

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032733.D
 Acq On : 16 Feb 2018 4:02
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 07:07:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	24949	20.00	ng	-0.04
21) Naphthalene-d8	11.51	136	100117	20.00	ng	-0.04
38) Acenaphthene-d10	15.28	164	78055	20.00	ng	-0.03
63) Phenanthrene-d10	18.01	188	221133	20.00	ng	-0.04
75) Chrysene-d12	22.34	240	238706	20.00	ng	-0.04
86) Perylene-d12	25.96	264	309030	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	6.08	112	96053	77.24	ng	-0.03
7) Phenol-d6	7.77	99	127166	74.79	ng	-0.03
23) Nitrobenzene-d5	9.84	82	121956	77.42	ng	-0.04
41) 2,4,6-Tribromophenol	16.75	330	125677	104.57	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	483946	77.53	ng	-0.03
78) Terphenyl-d14	20.56	244	975278	93.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.75	88	20035	38.51	ng	# 69
3) Pyridine	4.20	79	40522	30.37	ng	# 76
4) n-Nitrosodimethylamine	4.12	42	20681	32.99	ng	# 67
6) Aniline	7.94	93	71813	35.73	ng	# 97
8) 2-Chlorophenol	8.19	128	57742	40.38	ng	# 80
9) Benzaldehyde	7.75	77	34338	34.17	ng	# 89
10) Phenol	7.79	94	64355	38.92	ng	# 90
11) bis(2-Chloroethyl)ether	8.04	93	49362	37.23	ng	# 82
12) 1,3-Dichlorobenzene	8.52	146	76791	38.08	ng	# 96
13) 1,4-Dichlorobenzene	8.68	146	74641	37.46	ng	# 94
14) 1,2-Dichlorobenzene	9.00	146	73507	36.58	ng	# 94
15) Benzyl Alcohol	8.88	79	46511	36.49	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.17	45	40479	28.37	ng	# 70
17) 2-Methylphenol	9.08	107	43856	37.45	ng	# 87
18) Hexachloroethane	9.75	117	27816	38.23	ng	# 78
19) n-Nitroso-di-n-propylamine	9.45	70	37552	32.85	ng	# 90
20) 3+4-Methylphenols	9.42	107	65015	36.73	ng	# 96
22) Acetophenone	9.48	105	87179	40.94	ng	# 91
24) Nitrobenzene	9.88	77	64739	39.25	ng	# 85
25) Isophorone	10.40	82	111310	37.06	ng	# 80
26) 2-Nitrophenol	10.60	139	36683	41.58	ng	# 79
27) 2,4-Dimethylphenol	10.64	122	47678	41.14	ng	# 95
28) bis(2-Chloroethoxy)methane	10.88	93	56791	36.99	ng	# 93
29) 2,4-Dichlorophenol	11.14	162	68690	40.49	ng	# 89
30) 1,2,4-Trichlorobenzene	11.37	180	93682	39.39	ng	# 99
31) Naphthalene	11.56	128	184946	38.04	ng	# 98
32) Benzoic acid	10.77	122	29891	33.63	ng	# 71
33) 4-Chloroaniline	11.67	127	80922	41.95	ng	# 97
34) Hexachlorobutadiene	11.83	225	75672	38.83	ng	# 97
35) Caprolactam	12.42	113	21384	44.39	ng	# 47
36) 4-Chloro-3-methylphenol	12.75	107	66090	43.31	ng	# 89
37) 2-Methylnaphthalene	13.14	142	155424	39.42	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	13.49	216	129312	35.08	ng	# 95
40) Hexachlorocyclopentadiene	13.46	237	100280	42.98	ng	# 91

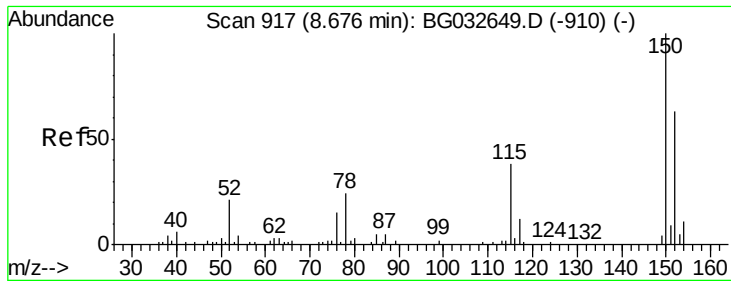
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032733.D
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 BNA_F
 ClientSampleId :

Quant Time: Feb 16 07:07:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	78611	42.72	nq	95
43) 2,4,5-Trichlorophenol	13.80	196	87452	38.14	nq	# 90
45) 1,1'-Biphenyl	14.12	154	245222	38.18	nq	95
46) 2-Chloronaphthalene	14.17	162	198672	39.09	nq	97
47) 2-Nitroaniline	14.36	65	39037	35.31	nq	# 81
48) Acenaphthylene	15.00	152	265770	35.55	nq	99
49) Dimethylphthalate	14.71	163	231523	34.31	nq	100
50) 2,6-Dinitrotoluene	14.84	165	50565	36.39	nq	# 79
51) Acenaphthene	15.34	154	209321	40.99	nq	97
52) 3-Nitroaniline	15.18	138	50255	40.96	nq	# 75
53) 2,4-Dinitrophenol	15.38	184	39262	56.33	nq	# 62
54) Dibenzofuran	15.67	168	301311	39.66	nq	98
55) 4-Nitrophenol	15.47	139	33018	39.28	nq	# 72
56) 2,4-Dinitrotoluene	15.62	165	81902	42.78	nq	# 69
57) Fluorene	16.31	166	251318	40.23	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.89	232	90958	42.13	nq	# 83
59) Diethylphthalate	16.06	149	273972	41.73	nq	97
60) 4-Chlorophenyl-phenylether	16.30	204	160060	38.80	nq	92
61) 4-Nitroaniline	16.34	138	55587	43.94	nq	# 73
62) Azobenzene	16.59	77	145246	34.44	nq	# 79
64) 4,6-Dinitro-2-methylphenol	16.38	198	55470	35.90	nq	73
65) n-Nitrosodiphenylamine	16.51	169	236096	36.40	nq	97
66) 4-Bromophenyl-phenylether	17.19	248	113589	35.89	nq	98
67) Hexachlorobenzene	17.32	284	127221	37.43	nq	# 88
68) Atrazine	17.44	200	106011	38.11	nq	97
69) Pentachlorophenol	17.65	266	86556	41.60	nq	94
70) Phenanthrene	18.05	178	467000	39.31	nq	99
71) Anthracene	18.15	178	452092	37.20	nq	99
72) Carbazole	18.41	167	340420	32.85	nq	99
73) Di-n-butylphthalate	18.92	149	405509	34.75	nq	99
74) Fluoranthene	20.03	202	619081	39.04	nq	94
76) Benzidine	20.20	184	200572	35.68	nq	99
77) Pyrene	20.39	202	621391	43.76	nq	99
79) Butylbenzylphthalate	21.24	149	177263	37.89	nq	# 75
80) Benzo(a)anthracene	22.31	228	548847	36.72	nq	97
81) 3,3'-Dichlorobenzidine	22.21	252	219747	39.37	nq	# 98
82) Chrysene	22.39	228	548608	37.23	nq	98
83) Bis(2-ethylhexyl)phthalate	22.16	149	306403	45.42	nq	# 97
84) Di-n-octyl phthalate	23.51	149	508083	48.00	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.15	276	873386	50.03	nq	# 84
87) Benzo(b)fluoranthene	24.80	252	577531	31.36	nq	# 96
88) Benzo(k)fluoranthene	24.87	252	623851	32.73	nq	# 97
89) Benzo(a)pyrene	25.79	252	698143	38.91	nq	# 95
90) Dibenzo(a,h)anthracene	30.23	278	741117	41.49	nq	# 93
91) Benzo(g,h,i)perylene	31.47	276	578157	33.48	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampled :

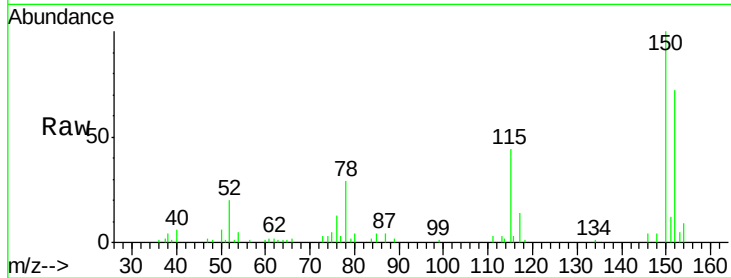
Tot Ion:152 Resp: 24949

Ion Ratio Lower Upper

152 100

150 139.4 126.6 189.8

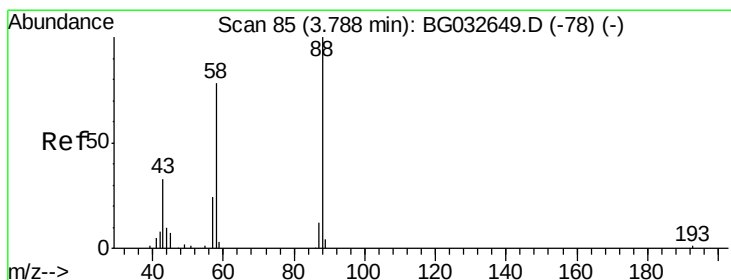
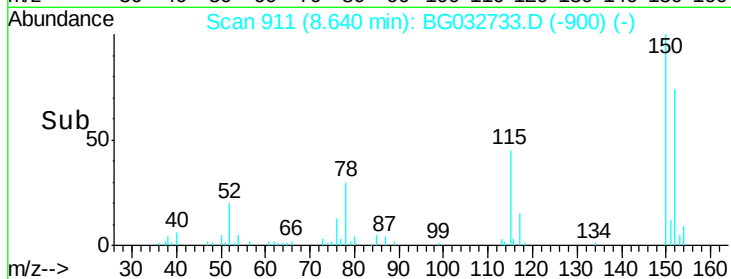
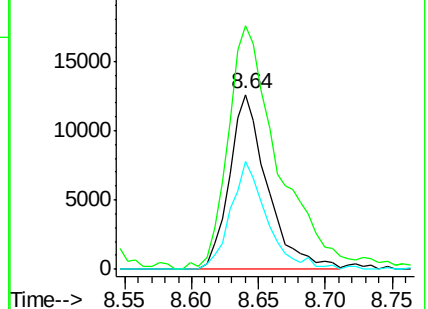
115 61.7 53.0 79.4



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: 38.51 ng

RT: 3.75 min Scan# 79

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

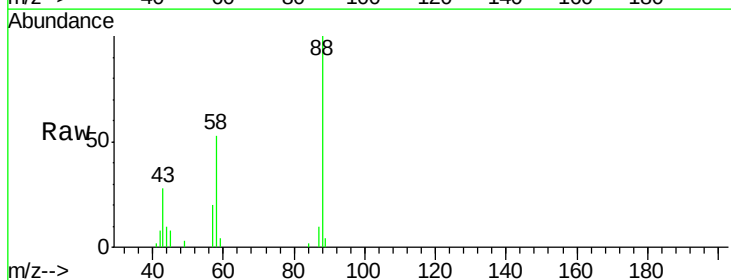
Tgt Ion: 88 Resp: 20035

Ion Ratio Lower Upper

88 100

58 60.0 79.6 119.4#

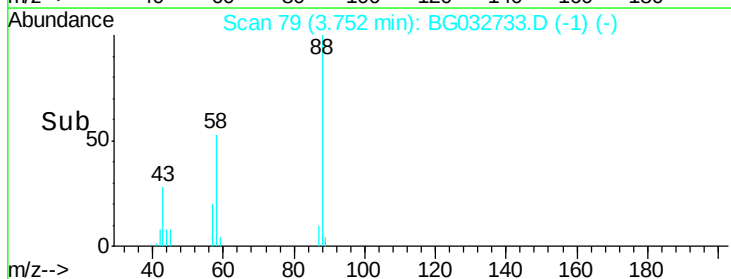
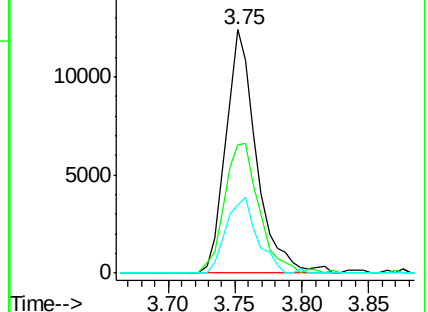
43 31.1 27.4 41.0

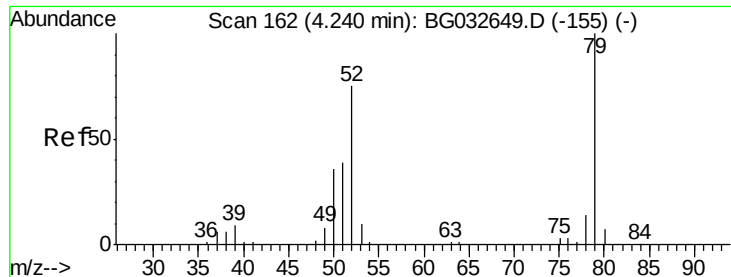


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.37 ng

RT: 4.20 min Scan# 156

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

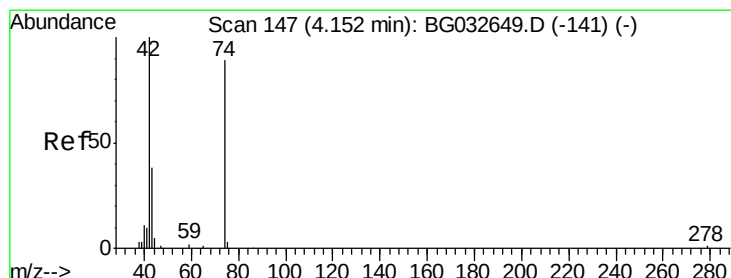
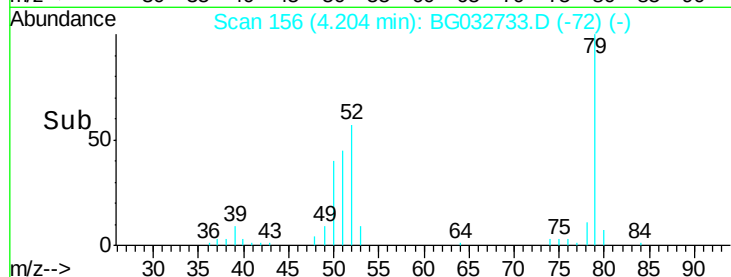
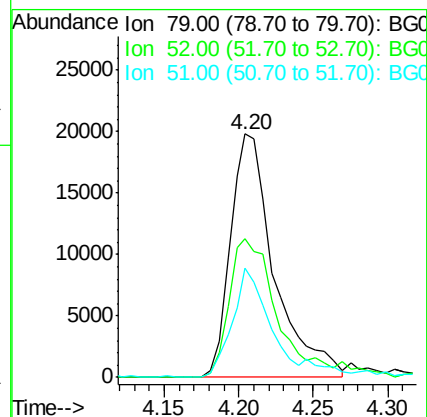
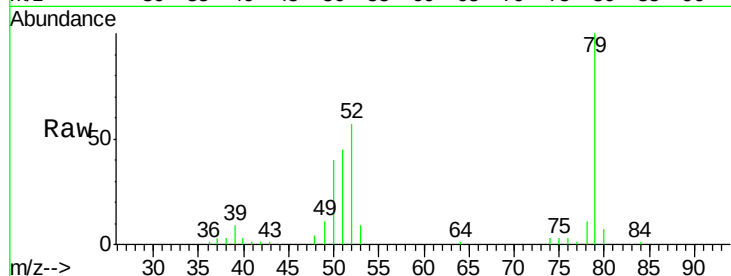
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 40522

Ion	Ratio	Lower	Upper
79	100		
52	56.8	69.9	104.9#
51	45.1	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 32.99 ng

RT: 4.12 min Scan# 141

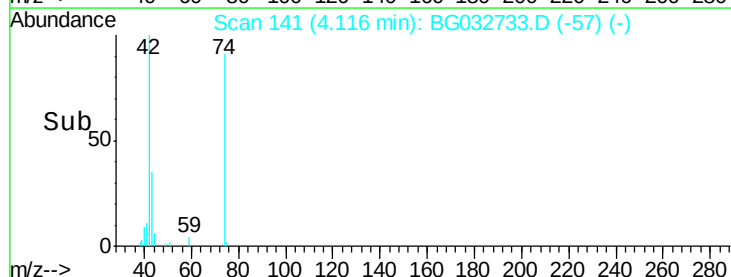
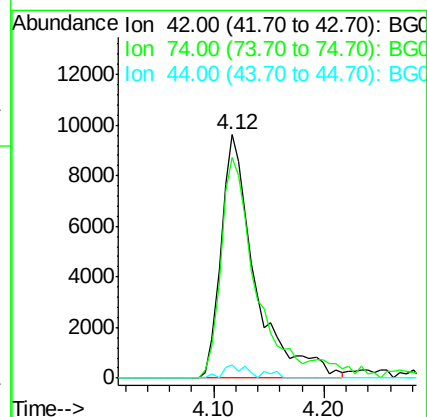
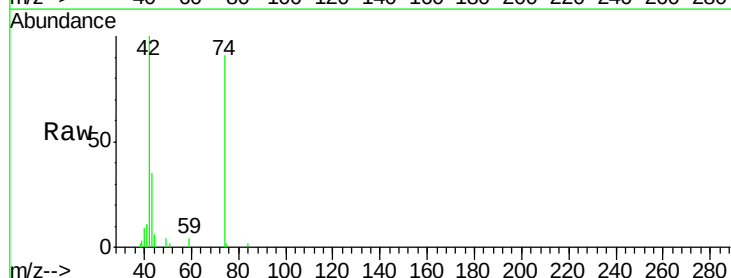
Delta R.T. -0.04 min

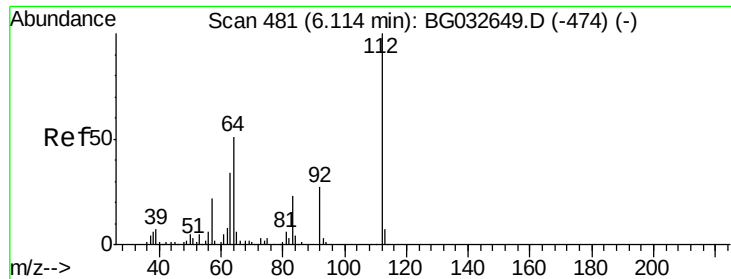
Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Tgt Ion: 42 Resp: 20681

Ion	Ratio	Lower	Upper
42	100		
74	90.7	102.5	153.7#
44	5.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 77.24 ng

RT: 6.08 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG032733.D

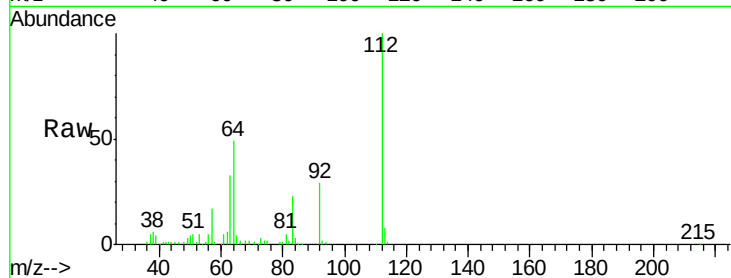
Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

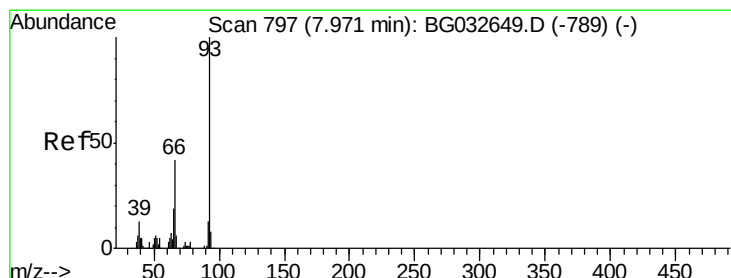
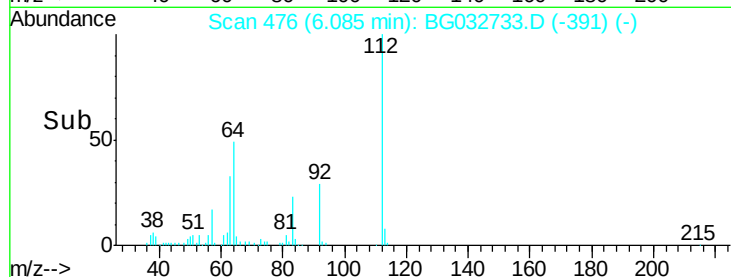
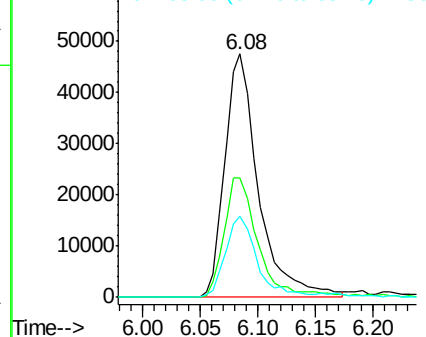
Tot Ion:	112	Resp:	96053
Ion	Ratio	Lower	Upper
112	100		
64	48.9	56.3	84.5#
63	33.5	30.1	45.1



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: 35.73 ng

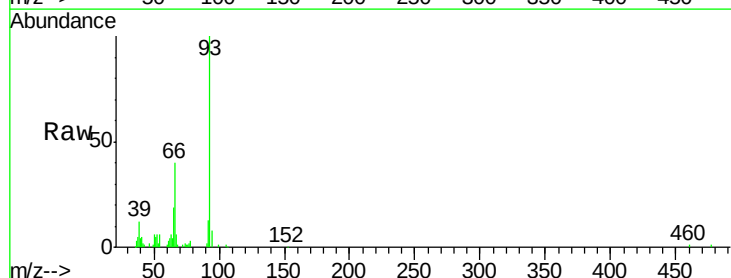
RT: 7.94 min Scan# 792

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

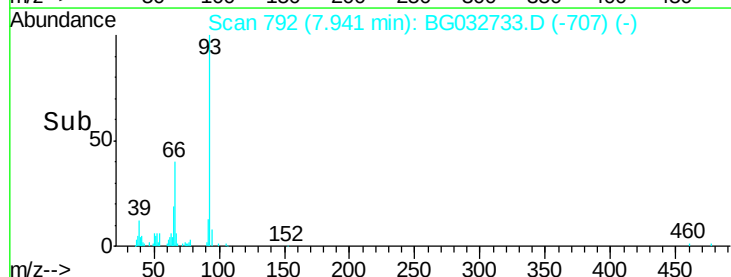
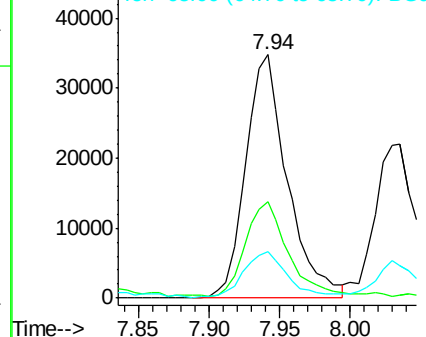
Tgt Ion:	93	Resp:	71813
Ion	Ratio	Lower	Upper
93	100		
66	39.5	33.7	50.5
65	19.2	16.1	24.1

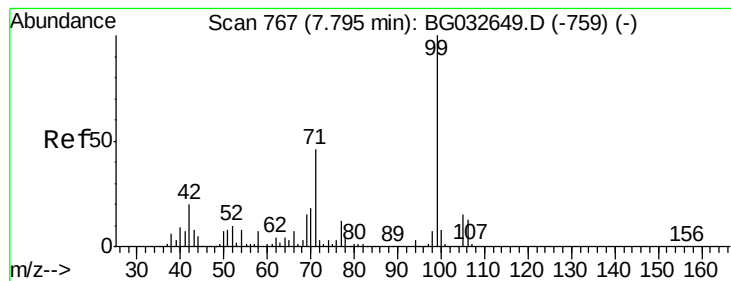


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.79 ng

RT: 7.77 min Scan# 762

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

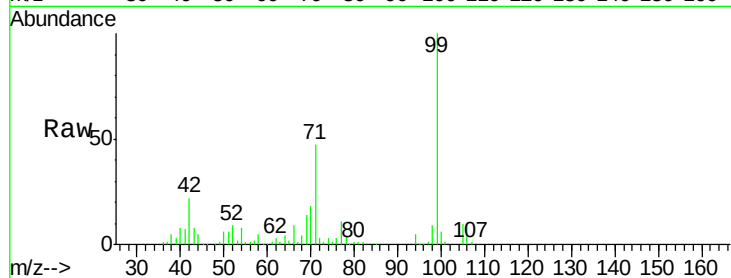
Tot Ion: 99 Resp: 127166

Ion Ratio Lower Upper

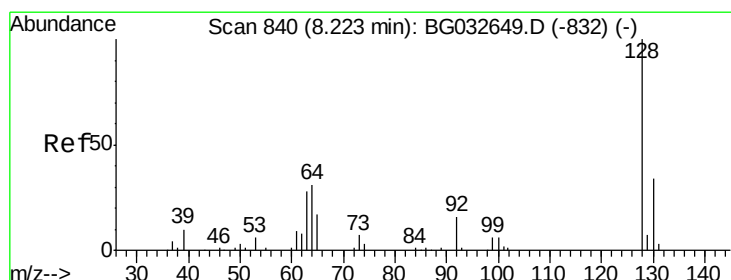
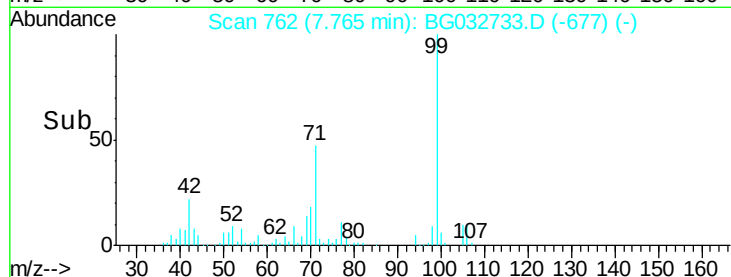
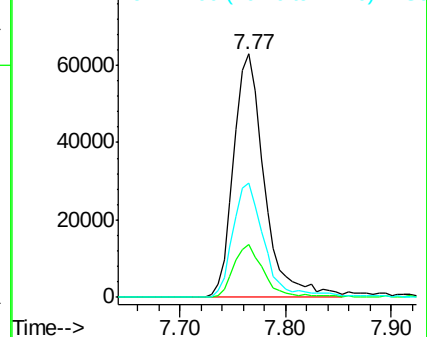
99 100

42 21.7 14.1 21.1#

71 47.0 26.1 39.1#



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: 40.38 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

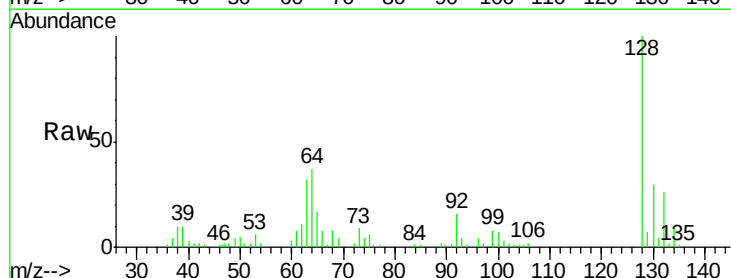
Tgt Ion: 128 Resp: 57742

Ion Ratio Lower Upper

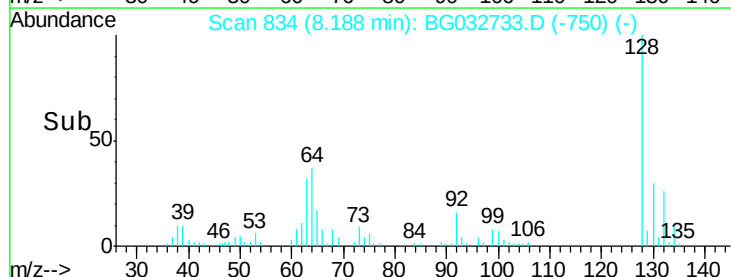
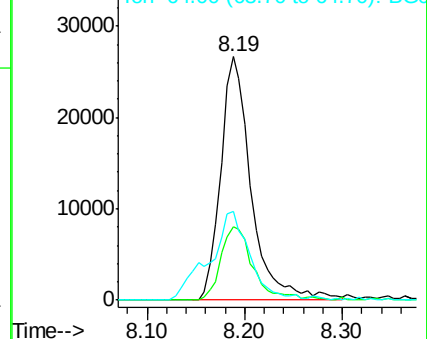
128 100

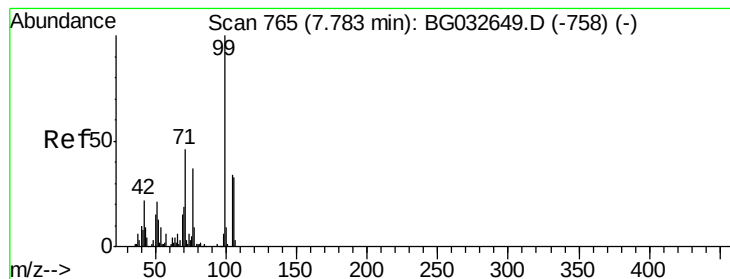
130 30.1 14.0 54.0

64 36.7 37.7 77.7#



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: 34.17 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

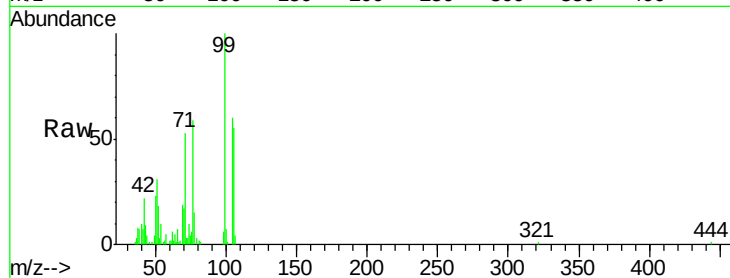
Tot Ion: 77 Resp: 34338

Ion Ratio Lower Upper

77 100

105 102.5 71.3 111.3

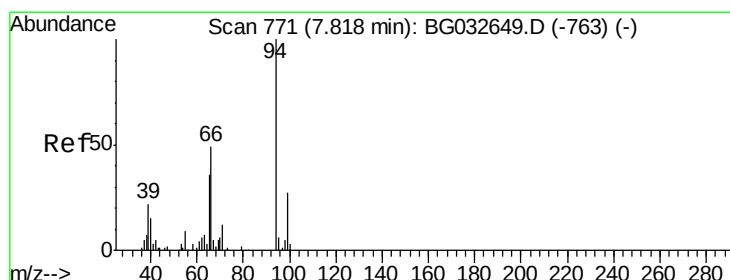
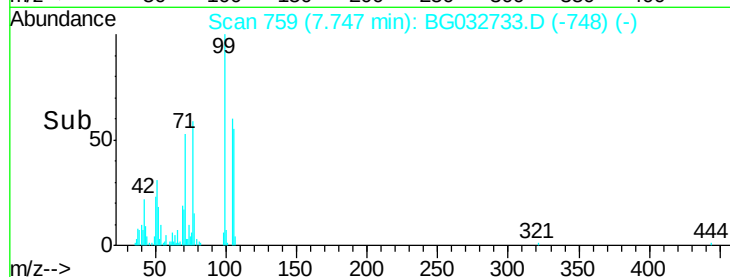
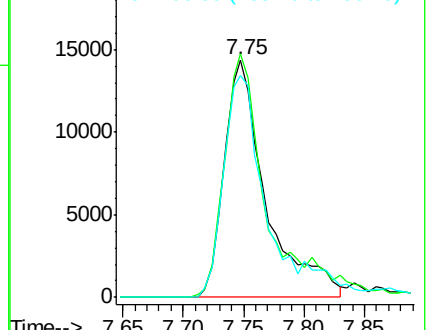
106 93.4 64.2 104.2



