

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032613.D
 Acq On : 8 Feb 2018 16:48
 Operator : SJ/JU
 Sample : J1404-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

Quant Time: Feb 09 02:34:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	32143	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	134502	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	99977	20.00	ng	-0.02
63) Phenanthrene-d10	18.07	188	272753	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	335372	20.00	ng	-0.01
86) Perylene-d12	26.07	264	366040	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.13	112	240086	150.03	ng	-0.02
7) Phenol-d6	7.81	99	282632	132.35	ng	-0.02
23) Nitrobenzene-d5	9.89	82	216386	100.49	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	271493	142.66	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	755828	89.86	ng	-0.02
78) Terphenyl-d14	20.60	244	1540134	98.37	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	23259	43.198	ng	# 74
3) Pyridine	4.25	79	45991	31.634	ng	90
4) n-Nitrosodimethylamine	4.15	42	41452	54.771	ng	# 69
6) Aniline	7.98	93	38630	14.509	ng	97
8) 2-Chlorophenol	8.24	128	97173	51.369	ng	# 82
9) Benzaldehyde	7.79	77	23218	21.051	ng	92
10) Phenol	7.84	94	89611	44.188	ng	86
11) bis(2-Chloroethyl)ether	8.07	93	74271	48.066	ng	# 80
12) 1,3-Dichlorobenzene	8.56	146	113421	44.336	ng	96
13) 1,4-Dichlorobenzene	8.72	146	116245	45.336	ng	97
14) 1,2-Dichlorobenzene	9.05	146	111581	44.423	ng	97
15) Benzyl Alcohol	8.92	79	85314	48.475	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.21	45	75812	51.777	ng	67
17) 2-Methylphenol	9.12	107	74076	44.975	ng	# 93
18) Hexachloroethane	9.80	117	40179	46.672	ng	# 81
19) n-Nitroso-di-n-propylamine	9.50	70	66773	47.159	ng	# 93
20) 3+4-Methylphenols	9.46	107	102204	44.238	ng	94
22) Acetophenone	9.53	105	137195	43.514	ng	# 96
24) Nitrobenzene	9.93	77	101318	48.657	ng	95
25) Isophorone	10.45	82	192756	52.570	ng	# 84
26) 2-Nitrophenol	10.65	139	57436	45.630	ng	# 85
27) 2,4-Dimethylphenol	10.69	122	93689	51.857	ng	88
28) bis(2-Chloroethoxy)methane	10.93	93	104490	51.968	ng	# 94
29) 2,4-Dichlorophenol	11.20	162	122241	51.075	ng	88
30) 1,2,4-Trichlorobenzene	11.41	180	138017	43.267	ng	95
31) Naphthalene	11.61	128	341134	51.929	ng	98
32) Benzoic acid	10.82	122	54394	41.518	ng	# 74
33) 4-Chloroaniline	11.71	127	16711	5.703	ng	# 92
34) Hexachlorobutadiene	11.88	225	108031	43.529	ng	93
35) Caprolactam	12.47	113	28451	41.409	ng	# 52
36) 4-Chloro-3-methylphenol	12.80	107	119098	52.461	ng	# 89
37) 2-Methylnaphthalene	13.18	142	262570	47.577	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	209258	44.740	ng	96
40) Hexachlorocyclopentadiene	13.51	237	270733	92.642	ng	91

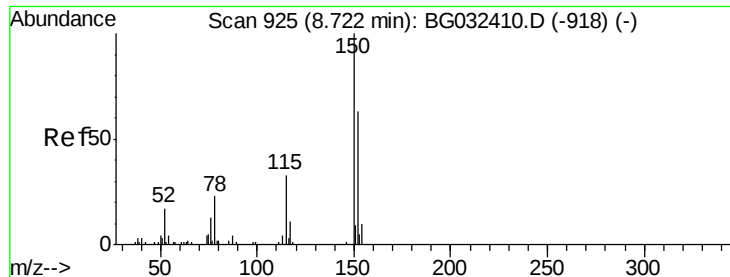
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032613.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	128919	50.673	nq	97
43) 2,4,5-Trichlorophenol	13.85	196	148095	49.935	nq #	92
45) 1,1'-Biphenyl	14.16	154	377528	44.696	nq	94
46) 2-Chloronaphthalene	14.21	162	296542	44.793	nq	97
47) 2-Nitroaniline	14.41	65	76757	52.429	nq #	82
48) Acenaphthylene	15.05	152	451150	45.078	nq	99
49) Dimethylphthalate	14.76	163	421412	45.715	nq	99
50) 2,6-Dinitrotoluene	14.89	165	93814	48.487	nq #	80
51) Acenaphthene	15.39	154	365276	52.626	nq	97
52) 3-Nitroaniline	15.22	138	18590	11.000	nq #	76
53) 2,4-Dinitrophenol	15.43	184	116689	95.766	nq #	54
54) Dibenzofuran	15.72	168	497783	48.454	nq	99
55) 4-Nitrophenol	15.52	139	112442	88.872	nq #	77
56) 2,4-Dinitrotoluene	15.67	165	140884	51.141	nq #	69
57) Fluorene	16.37	166	406926	47.667	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.94	232	163492	55.893	nq #	84
59) Diethylphthalate	16.10	149	423830	47.206	nq	95
60) 4-Chlorophenyl-phenylether	16.34	204	263577	48.963	nq	93
61) 4-Nitroaniline	16.39	138	66949	36.961	nq #	77
62) Azobenzene	16.64	77	274557	51.172	nq	85
64) 4,6-Dinitro-2-methylphenol	16.43	198	89671	44.007	nq #	67
65) n-Nitrosodiphenylamine	16.56	169	382855	47.035	nq	98
66) 4-Bromophenyl-phenylether	17.24	248	190819	47.223	nq	97
67) Hexachlorobenzene	17.37	284	193975	43.378	nq #	93
68) Atrazine	17.48	200	173833	49.748	nq	98
69) Pentachlorophenol	17.71	266	252098	89.994	nq	97
70) Phenanthrene	18.11	178	708948	46.609	nq	99
71) Anthracene	18.20	178	734500	48.497	nq	98
72) Carbazole	18.46	167	611691	45.711	nq	99
73) Di-n-butylphthalate	18.97	149	689676	46.550	nq	98
74) Fluoranthene	20.07	202	941113	47.179	nq	95
76) Benzidine	20.25	184	63625	9.662	nq	95
77) Pyrene	20.43	202	946625	46.020	nq	98
79) Butylbenzylphthalate	21.29	149	321532	49.557	nq #	78
80) Benzo(a)anthracene	22.38	228	1005021	48.339	nq	98
81) 3,3'-Dichlorobenzidine	22.27	252	180751	22.438	nq #	96
82) Chrysene	22.45	228	967456	48.183	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	450733	48.995	nq #	97
84) Di-n-octyl phthalate	23.58	149	783794	53.715	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.33	276	1226376	48.282	nq #	85
87) Benzo(b)fluoranthene	24.89	252	1045951	47.292	nq #	95
88) Benzo(k)fluoranthene	24.97	252	1073713	49.007	nq #	96
89) Benzo(a)pyrene	25.90	252	1037020	49.182	nq #	95
90) Dibenzo(a,h)anthracene	30.40	278	1018024	47.197	nq #	91
91) Benzo(g,h,i)perylene	31.67	276	1020407	47.661	nq #	90

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

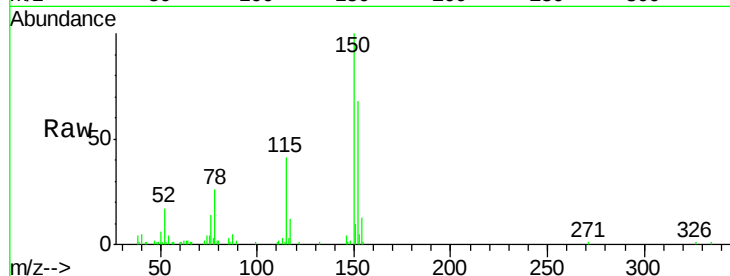


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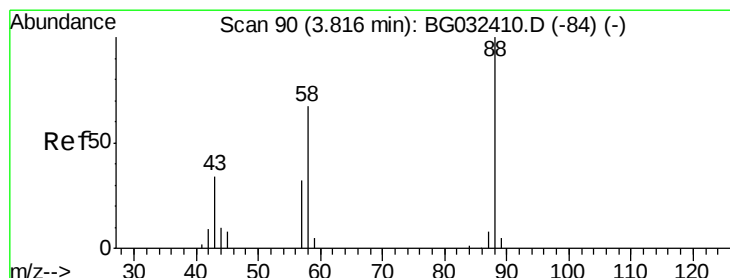
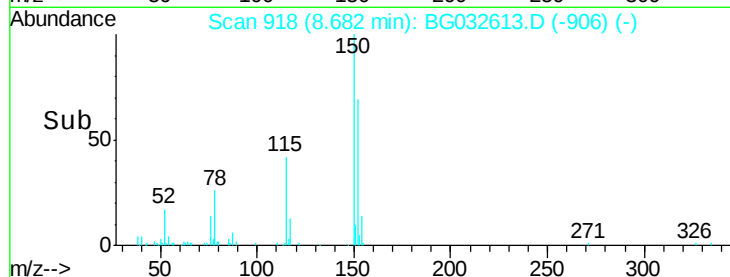
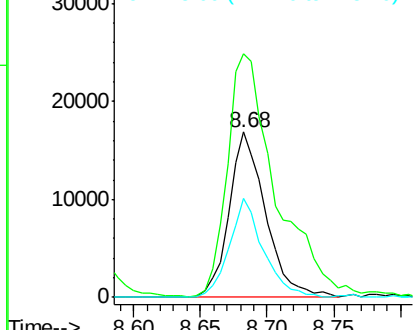
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

