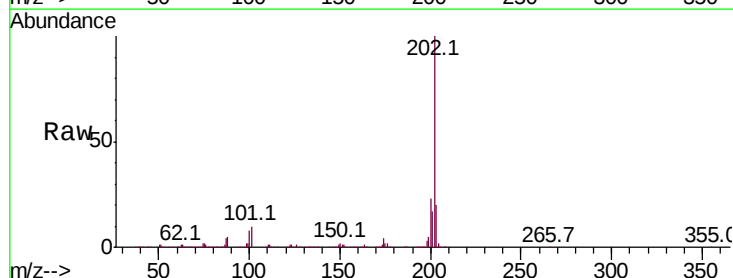
Tgt Ion:202 Resp: 1070639

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.4

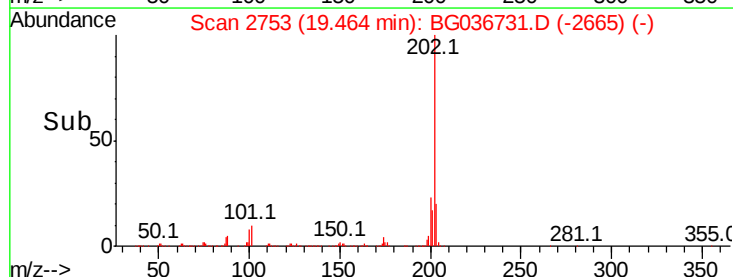
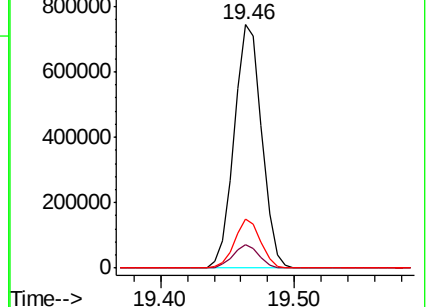
203 20.0 0.0 38.9

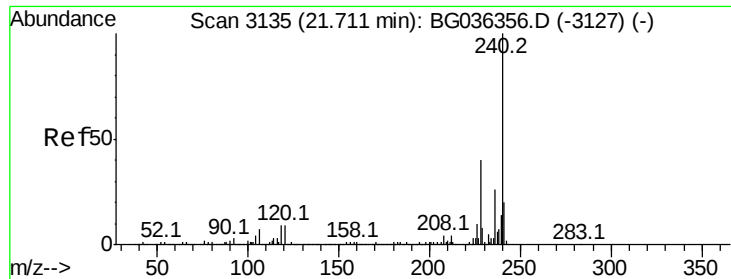


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MS

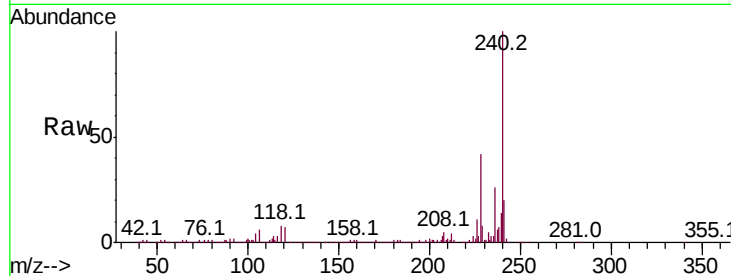
Tot Ion:240 Resp: 408069

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

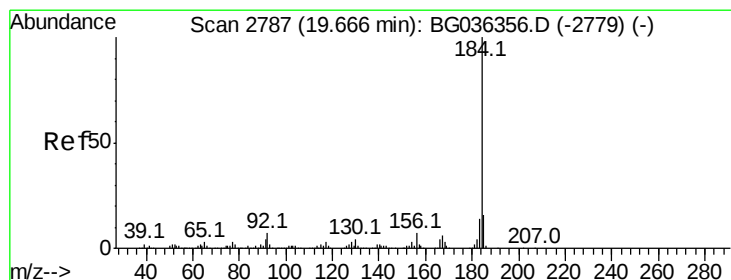
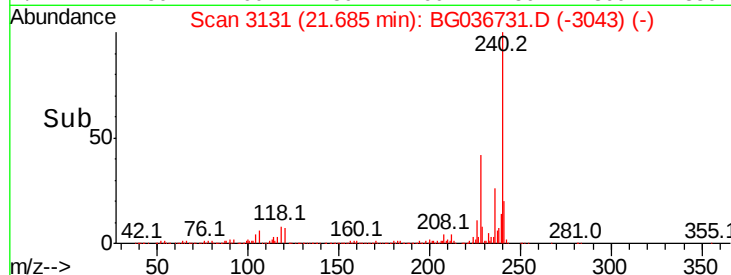
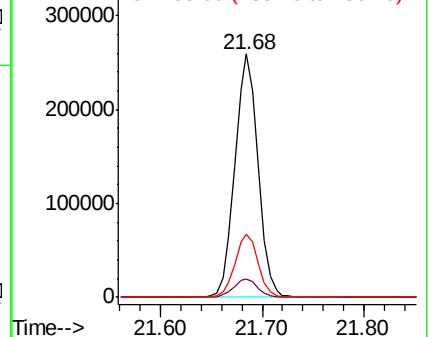
236 26.2 21.2 31.8



