

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038116.D
 Acq On : 21 Nov 2018 13:07
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:01:19 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	54211	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	242238	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	145996	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	322140	20.00	ng	0.00
76) Chrysene-d12	21.76	240	295512	20.00	ng	0.00
87) Perylene-d12	25.08	264	320654	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	261347	83.24	ng	0.00
7) Phenol-d6	7.23	99	377675	84.27	ng	0.00
23) Nitrobenzene-d5	9.27	82	383070	84.65	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	129453	77.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	806968	80.52	ng	0.00
79) Terphenyl-d14	20.07	244	1021854	81.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	57405	38.707	ng	98
3) Pyridine	3.92	79	166750	39.416	ng	97
4) n-Nitrosodimethylamine	3.85	42	68904	44.894	ng	99
6) Aniline	7.41	93	238720	41.269	ng	98
8) 2-Chlorophenol	7.65	128	156618	42.989	ng	98
9) Benzaldehyde	7.23	77	125355	38.675	ng	94
10) Phenol	7.26	94	202870	42.734	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	164133	42.350	ng	98
12) 1,3-Dichlorobenzene	7.97	146	173613	41.365	ng	99
13) 1,4-Dichlorobenzene	8.13	146	174101	41.064	ng	98
14) 1,2-Dichlorobenzene	8.44	146	162964	40.260	ng	99
15) Benzyl Alcohol	8.33	79	145658	44.914	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	327801	45.549	ng	98
17) 2-Methylphenol	8.52	107	138204	43.060	ng	99
18) Hexachloroethane	9.17	117	64309	41.678	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	134325	41.420	ng	96
20) 3+4-Methylphenols	8.85	107	191473	42.083	ng	98
22) Acetophenone	8.92	105	246143	40.840	ng	# 98
24) Nitrobenzene	9.31	77	195595	42.253	ng	98
25) Isophorone	9.82	82	329423	40.445	ng	97
26) 2-Nitrophenol	10.02	139	97329	42.116	ng	99
27) 2,4-Dimethylphenol	10.06	122	144752	41.572	ng	97
28) bis(2-Chloroethoxy)methane	10.31	93	212985	40.893	ng	99
29) 2,4-Dichlorophenol	10.55	162	163342	41.706	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	178810	40.742	ng	99
31) Naphthalene	10.96	128	480485	40.328	ng	100
32) Benzoic acid	10.18	122	37570	24.785	ng	95
33) 4-Chloroaniline	11.07	127	220918	39.861	ng	98
34) Hexachlorobutadiene	11.22	225	109415	40.508	ng	99
35) Caprolactam	11.87	113	59891	38.204	ng	# 82
36) 4-Chloro-3-methylphenol	12.17	107	174502	40.783	ng	98
37) 2-Methylnaphthalene	12.56	142	343250	40.108	ng	99
38) 1-Methylnaphthalene	12.77	142	331198	40.204	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	201273	41.257	ng	99

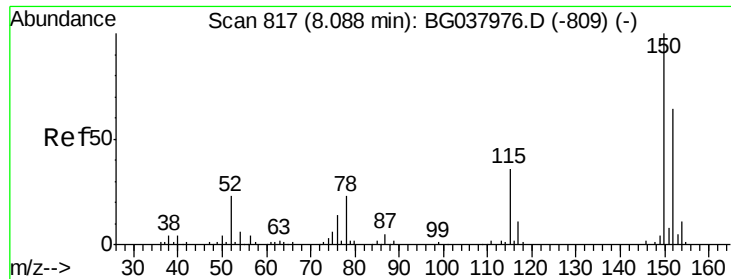
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038116.D
 Acq On : 21 Nov 2018 13:07
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:01:19 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)
41) Hexachlorocyclopentadiene	12.88	237	98190	37.587	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	134590	40.486	ng	99
44) 2,4,5-Trichlorophenol	13.23	196	140501	40.167	ng	97
46) 1,1'-Biphenyl	13.55	154	499903	40.758	ng	99
47) 2-Chloronaphthalene	13.61	162	381713	40.784	ng	100
48) 2-Nitroaniline	13.81	65	129059	43.813	ng	97
49) Acenaphthylene	14.45	152	572144	40.651	ng	99
50) Dimethylphthalate	14.17	163	461980	39.915	ng	100
51) 2,6-Dinitrotoluene	14.31	165	108753	41.516	ng	97
52) Acenaphthene	14.79	154	343331	40.520	ng	98
53) 3-Nitroaniline	14.64	138	115788	40.057	ng	# 99
54) 2,4-Dinitrophenol	14.84	184	17831	20.433	ng	94
55) Dibenzofuran	15.12	168	559074	39.903	ng	98
56) 4-Nitrophenol	14.93	139	76461	34.297	ng	95
57) 2,4-Dinitrotoluene	15.09	165	148646	41.706	ng	98
58) Fluorene	15.77	166	414279	39.630	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113311	38.713	ng	97
60) Diethylphthalate	15.52	149	492454	40.058	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	240184	39.266	ng	96
62) 4-Nitroaniline	15.80	138	117873	41.049	ng	96
63) Azobenzene	16.05	77	450011	40.941	ng	96
65) 4,6-Dinitro-2-methylphenol	15.85	198	46358	22.752	ng	97
66) n-Nitrosodiphenylamine	15.98	169	404672	41.523	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	149358	42.242	ng	98
68) Hexachlorobenzene	16.76	284	152812	41.871	ng	98
69) Atrazine	16.92	200	148097	41.223	ng	100
70) Pentachlorophenol	17.11	266	71881	29.000	ng	95
71) Phenanthrene	17.51	178	676263	41.003	ng	100
72) Anthracene	17.60	178	673518	41.427	ng	99
73) Carbazole	17.88	167	670842	41.127	ng	99
74) Di-n-butylphthalate	18.41	149	780896	42.648	ng	99
75) Fluoranthene	19.52	202	774687	41.169	ng	100
77) Benzidine	19.70	184	384880	37.117	ng	99
78) Pyrene	19.88	202	792949	41.041	ng	98
80) Butylbenzylphthalate	20.75	149	359290	42.523	ng	98
81) Benzo(a)anthracene	21.73	228	738346	41.345	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	289364	41.597	ng	100
83) Chrysene	21.80	228	704304	41.220	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	507744	42.138	ng	100
85) Di-n-octyl phthalate	22.84	149	849279	43.567	ng	100
86) Indeno(1,2,3-cd)pyrene	28.88	276	763637	40.241	ng	99
88) Benzo(b)fluoranthene	24.01	252	719689	40.785	ng	99
89) Benzo(k)fluoranthene	24.08	252	713769	40.993	ng	98
90) Benzo(a)pyrene	24.92	252	702942	41.684	ng	99
91) Dibenzo(a,h)anthracene	28.96	278	629526	38.798	ng	98
92) Benzo(g,h,i)perylene	30.10	276	603652	37.416	ng	98

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

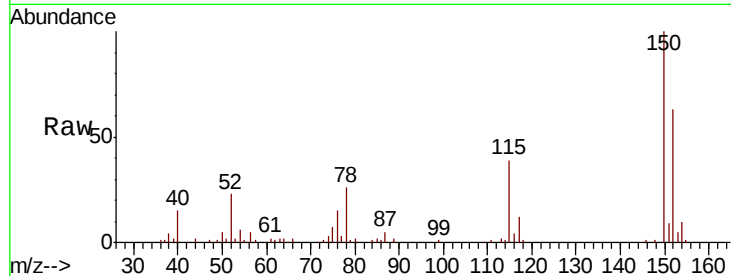


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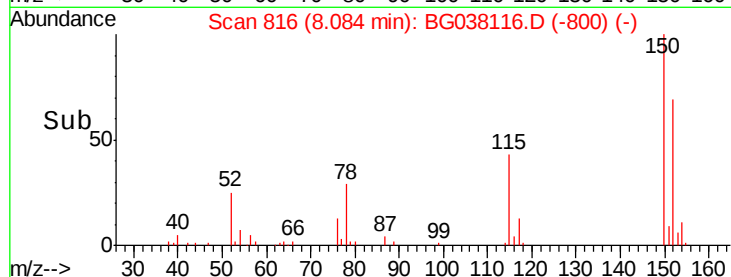
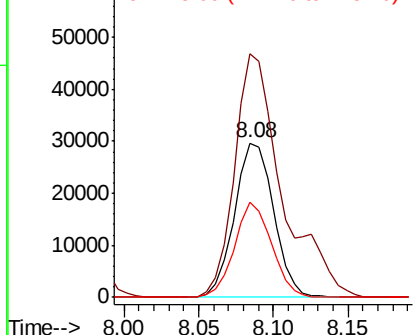
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54211
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 61.5 45.5 68.3



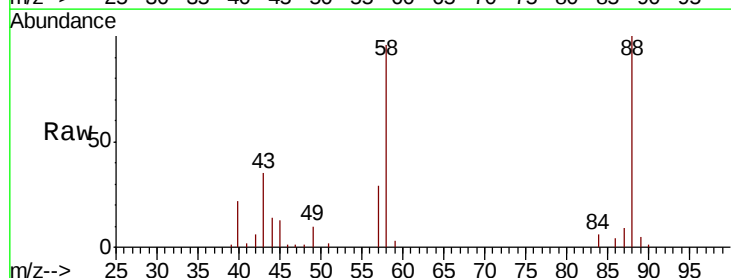
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



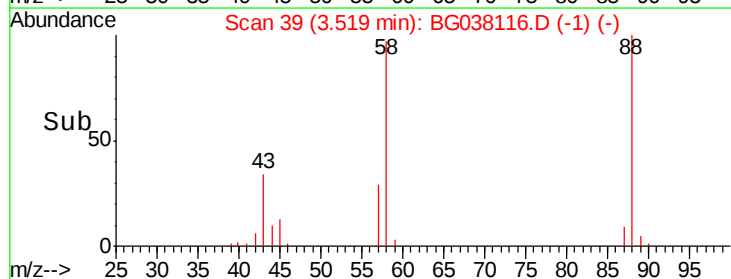
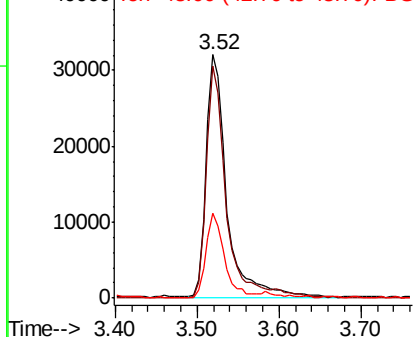
#2

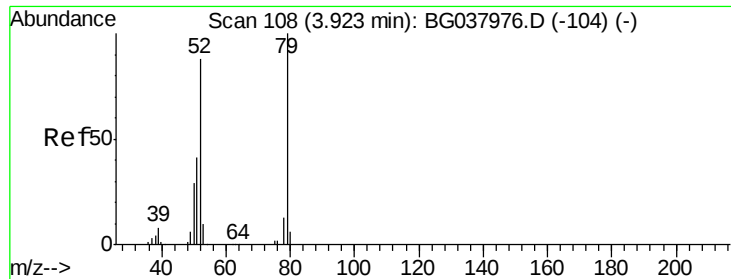
1,4-Dioxane
Concen: 38.707 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion: 88 Resp: 57405
Ion Ratio Lower Upper
88 100
58 91.1 74.4 111.6
43 30.8 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

Pvridine

Concen: 39.416 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

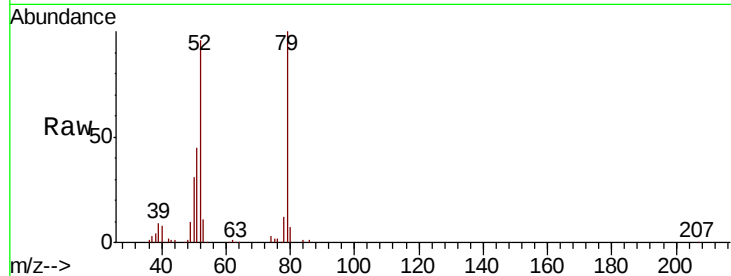
Tot Ion: 79 Resp: 166750

Ion Ratio Lower Upper

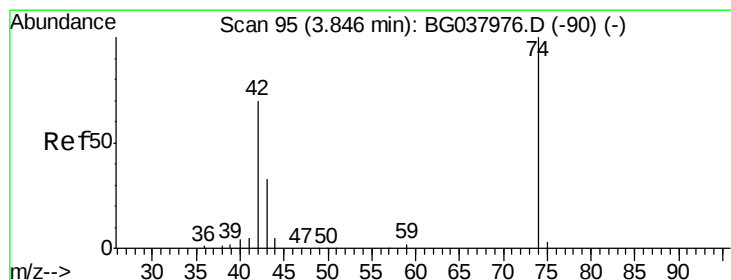
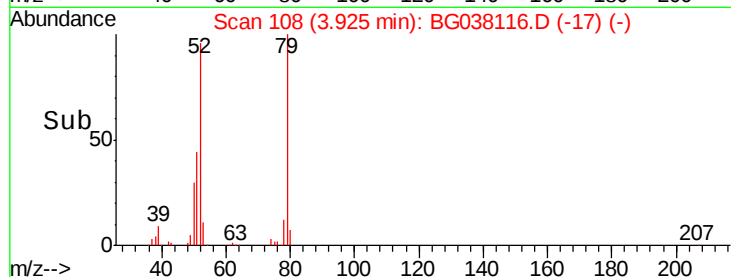
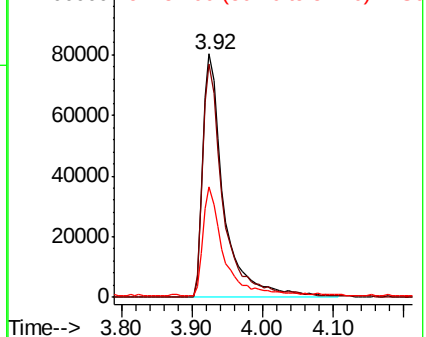
79 100

52 95.8 74.2 111.2

51 45.3 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 44.894 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

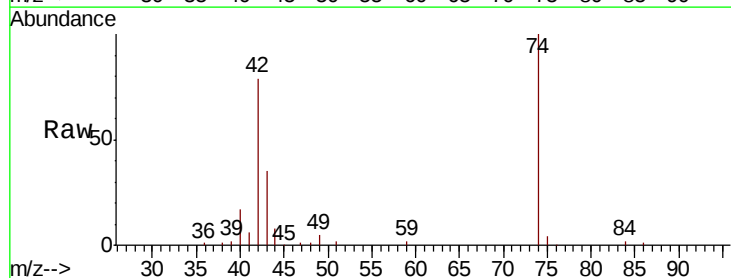
Tgt Ion: 42 Resp: 68904

Ion Ratio Lower Upper

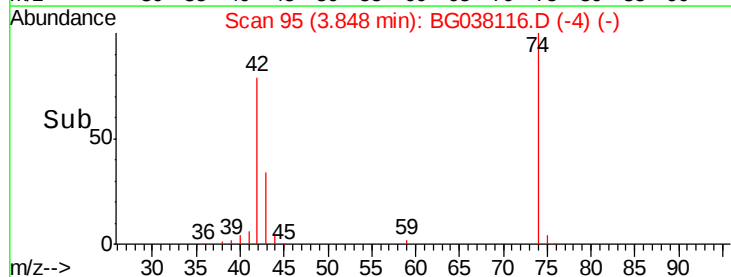
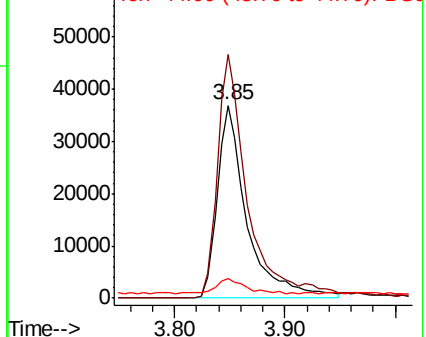
42 100

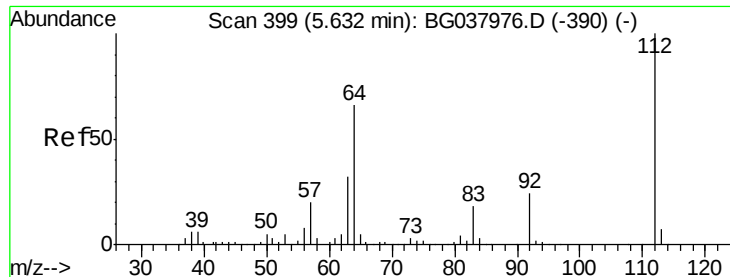
74 126.4 102.0 153.0

44 10.2 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: 83.236 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampled :

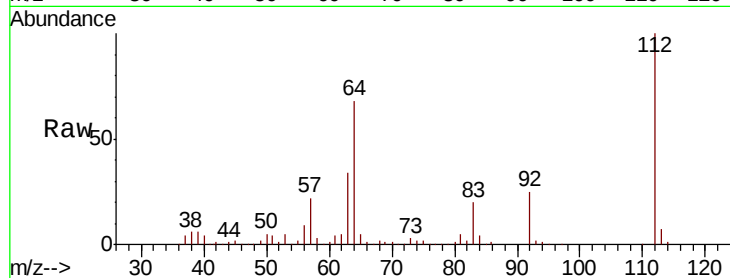
Tot Ion: 112 Resp: 261347

Ion Ratio Lower Upper

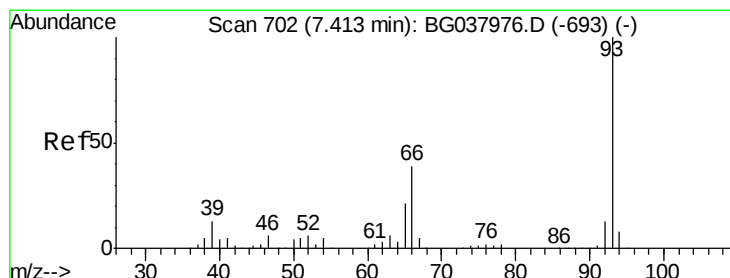
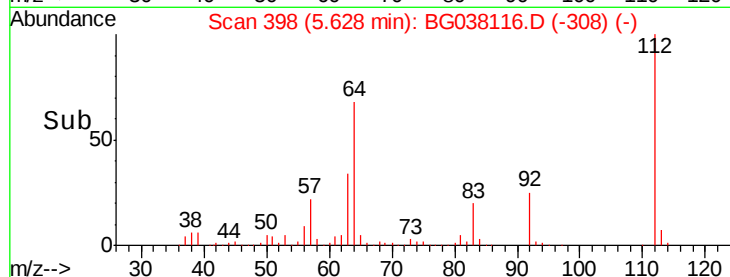
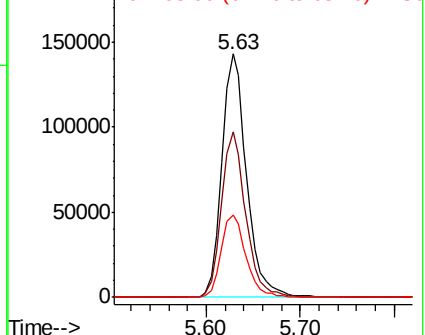
112 100

64 68.1 53.1 79.7

63 33.8 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: 41.269 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

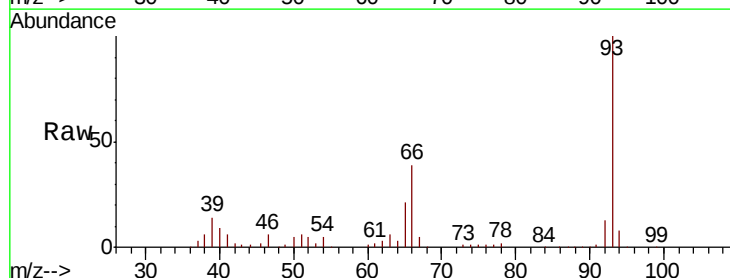
Tgt Ion: 93 Resp: 238720

Ion Ratio Lower Upper

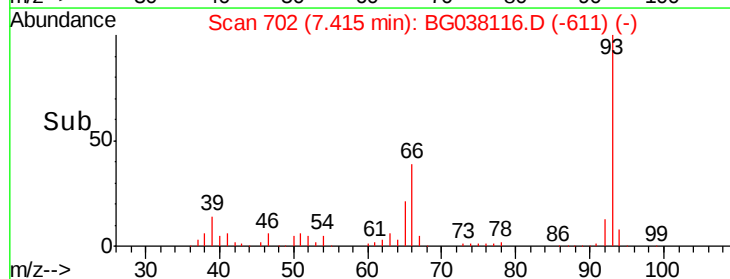
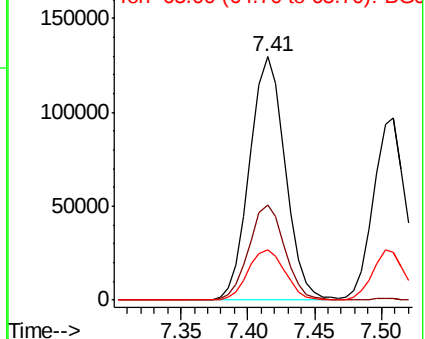
93 100

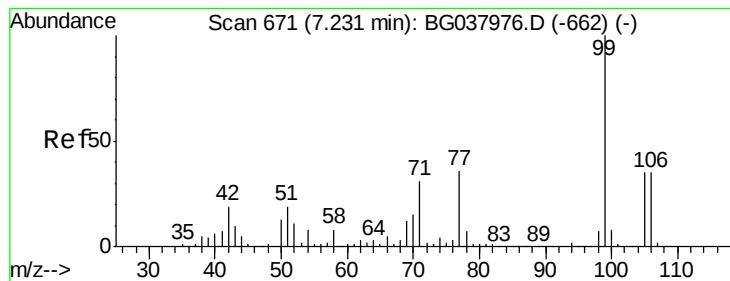
66 39.1 32.8 49.2

65 20.9 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: 84.267 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

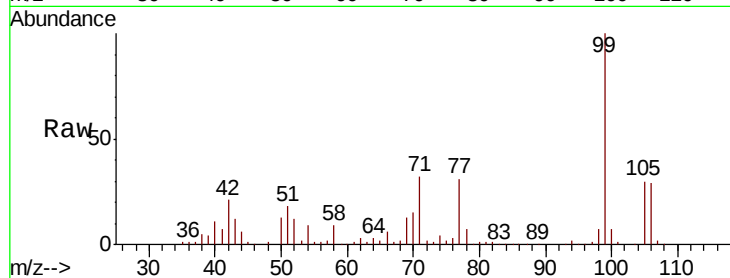
Tot Ion: 99 Resp: 377675

Ion Ratio Lower Upper

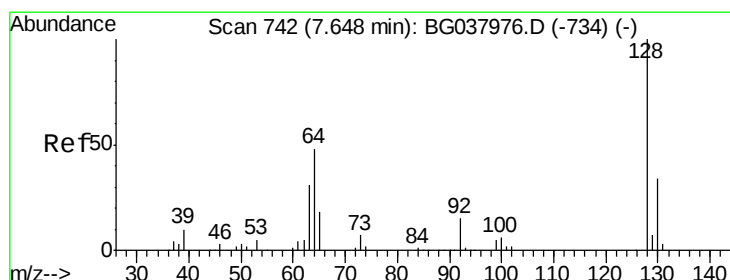
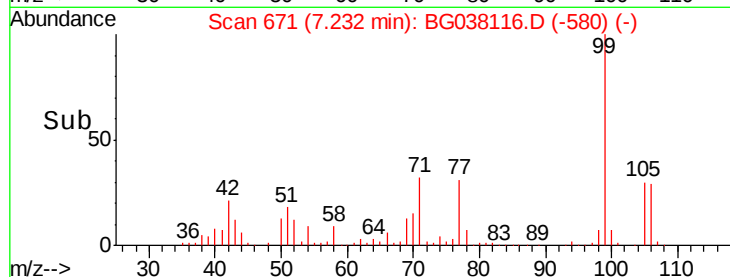
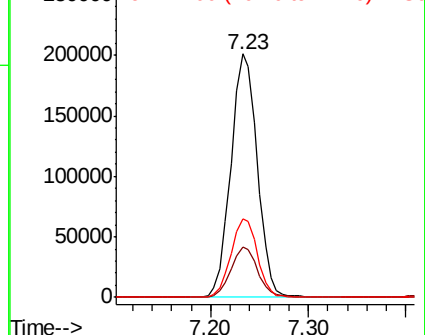
99 100

42 20.7 15.0 22.4

71 32.0 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: 42.989 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

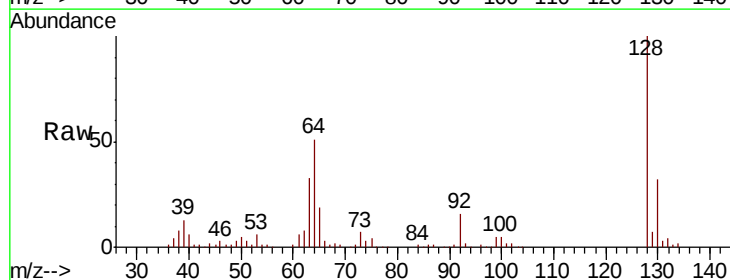
Tgt Ion: 128 Resp: 156618

Ion Ratio Lower Upper

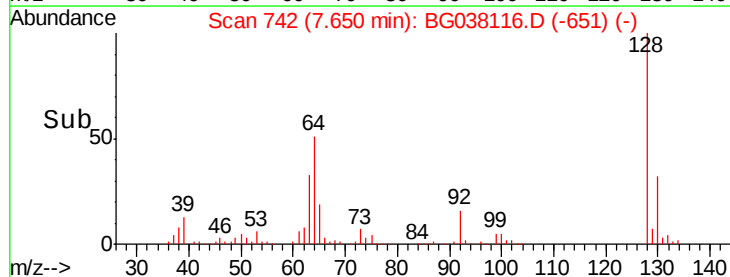
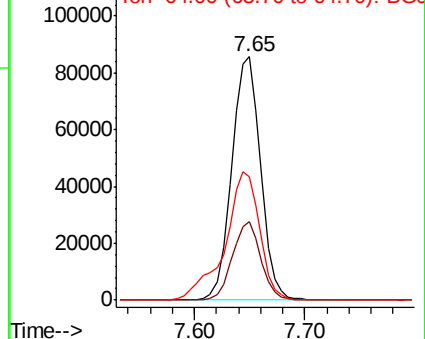
128 100

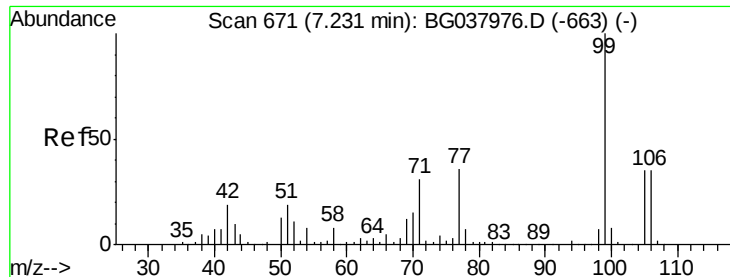
130 32.4 12.0 52.0

64 50.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 38.675 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

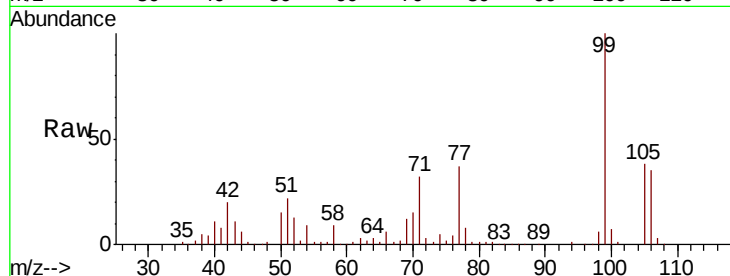
Tot Ion: 77 Resp: 125355

Ion Ratio Lower Upper

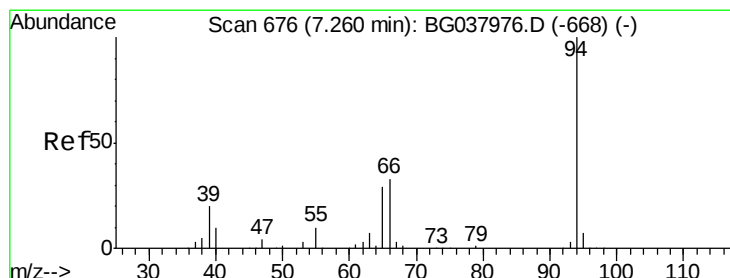
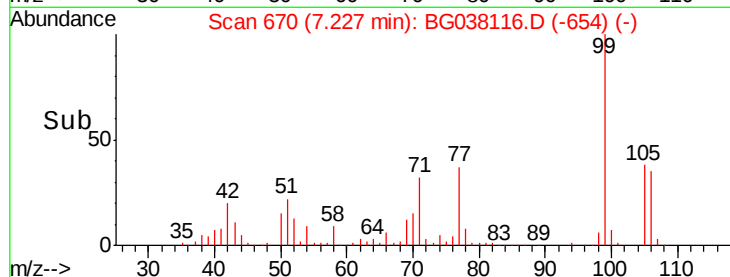
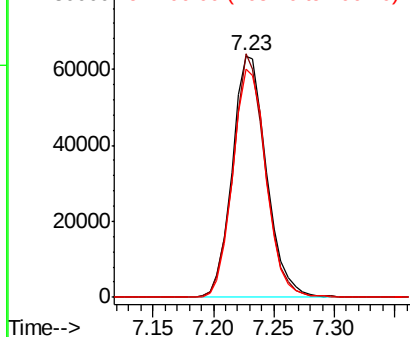
77 100

105 101.0 72.6 112.6

106 94.8 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: 42.734 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