Tot Ion:152 Resp: 32143
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 60.1 53.0 79.4



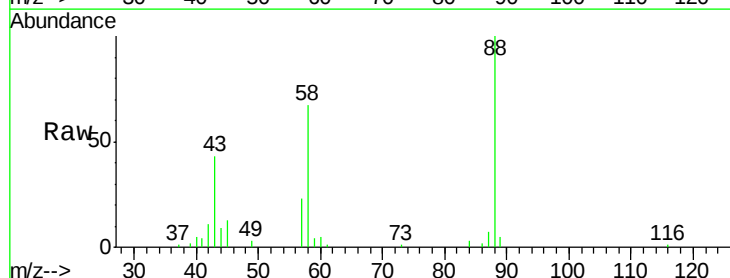
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



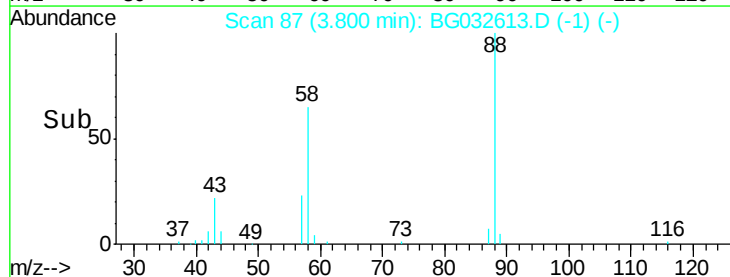
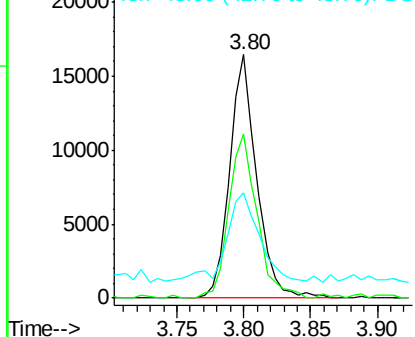
#2

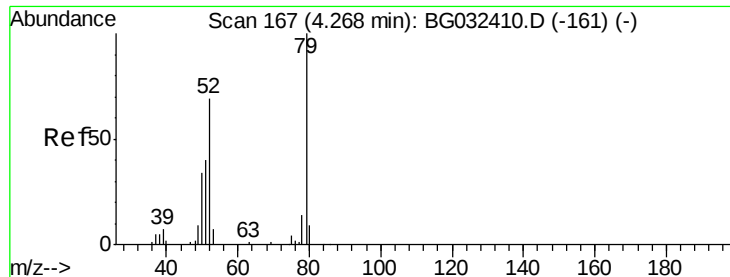
1,4-Dioxane
Concen: 43.198 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion: 88 Resp: 23259
Ion Ratio Lower Upper
88 100
58 70.3 79.6 119.4#
43 43.6 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: 31.634 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

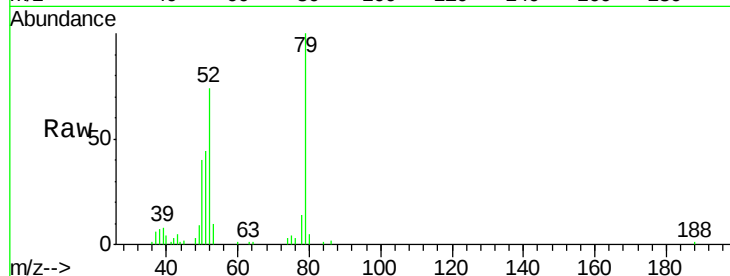
Tot Ion: 79 Resp: 45991

Ion Ratio Lower Upper

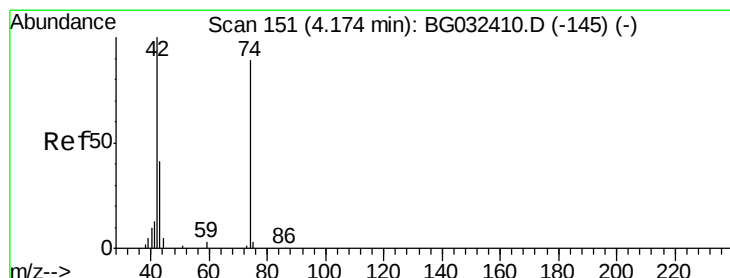
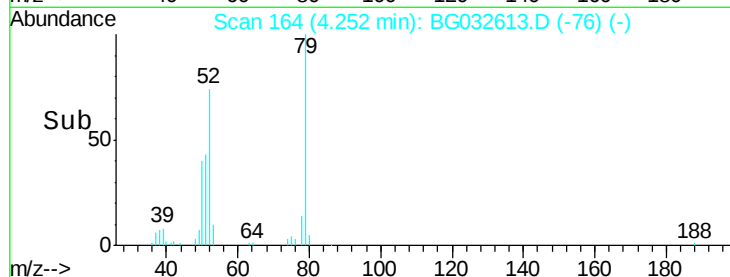
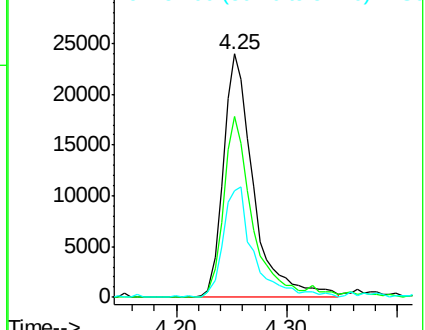
79 100

52 74.1 69.9 104.9

51 44.0 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 54.771 ng

RT: 4.15 min Scan# 147

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

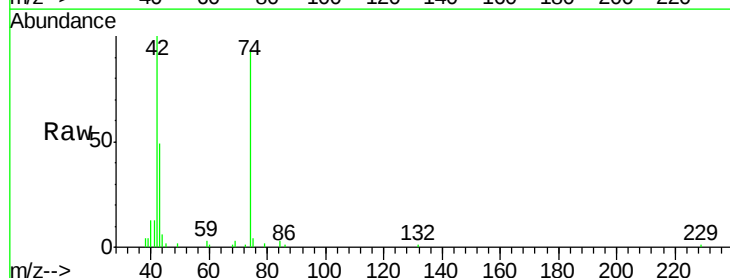
Tgt Ion: 42 Resp: 41452

Ion Ratio Lower Upper

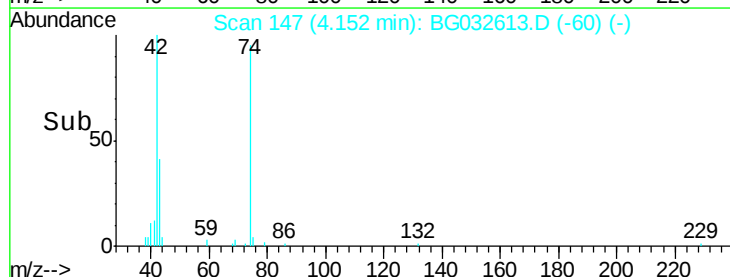
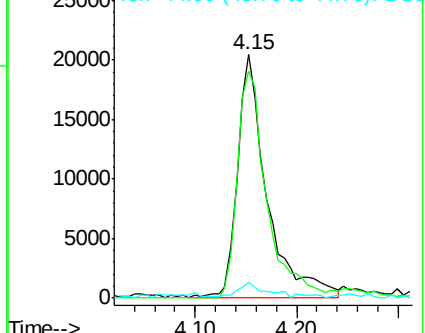
42 100

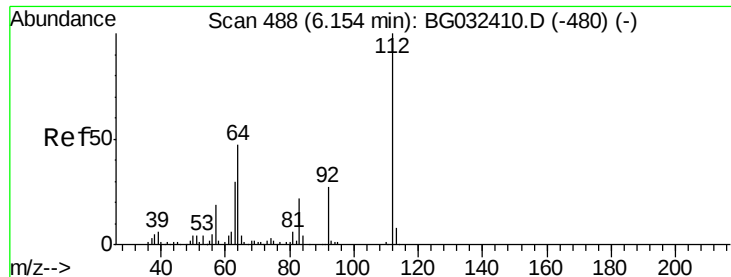
74 93.4 102.5 153.7#

44 6.3 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.025 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