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: 38.92 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

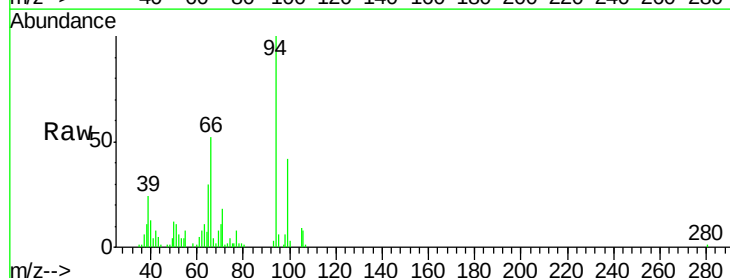
Tgt Ion: 94 Resp: 64355

Ion Ratio Lower Upper

94 100

65 29.7 11.9 51.9

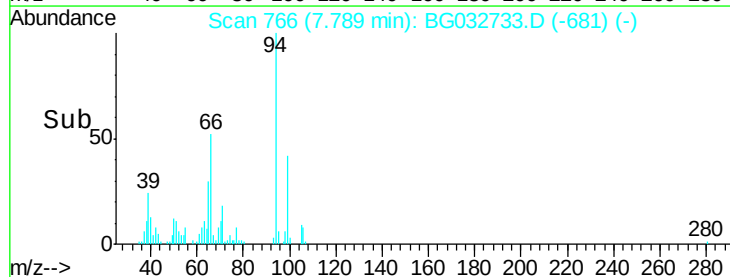
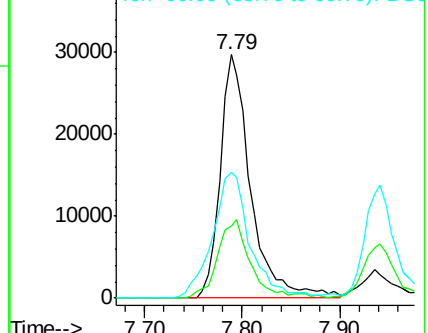
66 51.6 22.2 62.2

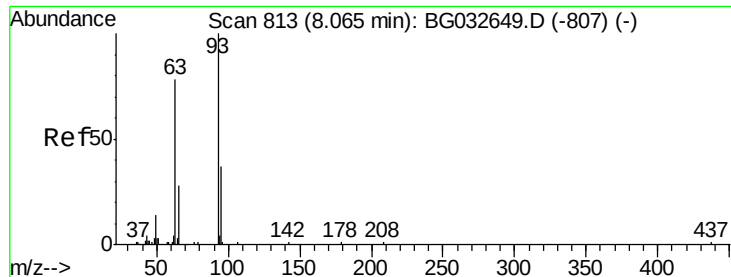


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

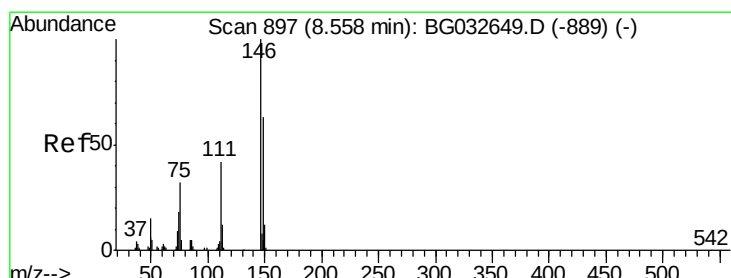
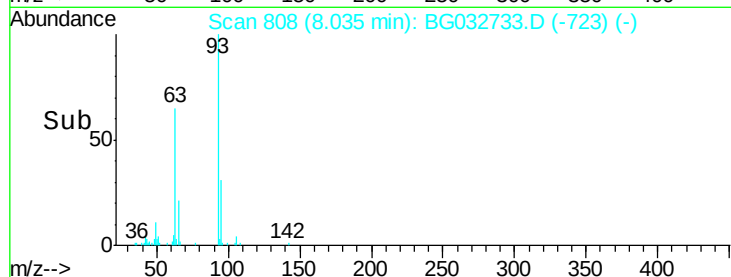
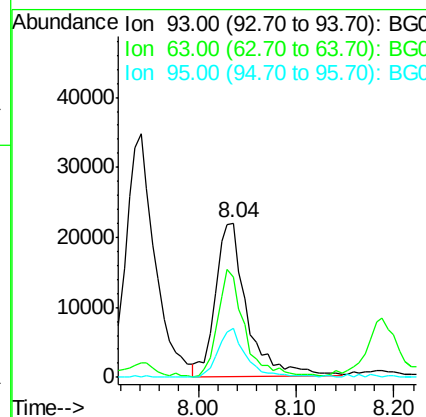
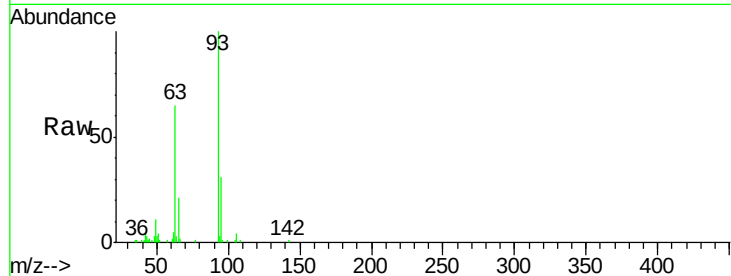




#11
bis(2-Chloroethyl)ether
Concen: 37.23 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

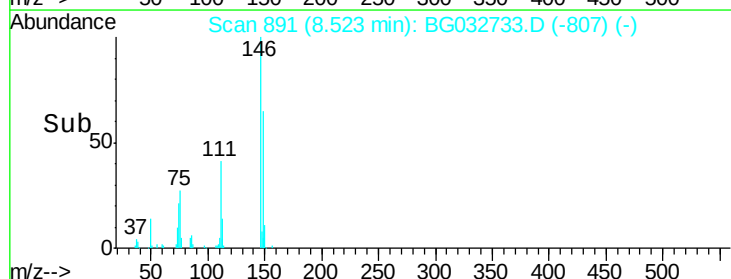
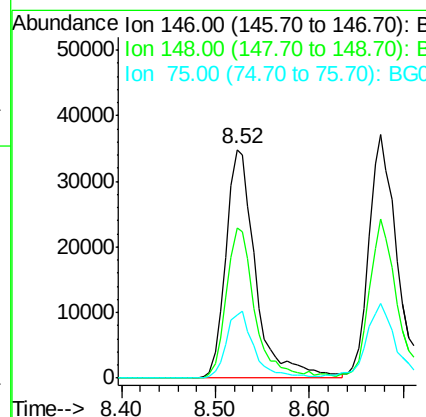
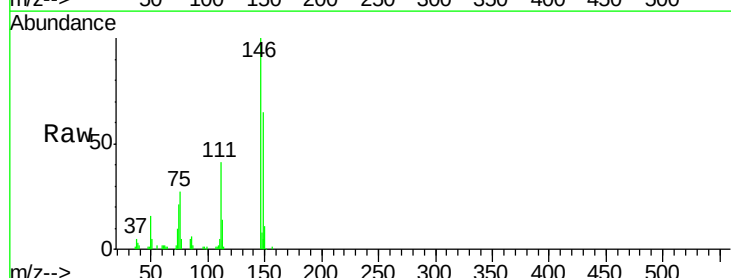
Instrument :
BNA_F
ClientSampleId :

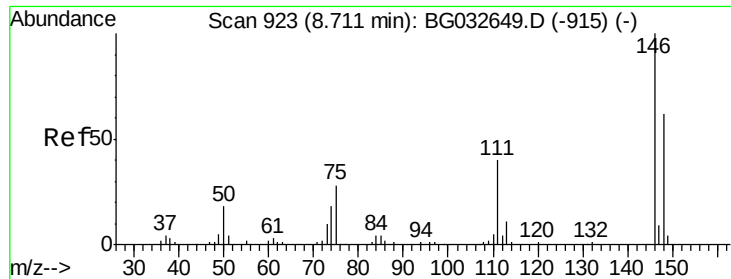
Tot Ion: 93 Resp: 49362
Ion Ratio Lower Upper
93 100
63 65.0 67.1 107.1#
95 31.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.08 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion: 146 Resp: 76791
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
75 27.4 26.6 39.8

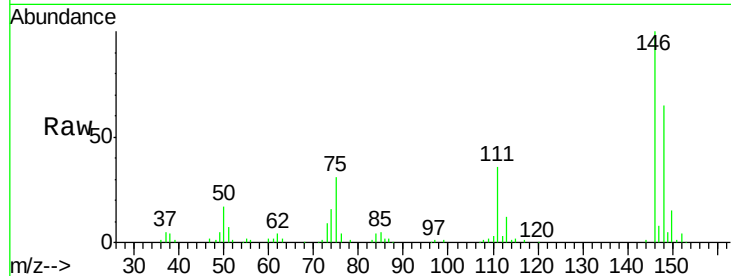




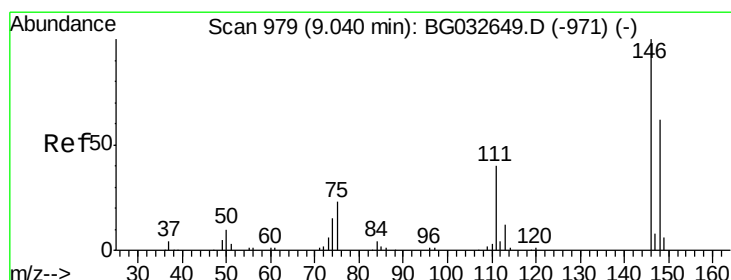
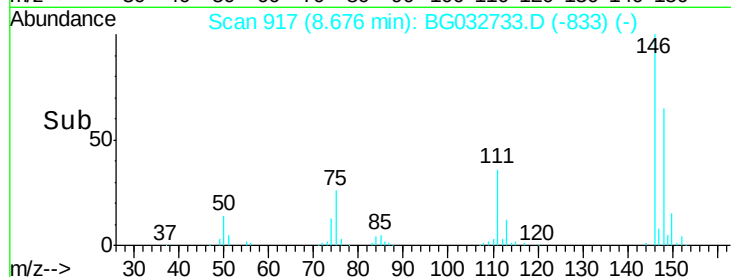
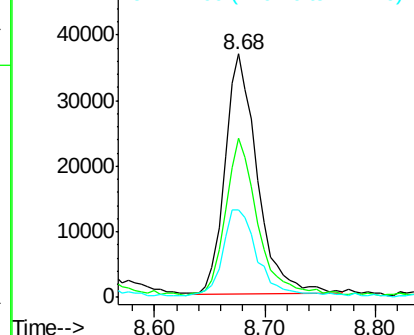
#13
 1,4-Dichlorobenzene
 Concen: 37.46 ng
 RT: 8.68 min Scan# 917
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 74641
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.7 80.5
 111 36.0 35.2 52.8

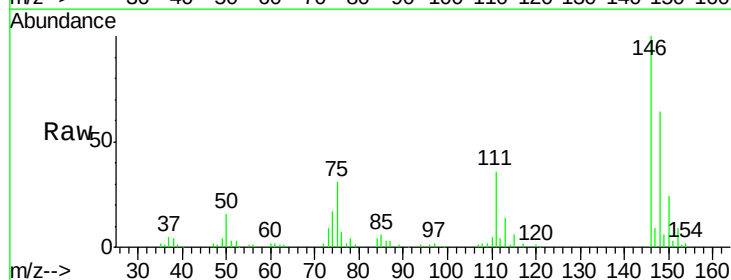


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

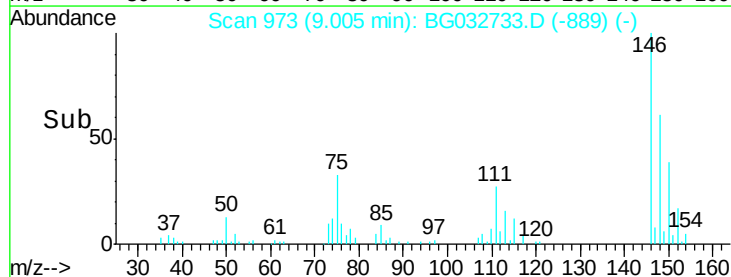
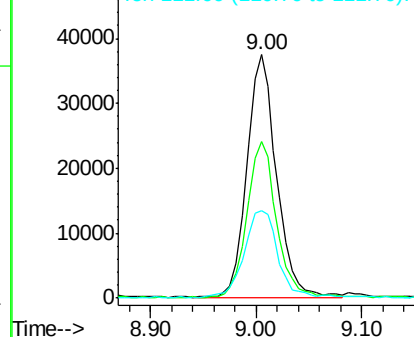


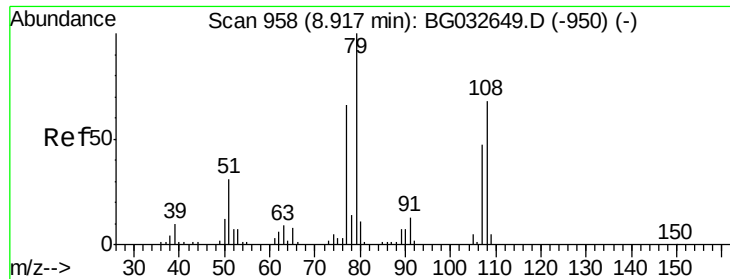
#14
 1,2-Dichlorobenzene
 Concen: 36.58 ng
 RT: 9.00 min Scan# 973
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion:146 Resp: 73507
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 36.2 34.3 51.5



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

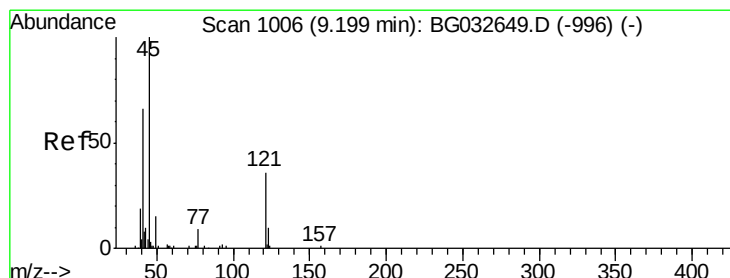
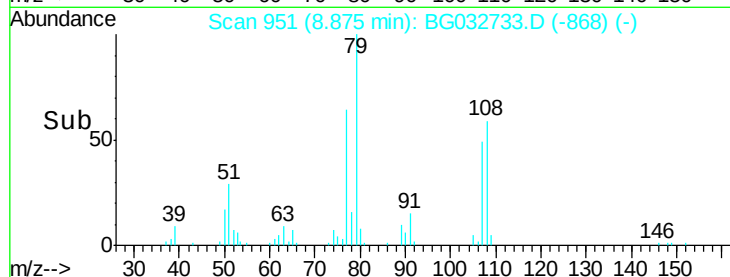
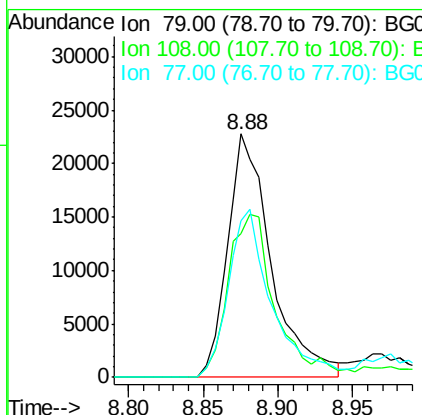
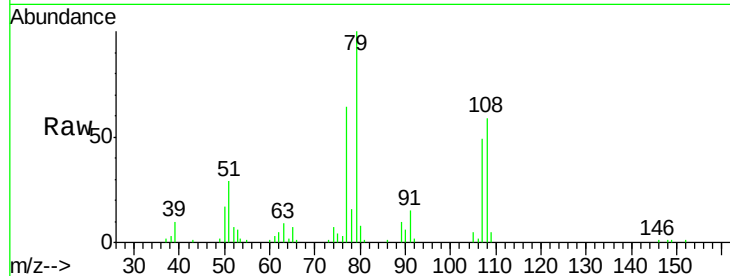




#15
Benzyl Alcohol
Concen: 36.49 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

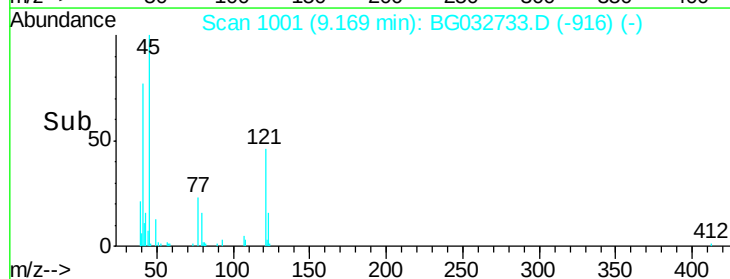
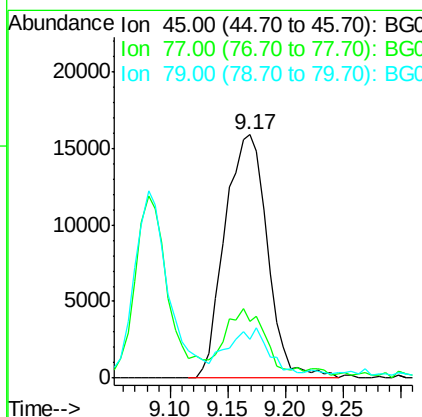
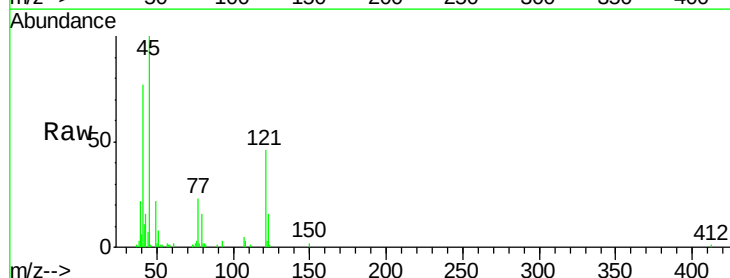
Instrument :
BNA_F
ClientSampled :

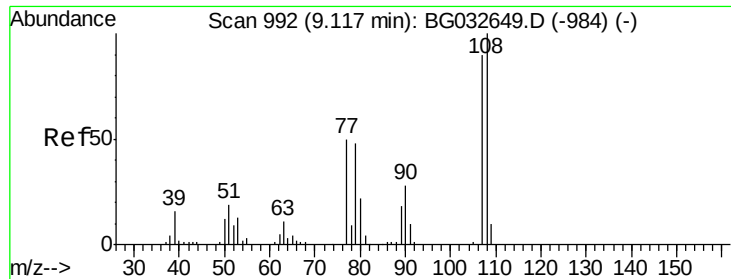
Tot Ion: 79 Resp: 46511
Ion Ratio Lower Upper
79 100
108 58.8 57.2 85.8
77 64.1 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.37 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion: 45 Resp: 40479
Ion Ratio Lower Upper
45 100
77 23.4 0.0 30.2
79 16.1 0.0 27.9

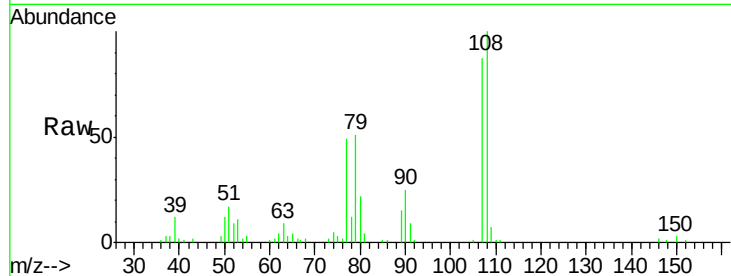




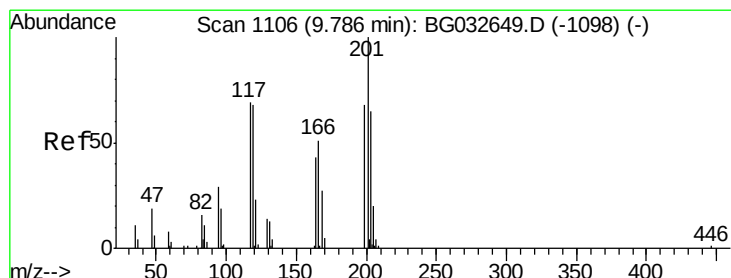
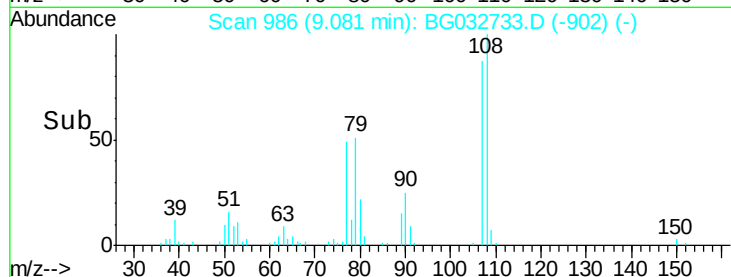
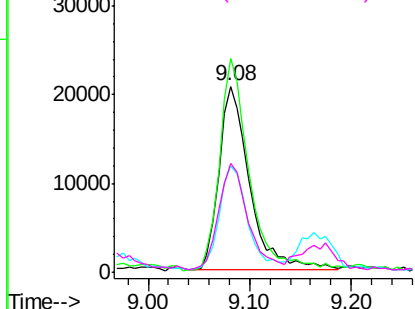
#17
2-Methylphenol
Concen: 37.45 ng
RT: 9.08 min Scan# 986
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	43856
Ion	Ratio	Lower	Upper
107	100		
108	114.7	83.9	125.9
77	56.8	37.2	55.8#
79	58.4	36.2	54.2#

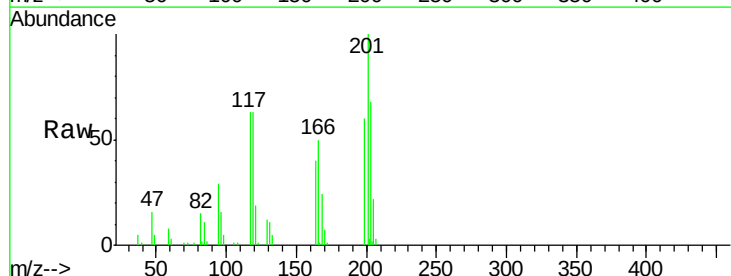


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

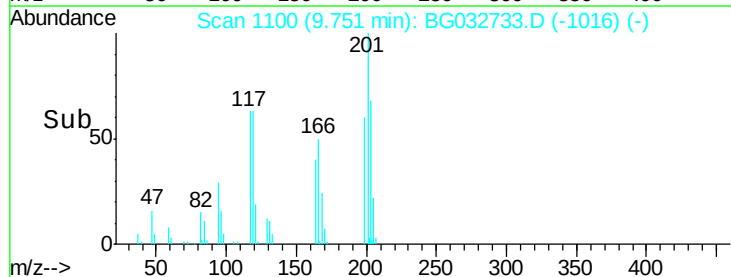
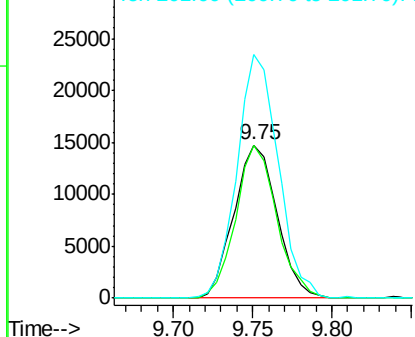


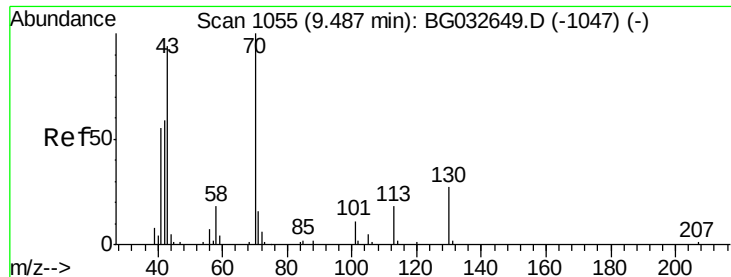
#18
Hexachloroethane
Concen: 38.23 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:	117	Resp:	27816
Ion	Ratio	Lower	Upper
117	100		
119	100.4	76.7	115.1
201	159.3	95.7	143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

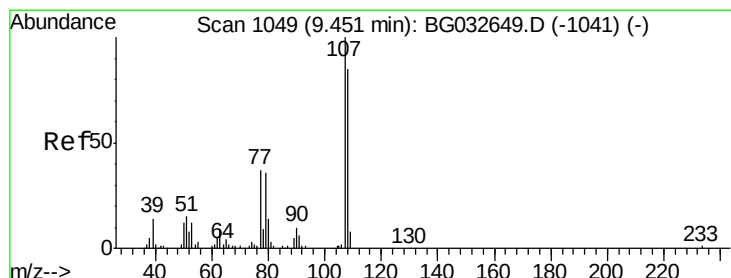
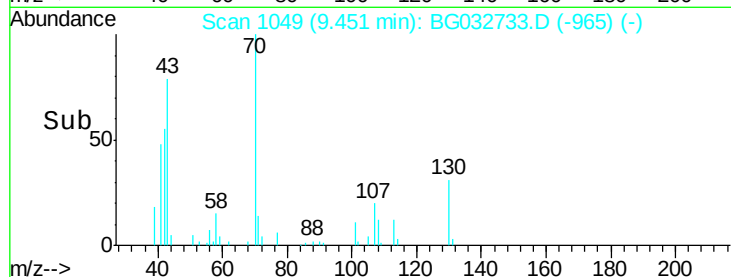
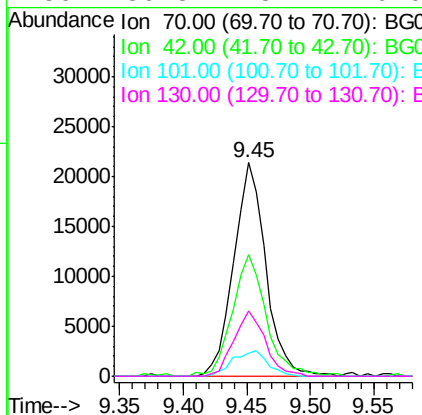
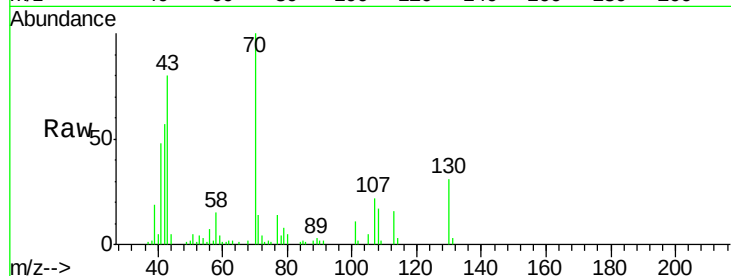




#19
n-Nitroso-di-n-propylamine
Concen: 32.85 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

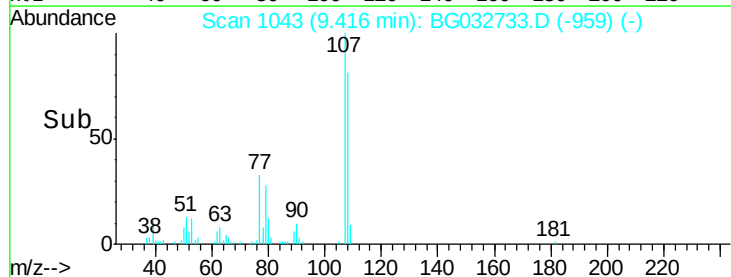
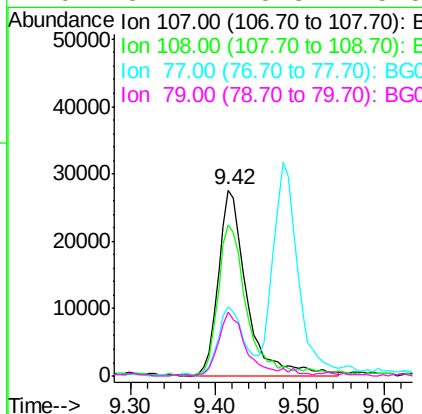
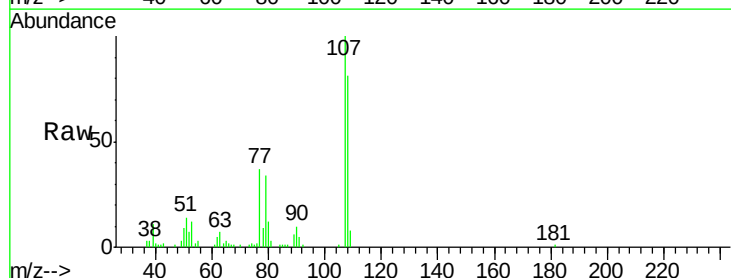
Instrument :
BNA_F
ClientSampleId :

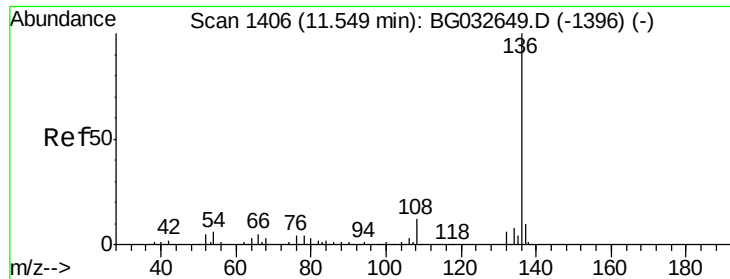
Tot Ion:	70	Resp:	37552
Ion	Ratio	Lower	Upper
70	100		
42	57.1	49.1	73.7
101	10.9	8.5	12.7
130	30.8	13.4	20.0#



#20
3+4-Methylphenols
Concen: 36.73 ng
RT: 9.42 min Scan# 1043
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:	107	Resp:	65015
Ion	Ratio	Lower	Upper
107	100		
108	81.2	61.6	101.6
77	37.3	13.9	53.9
79	34.4	8.8	48.8