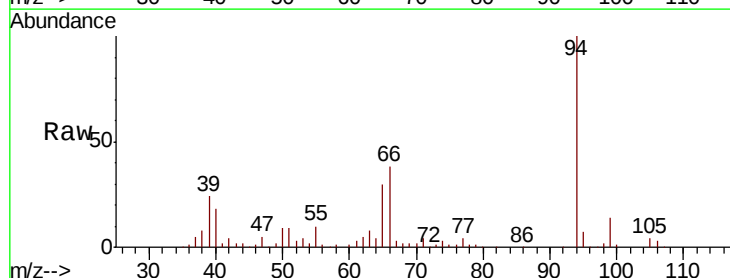
Tgt Ion: 94 Resp: 202870

Ion Ratio Lower Upper

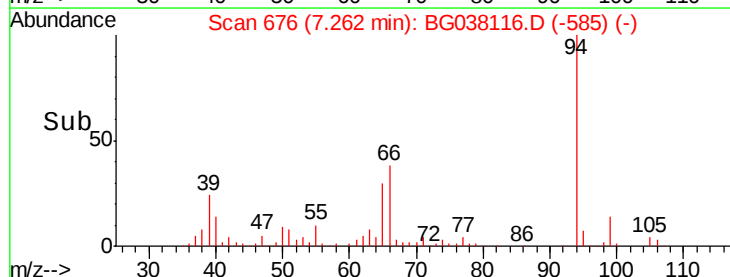
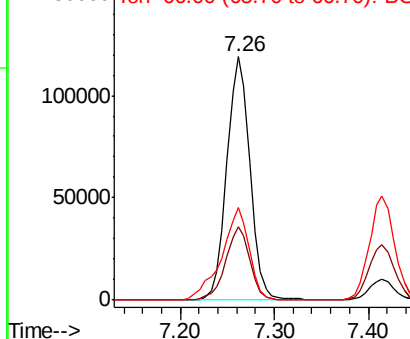
94 100

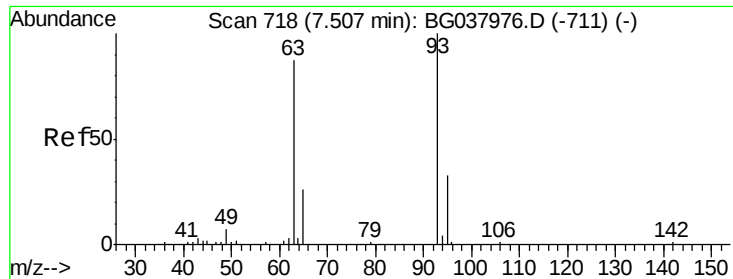
65 29.9 9.7 49.7

66 37.9 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

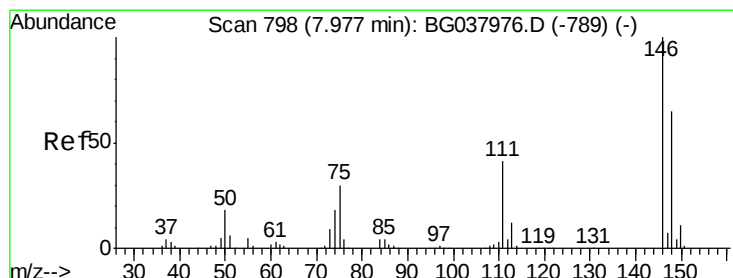
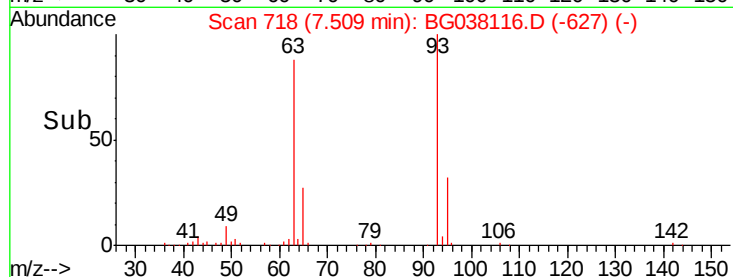
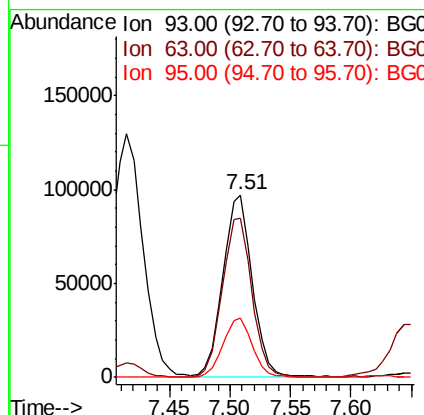
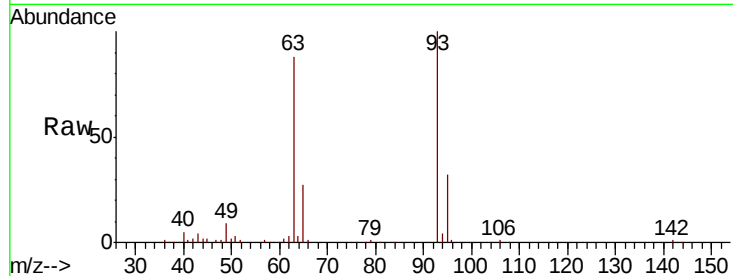




#11
 bis(2-Chloroethyl)ether
 Concen: 42.350 ng
 RT: 7.51 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

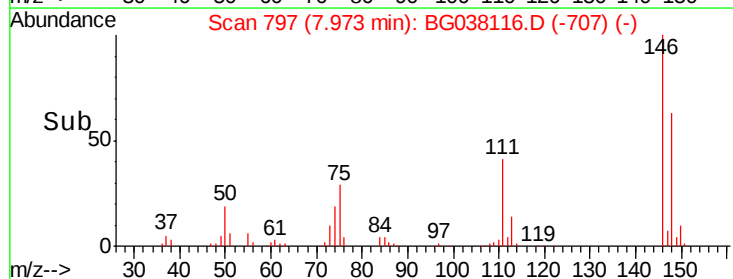
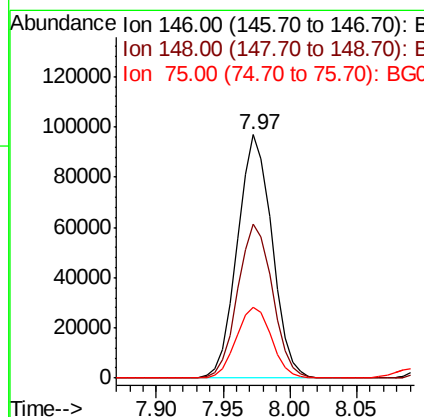
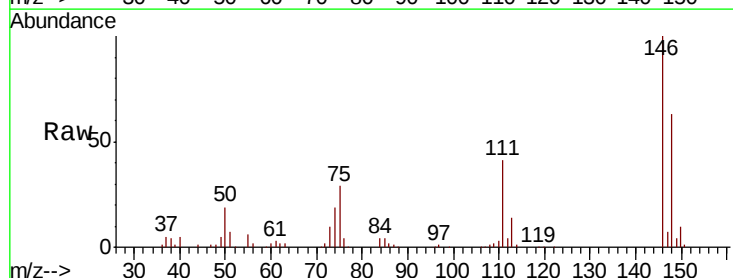
Instrument :
 BNA_F
 ClientSampleId :

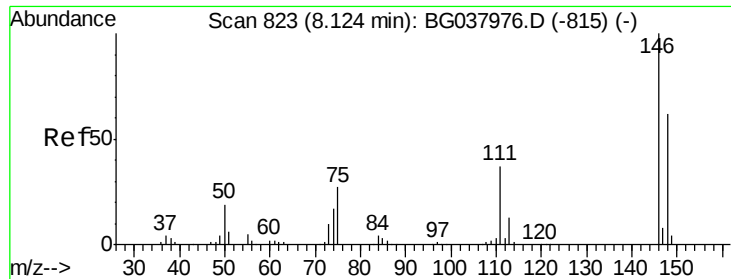
Tot Ion: 93 Resp: 164133
 Ion Ratio Lower Upper
 93 100
 63 87.5 69.5 109.5
 95 32.3 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 41.365 ng
 RT: 7.97 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion: 146 Resp: 173613
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.8 74.8
 75 29.1 23.2 34.8

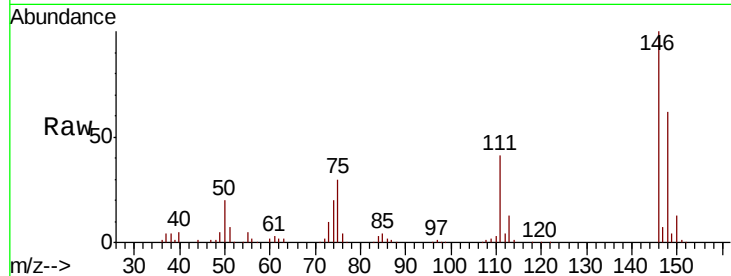




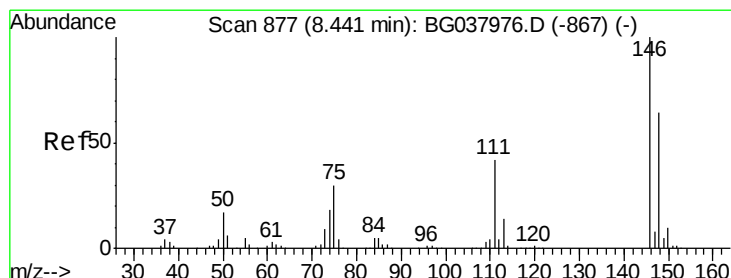
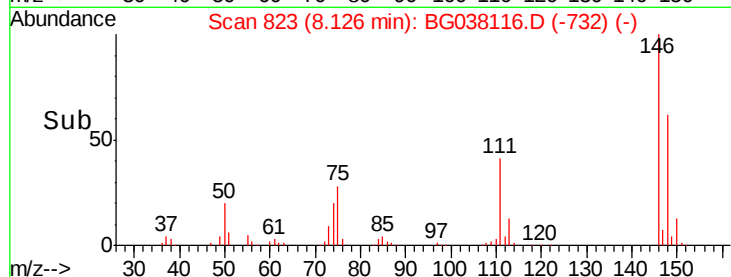
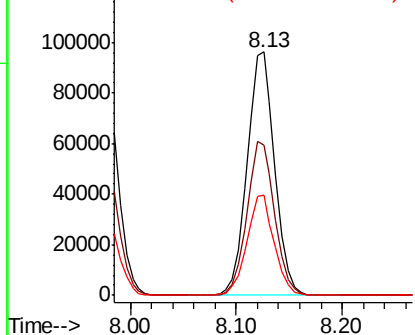
#13
 1,4-Dichlorobenzene
 Concen: 41.064 ng
 RT: 8.13 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 174101
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.0 76.6
 111 41.4 32.4 48.6

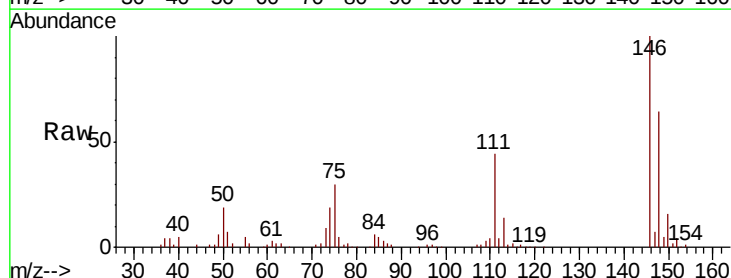


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

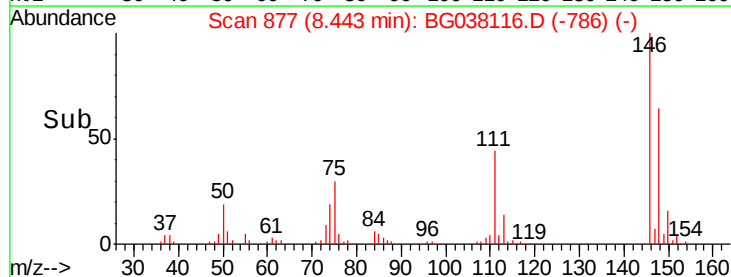
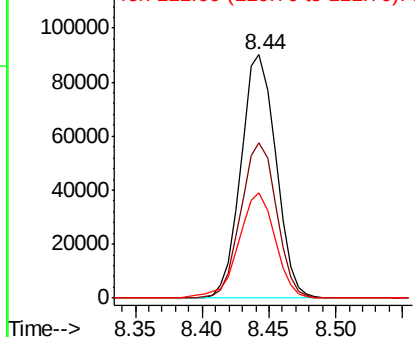


#14
 1,2-Dichlorobenzene
 Concen: 40.260 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion:146 Resp: 162964
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 43.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 44.914 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleID :

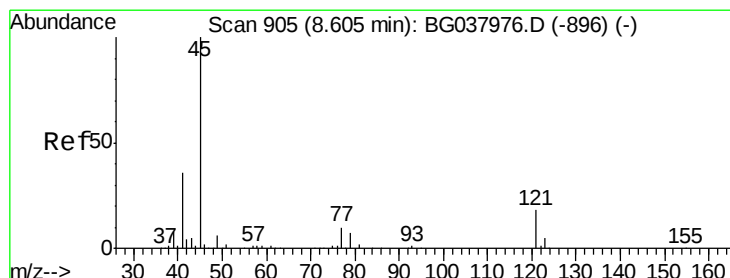
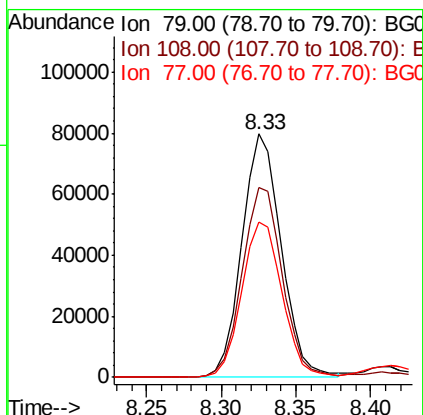
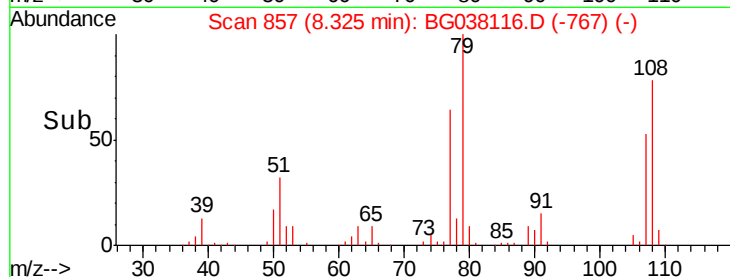
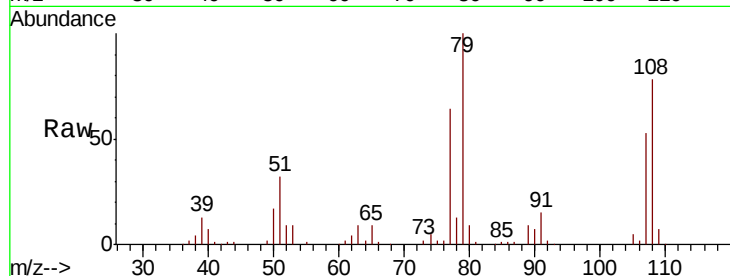
Tot Ion: 79 Resp: 145658

Ion Ratio Lower Upper

79 100

108 77.9 65.8 98.8

77 63.7 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.549 ng

RT: 8.61 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

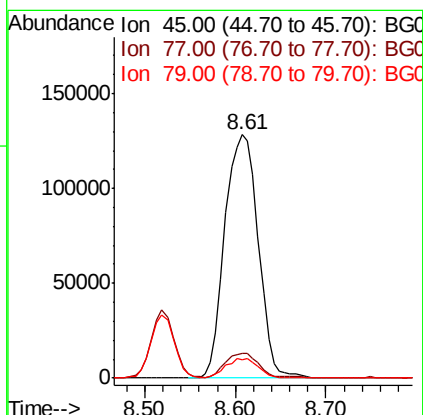
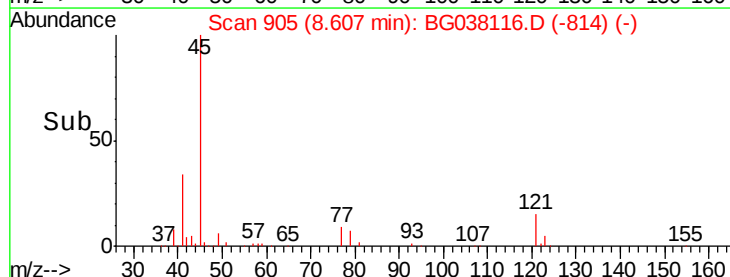
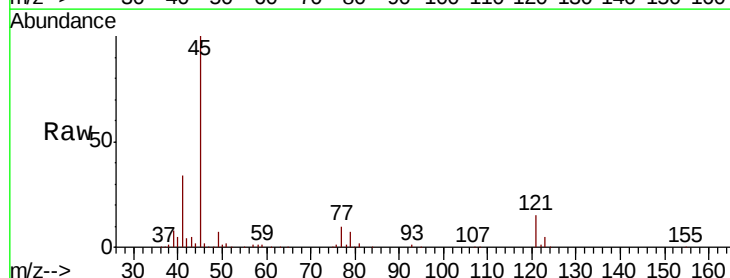
Tgt Ion: 45 Resp: 327801

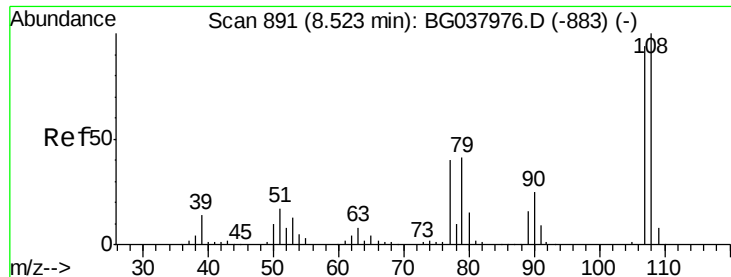
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 7.3 0.0 29.0

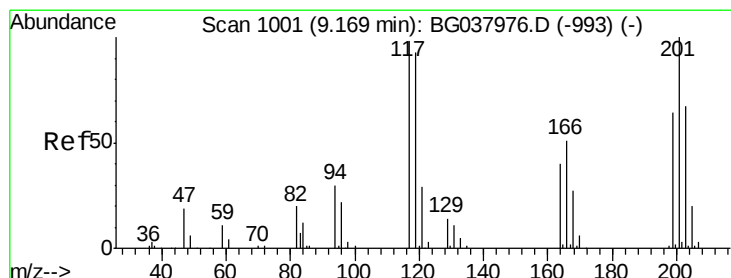
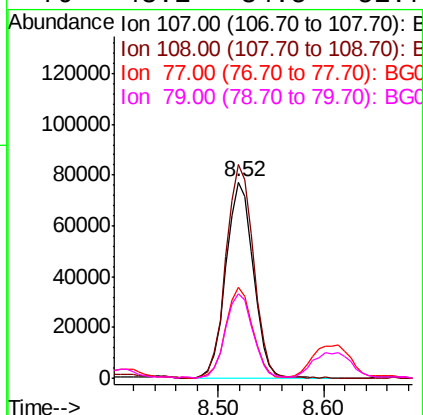
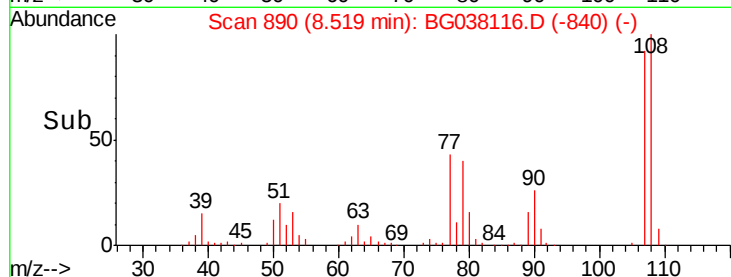
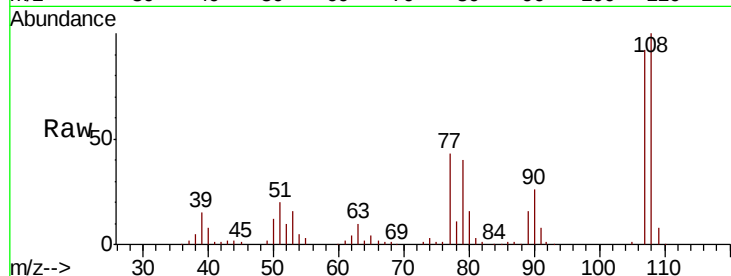




#17
2-Methylphenol
Concen: 43.060 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

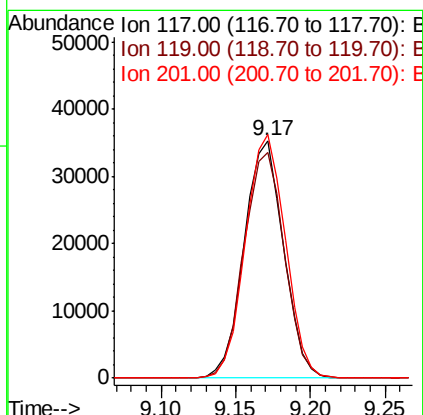
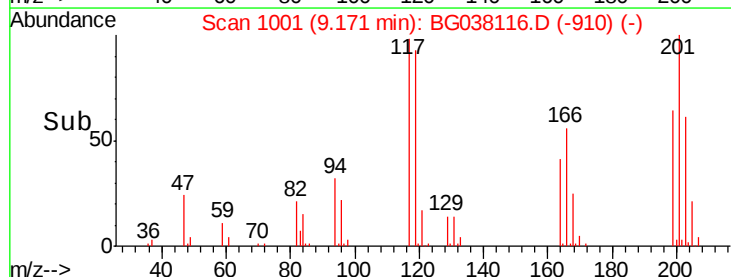
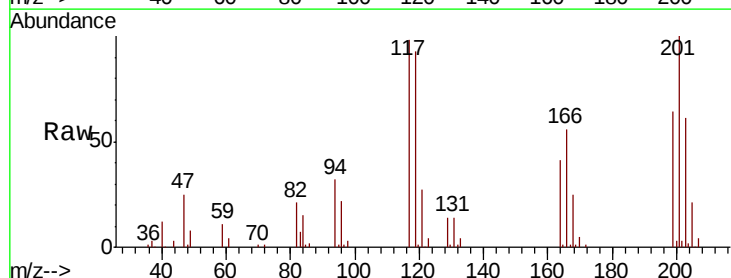
Instrument :
BNA_F
ClientSampleId :

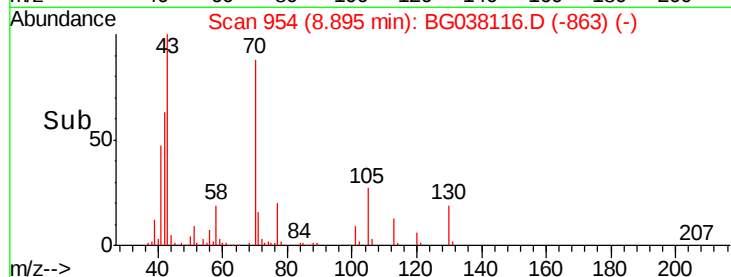
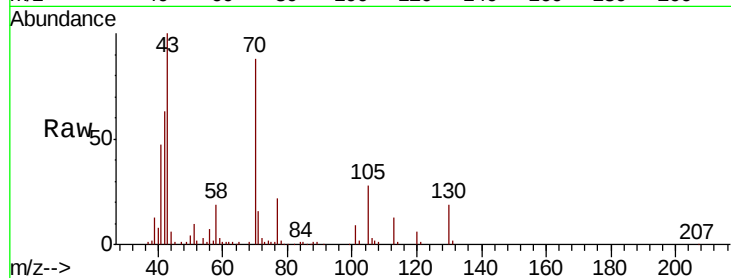
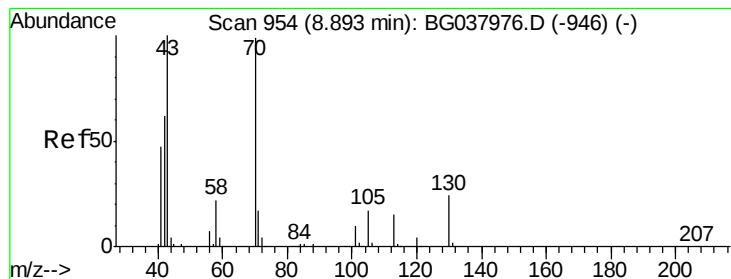
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	87.9	131.9
77	46.7	35.1	52.7
79	43.1	34.5	51.7



#18
Hexachloroethane
Concen: 41.678 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.6	111.8
201	105.5	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.420 ng

RT: 8.90 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 134325

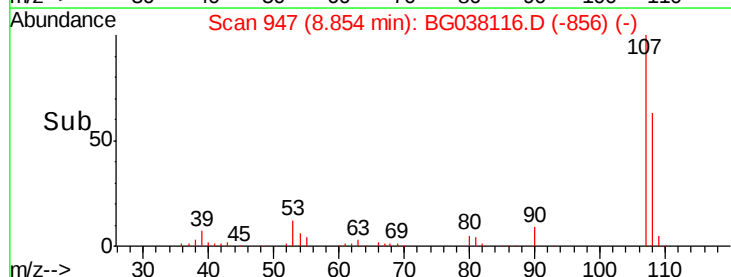
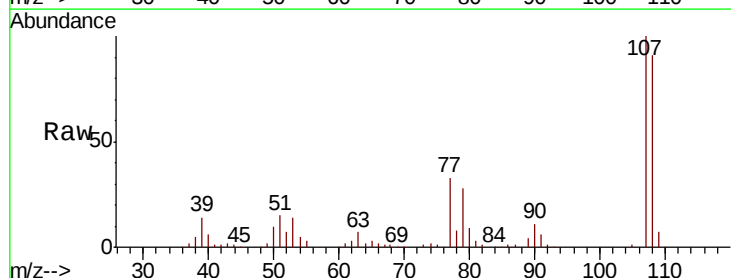
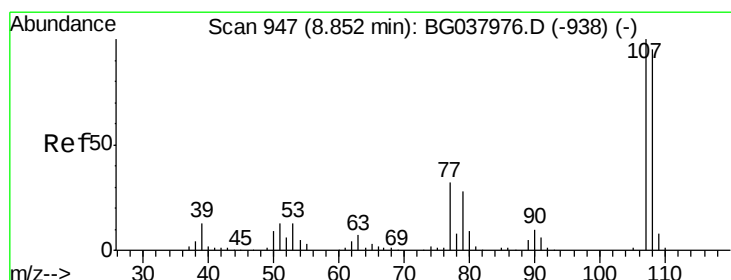
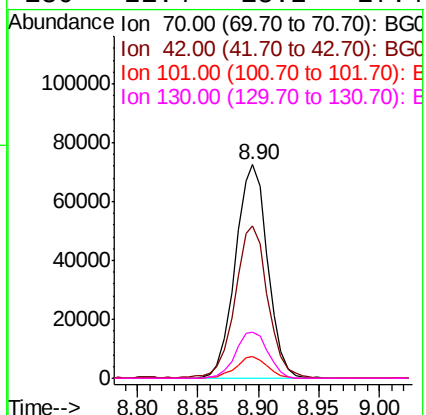
Ion Ratio Lower Upper

70 100

42 71.2 53.9 80.9

101 10.3 8.2 12.2

130 21.4 18.2 27.4



#20

3+4-Methylphenols

Concen: 42.083 ng

RT: 8.85 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Tgt Ion: 107 Resp: 191473

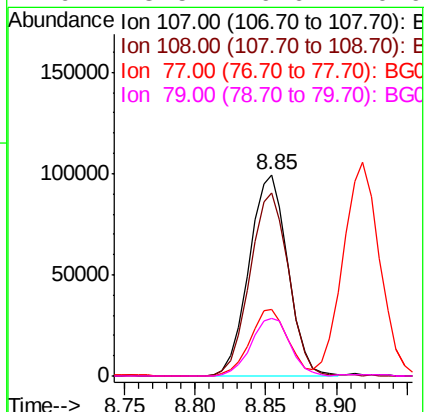
Ion Ratio Lower Upper

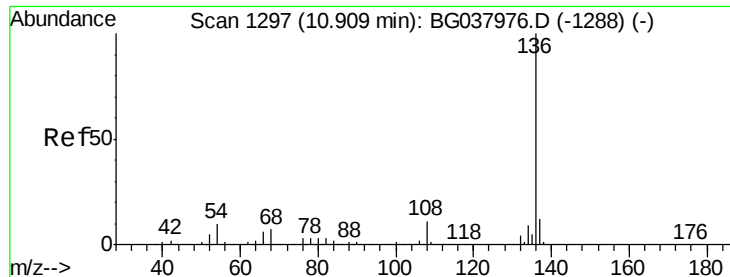
107 100

108 91.1 69.9 109.9

77 33.1 11.2 51.2

79 28.5 6.6 46.6

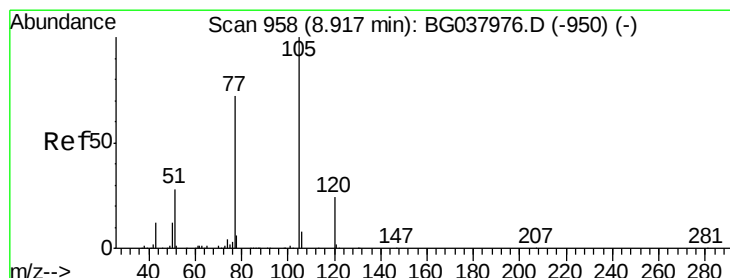
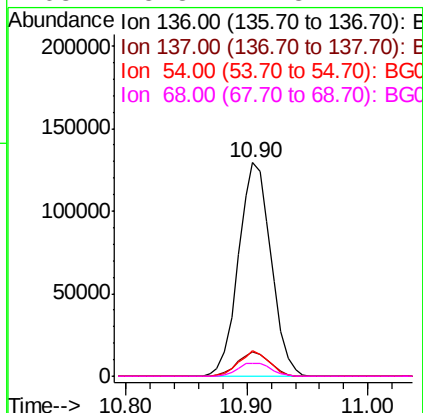
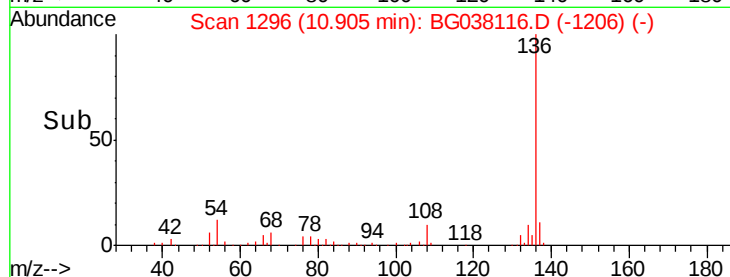
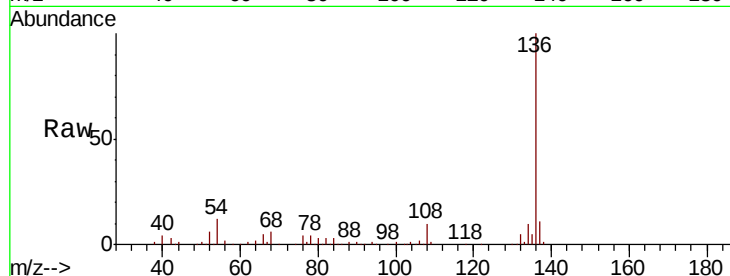