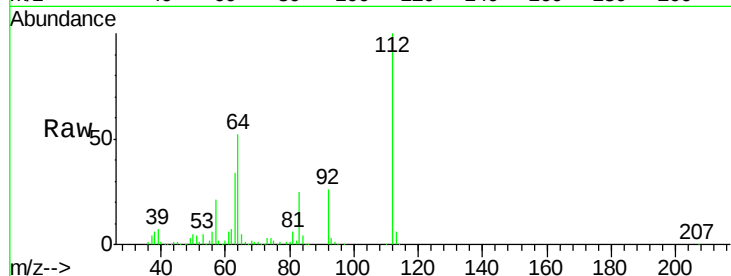
Tot Ion:112 Resp: 240086

Ion Ratio Lower Upper

112 100

64 52.0 56.3 84.5#

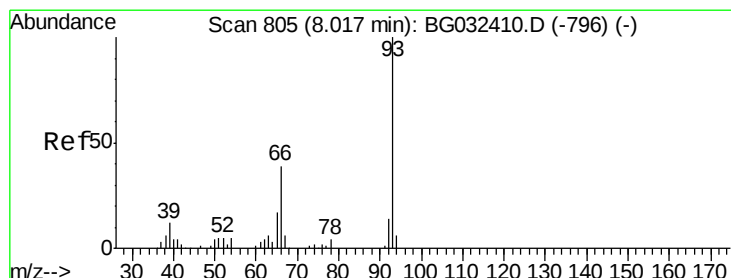
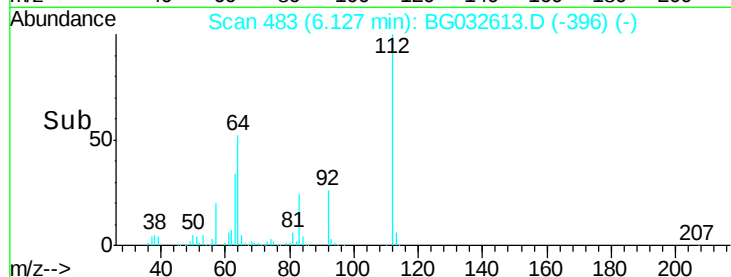
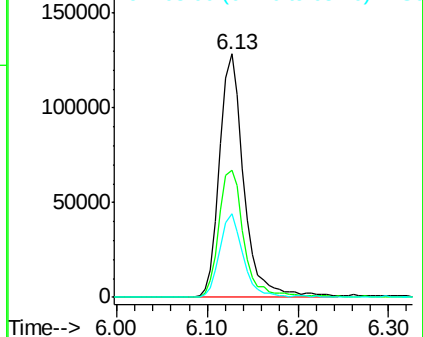
63 34.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.509 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

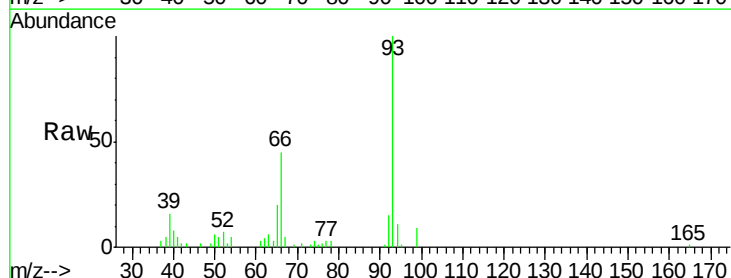
Tgt Ion: 93 Resp: 38630

Ion Ratio Lower Upper

93 100

66 45.1 33.7 50.5

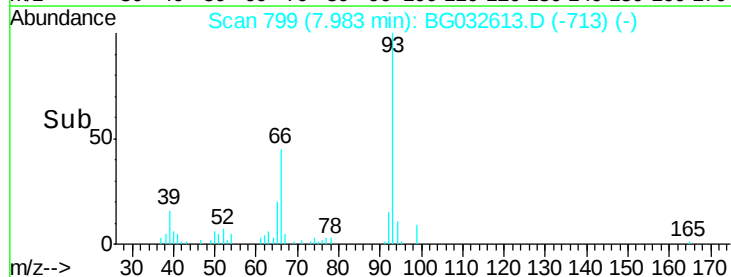
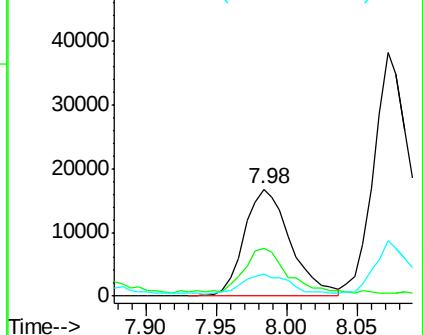
65 20.5 16.1 24.1

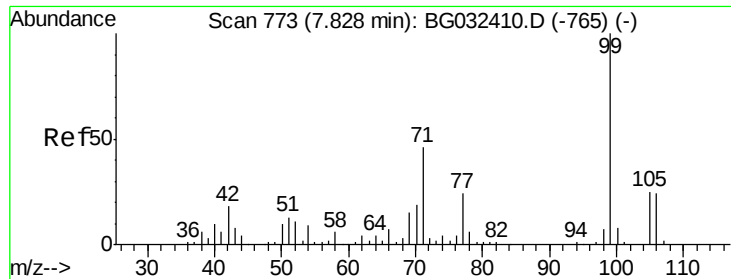


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.351 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

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ClientSampleId :

TR-05-020718MSD

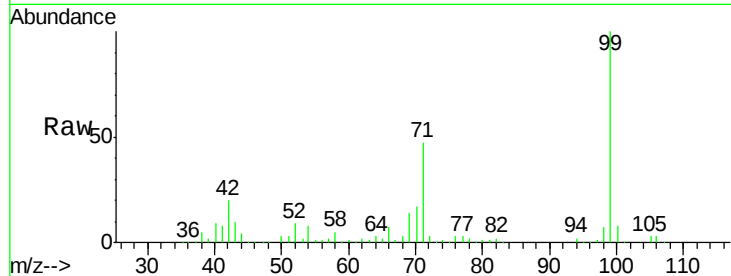
Tot Ion: 99 Resp: 282632

Ion Ratio Lower Upper

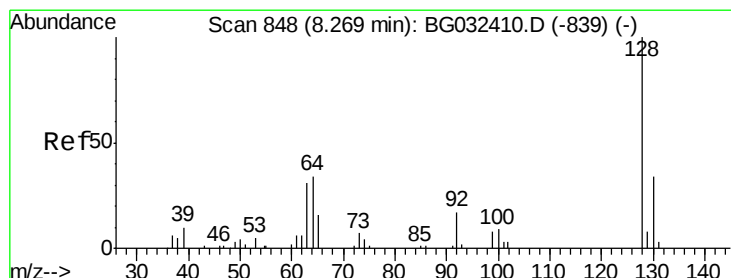
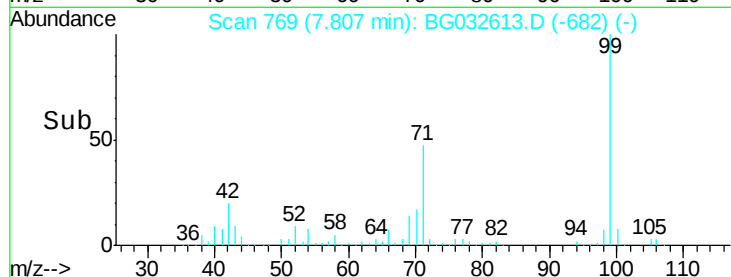
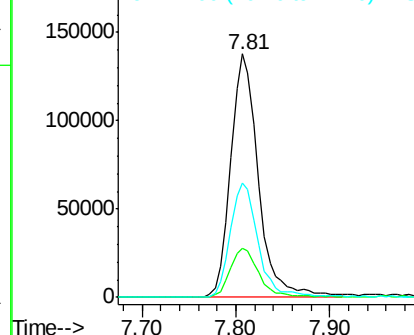
99 100

