

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038127.D
 Acq On : 21 Nov 2018 21:34
 Operator : JU/SJ
 Sample : J5765-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

Quant Time: Nov 22 01:23:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44275	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	191924	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120178	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	272982	20.00	ng	0.00
76) Chrysene-d12	21.76	240	251156	20.00	ng	0.00
87) Perylene-d12	25.08	264	263180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	285476	111.33	ng	0.00
7) Phenol-d6	7.23	99	371786	101.57	ng	0.00
23) Nitrobenzene-d5	9.27	82	278649	77.72	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	154389	112.64	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	615966	74.67	ng	0.00
79) Terphenyl-d14	20.06	244	926174	86.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	40401	33.355	ng	# 12
3) Pyridine	3.94	79	97740	28.288	ng	98
4) n-Nitrosodimethylamine	3.85	42	61681	49.206	ng	# 93
6) Aniline	7.41	93	64690	13.693	ng	94
8) 2-Chlorophenol	7.64	128	141066	47.409	ng	99
9) Benzaldehyde	7.23	77	65102	24.593	ng	97
10) Phenol	7.26	94	156872	40.460	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	138916	43.887	ng	98
12) 1,3-Dichlorobenzene	7.97	146	139870	40.804	ng	95
13) 1,4-Dichlorobenzene	8.12	146	143052	41.313	ng	98
14) 1,2-Dichlorobenzene	8.44	146	136852	41.396	ng	99
15) Benzyl Alcohol	8.33	79	124773	47.108	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	275131	46.810	ng	98
17) 2-Methylphenol	8.52	107	123297	47.036	ng	96
18) Hexachloroethane	9.17	117	52625	41.760	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	115365	43.557	ng	98
20) 3+4-Methylphenols	8.85	107	172837	46.512	ng	97
22) Acetophenone	8.92	105	213878	44.790	ng	# 100
24) Nitrobenzene	9.31	77	171898	46.869	ng	96
25) Isophorone	9.82	82	326720	50.629	ng	96
26) 2-Nitrophenol	10.01	139	82193	44.890	ng	95
27) 2,4-Dimethylphenol	10.06	122	147292	53.392	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	196777	47.686	ng	97
29) 2,4-Dichlorophenol	10.55	162	150559	48.520	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	151642	43.610	ng	98
31) Naphthalene	10.96	128	463114	49.060	ng	100
32) Benzoic acid	10.19	122	64377	39.263	ng	93
33) 4-Chloroaniline	11.07	127	12632	2.877	ng	95
34) Hexachlorobutadiene	11.22	225	90850	42.452	ng	96
35) Caprolactam	11.86	113	29409	23.678	ng	95
36) 4-Chloro-3-methylphenol	12.17	107	163602	48.259	ng	96
37) 2-Methylnaphthalene	12.56	142	333860	49.237	ng	99
38) 1-Methylnaphthalene	12.77	142	317660	48.670	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	172264	42.896	ng	97

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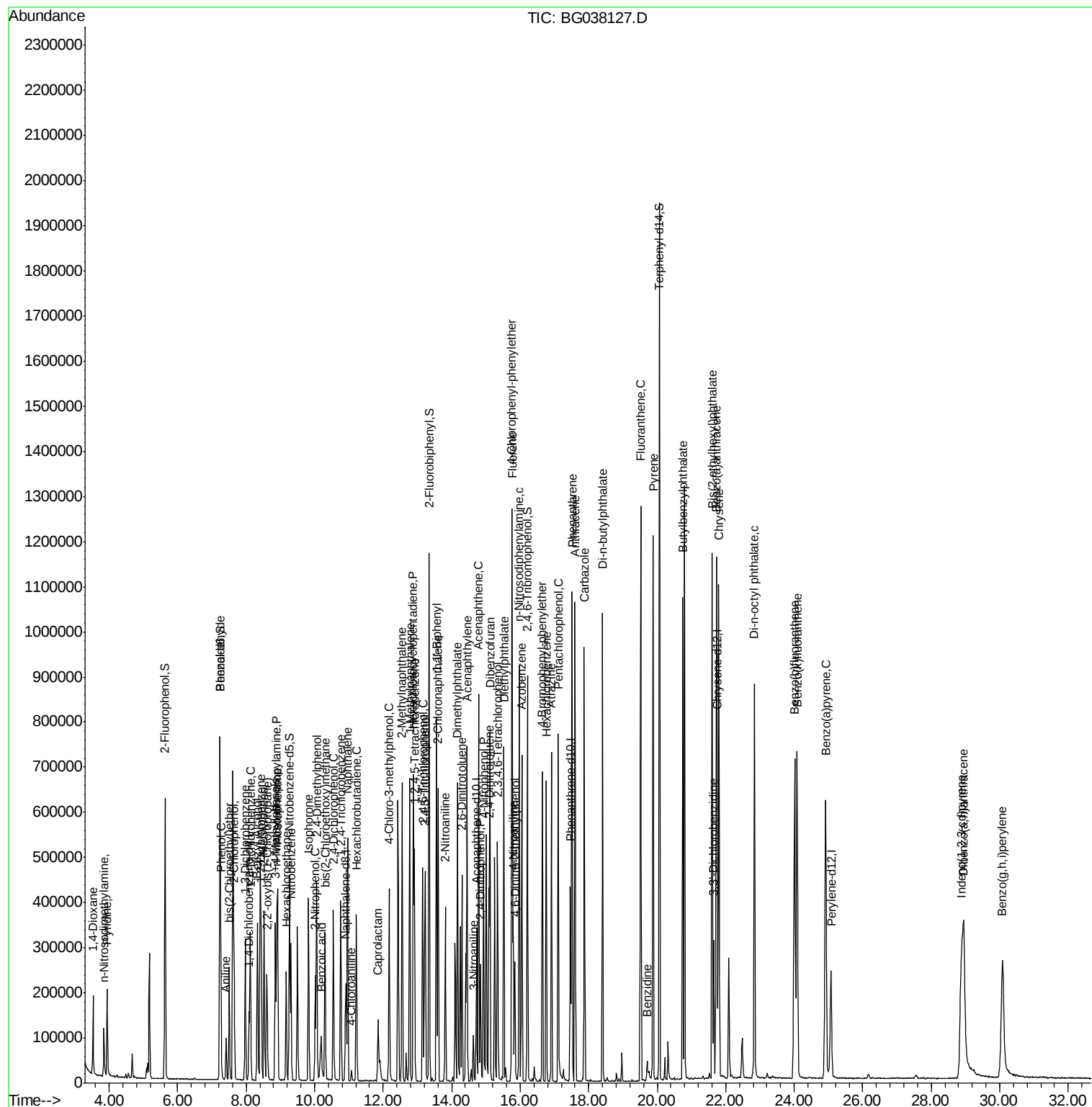
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	206746	96.144	ng	95
43) 2,4,6-Trichlorophenol	13.15	196	123414	45.099	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	132099	45.878	ng	96
46) 1,1'-Biphenyl	13.55	154	425052	42.100	ng	98
47) 2-Chloronaphthalene	13.60	162	338846	43.981	ng	98
48) 2-Nitroaniline	13.81	65	118010	48.669	ng	98
49) Acenaphthylene	14.45	152	558904	48.241	ng	99
50) Dimethylphthalate	14.17	163	446101	46.823	ng	99
51) 2,6-Dinitrotoluene	14.30	165	101624	47.129	ng	95
52) Acenaphthene	14.79	154	327575	46.965	ng	99
53) 3-Nitroaniline	14.64	138	27769	11.671	ng #	97
54) 2,4-Dinitrophenol	14.84	184	69732	62.249	ng	89
55) Dibenzofuran	15.12	168	529297	45.894	ng	99
56) 4-Nitrophenol	14.93	139	140354	76.482	ng	92
57) 2,4-Dinitrotoluene	15.09	165	143213	48.814	ng #	96
58) Fluorene	15.77	166	429347	49.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113112	46.948	ng	95
60) Diethylphthalate	15.52	149	454141	44.878	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	220090	43.711	ng	99
62) 4-Nitroaniline	15.80	138	105274	44.538	ng	93
63) Azobenzene	16.05	77	426632	47.152	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	63197	36.602	ng	94
66) n-Nitrosodiphenylamine	15.97	169	380692	46.097	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	135235	45.135	ng	97
68) Hexachlorobenzene	16.76	284	140458	45.416	ng	98
69) Atrazine	16.92	200	140626	46.192	ng	98
70) Pentachlorophenol	17.11	266	151953	72.343	ng	96
71) Phenanthrene	17.51	178	710488	50.835	ng	100
72) Anthracene	17.60	178	700725	50.862	ng	99
73) Carbazole	17.87	167	646952	46.805	ng	99
74) Di-n-butylphthalate	18.41	149	763849	49.229	ng	99
75) Fluoranthene	19.52	202	809753	50.781	ng	99
77) Benzidine	19.71	184	69219	7.854	ng	99
78) Pyrene	19.88	202	816023	49.695	ng	99
80) Butylbenzylphthalate	20.75	149	353195	49.184	ng	98
81) Benzo(a)anthracene	21.73	228	771363	50.823	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	121557	20.560	ng	97
83) Chrysene	21.80	228	715080	49.242	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	503020	49.119	ng	100
85) Di-n-octyl phthalate	22.84	149	853978	51.545	ng	100
86) Indeno(1,2,3-cd)pyrene	28.89	276	739384	45.844	ng	99
88) Benzo(b)fluoranthene	24.01	252	760302	52.496	ng	99
89) Benzo(k)fluoranthene	24.08	252	730718	51.131	ng	99
90) Benzo(a)pyrene	24.92	252	731864	52.876	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	608592	45.699	ng	97
92) Benzo(g,h,i)perylene	30.08	276	624112	47.132	ng	100

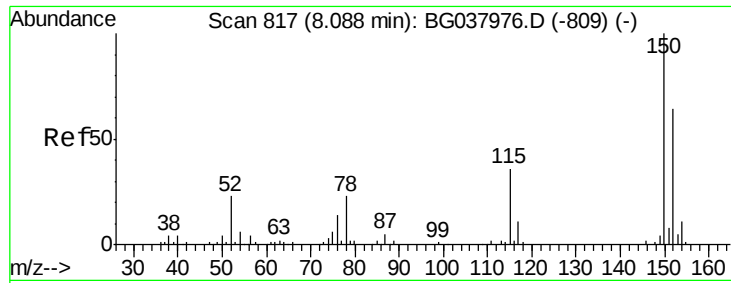
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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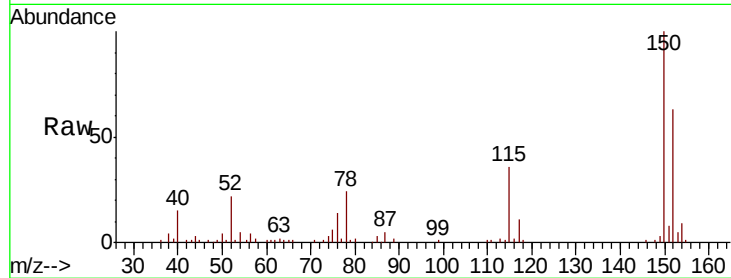


#1

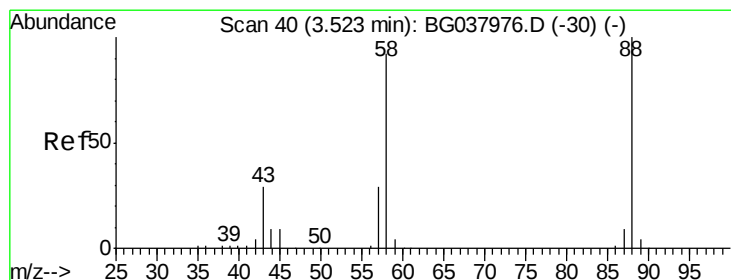
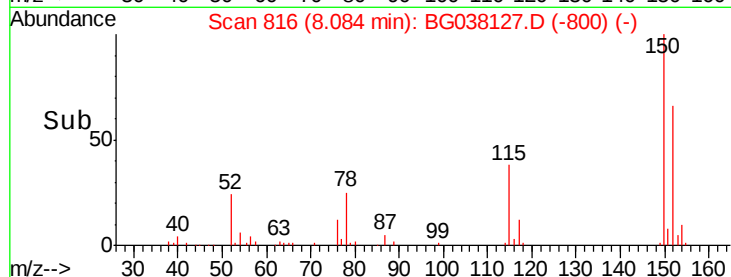
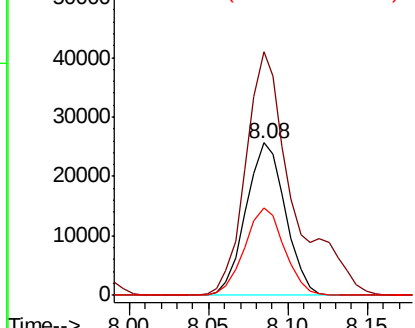
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

Tgt Ion:152 Resp: 44275
Ion Ratio Lower Upper
152 100
150 159.5 126.0 189.0
115 57.6 45.5 68.3



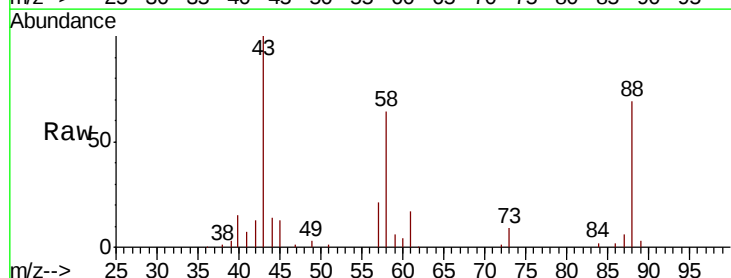
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



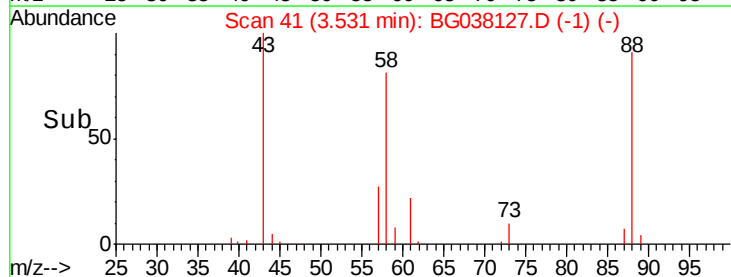
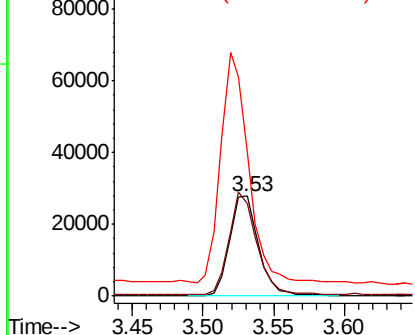
#2

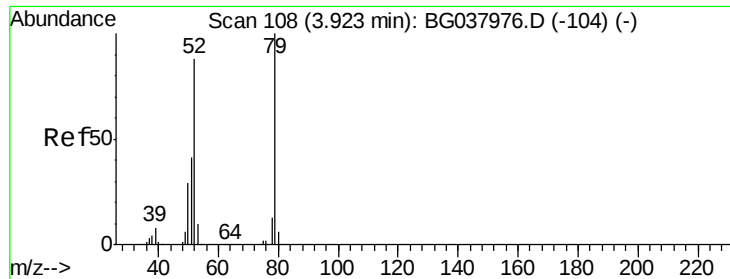
1,4-Dioxane
Concen: 33.355 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion: 88 Resp: 40401
Ion Ratio Lower Upper
88 100
58 97.2 74.4 111.6
43 216.6 25.8 38.8#



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





#3

Pyridine

Concen: 28.288 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

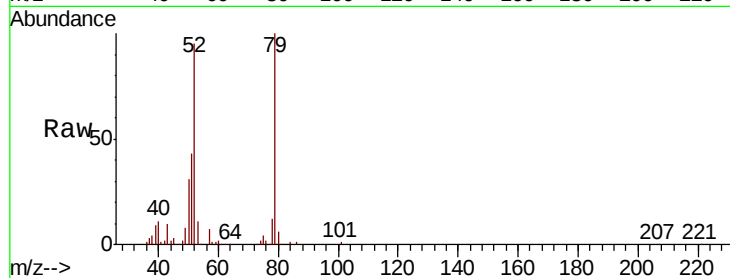
Tgt Ion: 79 Resp: 97740

Ion Ratio Lower Upper

79 100

52 94.9 74.2 111.2

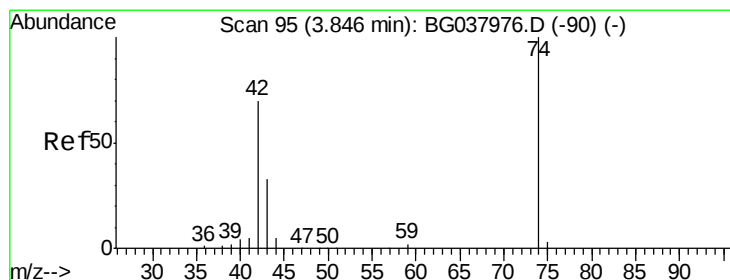
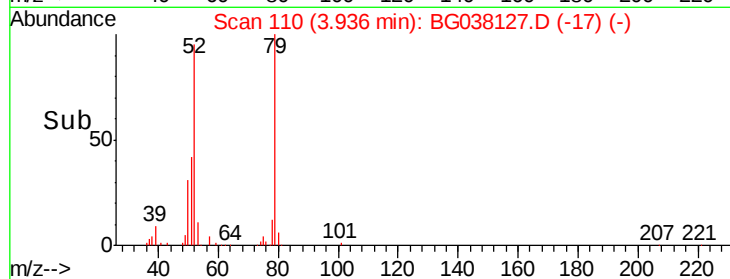
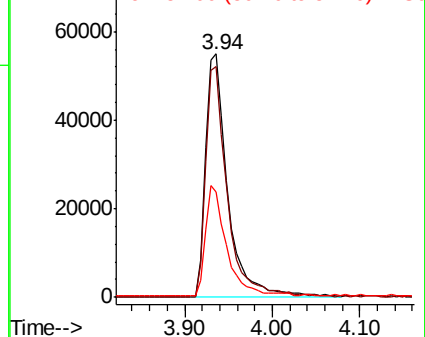
51 43.5 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 49.206 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

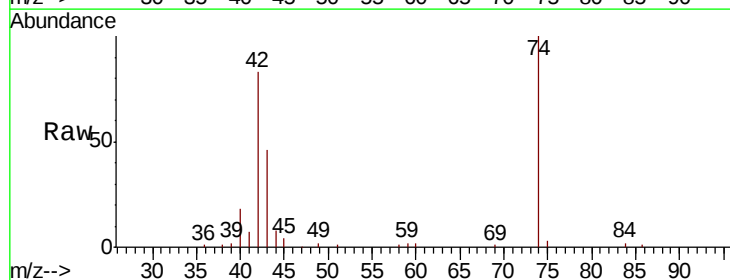
Tgt Ion: 42 Resp: 61681

Ion Ratio Lower Upper

42 100

74 119.8 102.0 153.0

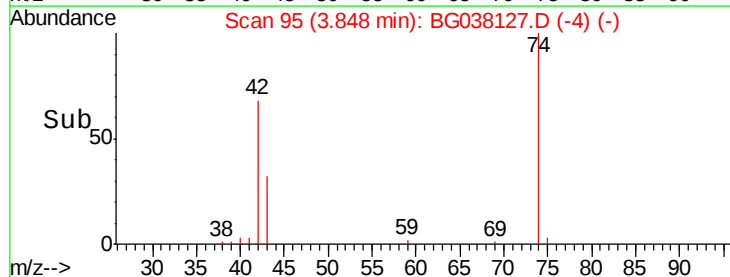
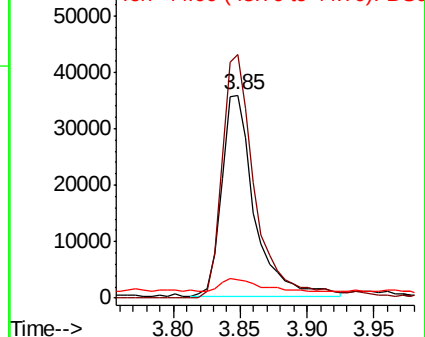
44 9.1 9.6 14.4#

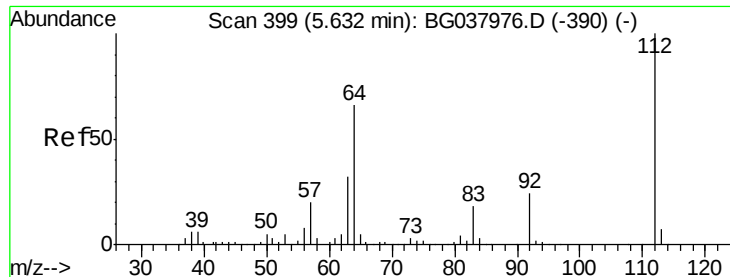


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 111.325 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

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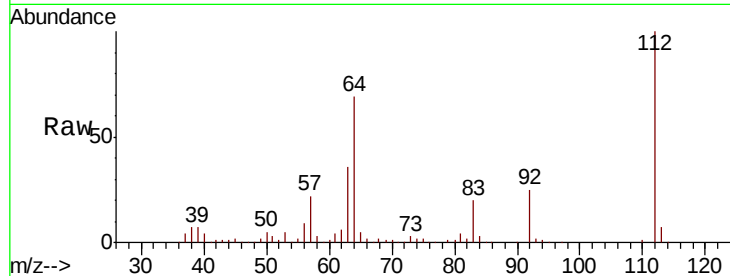
Tgt Ion: 112 Resp: 285476

Ion Ratio Lower Upper

112 100

64 69.2 53.1 79.7

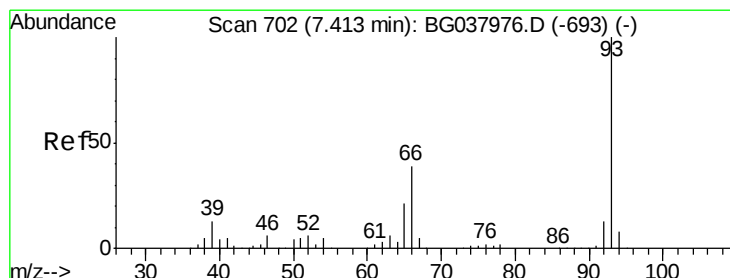
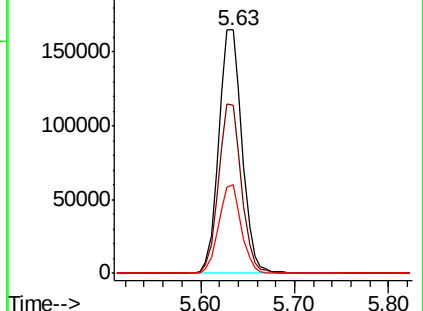
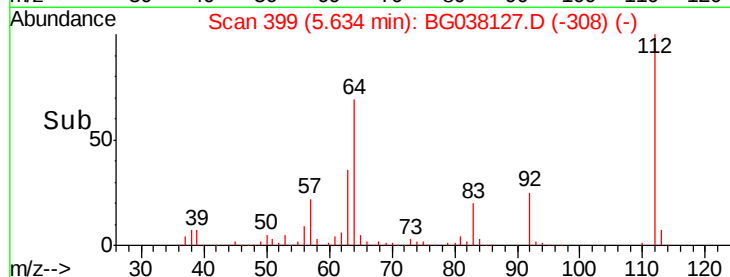
63 36.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.693 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

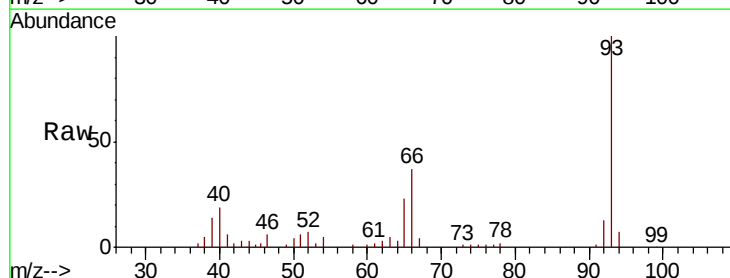
Tgt Ion: 93 Resp: 64690

Ion Ratio Lower Upper

93 100

66 37.3 32.8 49.2

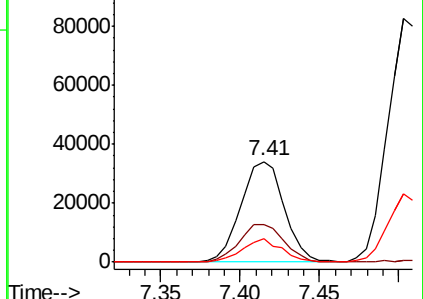
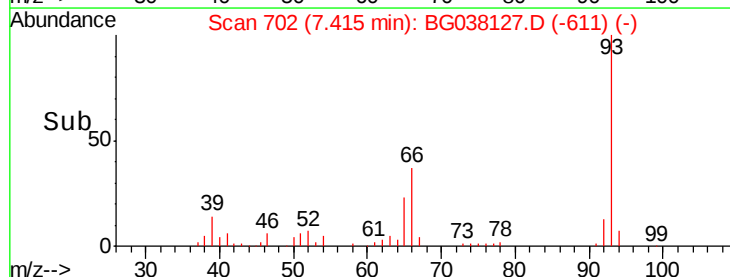
65 22.9 16.4 24.6

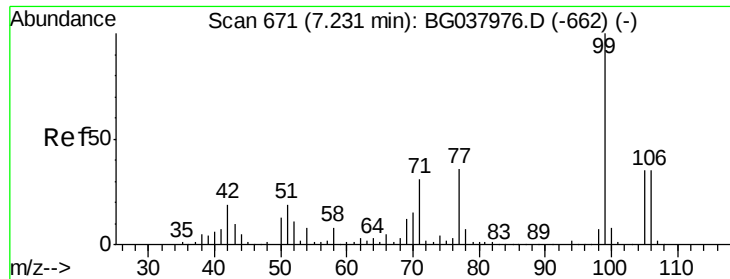


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.569 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

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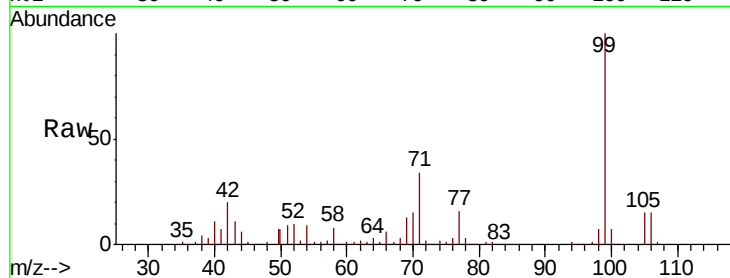
Tgt Ion: 99 Resp: 371786

Ion Ratio Lower Upper

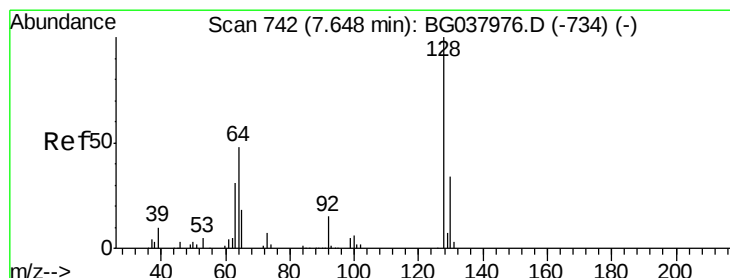
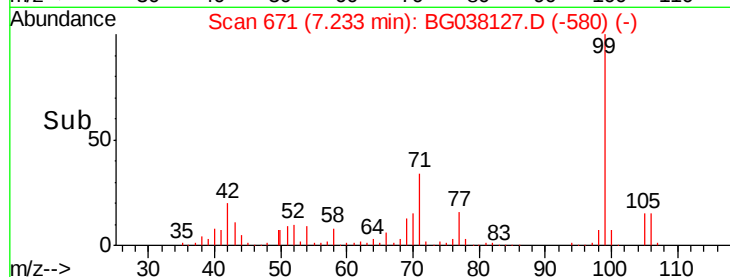
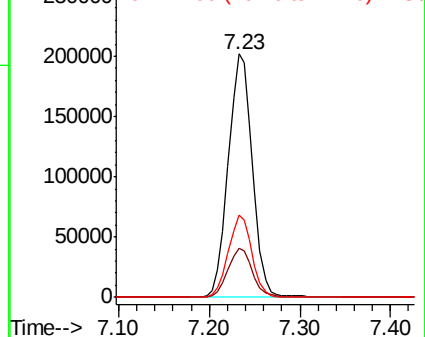
99 100

42 20.2 15.0 22.4

71 34.0 25.5 38.3



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



#8

2-Chlorophenol

Concen: 47.409 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

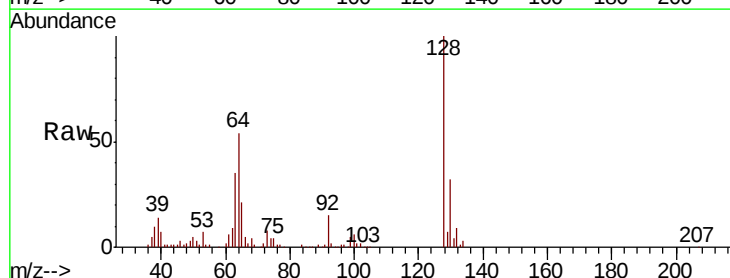
Tgt Ion:128 Resp: 141066

Ion Ratio Lower Upper

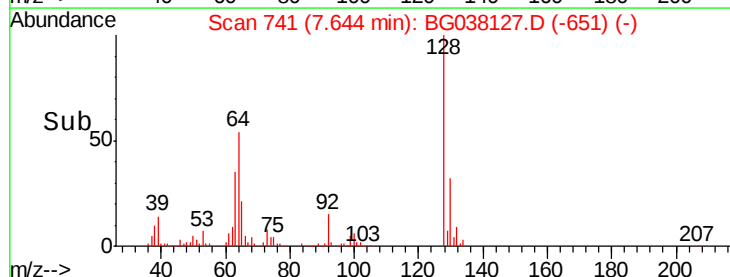
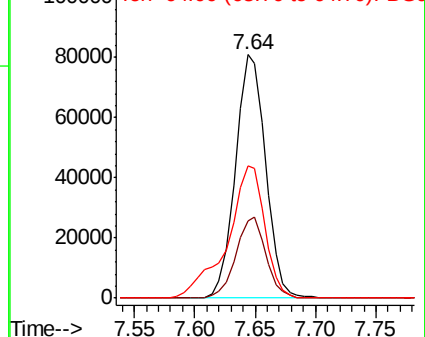
128 100