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



#76

Benzidine

Concen: 7.750 ng

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

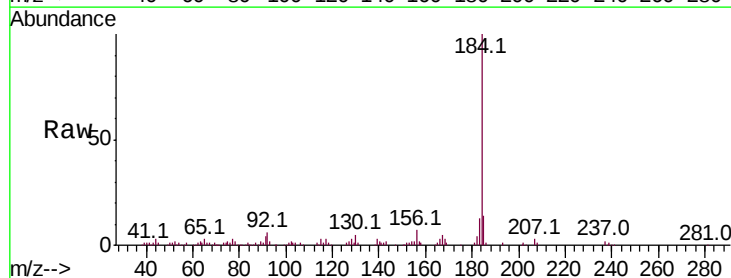
Tgt Ion:184 Resp: 100895

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

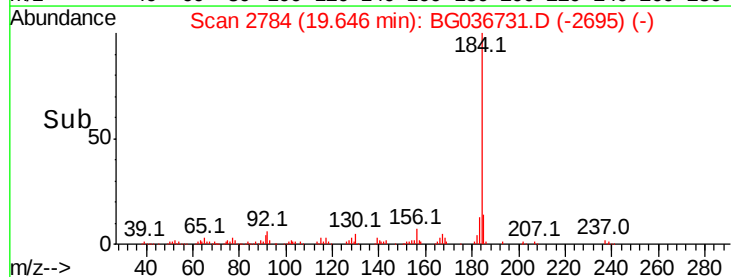
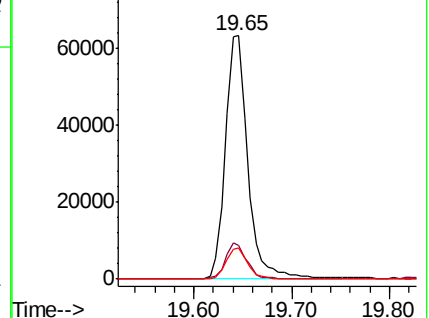
183 13.1 10.9 16.3

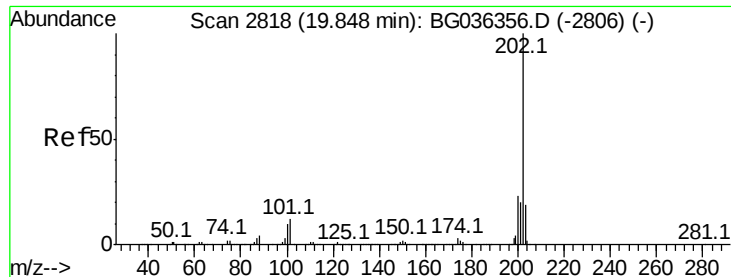


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.427 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Instrument :

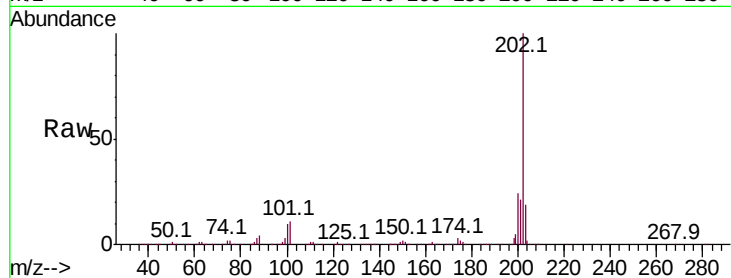
BNA_G

ClientSampleId :

NB-08-091218MS

Tot Ion:202 Resp: 1064656

Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.3	27.5
203	19.2	15.1	22.7

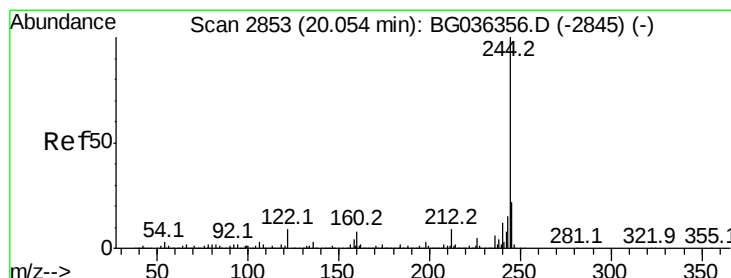
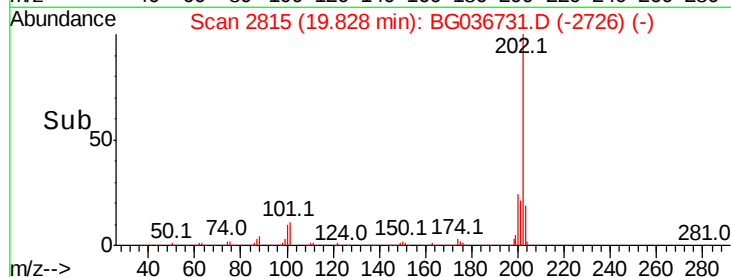
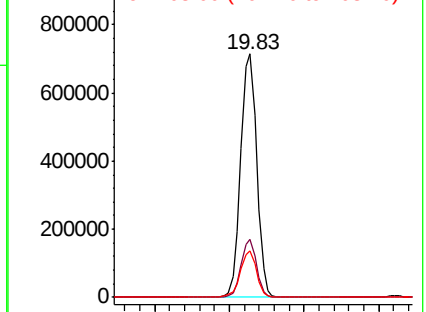