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

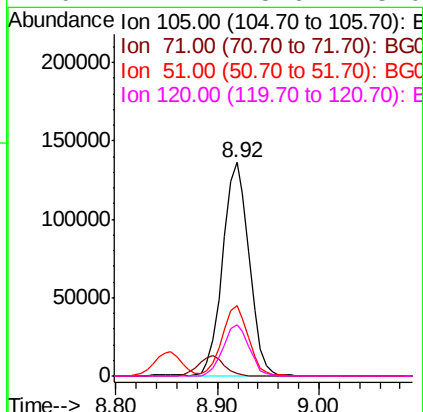
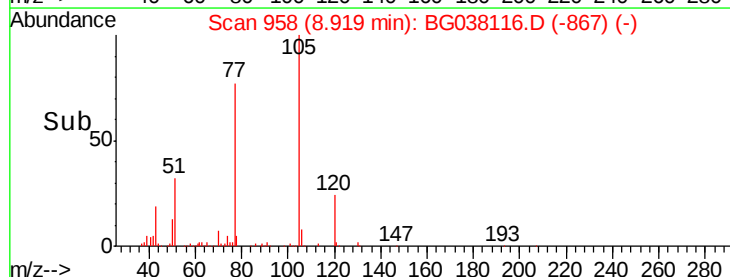
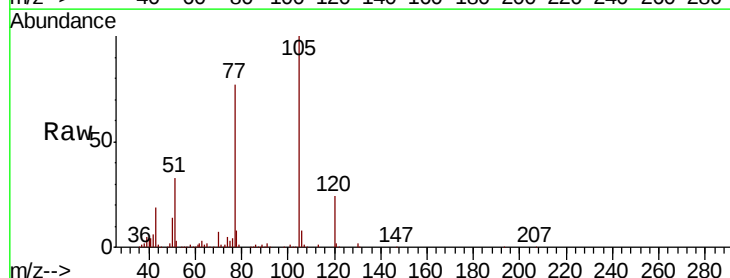
Instrument :
BNA_F
ClientSampleId :

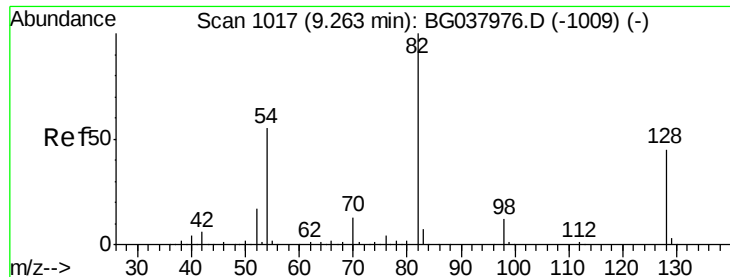
Tot Ion:136	Resp:	242238
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.6 14.4
54	11.8	7.9 11.9
68	5.8	4.8 7.2



#22
Acetophenone
Concen: 40.840 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:105	Resp:	246143
Ion Ratio	Lower	Upper
105	100	
71	1.0	1.2 1.8#
51	32.7	25.0 37.6
120	24.2	18.6 28.0

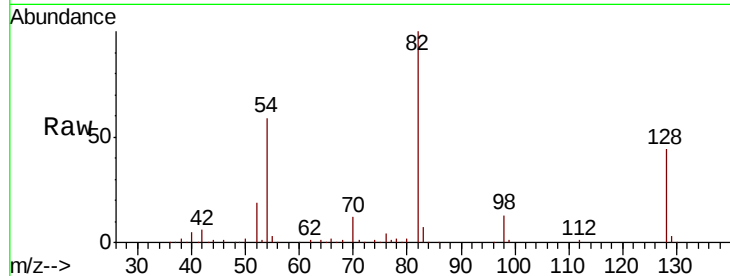




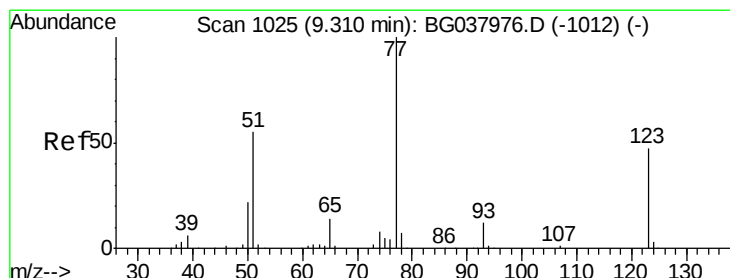
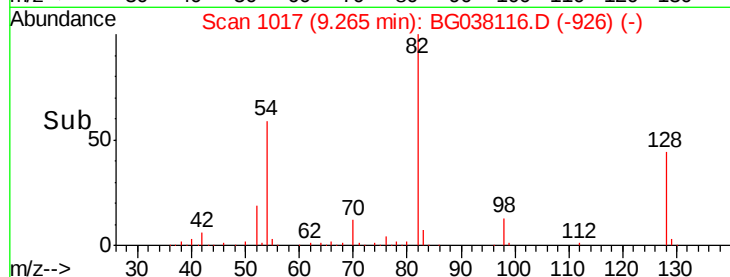
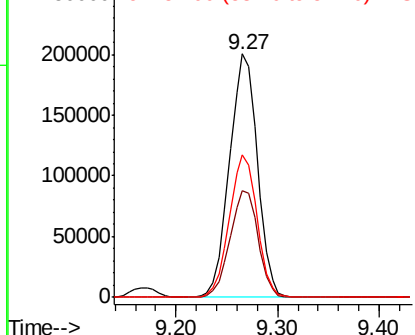
#23
Nitrobenzene-d5
Concen: 84.652 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 383070
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 58.5 45.3 67.9

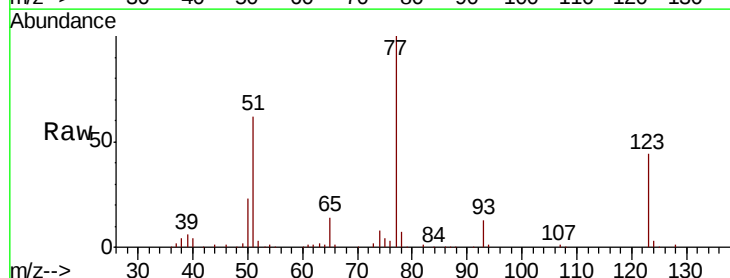


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

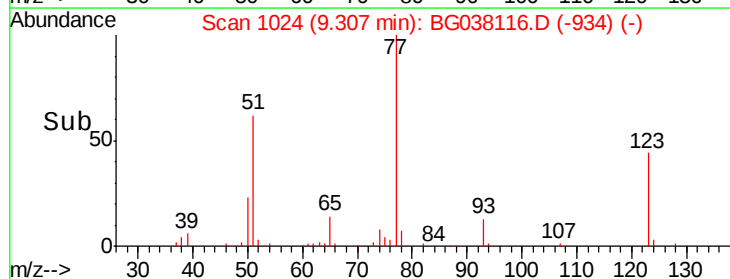
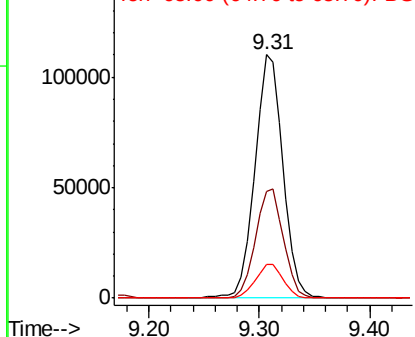


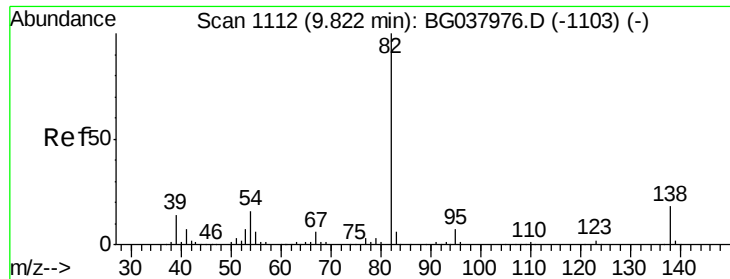
#24
Nitrobenzene
Concen: 42.253 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion: 77 Resp: 195595
Ion Ratio Lower Upper
77 100
123 43.8 33.6 50.4
65 13.7 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: 40.445 ng

RT: 9.82 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampled :

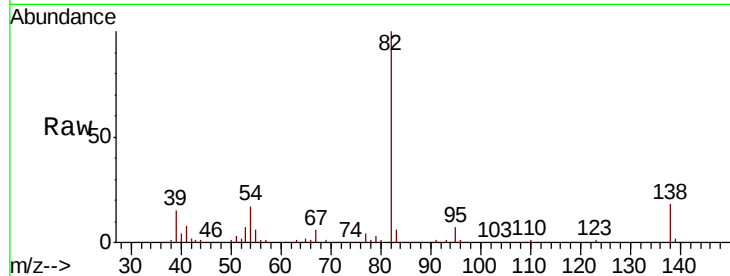
Tot Ion: 82 Resp: 329423

Ion Ratio Lower Upper

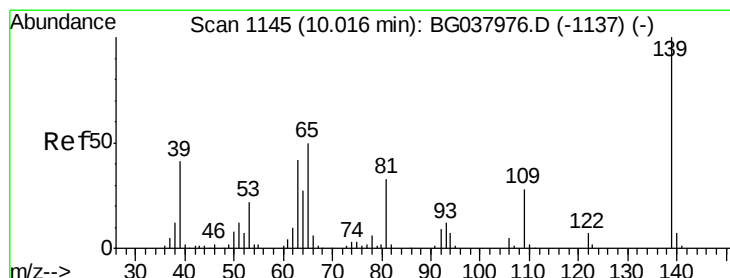
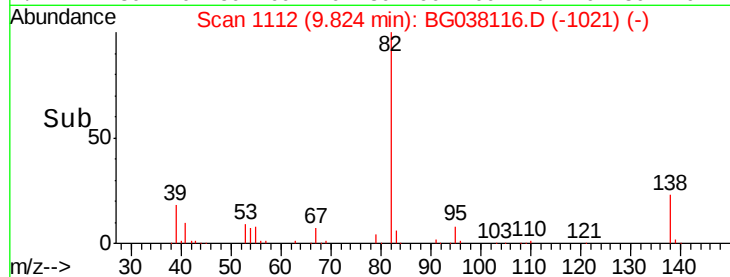
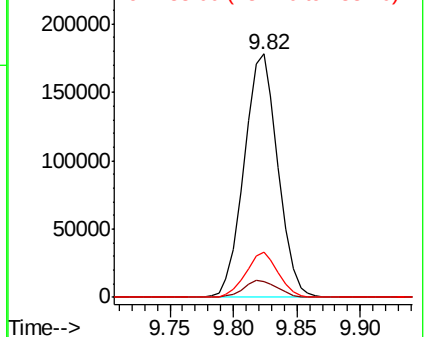
82 100

95 6.6 5.3 7.9

138 18.4 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: 42.116 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

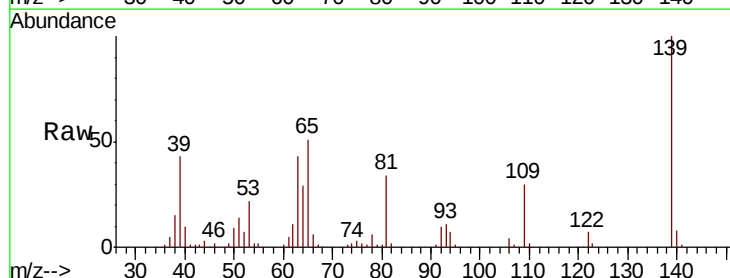
Tgt Ion: 139 Resp: 97329

Ion Ratio Lower Upper

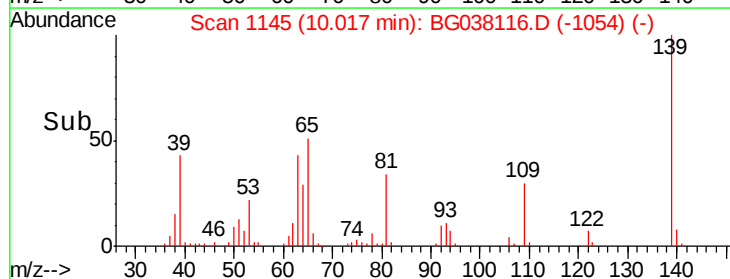
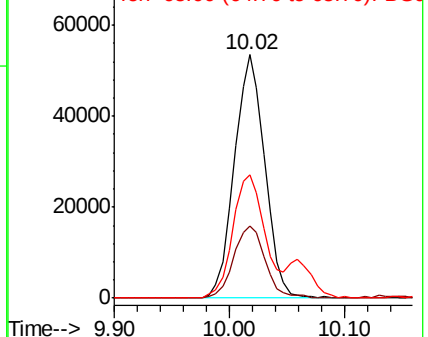
139 100

109 29.6 23.3 34.9

65 50.8 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

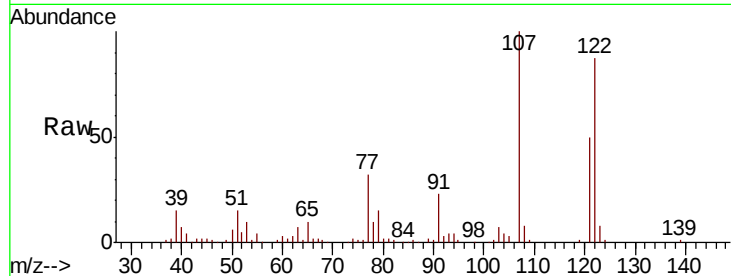




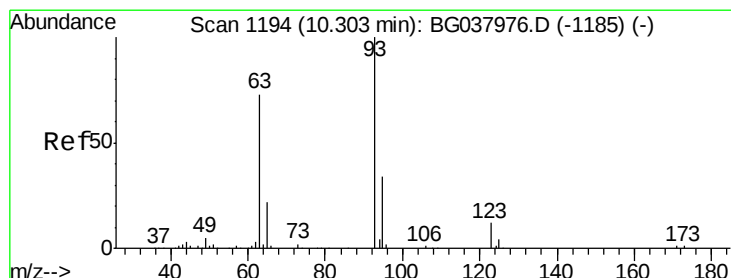
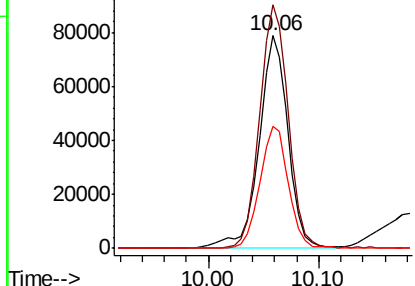
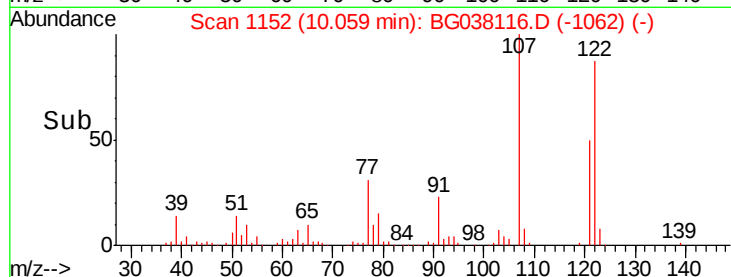
#27
2,4-Dimethylphenol
Concen: 41.572 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 144752
Ion Ratio Lower Upper
122 100
107 114.4 94.2 141.2
121 57.3 47.3 70.9

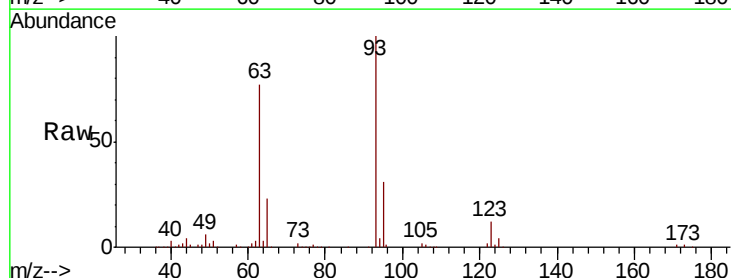


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

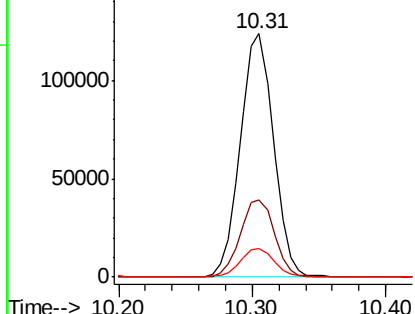
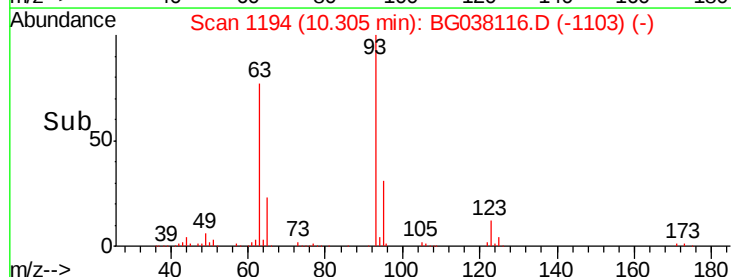


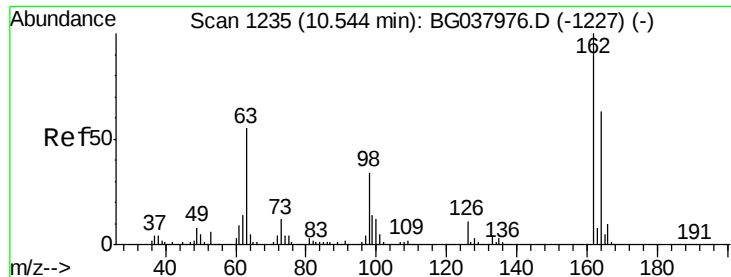
#28
bis(2-Chloroethoxy)methane
Concen: 40.893 ng
RT: 10.31 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion: 93 Resp: 212985
Ion Ratio Lower Upper
93 100
95 31.5 24.6 37.0
123 11.6 9.1 13.7



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

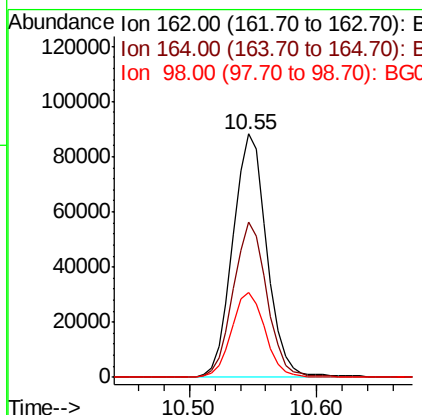
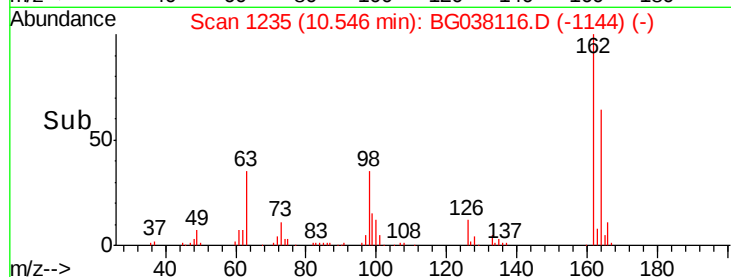
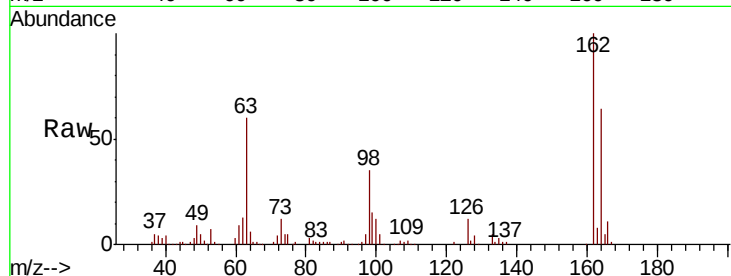




#29
 2,4-Dichlorophenol
 Concen: 41.706 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

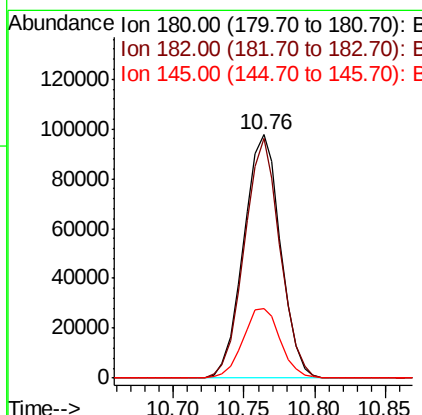
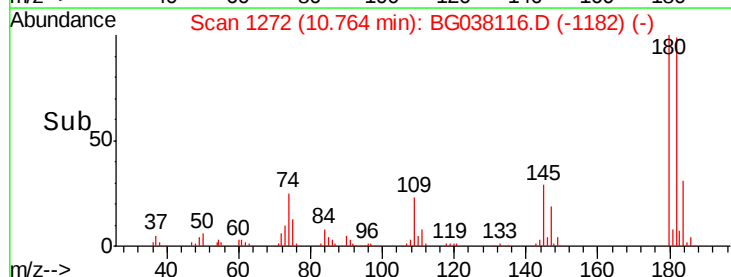
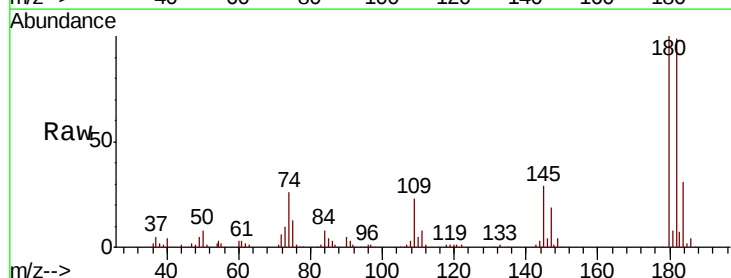
Instrument :
 BNA_F
 ClientSampled :

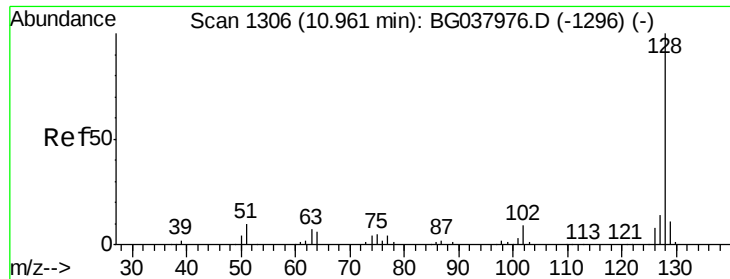
Tot Ion	162	Resp	163342
Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.2	83.2
98	34.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.742 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion	180	Resp	178810
Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.7	116.5
145	28.6	23.3	34.9

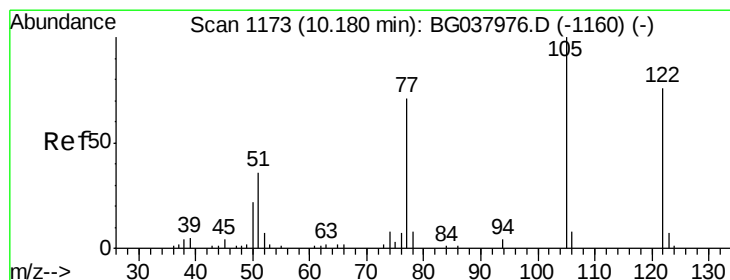
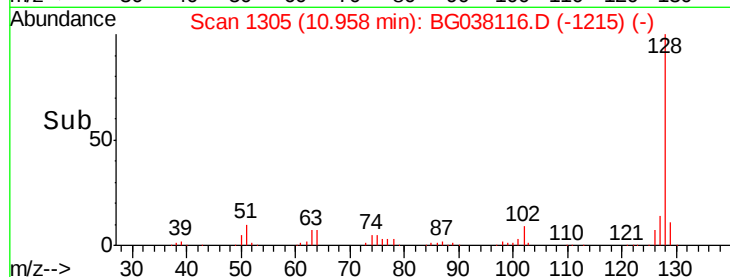
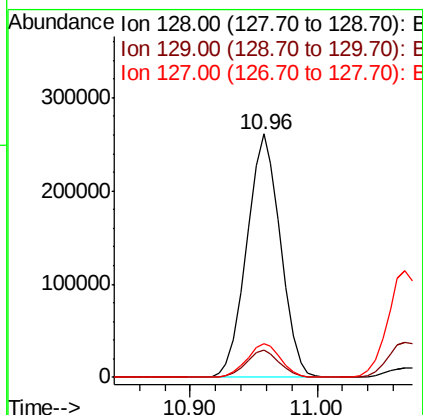
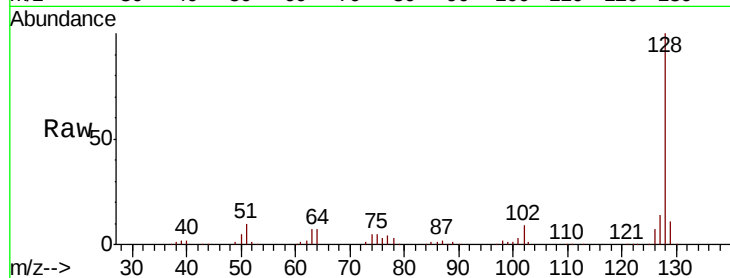




#31
Naphthalene
Concen: 40.328 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

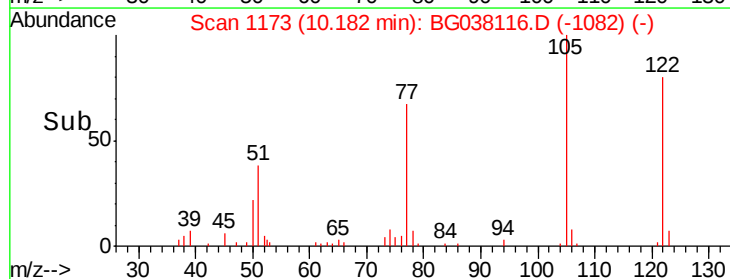
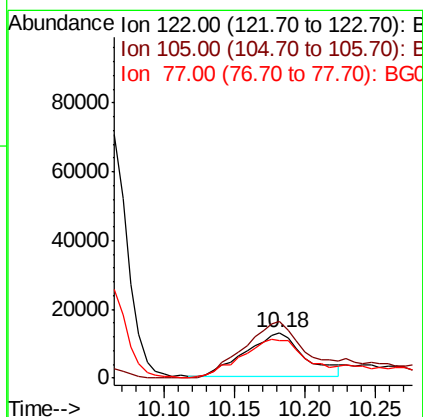
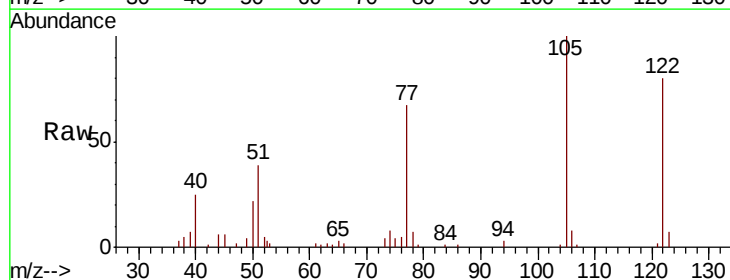
Instrument :
BNA_F
ClientSampleId :

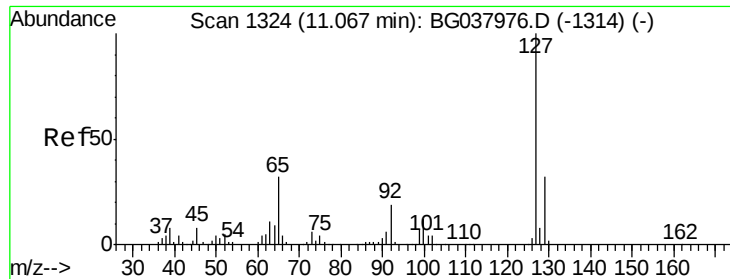
Tot Ion:128 Resp: 480485
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 24.785 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:122 Resp: 37570
Ion Ratio Lower Upper
122 100
105 124.3 106.7 146.7
77 83.5 72.2 112.2

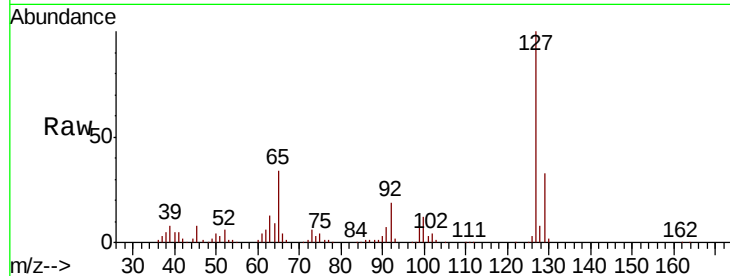




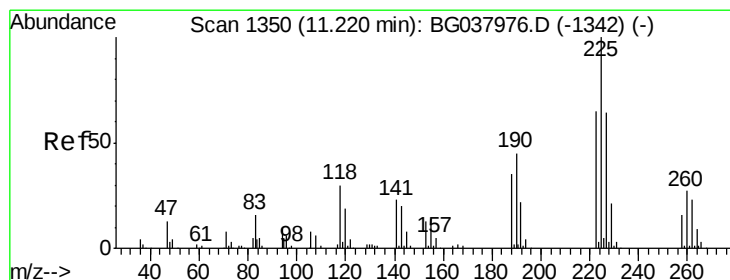
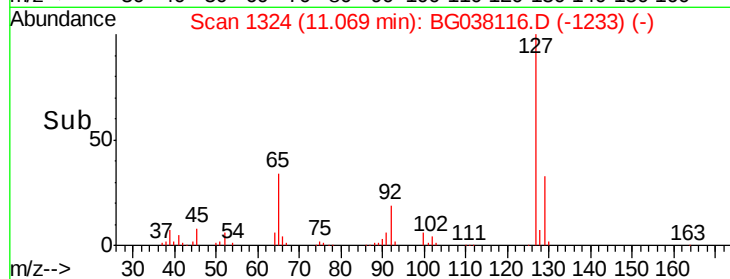
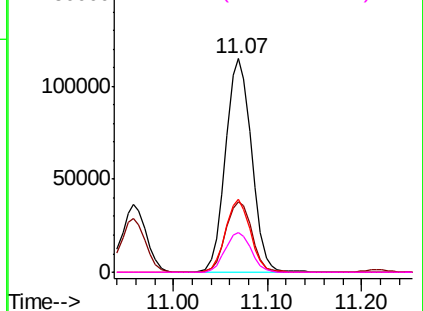
#33
4-Chloroaniline
Concen: 39.861 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	220918
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.1	40.7
65	34.1	26.6	39.8
92	18.7	16.4	24.6