42 20.2 14.1 21.1

71 46.8 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: 51.369 ng

RT: 8.24 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

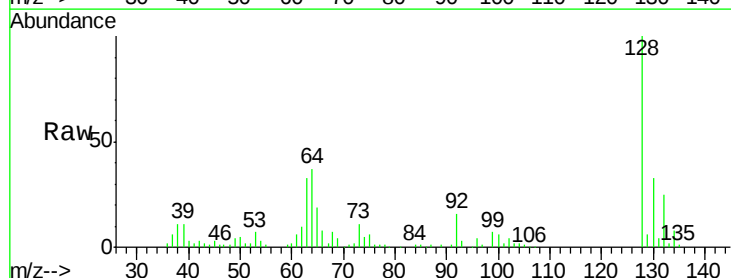
Tgt Ion: 128 Resp: 97173

Ion Ratio Lower Upper

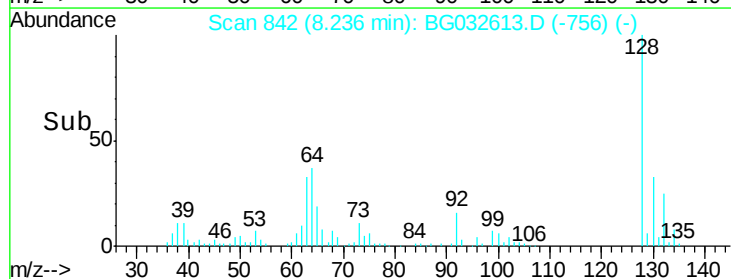
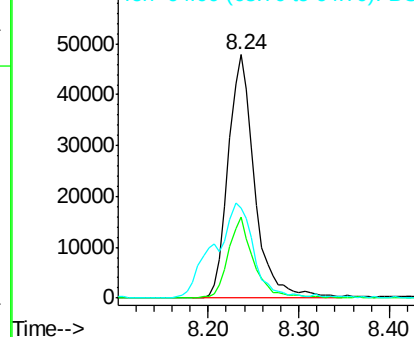
128 100

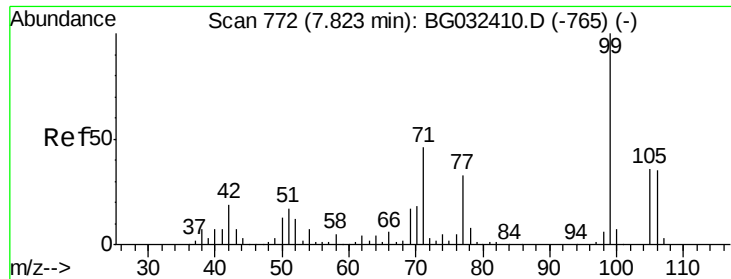
130 33.2 14.0 54.0

64 37.1 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: 21.051 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

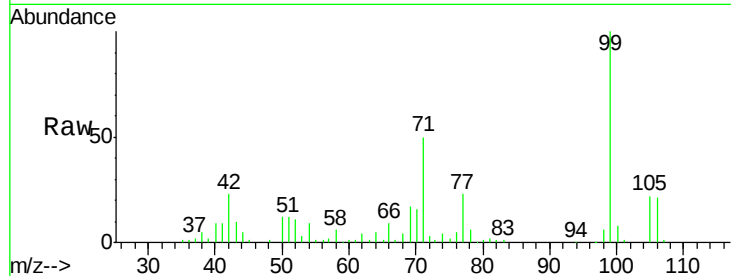
Tot Ion: 77 Resp: 23218

Ion Ratio Lower Upper

77 100

105 97.4 71.3 111.3

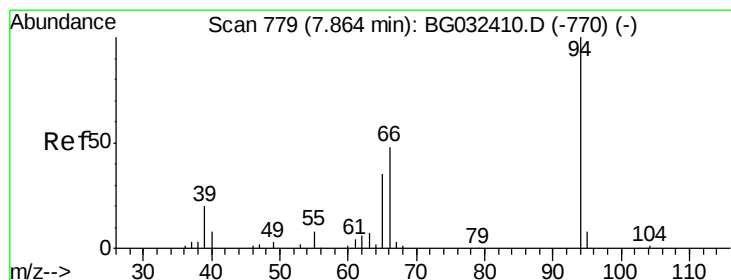
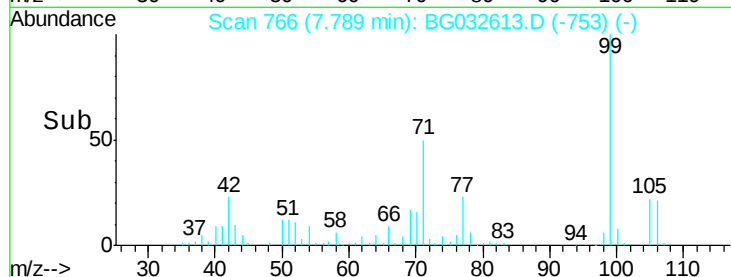
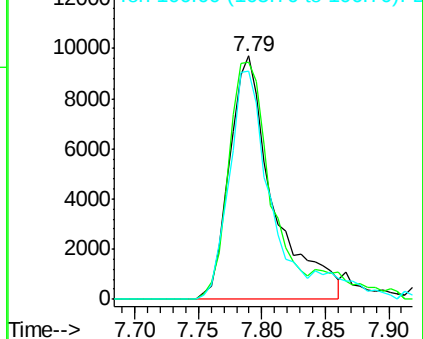
106 93.6 64.2 104.2



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: 44.188 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

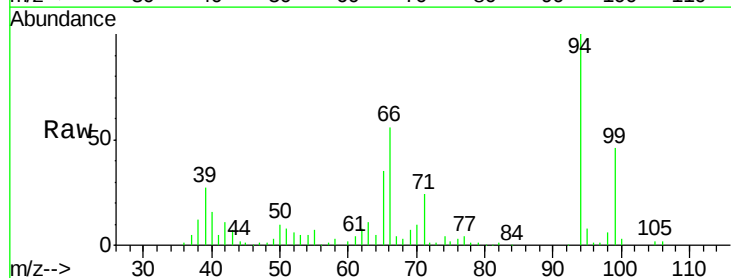
Tgt Ion: 94 Resp: 89611

Ion Ratio Lower Upper

94 100

65 34.7 11.9 51.9

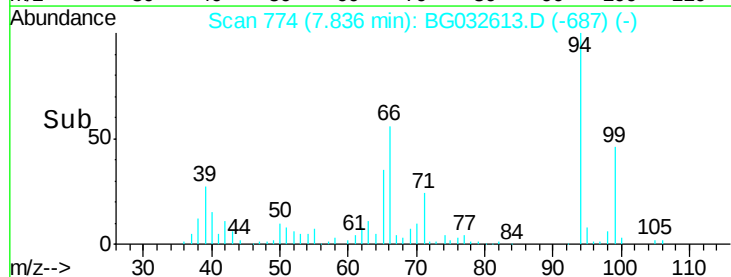
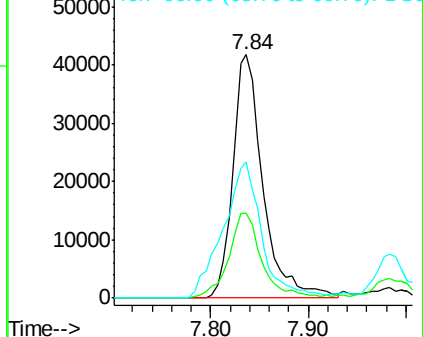
66 55.7 22.2 62.2

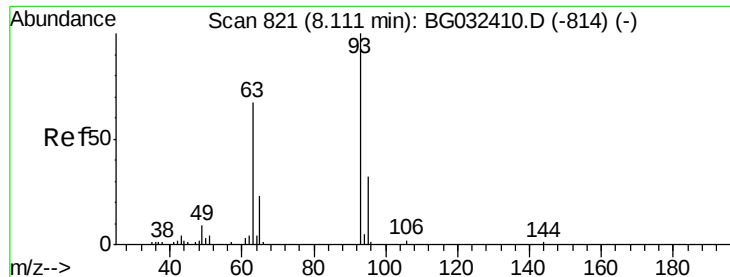


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

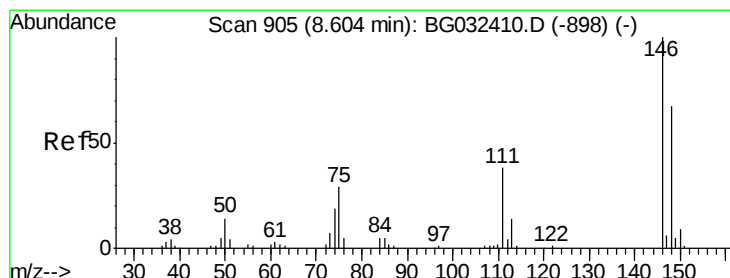
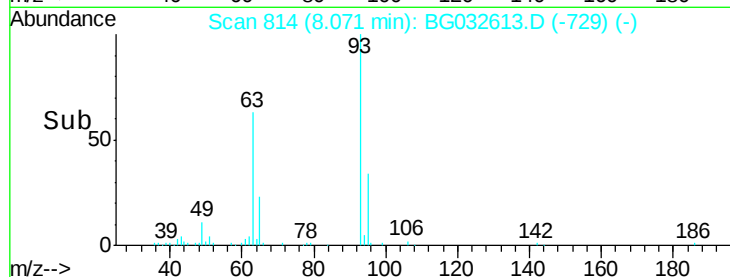
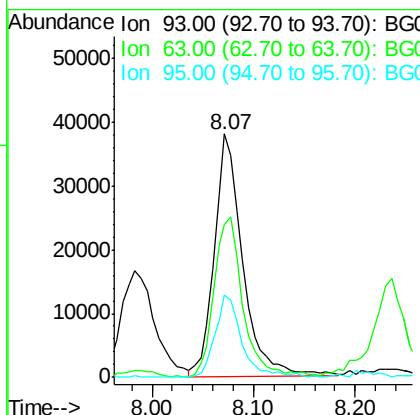
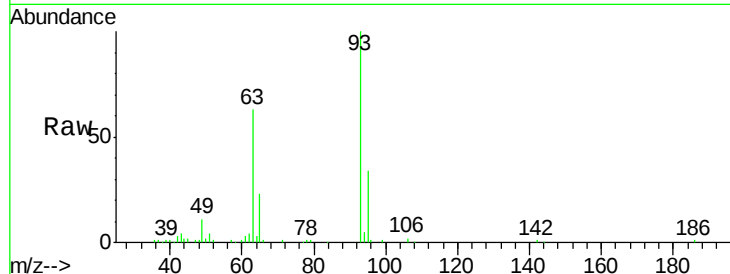