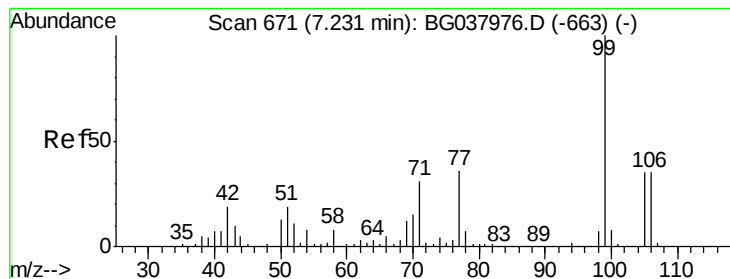
130 32.0 12.0 52.0

64 54.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 24.593 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

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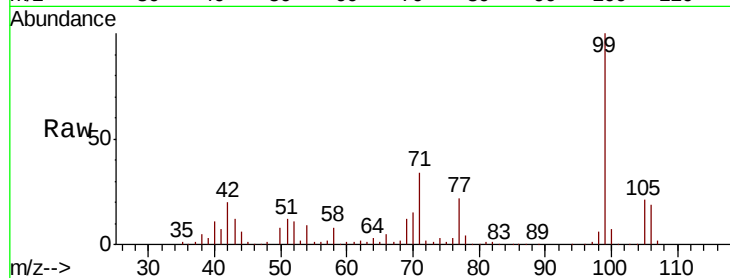
Tgt Ion: 77 Resp: 65102

Ion Ratio Lower Upper

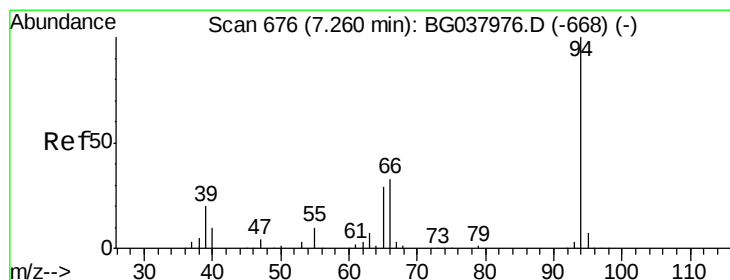
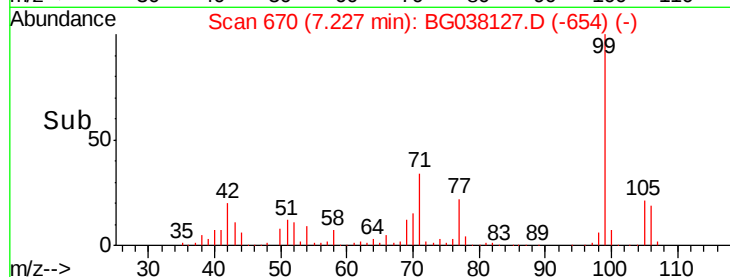
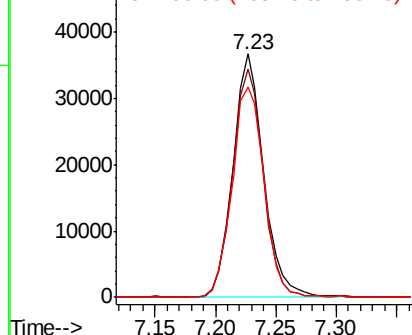
77 100

105 93.9 72.6 112.6

106 86.5 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.460 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

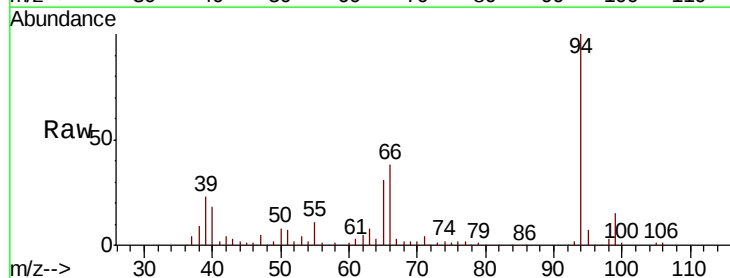
Tgt Ion: 94 Resp: 156872

Ion Ratio Lower Upper

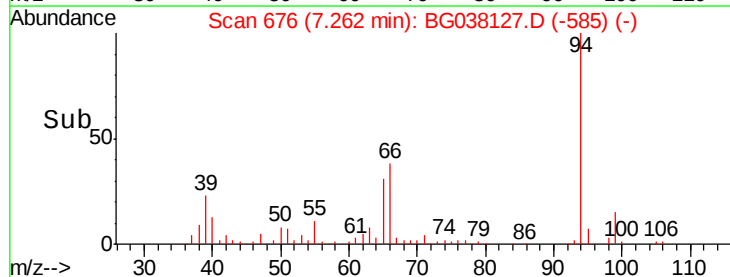
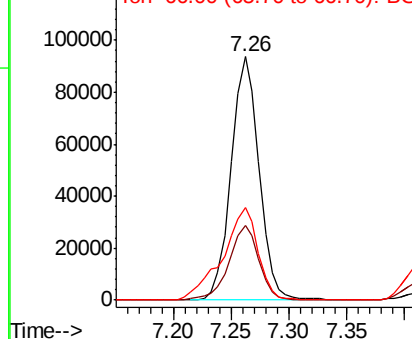
94 100

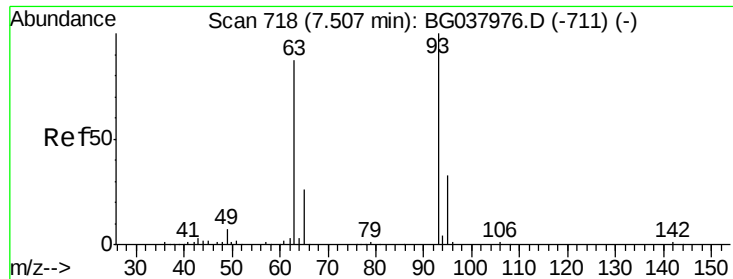
65 30.7 9.7 49.7

66 38.1 15.9 55.9



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

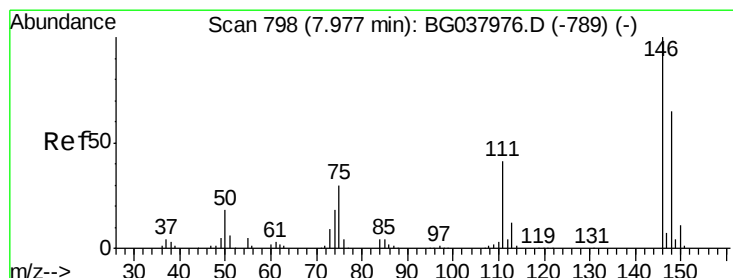
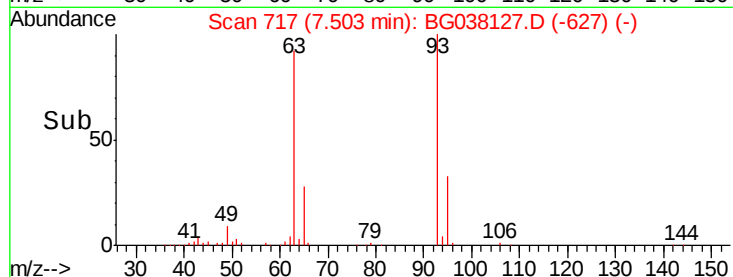
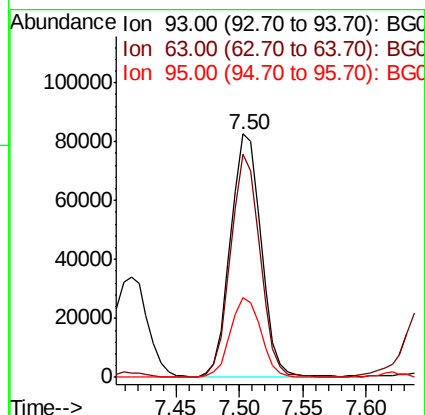
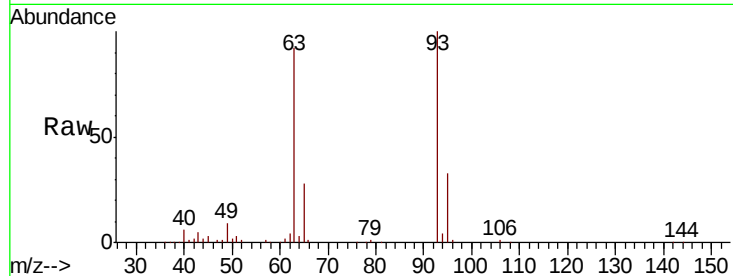




#11
 bis(2-Chloroethyl)ether
 Concen: 43.887 ng
 RT: 7.50 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

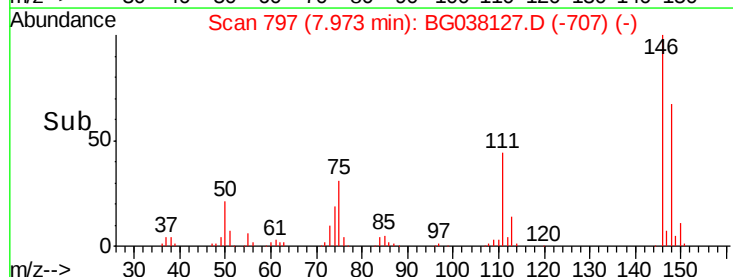
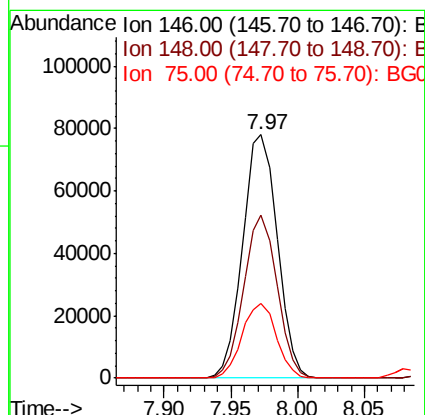
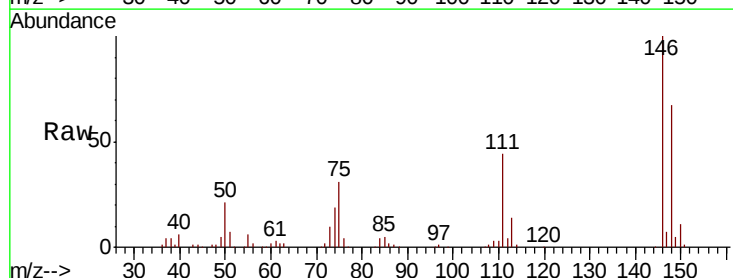
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

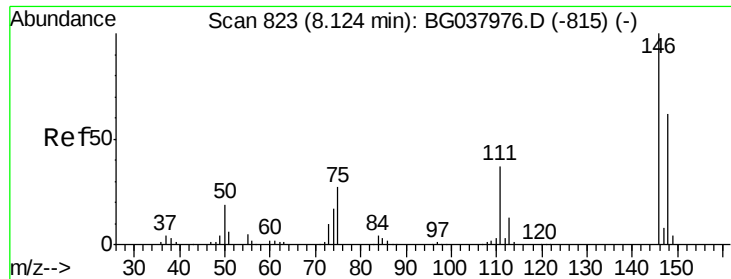
Tgt Ion: 93 Resp: 138916
 Ion Ratio Lower Upper
 93 100
 63 91.8 69.5 109.5
 95 32.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.804 ng
 RT: 7.97 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion: 146 Resp: 139870
 Ion Ratio Lower Upper
 146 100
 148 66.8 49.8 74.8
 75 30.8 23.2 34.8

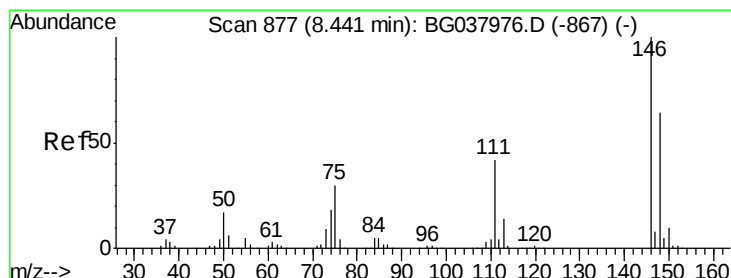
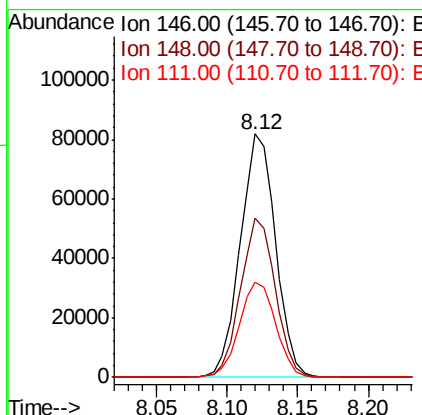
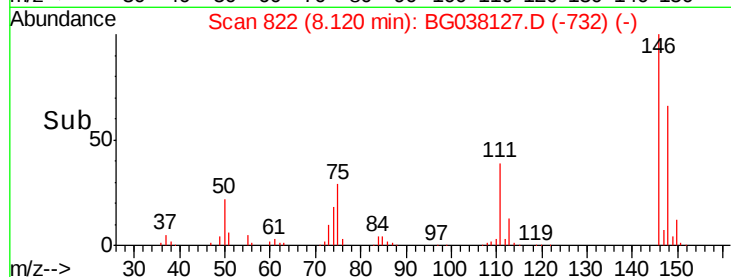
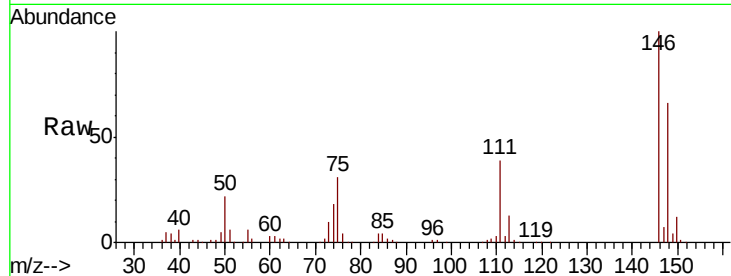




#13
 1,4-Dichlorobenzene
 Concen: 41.313 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

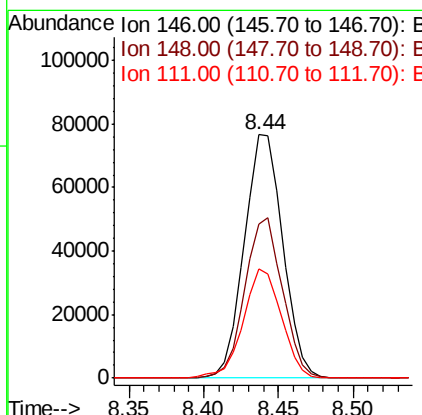
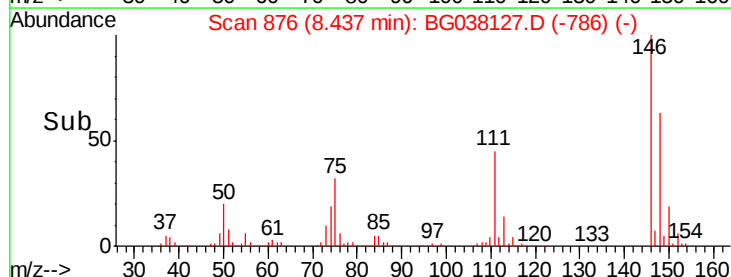
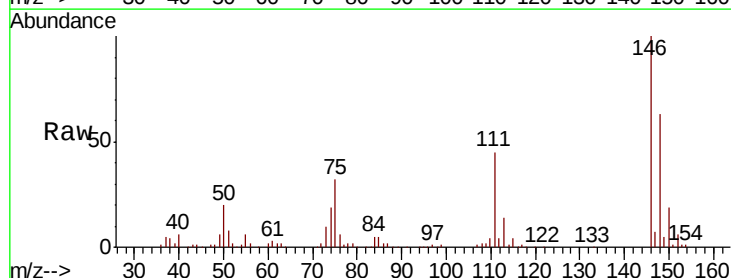
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

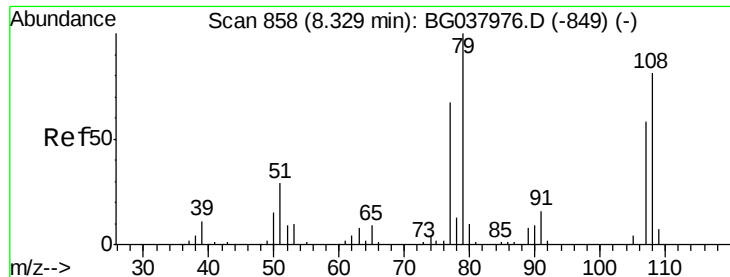
Tgt Ion:146 Resp: 143052
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.0 76.6
 111 39.3 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 41.396 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion:146 Resp: 136852
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 44.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 47.108 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

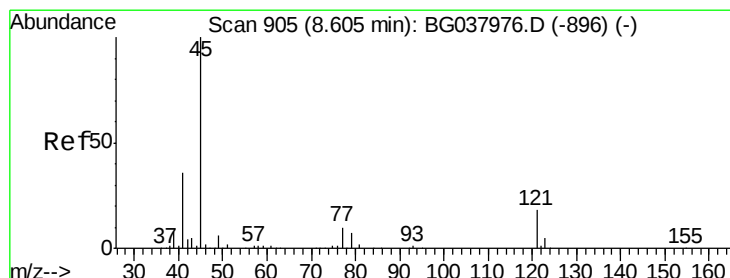
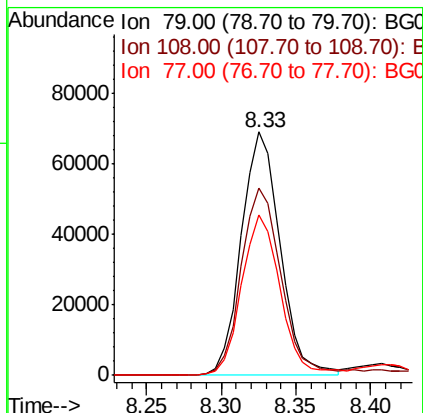
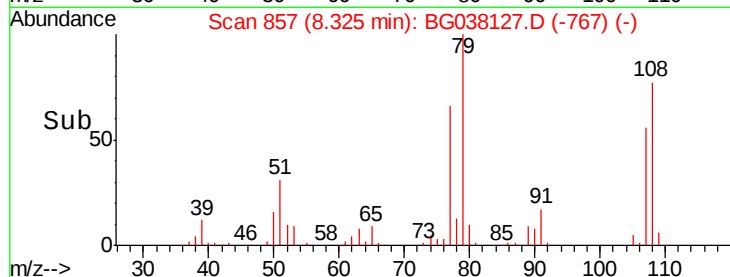
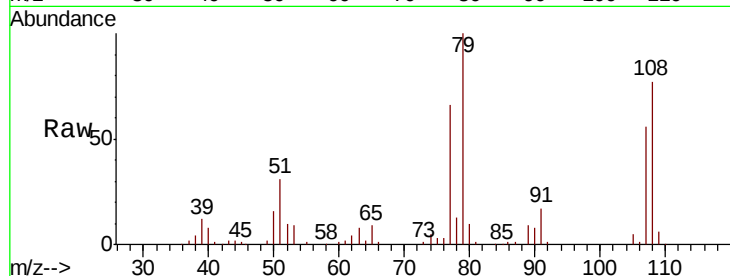
Tgt Ion: 79 Resp: 124773

Ion Ratio Lower Upper

79 100

108 77.2 65.8 98.8

77 66.1 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.810 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

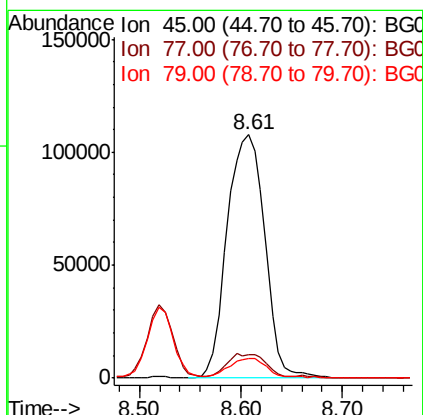
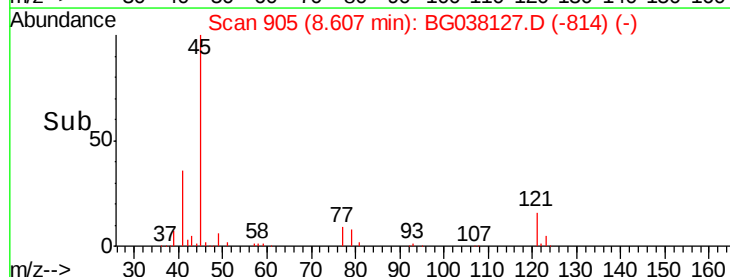
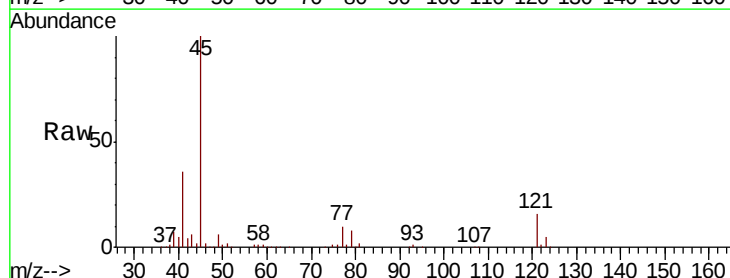
Tgt Ion: 45 Resp: 275131

Ion Ratio Lower Upper

45 100

77 9.6 0.0 30.0

79 8.1 0.0 29.0

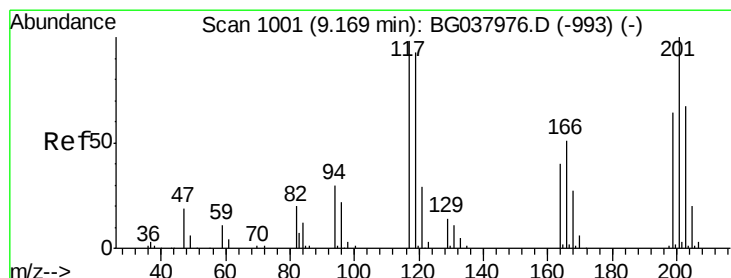
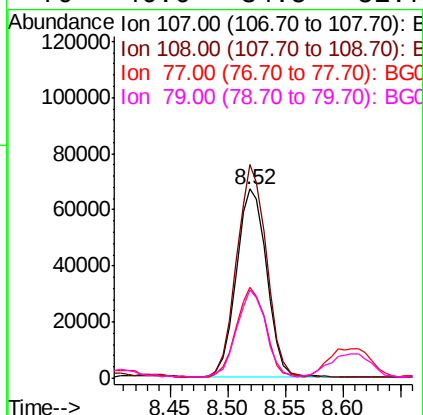
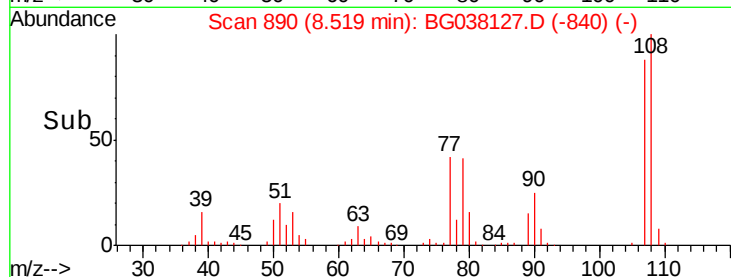
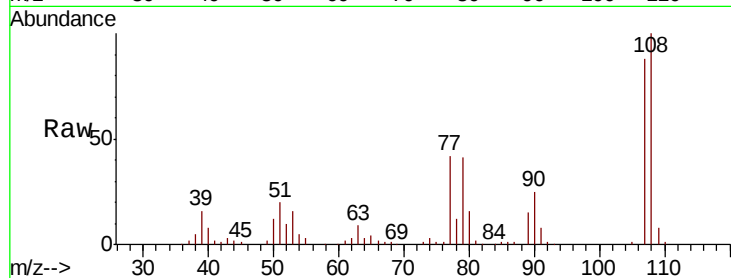




#17
2-Methylphenol
Concen: 47.036 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

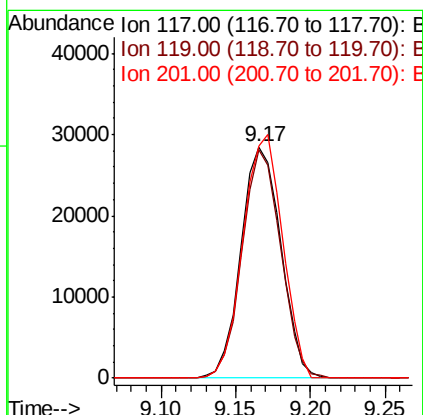
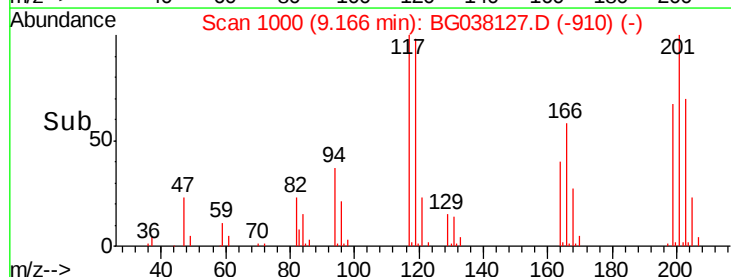
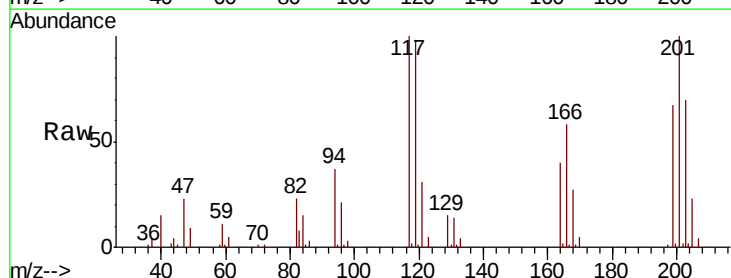
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

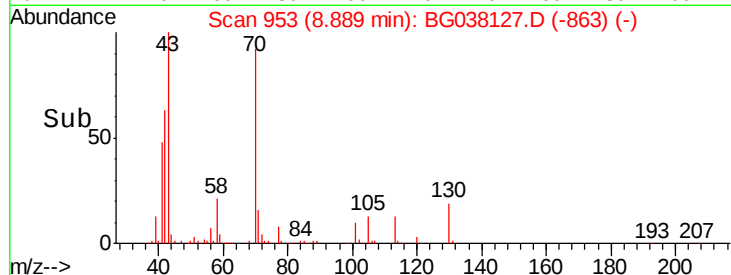
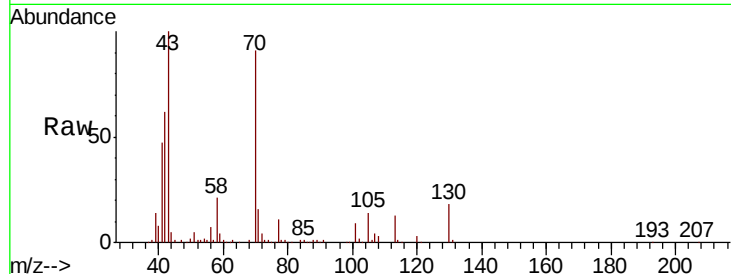
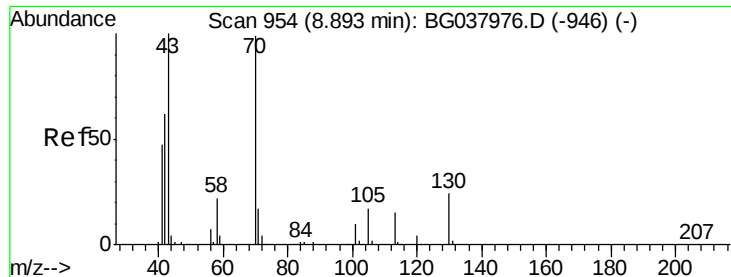
Tgt Ion:	107	Resp:	123297
Ion	Ratio	Lower	Upper
107	100		
108	113.0	87.9	131.9
77	47.9	35.1	52.7
79	46.6	34.5	51.7



#18
Hexachloroethane
Concen: 41.760 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:	117	Resp:	52625
Ion	Ratio	Lower	Upper
117	100		
119	98.7	74.6	111.8
201	100.3	80.8	121.2

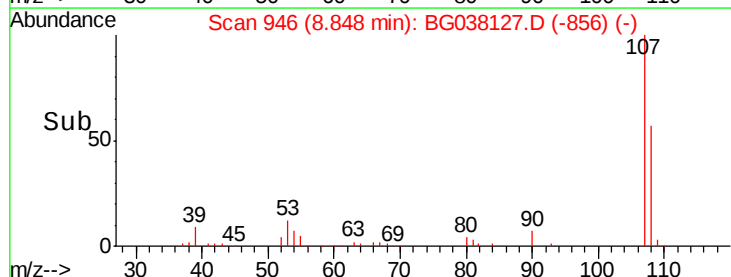
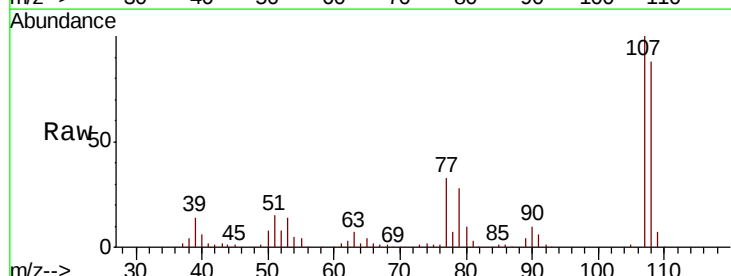
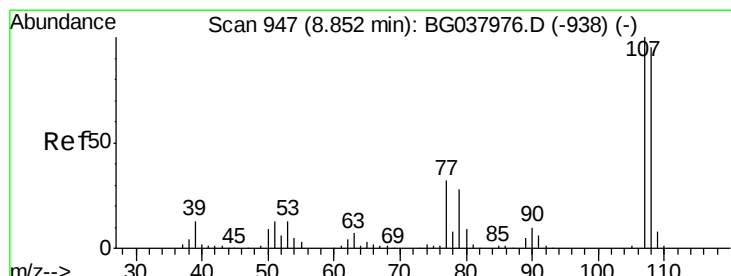
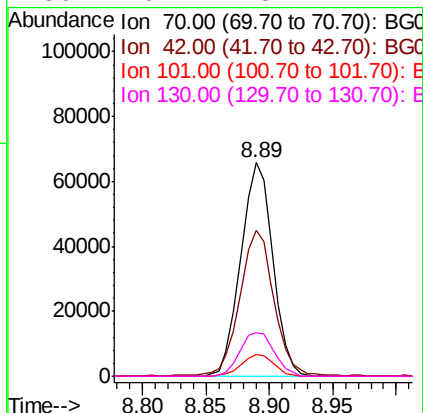




#19
n-Nitroso-di-n-propylamine
Concen: 43.557 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