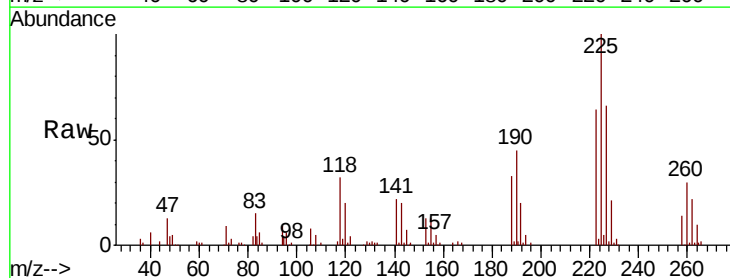


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

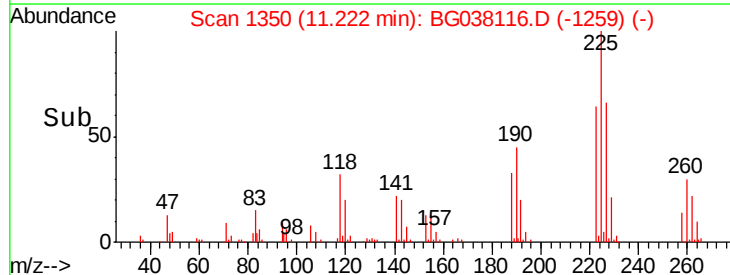
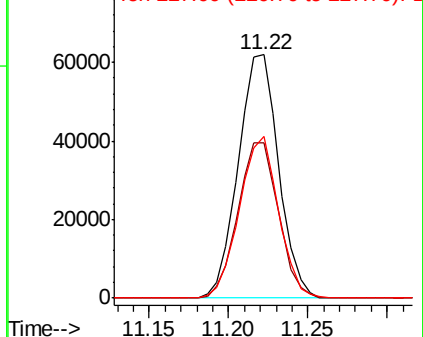


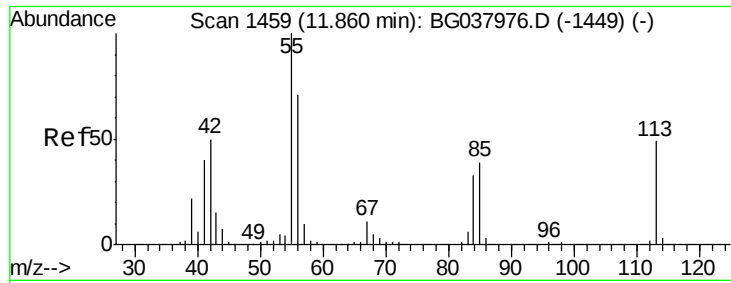
#34
Hexachlorobutadiene
Concen: 40.508 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:	225	Resp:	109415
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.2	72.4
227	65.4	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

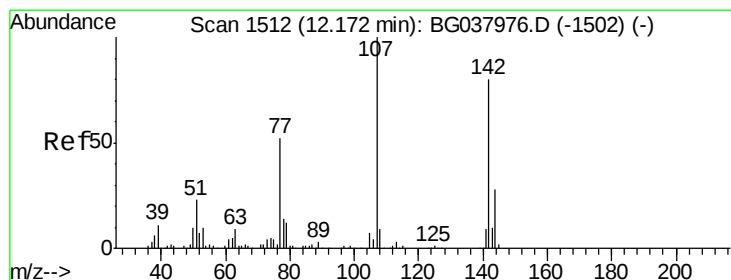
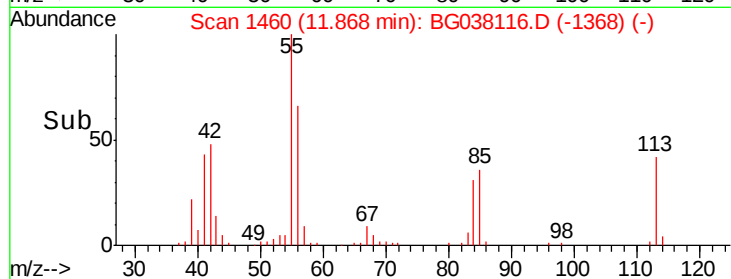
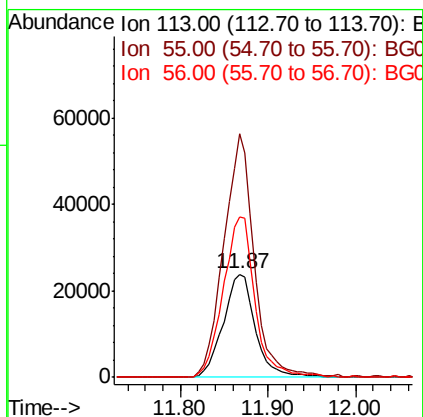
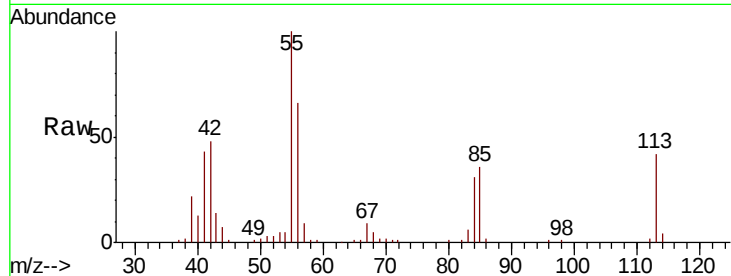




#35
 Caprolactam
 Concen: 38.204 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

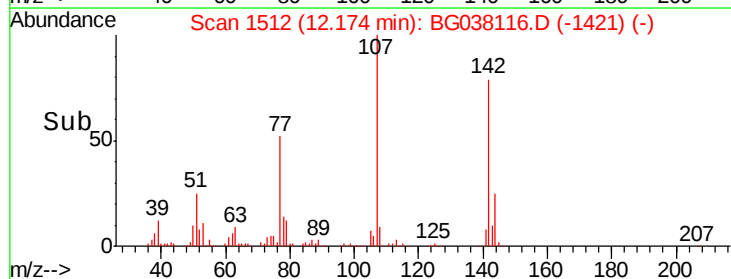
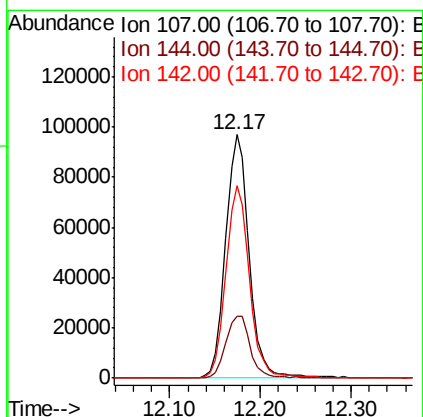
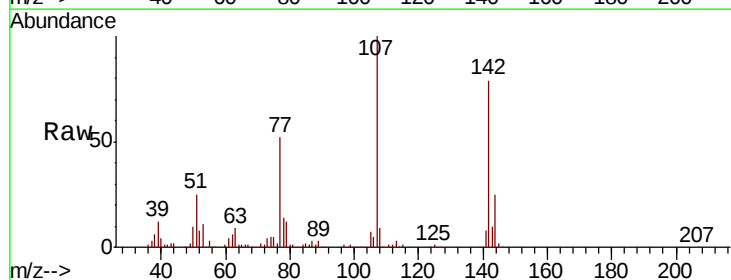
Instrument :
 BNA_F
 ClientSampleId :

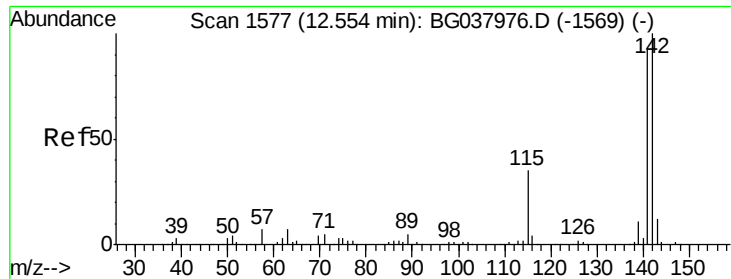
Tot Ion:113 Resp: 59891
 Ion Ratio Lower Upper
 113 100
 55 236.5 176.6 216.6#
 56 156.2 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.783 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion:107 Resp: 174502
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.7 31.1
 142 78.8 64.4 96.6

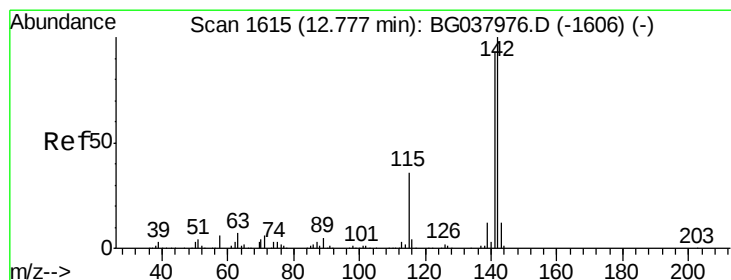
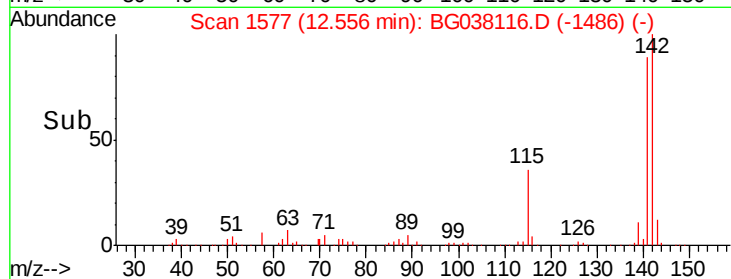
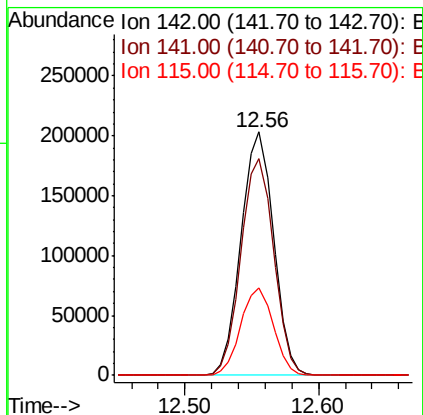
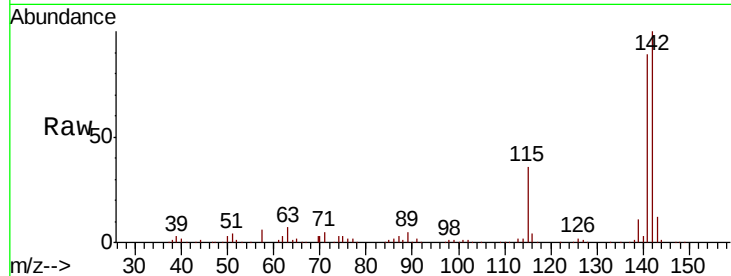




#37
 2-Methylnaphthalene
 Concen: 40.108 ng
 RT: 12.56 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

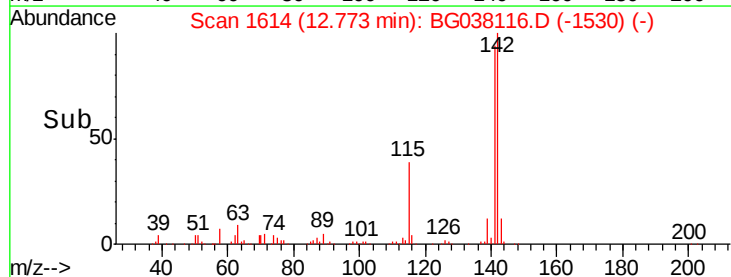
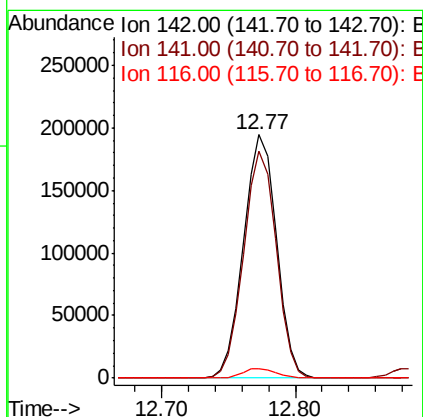
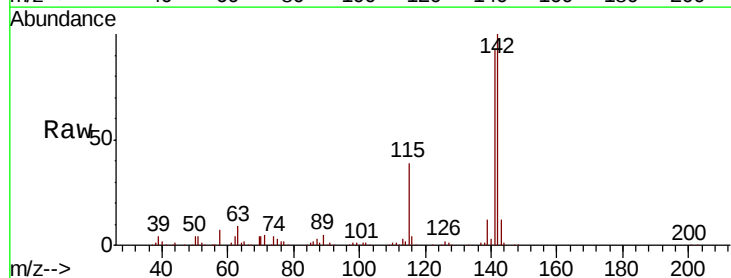
Instrument :
 BNA_F
 ClientSampleId :

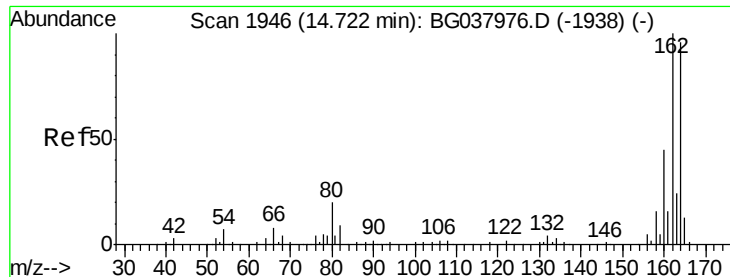
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	36.1	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 40.204 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	3.8	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: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

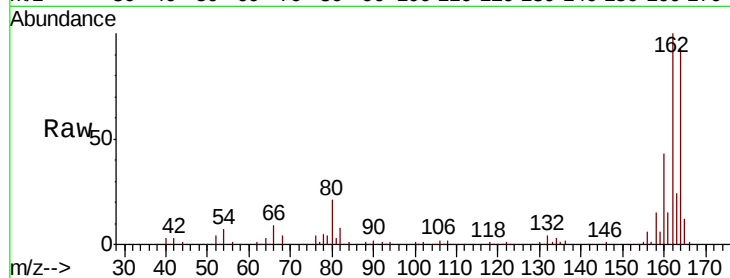
Tot Ion:164 Resp: 145996

Ion Ratio Lower Upper

164 100

162 107.4 81.3 121.9

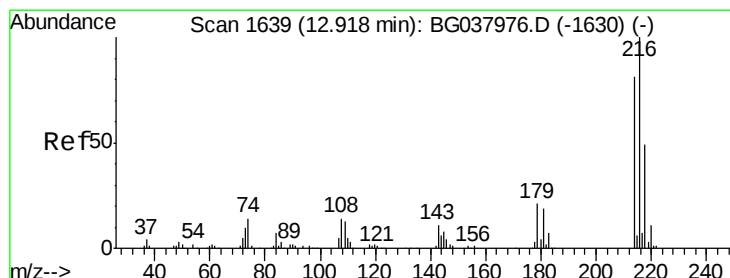
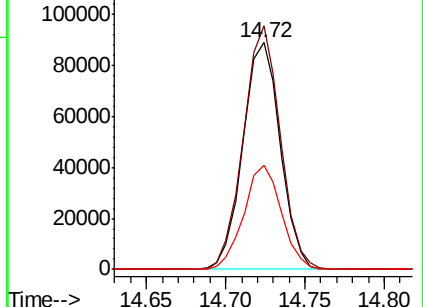
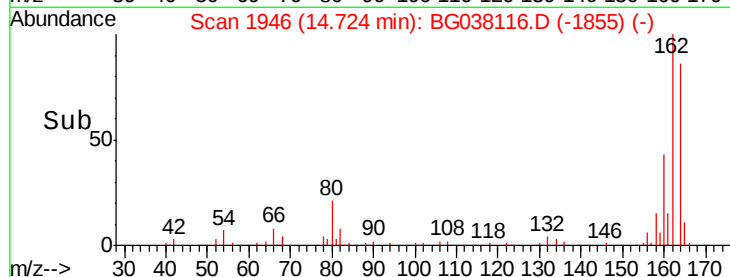
160 45.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.257 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Tgt Ion:216 Resp: 201273

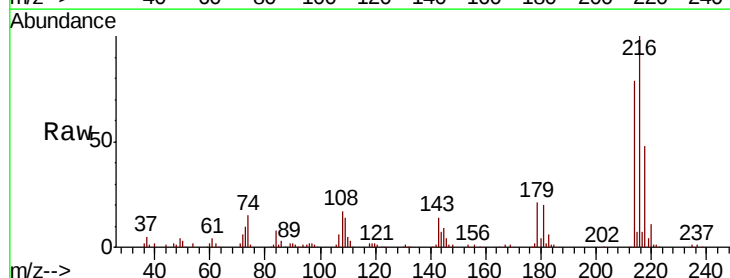
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 21.4 17.4 26.0

108 18.4 13.9 20.9

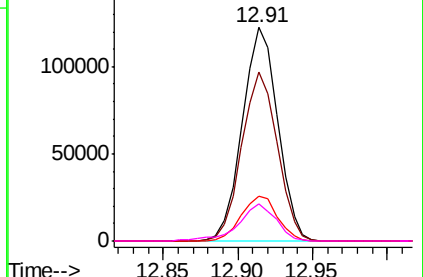
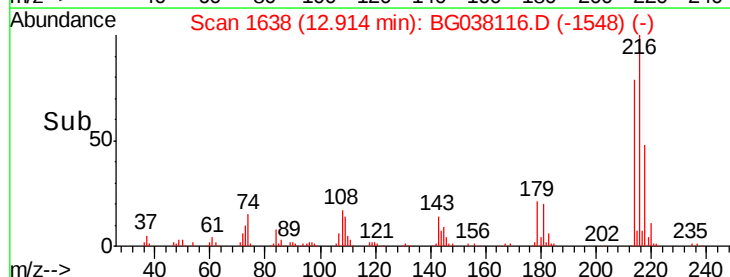


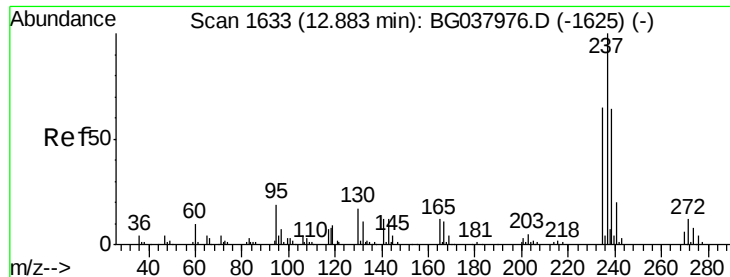
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.587 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

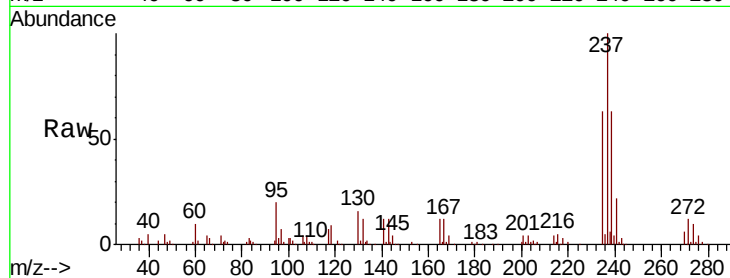
Tot Ion:237 Resp: 98190

Ion Ratio Lower Upper

237 100

235 62.7 42.5 82.5

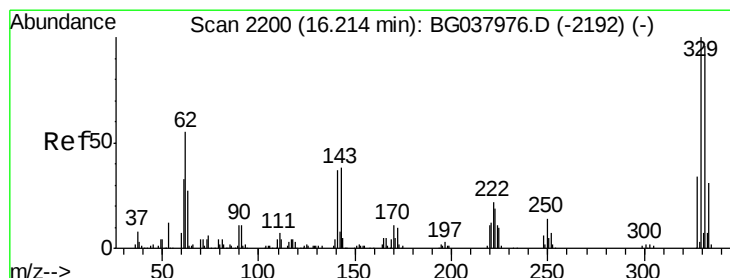
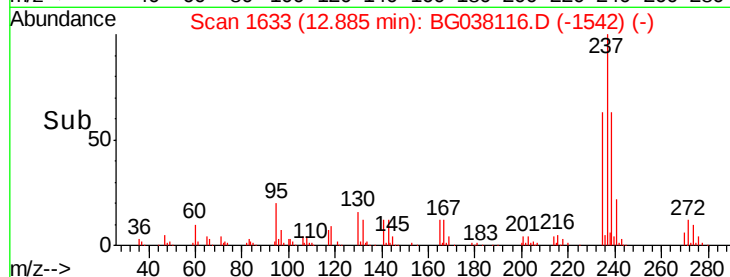
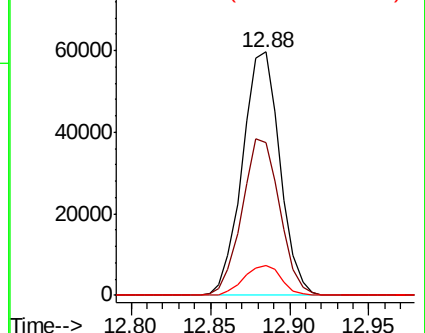
272 12.2 0.0 31.6



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: 77.747 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

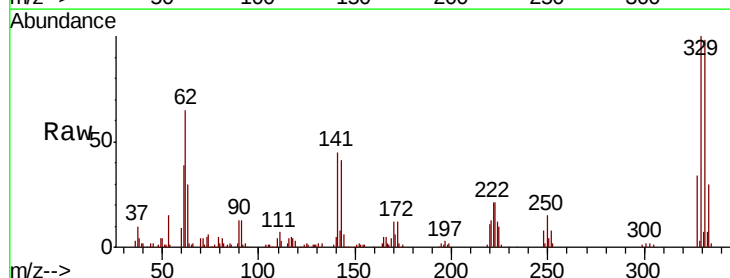
Tgt Ion:330 Resp: 129453

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

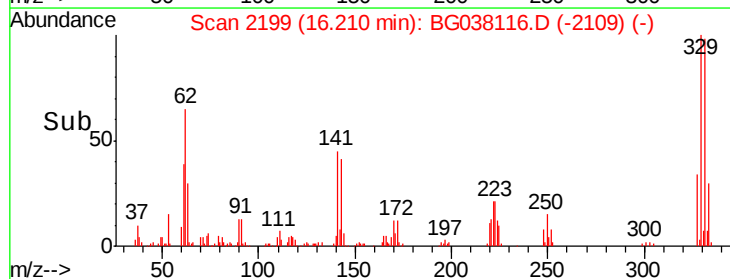
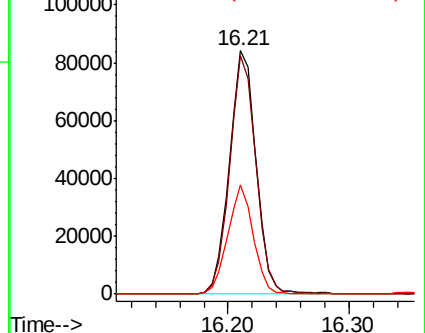
141 42.3 32.2 48.2

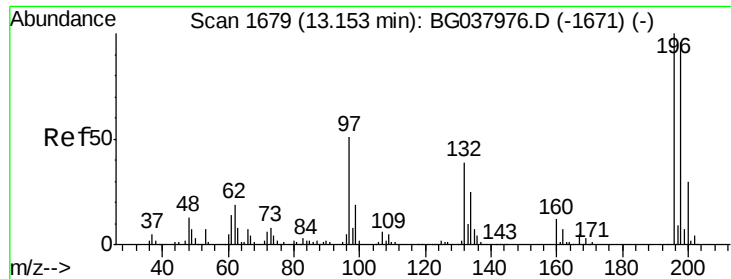


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

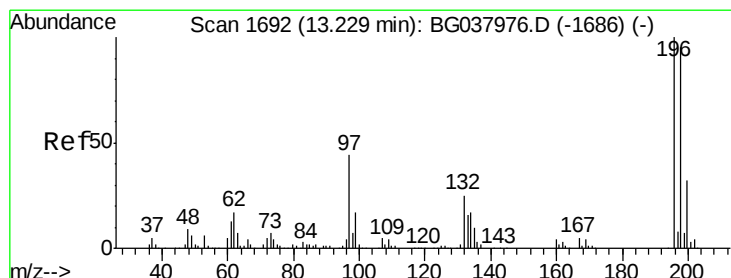
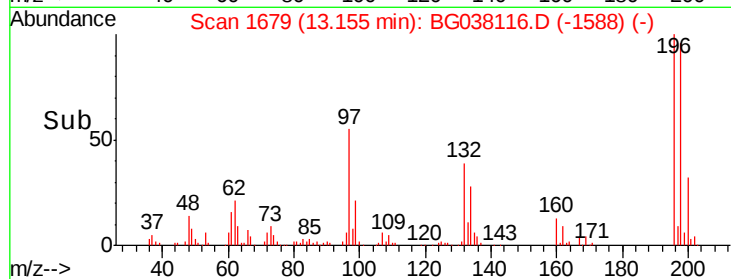
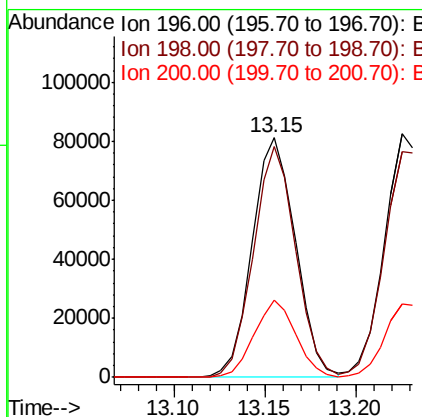
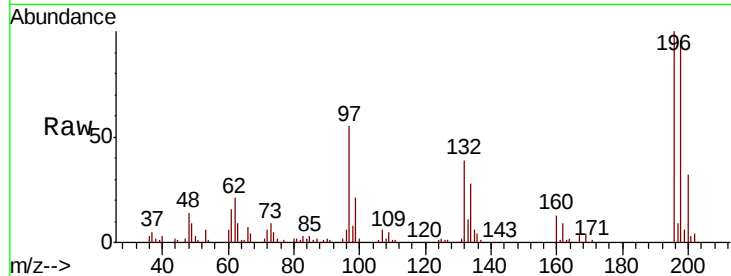




#43
 2,4,6-Trichlorophenol
 Concen: 40.486 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

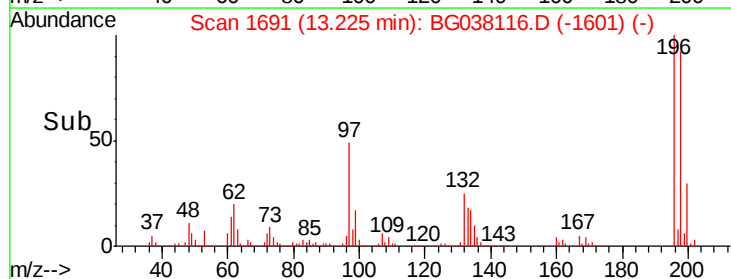
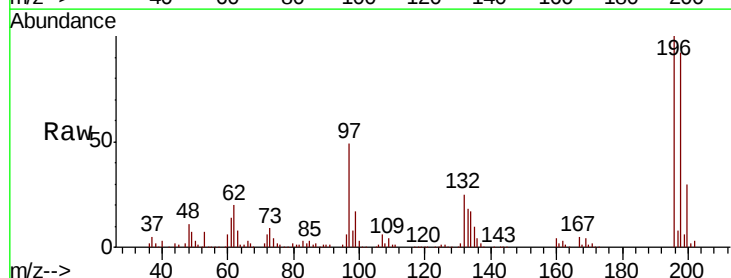
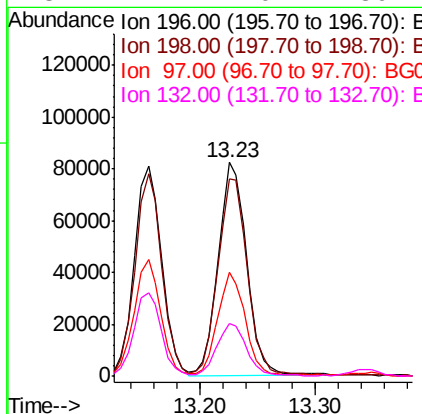
Instrument :
 BNA_F
 ClientSampleId :

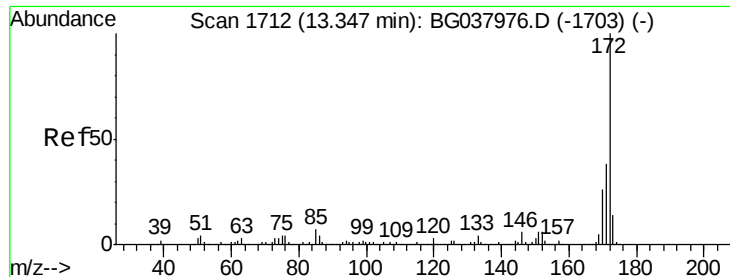
Tot Ion	196	Resp	134590
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.4	114.6
200	32.4	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.167 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion	196	Resp	140501
Ion Ratio	Lower	Upper	
196	100		
198	92.5	74.2	111.2
97	48.7	34.1	51.1
132	24.7	20.2	30.4