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.165 ng

RT: 20.02 min Scan# 2848

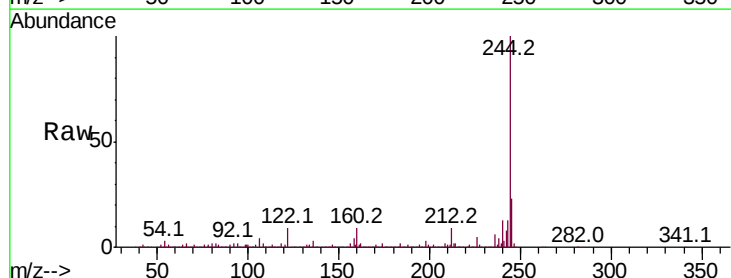
Delta R.T. -0.01 min

Lab File: BG036731.D

Acq: 15 Sep 2018 8:26

Tgt Ion:244 Resp: 1347191

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.4	7.1	10.7

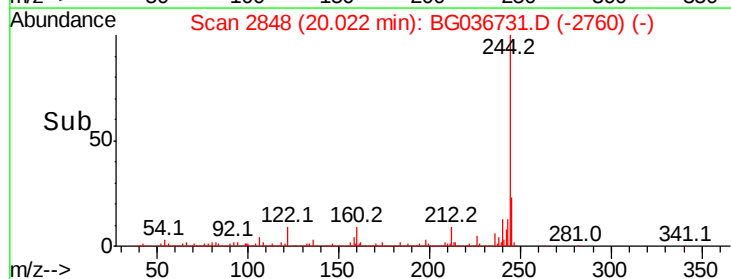
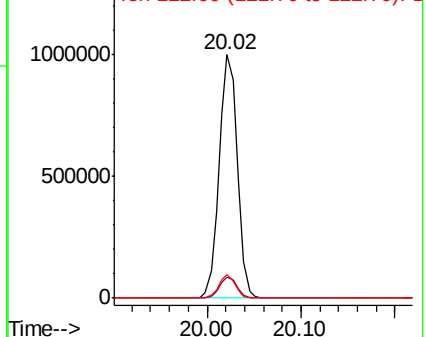


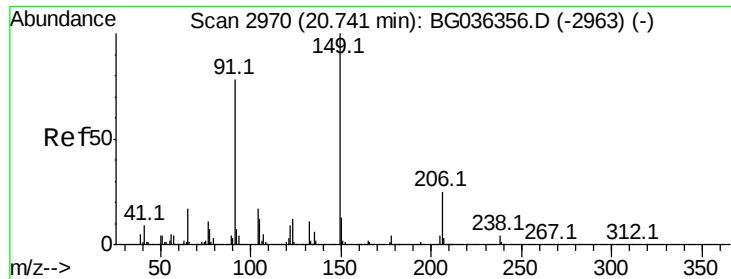
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

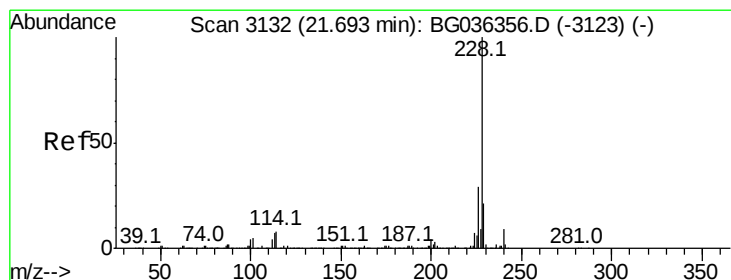
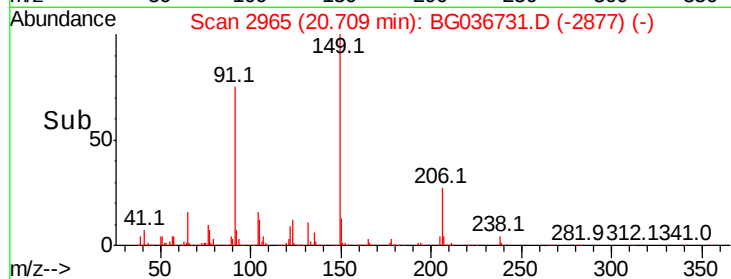
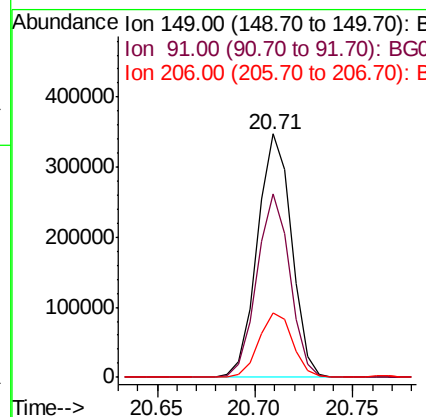
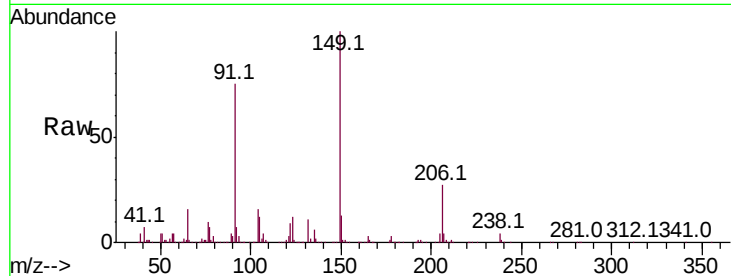




#79
Butylbenzylphthalate
Concen: 42.008 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

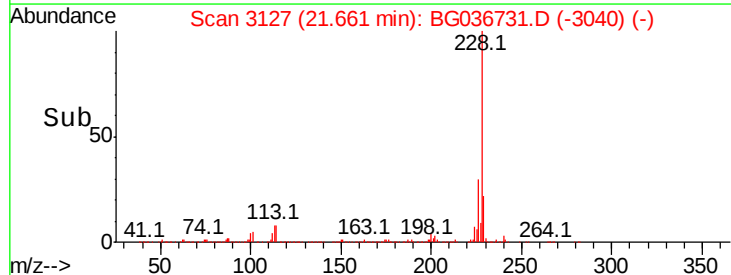
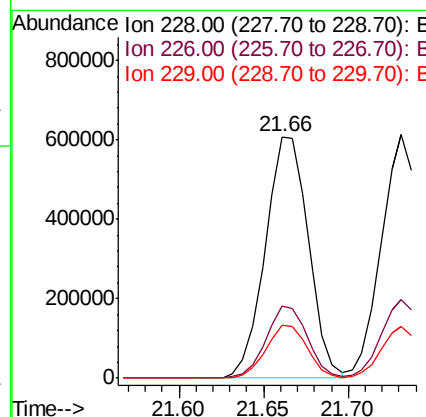
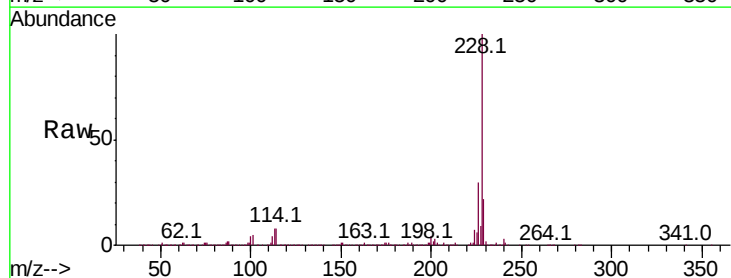
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