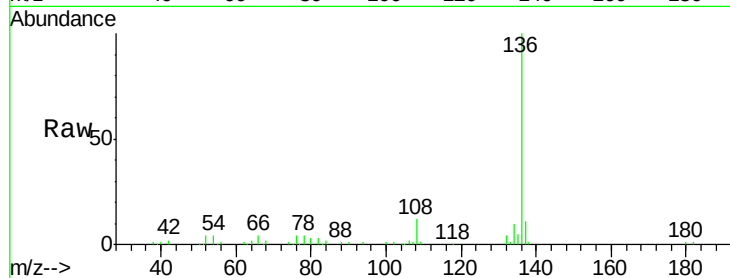




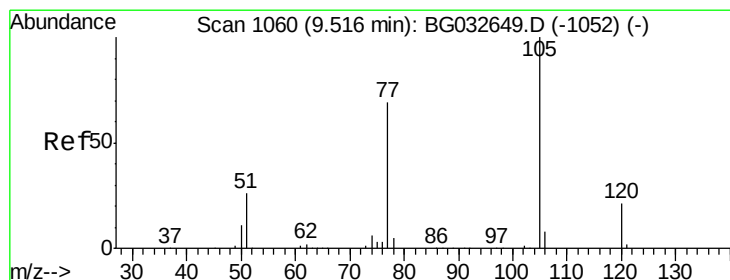
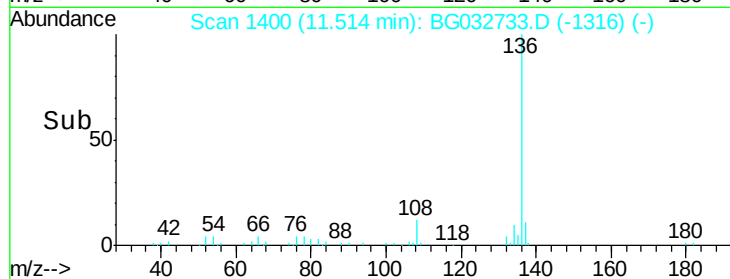
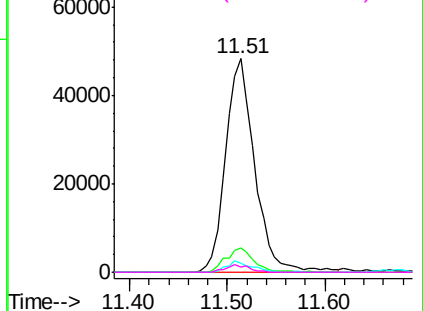
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.51 min Scan# 1400
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	100	117
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	4.4	10.3	15.5#
68	2.2	4.5	6.7#

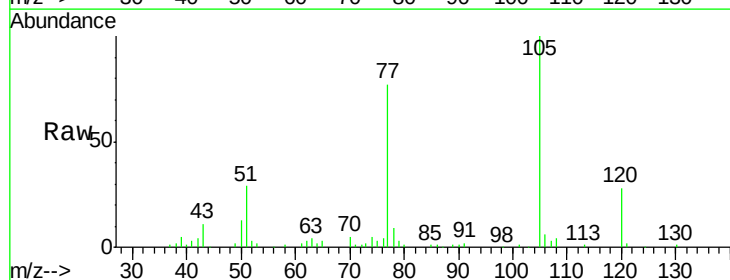


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

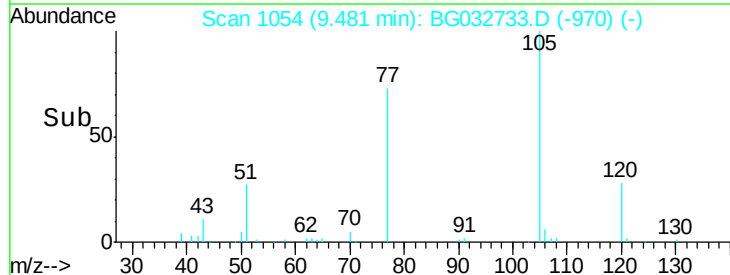
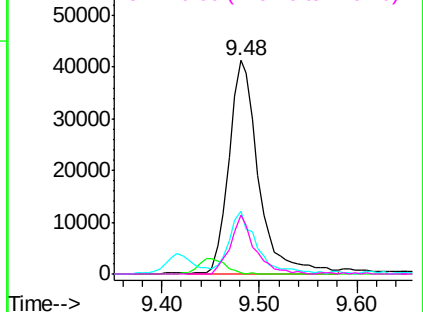


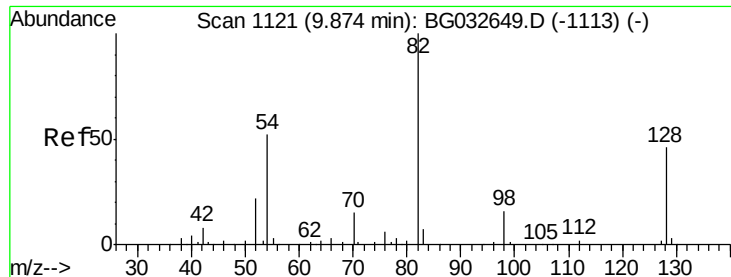
#22
Acetophenone
Concen: 40.94 ng
RT: 9.48 min Scan# 1054
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:105	Resp:	87	179
Ion	Ratio	Lower	Upper
105	100		
71	0.5	3.0	4.4#
51	29.2	26.1	39.1
120	27.6	17.4	26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

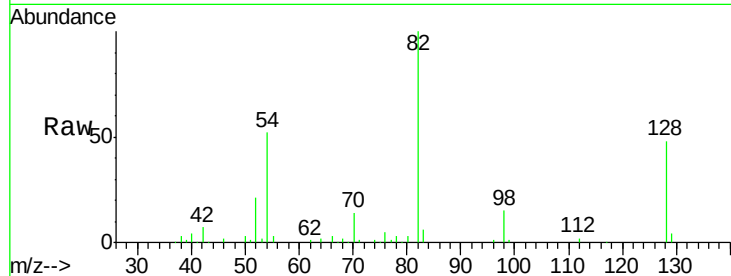




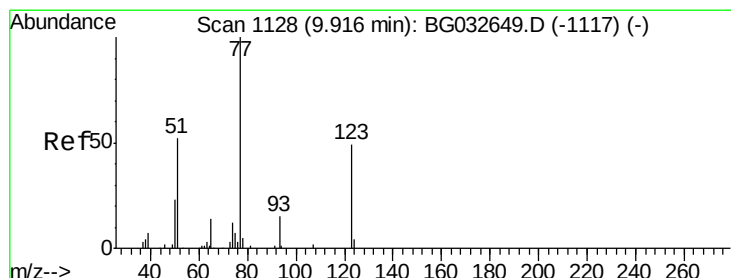
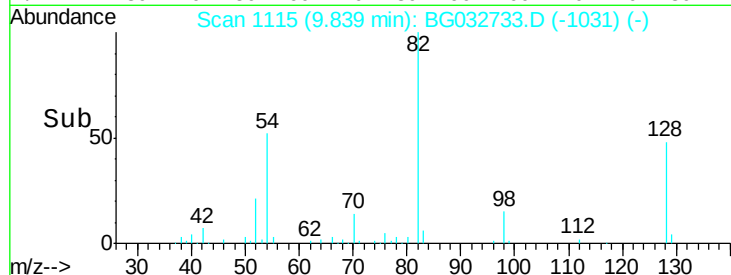
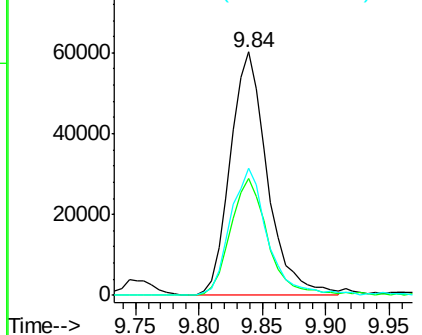
#23
Nitrobenzene-d5
Concen: 77.42 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	121956
Ion Ratio	Lower	Upper	
82	100		
128	47.9	29.7	44.5#
54	52.2	43.1	64.7

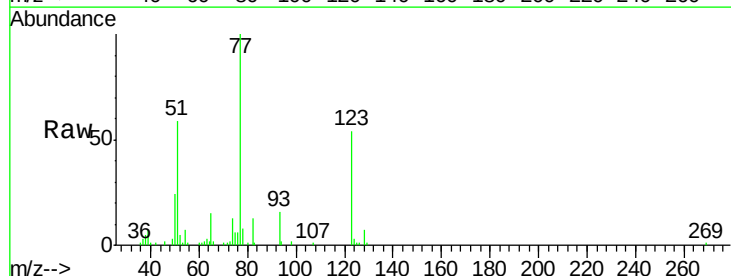


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

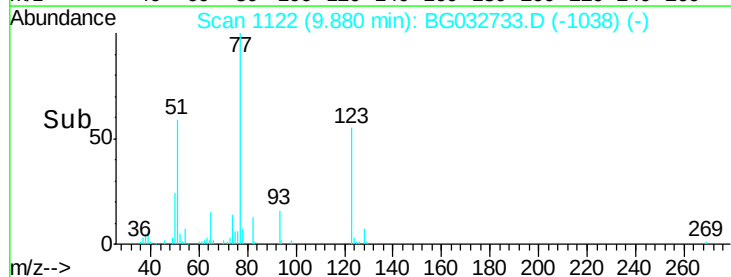
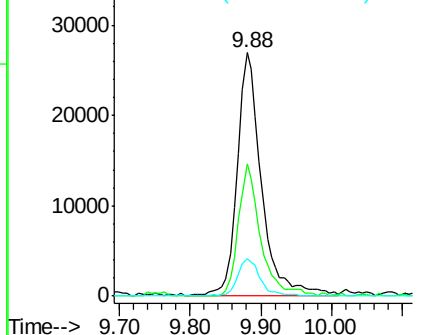


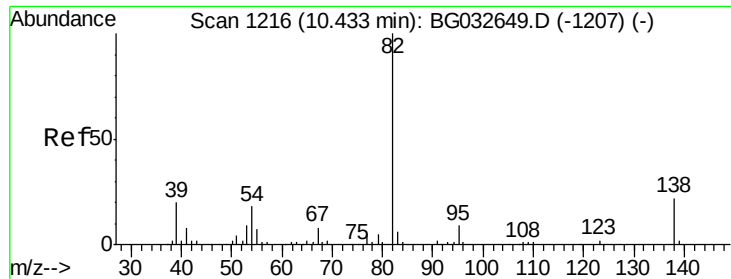
#24
Nitrobenzene
Concen: 39.25 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion	77	Resp	64739
Ion Ratio	Lower	Upper	
77	100		
123	54.1	33.0	49.6#
65	15.2	13.0	19.6



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: 37.06 ng

RT: 10.40 min Scan# 1210

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

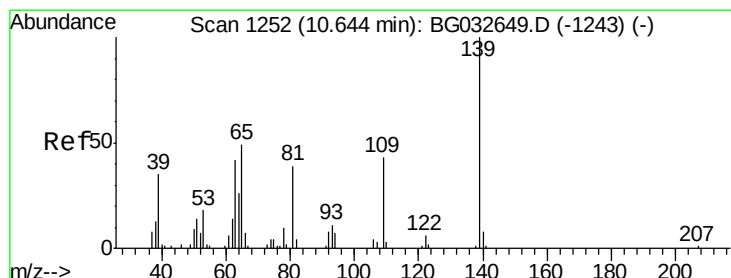
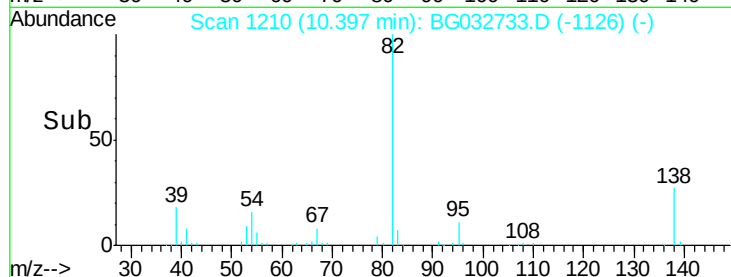
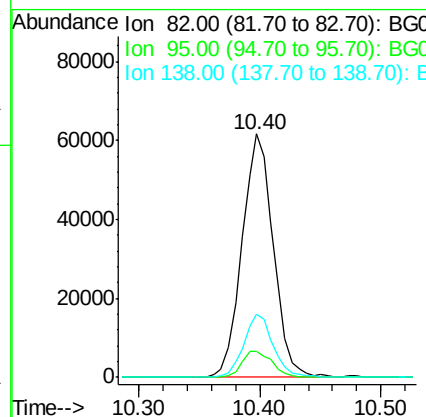
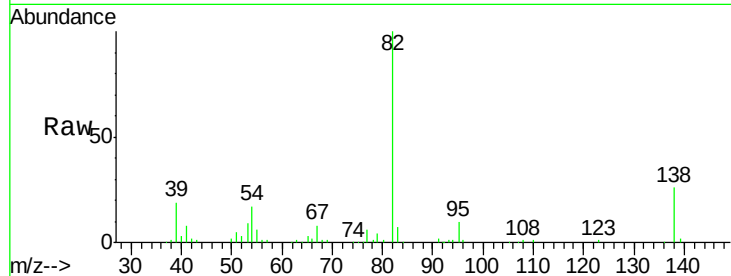
Tot Ion: 82 Resp: 111310

Ion Ratio Lower Upper

82 100

95 10.4 6.2 9.2#

138 26.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.58 ng

RT: 10.60 min Scan# 1245

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

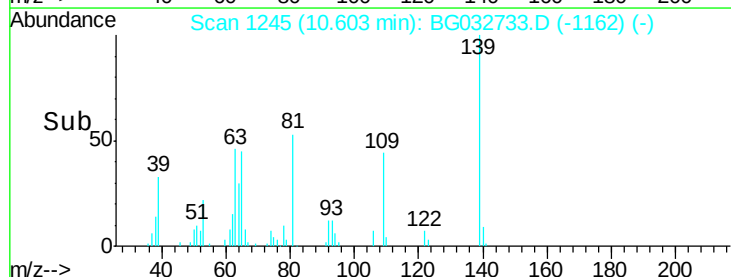
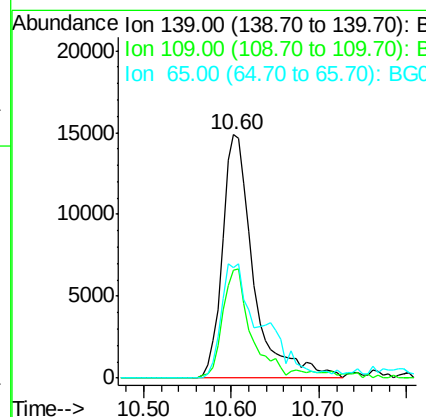
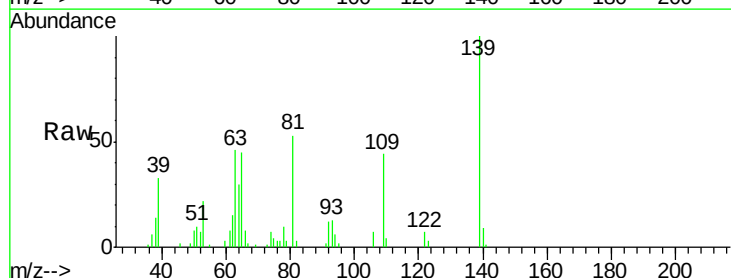
Tgt Ion: 139 Resp: 36683

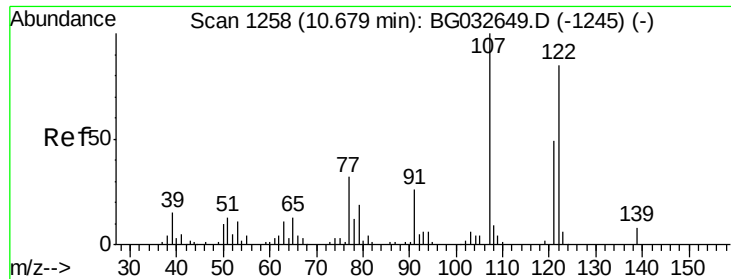
Ion Ratio Lower Upper

139 100

109 44.2 24.2 36.2#

65 45.5 47.4 71.0#

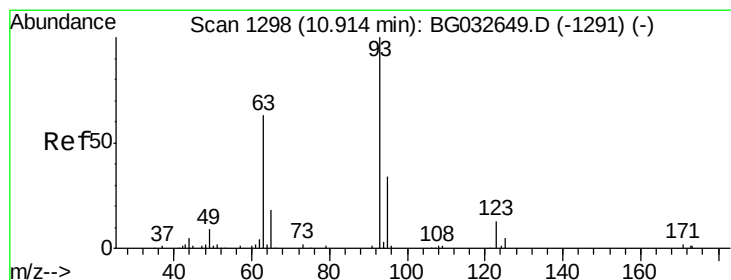
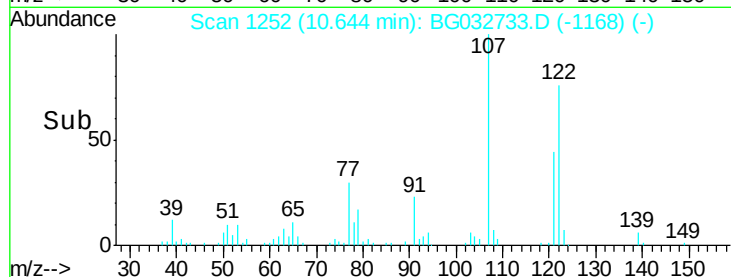
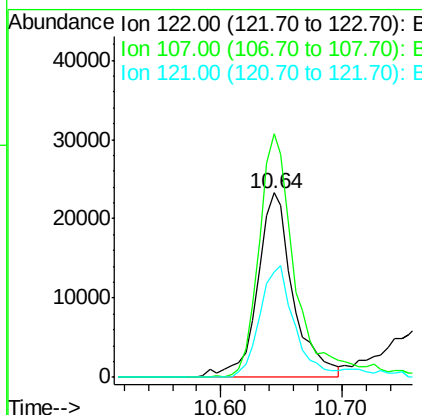
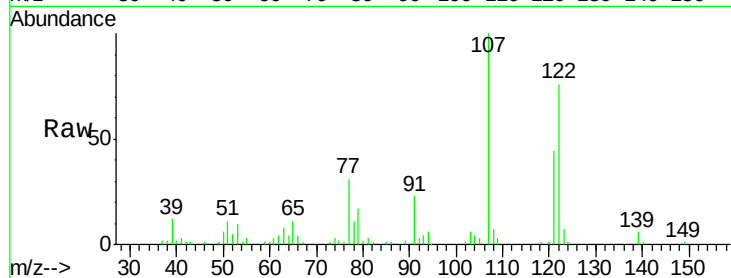




#27
 2,4-Dimethylphenol
 Concen: 41.14 ng
 RT: 10.64 min Scan# 1252
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

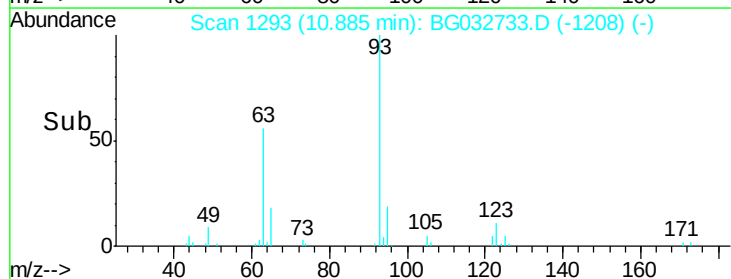
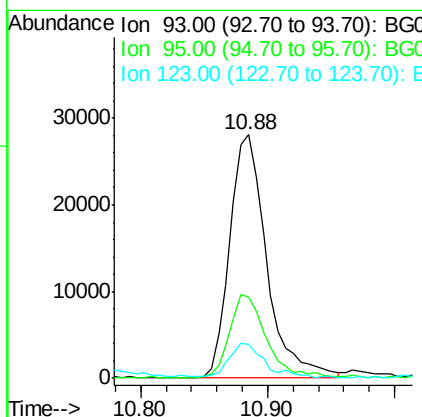
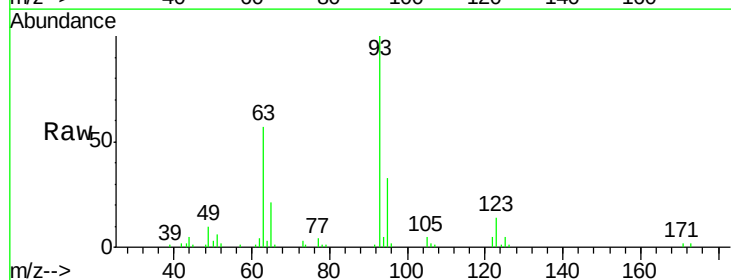
Instrument :
 BNA_F
 ClientSampleId :

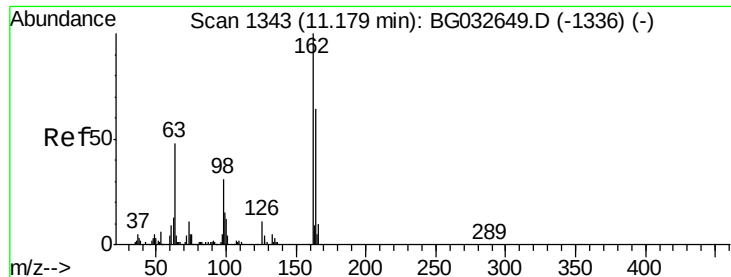
Tot Ion:122 Resp: 47678
 Ion Ratio Lower Upper
 122 100
 107 132.2 100.2 150.2
 121 57.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.99 ng
 RT: 10.88 min Scan# 1293
 Delta R.T. -0.03 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion: 93 Resp: 56791
 Ion Ratio Lower Upper
 93 100
 95 33.4 24.3 36.5
 123 14.0 8.4 12.6#

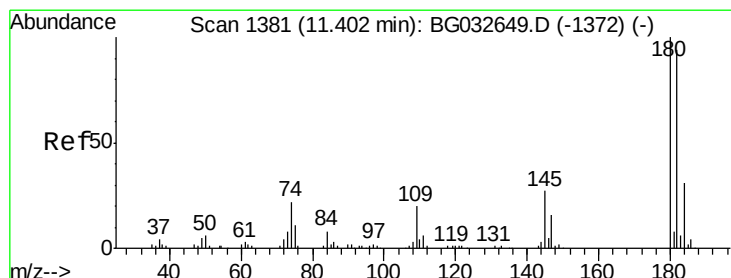
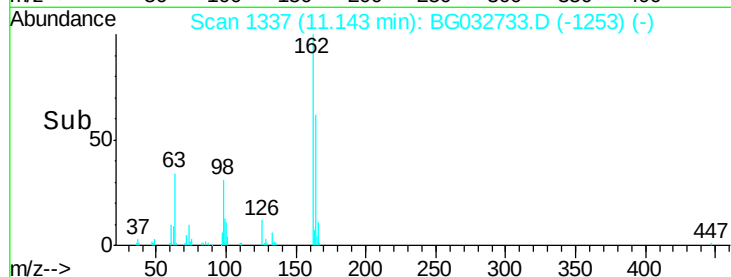
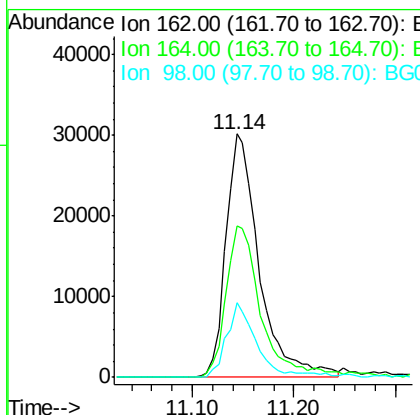
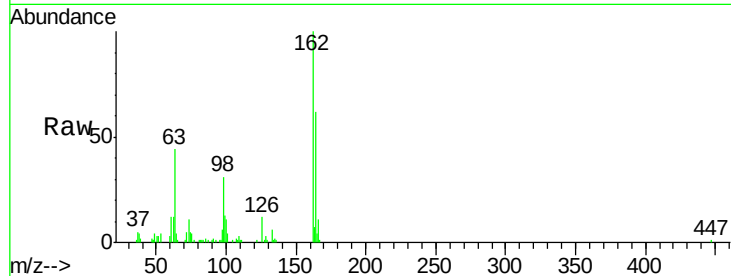




#29
 2,4-Dichlorophenol
 Concen: 40.49 ng
 RT: 11.14 min Scan# 1337
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

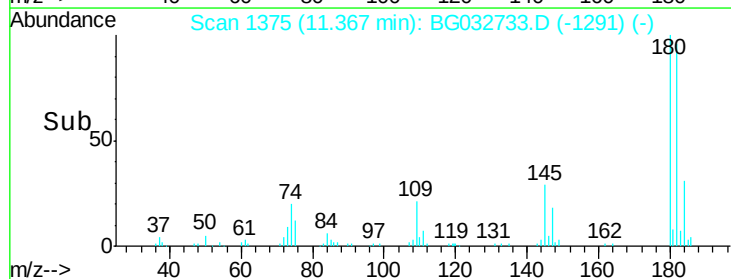
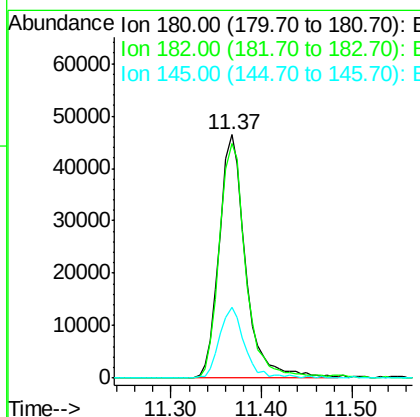
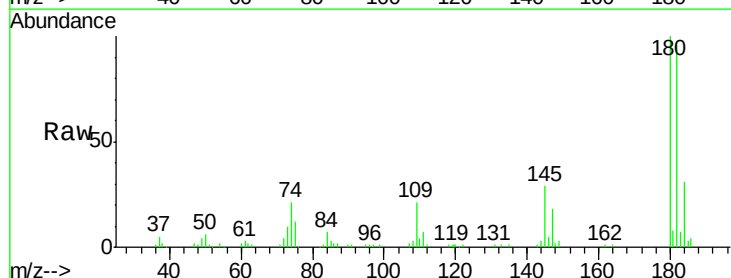
Instrument :
 BNA_F
 ClientSampleId :

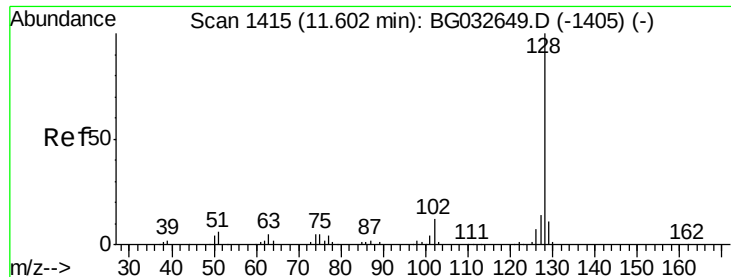
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	48.0	88.0
98	30.5	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.39 ng
 RT: 11.37 min Scan# 1375
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.5	116.3
145	29.2	23.4	35.2

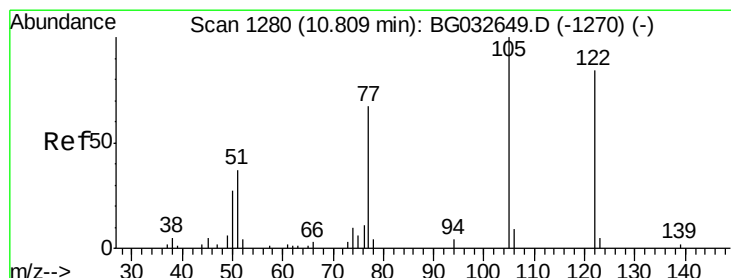
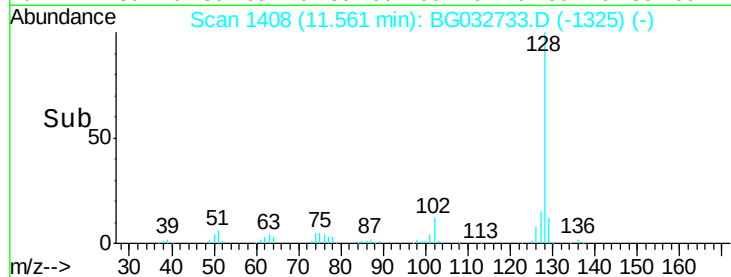
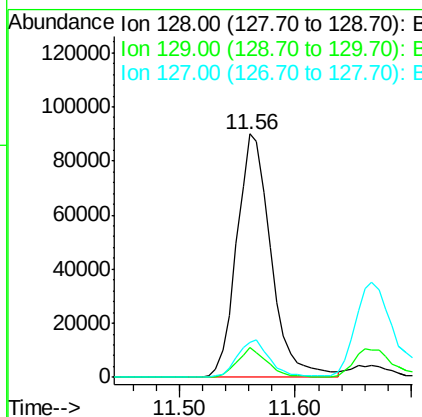
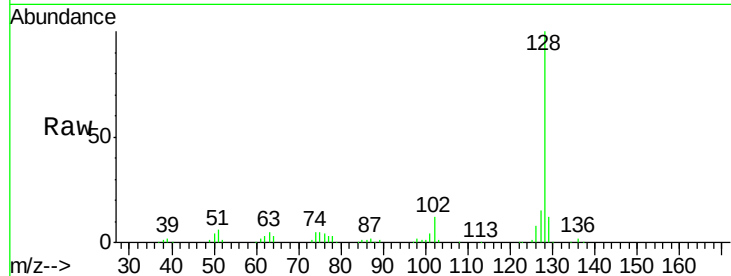




#31
Naphthalene
Concen: 38.04 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

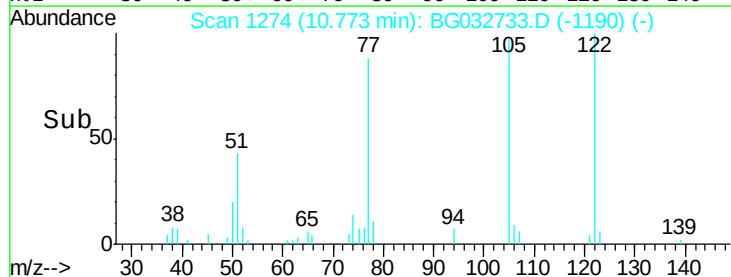
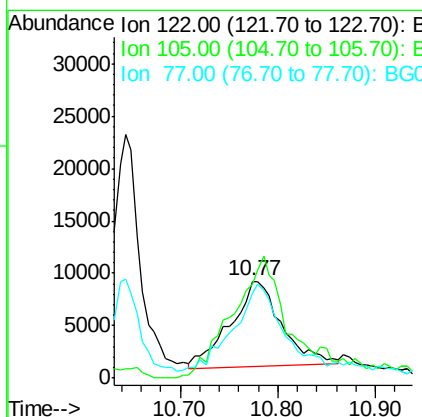
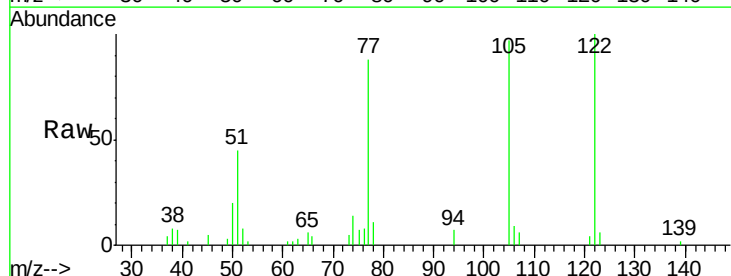
Instrument :
BNA_F
ClientSampleId :