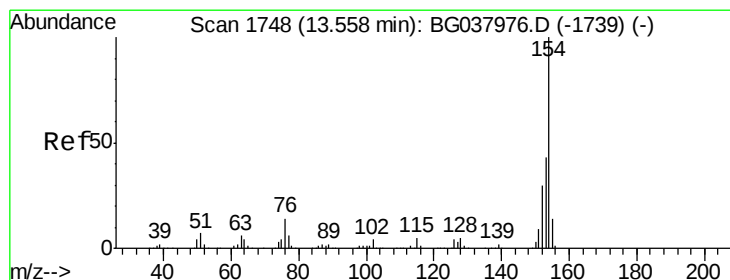
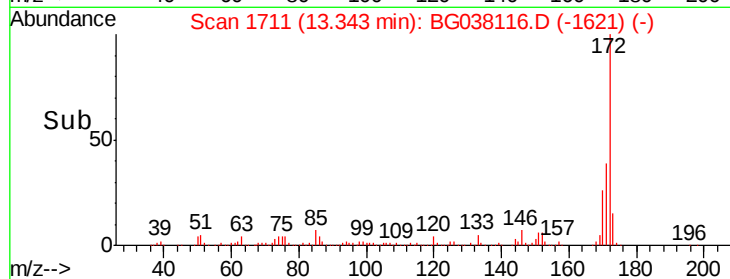
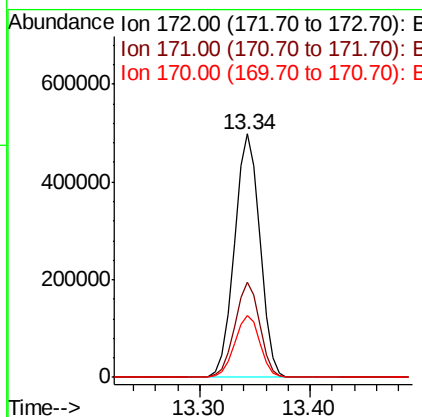
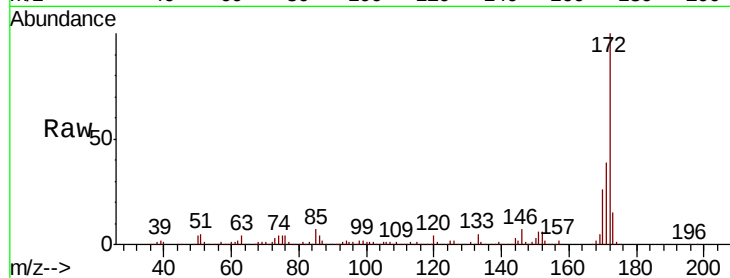




#45
2-Fluorobiphenyl
Concen: 80.525 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

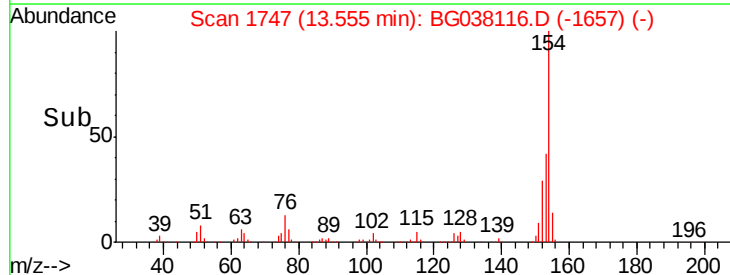
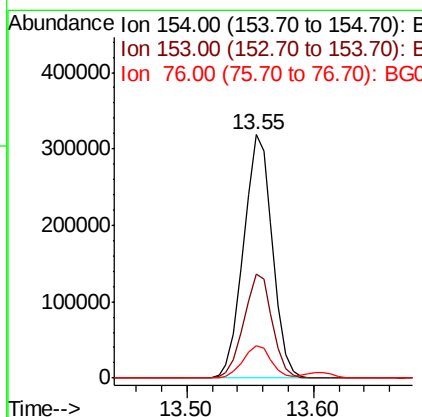
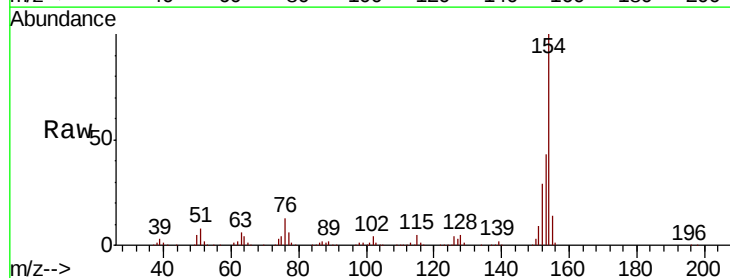
Instrument :
BNA_F
ClientSampleId :

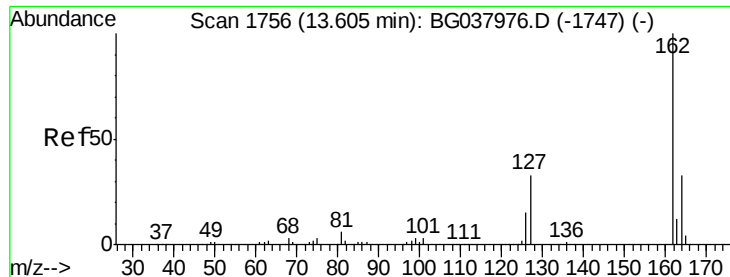
Tot Ion:172 Resp: 806968
Ion Ratio Lower Upper
172 100
171 39.3 31.0 46.4
170 25.6 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.758 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:154 Resp: 499903
Ion Ratio Lower Upper
154 100
153 42.6 22.1 62.1
76 13.4 0.0 33.2

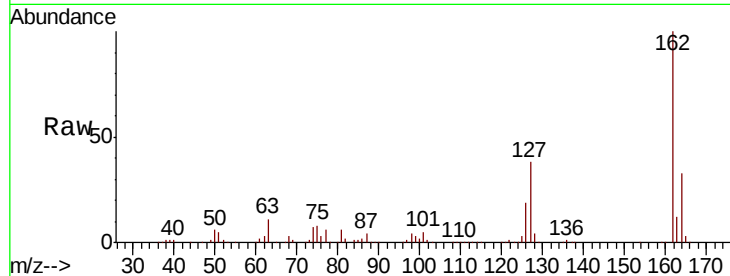




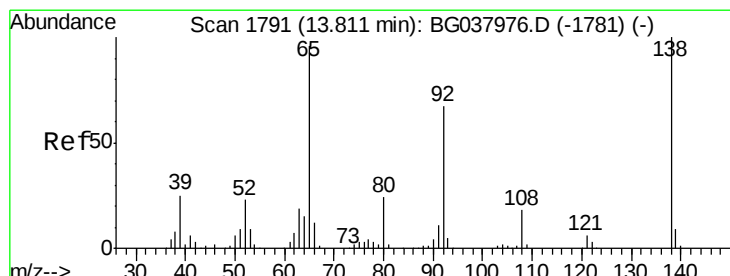
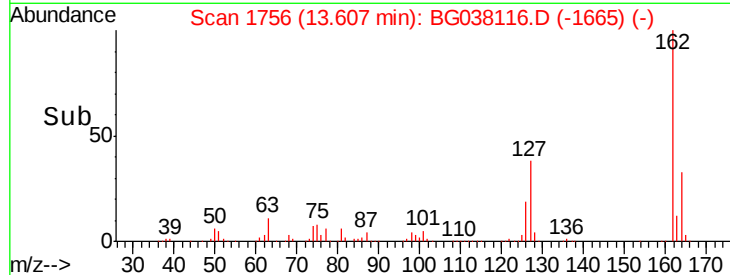
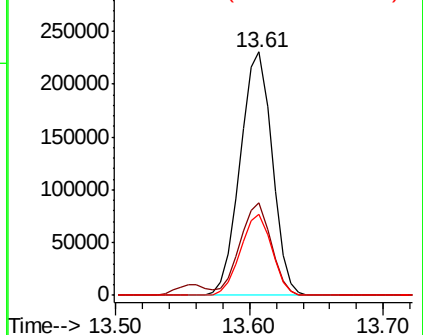
#47
 2-Chloronaphthalene
 Concen: 40.784 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 381713
 Ion Ratio Lower Upper
 162 100
 127 38.0 30.5 45.7
 164 33.1 26.4 39.6

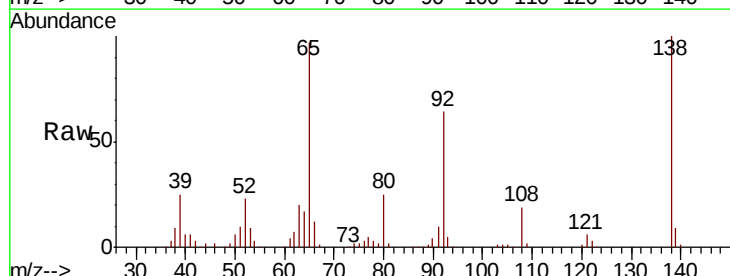


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

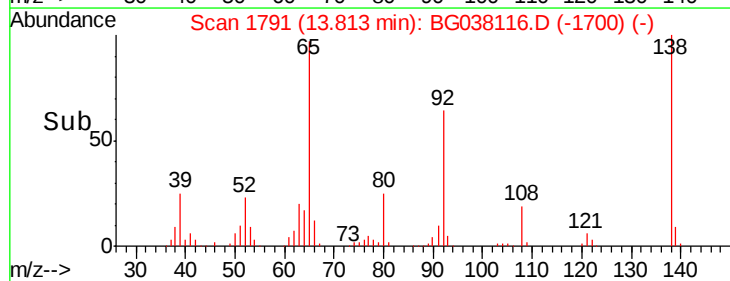
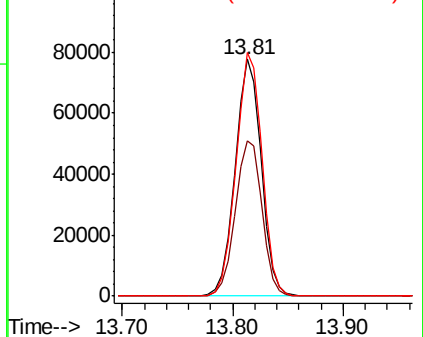


#48
 2-Nitroaniline
 Concen: 43.813 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion: 65 Resp: 129059
 Ion Ratio Lower Upper
 65 100
 92 65.7 53.2 79.8
 138 102.7 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: 40.651 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

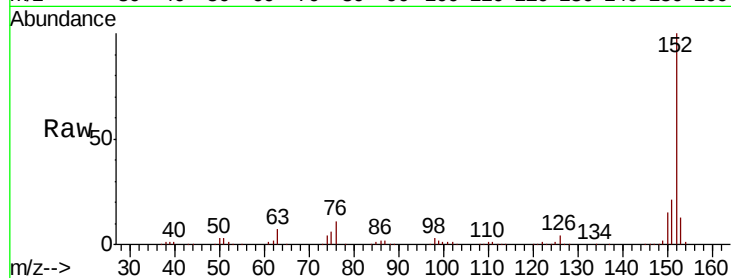
Tot Ion:152 Resp: 572144

Ion Ratio Lower Upper

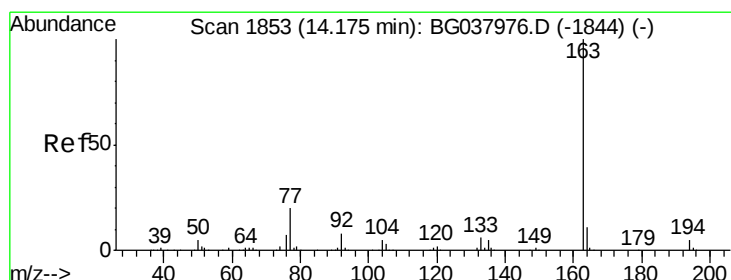
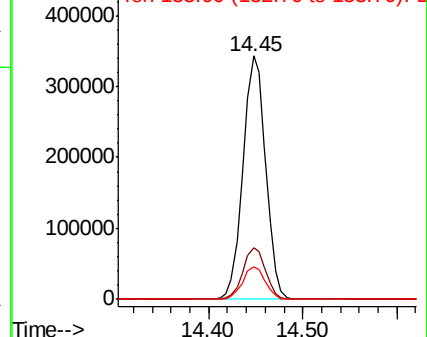
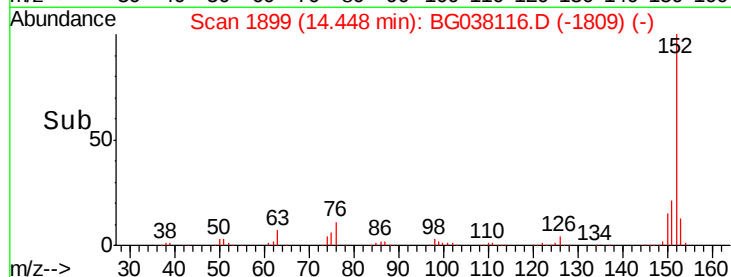
152 100

151 21.4 17.1 25.7

153 13.4 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: 39.915 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

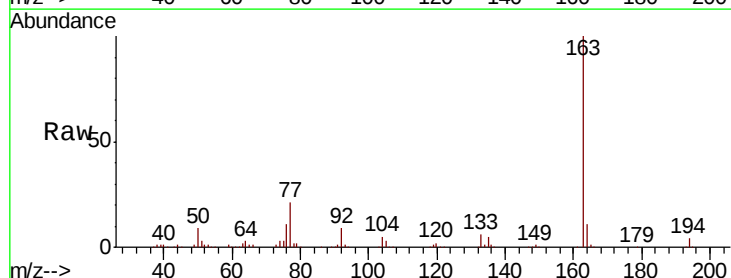
Tgt Ion:163 Resp: 461980

Ion Ratio Lower Upper

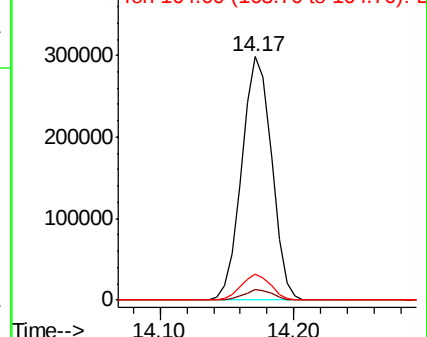
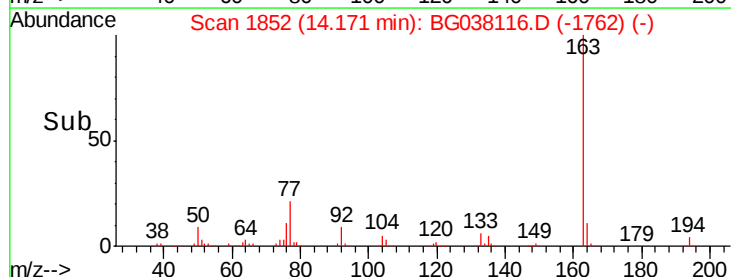
163 100

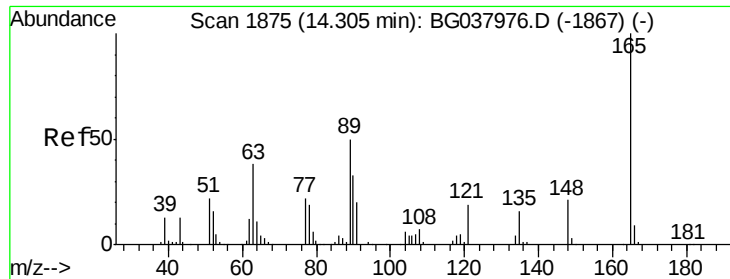
194 4.4 3.5 5.3

164 10.8 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

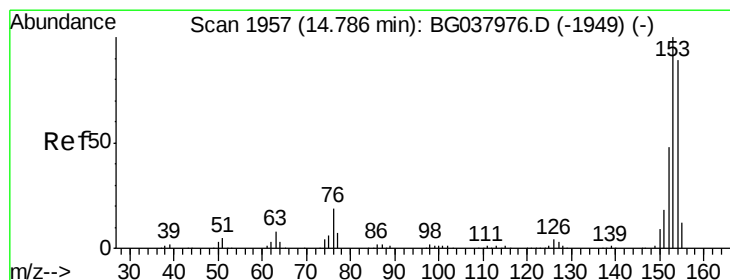
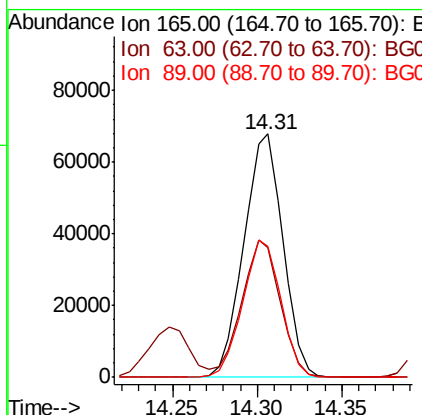
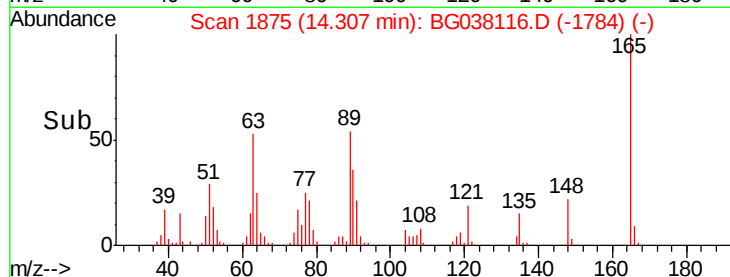
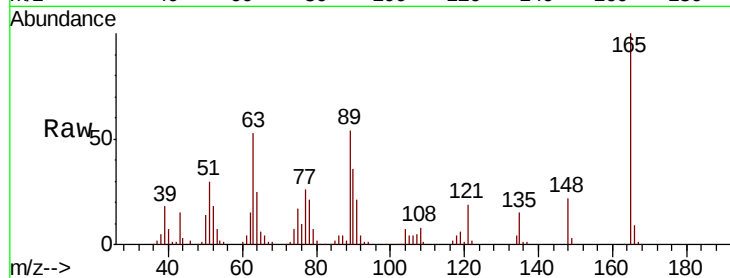




#51
 2,6-Dinitrotoluene
 Concen: 41.516 ng
 RT: 14.31 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

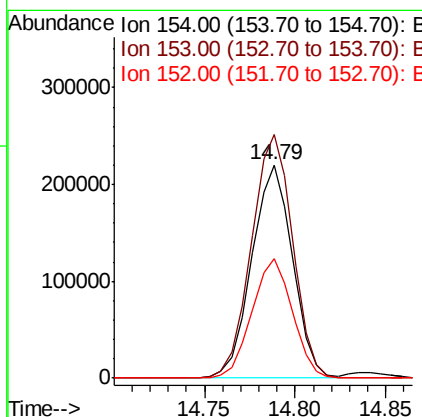
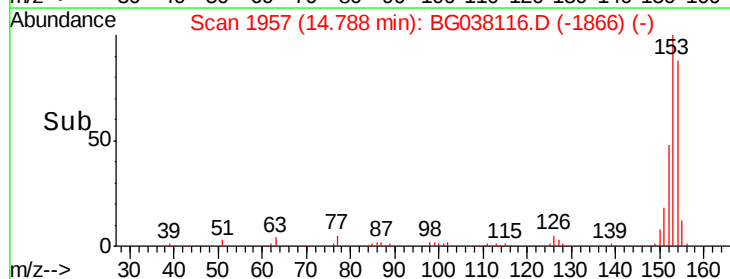
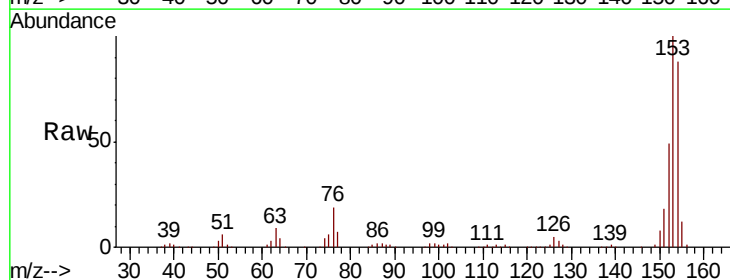
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.2	43.4	65.2
89	53.9	45.8	68.6



#52
 Acenaphthene
 Concen: 40.520 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	93.4	140.0
152	55.9	44.7	67.1

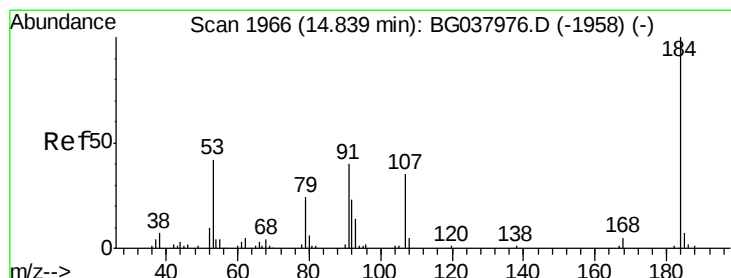
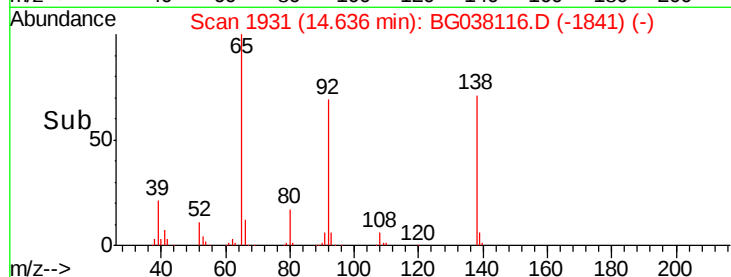
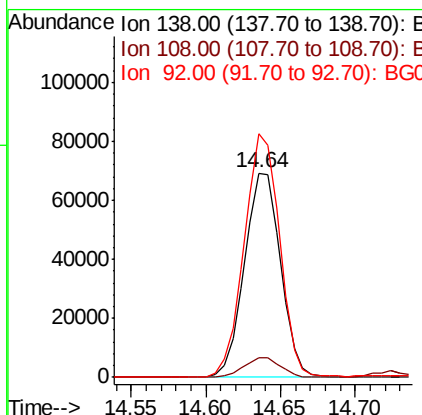
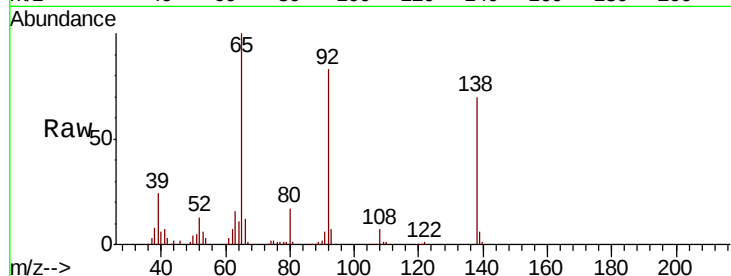




#53
3-Nitroaniline
Concen: 40.057 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

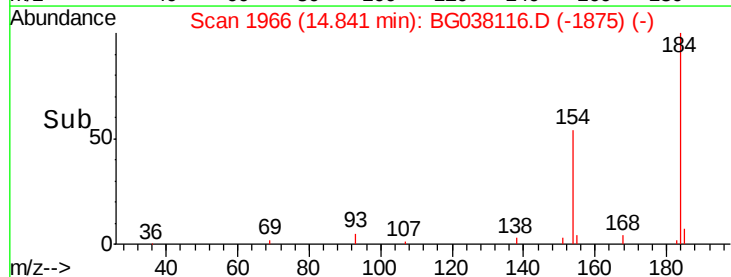
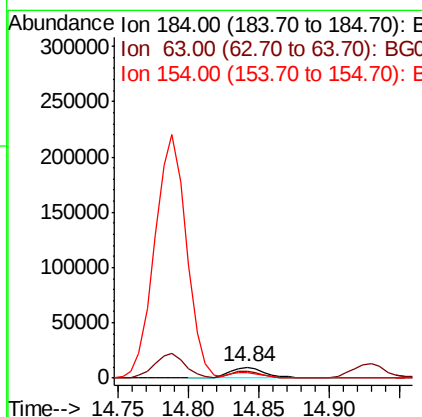
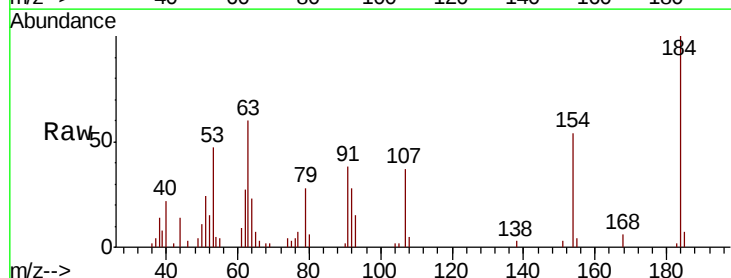
Instrument :
BNA_F
ClientSampled :

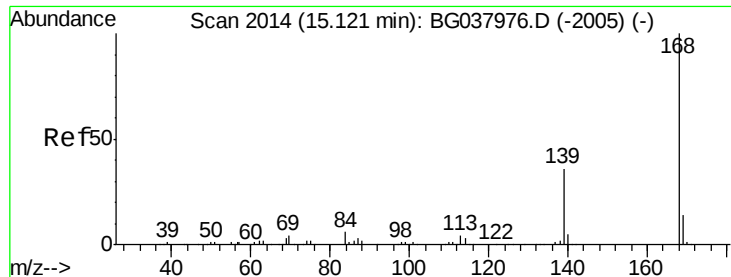
Tot Ion:138 Resp: 115788
Ion Ratio Lower Upper
138 100
108 9.7 11.0 16.6#
92 119.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 20.433 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:184 Resp: 17831
Ion Ratio Lower Upper
184 100
63 60.1 42.6 63.8
154 54.5 41.8 62.6

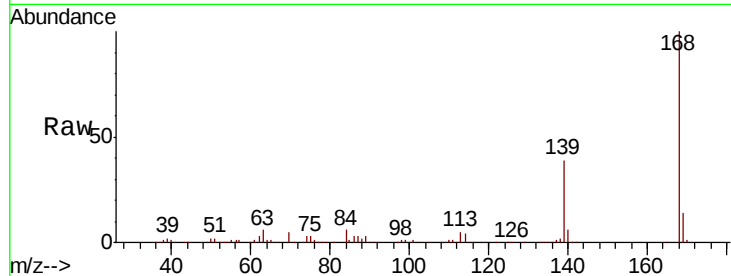




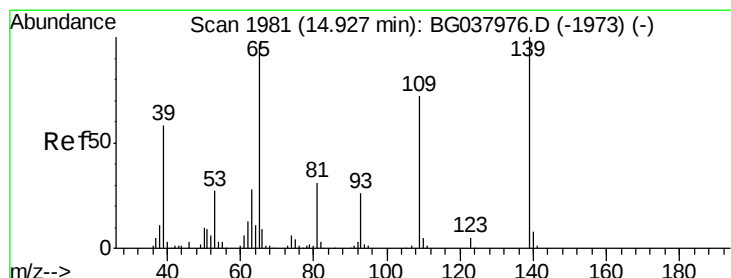
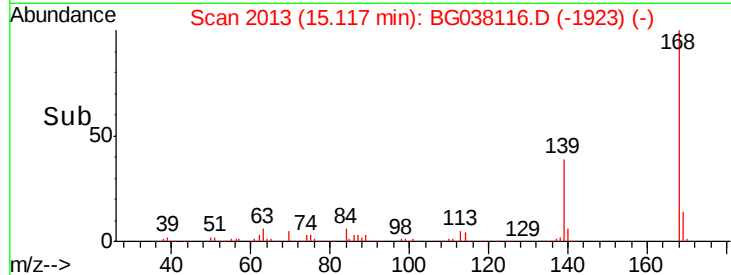
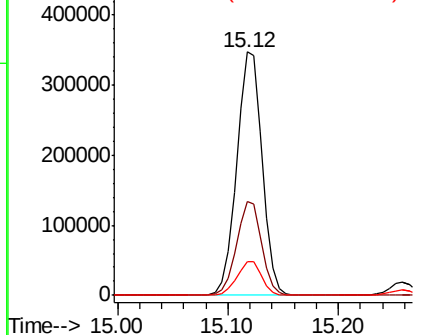
#55
Dibenzofuran
Concen: 39.903 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 559074
Ion Ratio Lower Upper
168 100
139 38.6 29.4 44.0
169 13.9 11.0 16.6

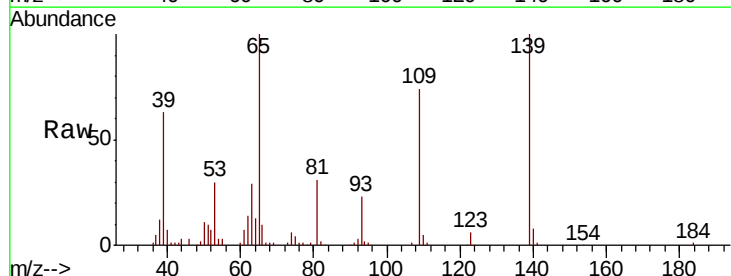


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

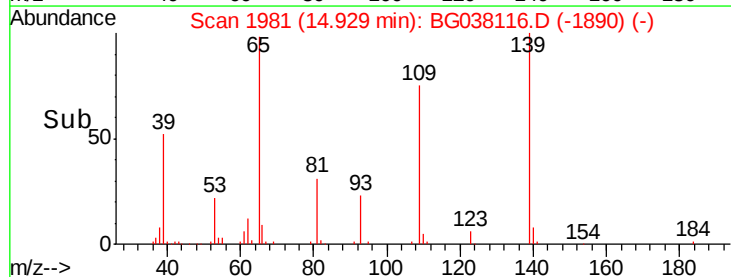
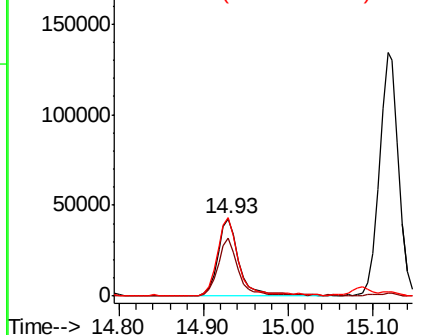