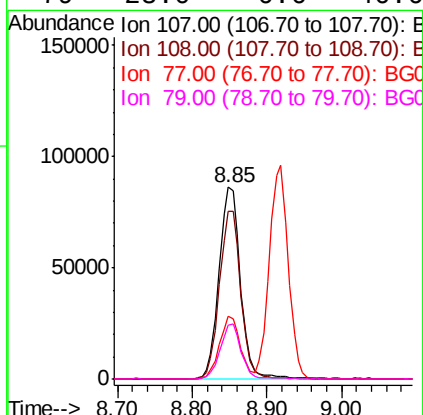
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

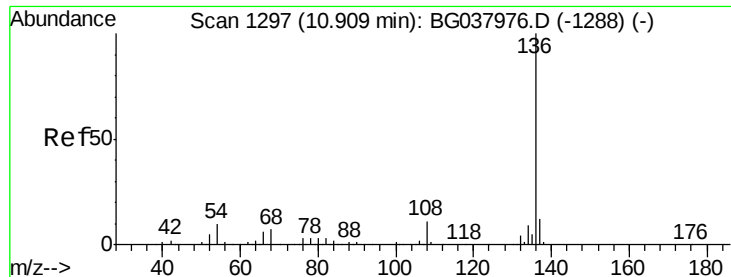
Tgt Ion:	70	Resp:	115365
Ion	Ratio	Lower	Upper
70	100		
42	68.6	53.9	80.9
101	10.4	8.2	12.2
130	20.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 46.512 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:	107	Resp:	172837
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.9	109.9
77	32.9	11.2	51.2
79	28.0	6.6	46.6

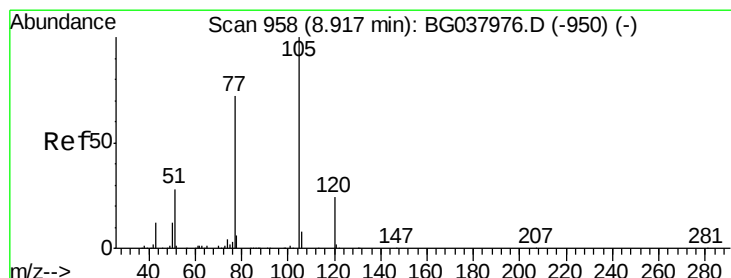
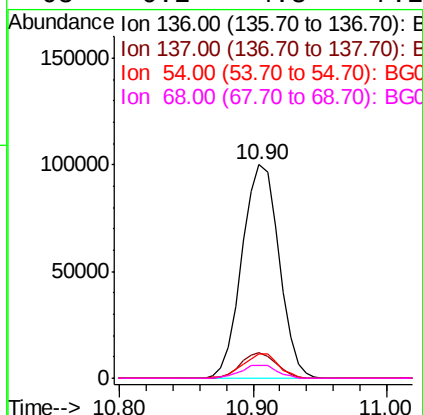
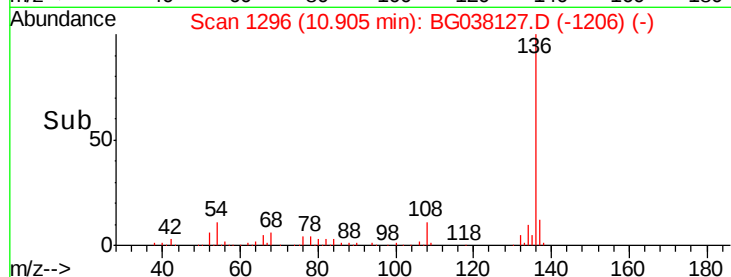
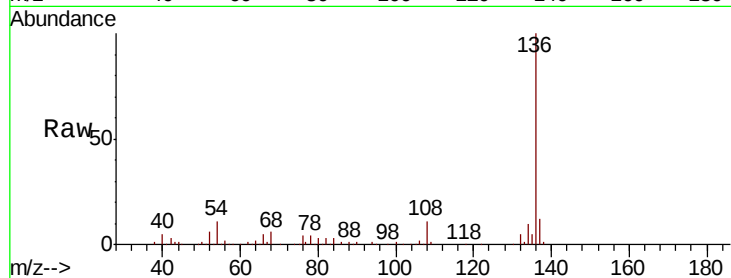




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

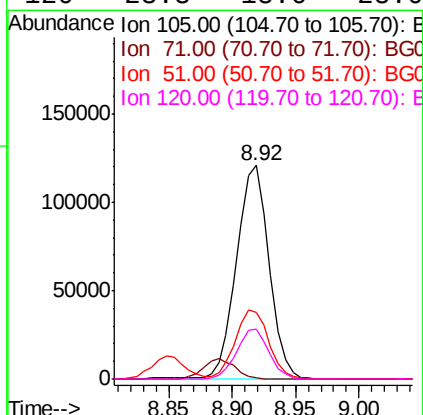
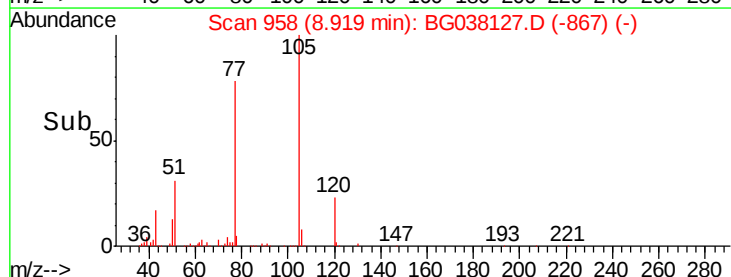
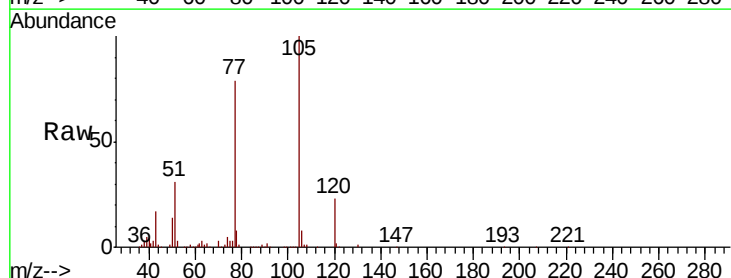
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

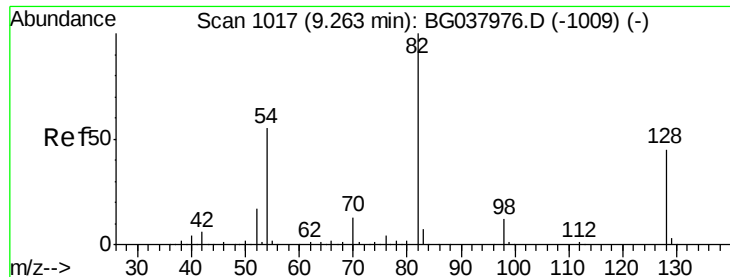
Tgt Ion:	136	Resp:	191924
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	11.2	7.9	11.9
68	6.2	4.8	7.2



#22
Acetophenone
Concen: 44.790 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:	105	Resp:	213878
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	31.4	25.0	37.6
120	23.3	18.6	28.0





#23

Nitrobenzene-d5

Concen: 77.719 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

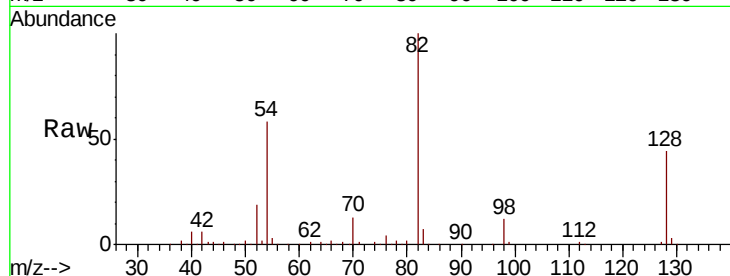
Tgt Ion: 82 Resp: 278649

Ion Ratio Lower Upper

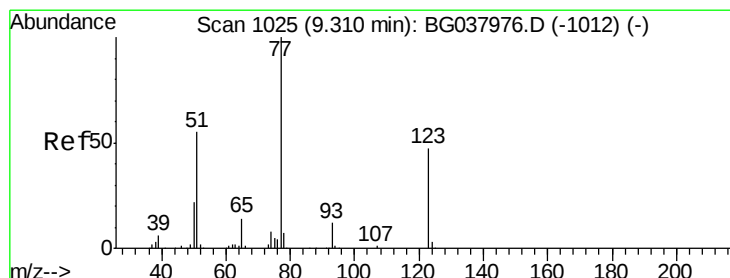
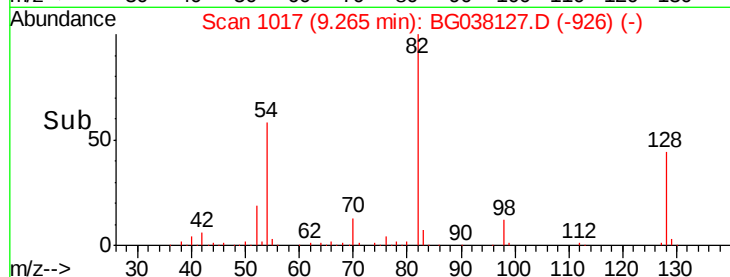
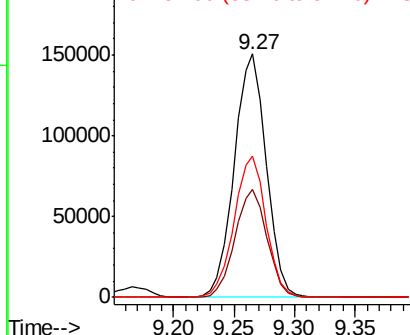
82 100

128 44.1 34.6 51.8

54 58.1 45.3 67.9



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



#24

Nitrobenzene

Concen: 46.869 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

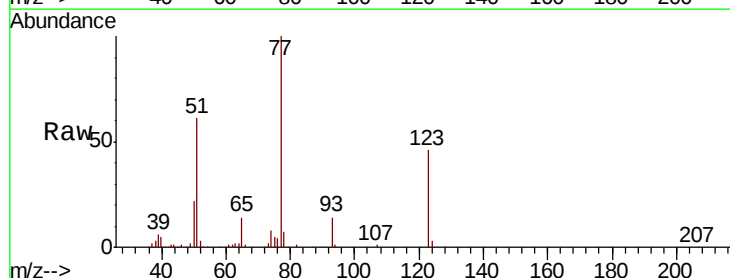
Tgt Ion: 77 Resp: 171898

Ion Ratio Lower Upper

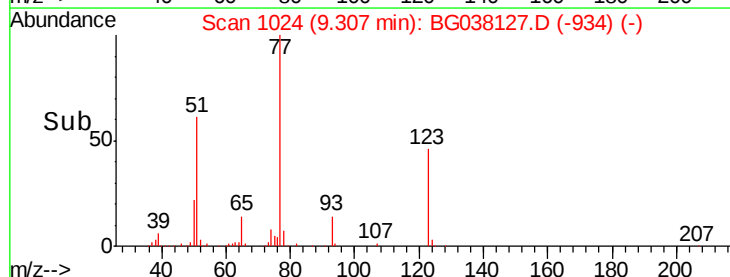
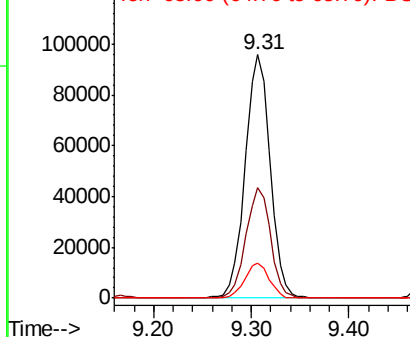
77 100

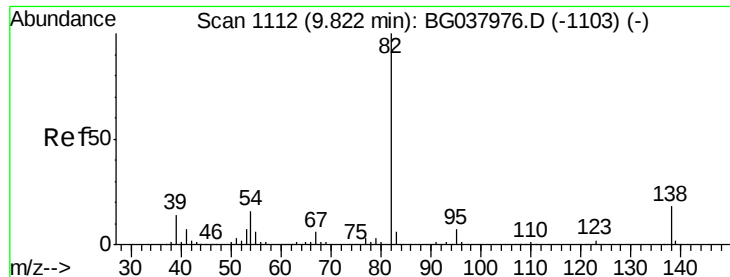
123 45.6 33.6 50.4

65 14.2 11.3 16.9



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





#25

Isophorone

Concen: 50.629 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

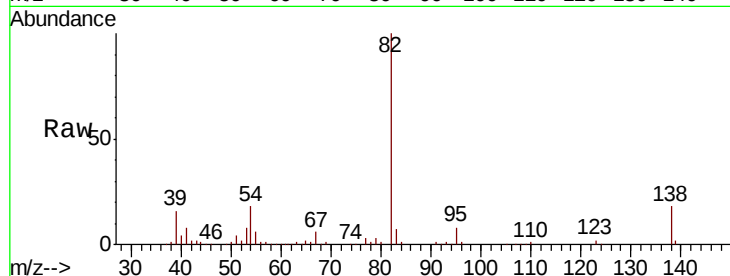
Tgt Ion: 82 Resp: 326720

Ion Ratio Lower Upper

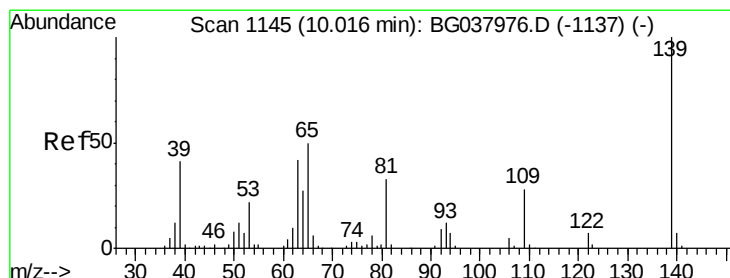
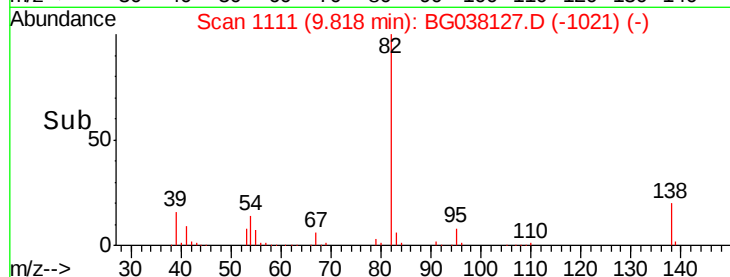
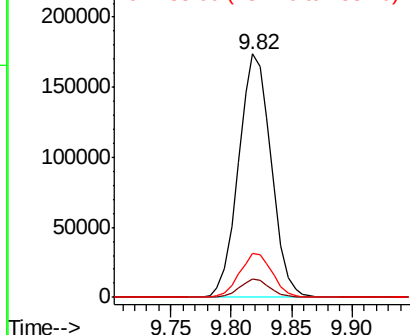
82 100

95 7.6 5.3 7.9

138 18.2 13.3 19.9



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



#26

2-Nitrophenol

Concen: 44.890 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

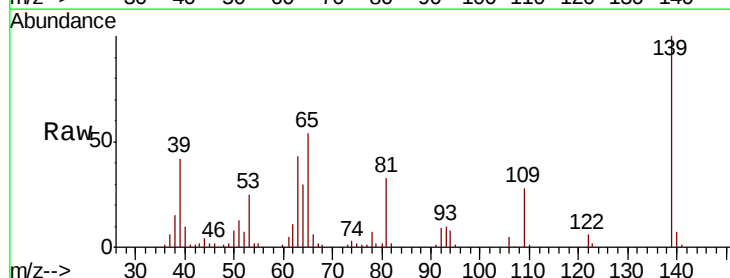
Tgt Ion: 139 Resp: 82193

Ion Ratio Lower Upper

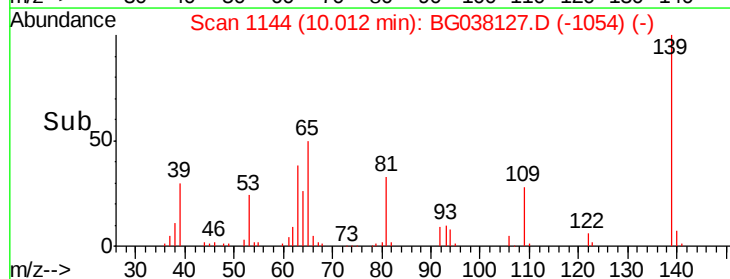
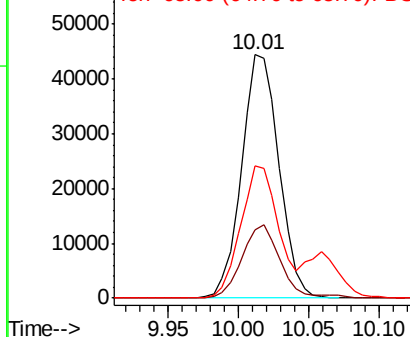
139 100

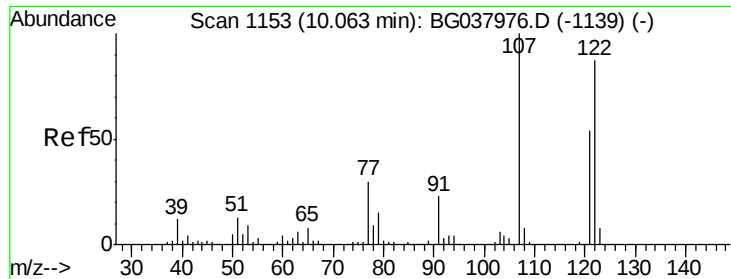
109 28.2 23.3 34.9

65 54.4 39.8 59.8



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

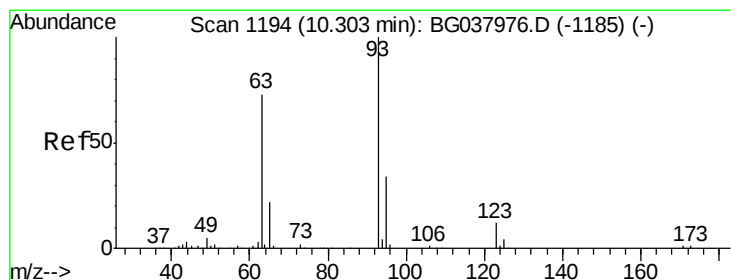
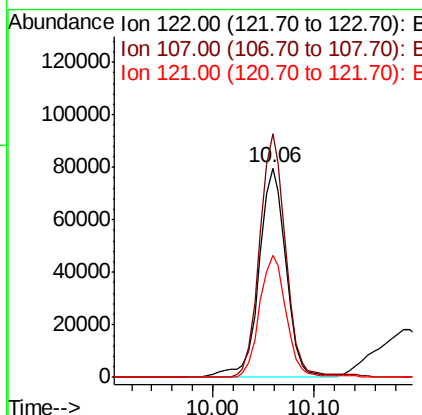
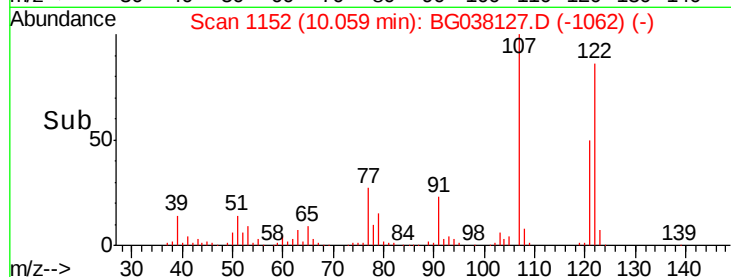
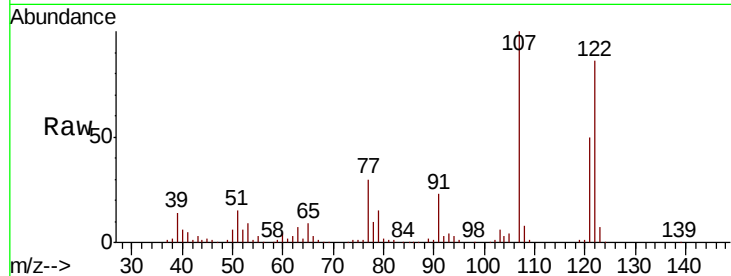




#27
2,4-Dimethylphenol
Concen: 53.392 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

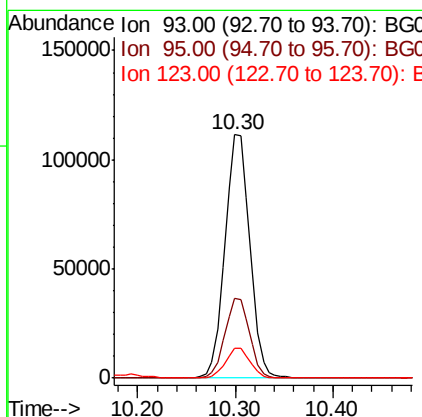
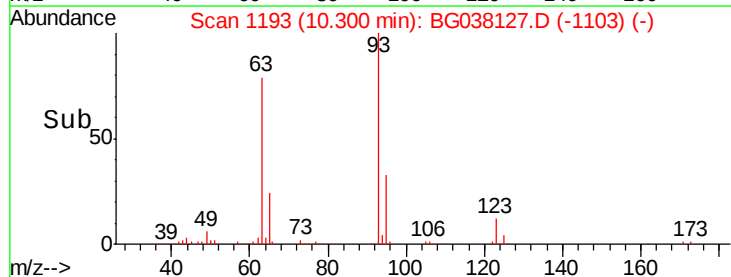
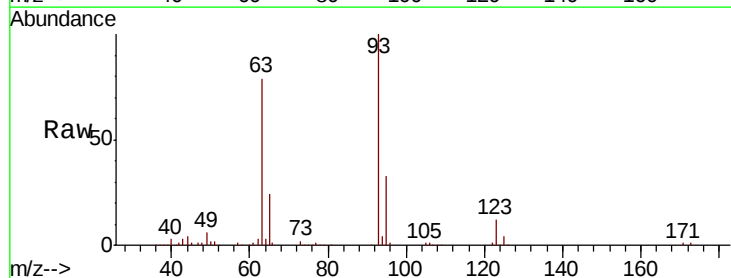
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

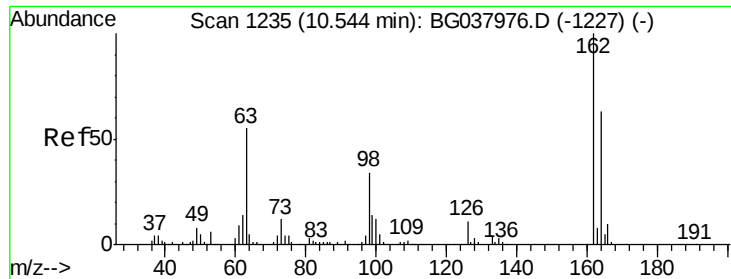
Tgt Ion:122 Resp: 147292
Ion Ratio Lower Upper
122 100
107 116.2 94.2 141.2
121 58.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.686 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion: 93 Resp: 196777
Ion Ratio Lower Upper
93 100
95 32.6 24.6 37.0
123 12.1 9.1 13.7

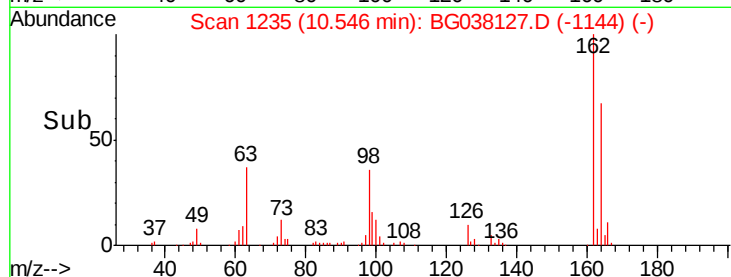
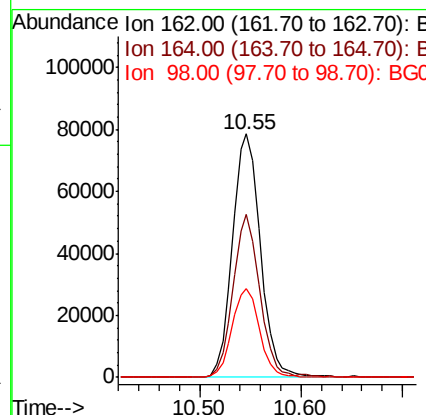
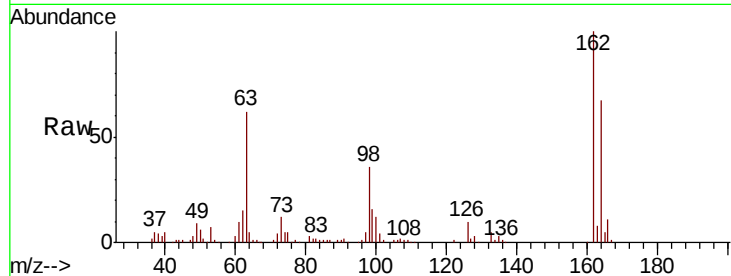




#29
 2,4-Dichlorophenol
 Concen: 48.520 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

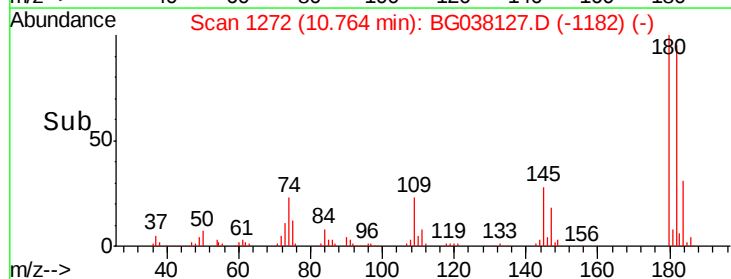
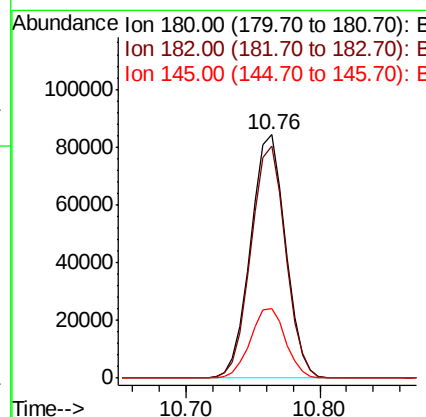
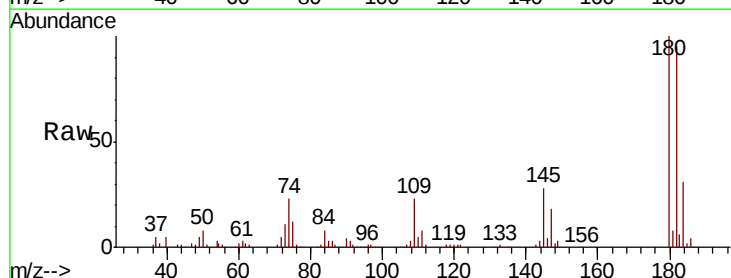
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

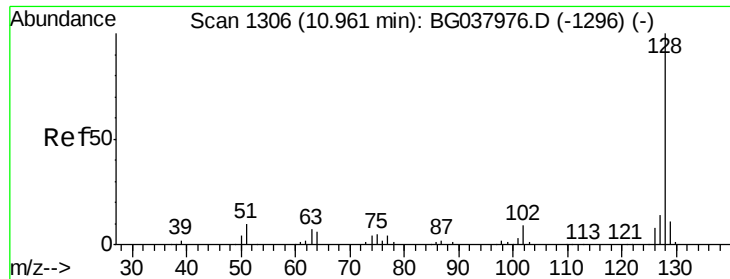
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.0	43.2	83.2
98	36.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.610 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.7	116.5
145	28.3	23.3	34.9

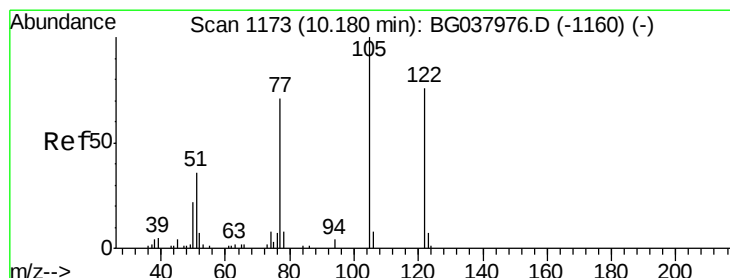
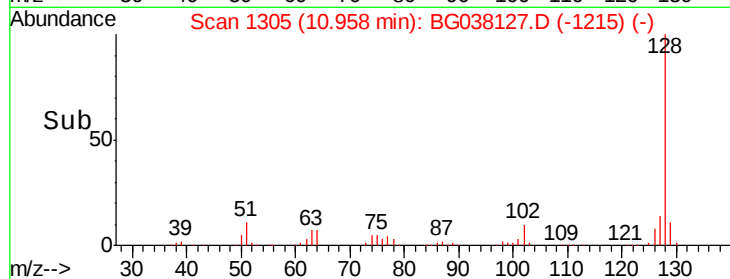
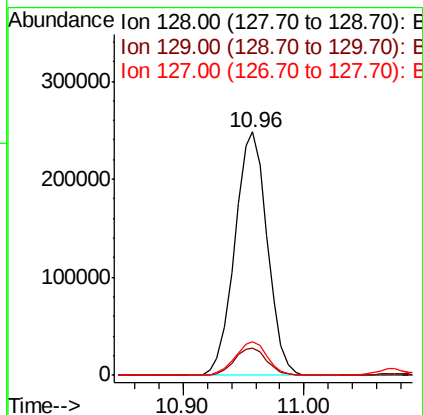
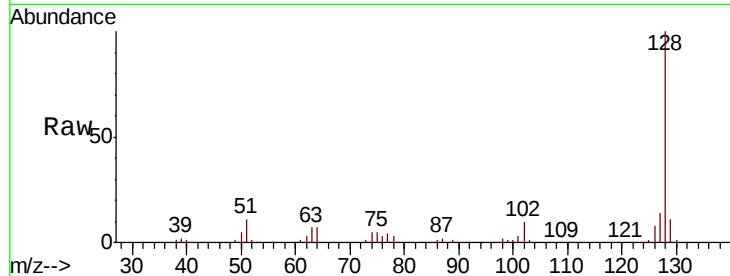




#31
Naphthalene
Concen: 49.060 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