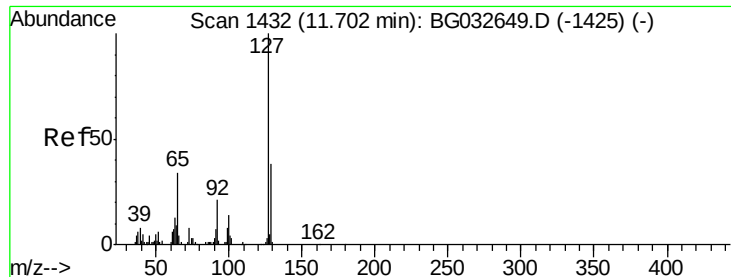
Tot Ion:128 Resp: 184946
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 14.6 11.6 17.4



#32
Benzoic acid
Concen: 33.63 ng
RT: 10.77 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:122 Resp: 29891
Ion Ratio Lower Upper
122 100
105 96.9 123.5 163.5#
77 88.1 85.7 125.7

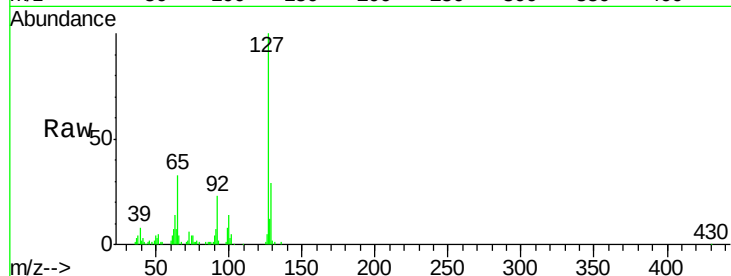




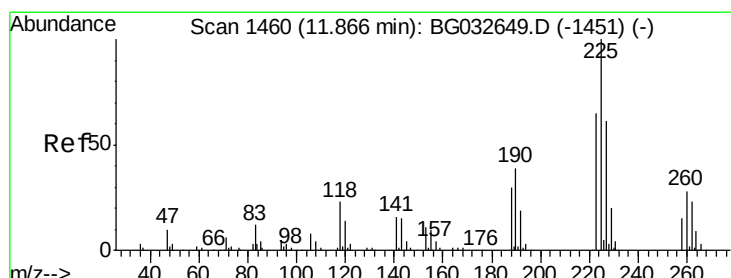
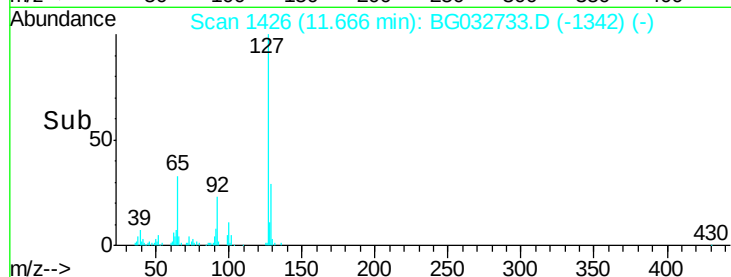
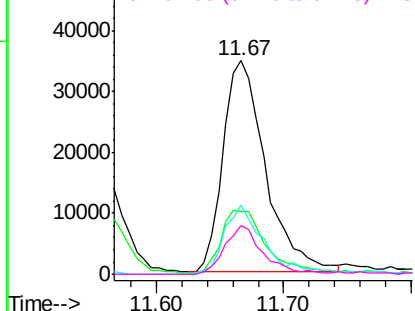
#33
4-Chloroaniline
Concen: 41.95 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	80922
Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.0	36.0
65	32.6	27.0	40.4
92	23.0	16.6	25.0

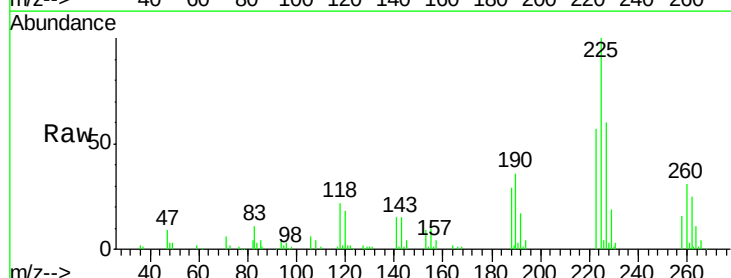


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

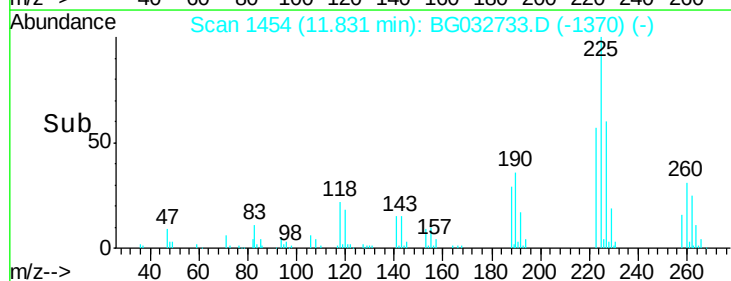
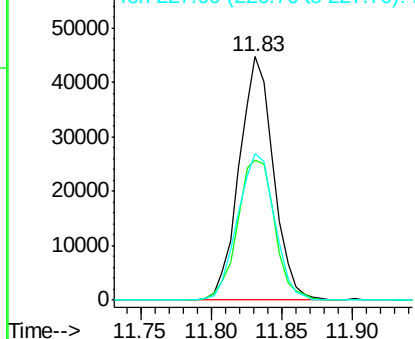


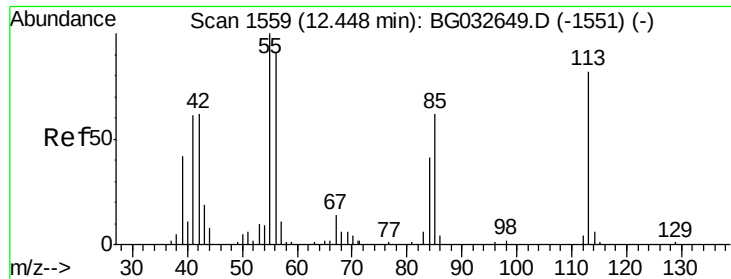
#34
Hexachlorobutadiene
Concen: 38.83 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:	225	Resp:	75672
Ion	Ratio	Lower	Upper
225	100		
223	57.3	49.7	74.5
227	60.2	48.1	72.1



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: 44.39 ng

RT: 12.42 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampled :

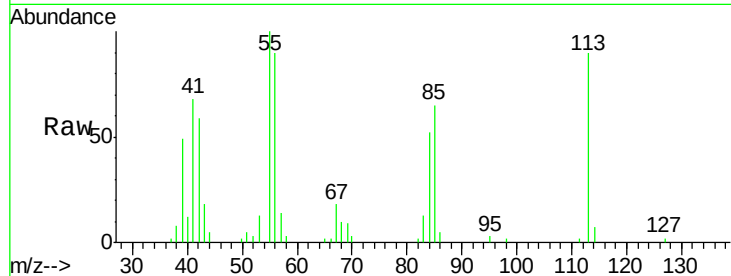
Tot Ion:113 Resp: 21384

Ion Ratio Lower Upper

113 100

55 110.8 186.9 226.9#

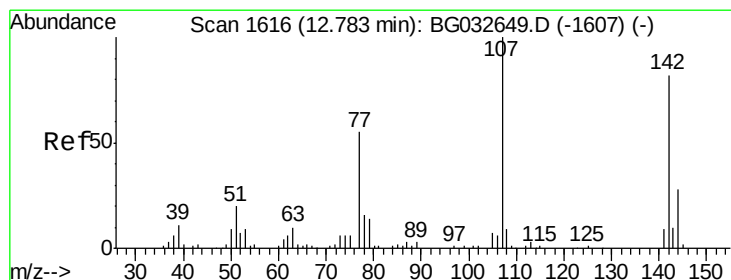
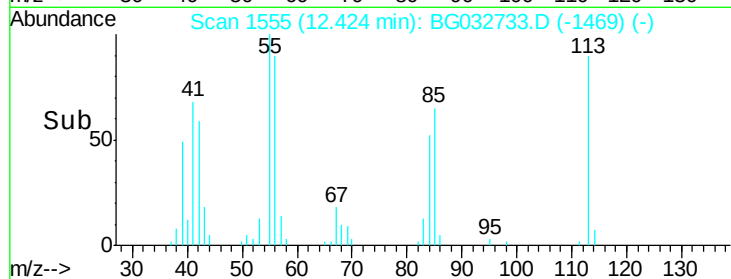
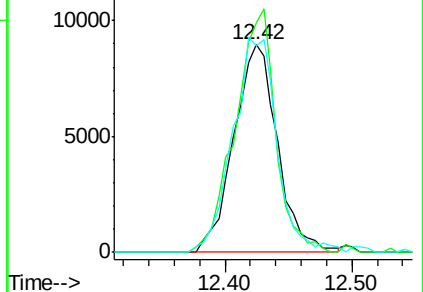
56 99.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.31 ng

RT: 12.75 min Scan# 1611

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

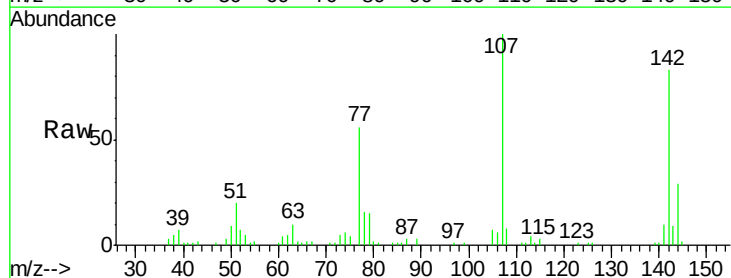
Tgt Ion:107 Resp: 66090

Ion Ratio Lower Upper

107 100

144 28.5 18.2 27.4#

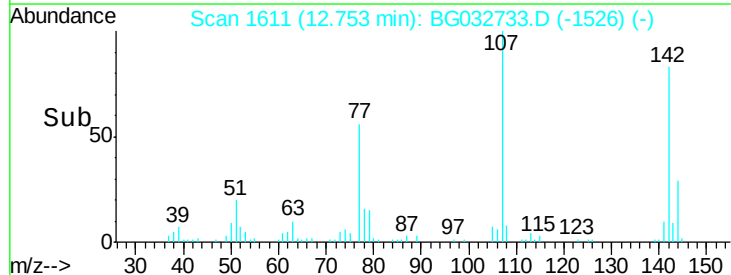
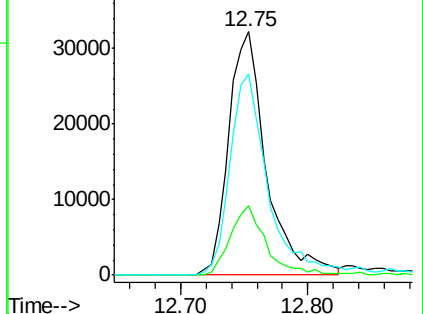
142 82.9 59.0 88.4

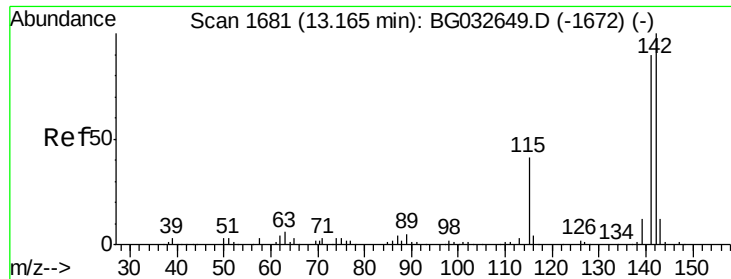


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.42 ng

RT: 13.14 min Scan# 1676

Delta R.T. -0.03 min

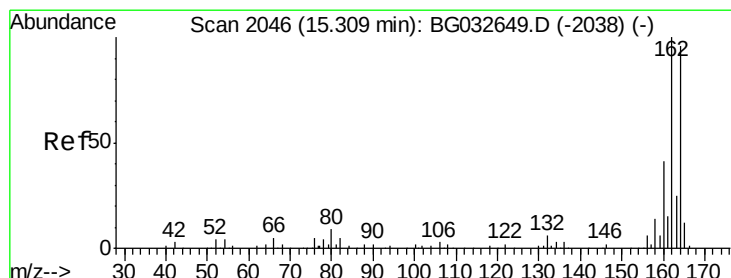
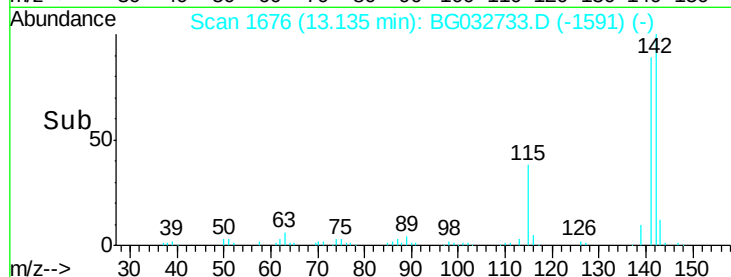
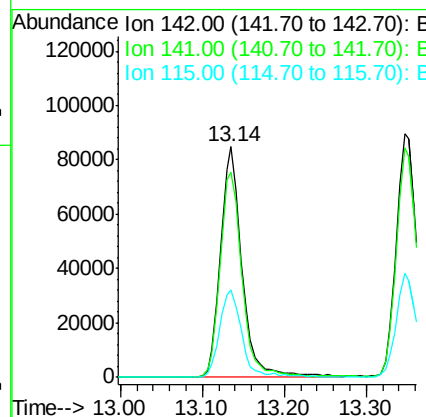
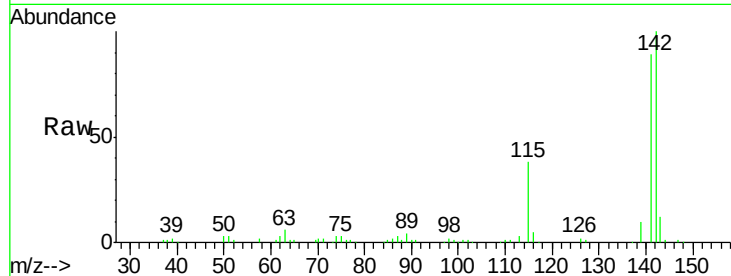
Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 155424

Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.1	100.7
115	38.1	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.28 min Scan# 2041

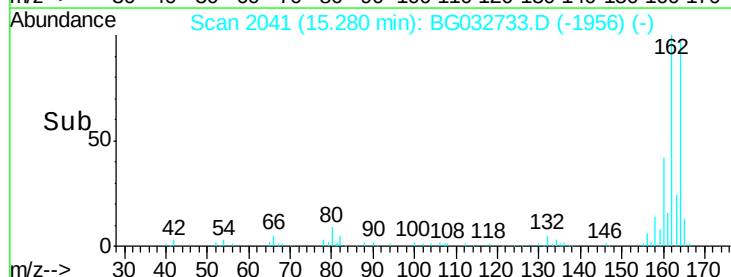
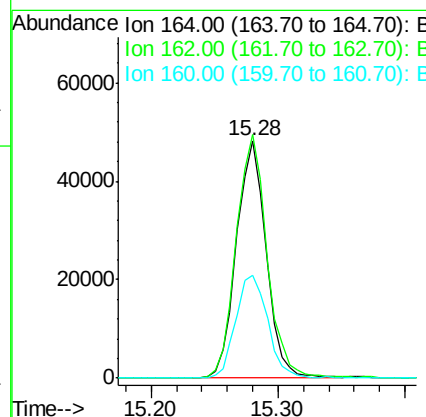
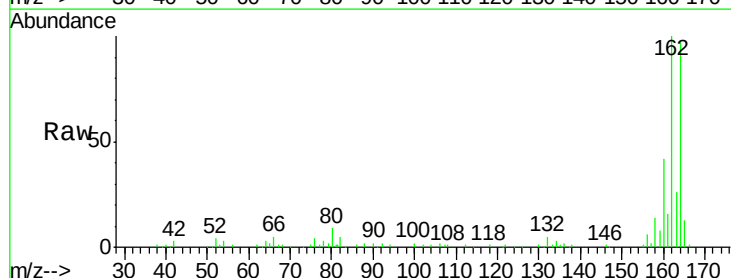
Delta R.T. -0.03 min

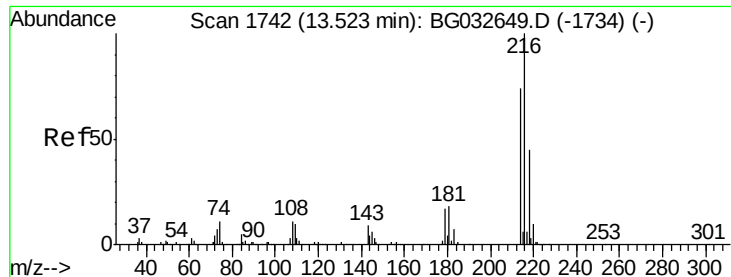
Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Tgt Ion:164 Resp: 78055

Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	43.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.08 ng

RT: 13.49 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG032733.D

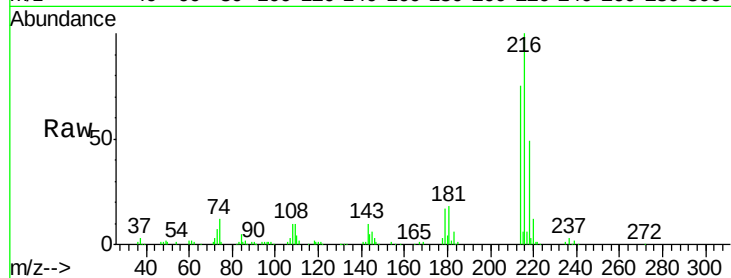
Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	129312
Ion	Ratio	Lower	Upper
216	100		
214	75.0	63.0	94.4
179	18.8	17.0	25.6
108	12.2	12.8	19.2#

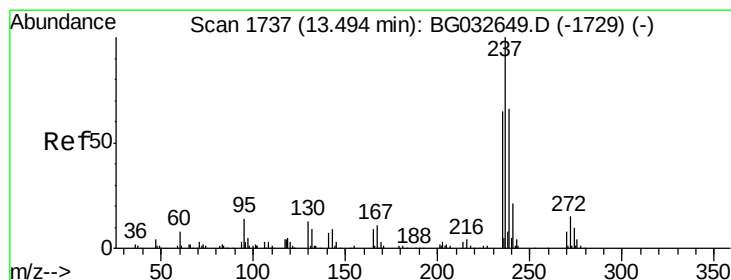
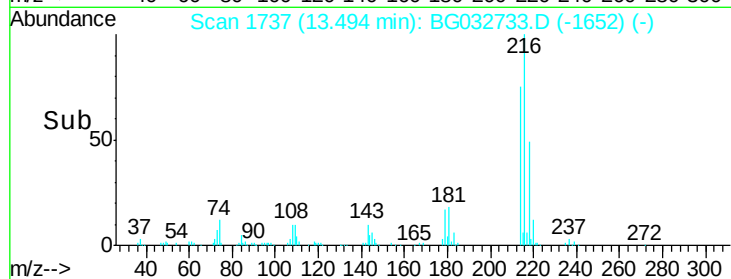
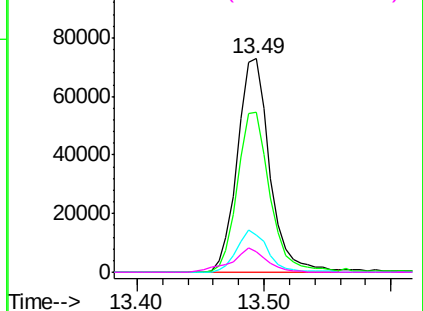


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.98 ng

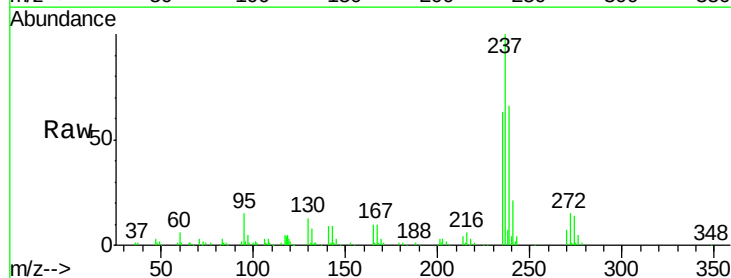
RT: 13.46 min Scan# 1732

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

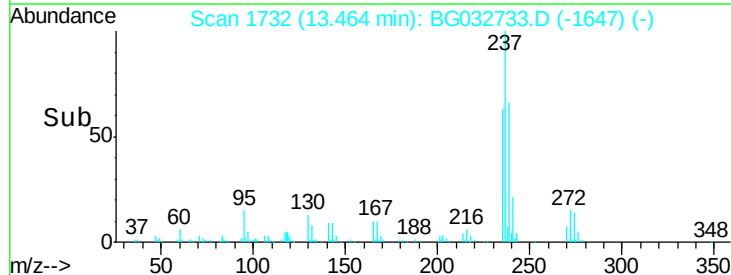
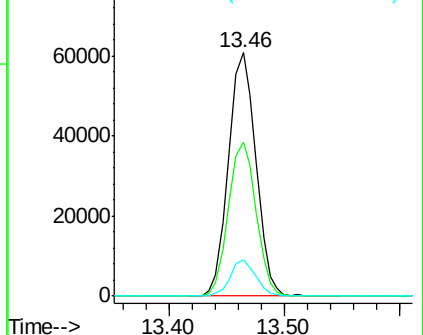
Tgt Ion:	237	Resp:	100280
Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.4	90.4
272	15.1	0.0	31.8

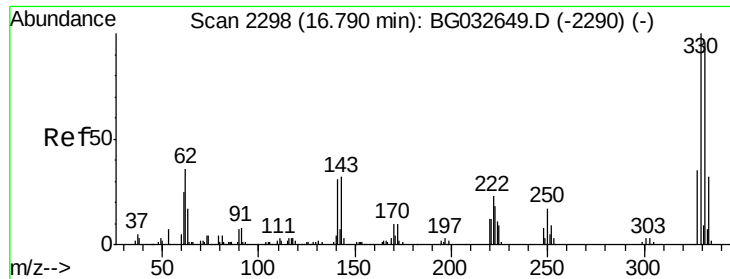


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

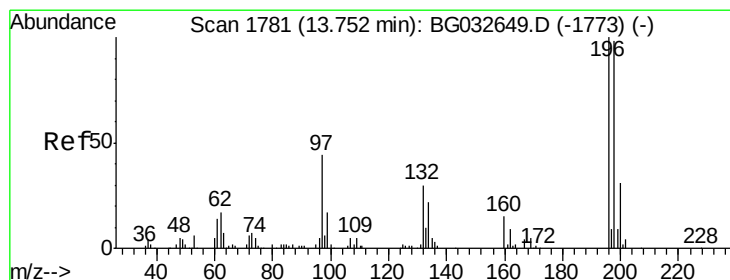
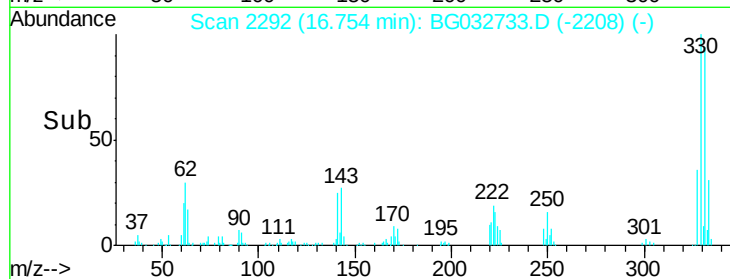
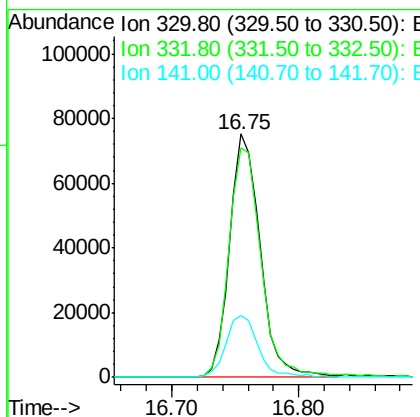
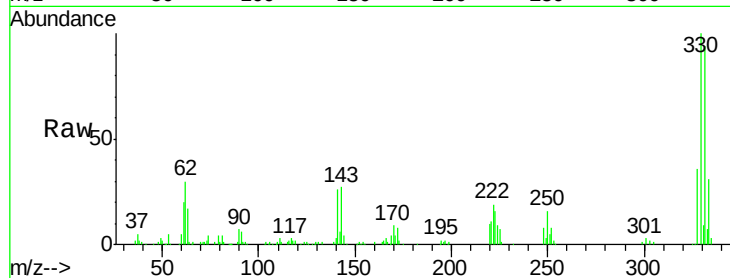




#41
 2,4,6-Tribromophenol
 Concen: 104.57 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

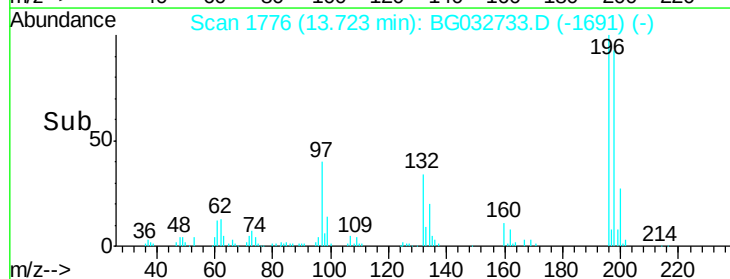
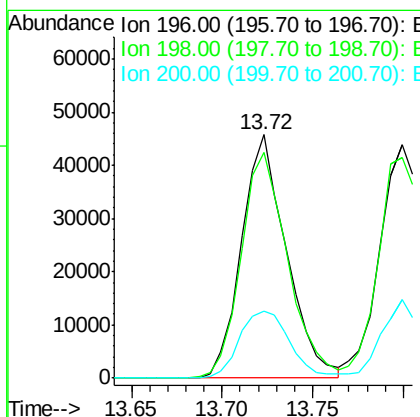
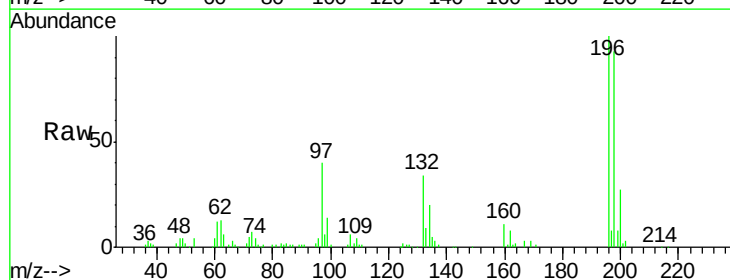
Instrument :
 BNA_F
 ClientSampled :

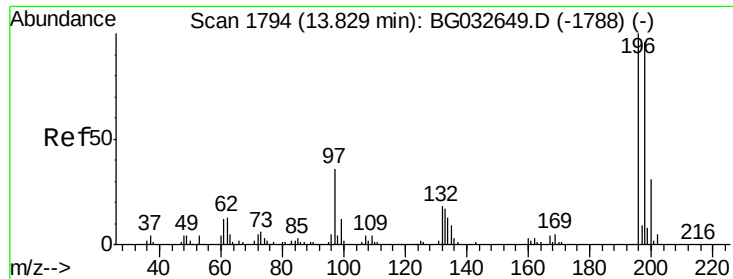
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	27.2	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 42.72 ng
 RT: 13.72 min Scan# 1776
 Delta R.T. -0.03 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	78.2	117.2
200	27.4	24.6	36.8

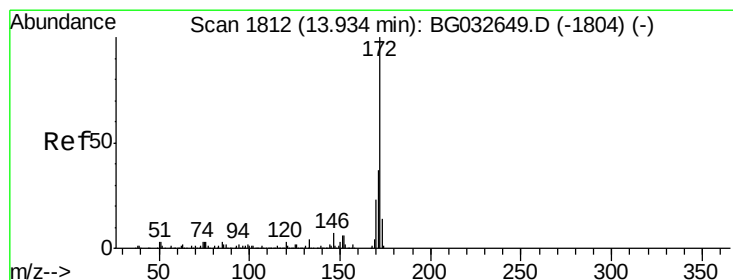
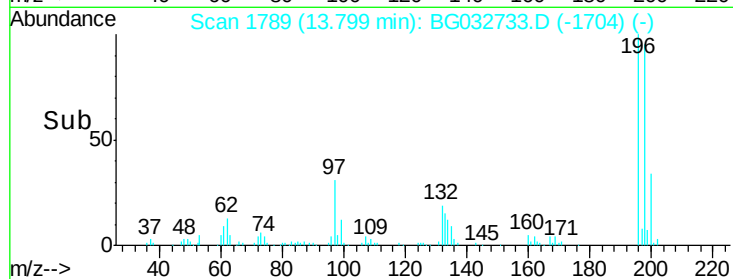
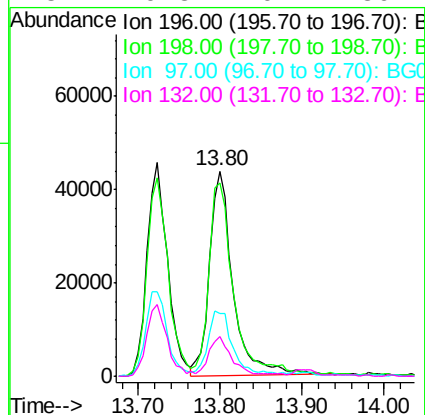
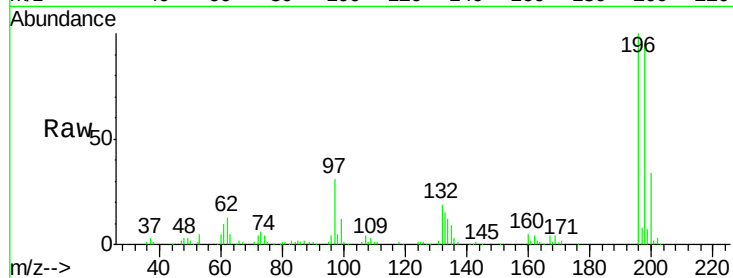




#43
2,4,5-Trichlorophenol
Concen: 38.14 ng
RT: 13.80 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

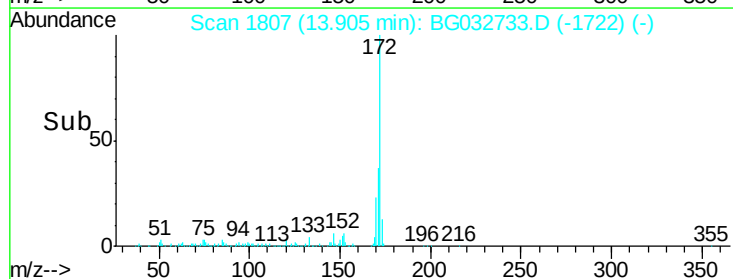
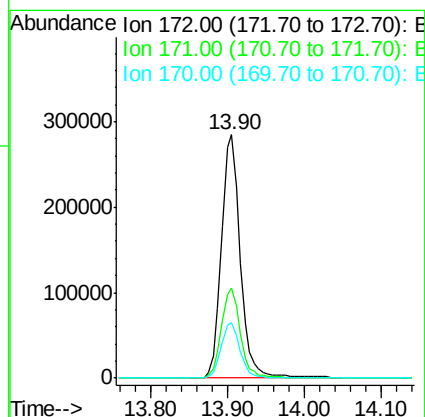
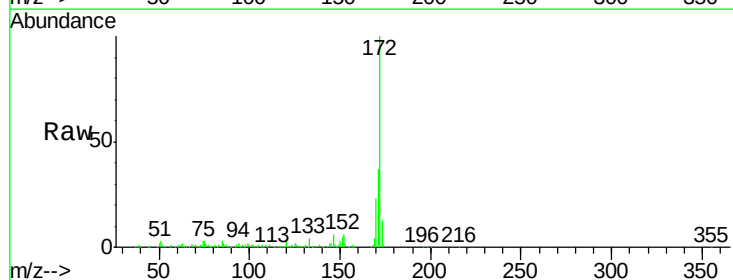
Instrument :
BNA_F
ClientSampleId :