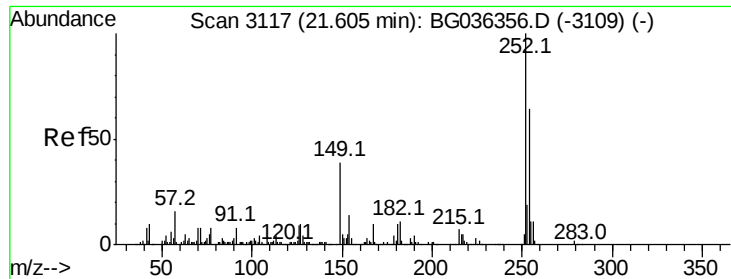
Tot Ion:149 Resp: 419516
Ion Ratio Lower Upper
149 100
91 75.4 62.0 93.0
206 26.6 19.6 29.4



#80
Benzo(a)anthracene
Concen: 43.265 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:228 Resp: 1069572
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.2
229 22.0 17.1 25.7

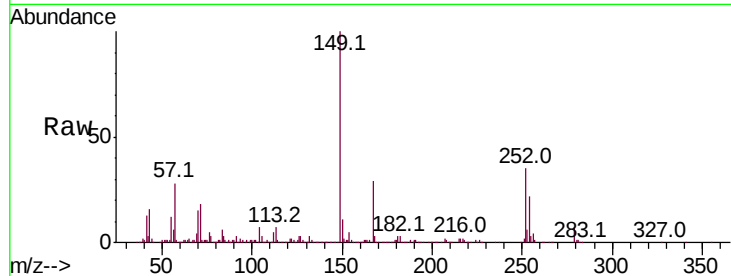




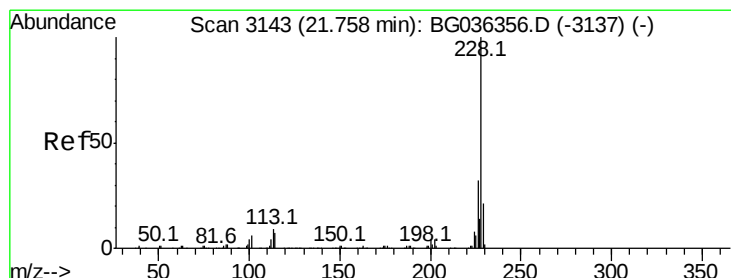
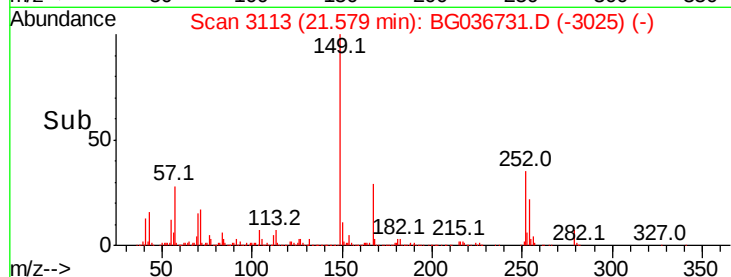
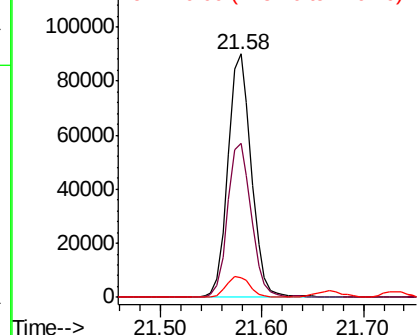
#81
 3,3'-Dichlorobenzidine
 Concen: 14.669 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion:252 Resp: 144529
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.0 76.4
 126 8.1 7.4 11.0

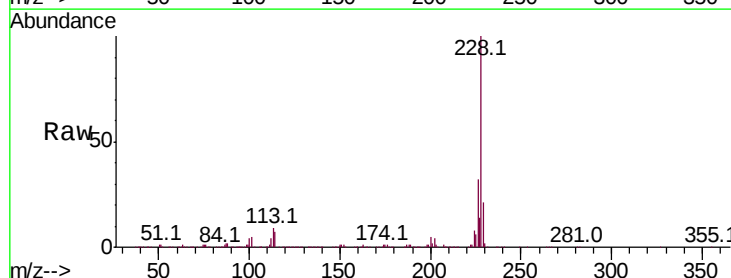


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

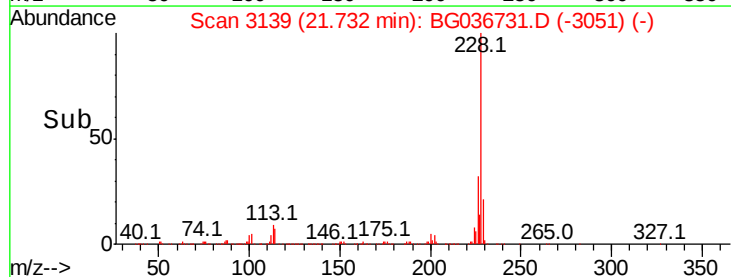
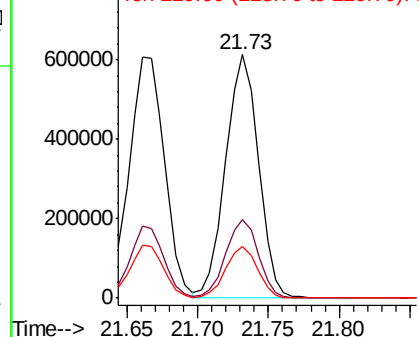