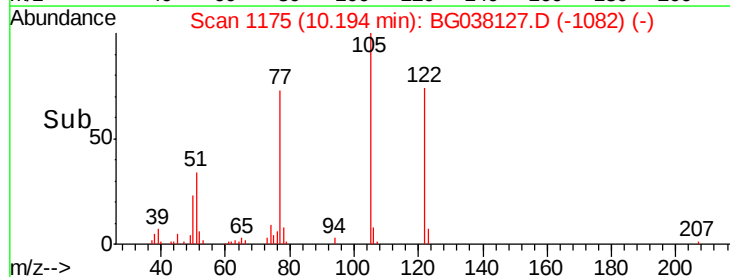
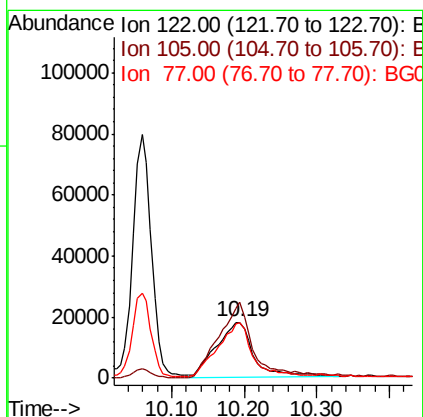
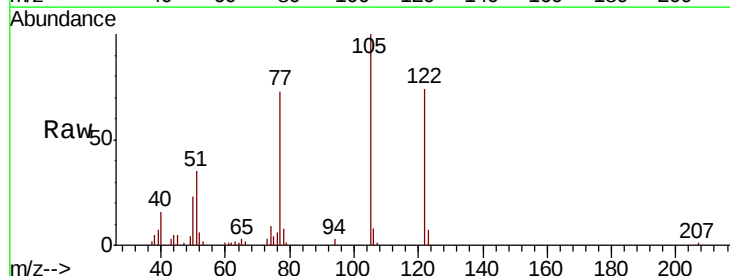
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

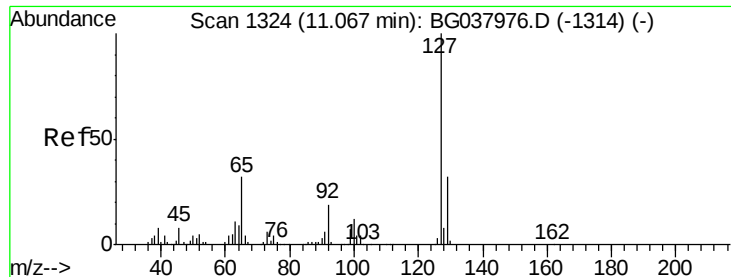
Tgt Ion:128 Resp: 463114
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 39.263 ng
RT: 10.19 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:122 Resp: 64377
Ion Ratio Lower Upper
122 100
105 135.2 106.7 146.7
77 98.3 72.2 112.2

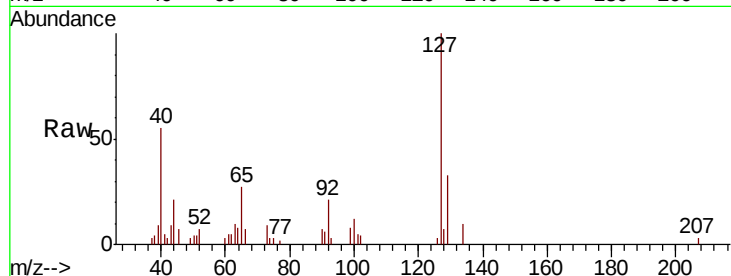




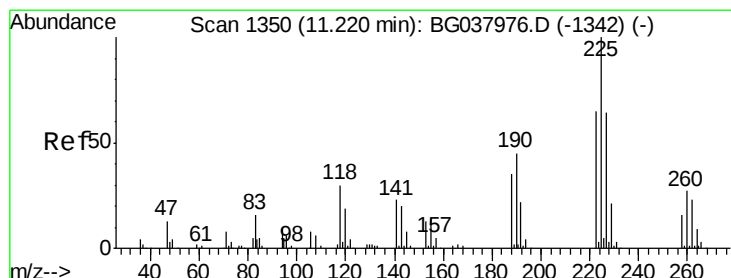
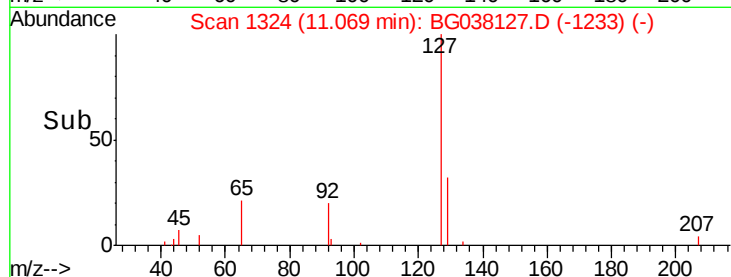
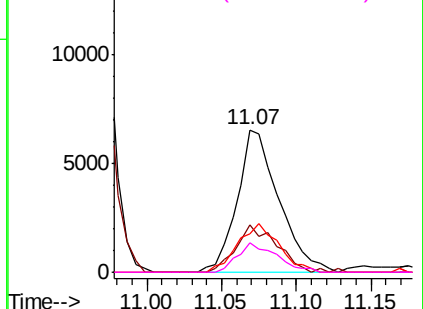
#33
4-Chloroaniline
Concen: 2.877 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

Tgt Ion:	127	Resp:	12632
Ion	Ratio	Lower	Upper
127	100		
129	33.1	27.1	40.7
65	26.7	26.6	39.8
92	20.9	16.4	24.6

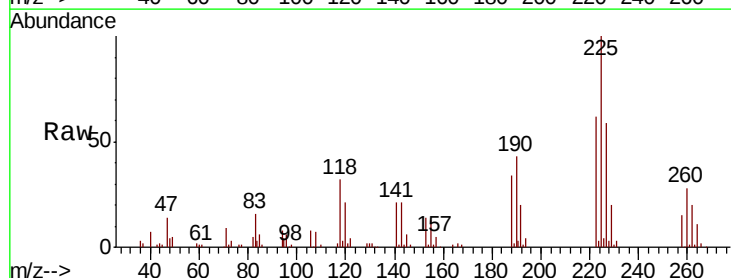


Abundance Ion 127.00 (126.70 to 127.70): E
15000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

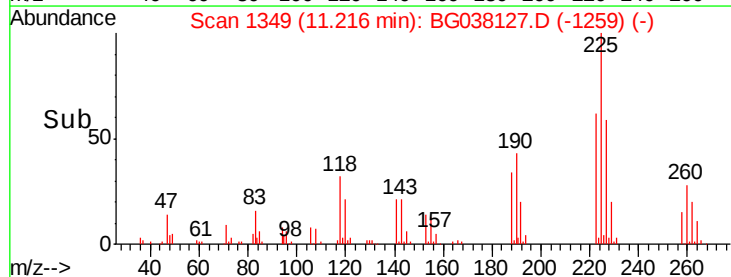
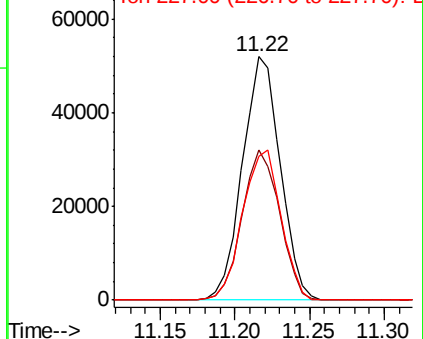


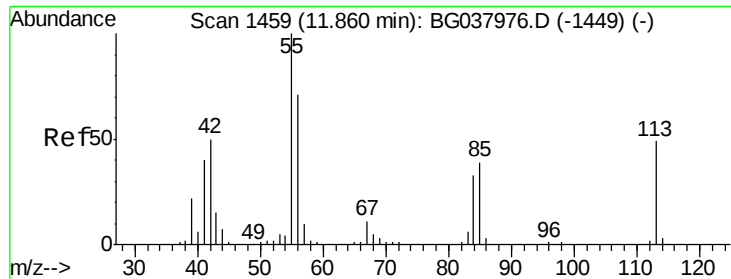
#34
Hexachlorobutadiene
Concen: 42.452 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:	225	Resp:	90850
Ion	Ratio	Lower	Upper
225	100		
223	59.1	48.2	72.4
227	59.7	51.6	77.4



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

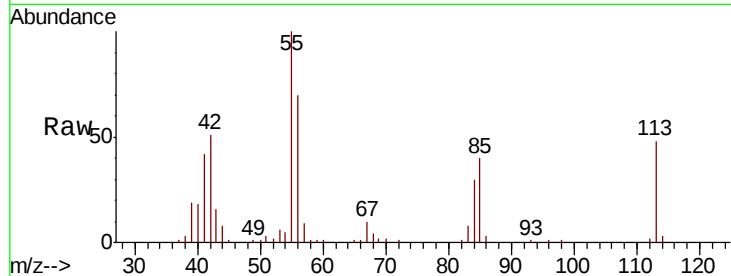




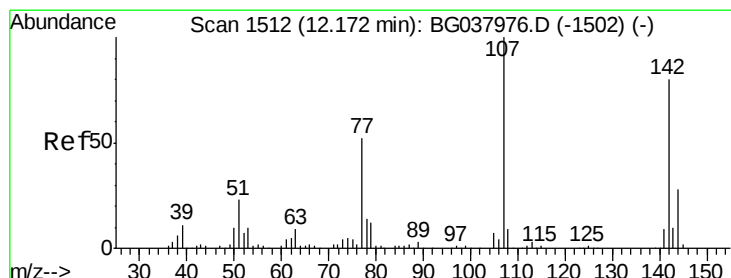
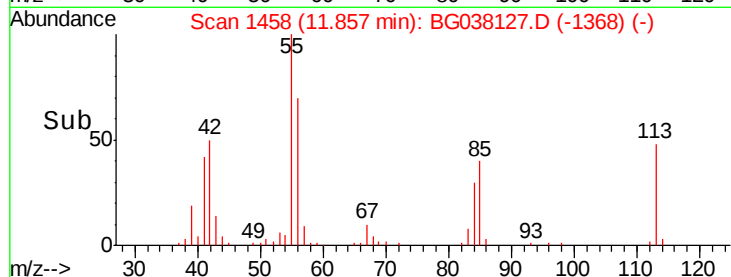
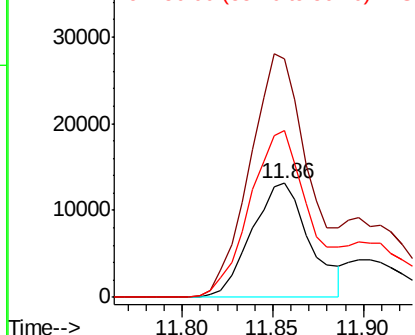
#35
 Caprolactam
 Concen: 23.678 ng
 RT: 11.86 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

Tgt Ion:113 Resp: 29409
 Ion Ratio Lower Upper
 113 100
 55 209.2 176.6 216.6
 56 146.8 128.3 168.3

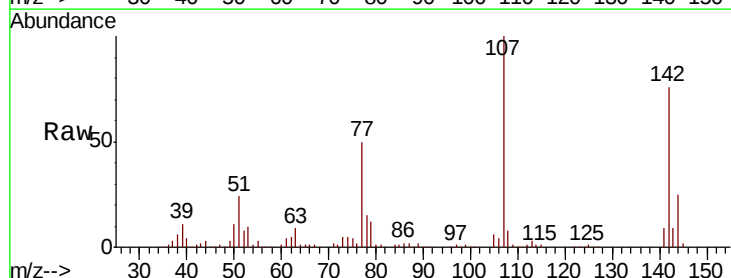


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

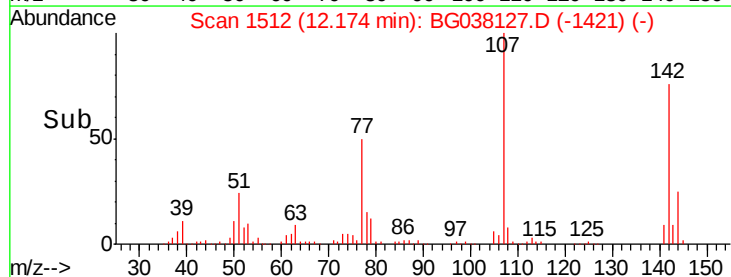
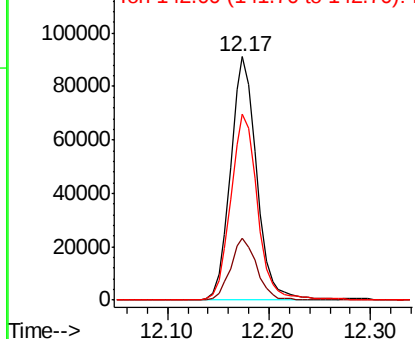


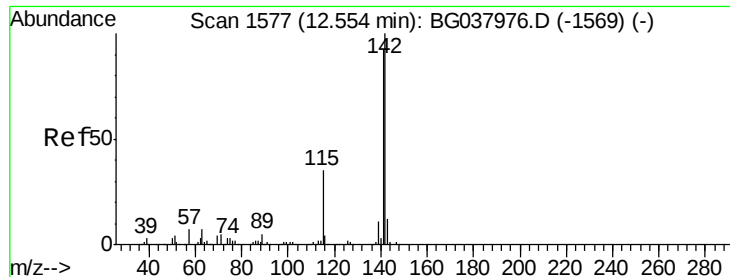
#36
 4-Chloro-3-methylphenol
 Concen: 48.259 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion:107 Resp: 163602
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.7 31.1
 142 76.4 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

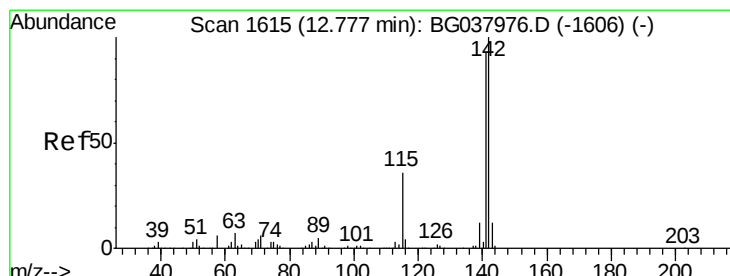
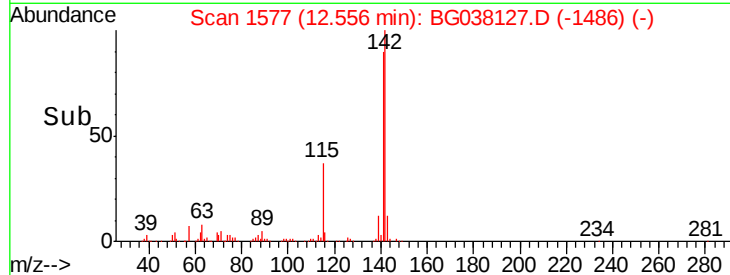
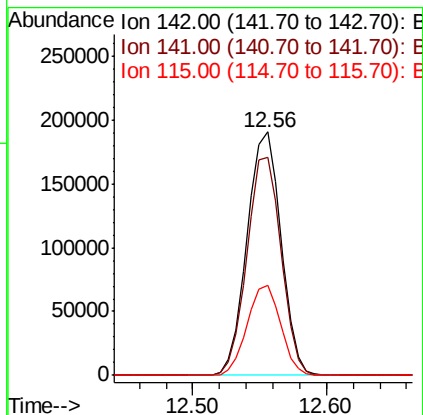
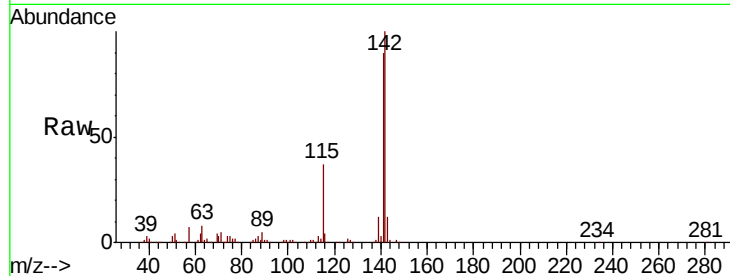




#37
 2-Methylnaphthalene
 Concen: 49.237 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

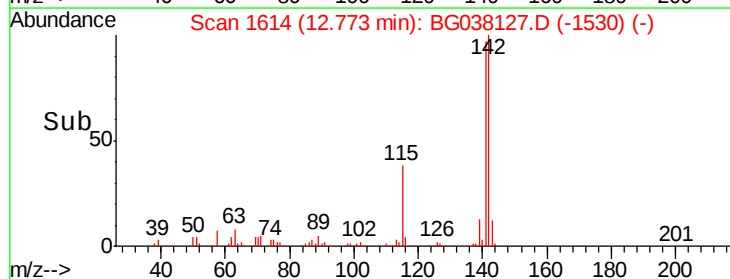
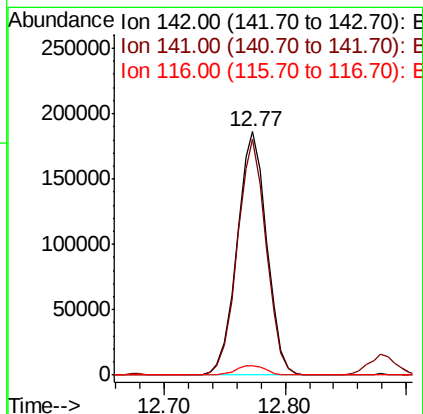
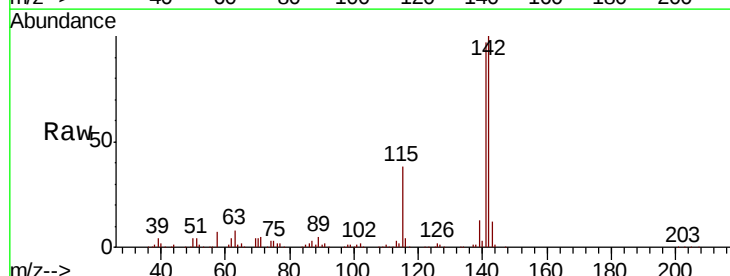
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

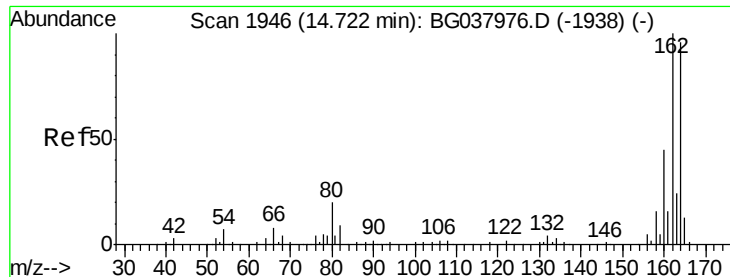
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	37.2	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 48.670 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

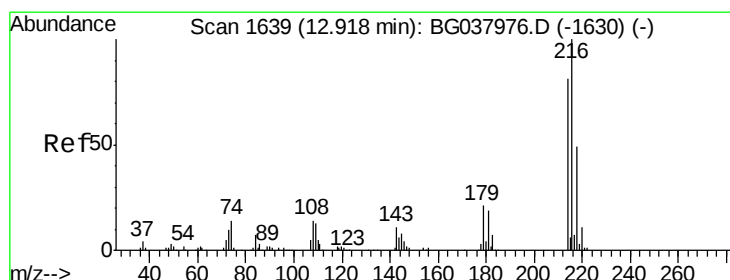
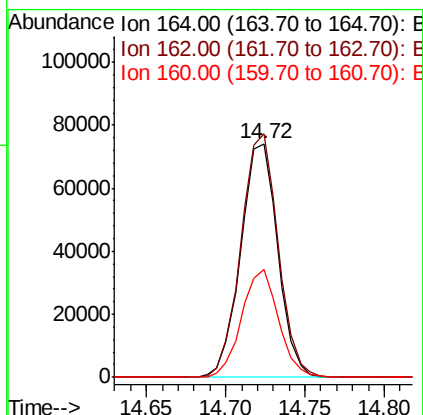
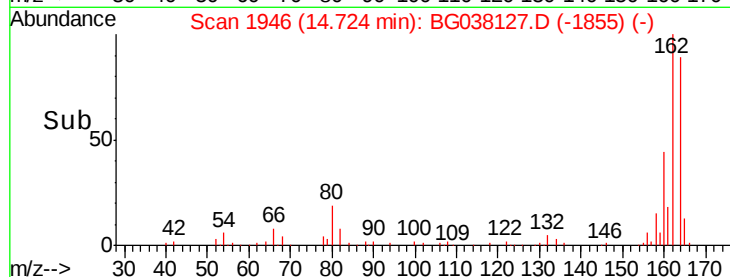
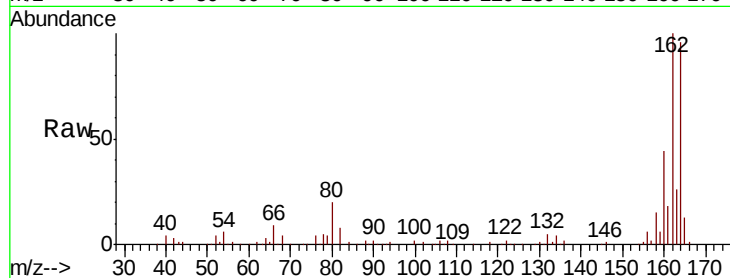
Tgt Ion:164 Resp: 120178

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

160 46.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.896 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Tgt Ion:216 Resp: 172264

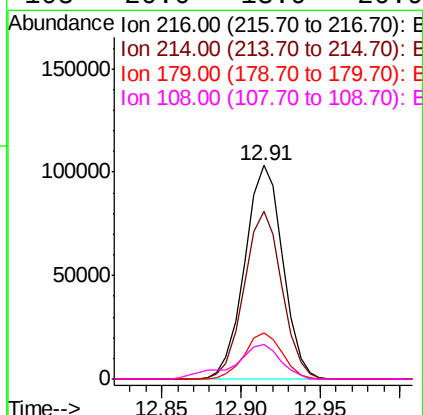
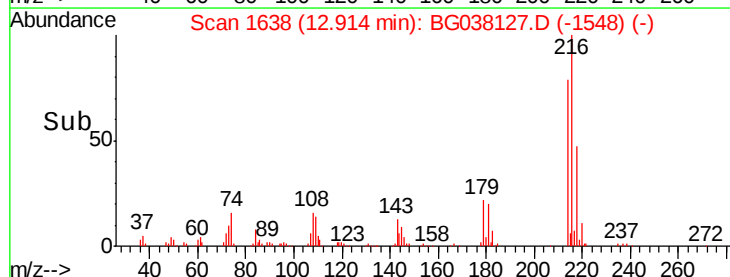
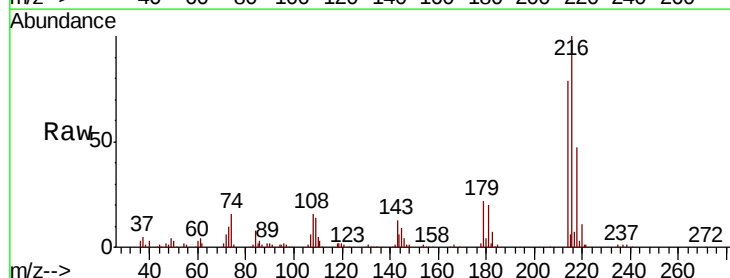
Ion Ratio Lower Upper

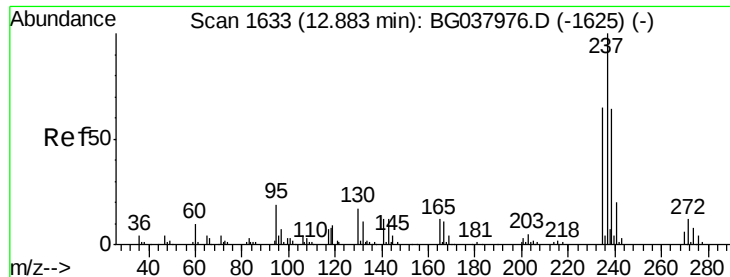
216 100

214 77.7 63.8 95.6

179 21.3 17.4 26.0

108 20.0 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 96.144 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

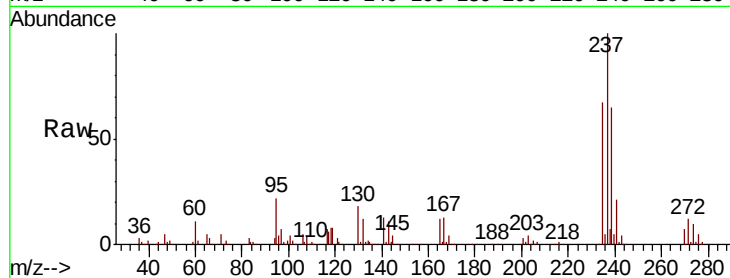
Tgt Ion: 237 Resp: 206746

Ion Ratio Lower Upper

237 100

235 66.6 42.5 82.5

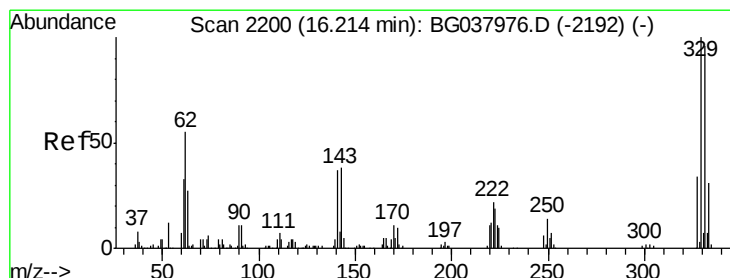
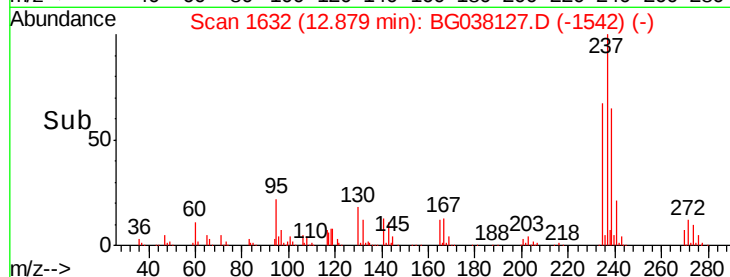
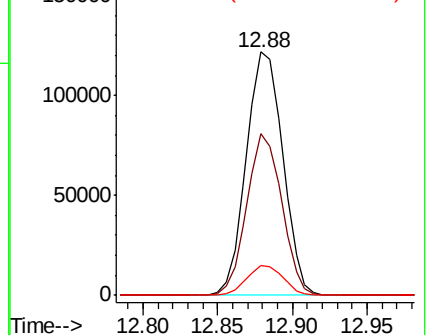
272 12.3 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.643 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

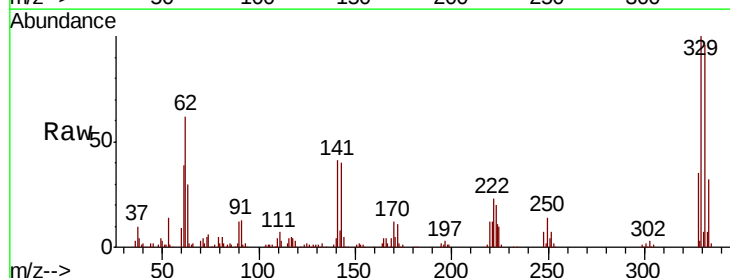
Tgt Ion: 330 Resp: 154389

Ion Ratio Lower Upper

330 100

332 97.7 78.4 117.6

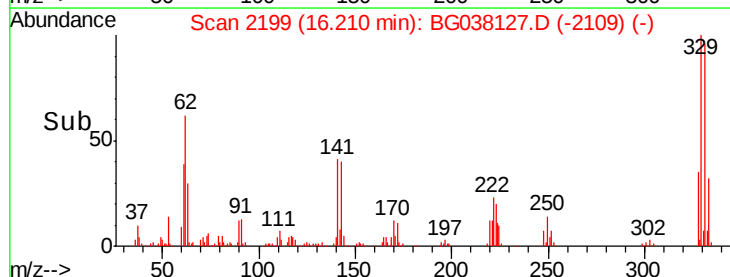
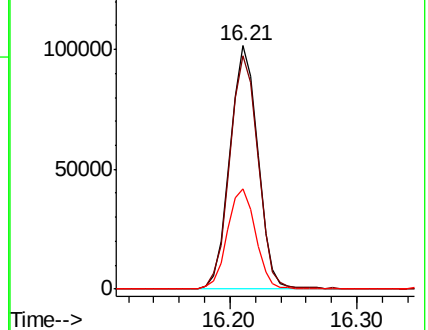
141 42.0 32.2 48.2

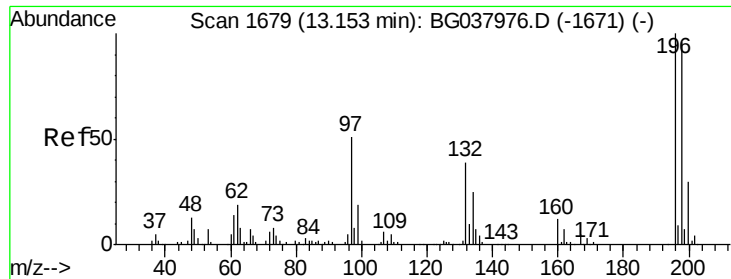


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

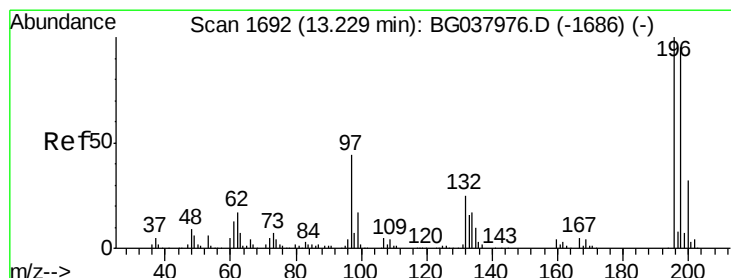
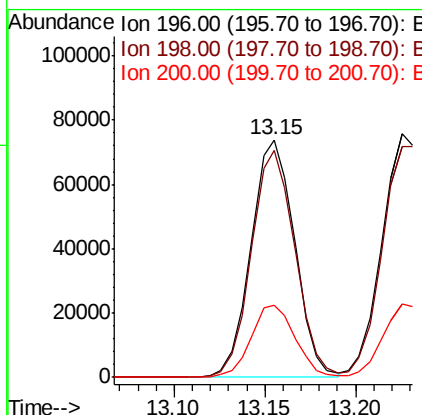
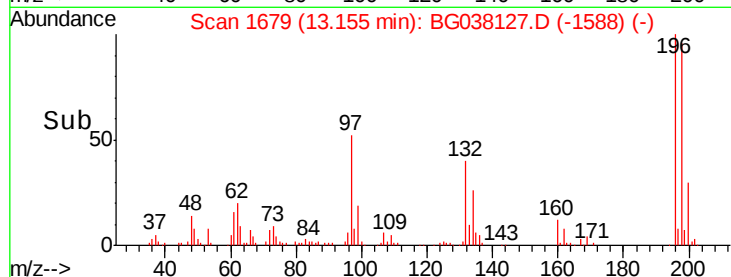
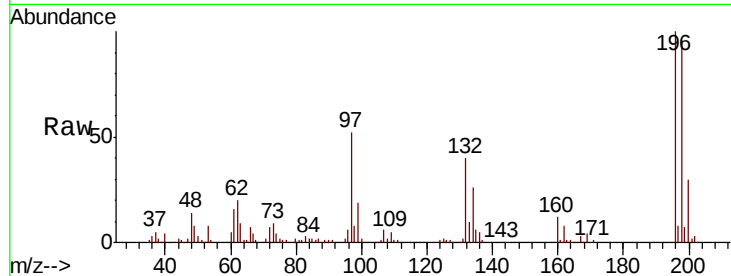