#11
bis(2-Chloroethyl)ether
Concen: 48.066 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

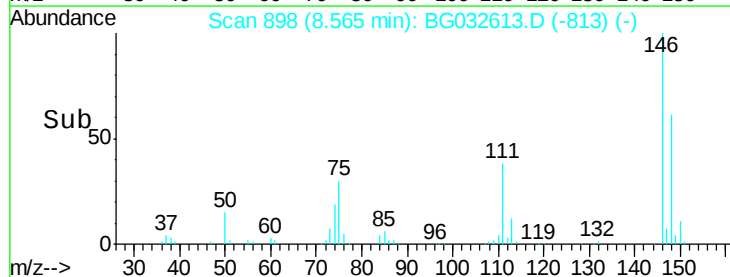
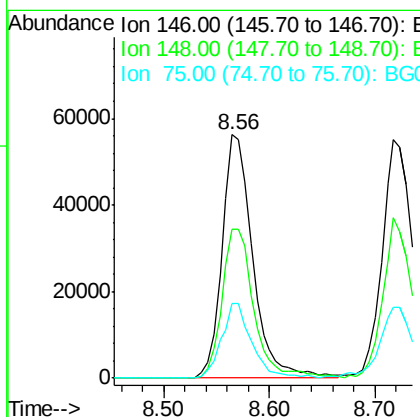
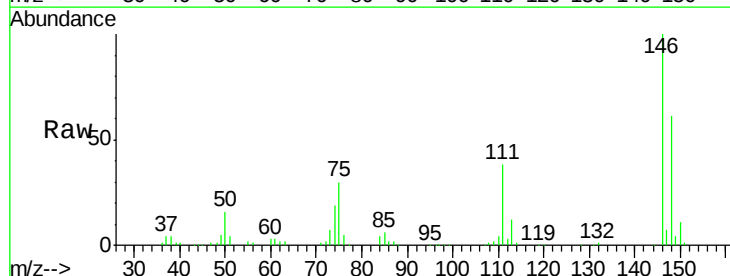
Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

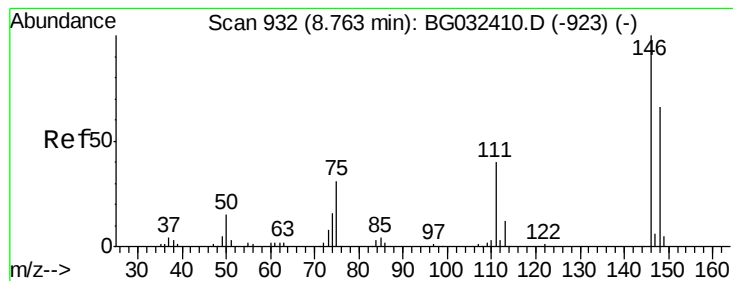
Tot Ion: 93 Resp: 74271
Ion Ratio Lower Upper
93 100
63 62.8 67.1 107.1#
95 33.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.336 ng
RT: 8.56 min Scan# 898
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion: 146 Resp: 113421
Ion Ratio Lower Upper
146 100
148 61.0 51.4 77.2
75 30.4 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 45.336 ng

RT: 8.72 min Scan# 924

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

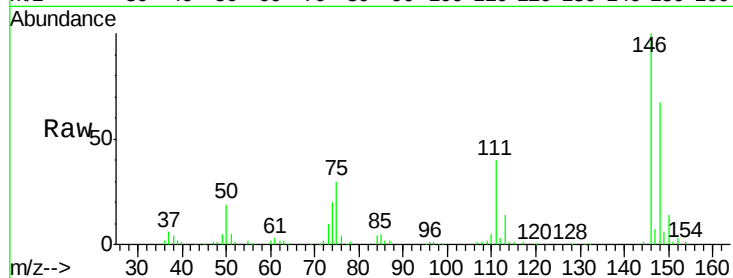
Tot Ion:146 Resp: 116245

Ion Ratio Lower Upper

146 100

148 67.3 53.7 80.5

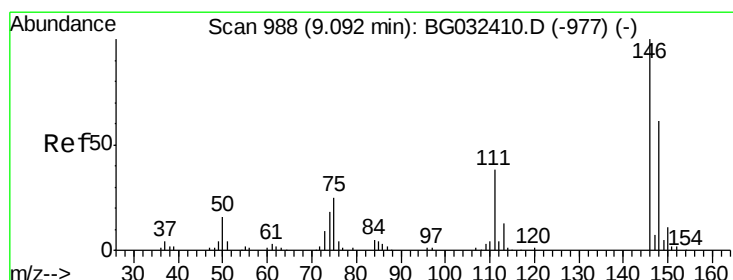
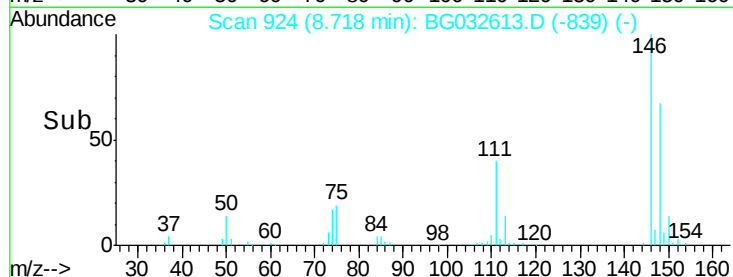
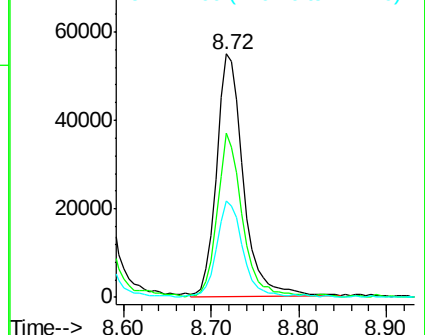
111 39.7 35.2 52.8



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: 44.423 ng

RT: 9.05 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

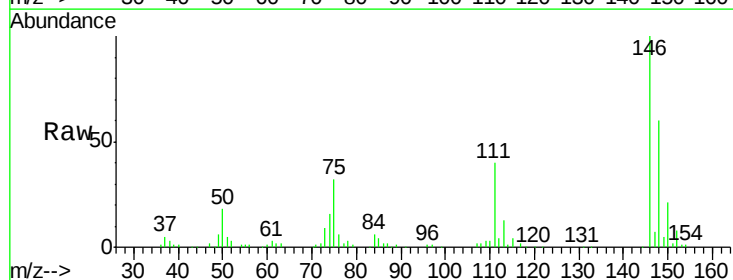
Tgt Ion:146 Resp: 111581

Ion Ratio Lower Upper

146 100

148 60.3 49.3 73.9

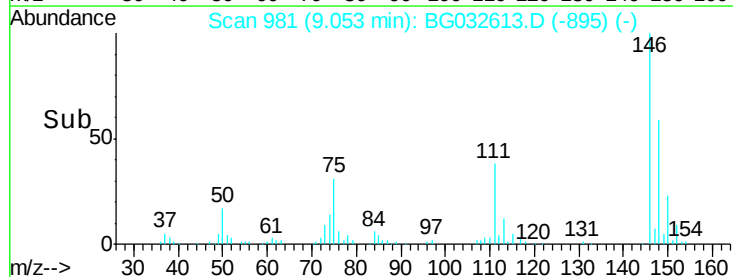
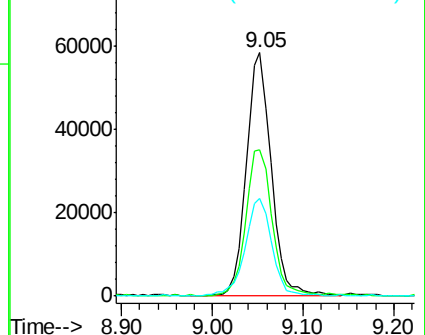
111 39.9 34.3 51.5



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: 48.475 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