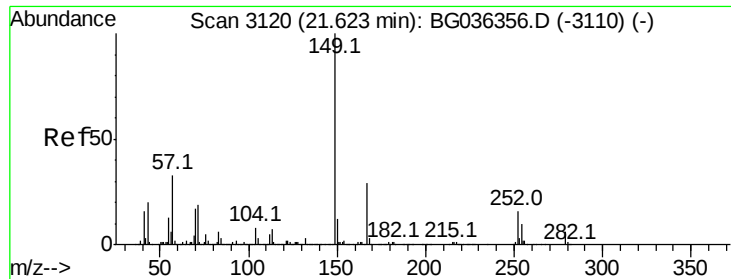
#82
 Chrysene
 Concen: 42.301 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion:228 Resp: 991220
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.5 38.3
 229 21.3 16.9 25.3



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

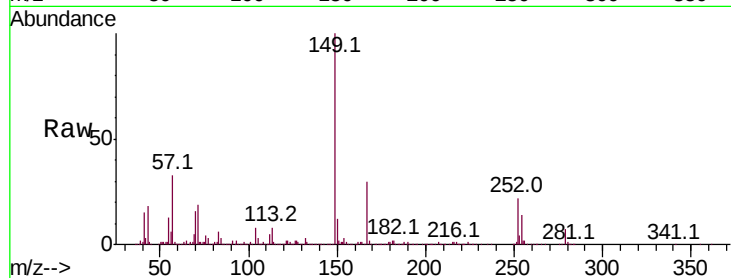




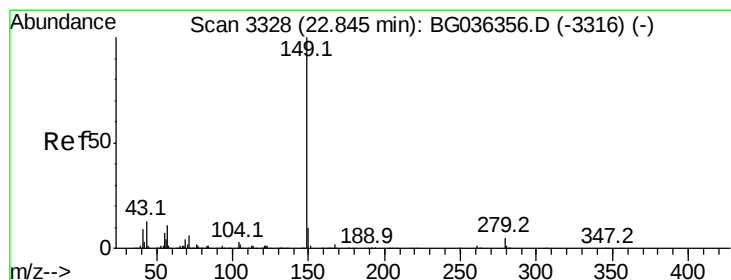
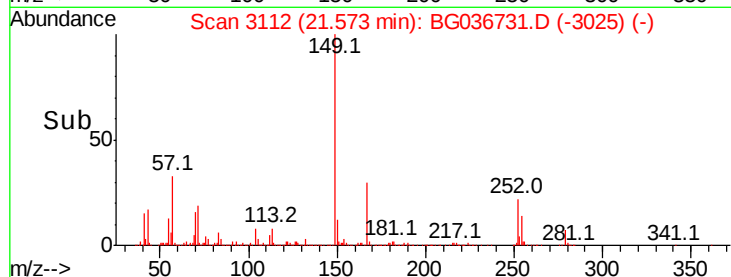
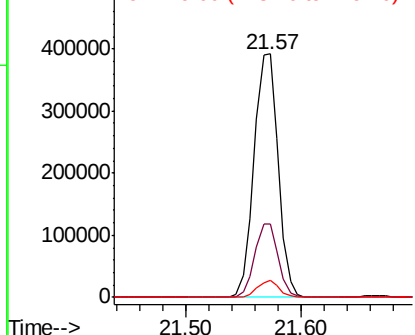
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.974 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion:149 Resp: 572606
 Ion Ratio Lower Upper
 149 100
 167 30.0 23.4 35.0
 279 6.8 4.6 7.0

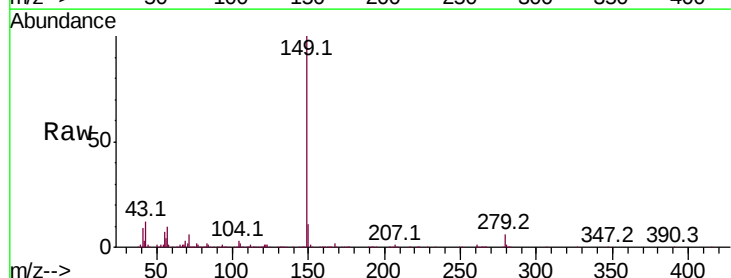


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

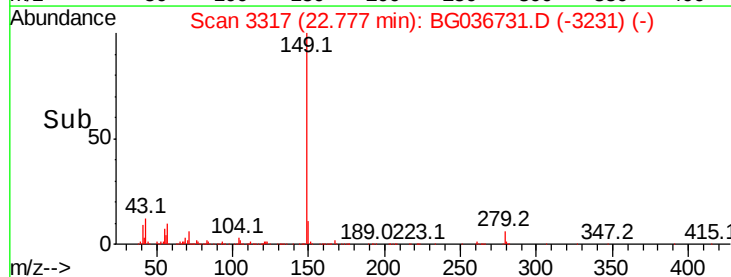
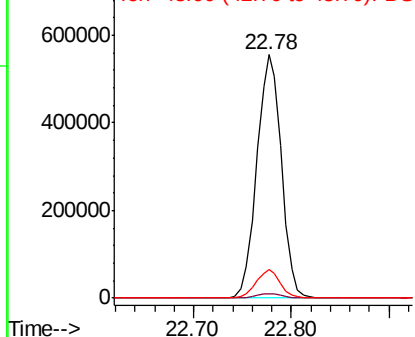


#84
 Di-n-octyl phthalate
 Concen: 41.951 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion:149 Resp: 979230
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 11.3 10.0 15.0