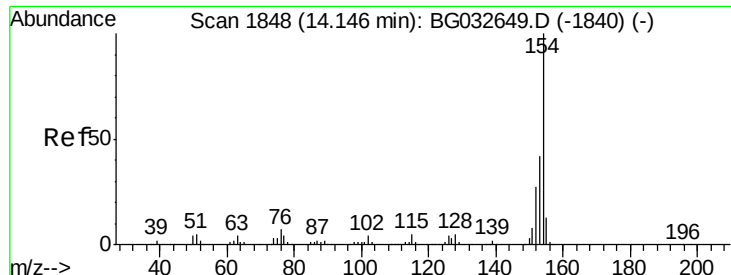
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.4
97	30.7	38.7	58.1#
132	19.3	20.2	30.2#



#44
2-Fluorobiphenyl
Concen: 77.53 ng
RT: 13.90 min Scan# 1807
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	22.5	19.5	29.3

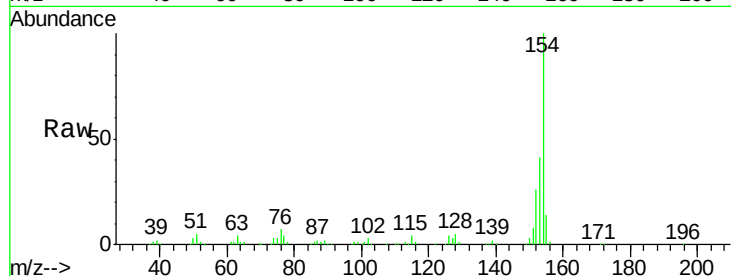




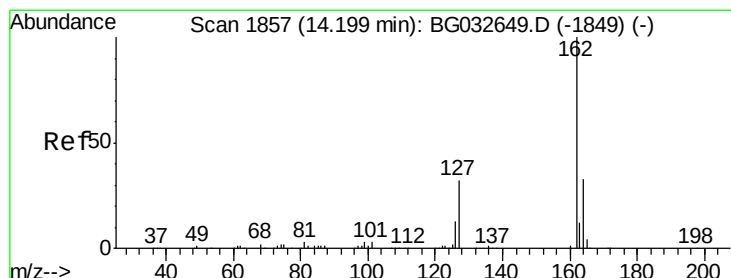
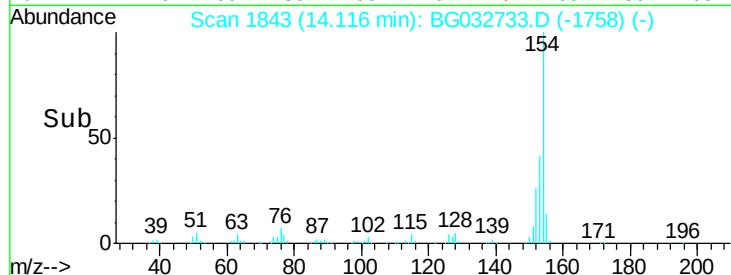
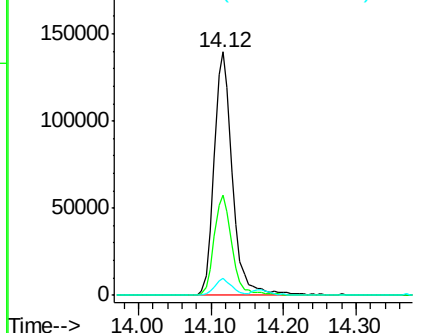
#45
 1,1'-Biphenyl
 Concen: 38.18 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 245222
 Ion Ratio Lower Upper
 154 100
 153 41.4 19.8 59.8
 76 6.8 0.0 31.9

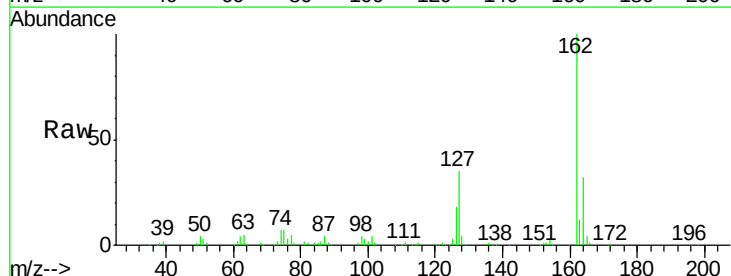


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

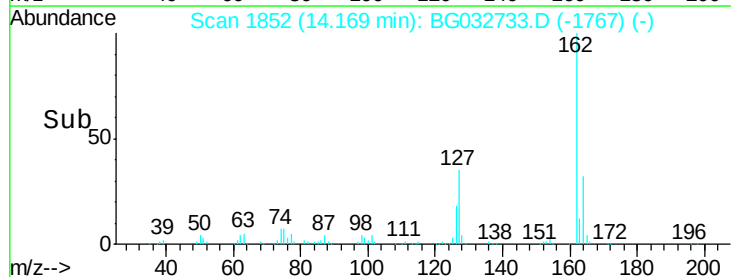
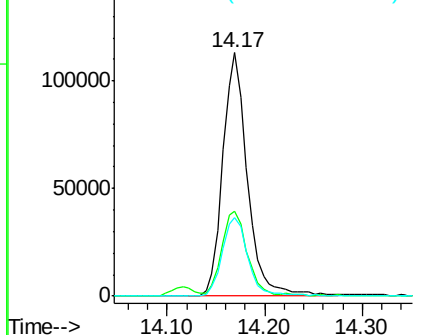


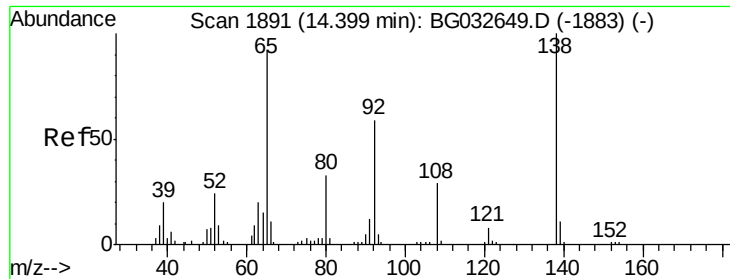
#46
 2-Chloronaphthalene
 Concen: 39.09 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.03 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion:162 Resp: 198672
 Ion Ratio Lower Upper
 162 100
 127 34.8 30.7 46.1
 164 32.5 26.0 39.0



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





#47

2-Nitroaniline

Concen: 35.31 ng

RT: 14.36 min Scan# 1885

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

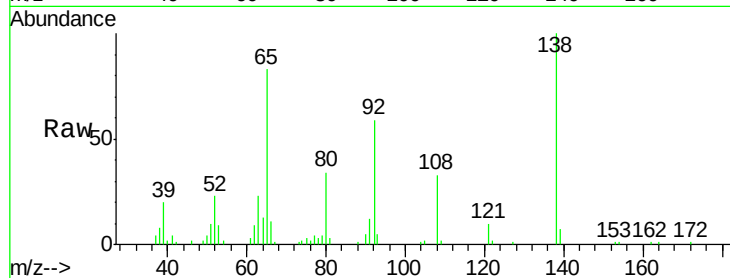
Tot Ion: 65 Resp: 39037

Ion Ratio Lower Upper

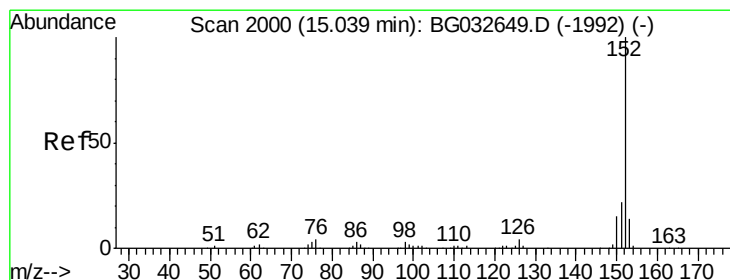
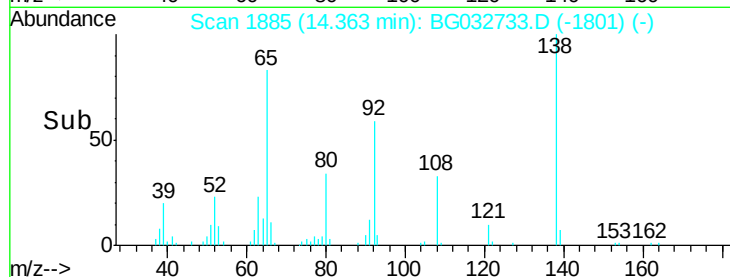
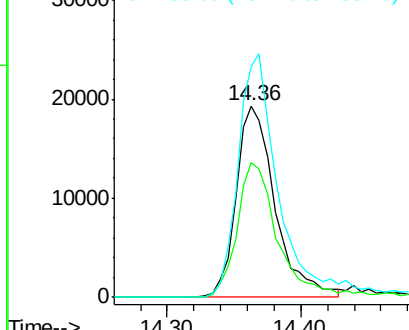
65 100

92 70.5 54.6 82.0

138 120.4 72.9 109.3#



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



#48

Acenaphthylene

Concen: 35.55 ng

RT: 15.00 min Scan# 1994

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

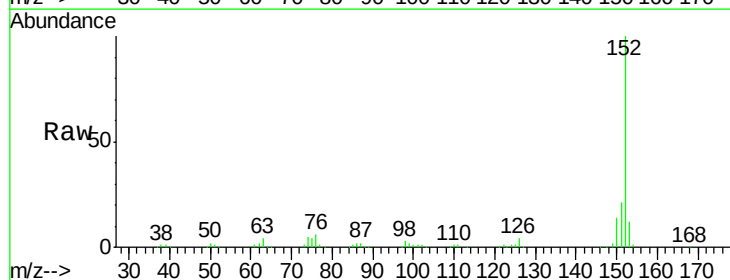
Tgt Ion: 152 Resp: 265770

Ion Ratio Lower Upper

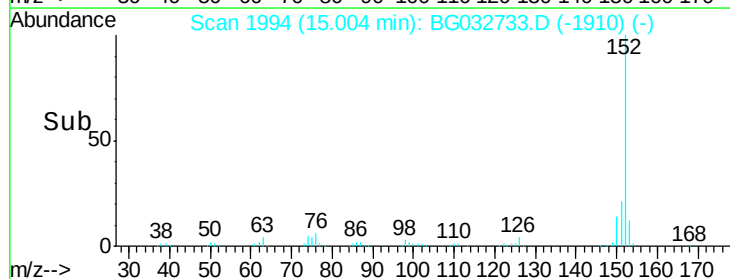
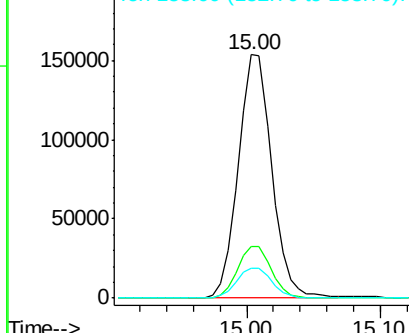
152 100

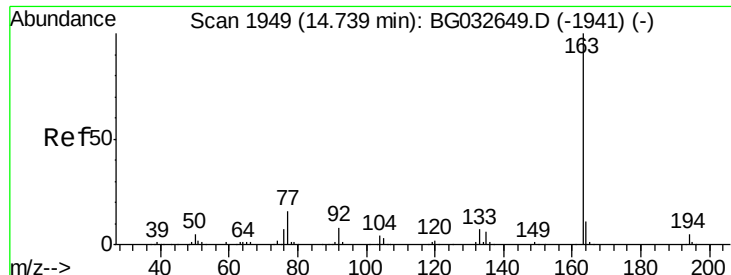
151 21.0 17.2 25.8

153 12.1 10.2 15.4



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





#49

Dimethylphthalate

Concen: 34.31 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.03 min

Lab File: BG032733.D

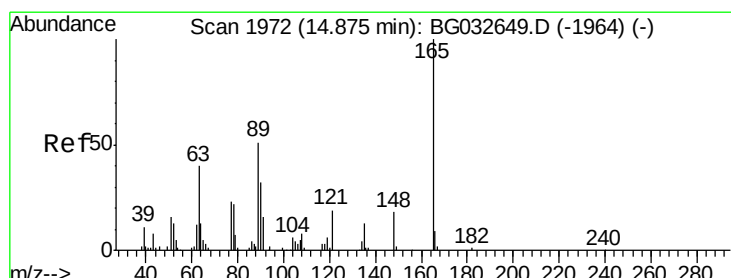
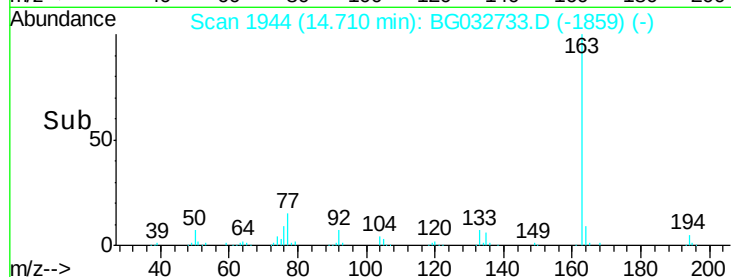
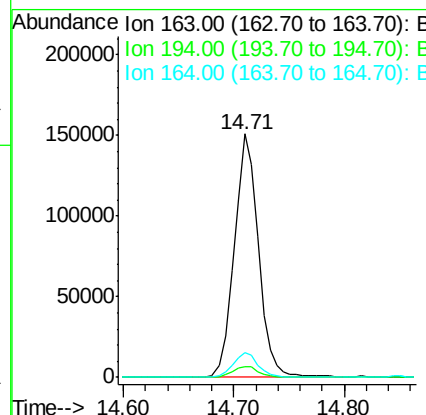
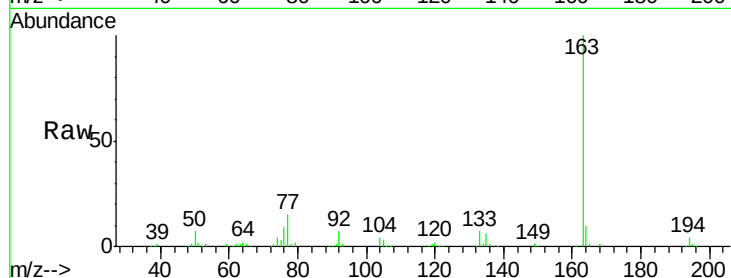
Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	231523
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.4 5.2
164	10.3	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 36.39 ng

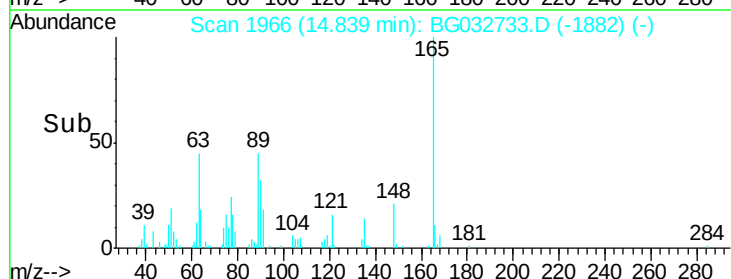
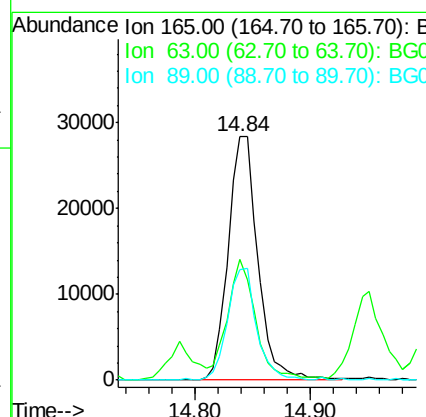
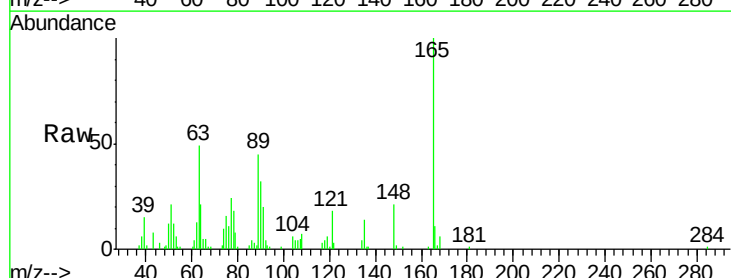
RT: 14.84 min Scan# 1966

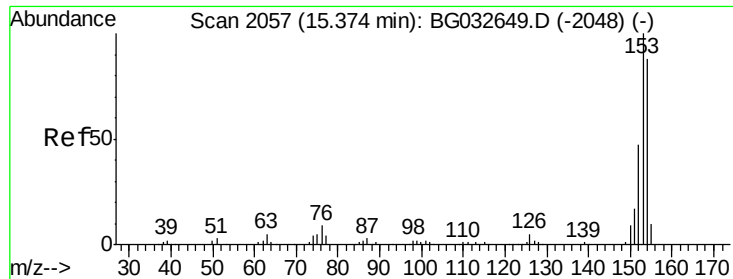
Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Tgt Ion:165	Resp:	50565
Ion Ratio	Lower	Upper
165	100	
63	49.4	52.7 79.1#
89	45.1	49.2 73.8#





#51

Acenaphthene

Concen: 40.99 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

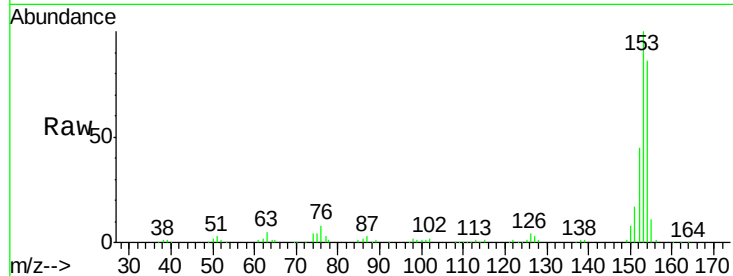
Tot Ion:154 Resp: 209321

Ion Ratio Lower Upper

154 100

153 116.8 90.4 135.6

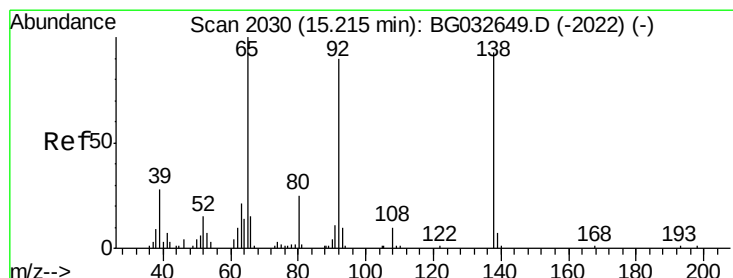
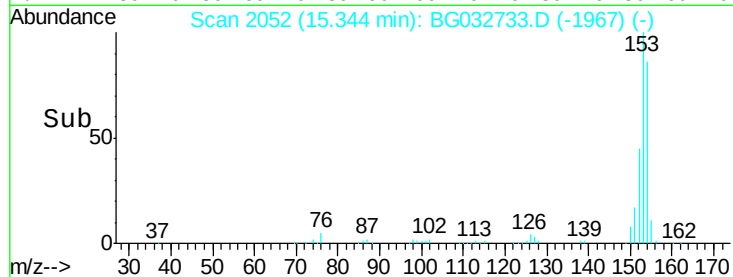
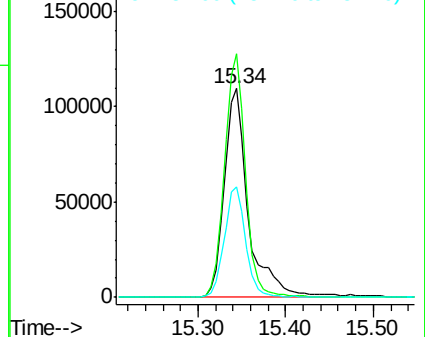
152 53.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.96 ng

RT: 15.18 min Scan# 2024

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

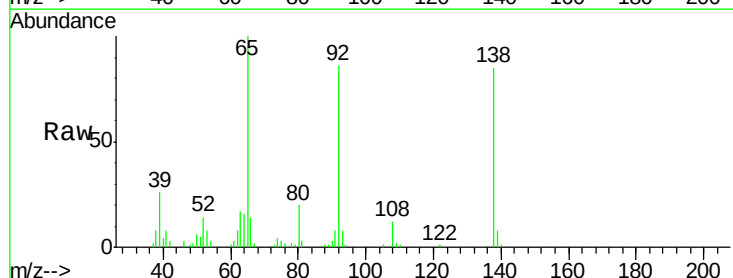
Tgt Ion:138 Resp: 50255

Ion Ratio Lower Upper

138 100

108 14.4 17.5 26.3#

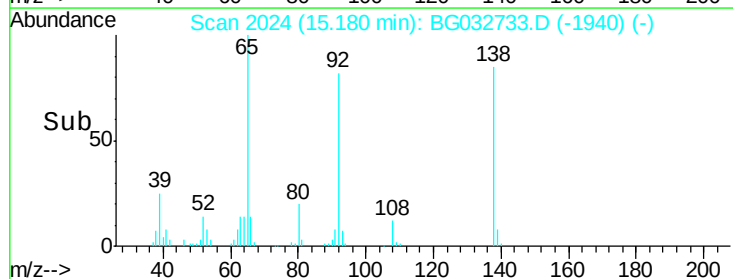
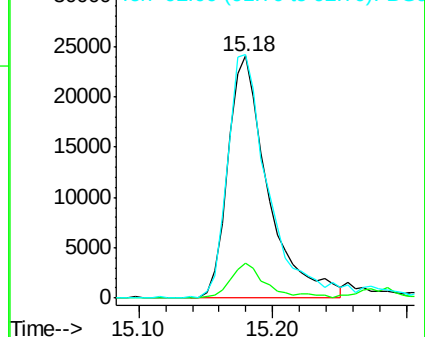
92 100.6 105.8 158.8#

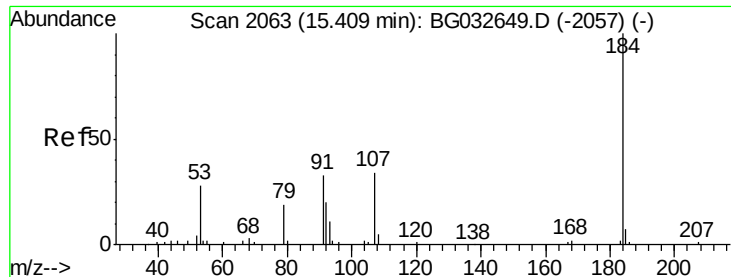


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 56.33 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

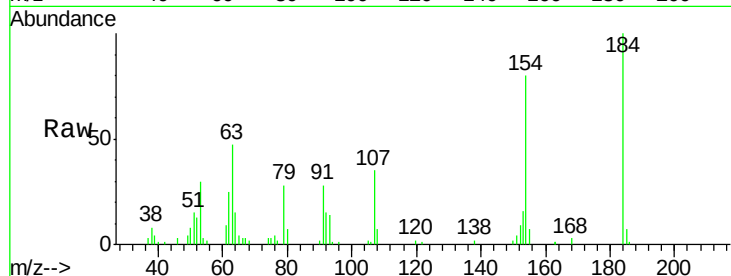
Tot Ion:184 Resp: 39262

Ion Ratio Lower Upper

184 100

63 47.0 59.8 89.8#

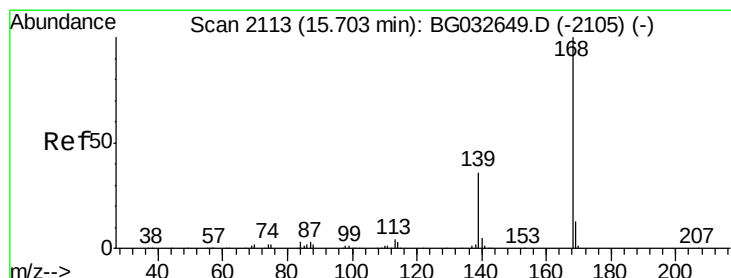
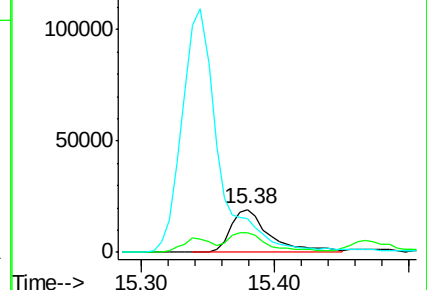
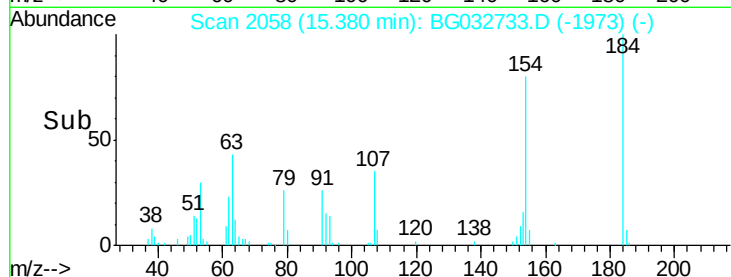
154 79.9 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.66 ng

RT: 15.67 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

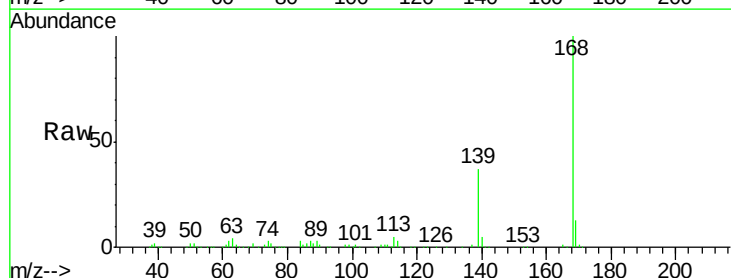
Tgt Ion:168 Resp: 301311

Ion Ratio Lower Upper

168 100

139 37.0 28.6 43.0

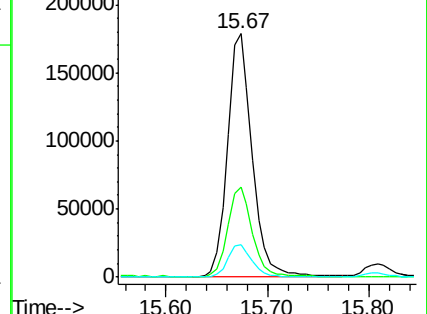
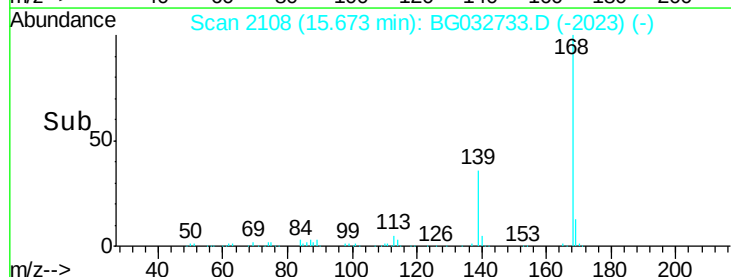
169 13.4 11.2 16.8

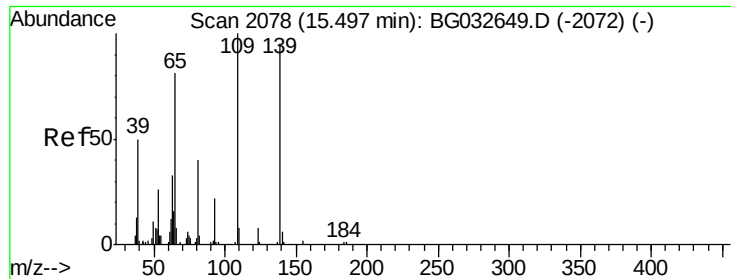


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

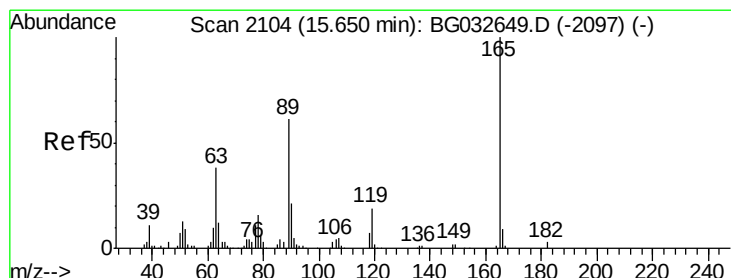
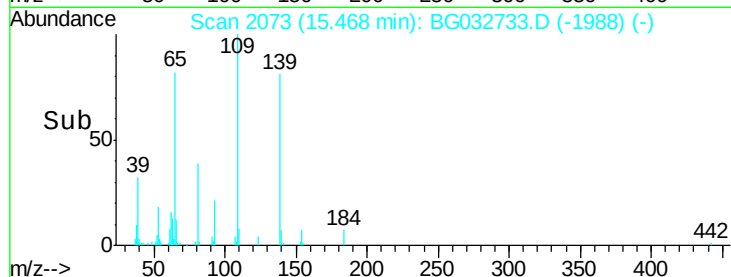
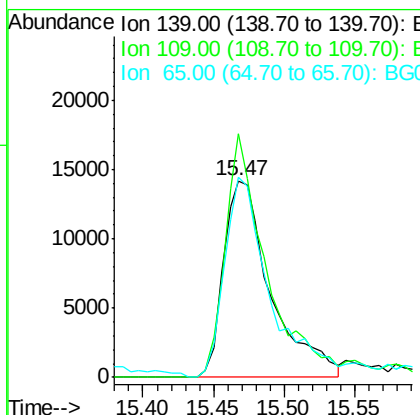
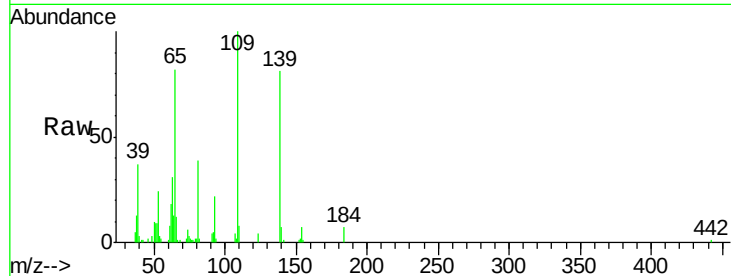




#55
4-Nitrophenol
Concen: 39.28 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