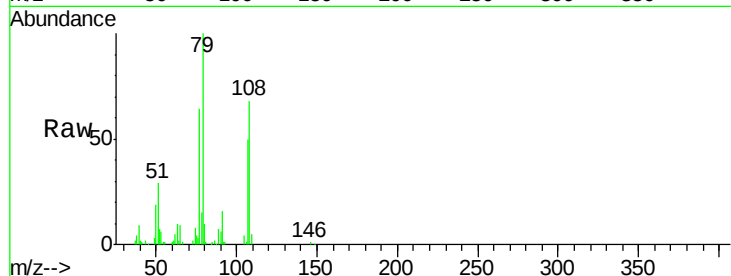
Tot Ion: 79 Resp: 85314

Ion Ratio Lower Upper

79 100

108 67.8 57.2 85.8

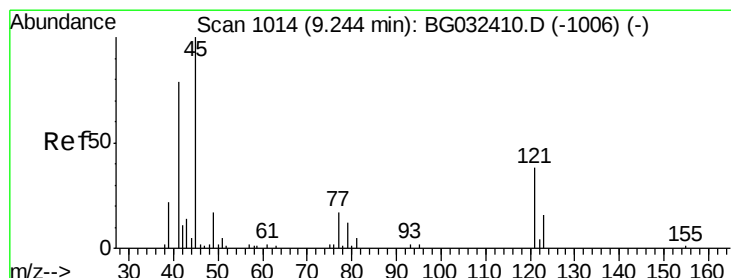
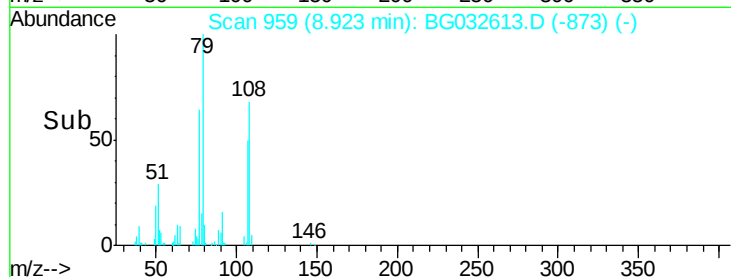
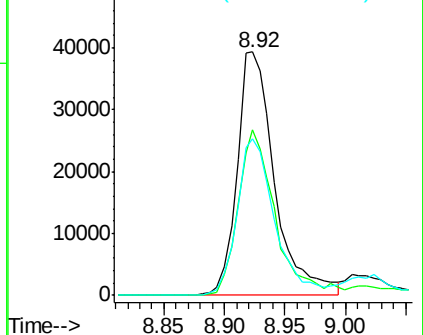
77 64.1 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.777 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

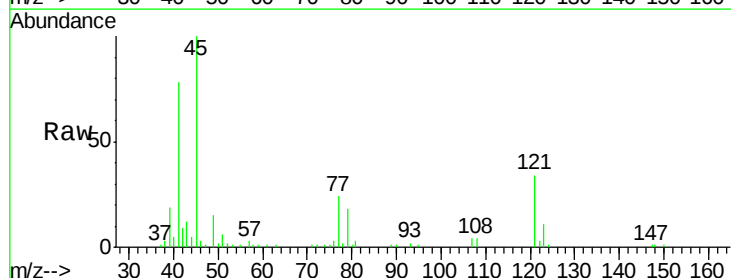
Tgt Ion: 45 Resp: 75812

Ion Ratio Lower Upper

45 100

77 24.0 0.0 30.2

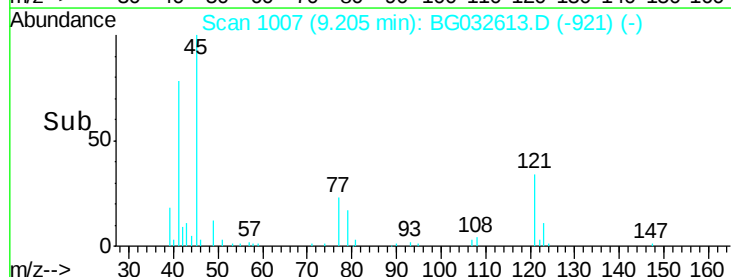
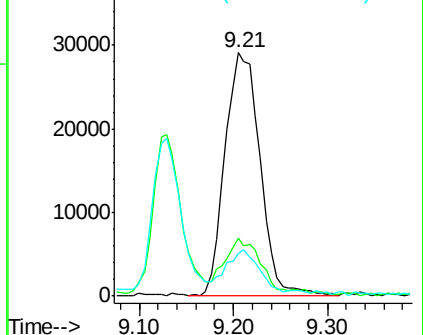
79 17.7 0.0 27.9

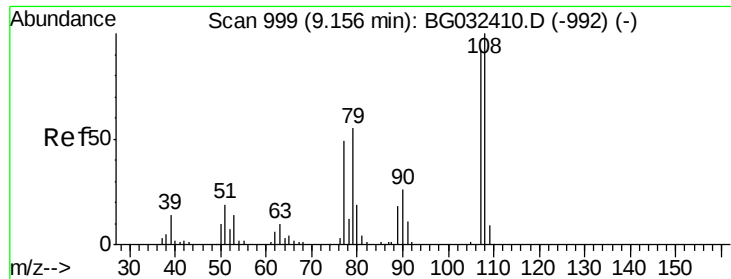


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.975 ng

RT: 9.12 min Scan# 993

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

Tot Ion:107 Resp: 74076

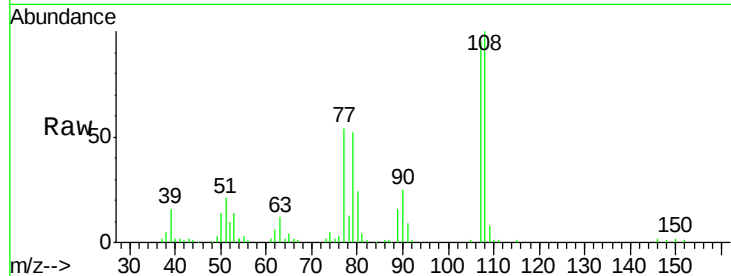
Ion Ratio Lower Upper

107 100

108 104.9 83.9 125.9

77 57.0 37.2 55.8#

79 54.5 36.2 54.2#

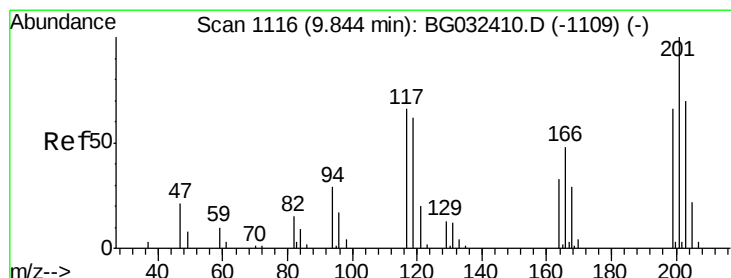
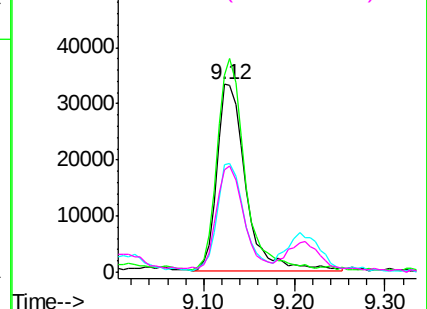
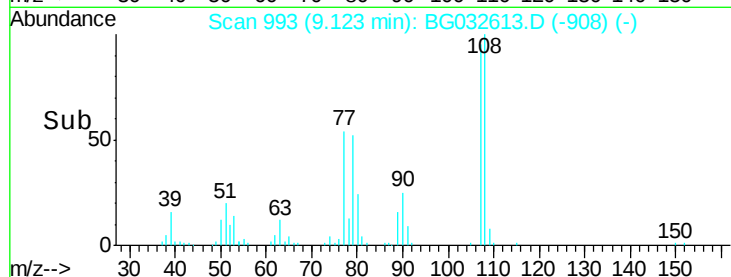


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.672 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

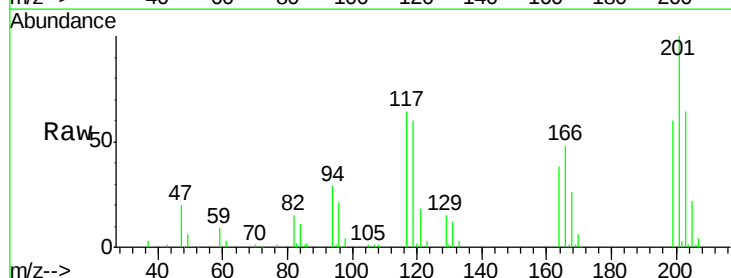
Tgt Ion:117 Resp: 40179

Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

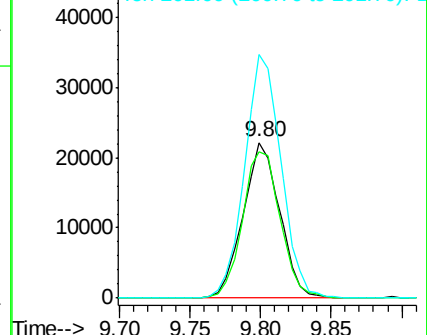
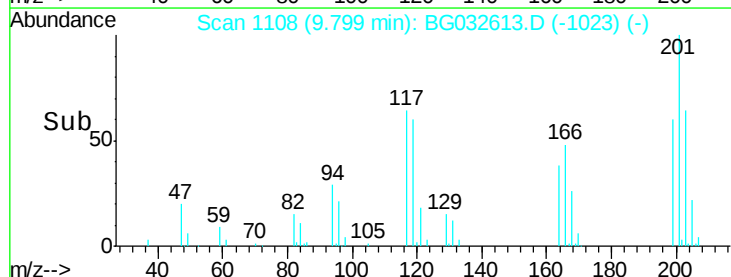
201 156.6 95.7 143.5#