#43
 2,4,6-Trichlorophenol
 Concen: 45.099 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

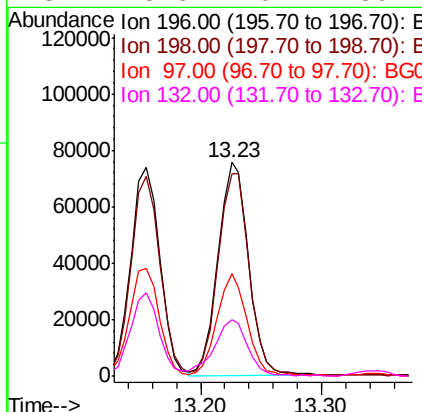
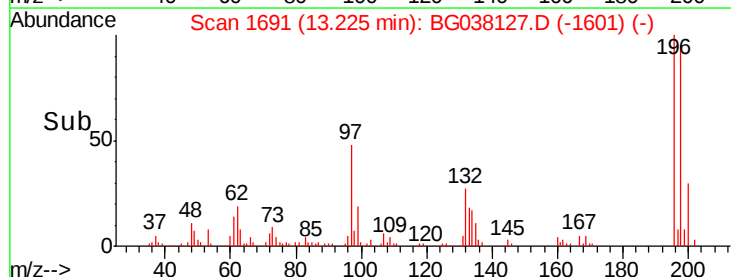
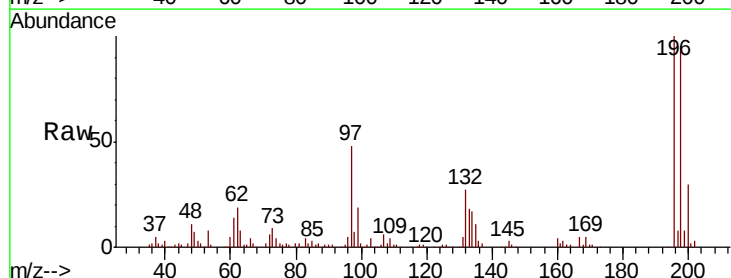
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

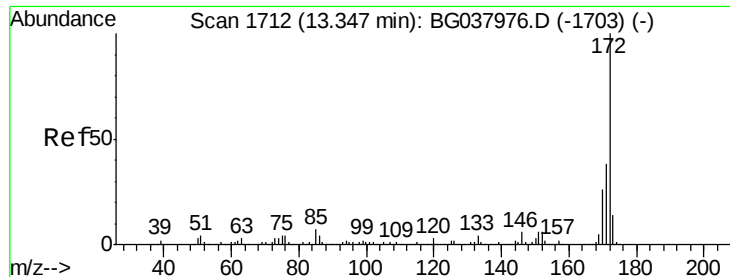
Tgt Ion:196 Resp: 123414
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.4 114.6
 200 30.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.878 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion:196 Resp: 132099
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.2
 97 48.1 34.1 51.1
 132 26.6 20.2 30.4

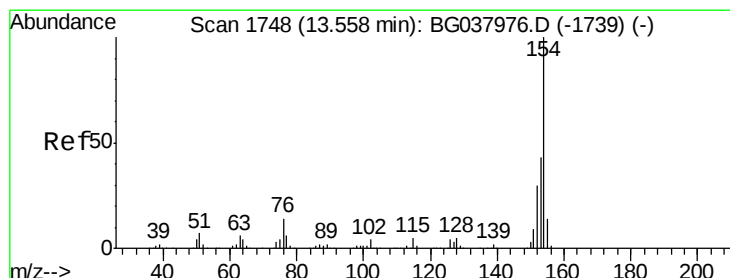
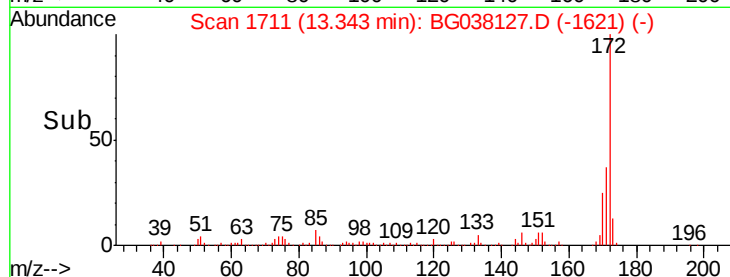
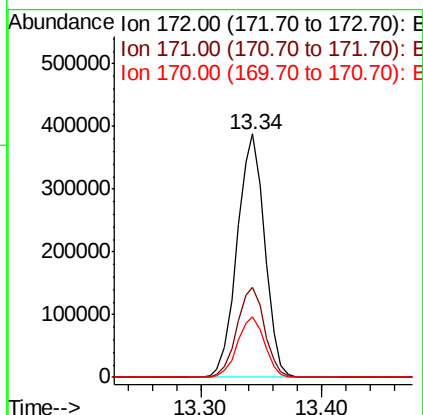
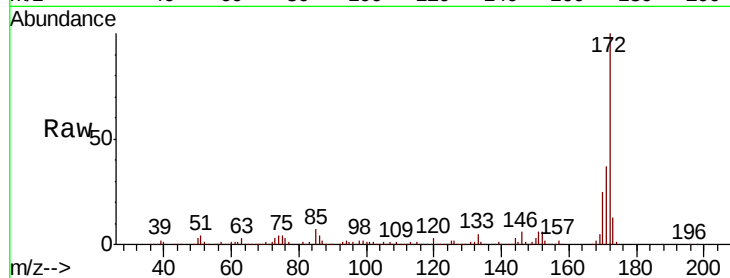




#45
 2-Fluorobiphenyl
 Concen: 74.670 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

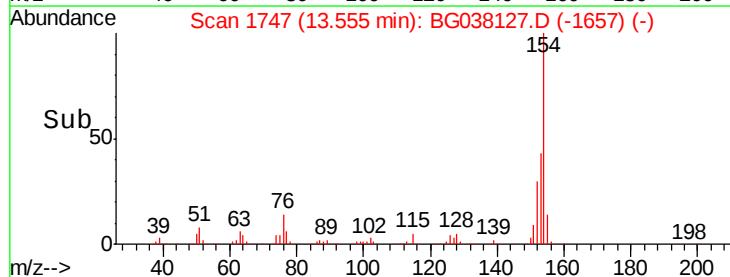
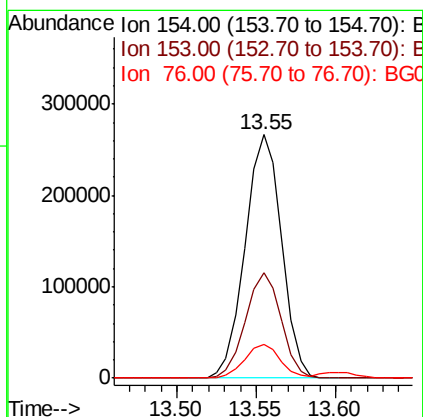
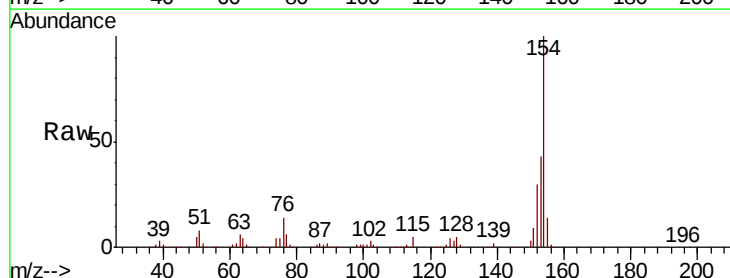
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

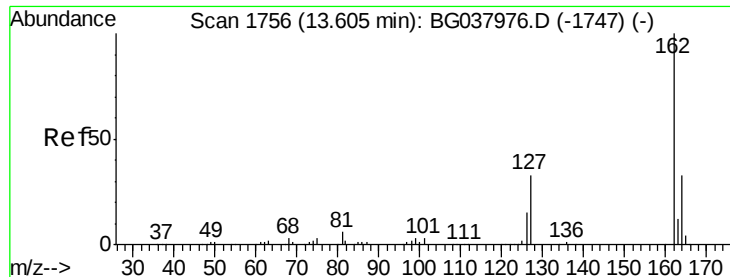
Tgt Ion:172 Resp: 615966
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.8 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 42.100 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion:154 Resp: 425052
 Ion Ratio Lower Upper
 154 100
 153 43.1 22.1 62.1
 76 14.0 0.0 33.2

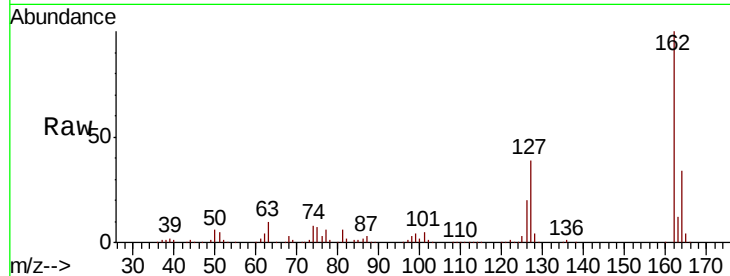




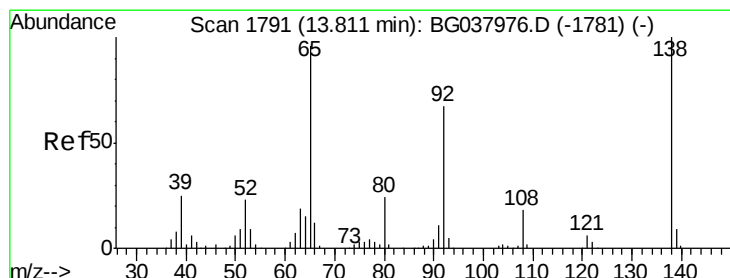
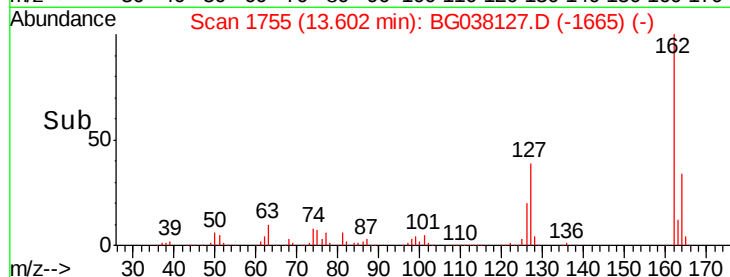
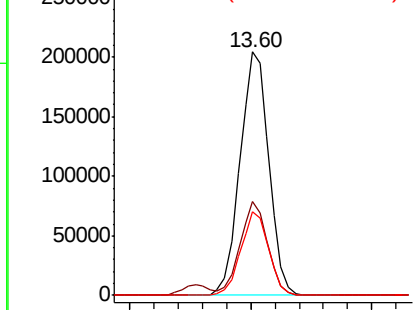
#47
 2-Chloronaphthalene
 Concen: 43.981 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

Tgt Ion: 162 Resp: 338846
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.5 45.7
 164 34.1 26.4 39.6

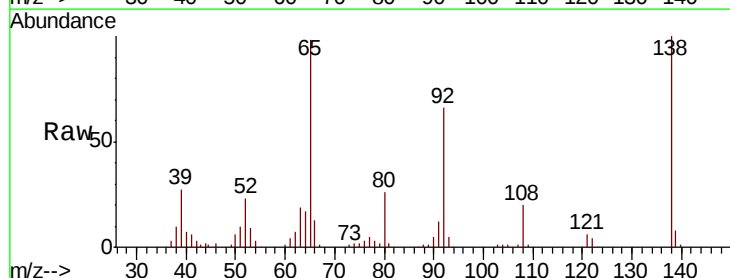


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

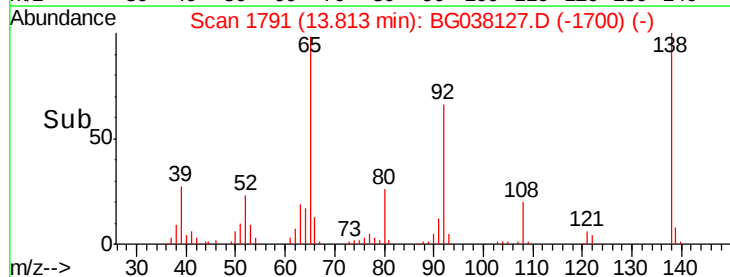
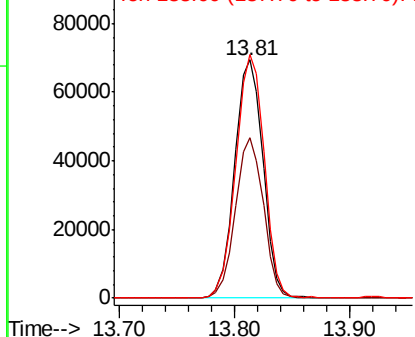


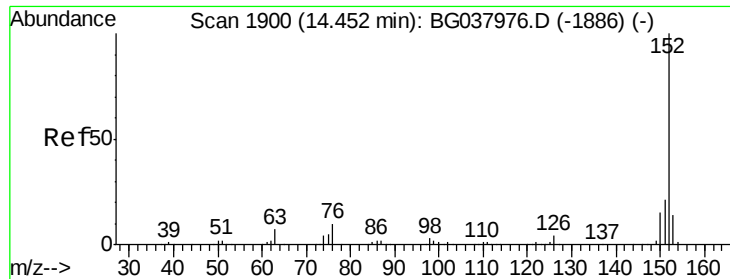
#48
 2-Nitroaniline
 Concen: 48.669 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion: 65 Resp: 118010
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.2 79.8
 138 102.1 79.3 118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.241 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

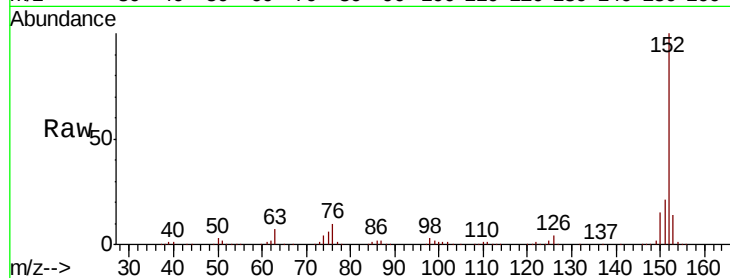
Tgt Ion:152 Resp: 558904

Ion Ratio Lower Upper

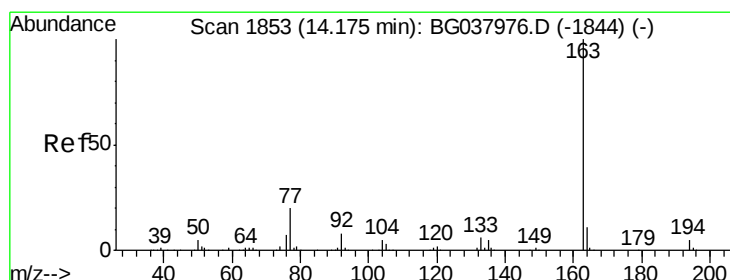
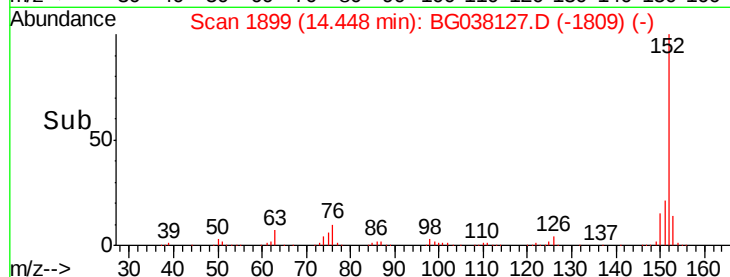
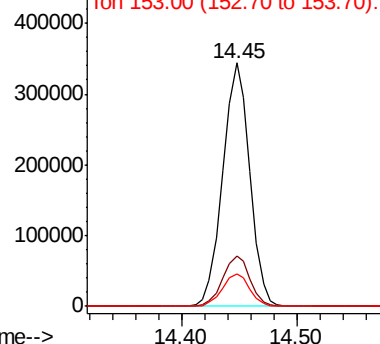
152 100

151 20.8 17.1 25.7

153 13.5 11.1 16.7



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



#50

Dimethylphthalate

Concen: 46.823 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

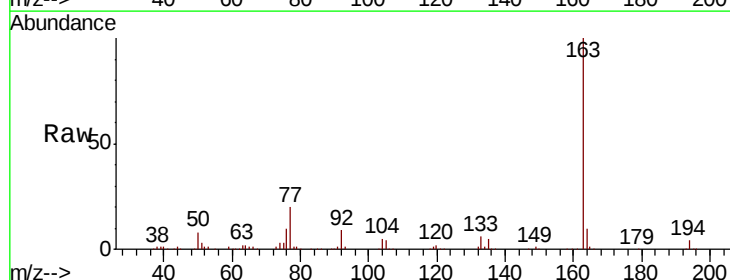
Tgt Ion:163 Resp: 446101

Ion Ratio Lower Upper

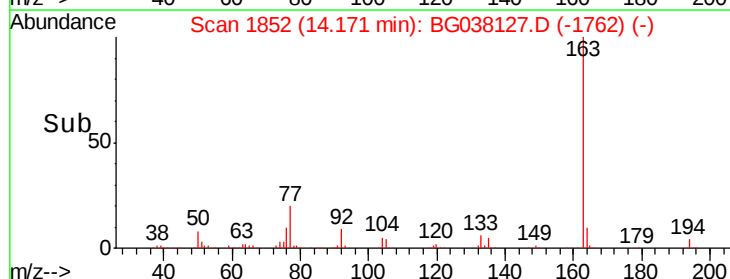
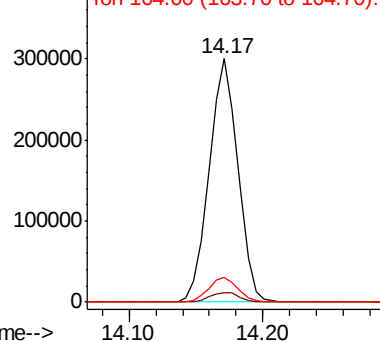
163 100

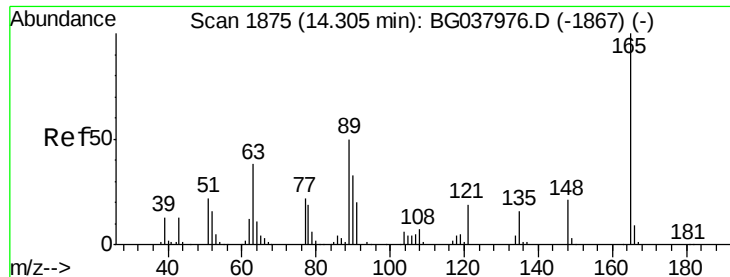
194 4.1 3.5 5.3

164 10.0 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 47.129 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

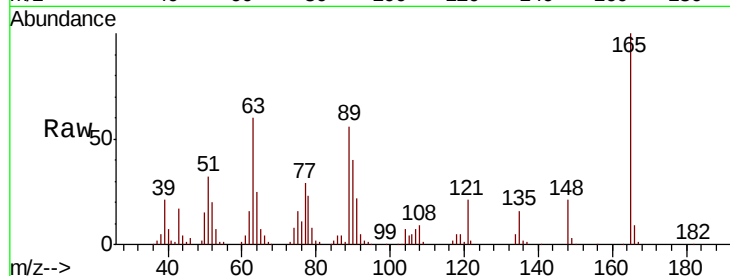
Tgt Ion:165 Resp: 101624

Ion Ratio Lower Upper

165 100

63 59.6 43.4 65.2

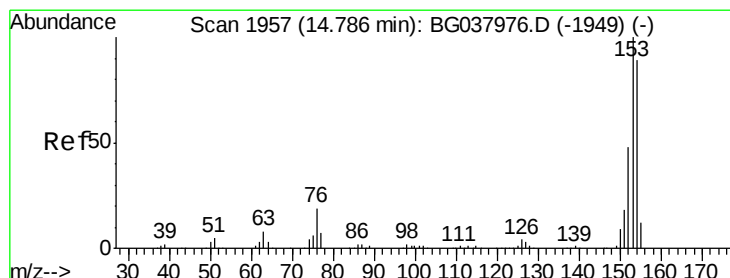
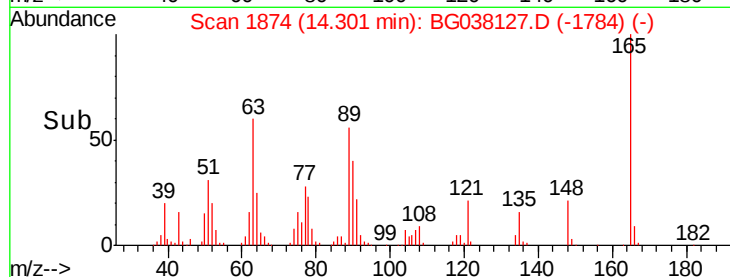
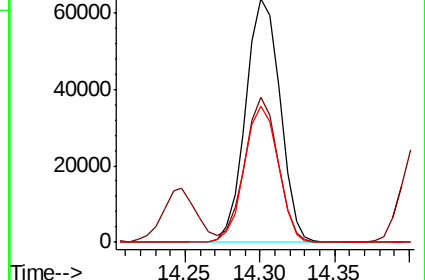
89 55.7 45.8 68.6



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



#52

Acenaphthene

Concen: 46.965 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

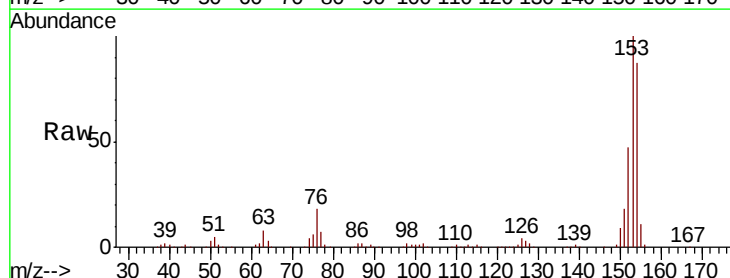
Tgt Ion:154 Resp: 327575

Ion Ratio Lower Upper

154 100

153 115.5 93.4 140.0

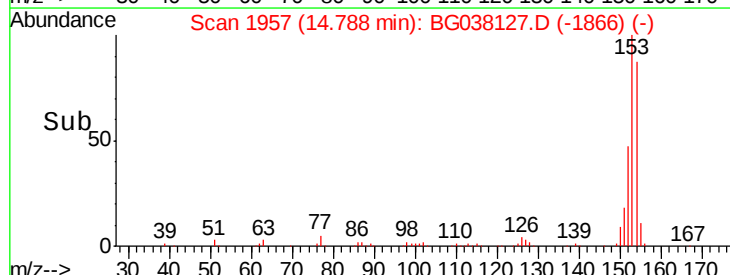
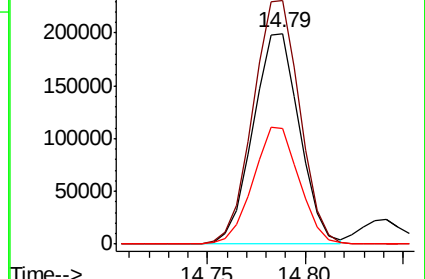
152 54.6 44.7 67.1



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





#53

3-Nitroaniline

Concen: 11.671 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

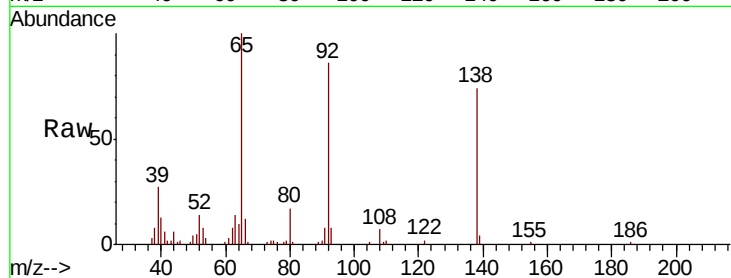
Tgt Ion:138 Resp: 27769

Ion Ratio Lower Upper

138 100

108 9.6 11.0 16.6#

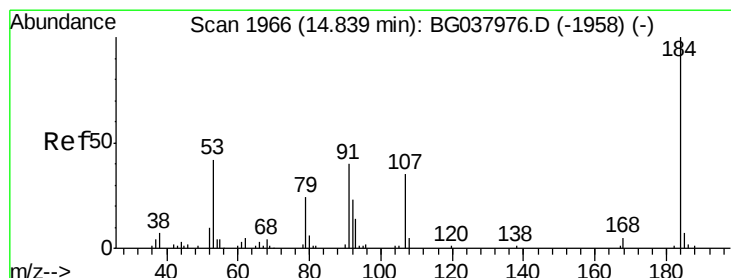
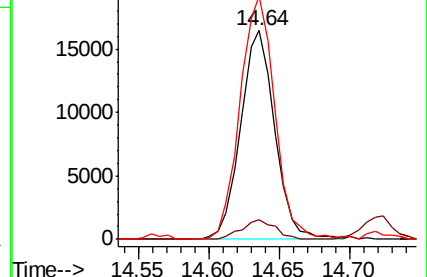
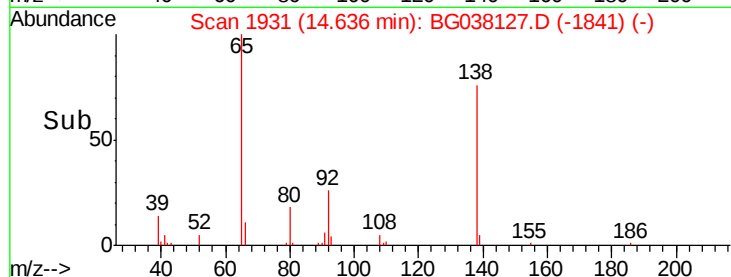
92 116.6 95.2 142.8



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



#54

2,4-Dinitrophenol

Concen: 62.249 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

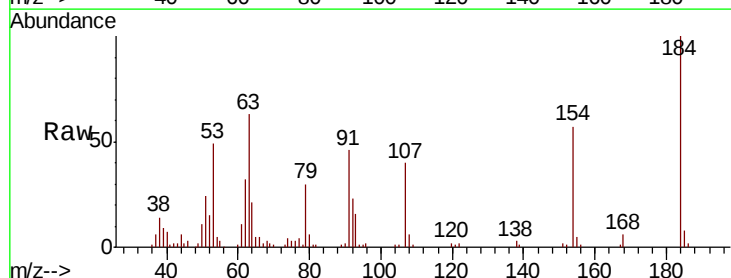
Tgt Ion:184 Resp: 69732

Ion Ratio Lower Upper

184 100

63 63.5 42.6 63.8

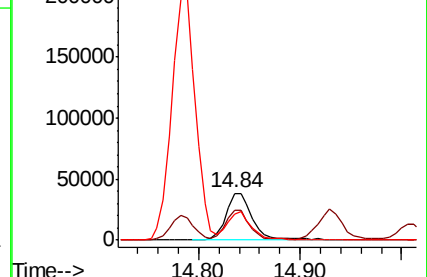
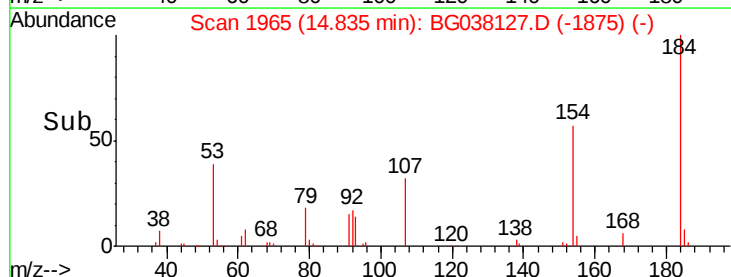
154 57.3 41.8 62.6

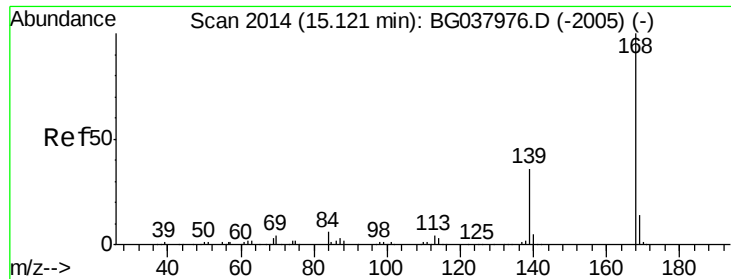


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

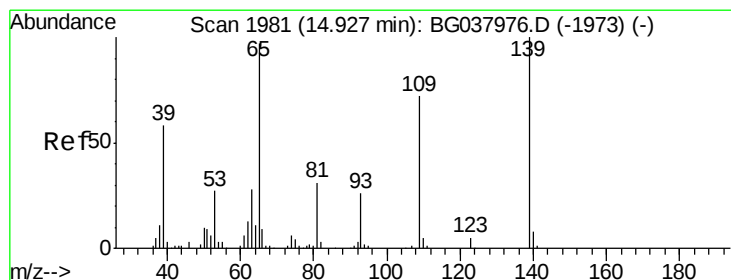
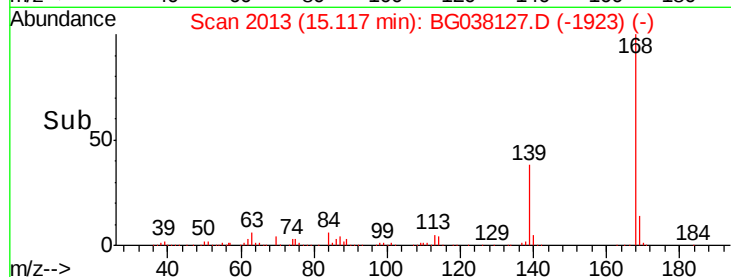
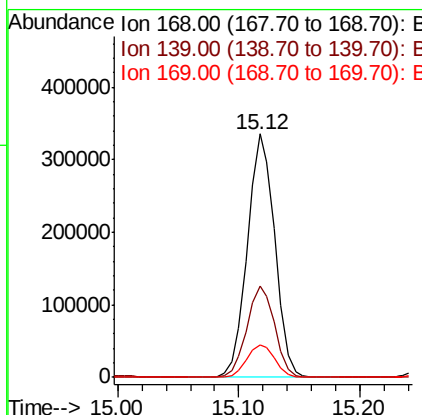
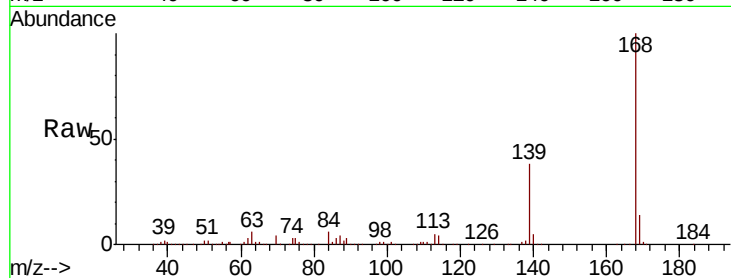