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

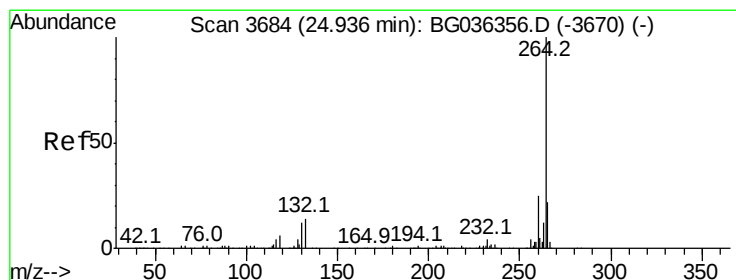
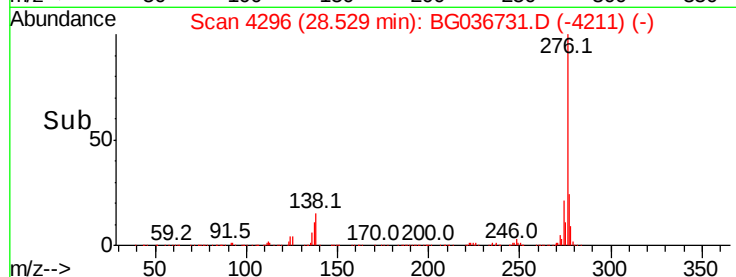
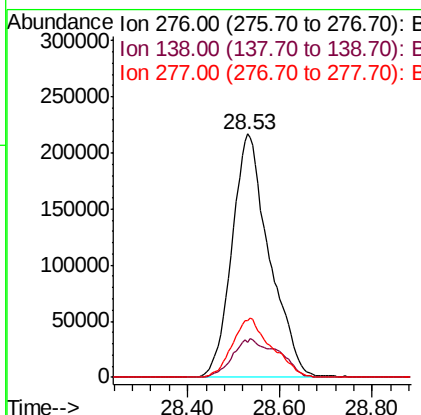
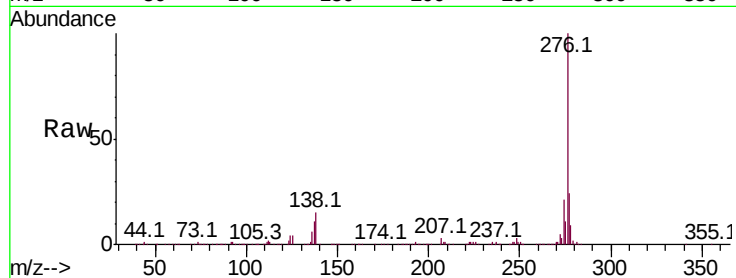




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.829 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.03 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

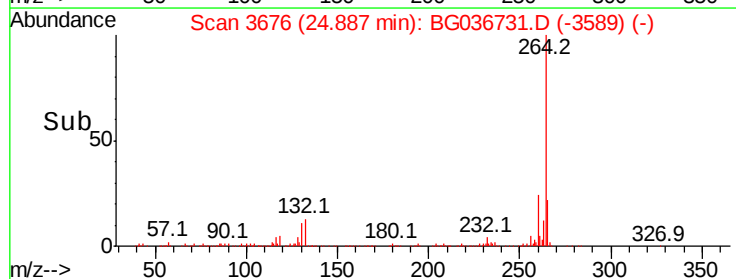
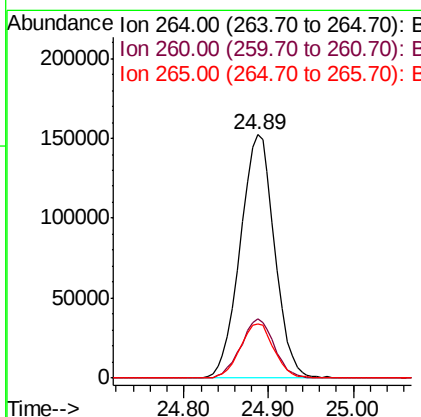
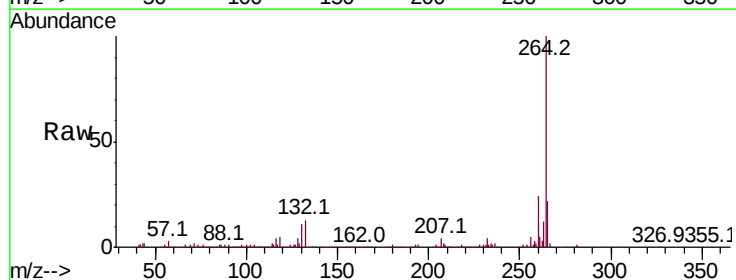
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

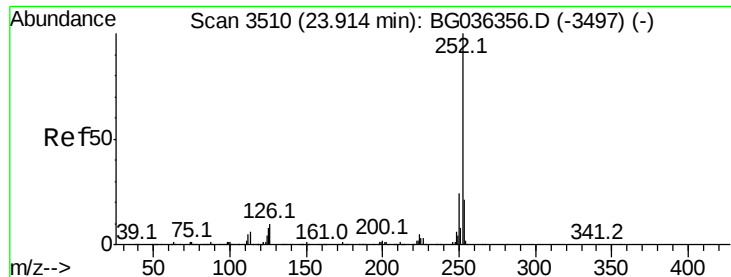
Tot Ion:276 Resp: 1220094
 Ion Ratio Lower Upper
 276 100
 138 19.3 10.6 15.8#
 277 25.4 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Tgt Ion:264 Resp: 430092
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.1 17.4 26.0