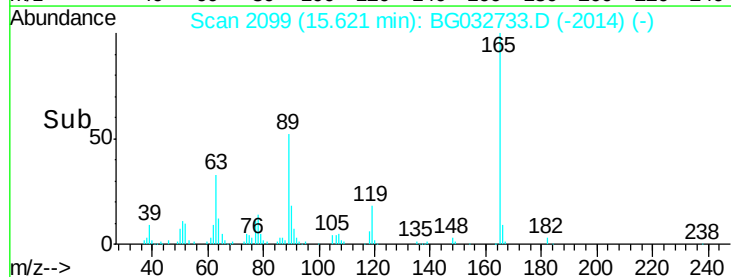
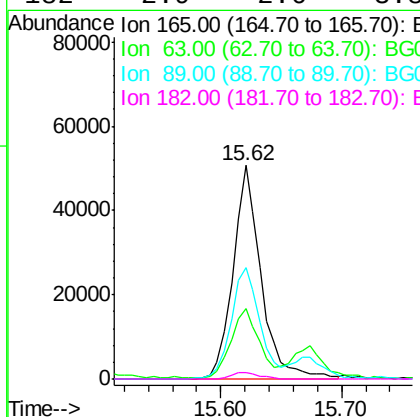
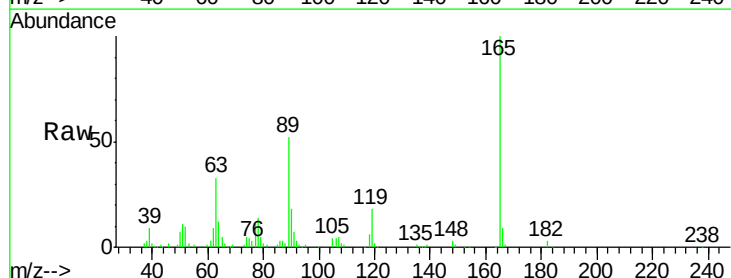
Instrument :
BNA_F
ClientSampleId :

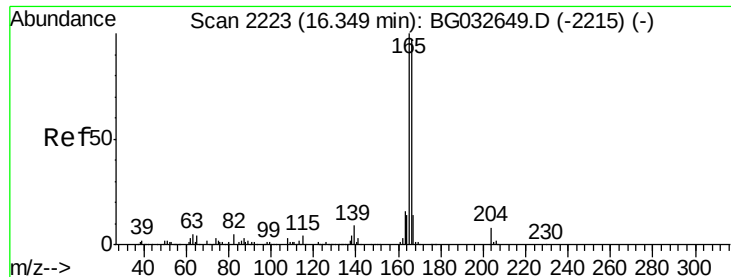
Tot Ion:139 Resp: 33018
Ion Ratio Lower Upper
139 100
109 124.0 62.2 102.2#
65 101.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 15.62 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:165 Resp: 81902
Ion Ratio Lower Upper
165 100
63 32.9 42.0 63.0#
89 52.4 66.9 100.3#
182 2.9 2.6 3.8





#57

Fluorene

Concen: 40.23 ng

RT: 16.31 min Scan# 2217

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

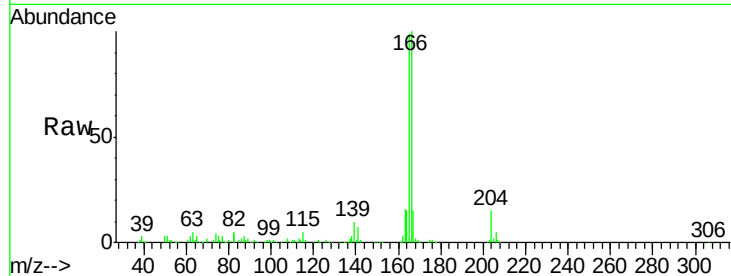
Tot Ion:166 Resp: 251318

Ion Ratio Lower Upper

166 100

165 98.9 80.6 121.0

167 14.8 10.4 15.6

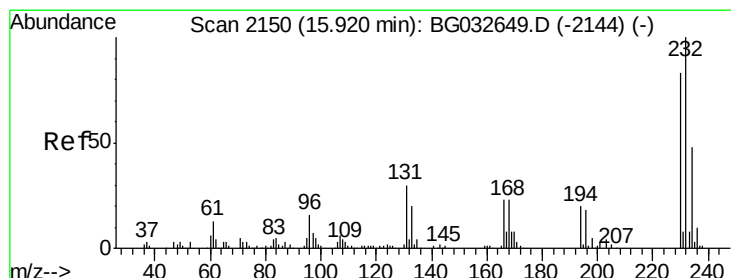
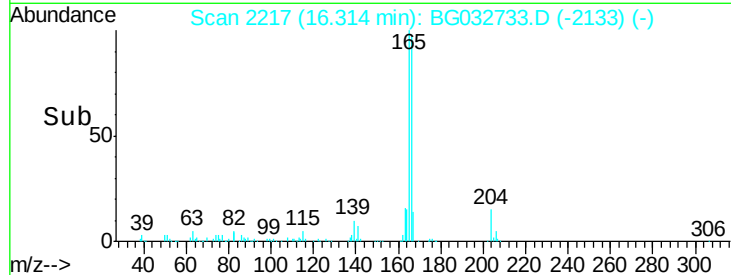
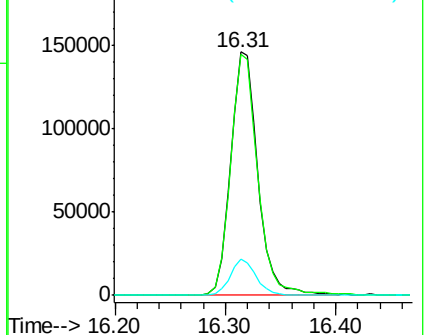


Abundance

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.13 ng

RT: 15.89 min Scan# 2145

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Tgt Ion:232 Resp: 90958

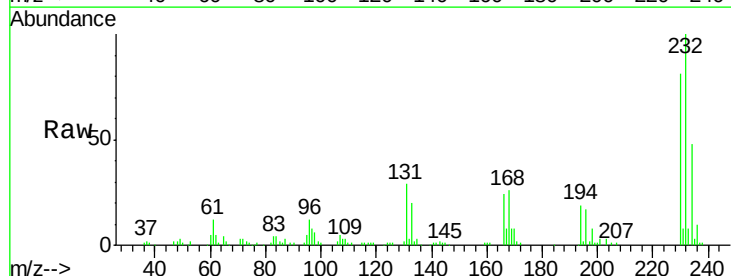
Ion Ratio Lower Upper

232 100

131 29.3 33.5 50.3#

130 2.2 2.2 3.2#

166 22.9 24.8 37.2#



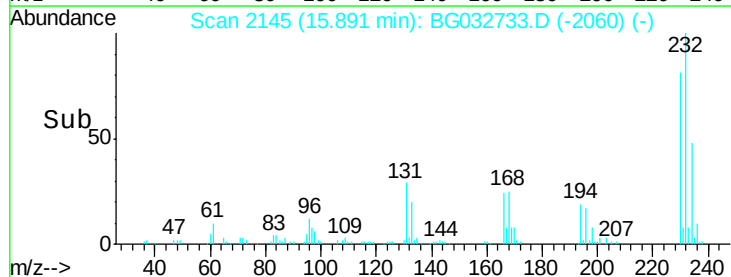
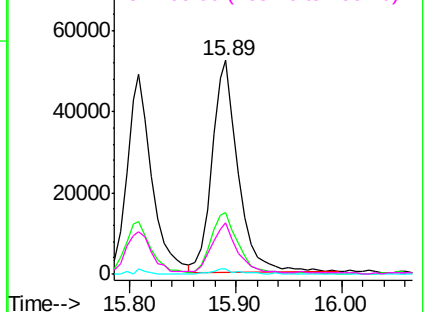
Abundance

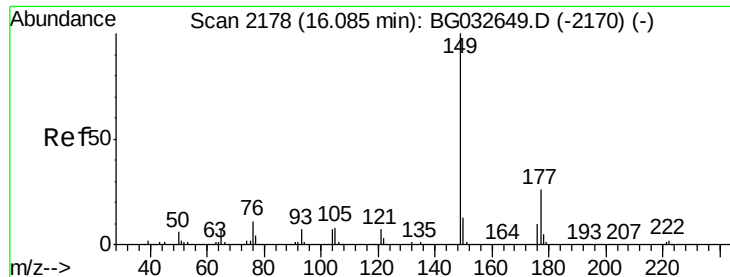
Ion 232.00 (231.70 to 232.70): E

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

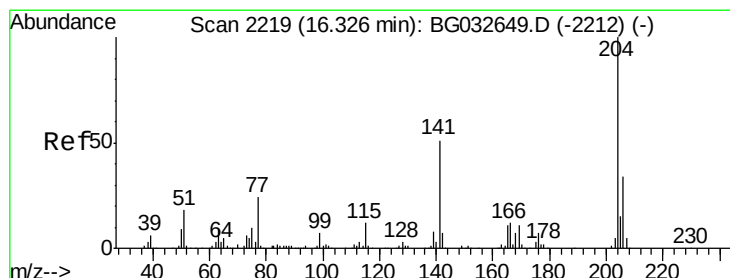
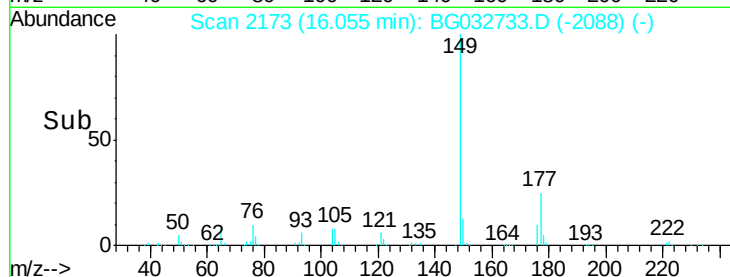
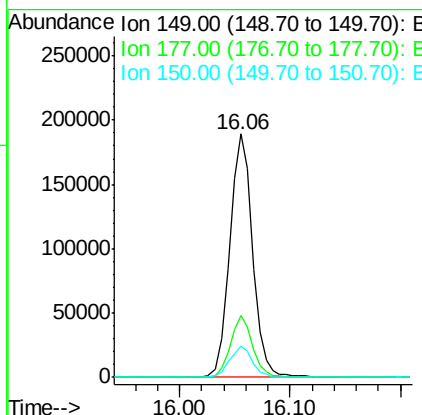
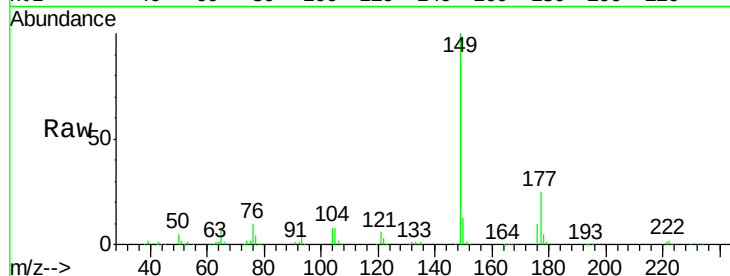




#59
Diethylphthalate
Concen: 41.73 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

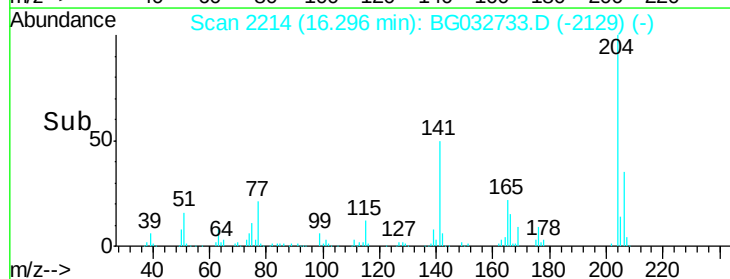
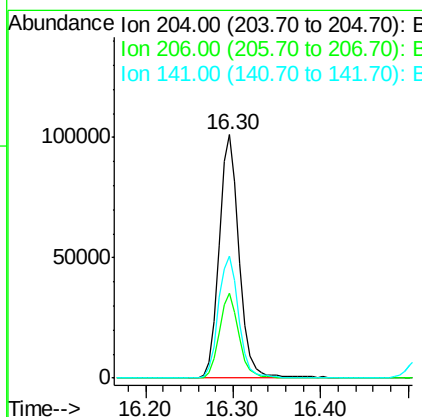
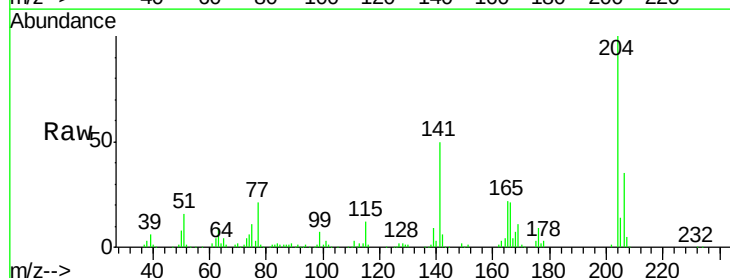
Instrument :
BNA_F
ClientSampled :

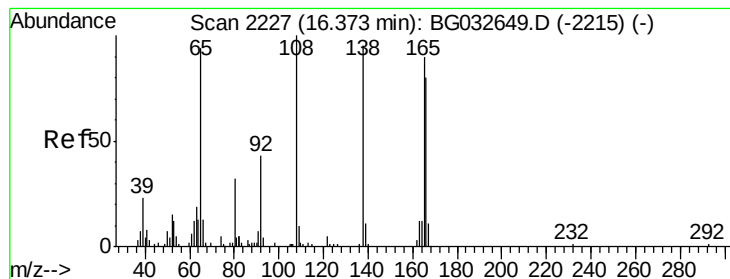
Tot Ion:149 Resp: 273972
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.80 ng
RT: 16.30 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:204 Resp: 160060
Ion Ratio Lower Upper
204 100
206 35.1 26.2 39.2
141 50.0 45.8 68.6





#61

4-Nitroaniline

Concen: 43.94 ng

RT: 16.34 min Scan# 2221

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

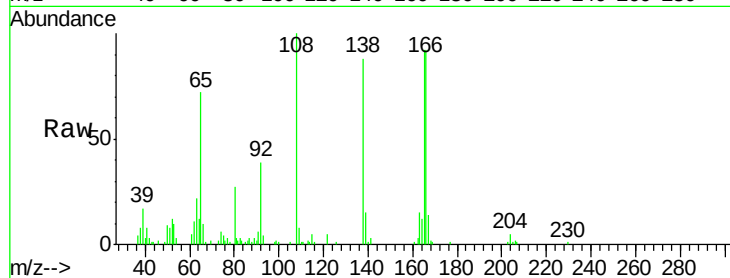
Tot Ion:138 Resp: 55587

Ion Ratio Lower Upper

138 100

92 44.5 40.1 80.1

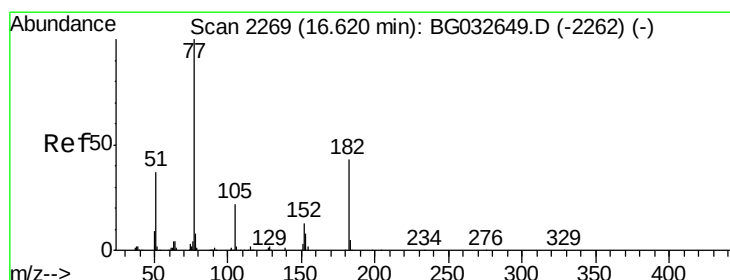
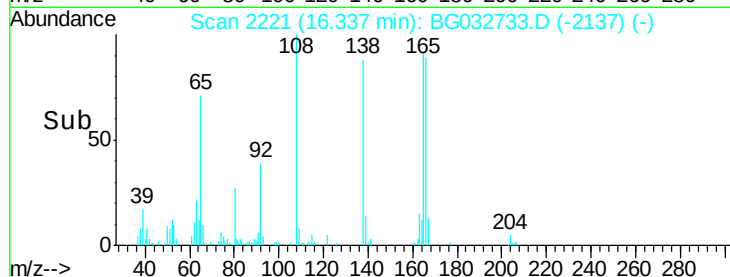
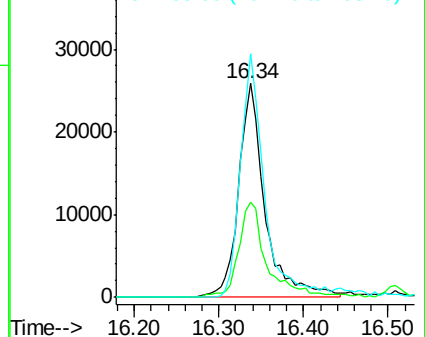
108 113.9 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.44 ng

RT: 16.59 min Scan# 2264

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Tgt Ion: 77 Resp: 145246

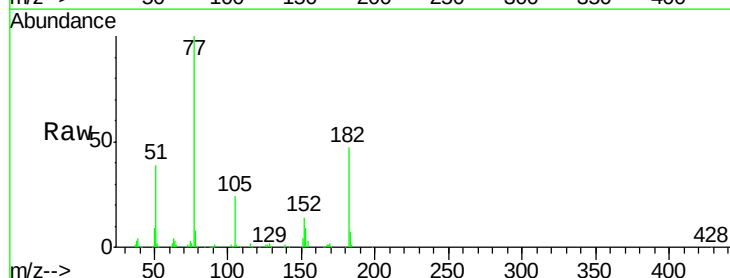
Ion Ratio Lower Upper

77 100

182 47.5 7.4 47.4#

105 23.9 0.3 40.3

51 39.0 11.6 51.6

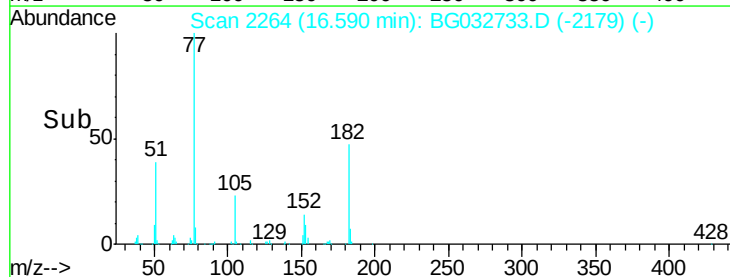
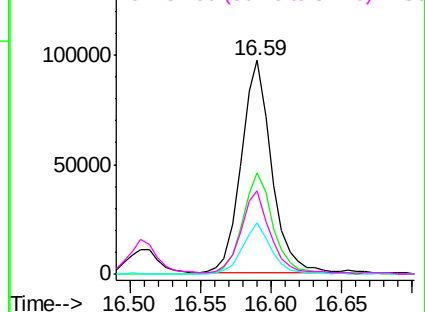


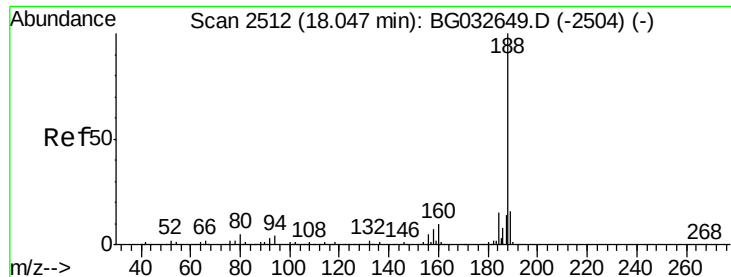
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.01 min Scan# 2506

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

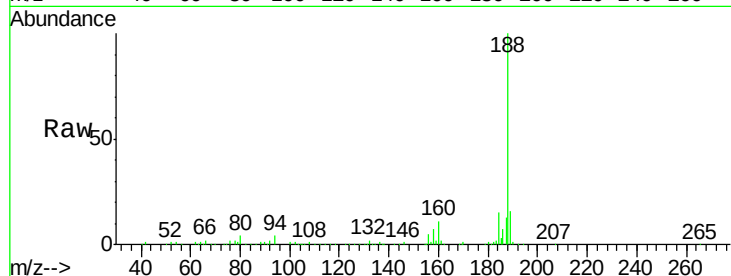
Tot Ion:188 Resp: 221133

Ion Ratio Lower Upper

188 100

94 4.1 6.9 10.3#

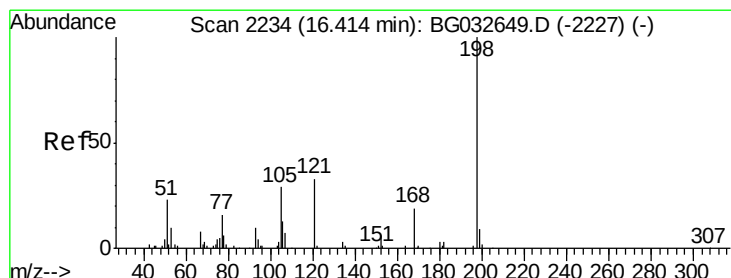
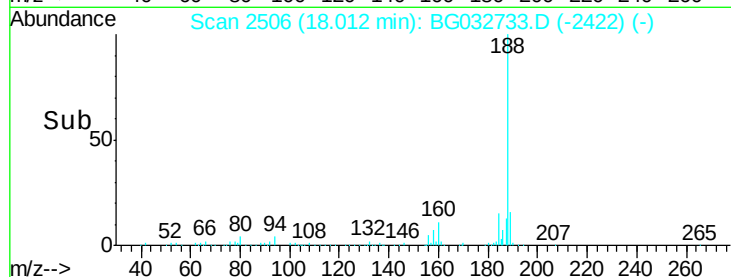
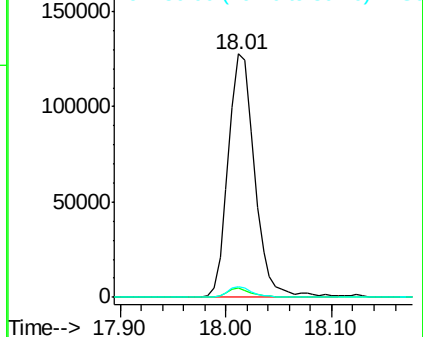
80 4.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.90 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

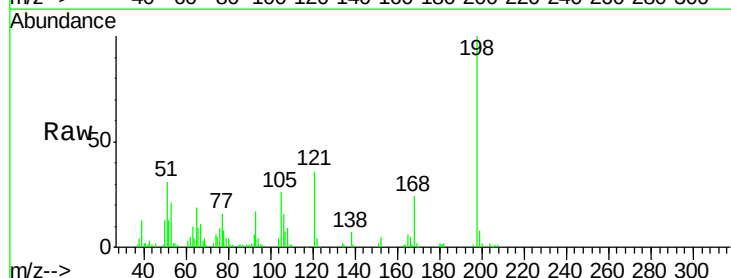
Tgt Ion:198 Resp: 55470

Ion Ratio Lower Upper

198 100

51 31.4 30.6 70.6

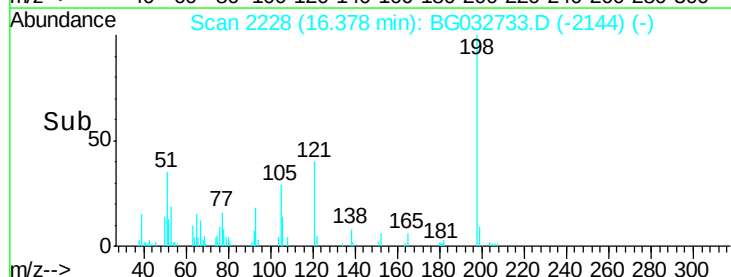
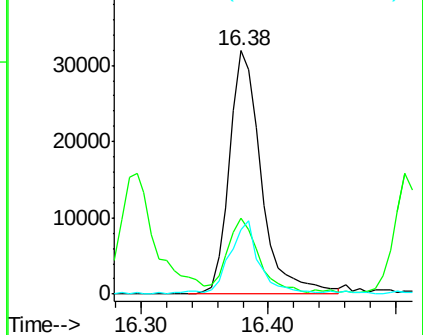
105 26.4 23.8 63.8

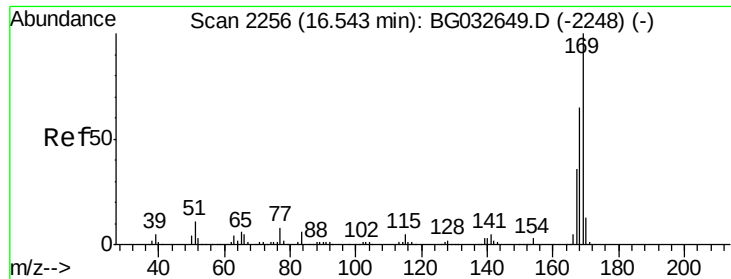


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

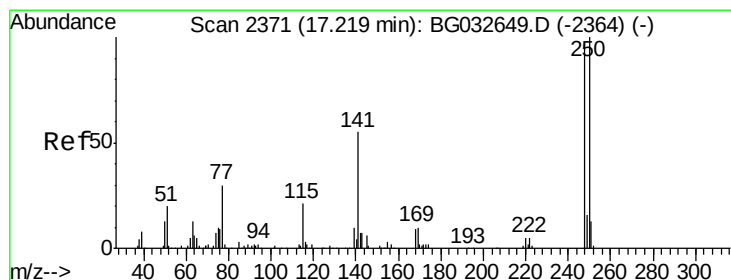
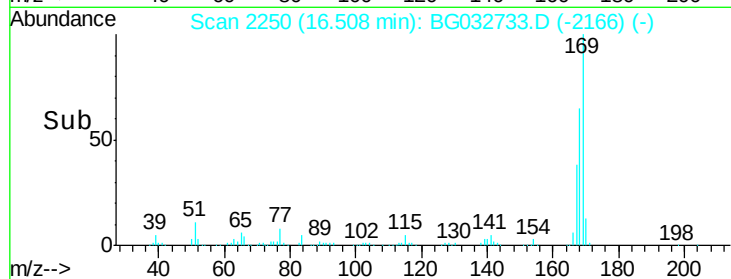
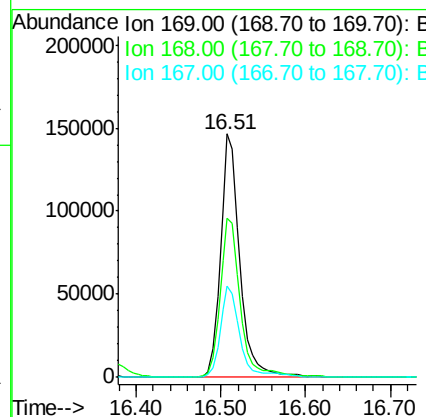
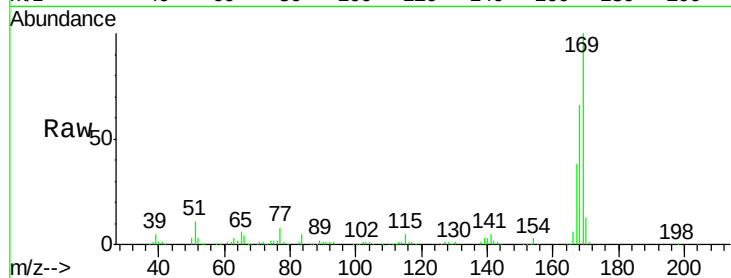




#65
n-Nitrosodiphenylamine
Concen: 36.40 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.04 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

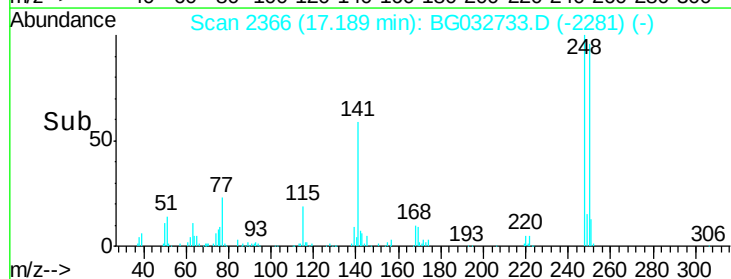
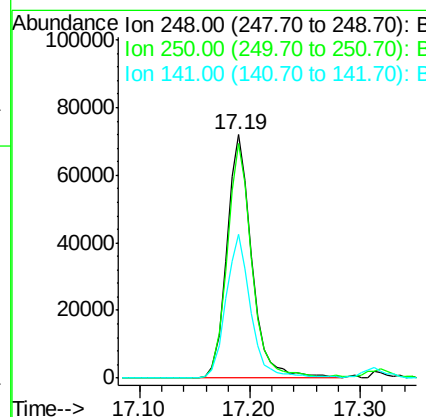
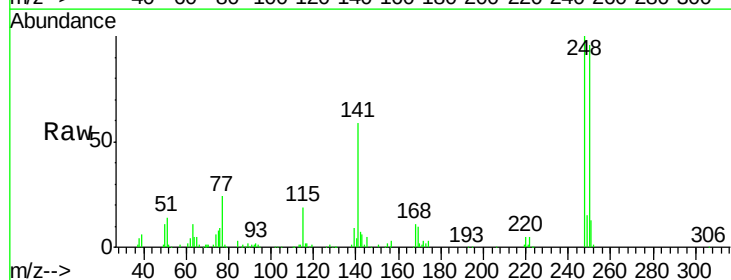
Instrument :
BNA_F
ClientSampleId :

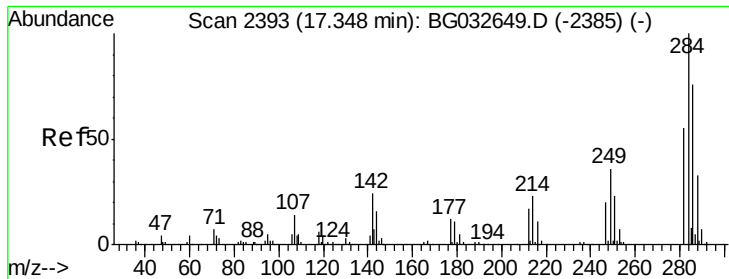
Tot Ion	169	Resp	236096
Ion Ratio	100		
Lower	55.7		
Upper	83.5		
168	65.5		
167	37.8		



#66
4-Bromophenyl-phenylether
Concen: 35.89 ng
RT: 17.19 min Scan# 2366
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion	248	Resp	113589
Ion Ratio	100		
Lower	77.1		
Upper	115.7		
250	96.5		
141	59.0		

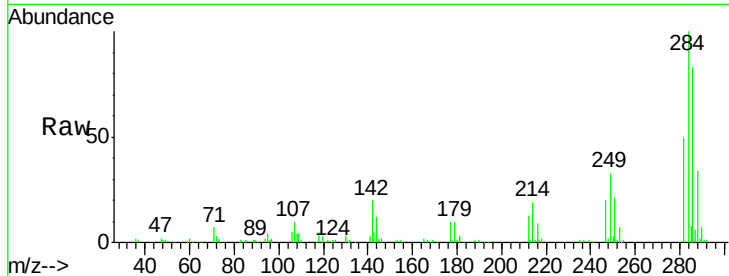




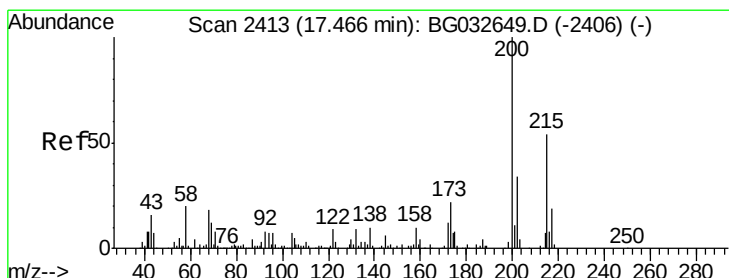
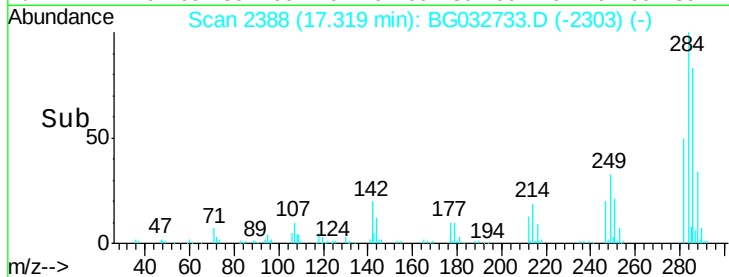
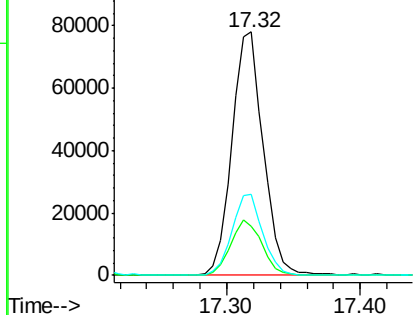
#67
Hexachlorobenzene
Concen: 37.43 ng
RT: 17.32 min Scan# 2388
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 127221
Ion Ratio Lower Upper
284 100
142 20.3 26.8 40.2#
249 33.2 26.3 39.5