#55
Dibenzofuran
Concen: 45.894 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

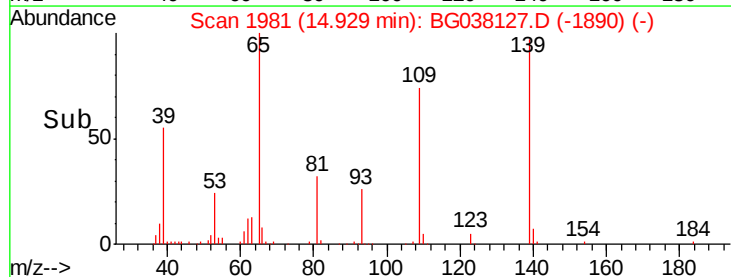
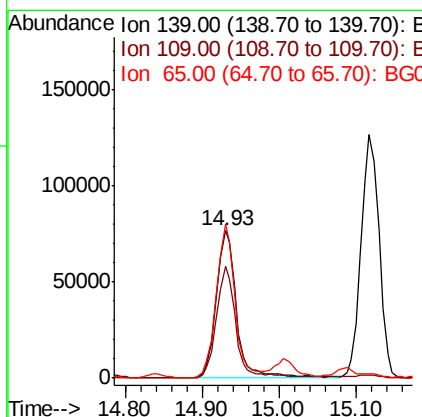
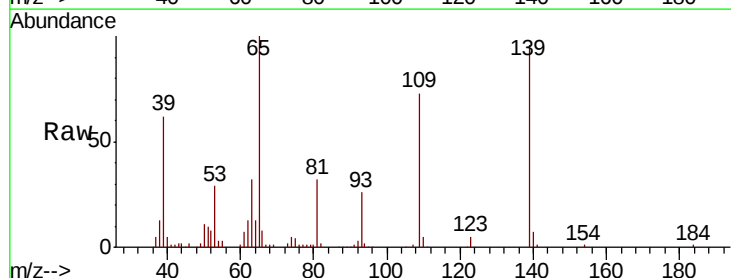
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

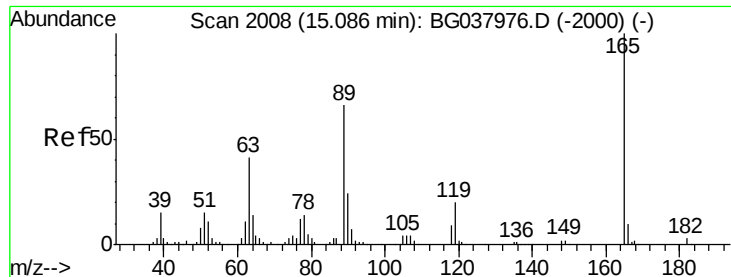
Tgt Ion:168 Resp: 529297
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 76.482 ng
RT: 14.93 min Scan# 181
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:139 Resp: 140354
Ion Ratio Lower Upper
139 100
109 76.1 49.5 89.5
65 104.4 76.8 116.8

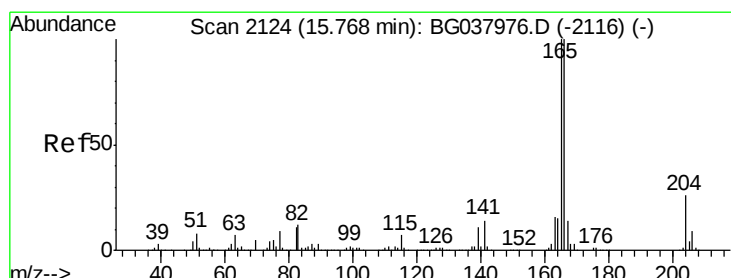
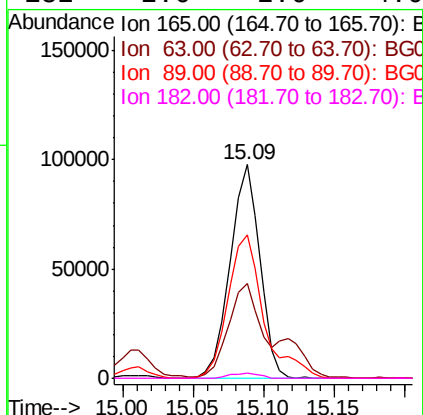
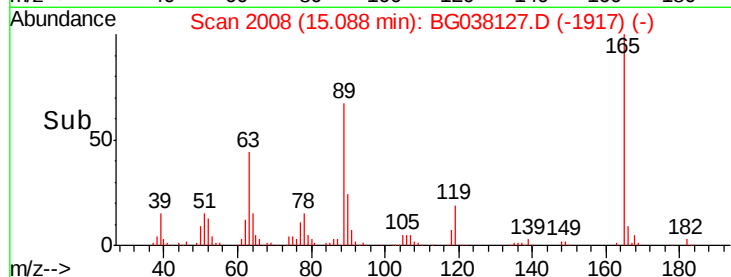
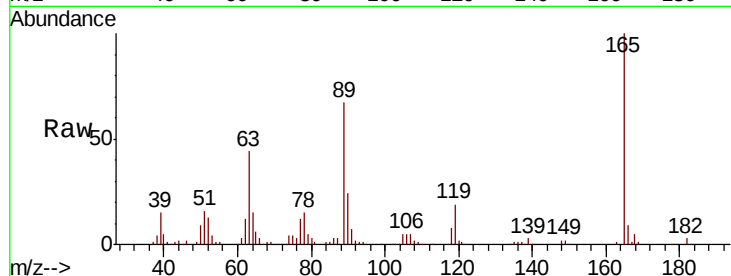




#57
2,4-Dinitrotoluene
Concen: 48.814 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

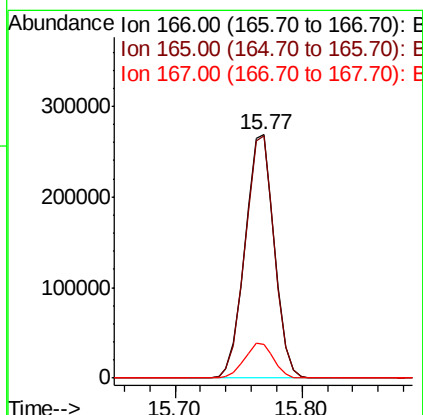
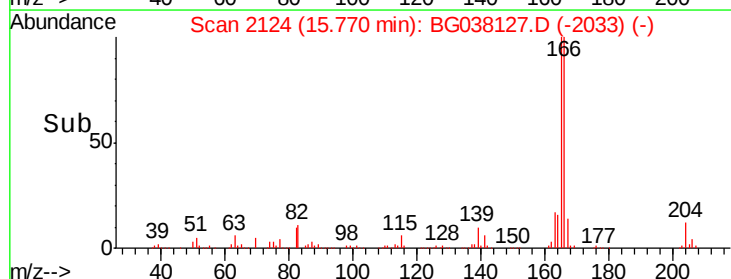
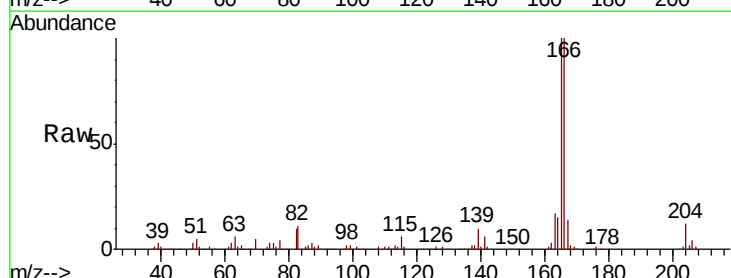
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

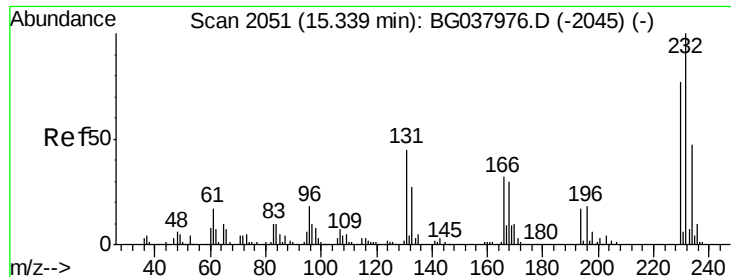
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.4	50.0
89	67.4	57.2	85.8
182	2.6	2.6	4.0



#58
Fluorene
Concen: 49.895 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.6
167	14.1	11.3	16.9

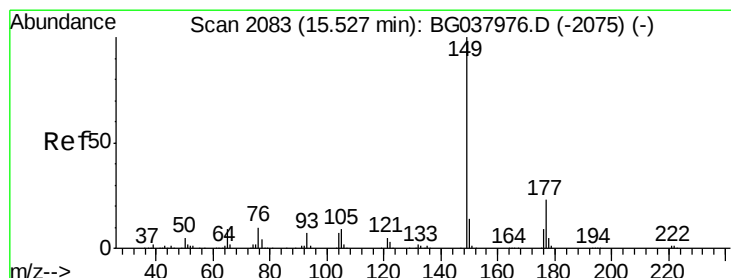
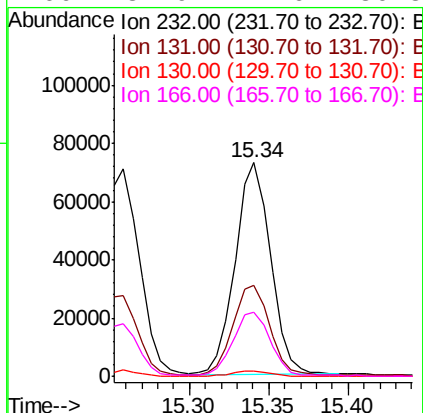
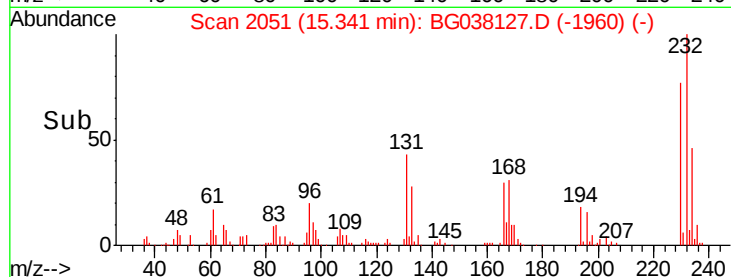
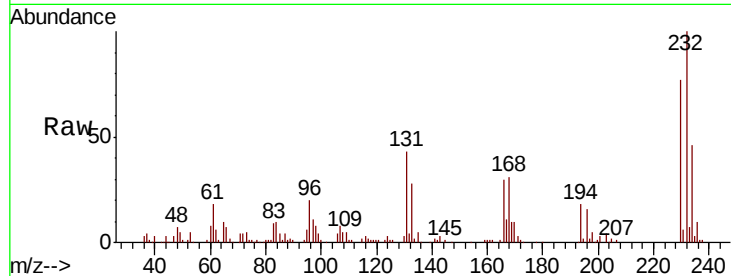




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.948 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

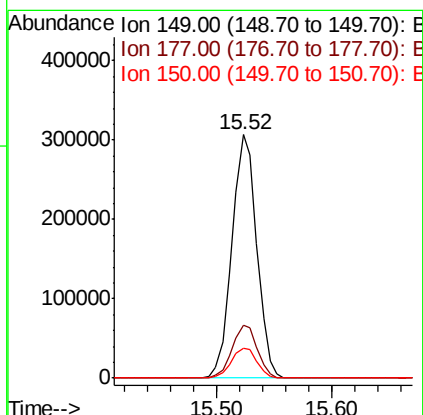
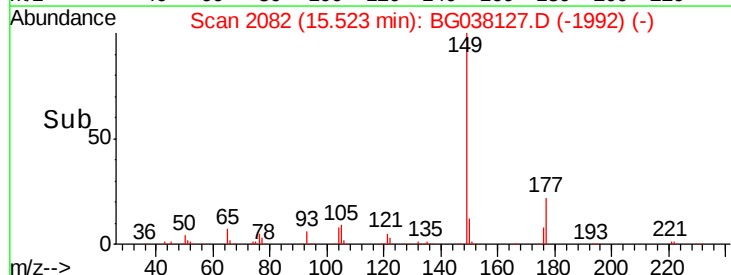
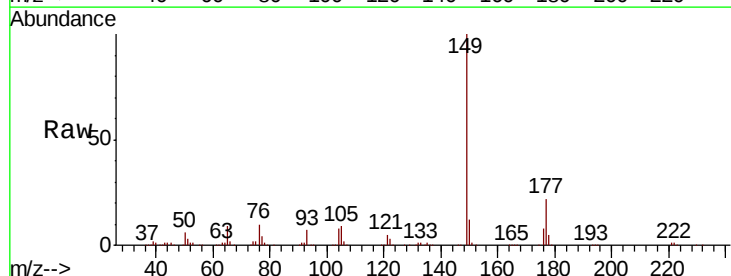
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

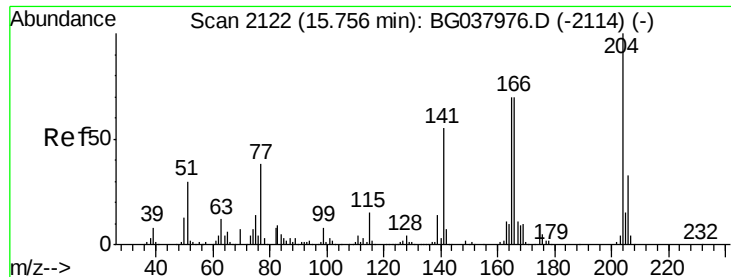
Tgt Ion: 232 Resp: 113112
 Ion Ratio Lower Upper
 232 100
 131 45.4 33.7 50.5
 130 2.6 2.1 3.1
 166 32.9 24.6 36.8



#60
 Diethylphthalate
 Concen: 44.878 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion: 149 Resp: 454141
 Ion Ratio Lower Upper
 149 100
 177 21.7 18.3 27.5
 150 12.2 10.0 15.0

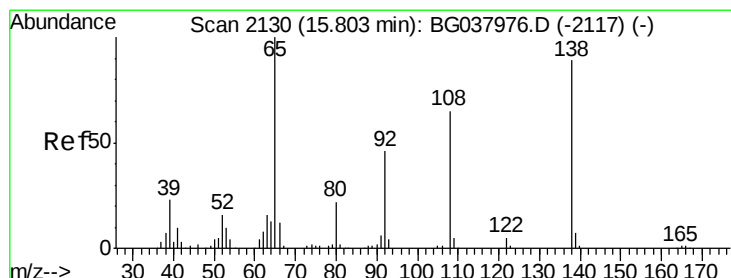
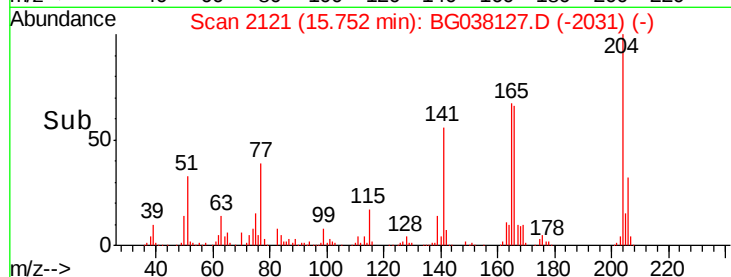
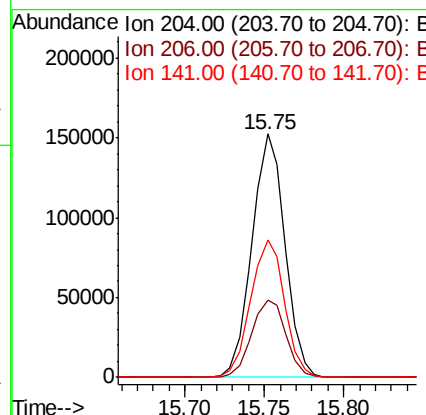
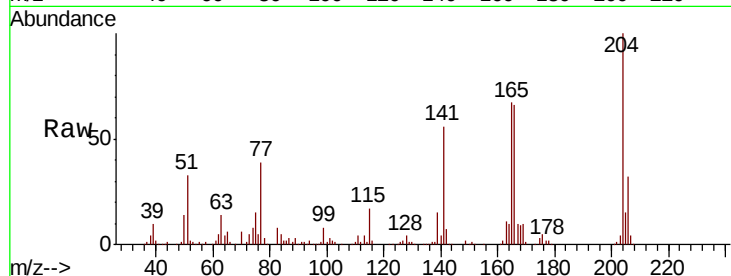




#61
 4-Chlorophenyl-phenylether
 Concen: 43.711 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

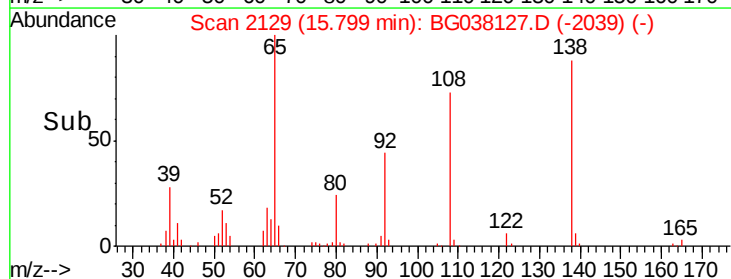
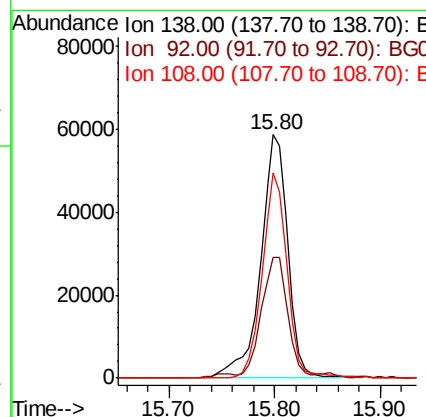
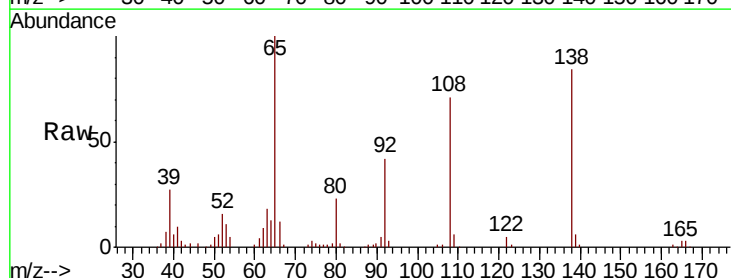
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

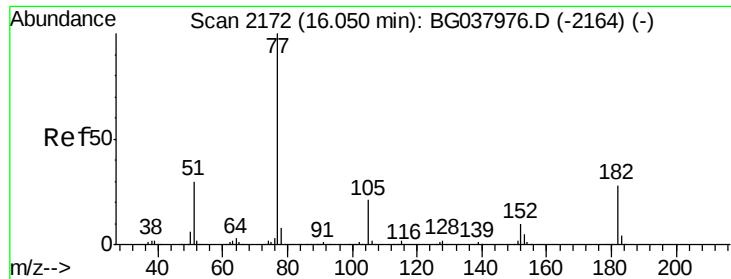
Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.6	39.8
141	56.4	45.4	68.2



#62
 4-Nitroaniline
 Concen: 44.538 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	36.4	76.4
108	84.2	60.1	100.1





#63

Azobenzene

Concen: 47.152 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

Tgt Ion: 77 Resp: 426632

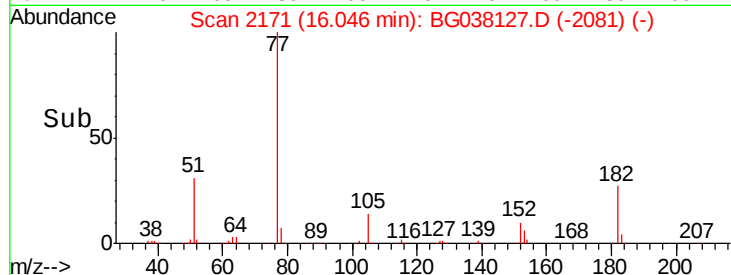
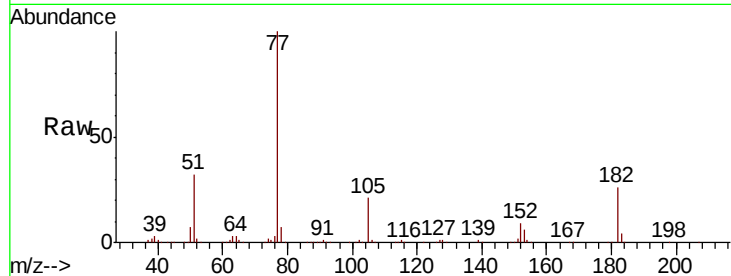
Ion Ratio Lower Upper

77 100

182 26.3 8.0 48.0

105 20.9 1.3 41.3

51 32.2 10.7 50.7

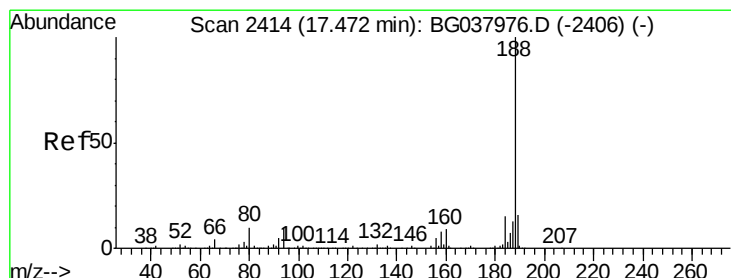
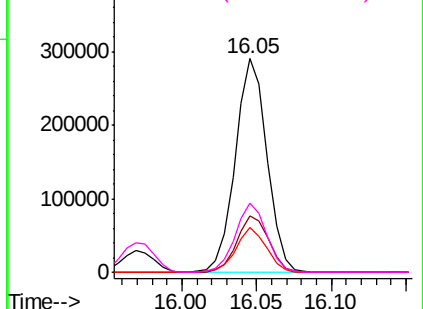


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

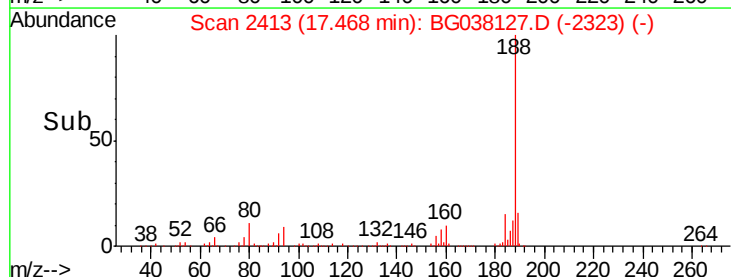
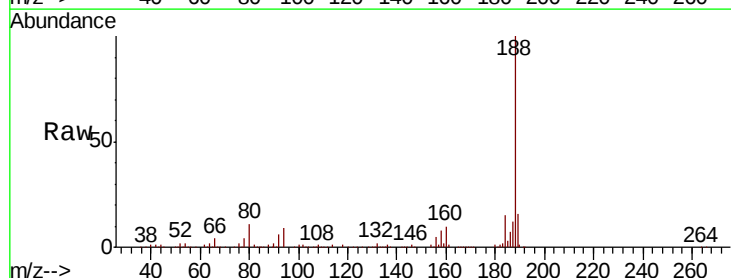
Tgt Ion: 188 Resp: 272982

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

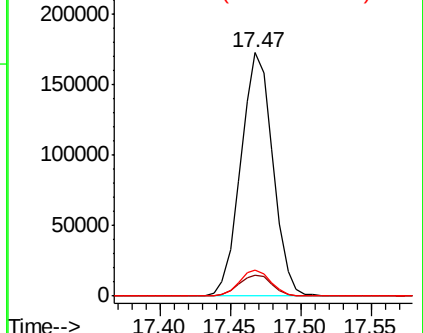
80 10.6 7.7 11.5

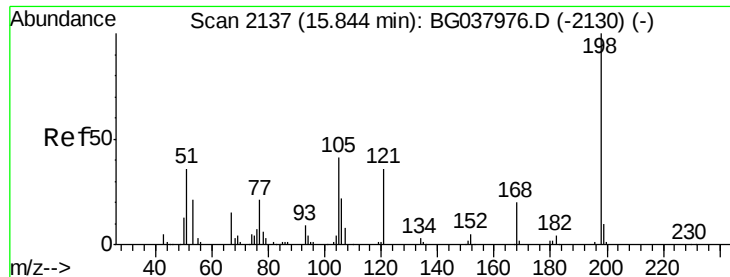


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

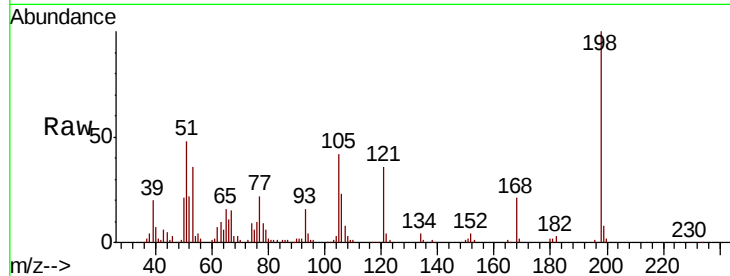




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.602 ng
 RT: 15.85 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	47.8	22.7	62.7
105	42.3	19.7	59.7

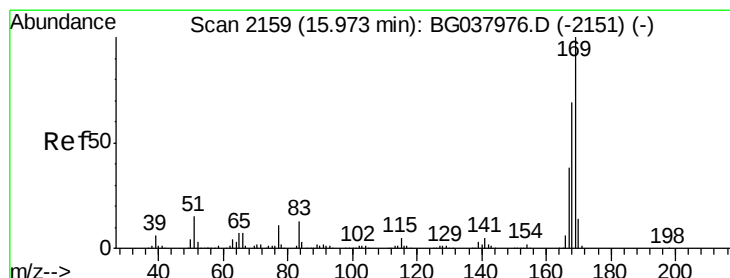
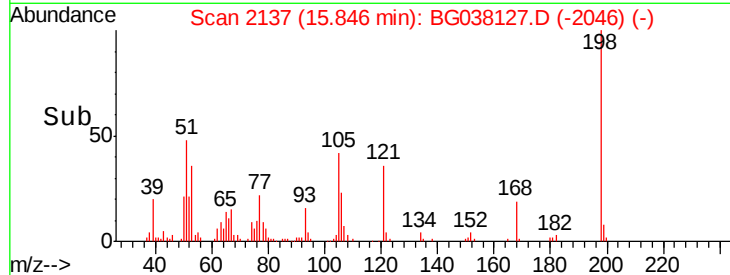
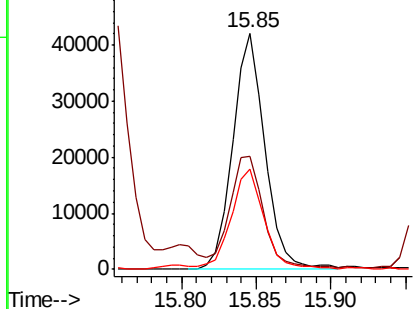


Abundance

Ion 198.00 (197.70 to 198.70): E

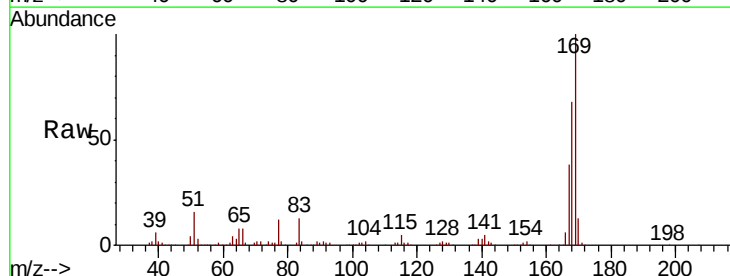
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 46.097 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	55.7	83.5
167	37.9	31.3	46.9

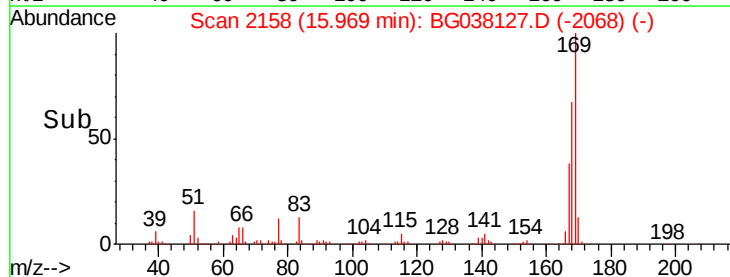
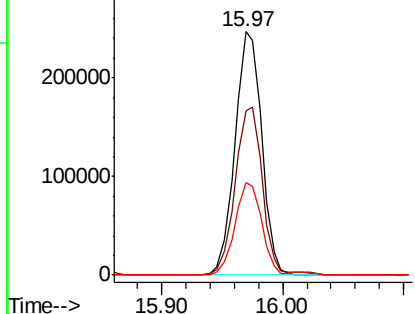


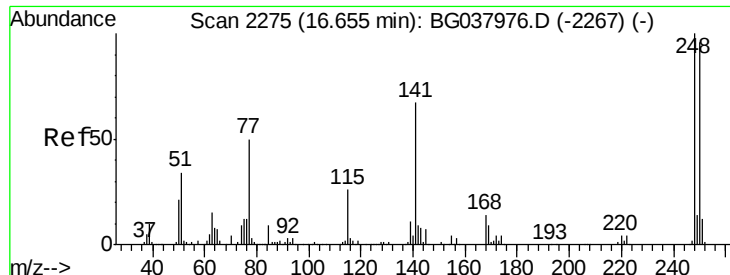
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

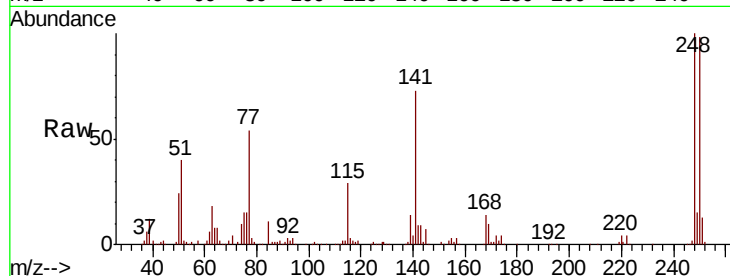




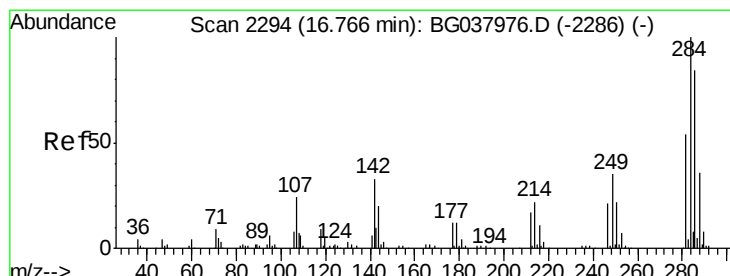
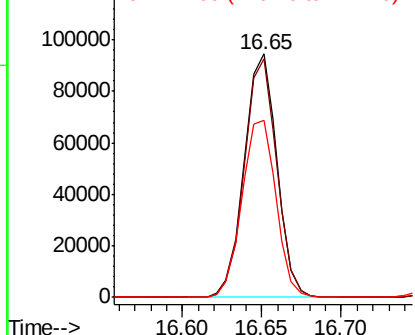
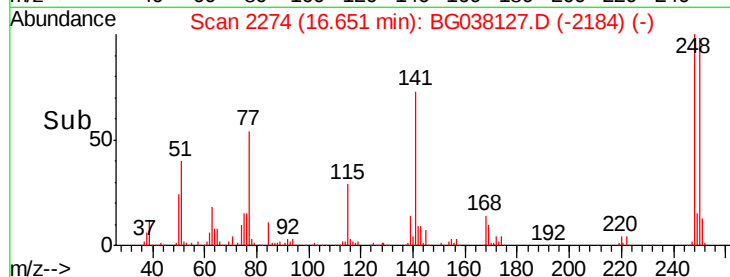
#67
 4-Bromophenyl-phenylether
 Concen: 45.135 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