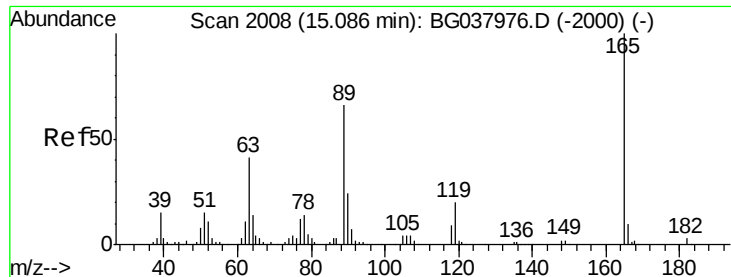
#56
4-Nitrophenol
Concen: 34.297 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:139 Resp: 76461
Ion Ratio Lower Upper
139 100
109 74.6 49.5 89.5
65 100.4 76.8 116.8



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

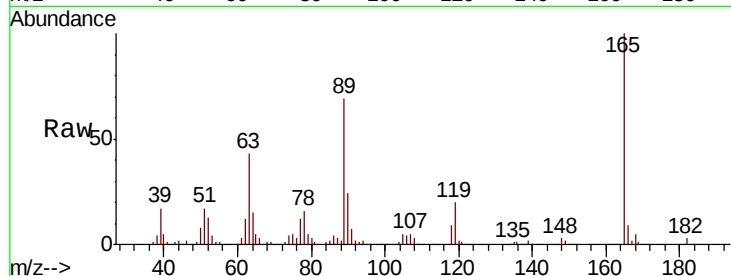




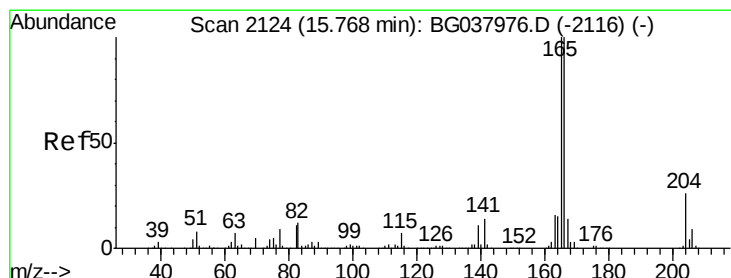
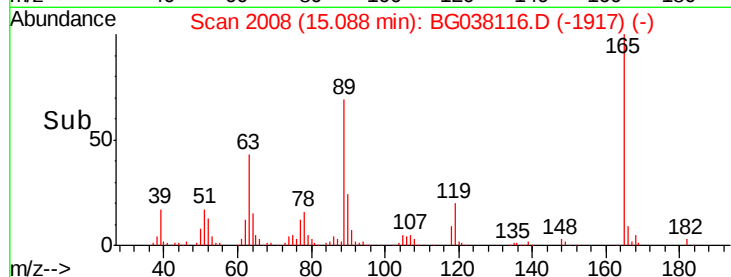
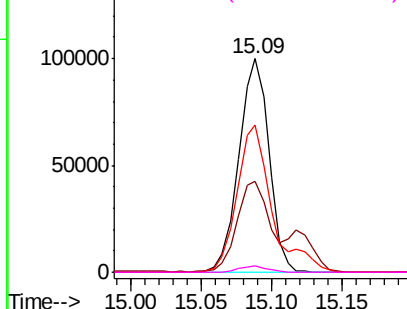
#57
 2,4-Dinitrotoluene
 Concen: 41.706 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	148646
Ion Ratio	Lower	Upper
165	100	
63	42.6	33.4 50.0
89	69.1	57.2 85.8
182	2.9	2.6 4.0

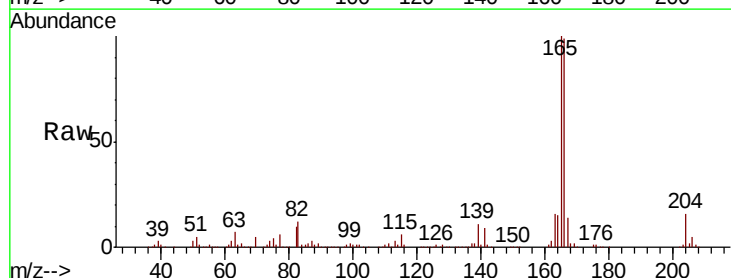


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

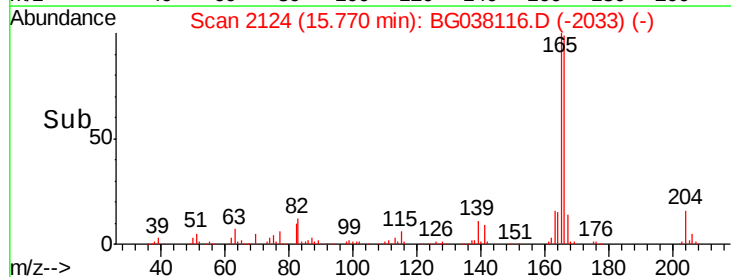
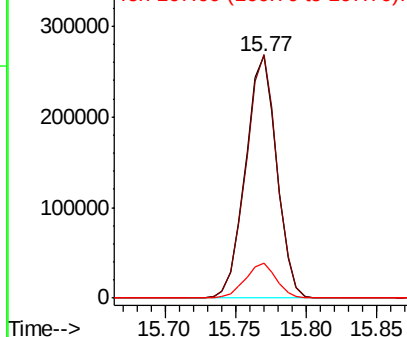


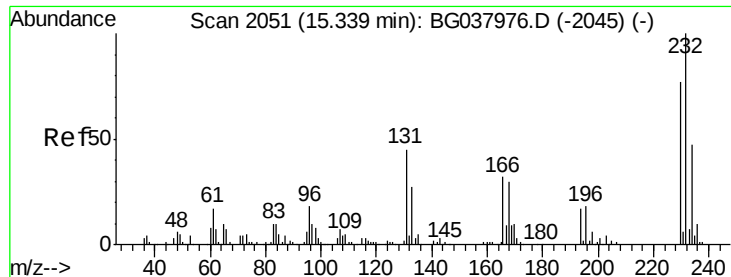
#58
 Fluorene
 Concen: 39.630 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion:166	Resp:	414279
Ion Ratio	Lower	Upper
166	100	
165	100.5	79.0 118.6
167	14.3	11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

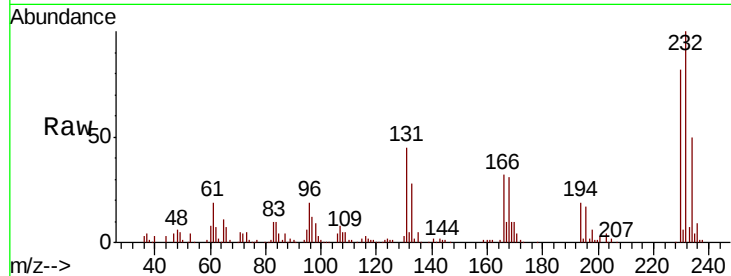




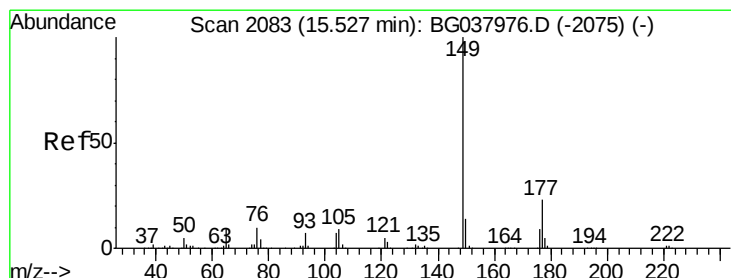
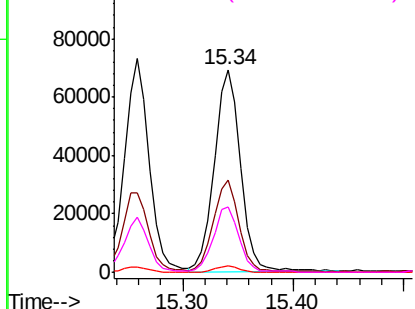
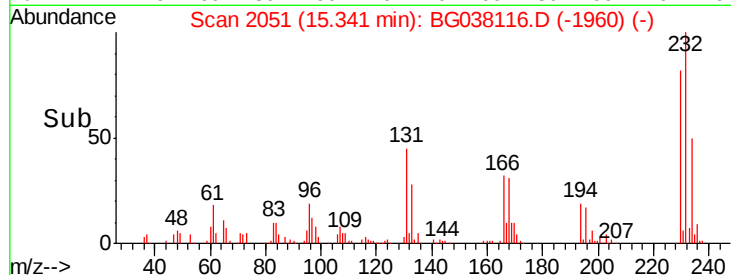
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.713 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 113311
 Ion Ratio Lower Upper
 232 100
 131 44.0 33.7 50.5
 130 2.6 2.1 3.1
 166 32.1 24.6 36.8

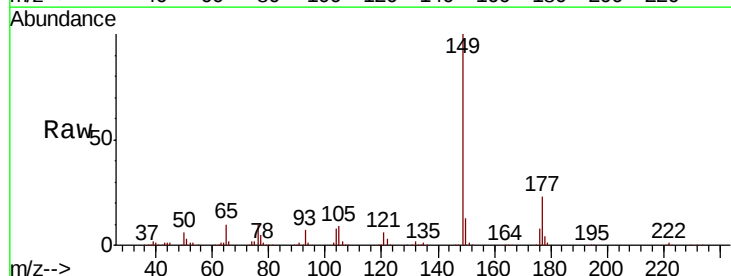


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

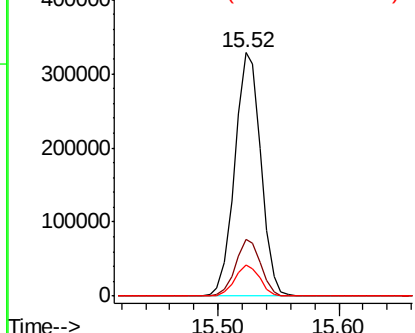
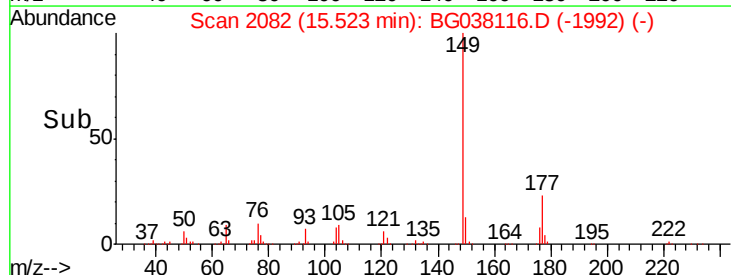


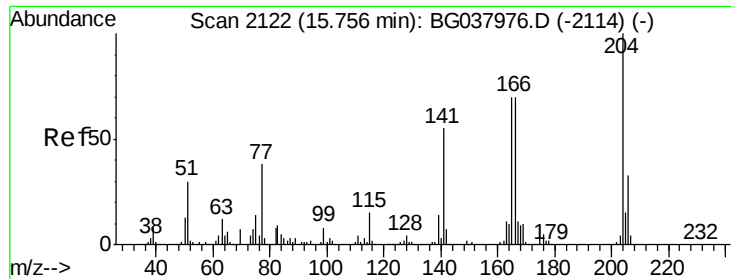
#60
 Diethylphthalate
 Concen: 40.058 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion:149 Resp: 492454
 Ion Ratio Lower Upper
 149 100
 177 23.3 18.3 27.5
 150 12.7 10.0 15.0



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

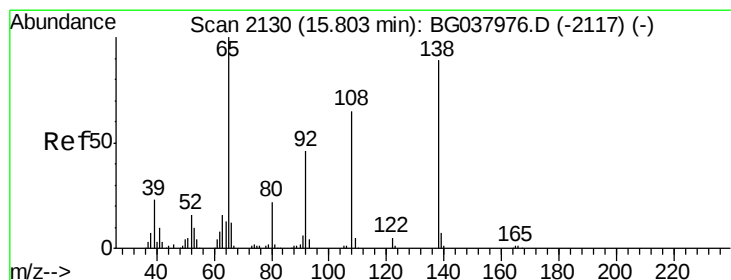
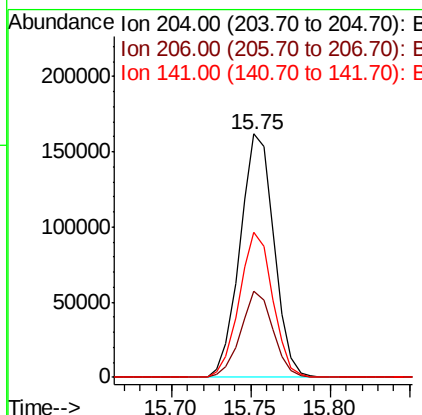
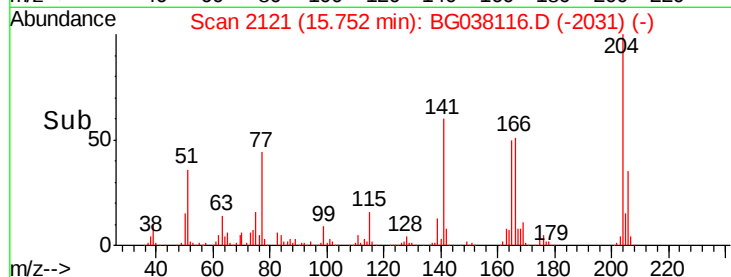
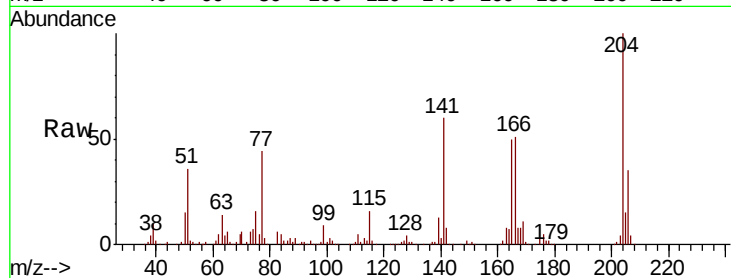




#61
4-Chlorophenyl-phenylether
Concen: 39.266 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

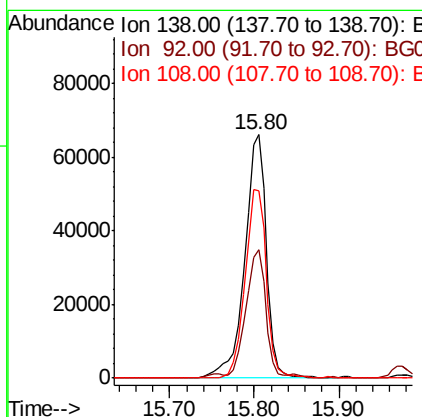
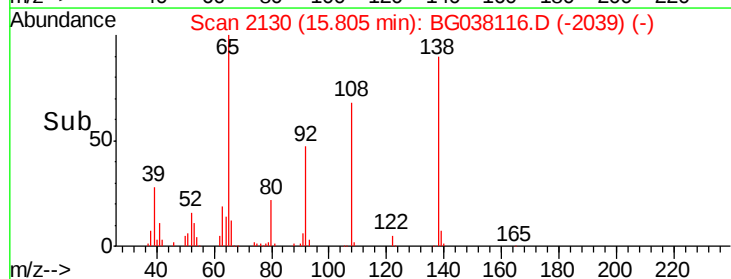
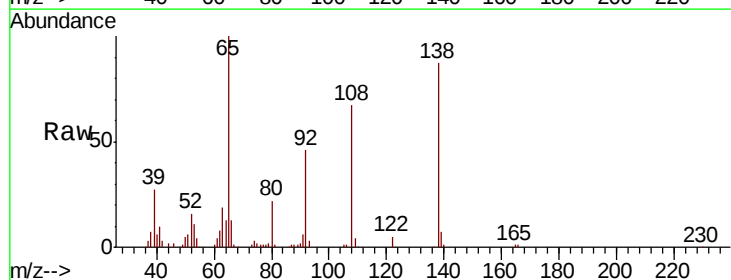
Instrument :
BNA_F
ClientSampled :

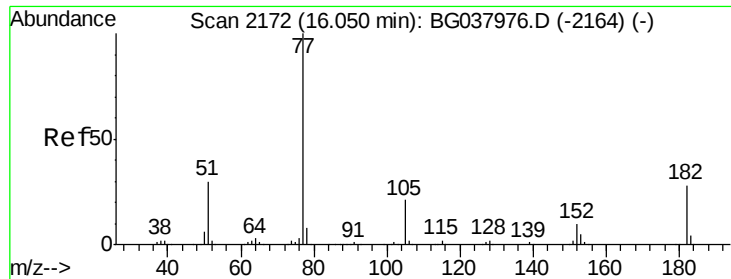
Tot Ion:204 Resp: 240184
Ion Ratio Lower Upper
204 100
206 35.2 26.6 39.8
141 59.5 45.4 68.2



#62
4-Nitroaniline
Concen: 41.049 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:138 Resp: 117873
Ion Ratio Lower Upper
138 100
92 52.5 36.4 76.4
108 76.7 60.1 100.1

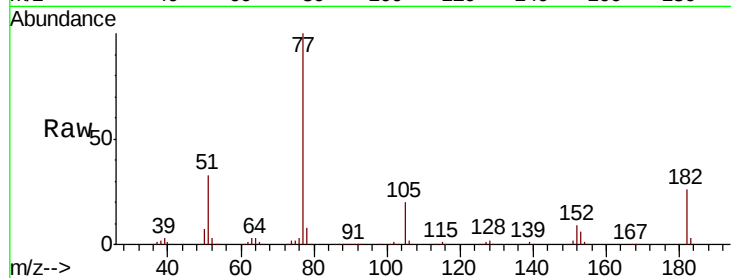




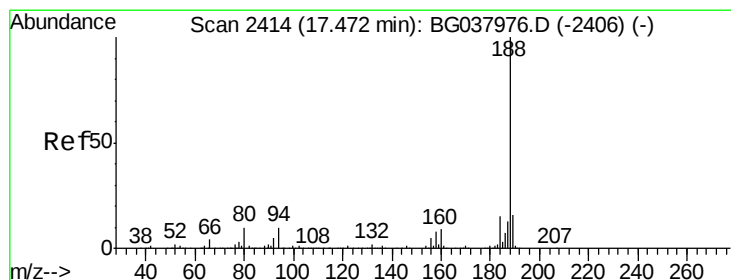
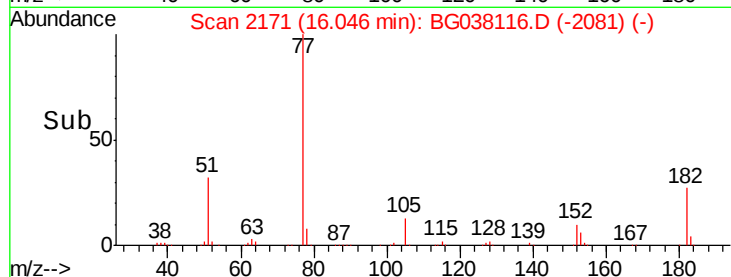
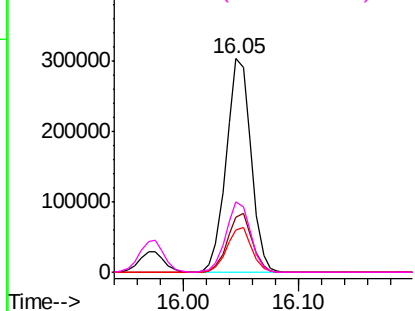
#63
Azobenzene
Concen: 40.941 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 450011
Ion Ratio Lower Upper
77 100
182 25.5 8.0 48.0
105 20.0 1.3 41.3
51 33.3 10.7 50.7

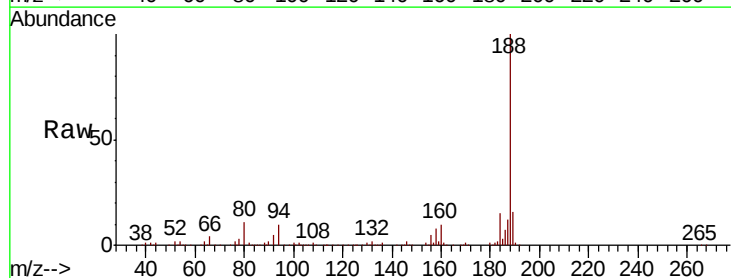


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

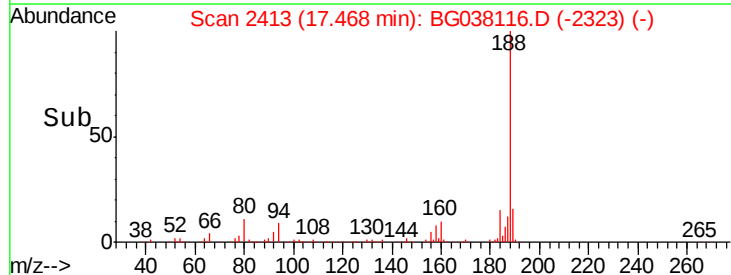
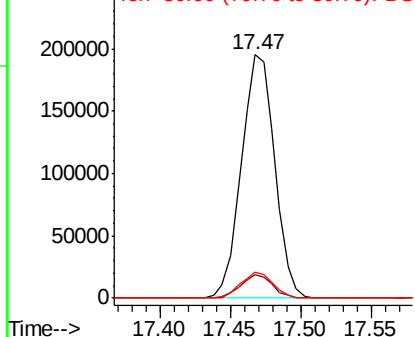


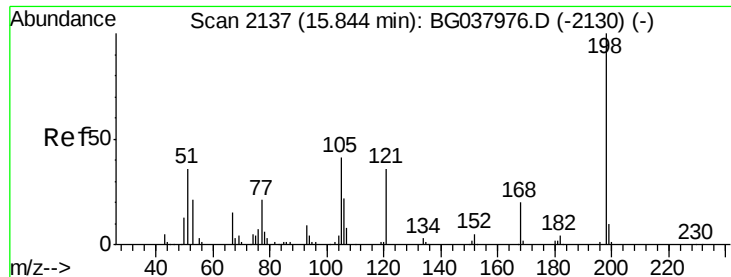
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion: 188 Resp: 322140
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.9 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: 22.752 ng

RT: 15.85 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampled :

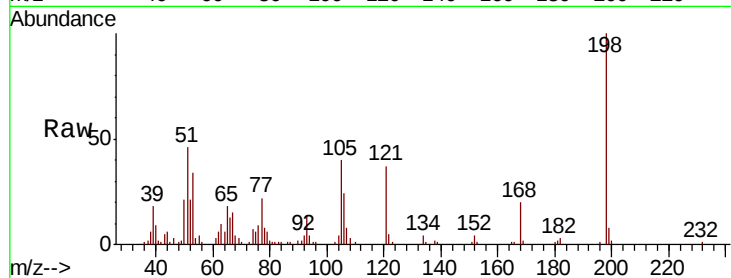
Tot Ion:198 Resp: 46358

Ion Ratio Lower Upper

198 100

51 46.1 22.7 62.7

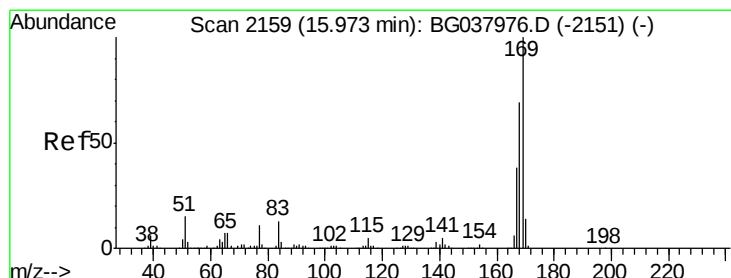
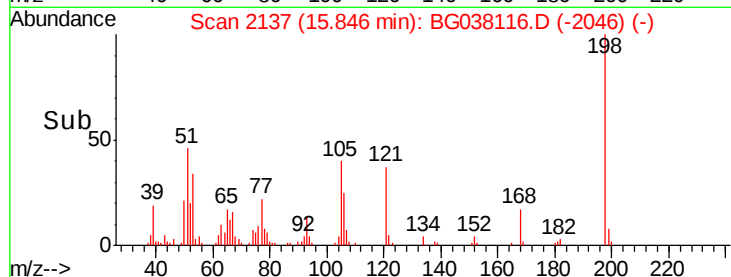
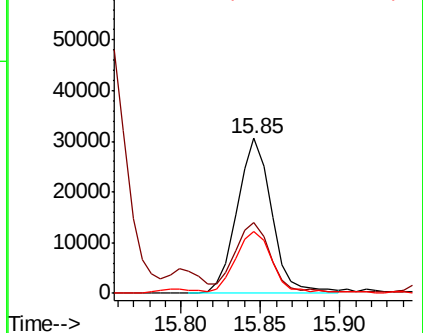
105 39.8 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037976.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.523 ng

RT: 15.98 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

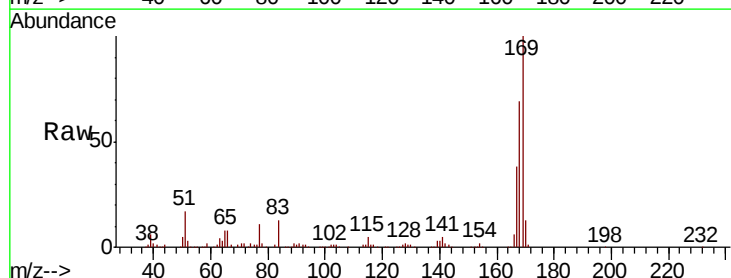
Tgt Ion:169 Resp: 404672

Ion Ratio Lower Upper

169 100

168 68.6 55.7 83.5

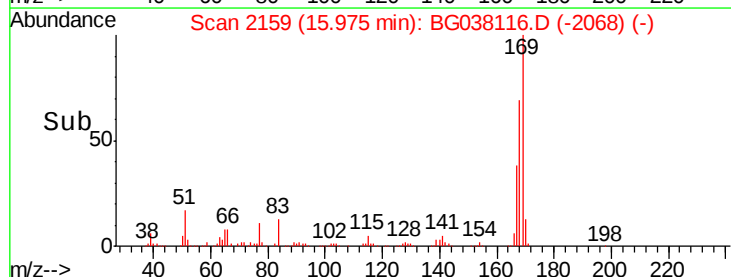
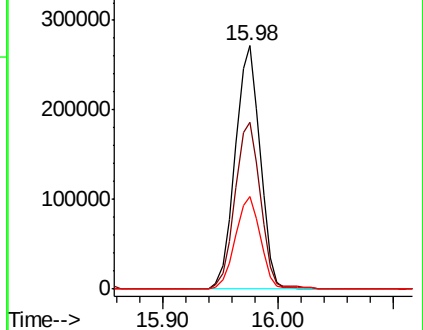
167 38.0 31.3 46.9

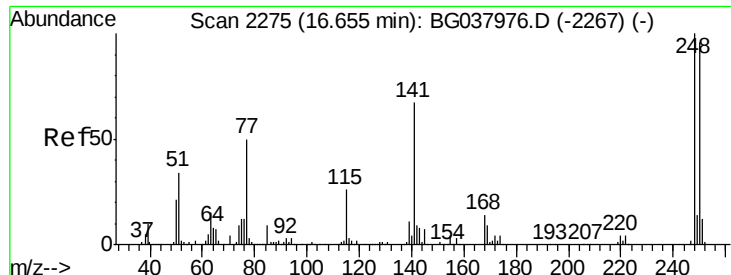


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

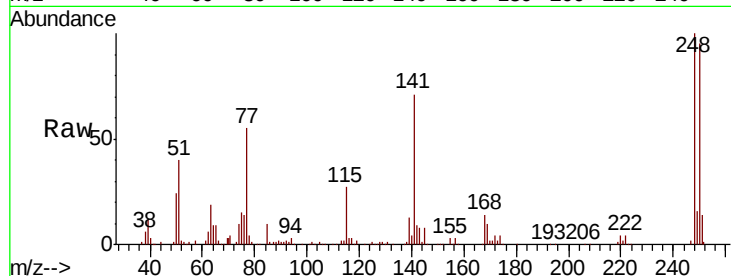




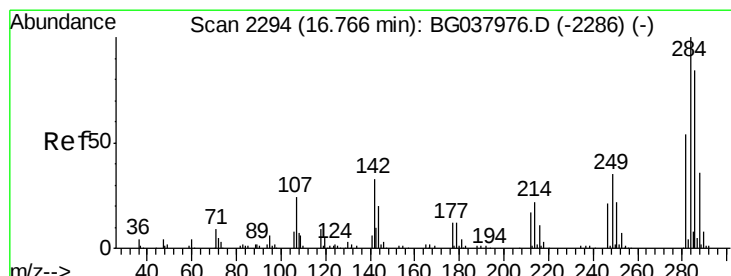
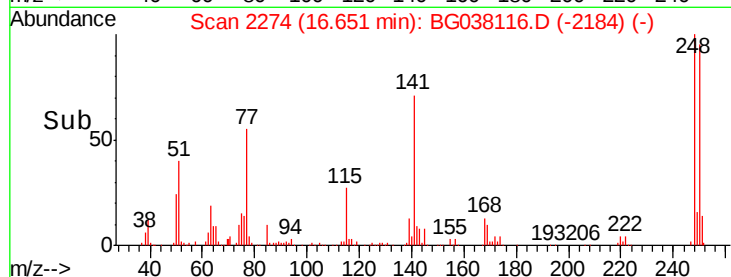
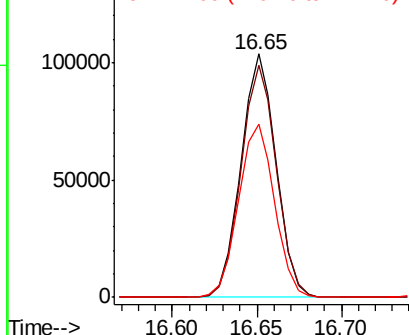
#67
 4-Bromophenyl-phenylether
 Concen: 42.242 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.0	115.6
141	71.1	55.5	83.3