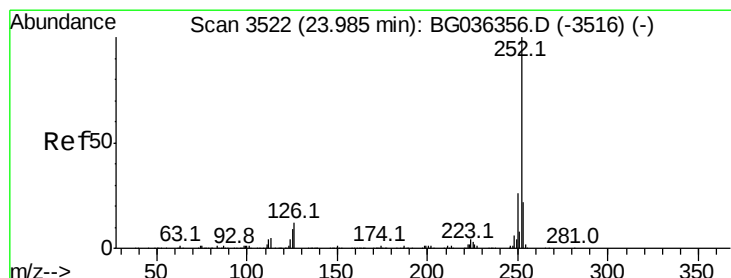
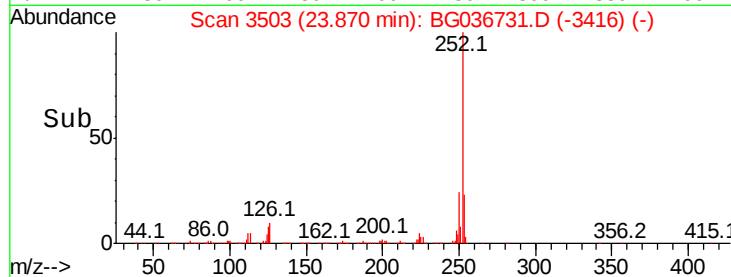
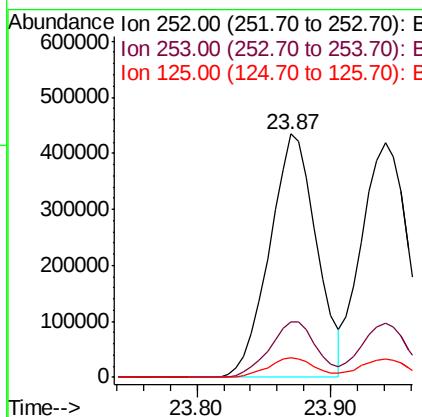
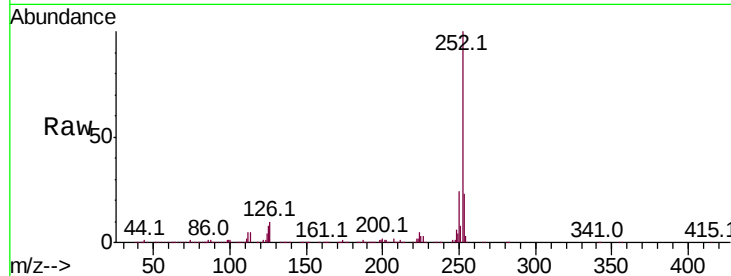




#87
Benzo(b)fluoranthene
Concen: 44.438 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

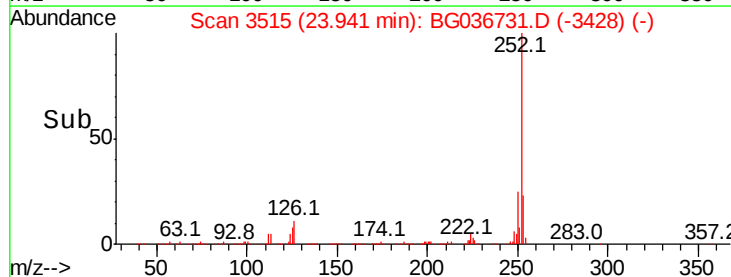
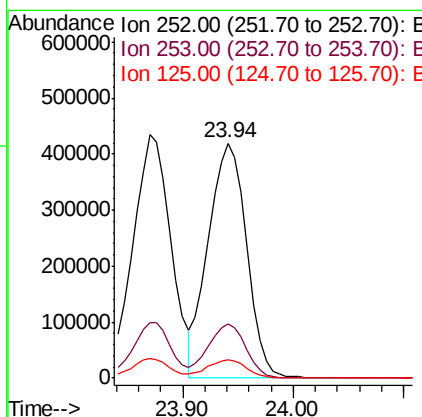
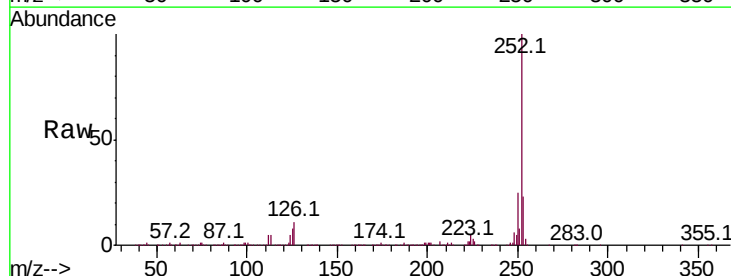
Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

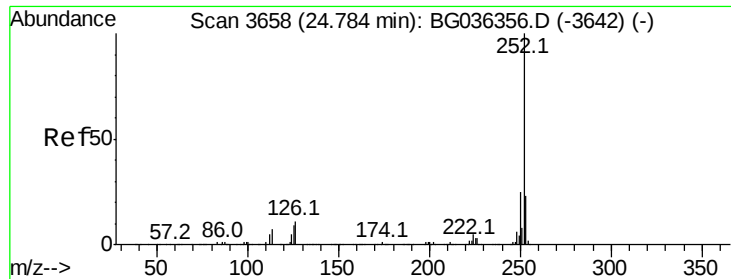
Tot Ion:252 Resp: 1061317
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 8.2 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 43.124 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:252 Resp: 1006192
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 7.9 7.0 10.6