Tgt Ion:248 Resp: 135235
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.0 115.6
 141 72.9 55.5 83.3

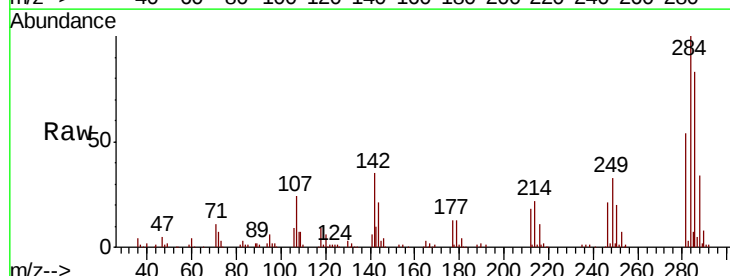


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

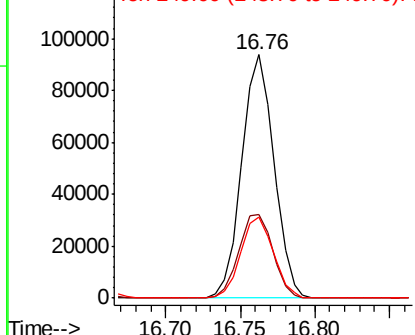
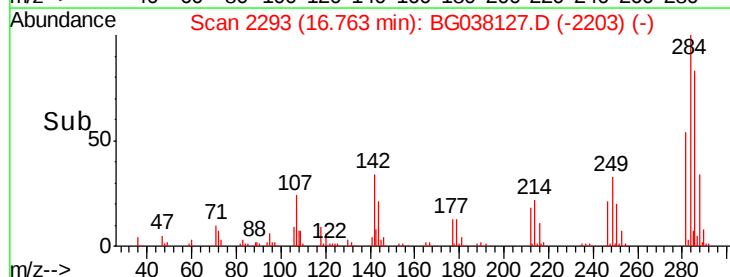


#68
 Hexachlorobenzene
 Concen: 45.416 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion:284 Resp: 140458
 Ion Ratio Lower Upper
 284 100
 142 34.6 28.1 42.1
 249 35.8 29.8 44.8



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

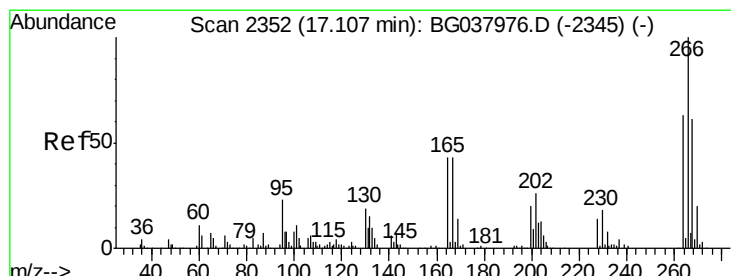
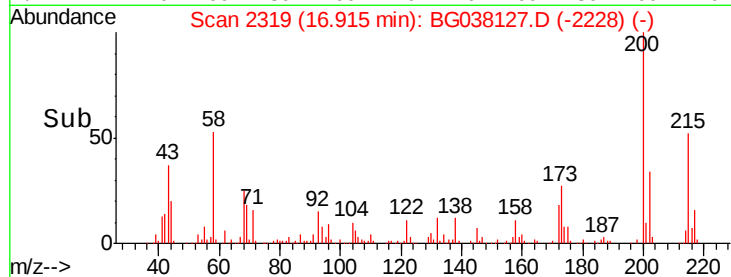
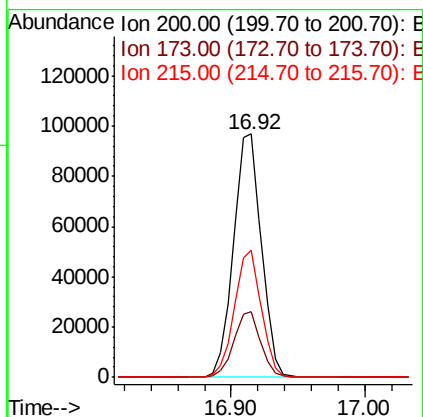
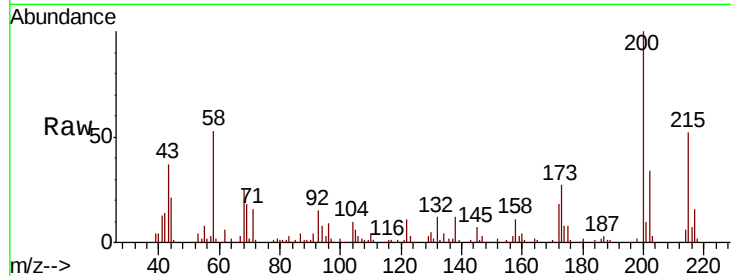




#69
 Atrazine
 Concen: 46.192 ng
 RT: 16.92 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

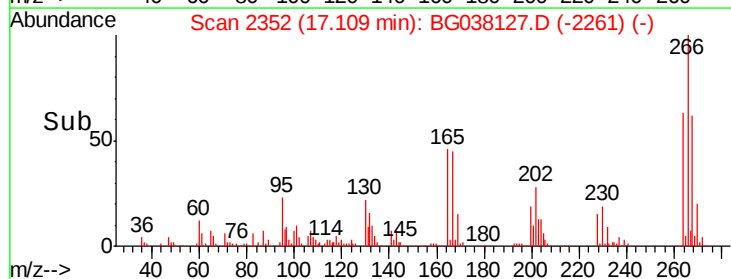
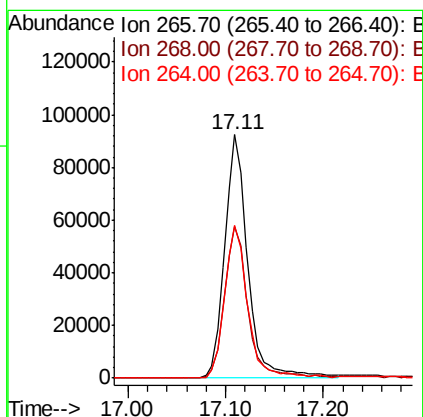
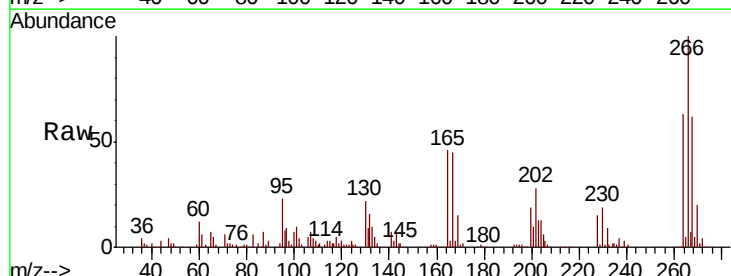
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

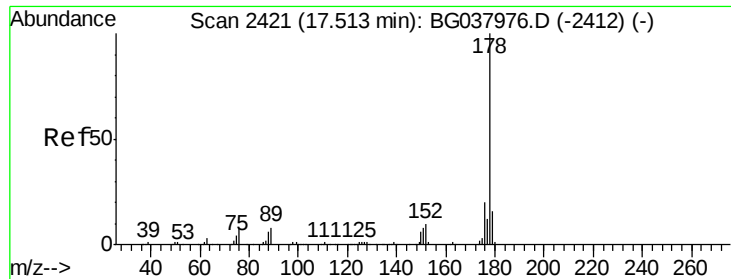
Tgt Ion:200 Resp: 140626
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.1 46.1
 215 52.0 30.8 70.8



#70
 Pentachlorophenol
 Concen: 72.343 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion:266 Resp: 151953
 Ion Ratio Lower Upper
 266 100
 268 67.3 55.0 82.6
 264 68.3 58.9 88.3

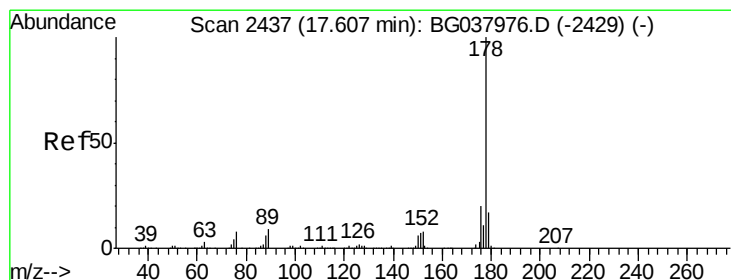
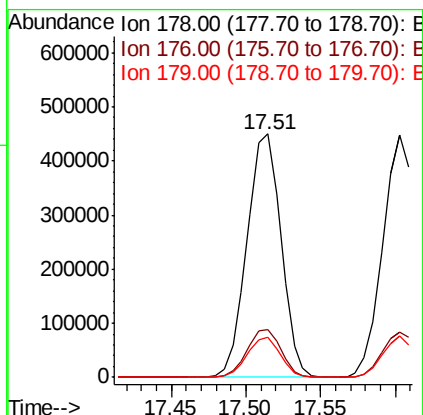
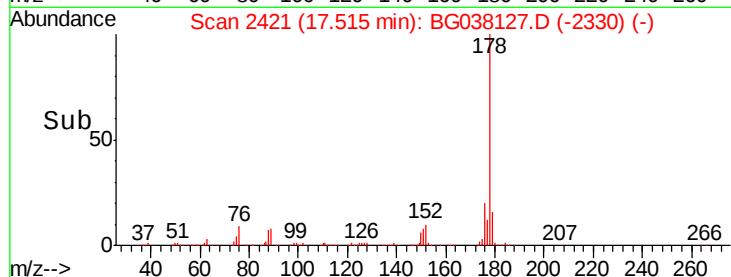
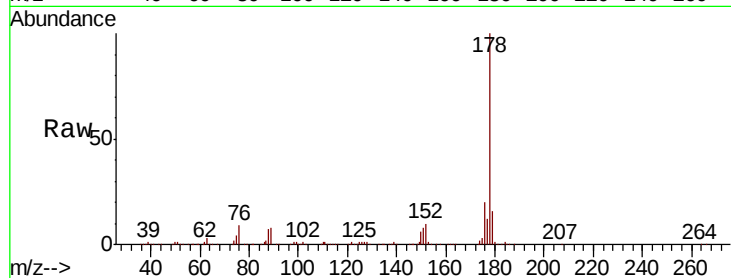




#71
Phenanthrene
Concen: 50.835 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

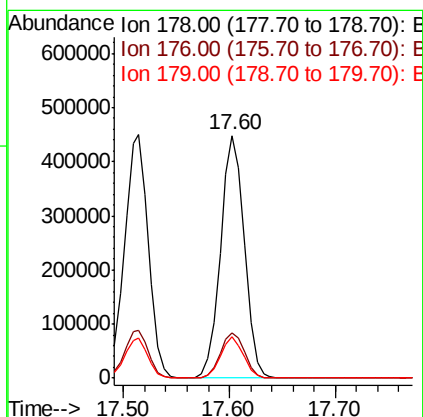
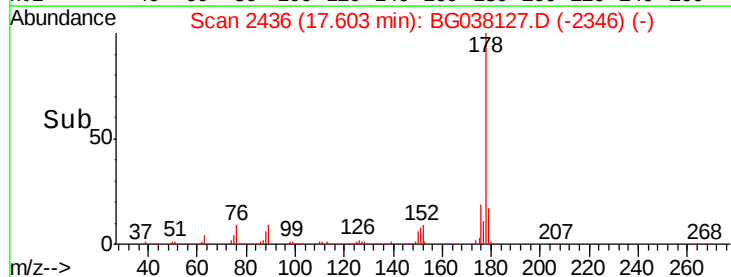
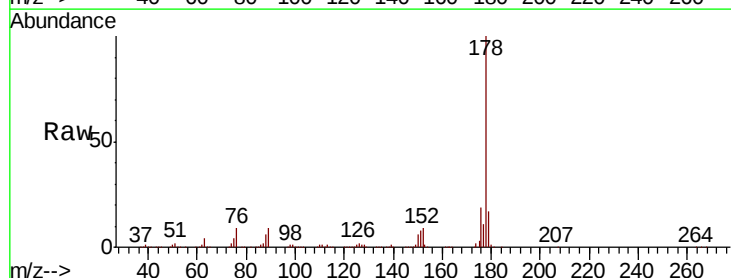
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

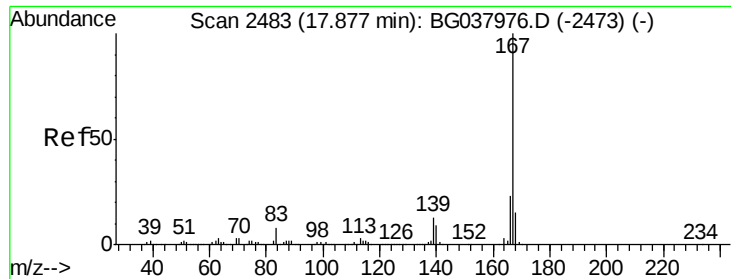
Tgt Ion:178 Resp: 710488
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.4 13.0 19.4



#72
Anthracene
Concen: 50.862 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:178 Resp: 700725
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 16.8 12.8 19.2

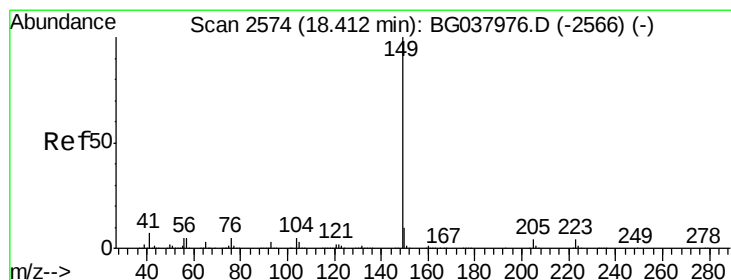
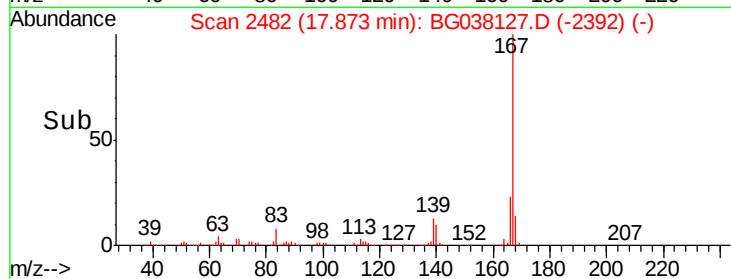
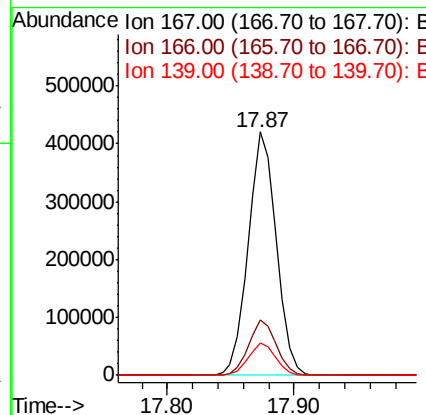
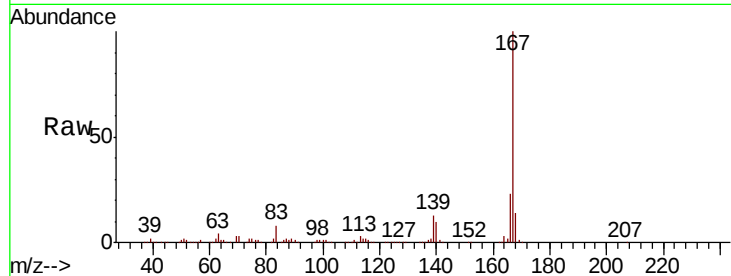




#73
 Carbazole
 Concen: 46.805 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

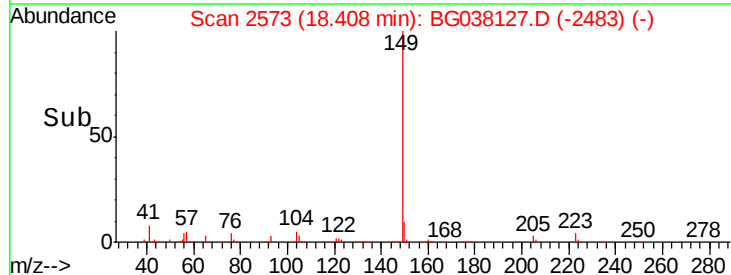
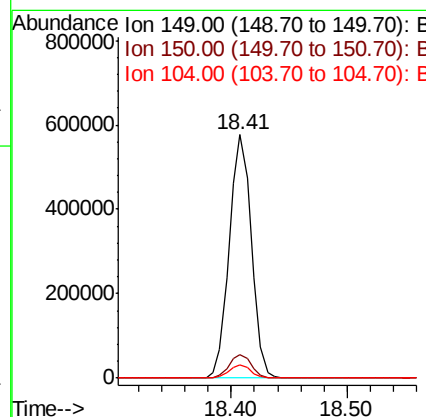
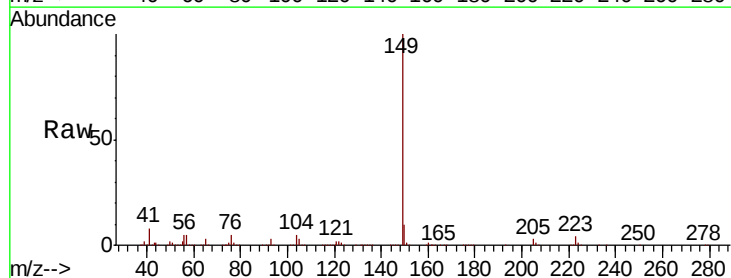
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

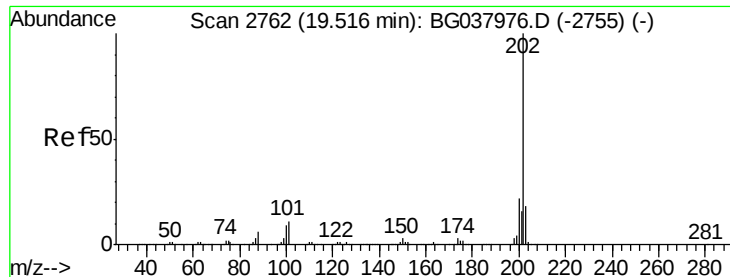
Tgt Ion:167 Resp: 646952
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.3 27.5
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 49.229 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion:149 Resp: 763849
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 50.781 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

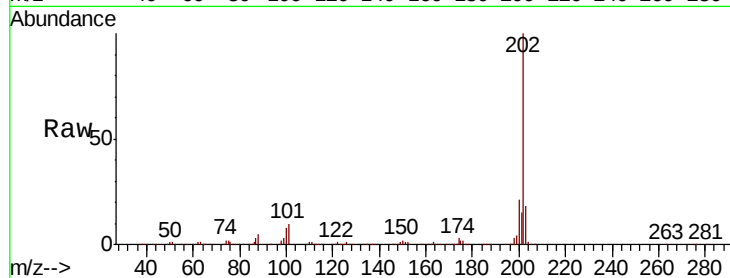
Tgt Ion:202 Resp: 809753

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.7

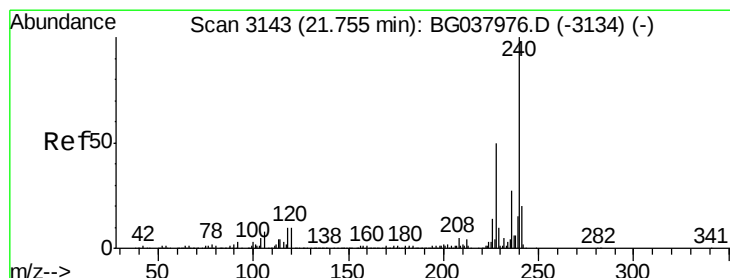
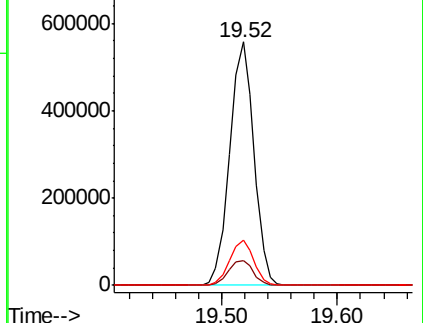
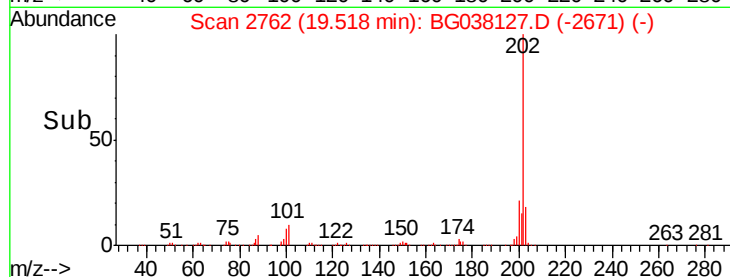
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

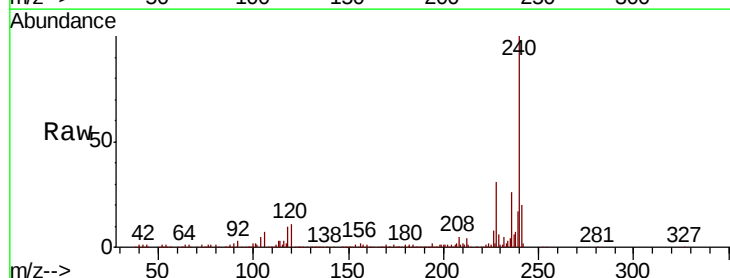
Tgt Ion:240 Resp: 251156

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

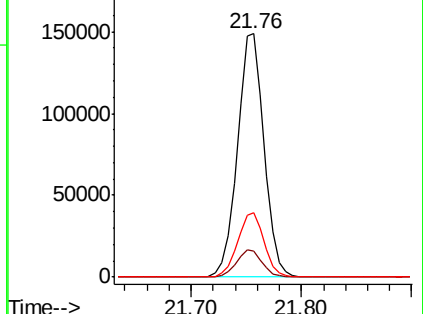
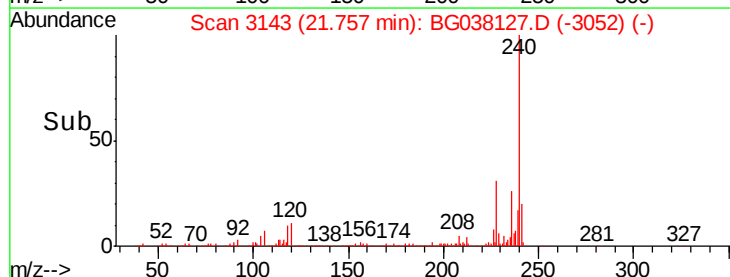
236 26.2 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.854 ng

RT: 19.71 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

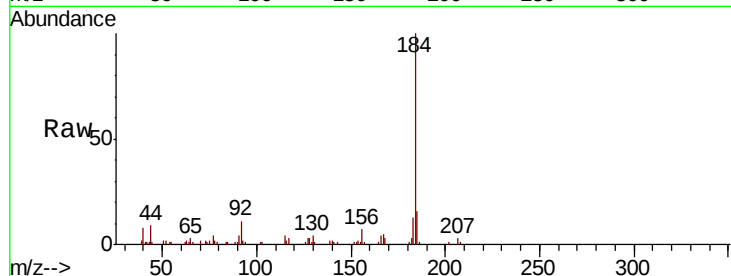
Tgt Ion:184 Resp: 69219

Ion Ratio Lower Upper

184 100

185 16.2 12.6 18.8

183 13.1 10.2 15.2

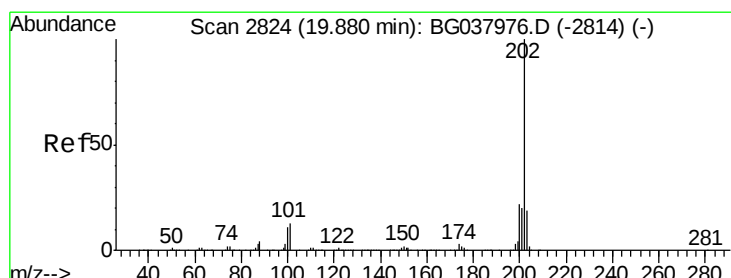
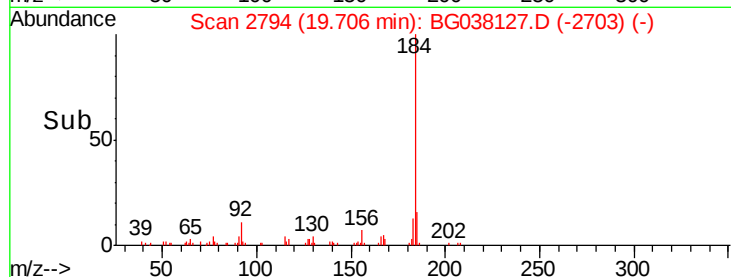
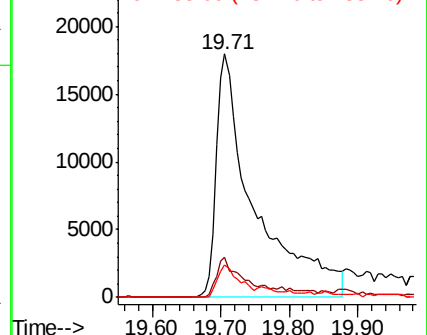


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.695 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

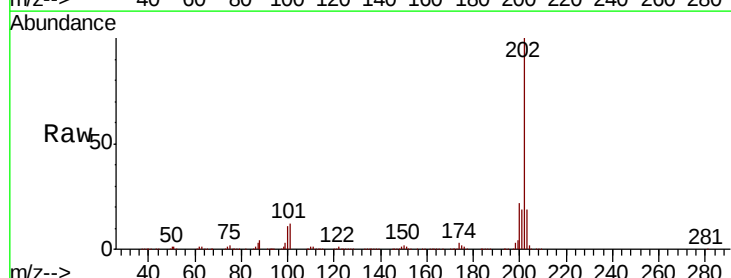
Tgt Ion:202 Resp: 816023

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

203 18.6 15.2 22.8

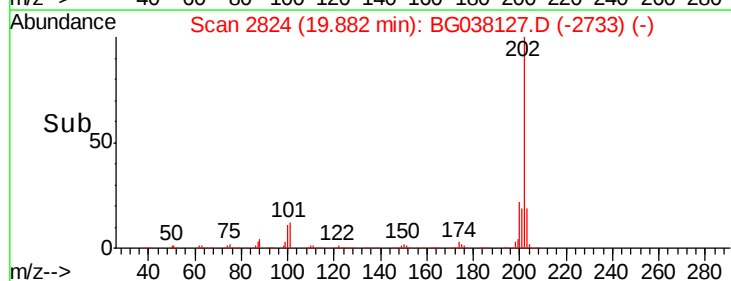
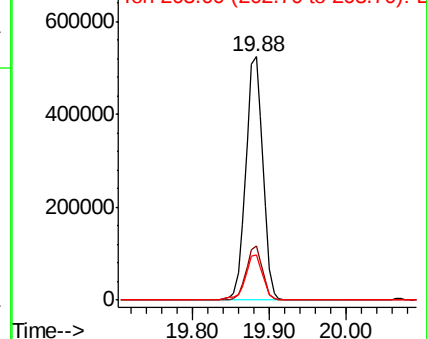


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.771 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

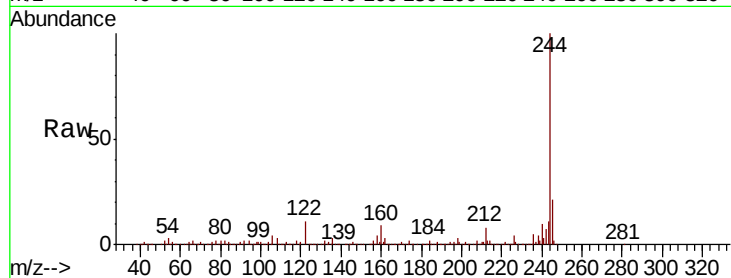
Tgt Ion:244 Resp: 926174

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

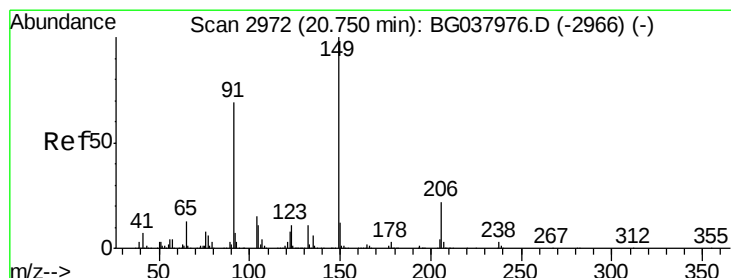
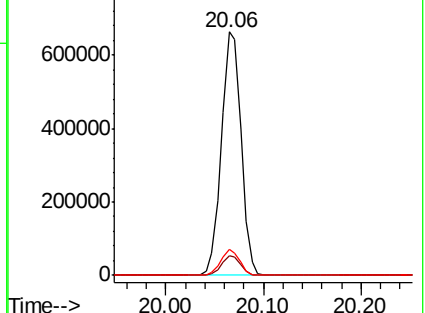
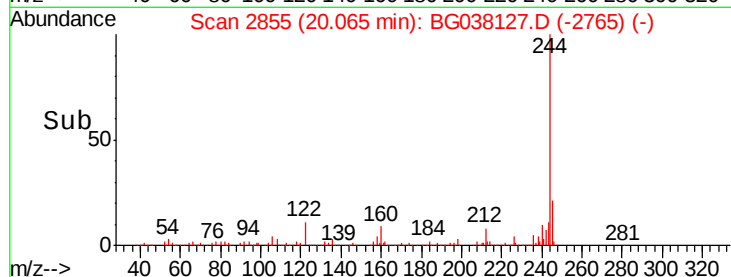
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.184 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