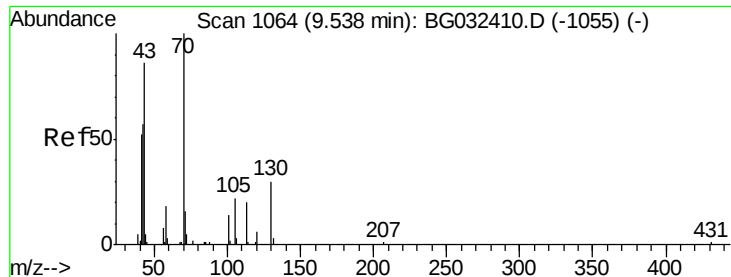


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

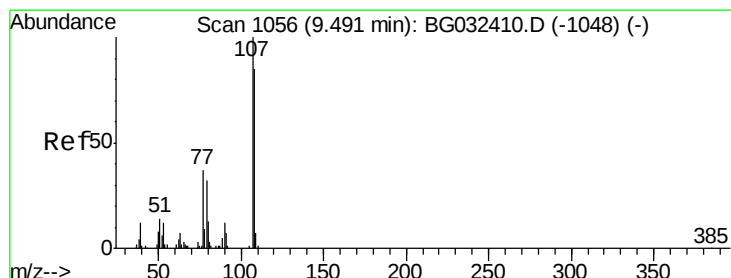
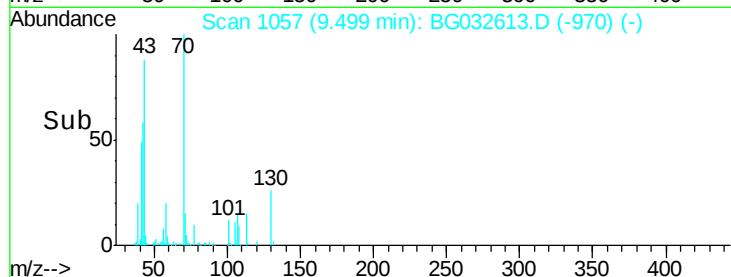
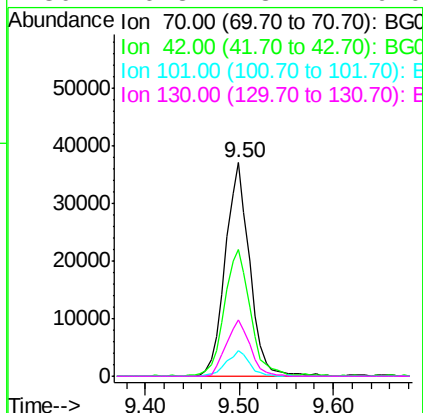
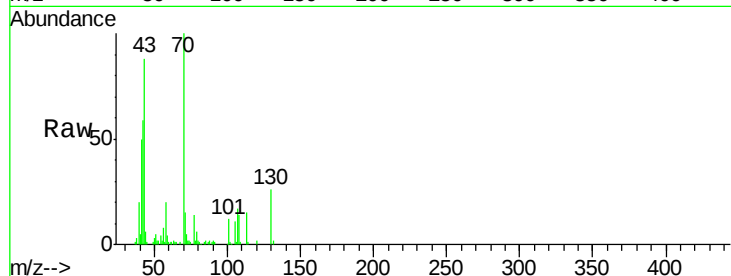




#19
n-Nitroso-di-n-propylamine
Concen: 47.159 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

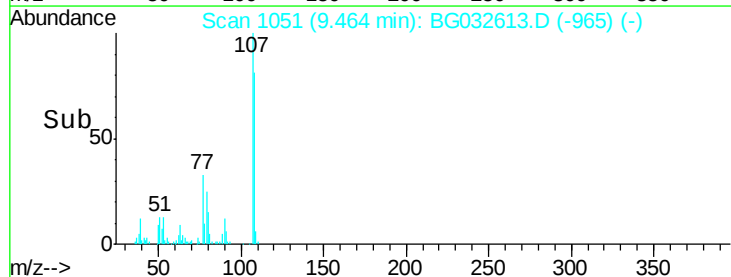
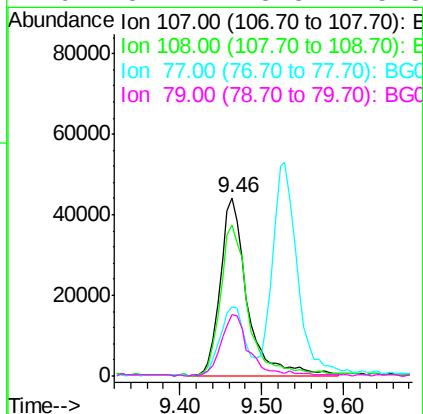
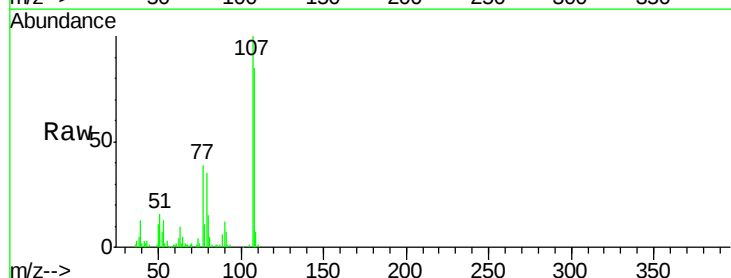
Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

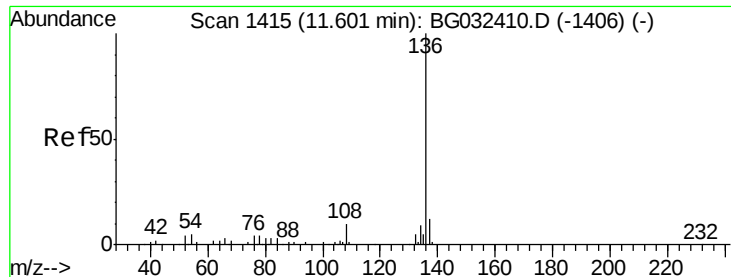
Tot Ion: 70 Resp: 66773
Ion Ratio Lower Upper
70 100
42 59.2 49.1 73.7
101 12.1 8.5 12.7
130 26.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.238 ng
RT: 9.46 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion: 107 Resp: 102204
Ion Ratio Lower Upper
107 100
108 84.7 61.6 101.6
77 39.1 13.9 53.9
79 34.7 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

Tot Ion:136 Resp: 134502

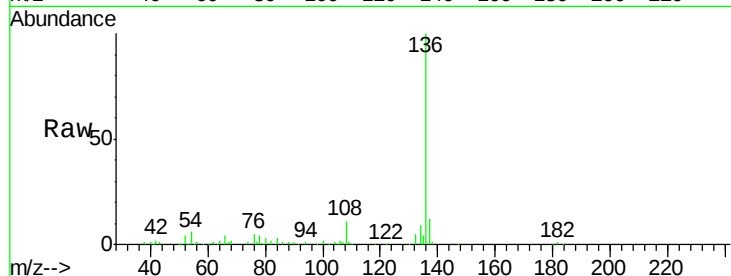
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 5.6 10.3 15.5#

68 2.2 4.5 6.7#

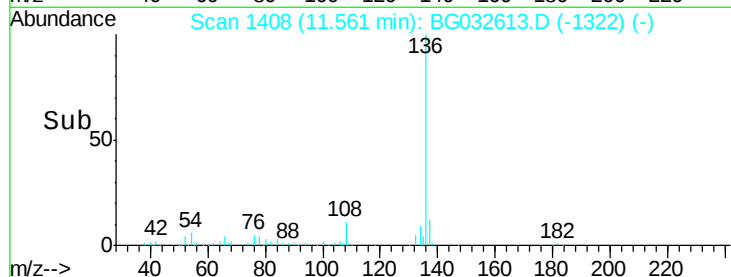


Abundance Ion 136.00 (135.70 to 136.70): E

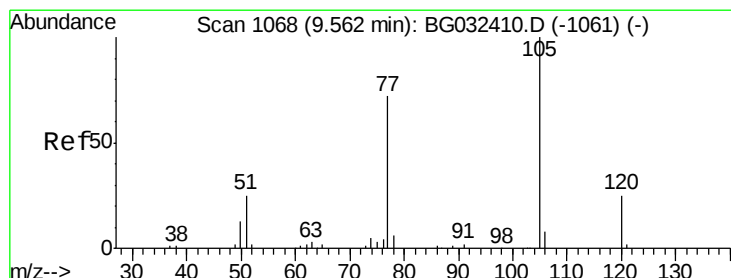
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 43.514 ng