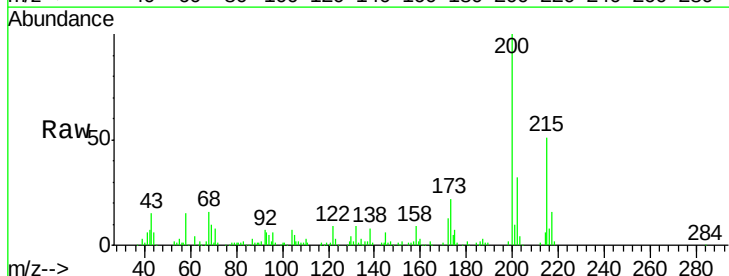


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

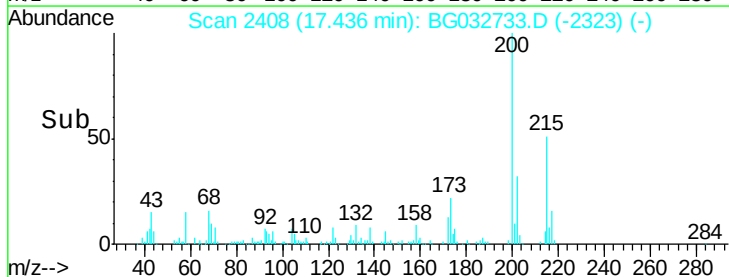
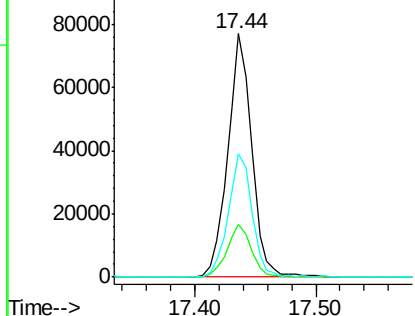


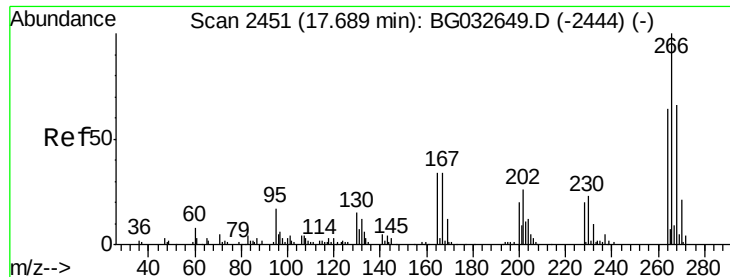
#68
Atrazine
Concen: 38.11 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.03 min
Lab File: BG032733.D
Acq: 16 Feb 2018 4:02

Tgt Ion:200 Resp: 106011
Ion Ratio Lower Upper
200 100
173 21.5 5.2 45.2
215 50.8 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

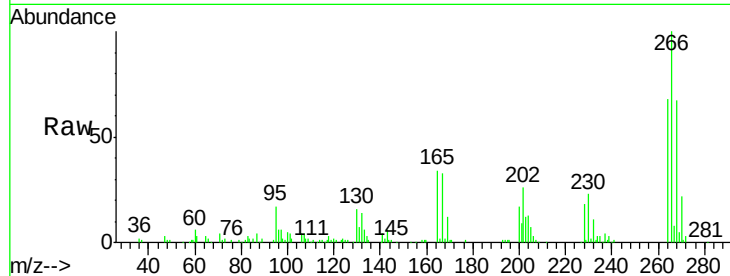




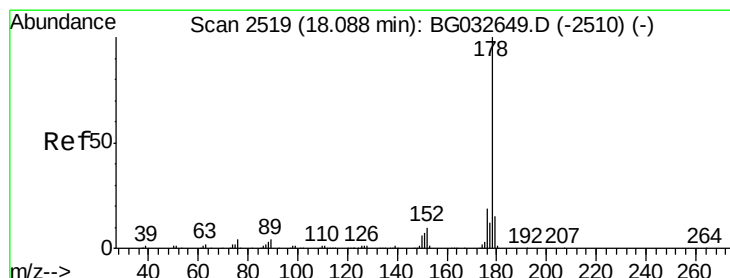
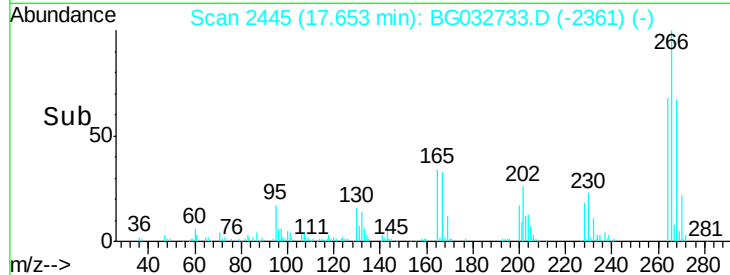
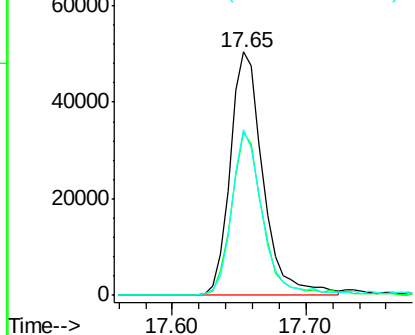
#69
 Pentachlorophenol
 Concen: 41.60 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 86556
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 68.0 49.6 74.4

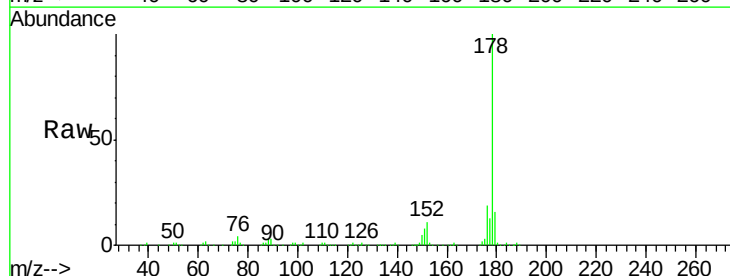


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

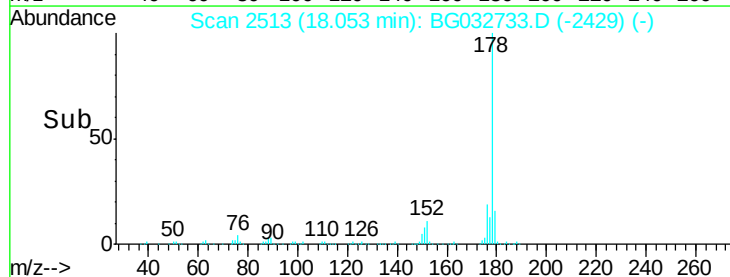
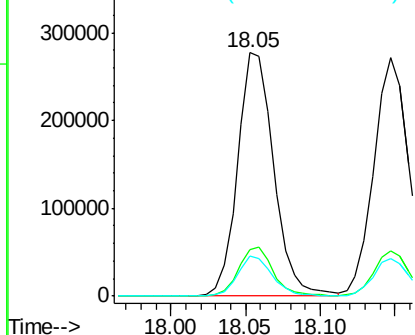


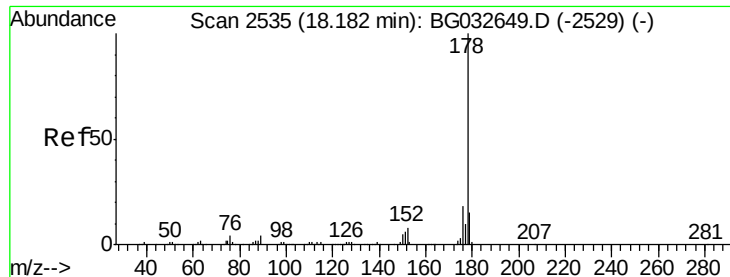
#70
 Phenanthrene
 Concen: 39.31 ng
 RT: 18.05 min Scan# 2513
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion:178 Resp: 467000
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 16.4 12.5 18.7



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

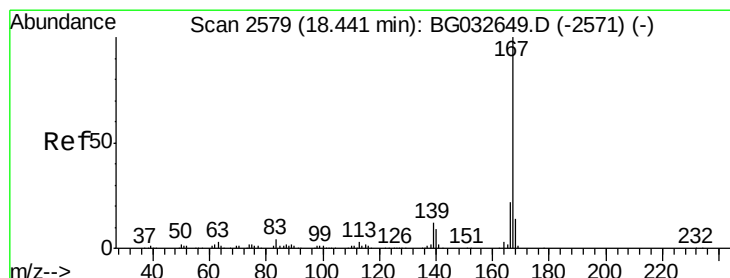
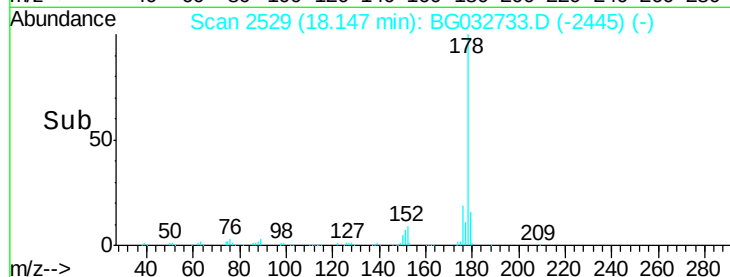
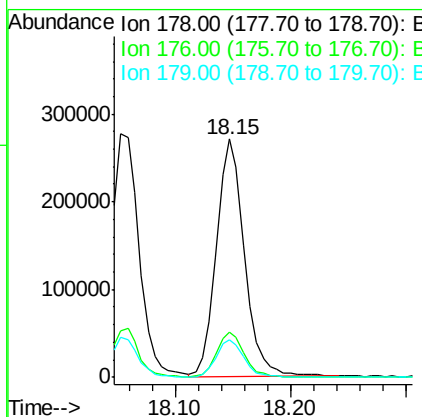
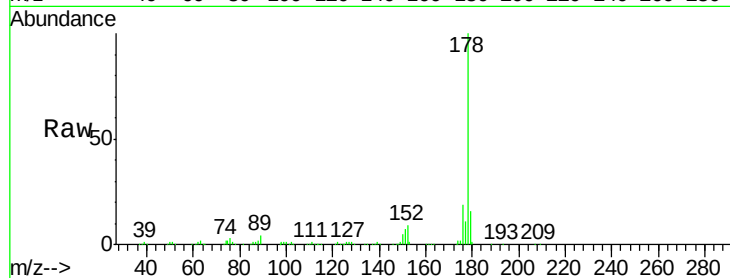




#71
 Anthracene
 Concen: 37.20 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

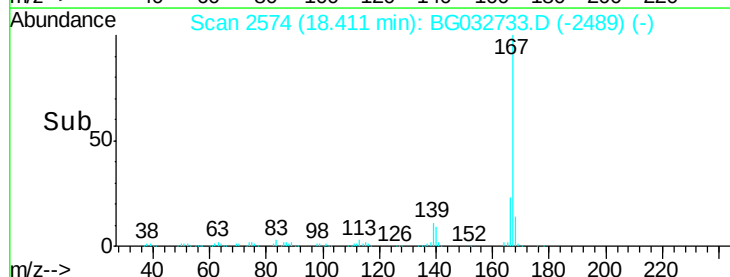
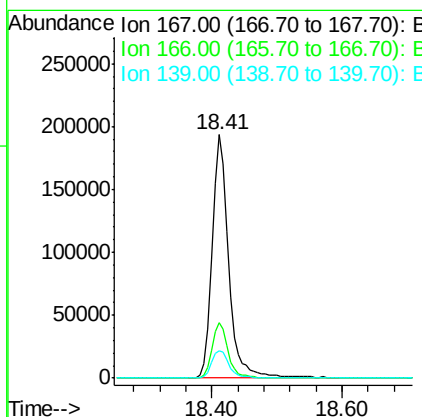
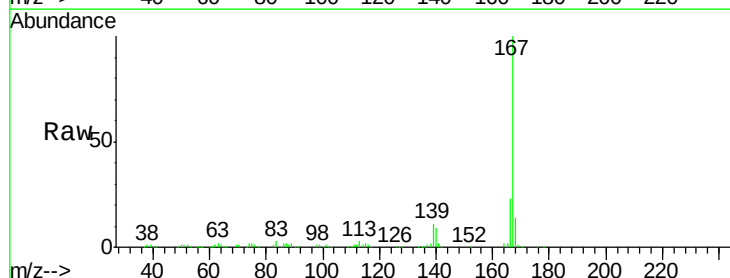
Instrument :
 BNA_F
 ClientSampleId :

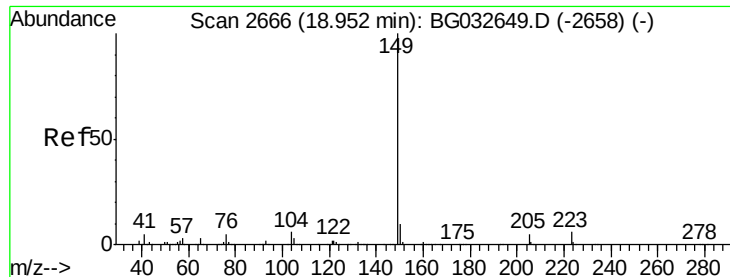
Tot Ion:178 Resp: 452092
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 32.85 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.03 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion:167 Resp: 340420
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 11.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 34.75 ng

RT: 18.92 min Scan# 2661

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

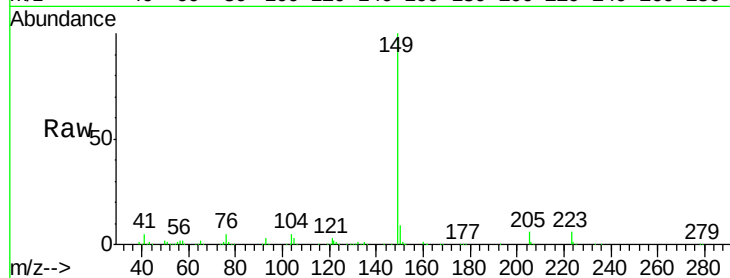
Tot Ion:149 Resp: 405509

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

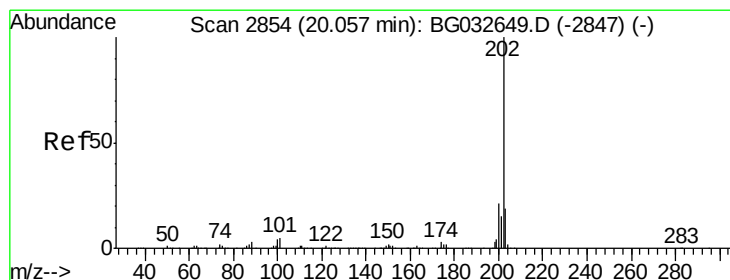
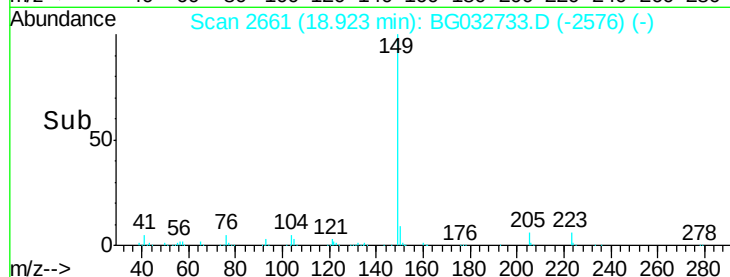
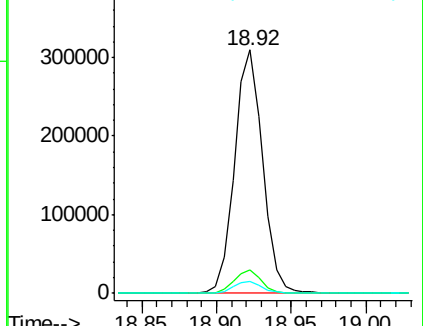
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.04 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

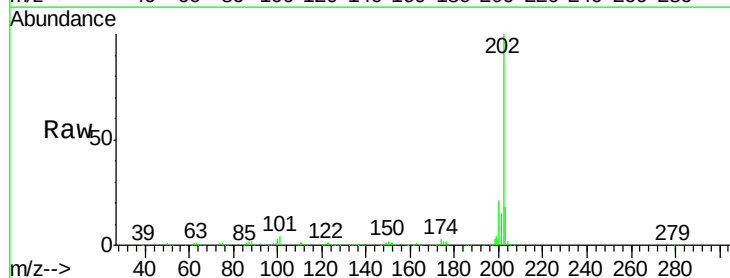
Tgt Ion:202 Resp: 619081

Ion Ratio Lower Upper

202 100

101 4.2 0.0 28.9

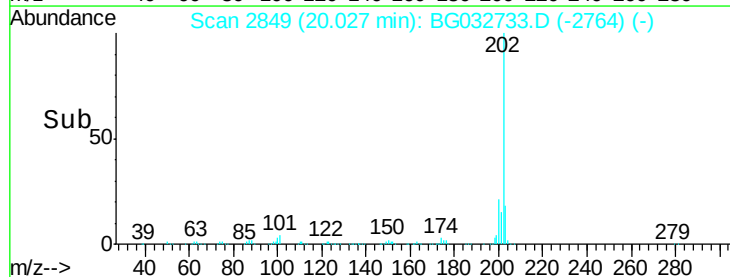
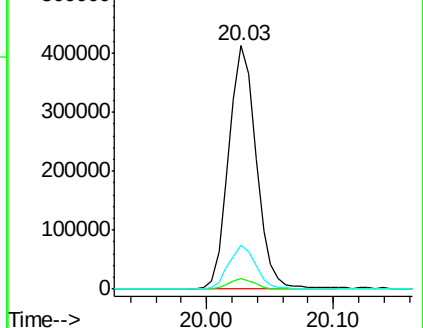
203 18.2 0.0 37.5

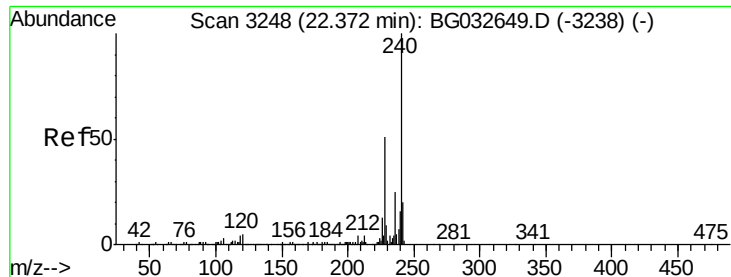


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

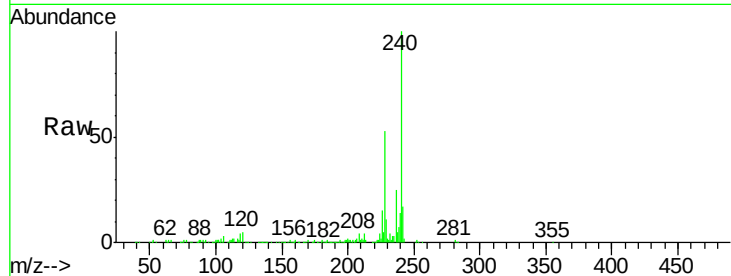
Tot Ion:240 Resp: 238706

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

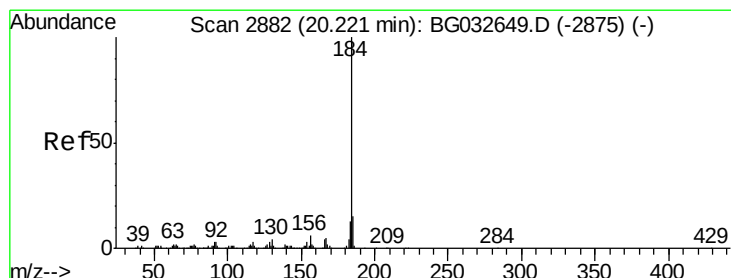
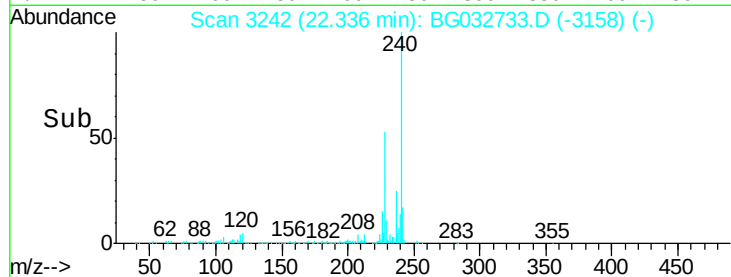
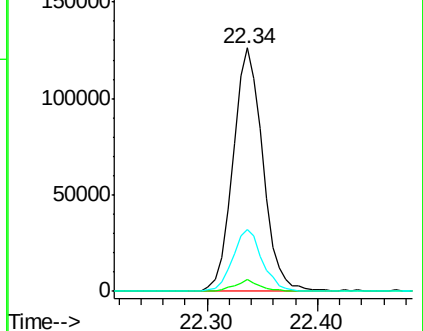
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.68 ng

RT: 20.20 min Scan# 2878

Delta R.T. -0.02 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

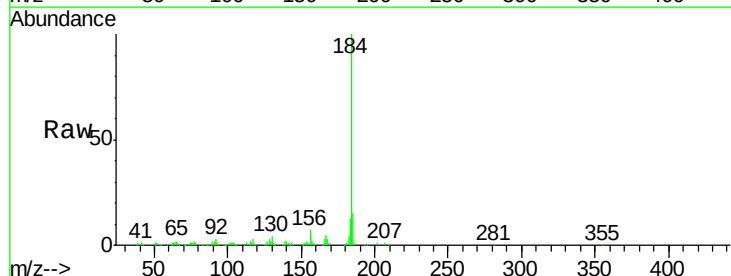
Tgt Ion:184 Resp: 200572

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

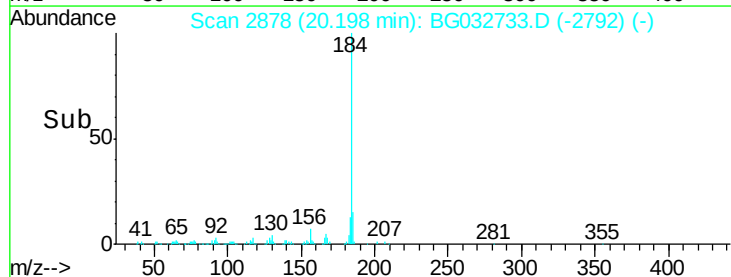
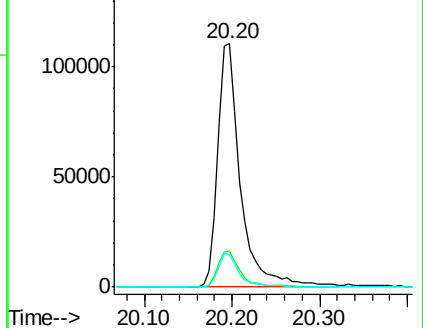
183 13.1 10.6 16.0

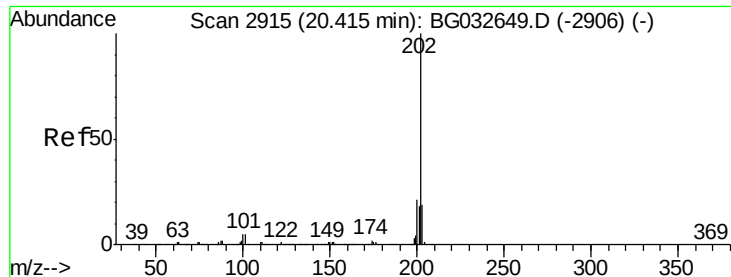


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.76 ng

RT: 20.39 min Scan# 2910

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

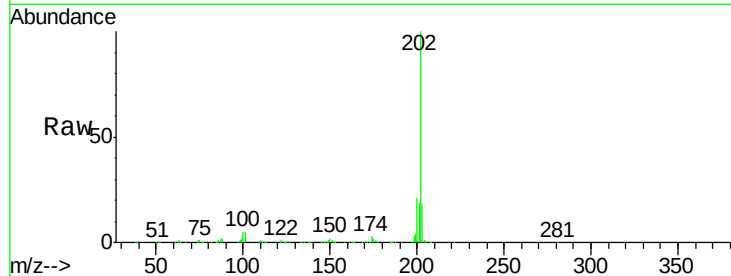
Tot Ion:202 Resp: 621391

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

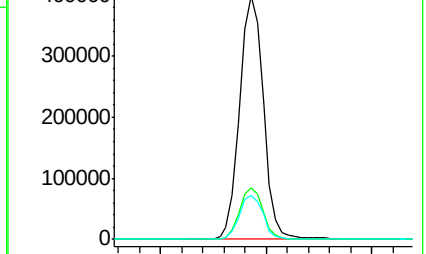
203 18.2 13.9 20.9



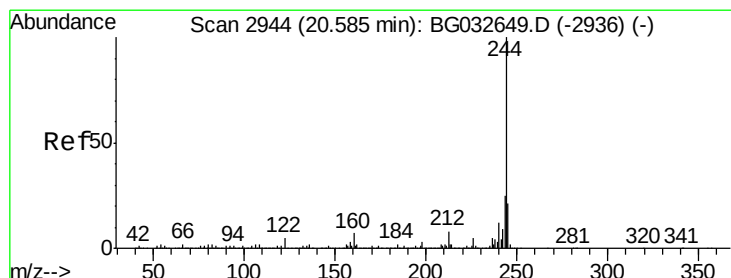
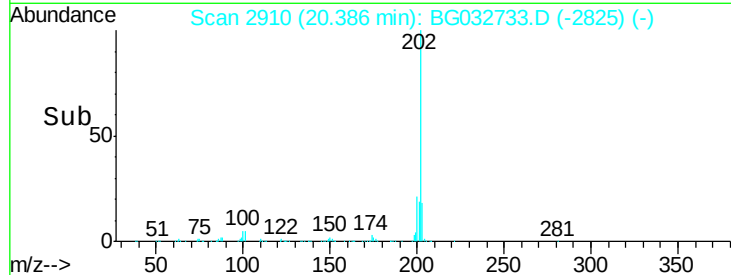
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 93.12 ng

RT: 20.56 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

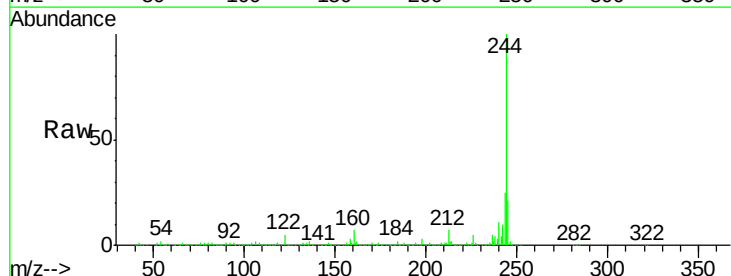
Tgt Ion:244 Resp: 975278

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

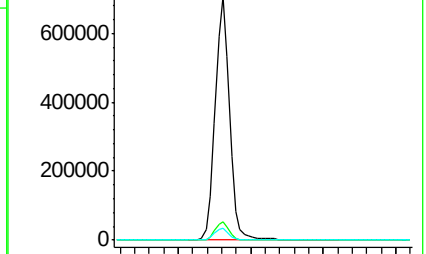
122 4.9 7.0 10.4#



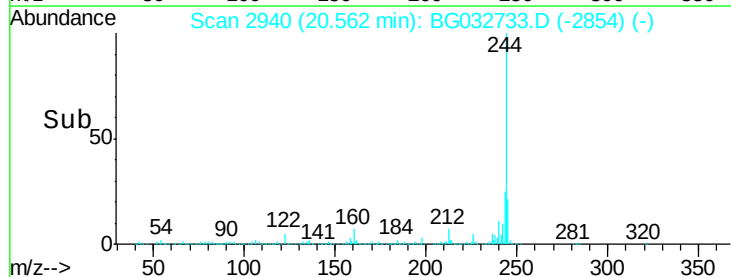
Abundance Ion 244.00 (243.70 to 244.70): E

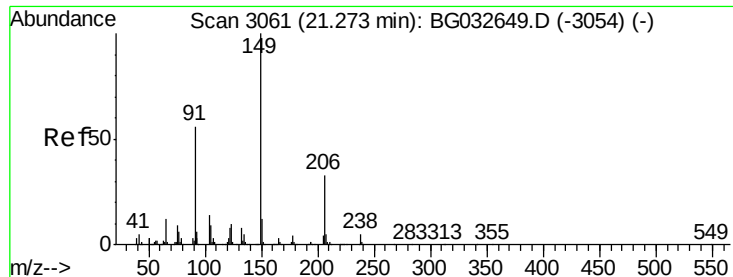
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 37.89 ng

RT: 21.24 min Scan# 3056

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

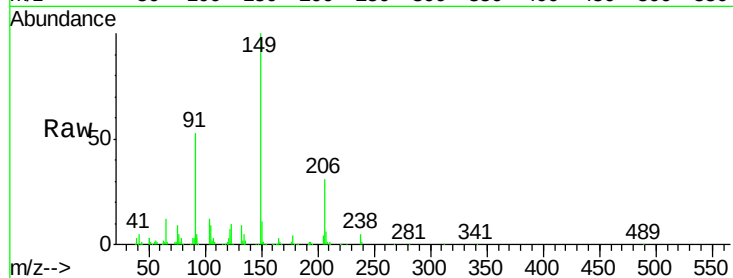
Tot Ion:149 Resp: 177263

Ion Ratio Lower Upper

149 100

91 53.1 62.2 93.2#

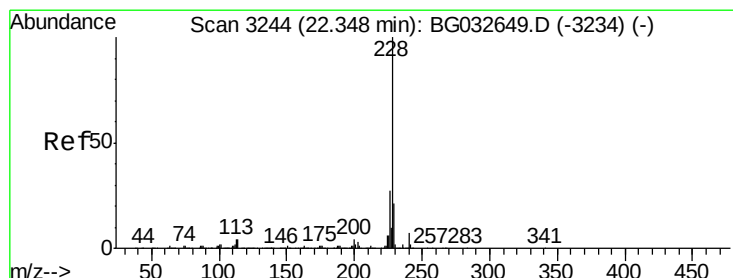
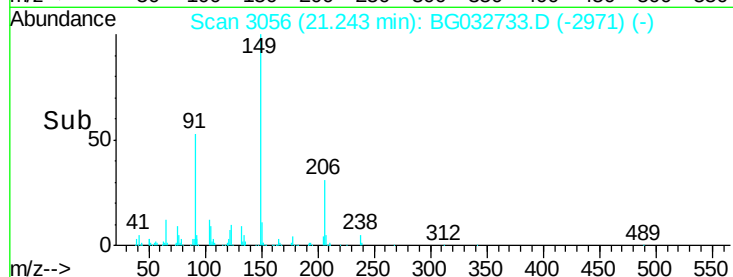
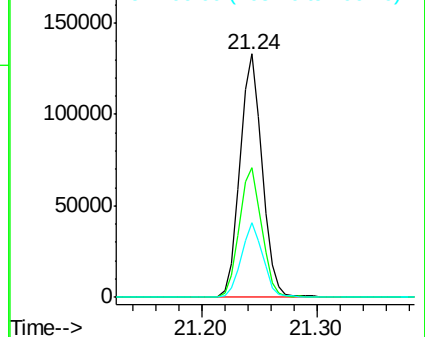
206 30.7 18.6 27.8#