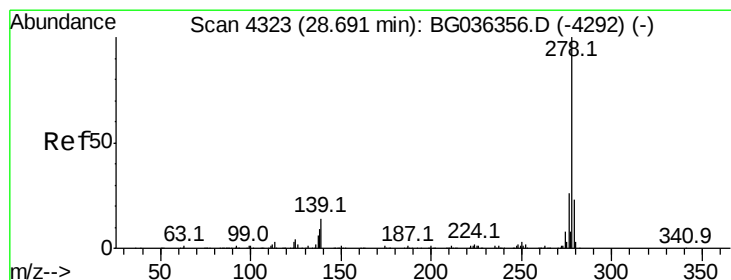
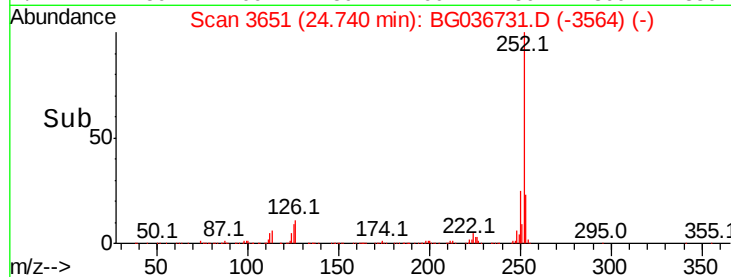
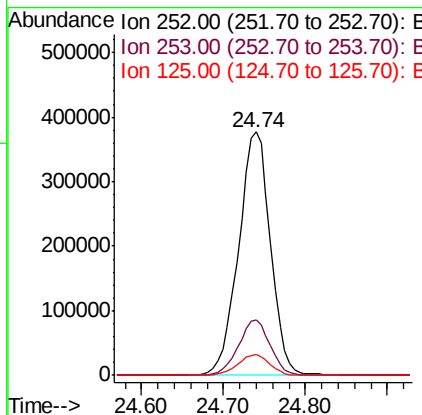
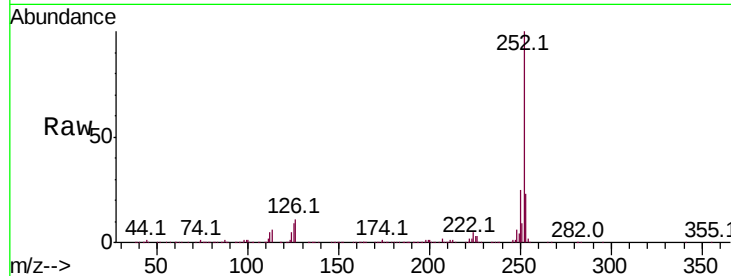


#89
Benzo(a)pyrene
Concen: 44.507 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.02 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MS

Tot Ion:252 Resp: 1021427

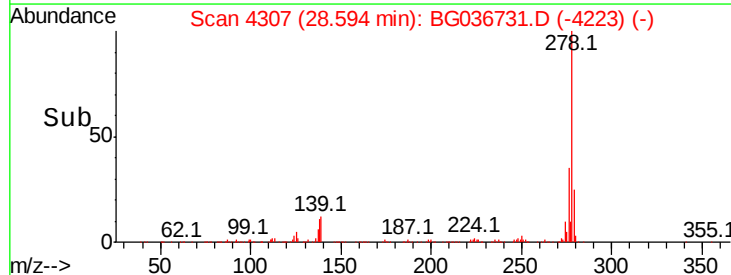
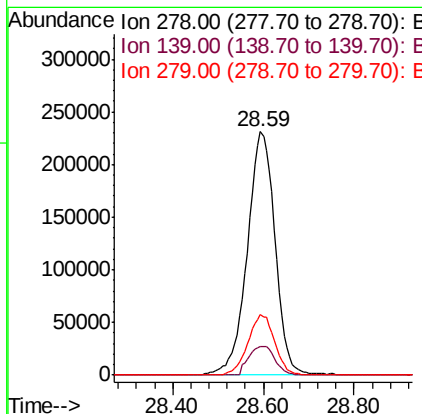
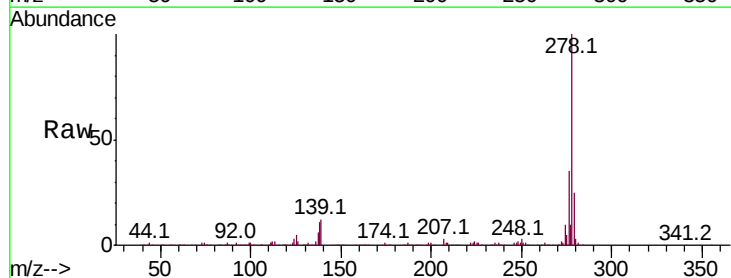
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.6	7.3	10.9

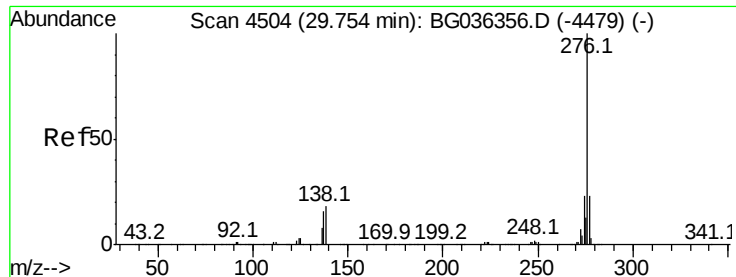


#90
Dibenzo(a,h)anthracene
Concen: 44.208 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.03 min
Lab File: BG036731.D
Acq: 15 Sep 2018 8:26

Tgt Ion:278 Resp: 979469

Ion	Ratio	Lower	Upper
278	100		
139	11.9	11.0	16.4
279	25.1	18.7	28.1

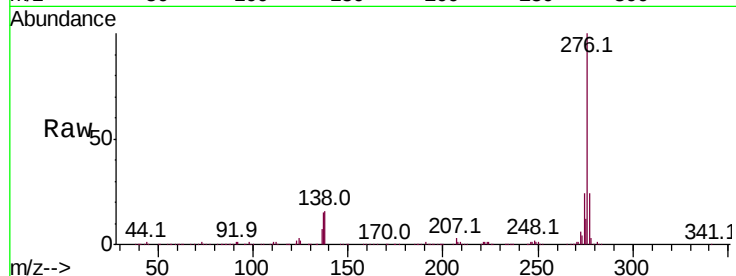




#91
 Benzo(a,h,i)perylene
 Concen: 45.347 ng
 RT: 29.68 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036731.D
 Acq: 15 Sep 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	16.4	14.6	22.0



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