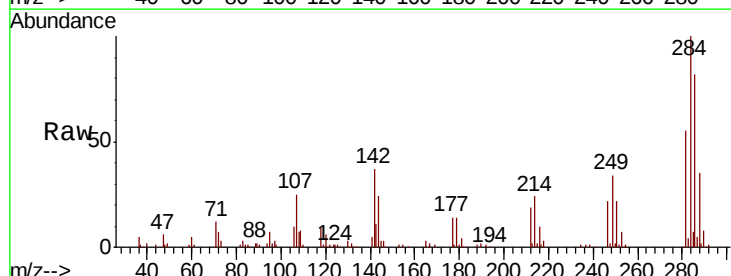


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

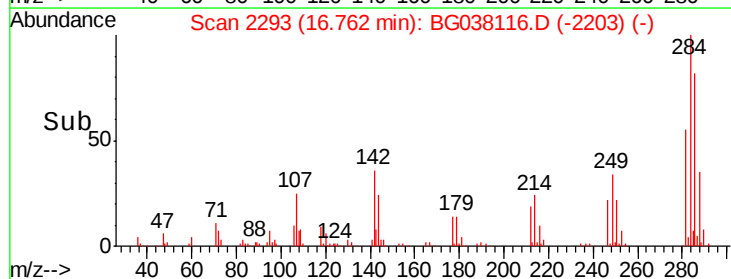
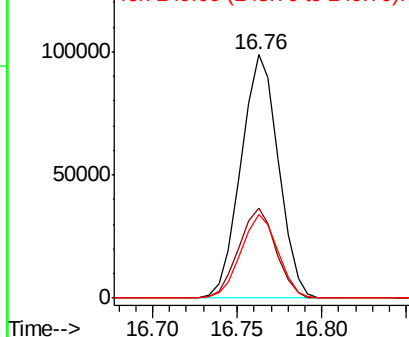


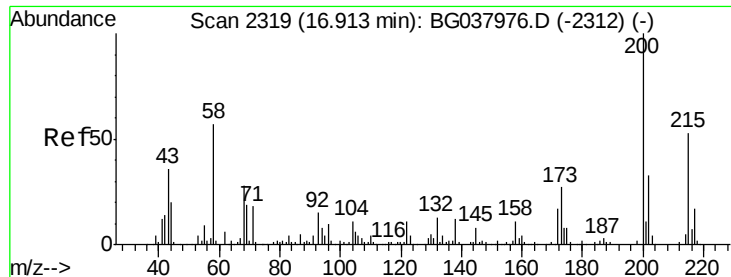
#68
 Hexachlorobenzene
 Concen: 41.871 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	28.1	42.1
249	36.9	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

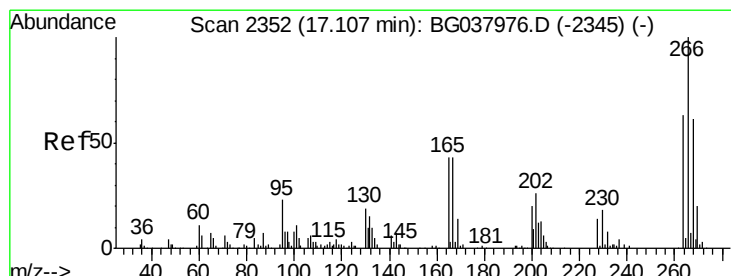
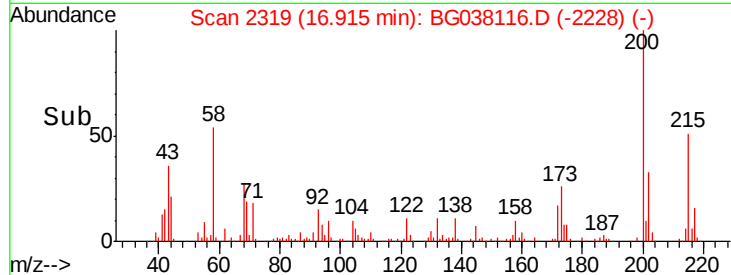
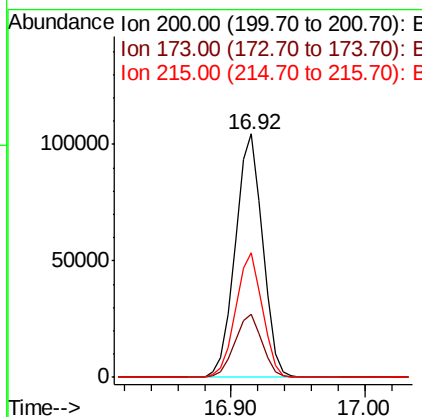
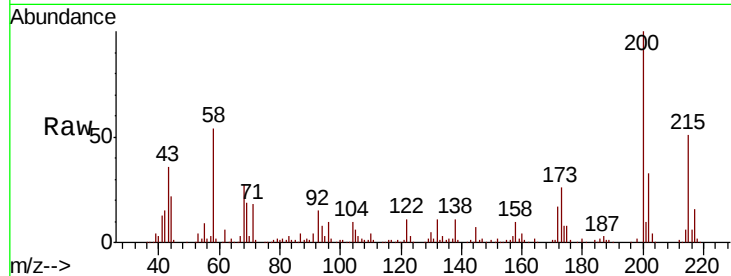




#69
 Atrazine
 Concen: 41.223 ng
 RT: 16.92 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

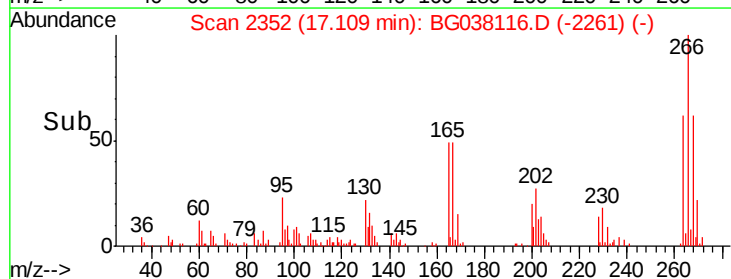
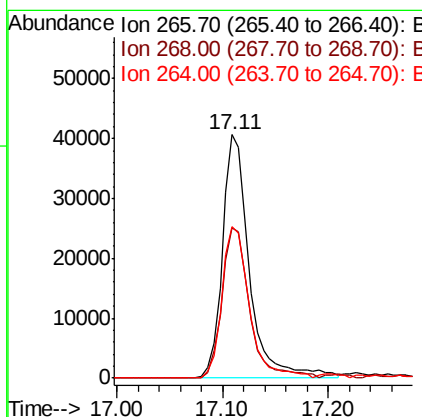
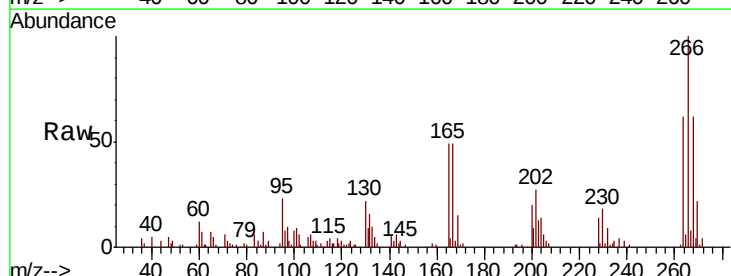
Instrument :
 BNA_F
 ClientSampleId :

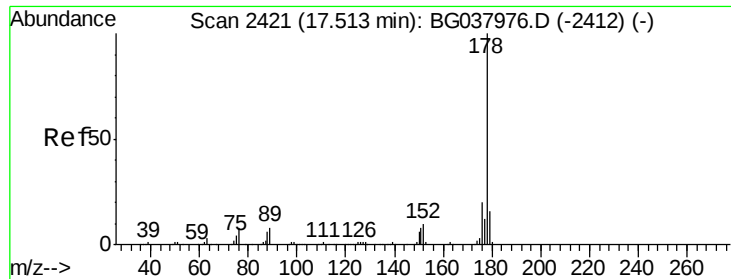
Tot Ion:200 Resp: 148097
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.1 46.1
 215 51.1 30.8 70.8



#70
 Pentachlorophenol
 Concen: 29.000 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion:266 Resp: 71881
 Ion Ratio Lower Upper
 266 100
 268 65.7 55.0 82.6
 264 68.4 58.9 88.3

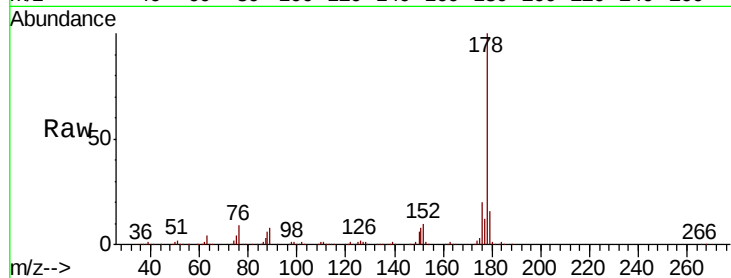




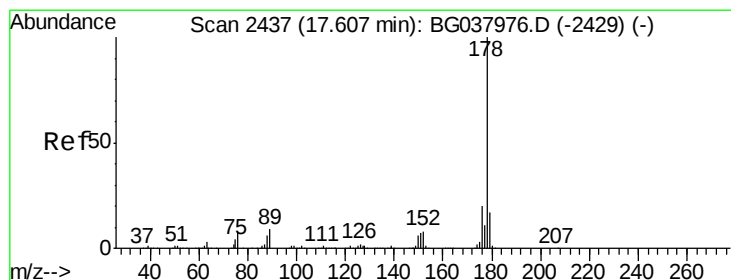
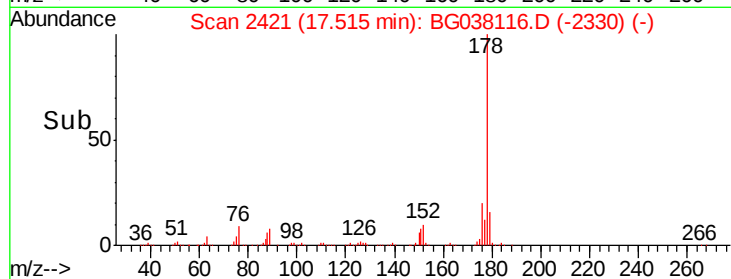
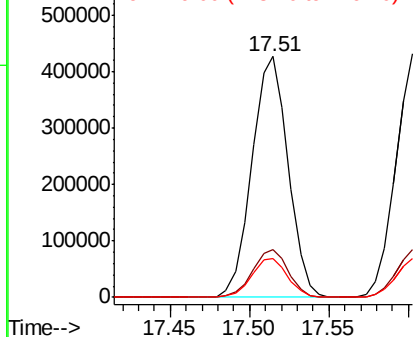
#71
Phenanthrene
Concen: 41.003 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 676263
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 16.0 13.0 19.4

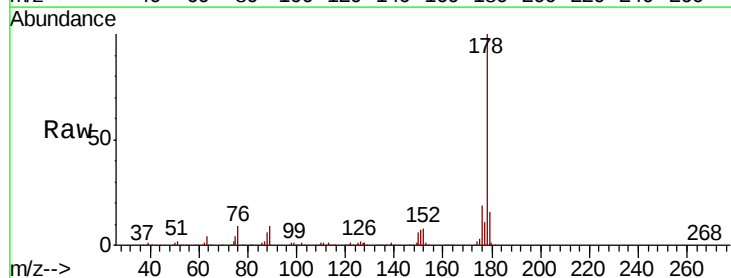


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

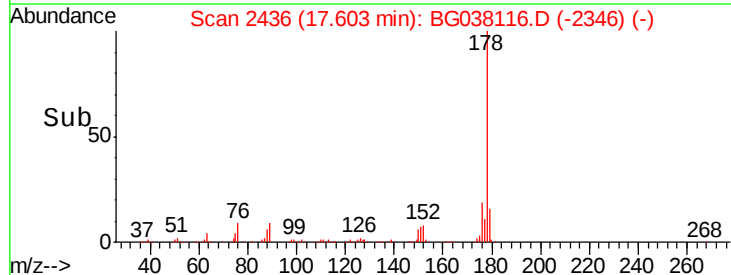
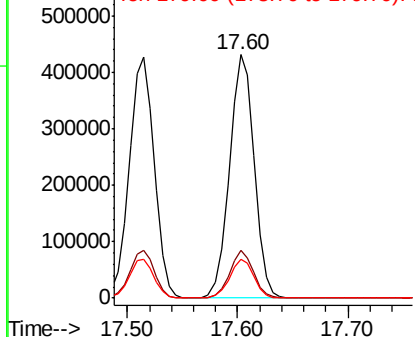


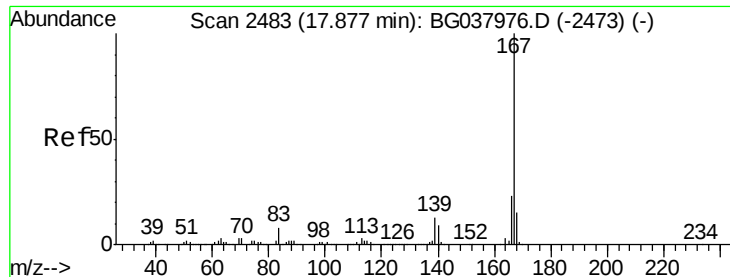
#72
Anthracene
Concen: 41.427 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:178 Resp: 673518
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.1 12.8 19.2



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

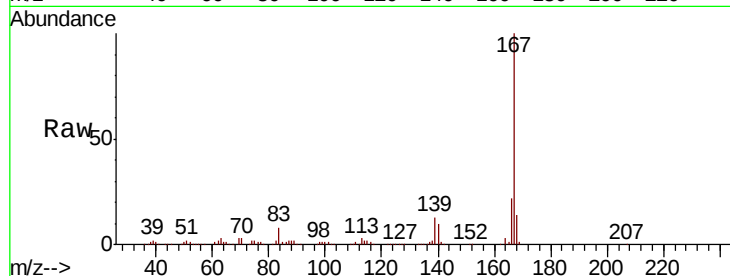




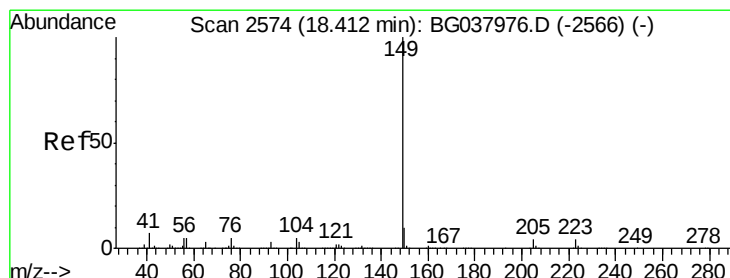
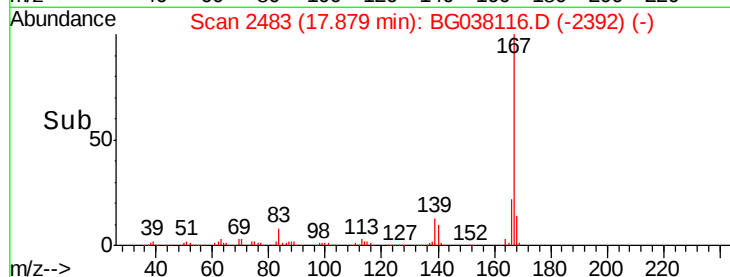
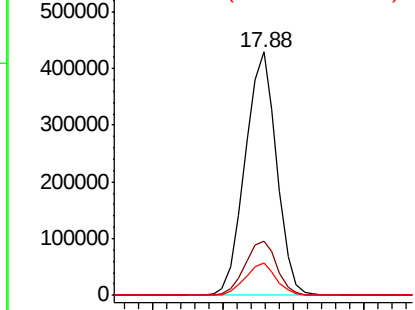
#73
 Carbazole
 Concen: 41.127 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 670842
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.3 27.5
 139 13.2 10.5 15.7

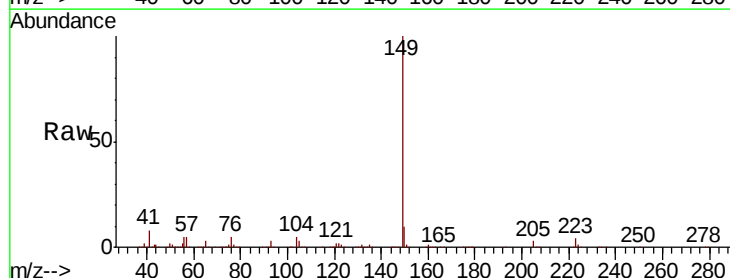


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

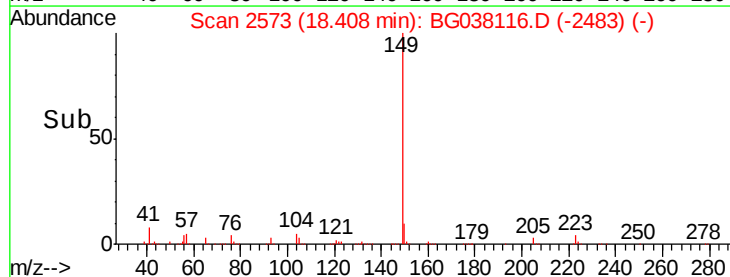
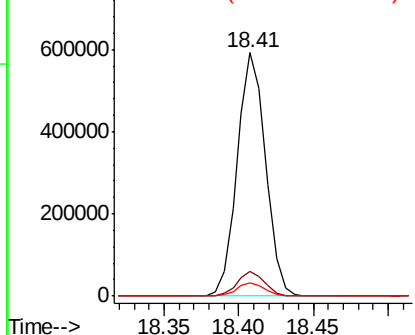


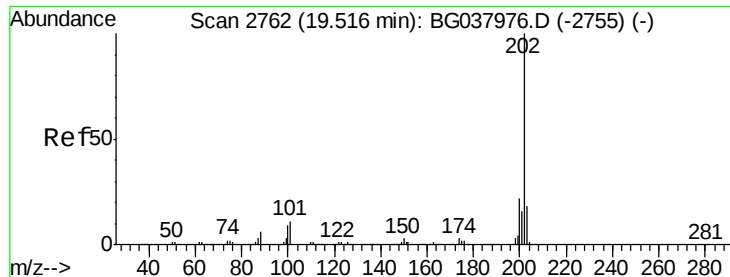
#74
 Di-n-butylphthalate
 Concen: 42.648 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion:149 Resp: 780896
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.2 12.2
 104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.169 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038116.D

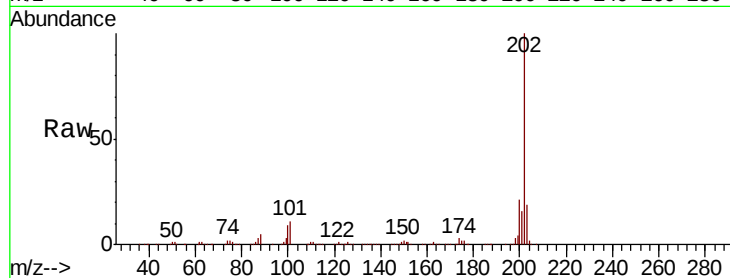
Acq: 21 Nov 2018 13:07

Instrument :

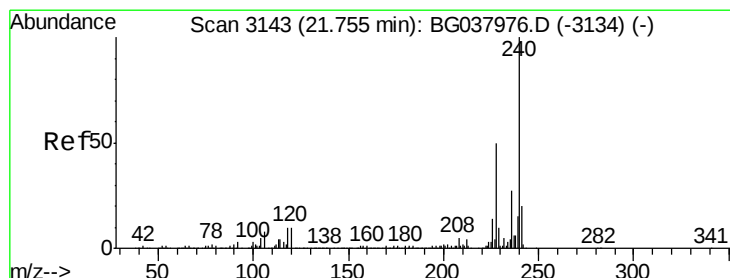
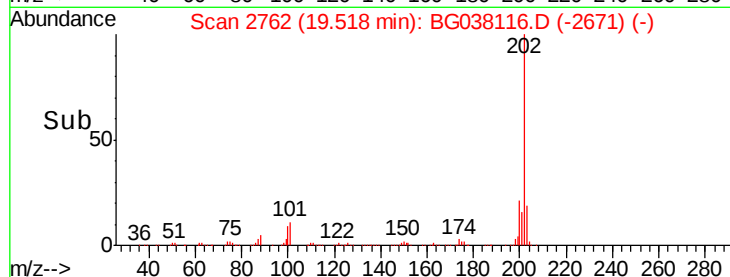
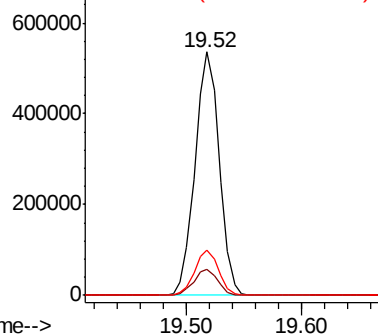
BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	774687
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.7
203	18.6	0.0	38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

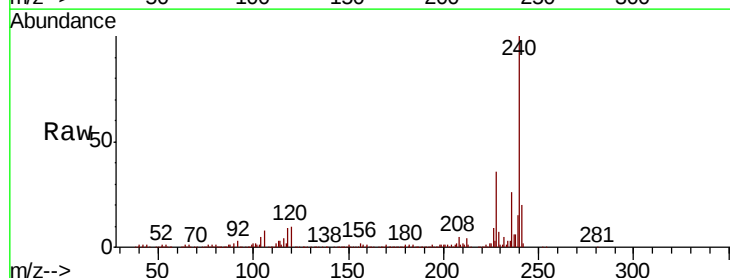
RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

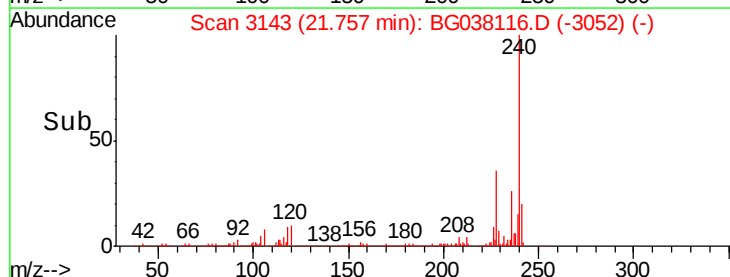
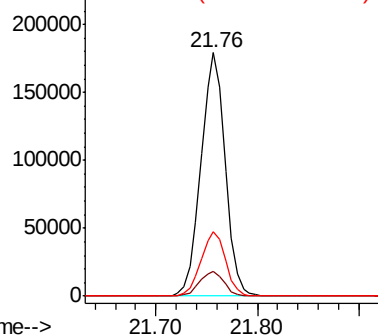
Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Tgt Ion:	240	Resp:	295512
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	26.3	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: 37.117 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

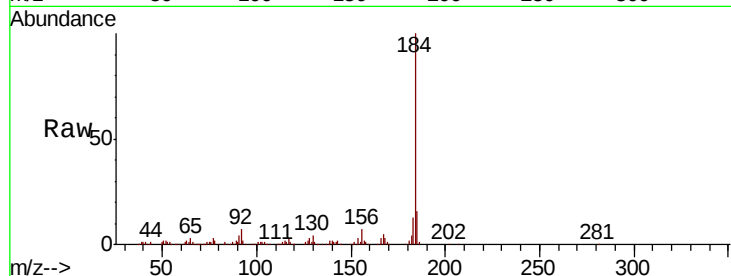
Tot Ion:184 Resp: 384880

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

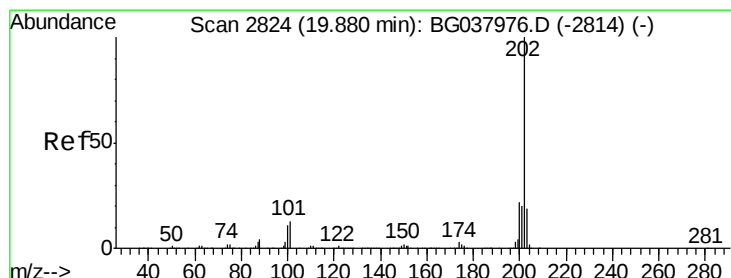
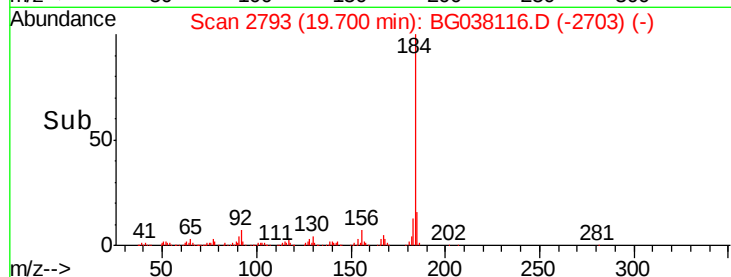
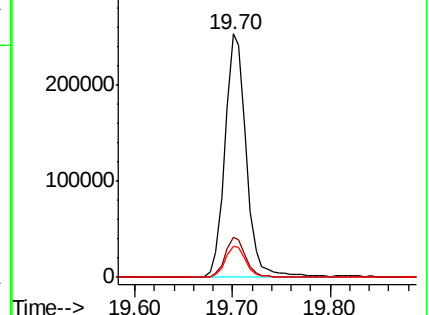
183 12.8 10.2 15.2



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: 41.041 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

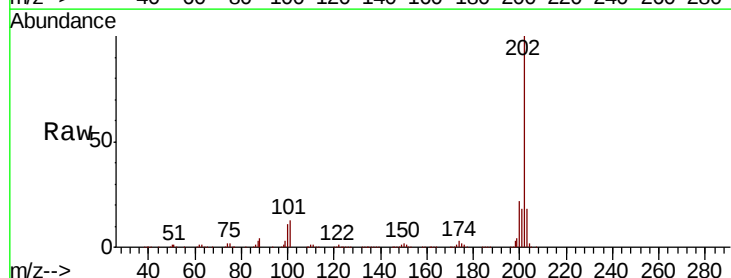
Tgt Ion:202 Resp: 792949

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

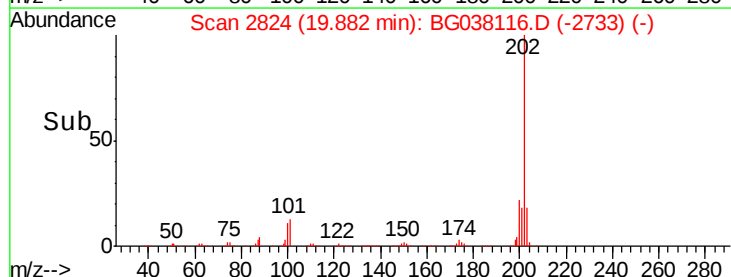
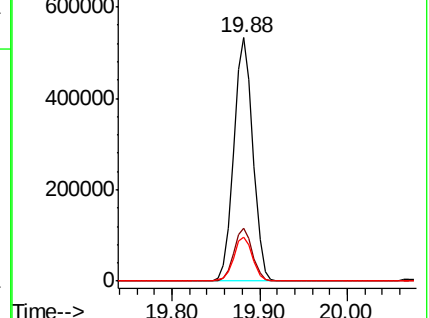
203 18.1 15.2 22.8

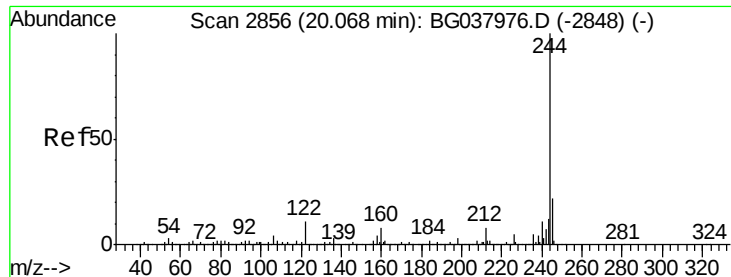


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.365 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampled :

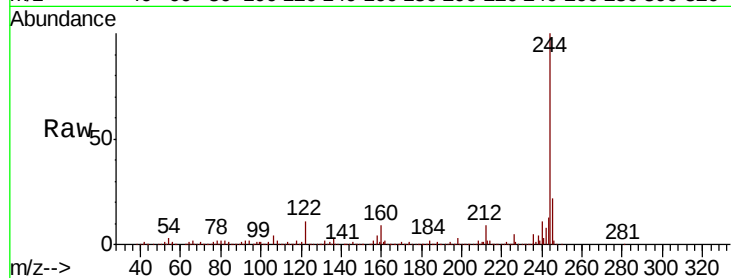
Tot Ion:244 Resp: 1021854

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

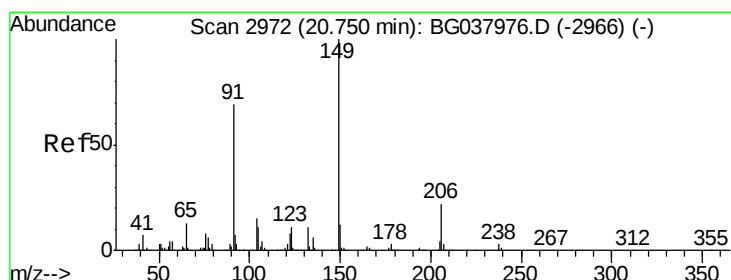
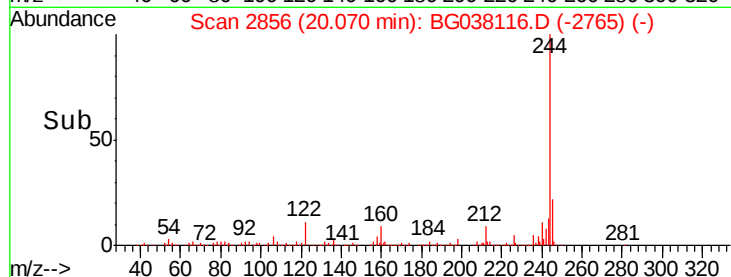
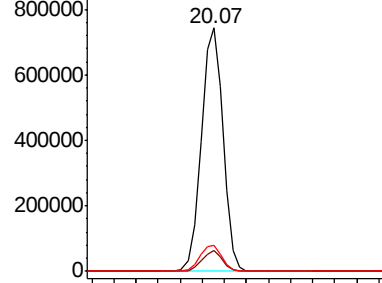
122 10.6 9.0 13.4



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: 42.523 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