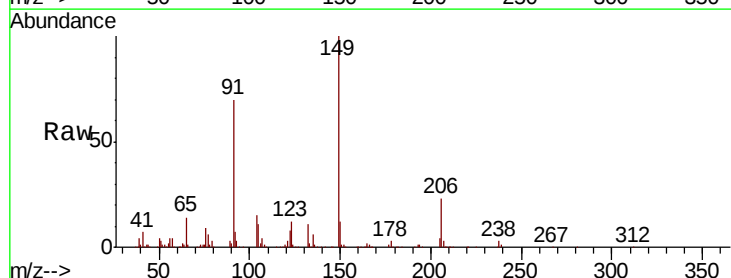
Tgt Ion:149 Resp: 353195

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

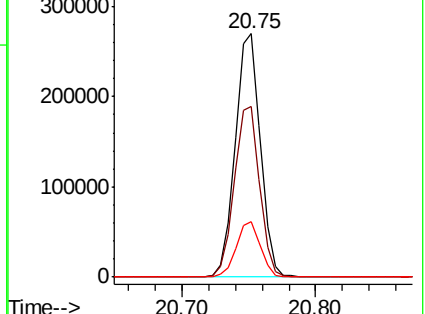
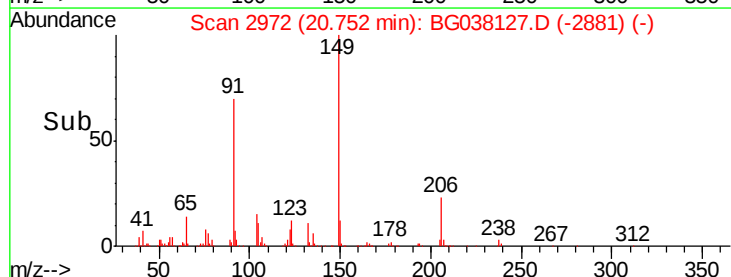
206 23.0 17.8 26.6

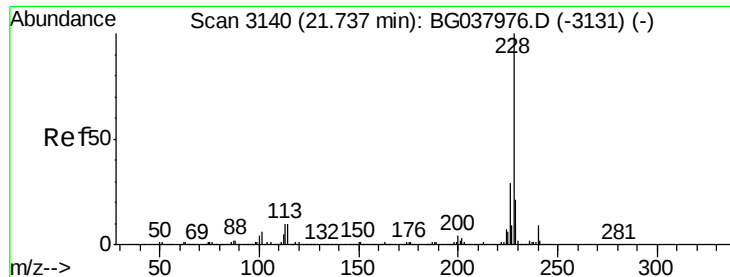


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

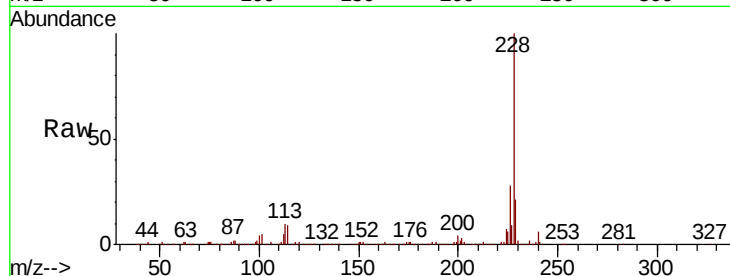




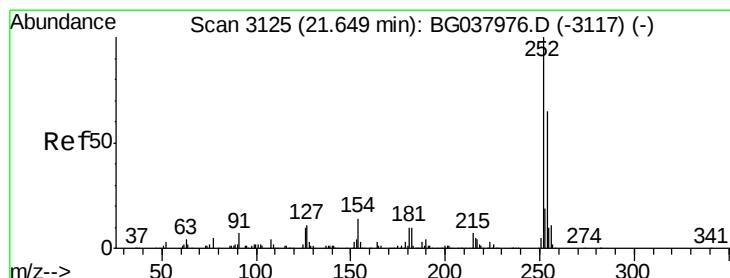
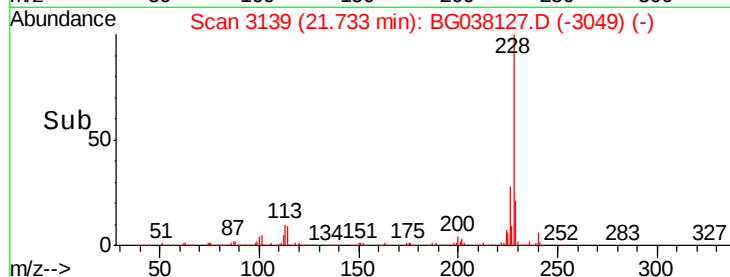
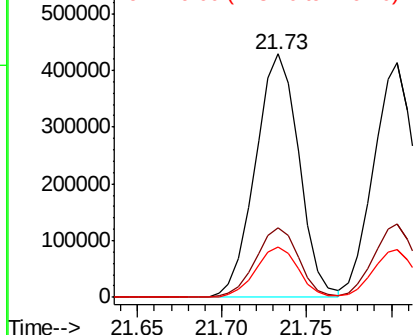
#81
Benzo(a)anthracene
Concen: 50.823 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

Tgt Ion:228 Resp: 771363
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.6 16.3 24.5

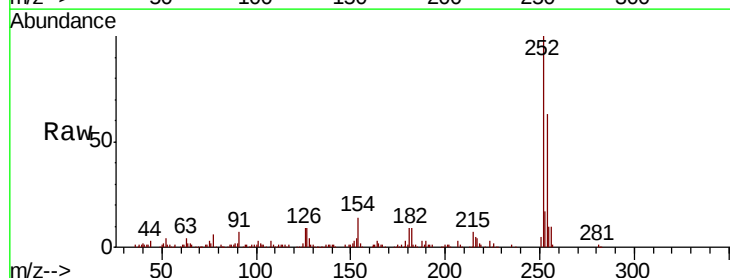


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

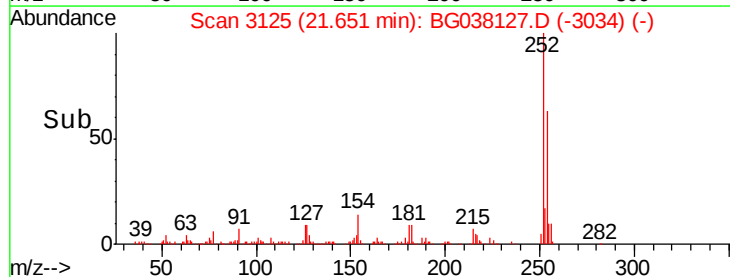
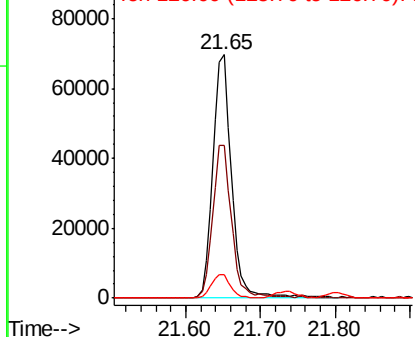


#82
3,3'-Dichlorobenzidine
Concen: 20.560 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:252 Resp: 121557
Ion Ratio Lower Upper
252 100
254 62.7 52.0 78.0
126 9.4 8.2 12.4



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

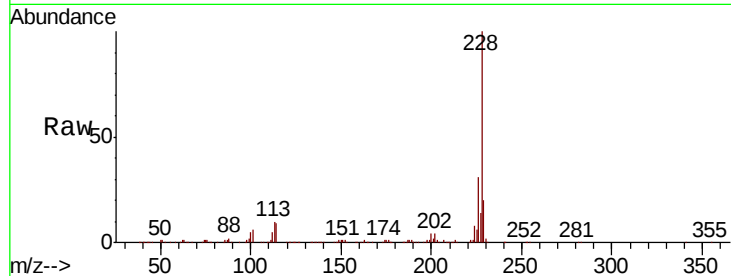




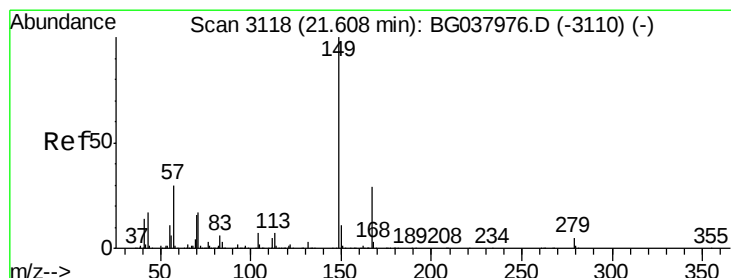
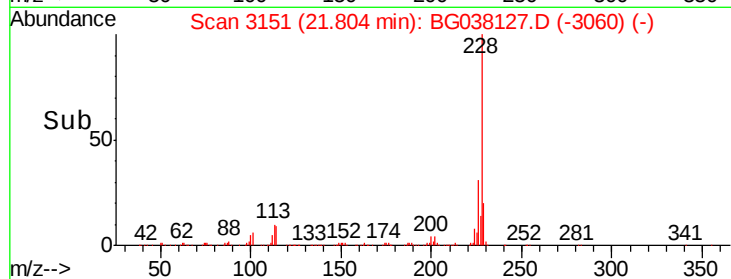
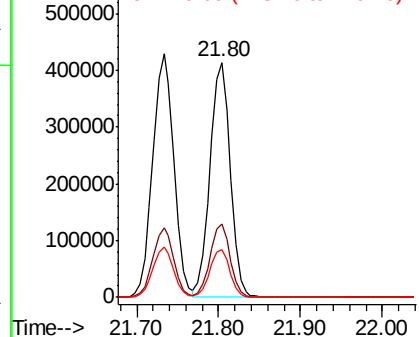
#83
Chrysene
 Concen: 49.242 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MSD

Tgt Ion: 228 Resp: 715080
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.7 38.5
 229 20.4 16.5 24.7

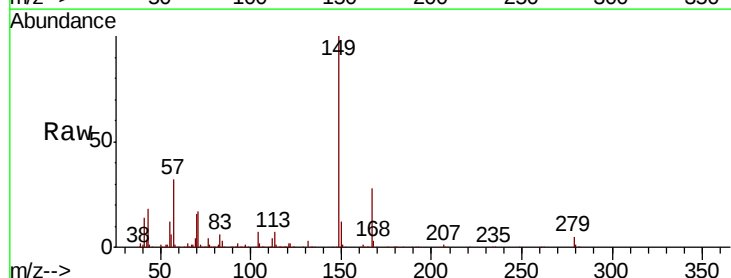


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

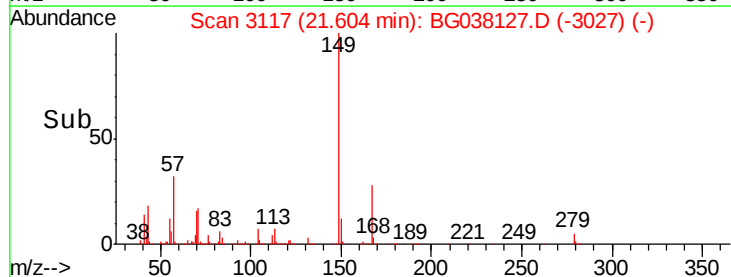
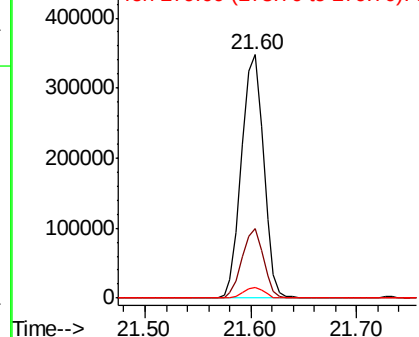


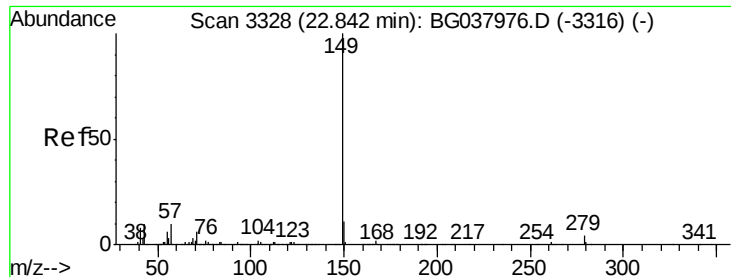
#84
Bis(2-ethylhexyl)phthalate
 Concen: 49.119 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG038127.D
 Acq: 21 Nov 2018 21:34

Tgt Ion: 149 Resp: 503020
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.0 34.4
 279 4.6 3.6 5.4



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





#85

Di-n-octyl phthalate

Concen: 51.545 ng

RT: 22.84 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

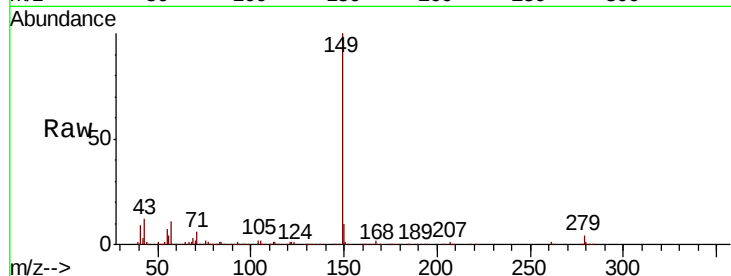
Tgt Ion:149 Resp: 853978

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

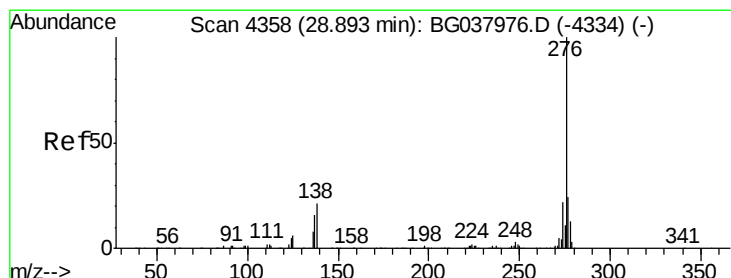
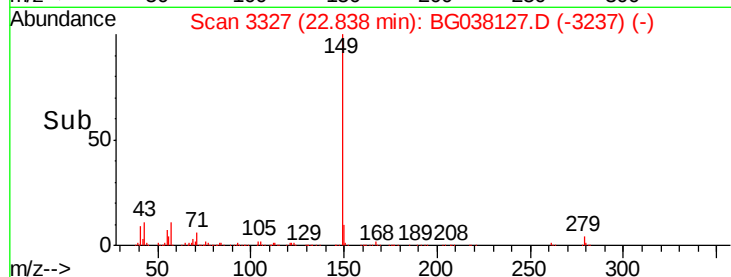
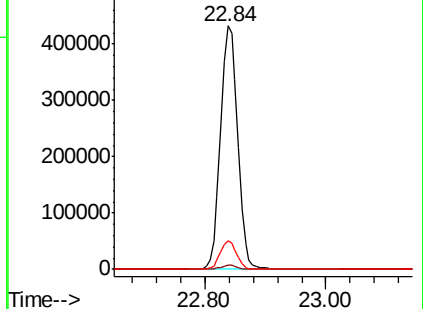
43 11.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.844 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

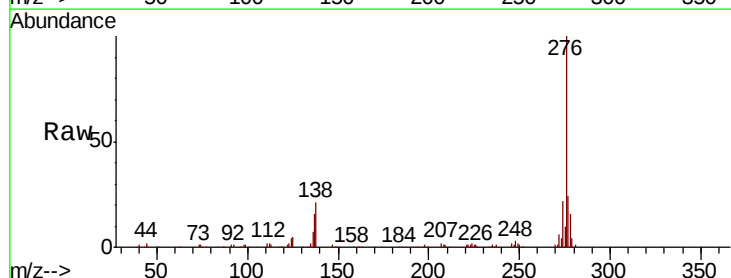
Tgt Ion:276 Resp: 739384

Ion Ratio Lower Upper

276 100

138 14.8 12.0 18.0

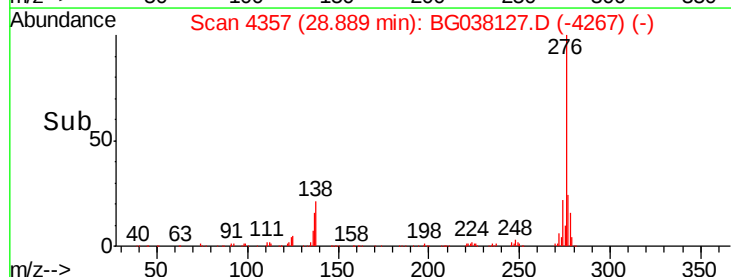
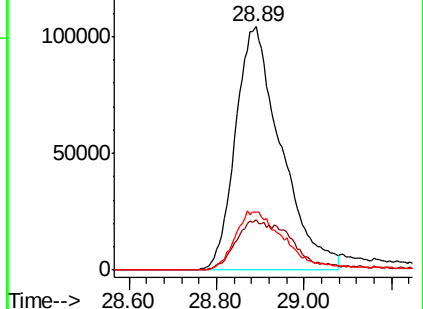
277 26.3 20.6 30.8

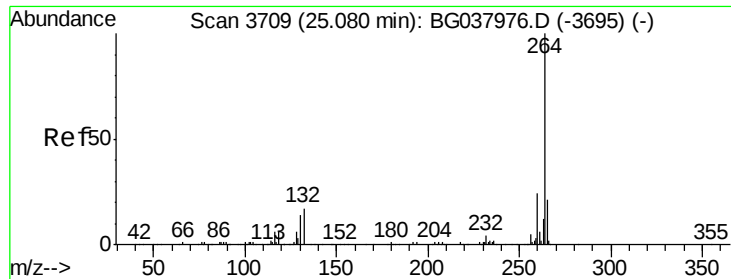


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

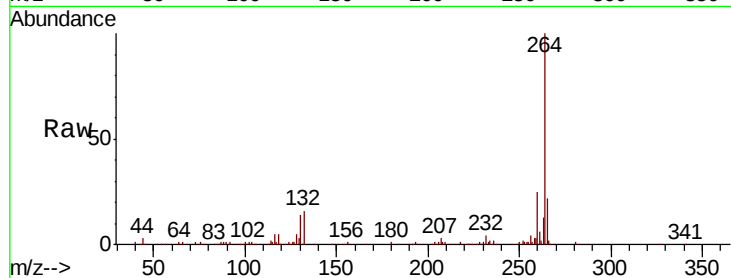




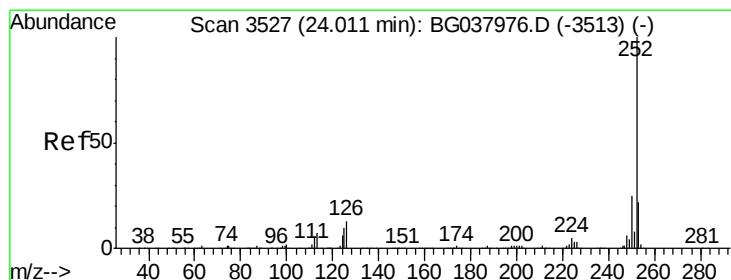
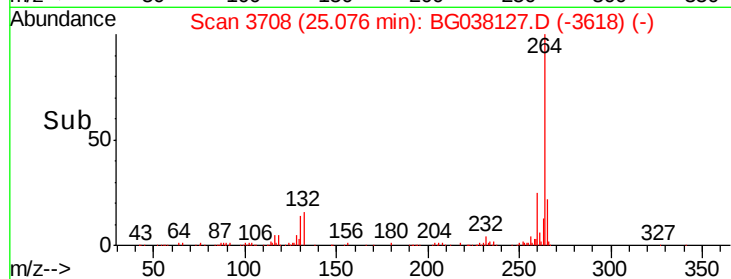
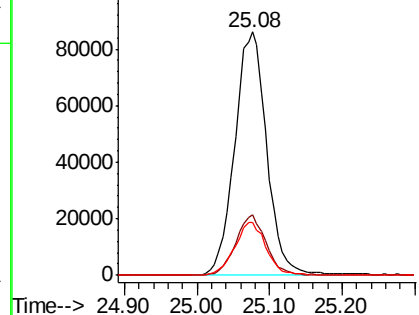
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

Tgt Ion:264 Resp: 263180
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.4
265 21.8 17.9 26.9

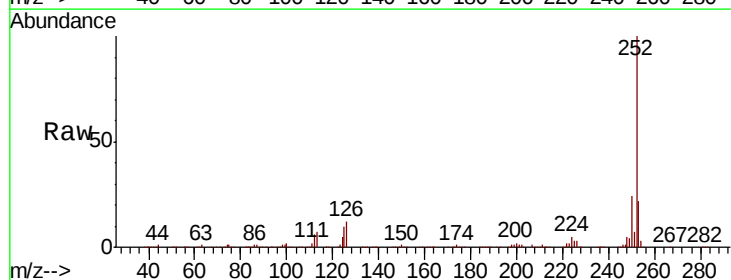


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

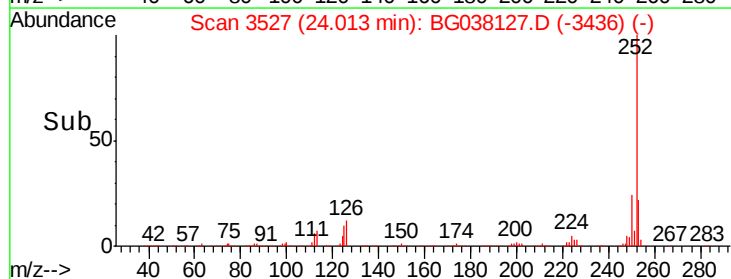
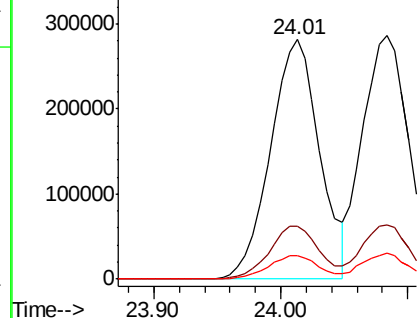


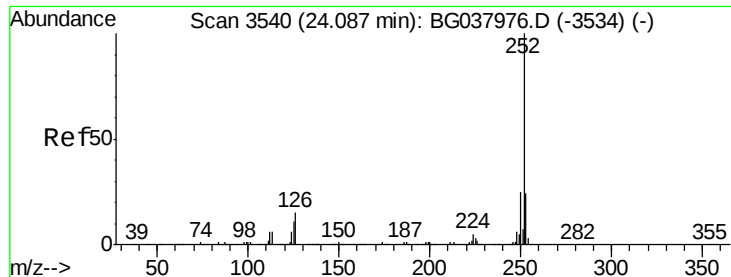
#88
Benzo(b)fluoranthene
Concen: 52.496 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038127.D
Acq: 21 Nov 2018 21:34

Tgt Ion:252 Resp: 760302
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.6 7.8 11.6



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





#89

Benzo(k)fluoranthene

Concen: 51.131 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

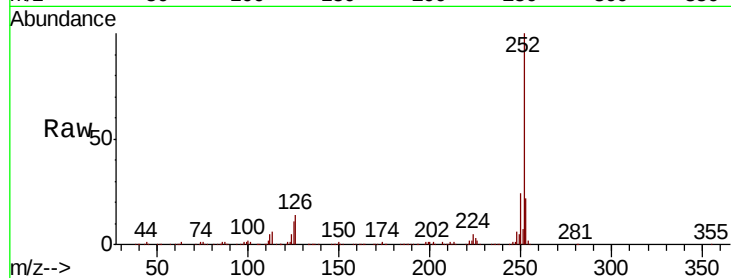
Tgt Ion:252 Resp: 730718

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.5 7.4 11.0

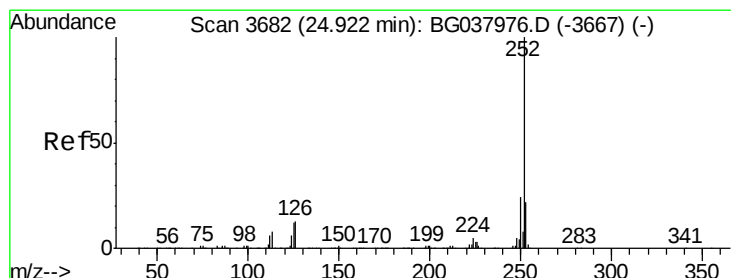
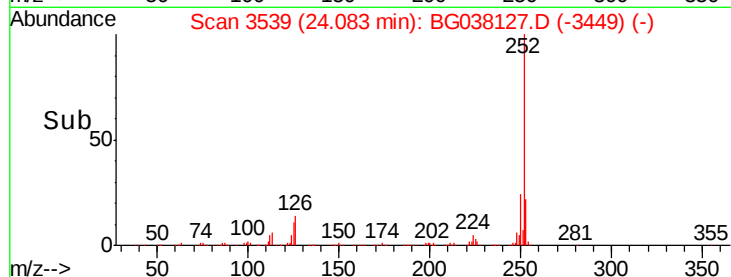
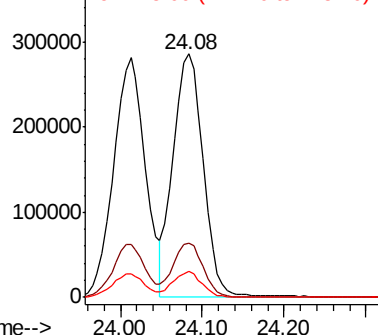


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.876 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

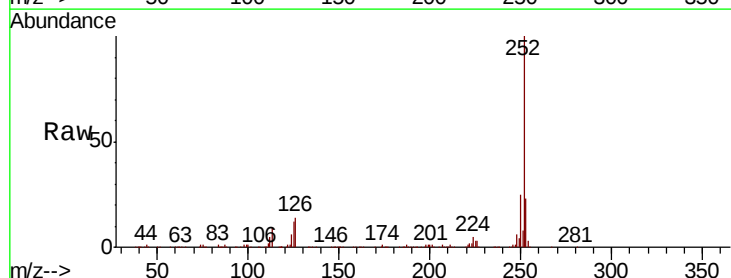
Tgt Ion:252 Resp: 731864

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 11.6 9.0 13.6

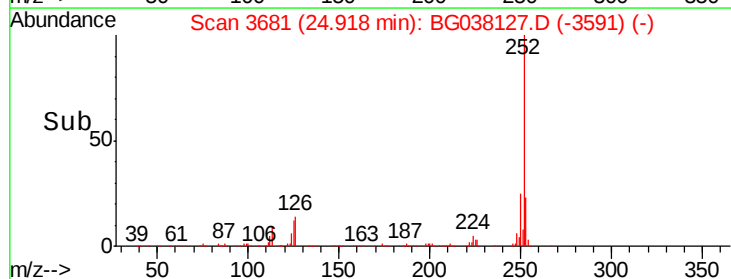
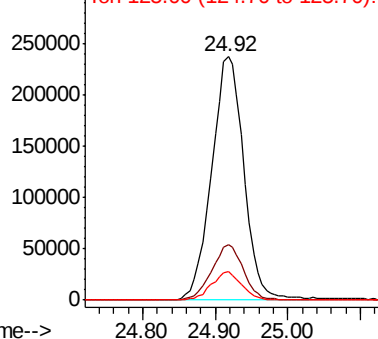


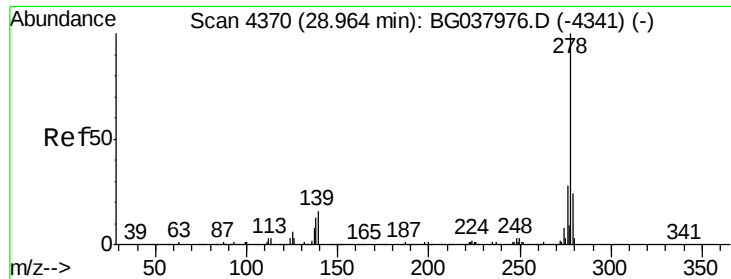
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.699 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MSD

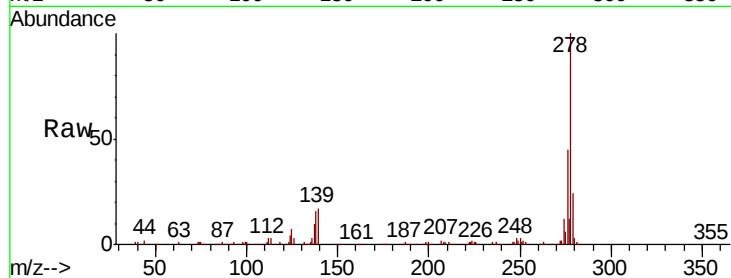
Tgt Ion:278 Resp: 608592

Ion Ratio Lower Upper

278 100

139 16.9 11.5 17.3

279 23.8 18.6 27.8

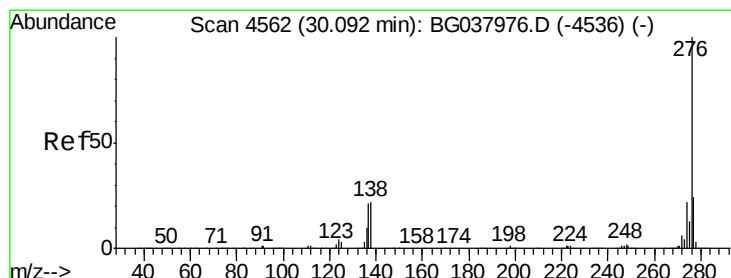
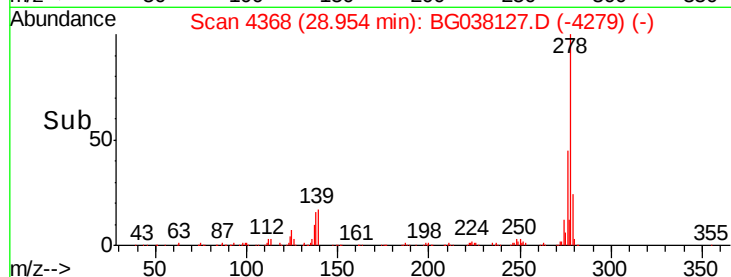
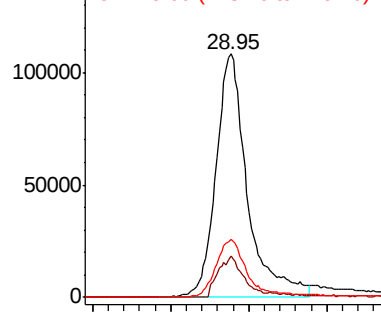


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.132 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038127.D

Acq: 21 Nov 2018 21:34

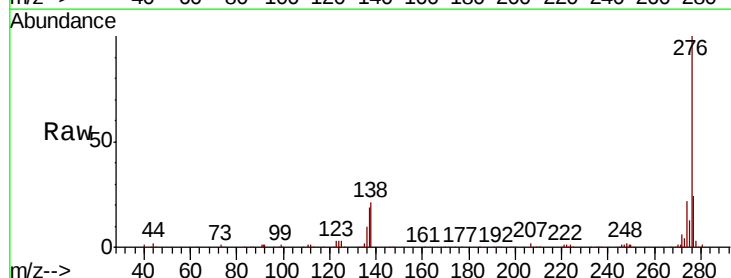
Tgt Ion:276 Resp: 624112

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 21.4 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