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



#80

Benzo(a)anthracene

Concen: 36.72 ng

RT: 22.31 min Scan# 3238

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

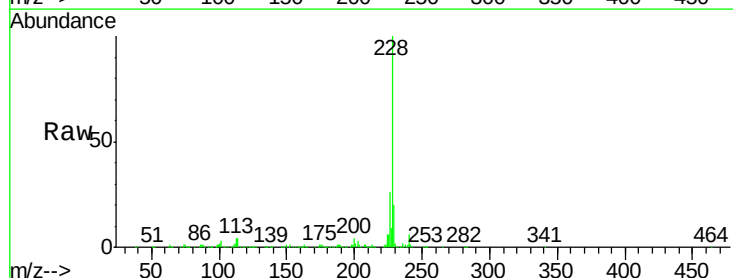
Tgt Ion:228 Resp: 548847

Ion Ratio Lower Upper

228 100

226 26.3 22.7 34.1

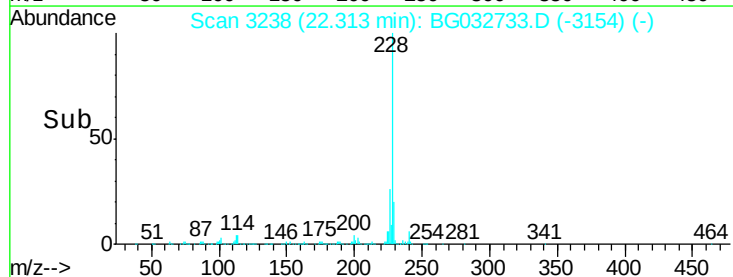
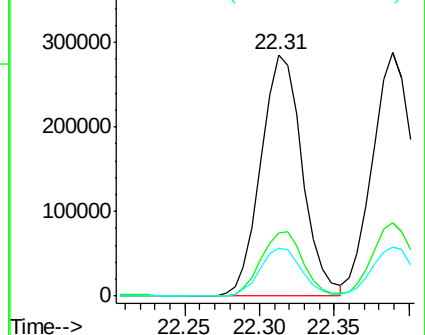
229 19.8 16.2 24.2

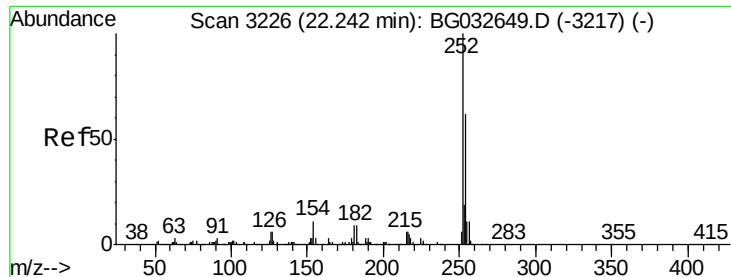


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

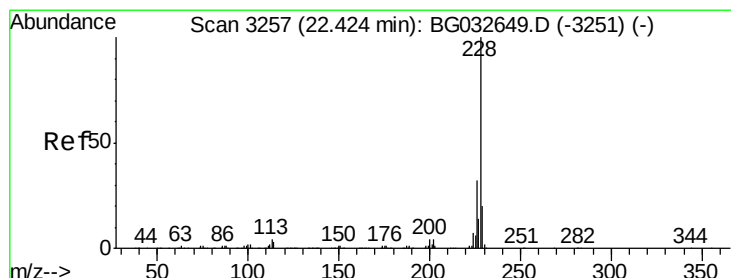
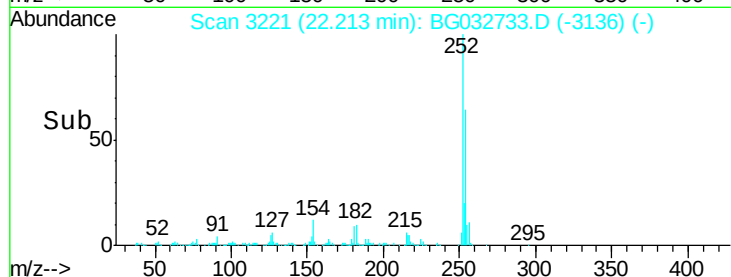
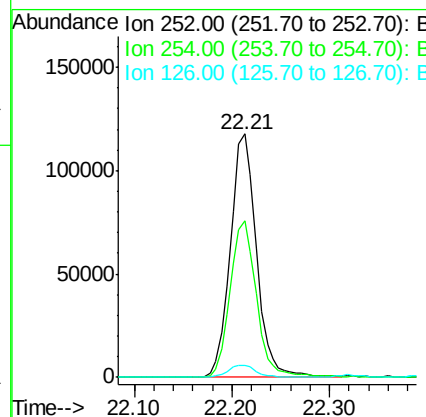
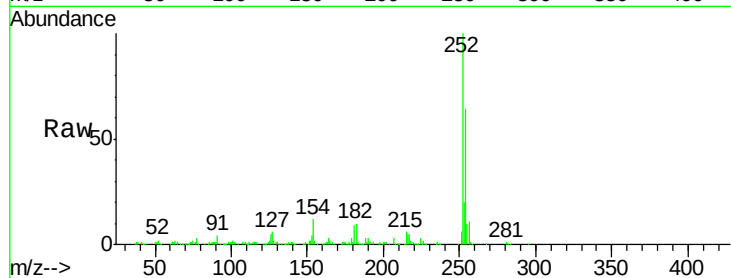




#81
 3,3'-Dichlorobenzidine
 Concen: 39.37 ng
 RT: 22.21 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

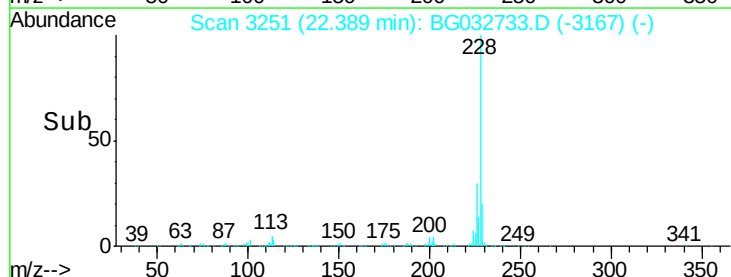
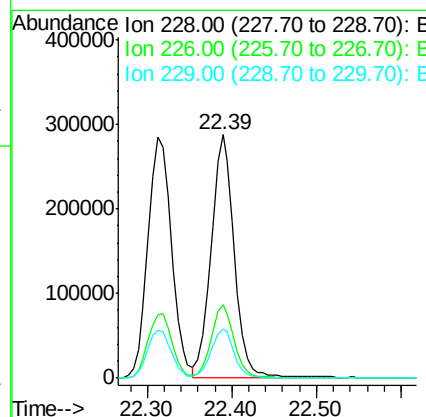
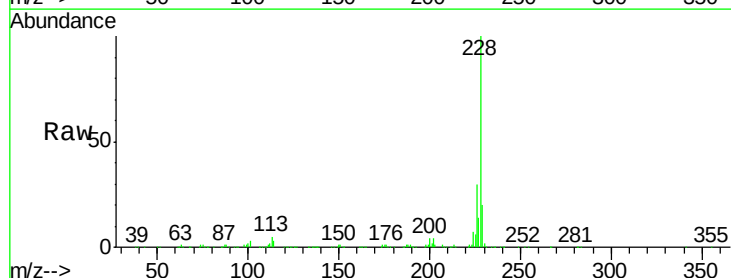
Instrument :
 BNA_F
 ClientSampleId :

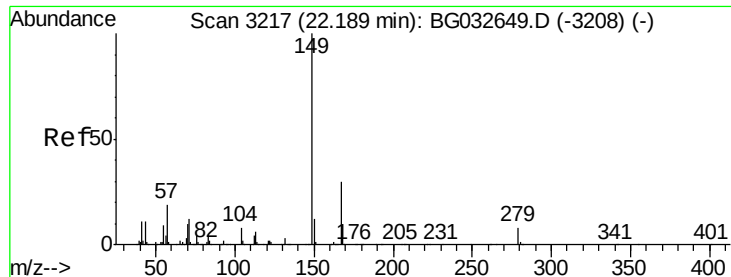
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	5.1	7.4	11.2#



#82
 Chrysene
 Concen: 37.23 ng
 RT: 22.39 min Scan# 3251
 Delta R.T. -0.04 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.42 ng

RT: 22.16 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

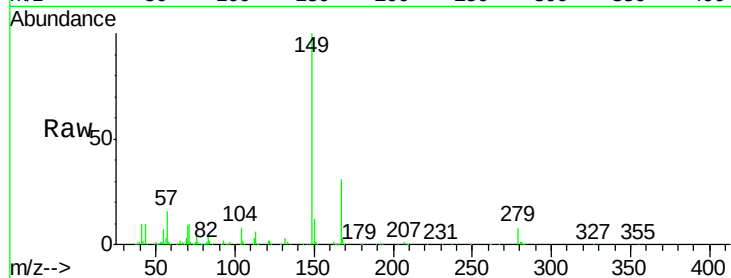
Tot Ion:149 Resp: 306403

Ion Ratio Lower Upper

149 100

167 31.2 24.3 36.5

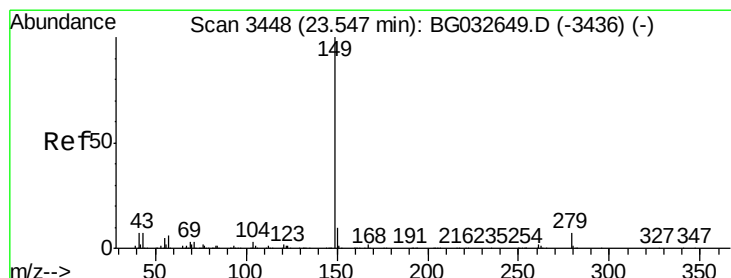
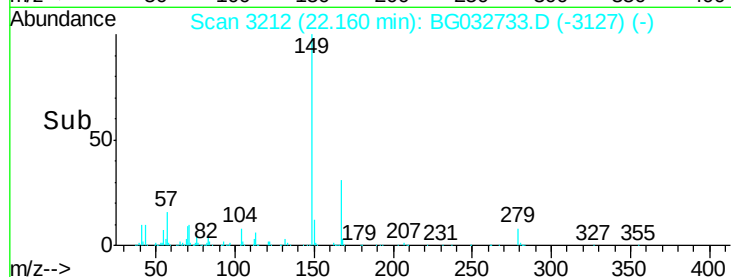
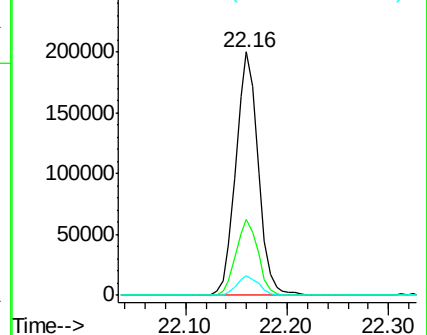
279 8.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.00 ng

RT: 23.51 min Scan# 3442

Delta R.T. -0.04 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

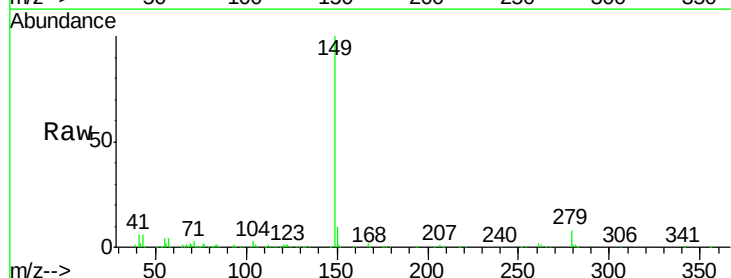
Tgt Ion:149 Resp: 508083

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

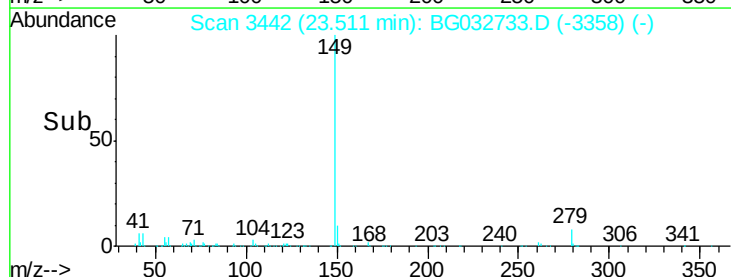
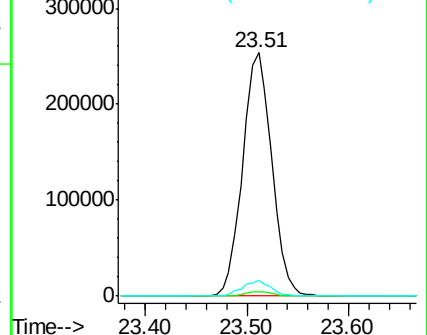
43 6.2 8.9 13.3#

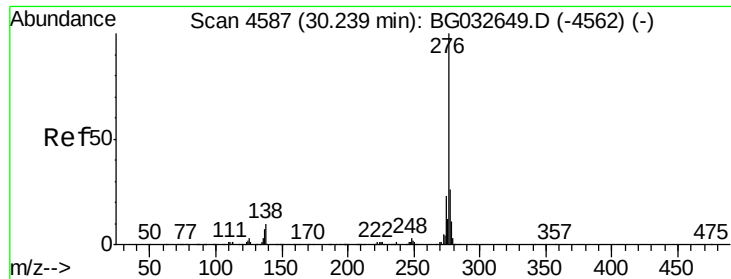


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

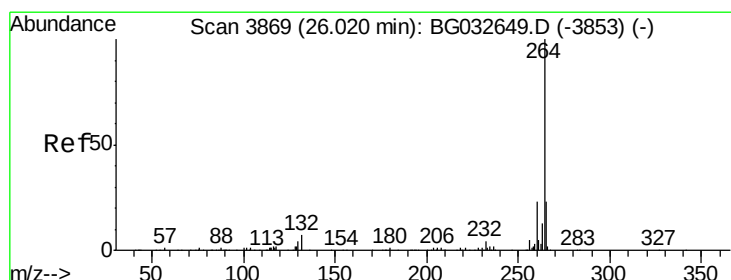
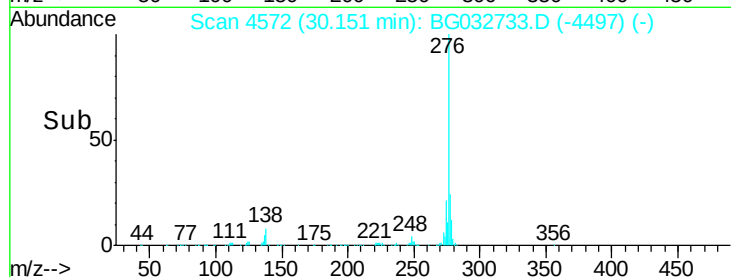
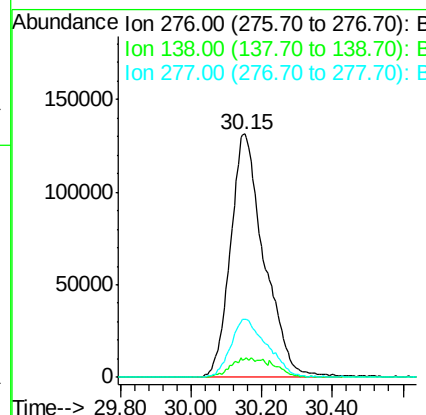
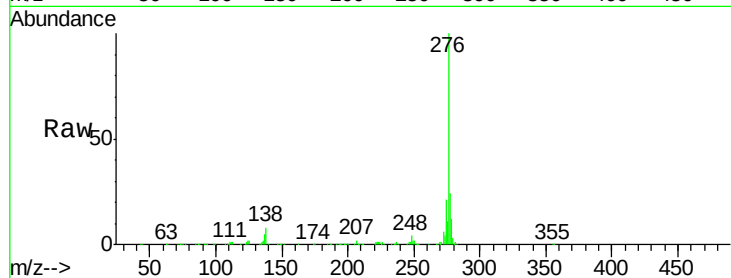




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.03 ng
 RT: 30.15 min Scan# 4572
 Delta R.T. -0.09 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

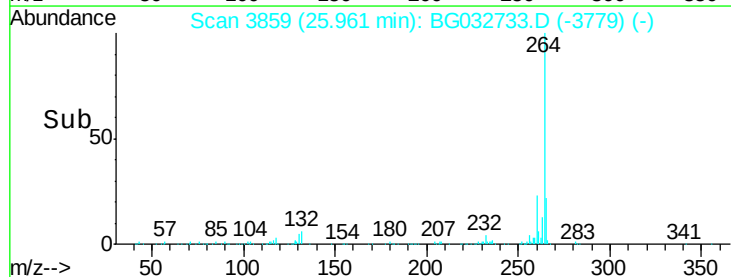
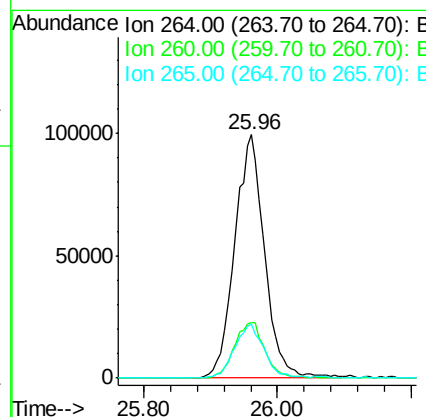
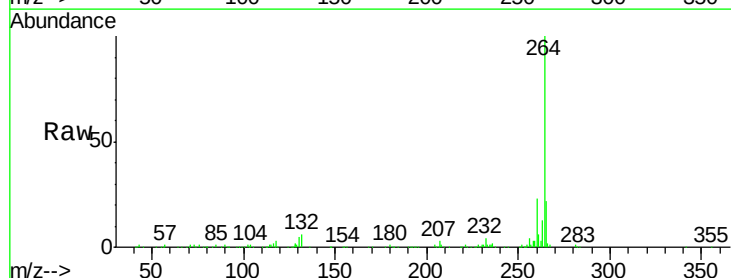
Instrument :
 BNA_F
 ClientSampleId :

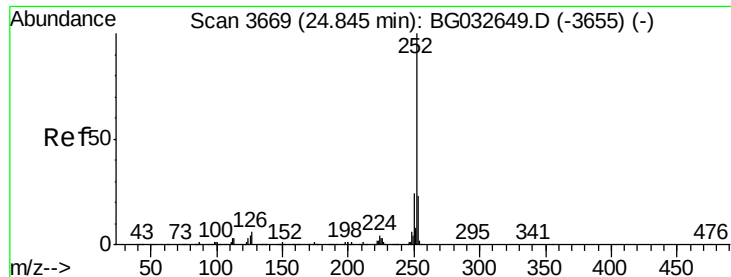
Tot Ion	Ratio	Lower	Upper
276	100		
138	4.3	16.0	24.0#
277	25.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.96 min Scan# 3859
 Delta R.T. -0.06 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 31.36 ng

RT: 24.80 min Scan# 3661

Delta R.T. -0.05 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampled :

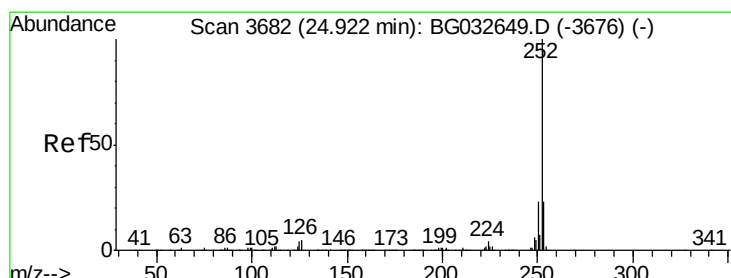
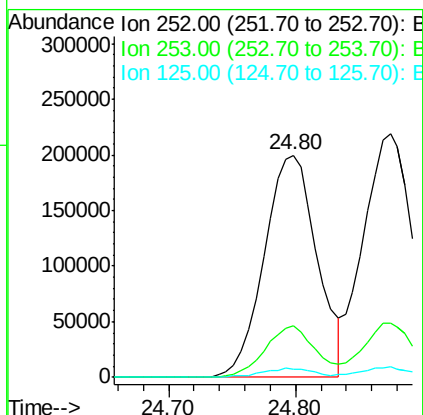
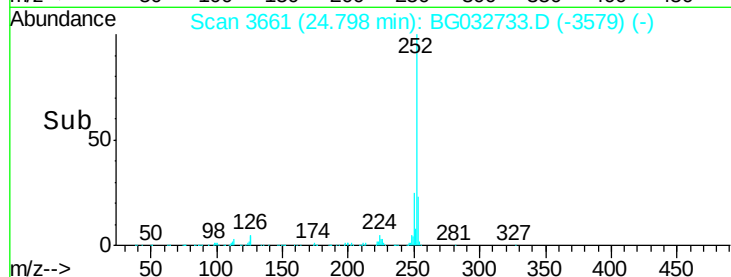
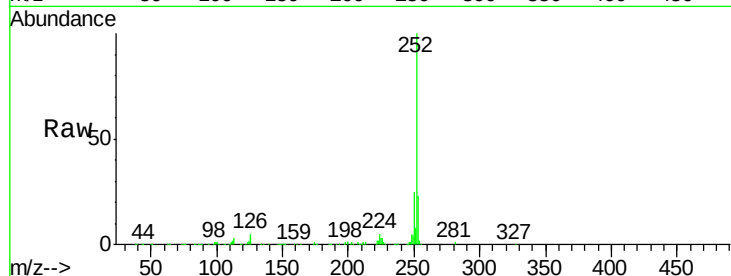
Tot Ion:252 Resp: 577531

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 3.8 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 32.73 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

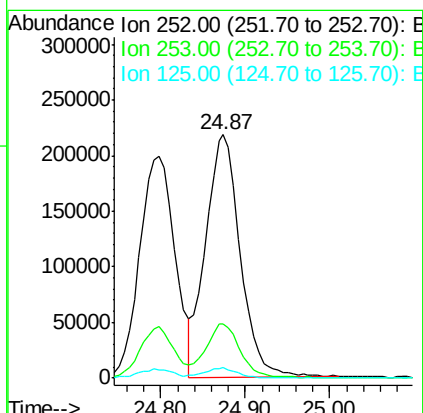
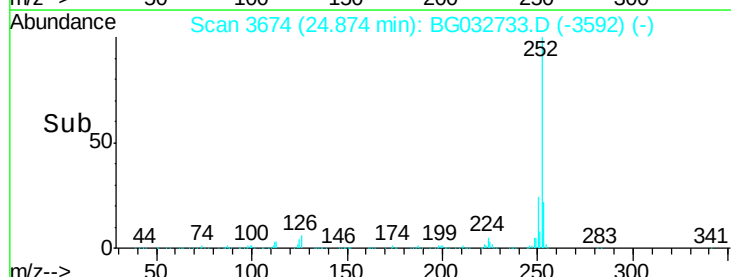
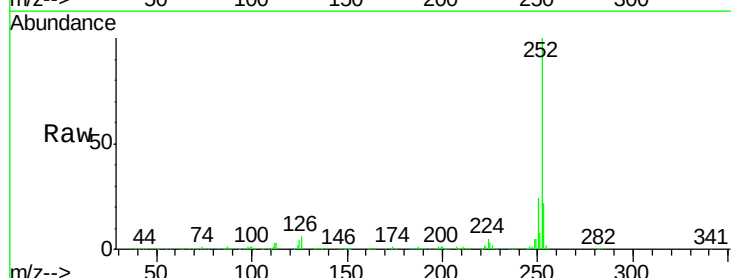
Tgt Ion:252 Resp: 623851

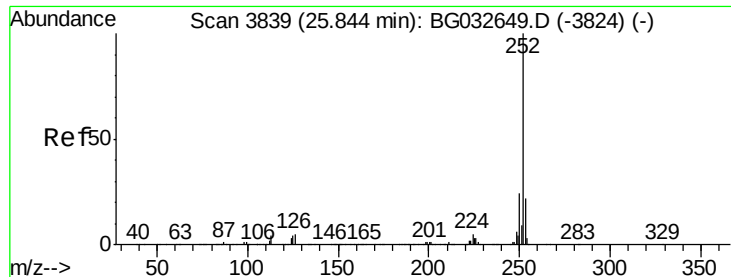
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 4.2 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 38.91 ng

RT: 25.79 min Scan# 3830

Delta R.T. -0.05 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

Instrument :

BNA_F

ClientSampleId :

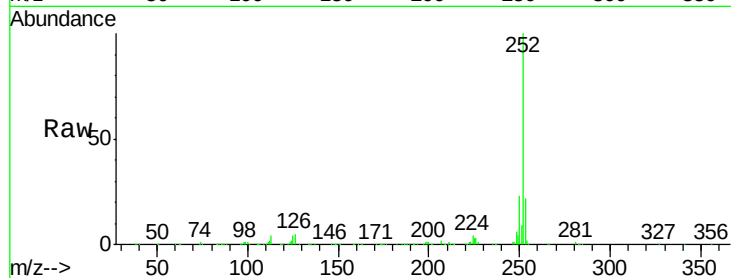
Tot Ion:252 Resp: 698143

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

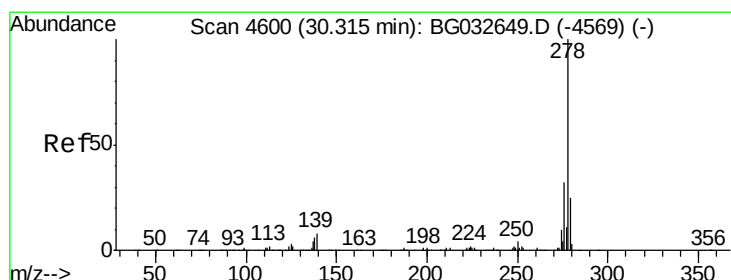
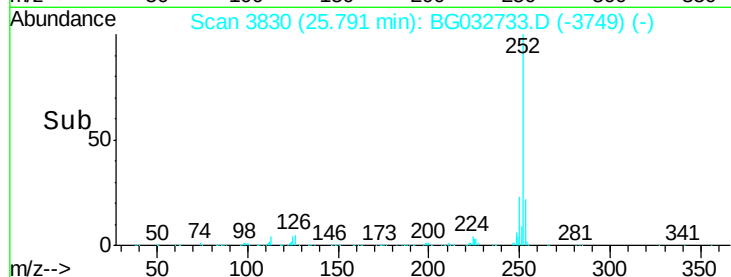
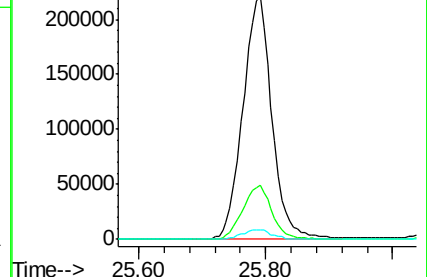
125 3.8 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.49 ng

RT: 30.23 min Scan# 4585

Delta R.T. -0.09 min

Lab File: BG032733.D

Acq: 16 Feb 2018 4:02

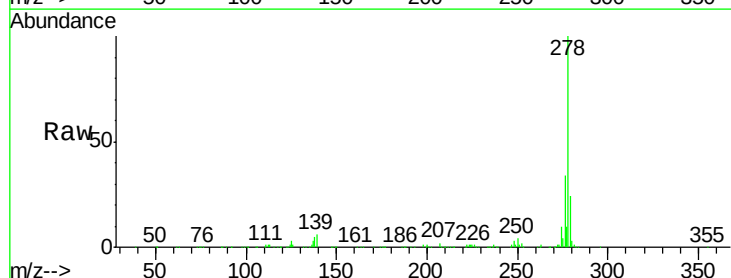
Tgt Ion:278 Resp: 741117

Ion Ratio Lower Upper

278 100

139 6.0 9.8 14.6#

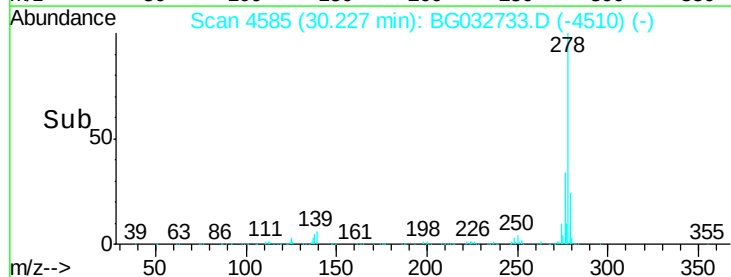
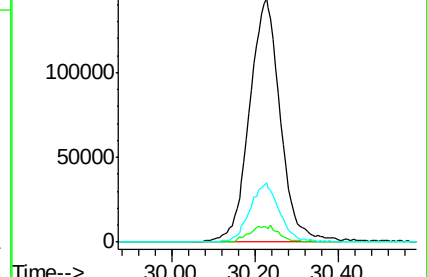
279 24.2 18.4 27.6

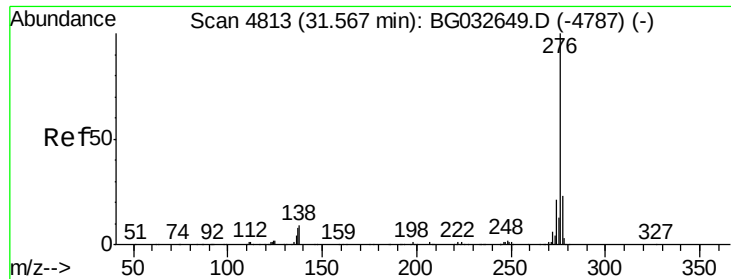


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

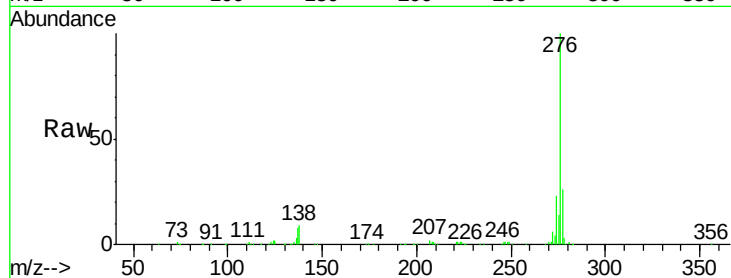




#91
 Benzo(a,h,i)perylene
 Concen: 33.48 ng
 RT: 31.47 min Scan# 4796
 Delta R.T. -0.10 min
 Lab File: BG032733.D
 Acq: 16 Feb 2018 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.3	27.5
138	9.4	13.9	20.9



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