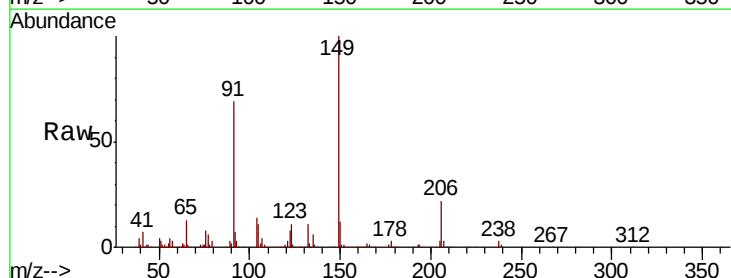
Tgt Ion:149 Resp: 359290

Ion Ratio Lower Upper

149 100

91 69.5 57.0 85.4

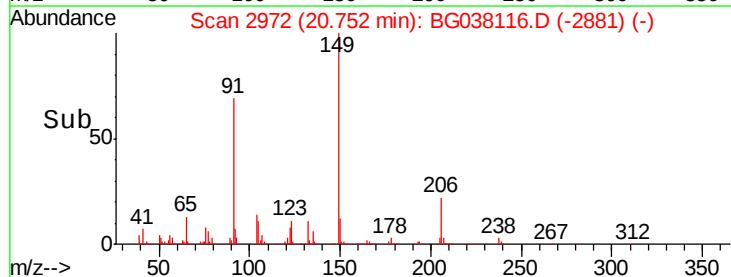
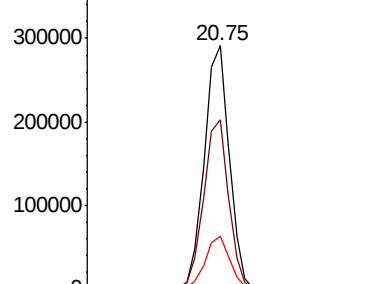
206 21.7 17.8 26.6

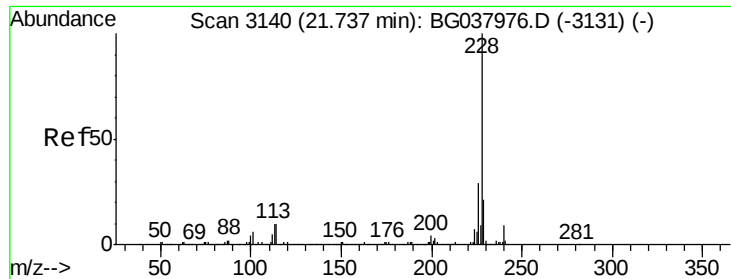


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

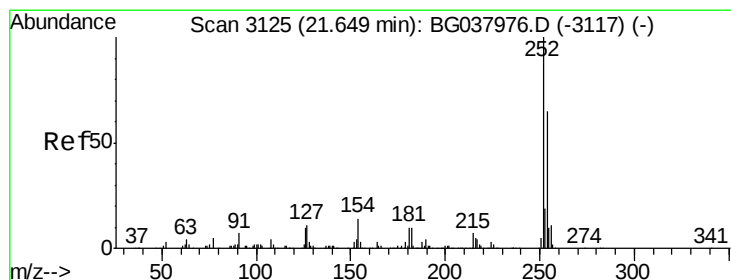
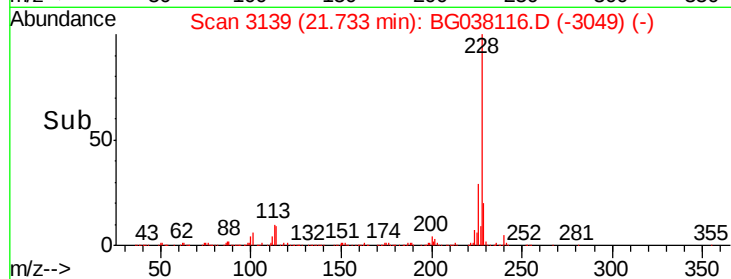
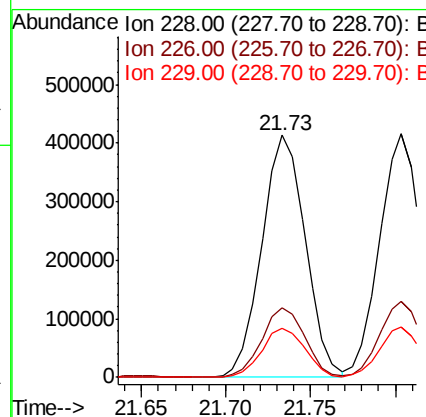
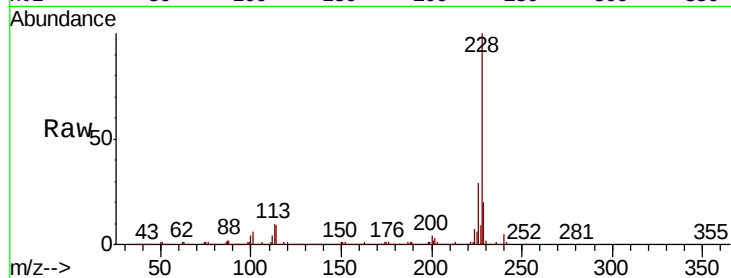




#81
Benzo(a)anthracene
Concen: 41.345 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

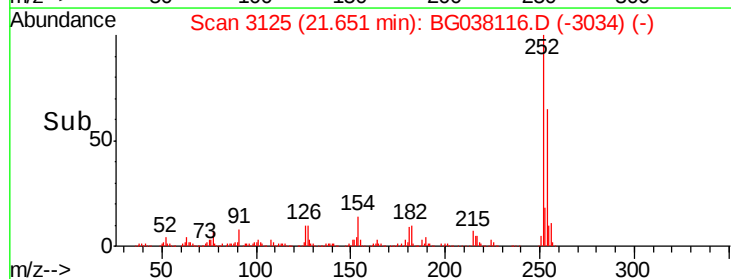
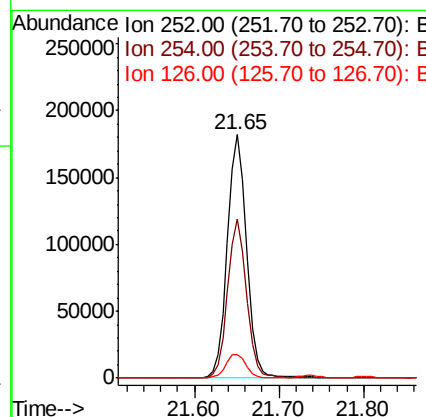
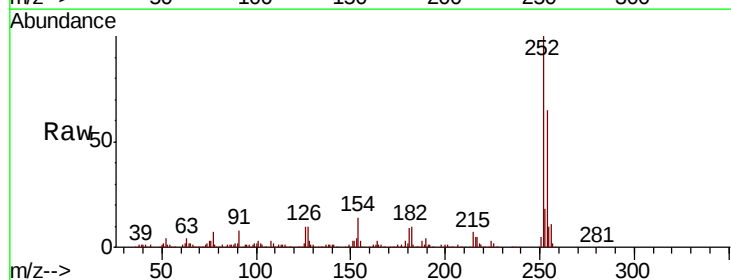
Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 738346
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 41.597 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG038116.D
Acq: 21 Nov 2018 13:07

Tgt Ion:252 Resp: 289364
Ion Ratio Lower Upper
252 100
254 65.1 52.0 78.0
126 9.8 8.2 12.4

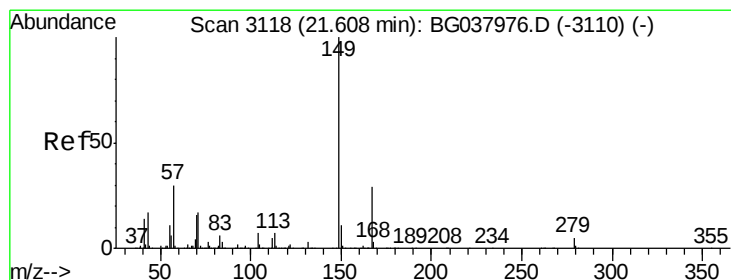
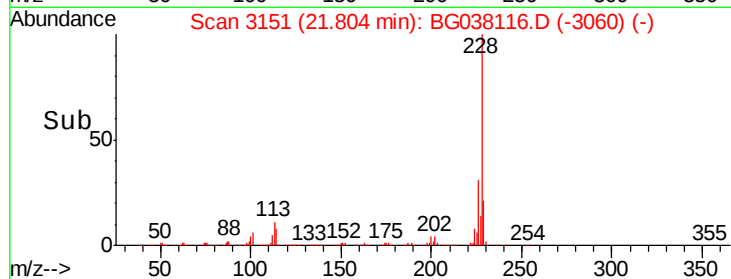
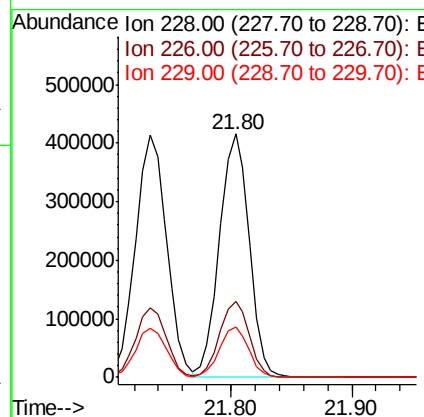
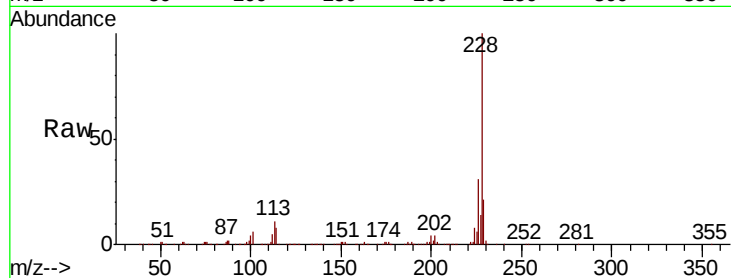




#83
 Chrysene
 Concen: 41.220 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

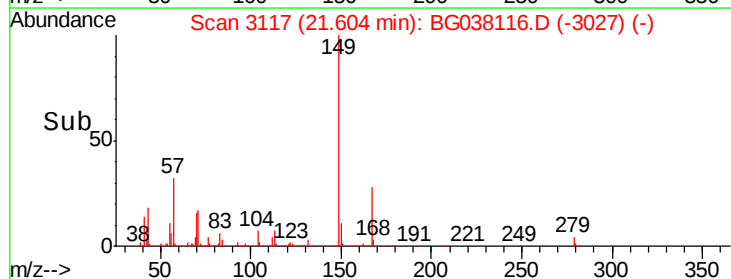
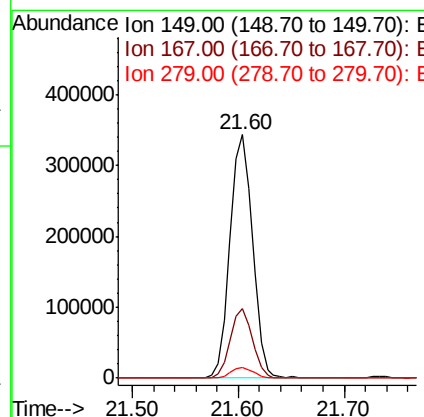
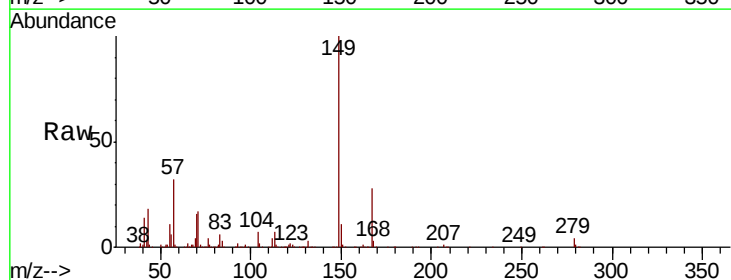
Instrument :
 BNA_F
 ClientSampled :

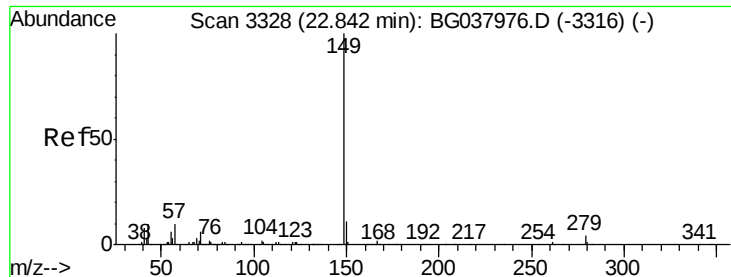
Tot Ion:228 Resp: 704304
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.7 38.5
 229 20.7 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.138 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BG038116.D
 Acq: 21 Nov 2018 13:07

Tgt Ion:149 Resp: 507744
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.0 34.4
 279 4.5 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.567 ng

RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampled :

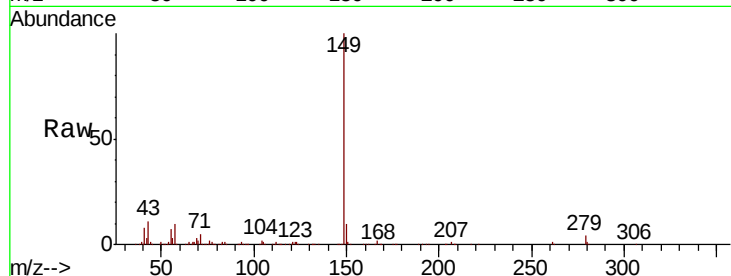
Tot Ion:149 Resp: 849279

Ion Ratio Lower Upper

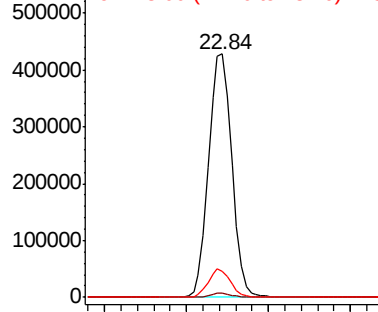
149 100

167 1.6 1.3 1.9

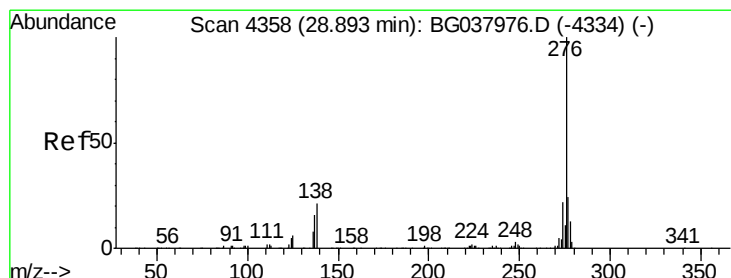
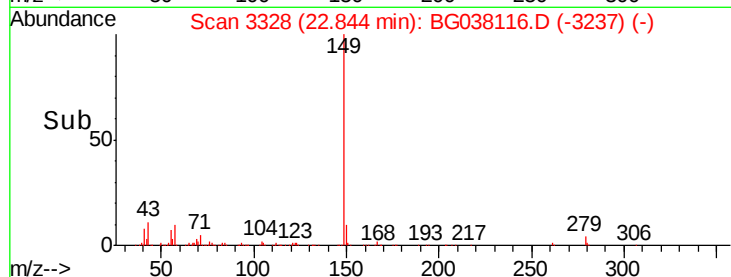
43 11.1 8.7 13.1



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



Time--> 22.70 22.80 22.90 23.00



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.241 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.01 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

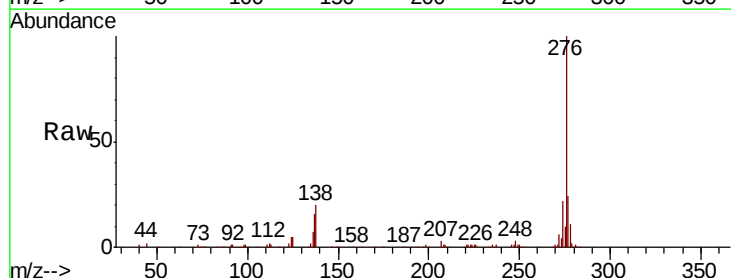
Tgt Ion:276 Resp: 763637

Ion Ratio Lower Upper

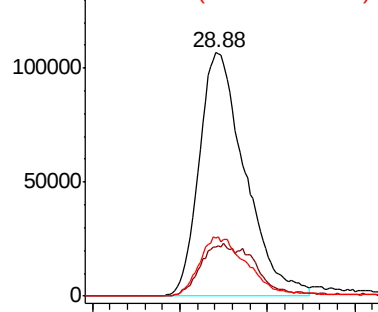
276 100

138 14.9 12.0 18.0

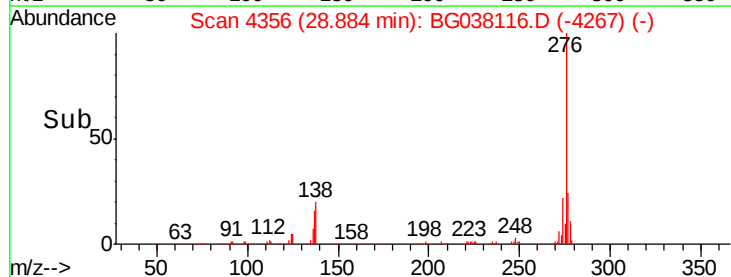
277 25.4 20.6 30.8



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



Time--> 28.60 28.80 29.00 29.20





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

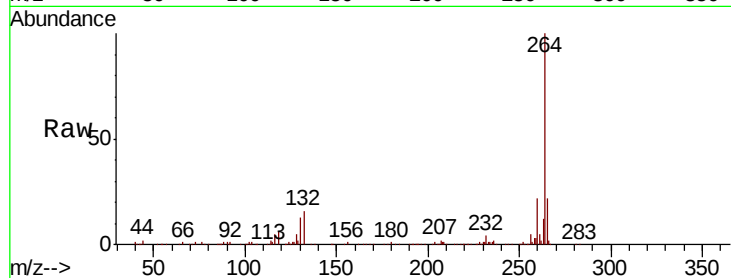
Tot Ion:264 Resp: 320654

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

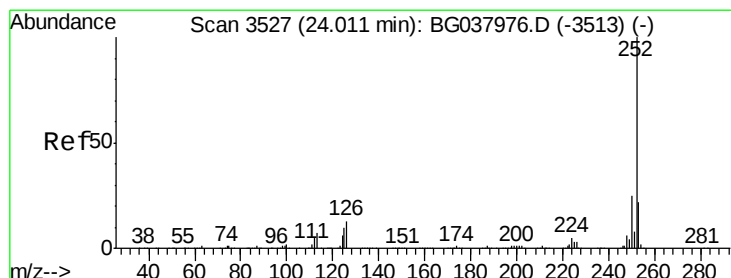
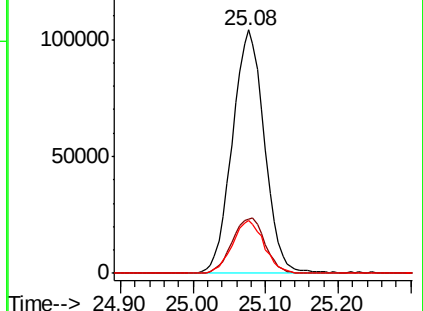
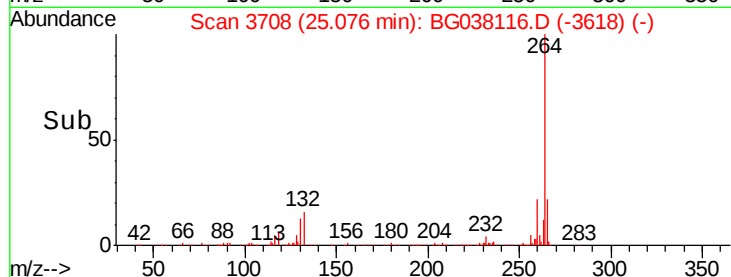
265 21.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.785 ng

RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

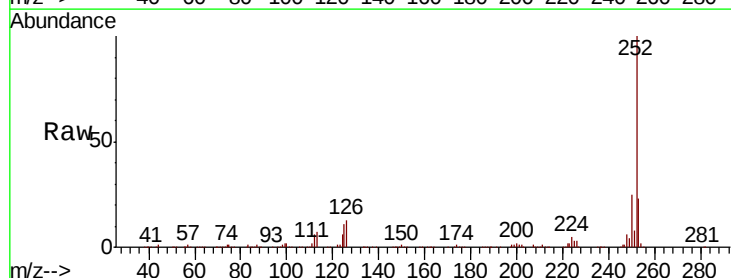
Tgt Ion:252 Resp: 719689

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

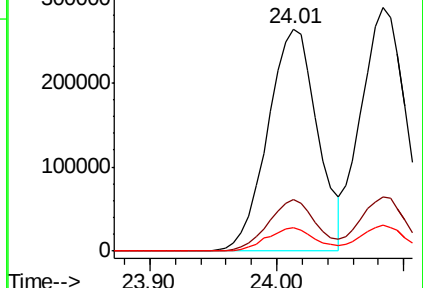
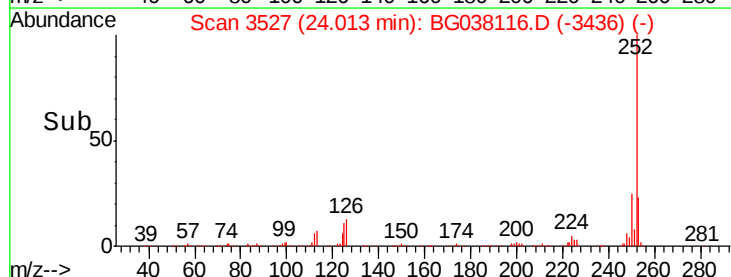
125 10.6 7.8 11.6



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: 40.993 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

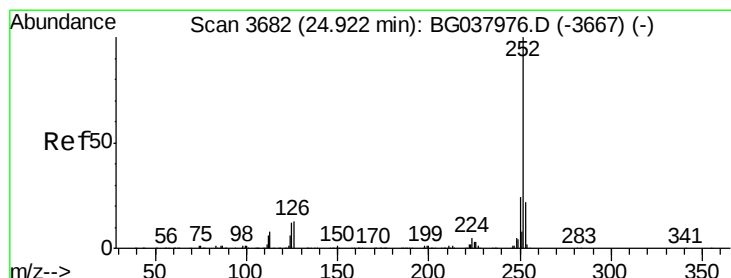
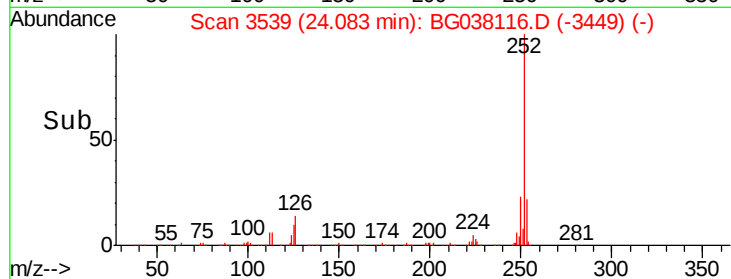
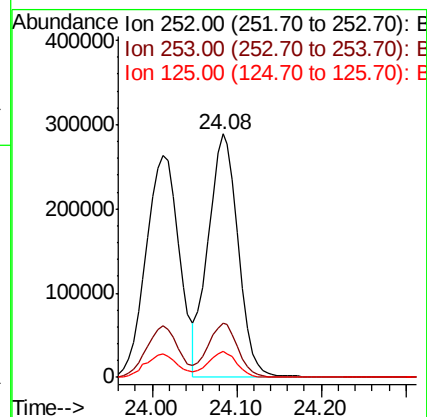
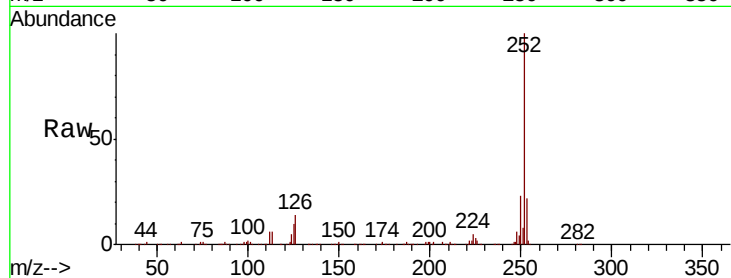
Tot Ion:252 Resp: 713769

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 41.684 ng

RT: 24.92 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

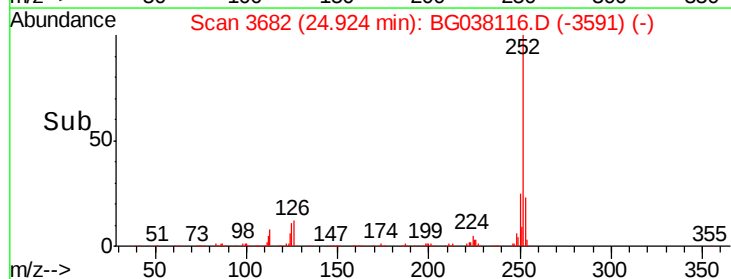
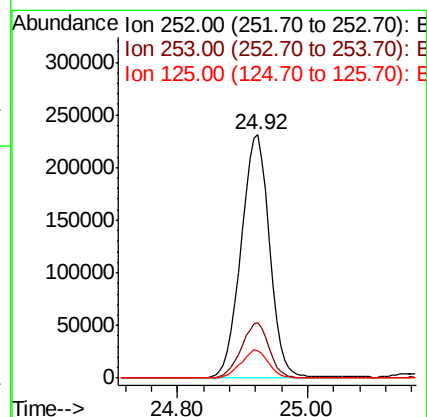
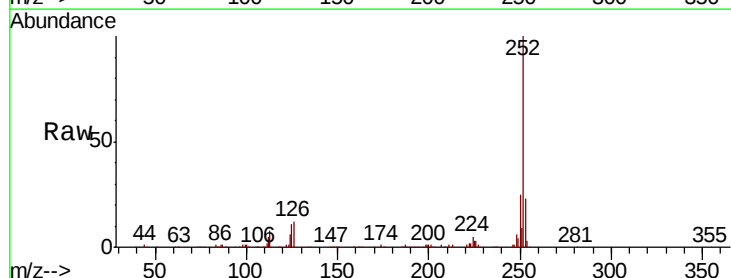
Tgt Ion:252 Resp: 702942

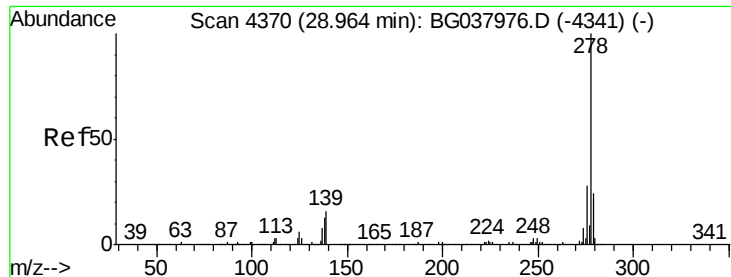
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 38.798 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.00 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

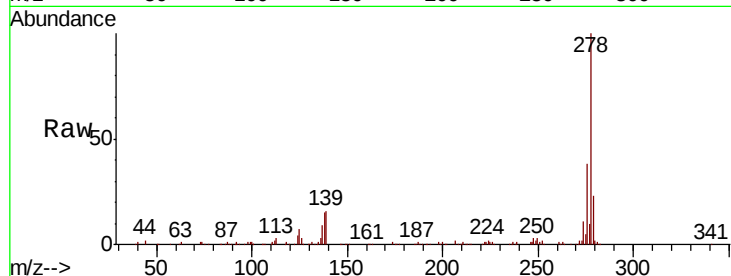
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 629526

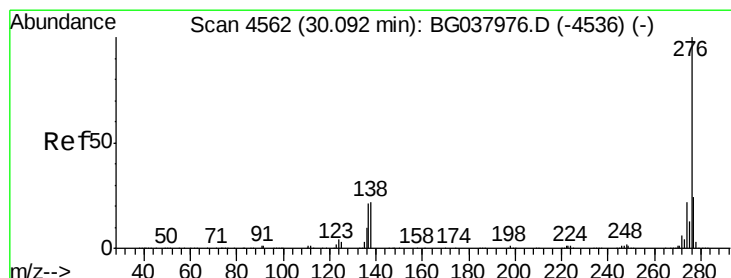
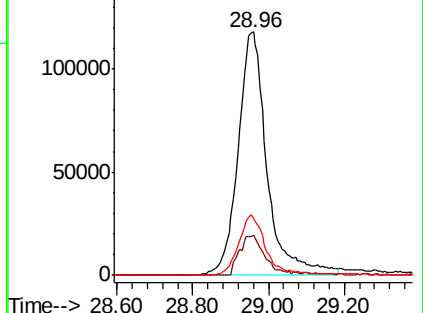
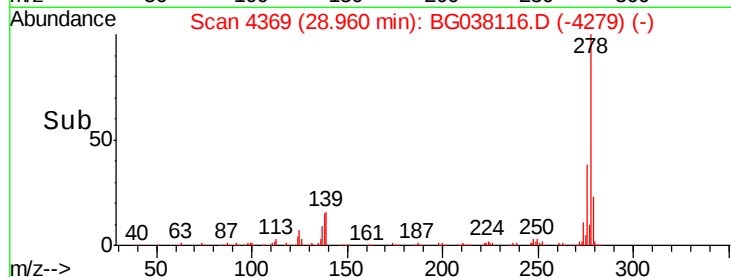
Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.5	17.3
279	23.4	18.6	27.8



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: 37.416 ng

RT: 30.10 min Scan# 4563

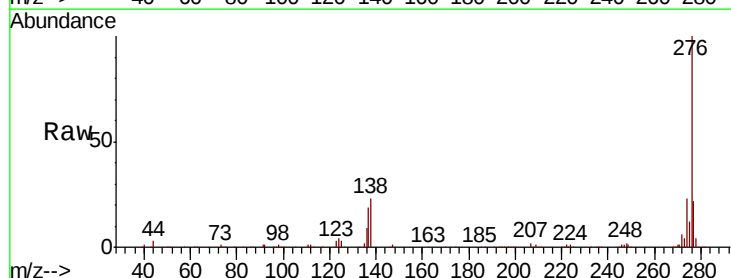
Delta R.T. 0.01 min

Lab File: BG038116.D

Acq: 21 Nov 2018 13:07

Tgt Ion:276 Resp: 603652

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.9	28.3
138	22.5	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