RT: 9.53 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Tgt Ion:105 Resp: 137195

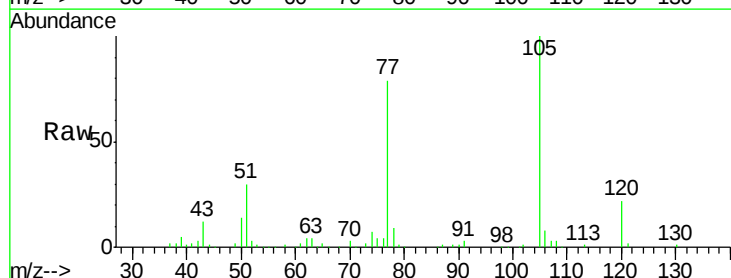
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 29.6 26.1 39.1

120 21.6 17.4 26.2

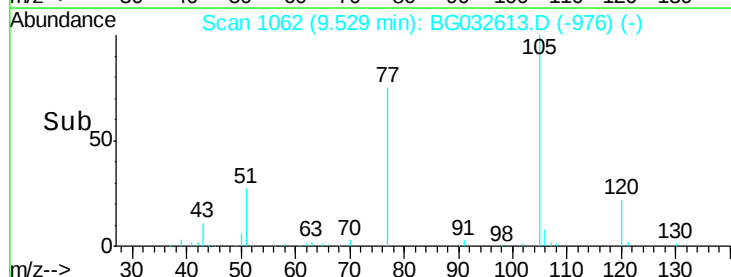


Abundance Ion 105.00 (104.70 to 105.70): E

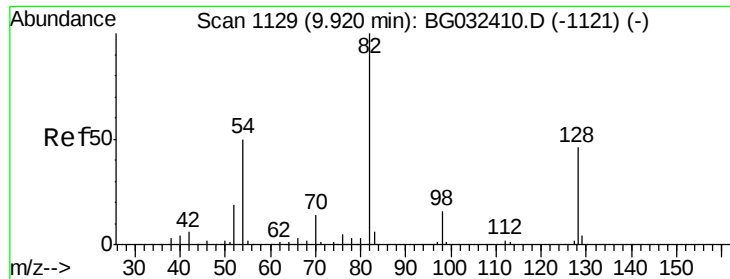
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



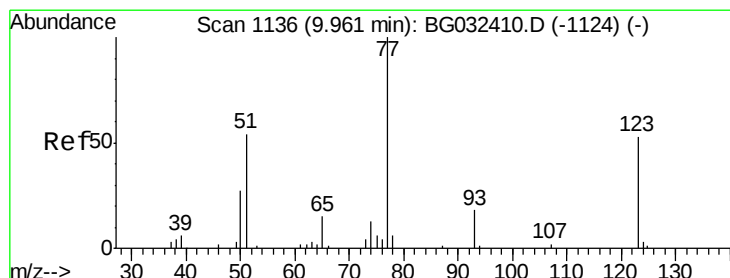
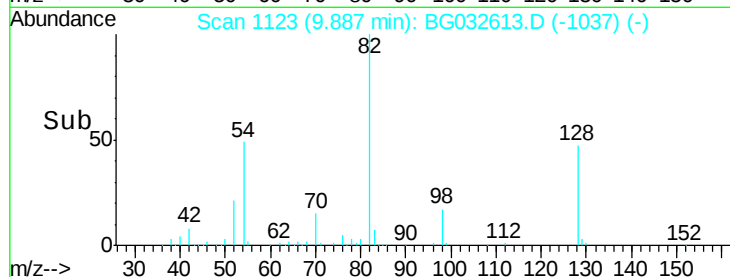
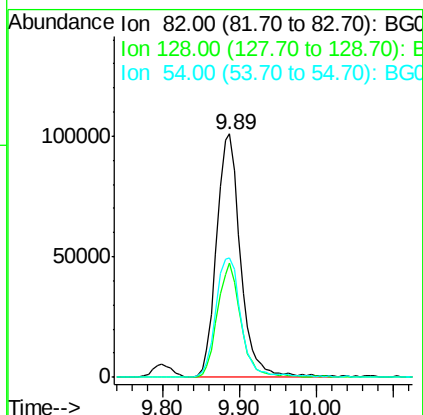
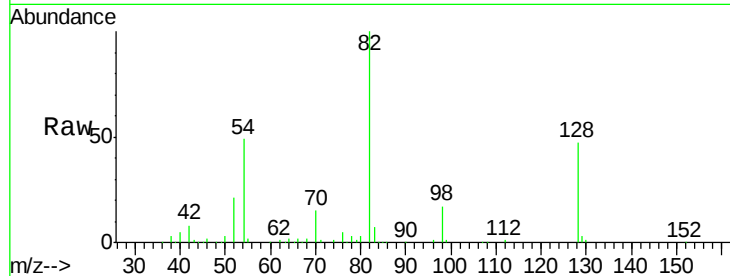
Time-->



#23
 Nitrobenzene-d5
 Concen: 100.486 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

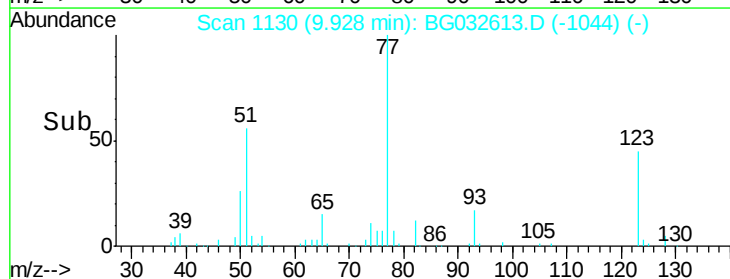
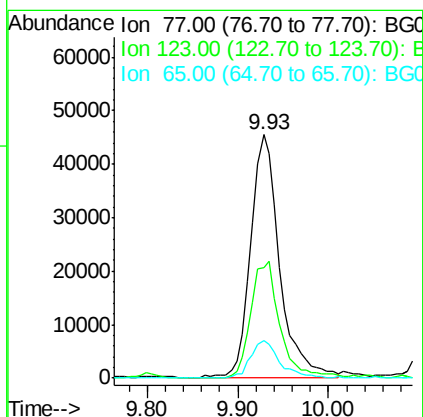
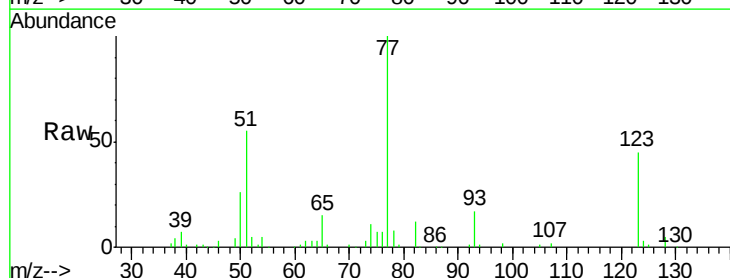
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

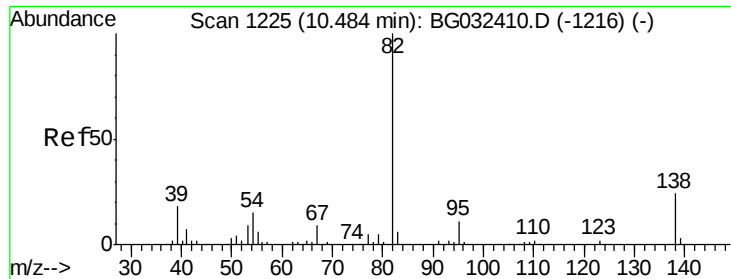
Tot Ion: 82 Resp: 216386
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 49.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 48.657 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion: 77 Resp: 101318
 Ion Ratio Lower Upper
 77 100
 123 45.2 33.0 49.6
 65 15.3 13.0 19.6





#25

Isophorone

Concen: 52.570 ng

RT: 10.45 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

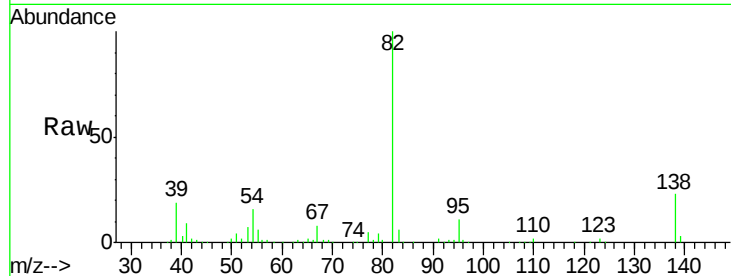
Tot Ion: 82 Resp: 192756

Ion Ratio Lower Upper

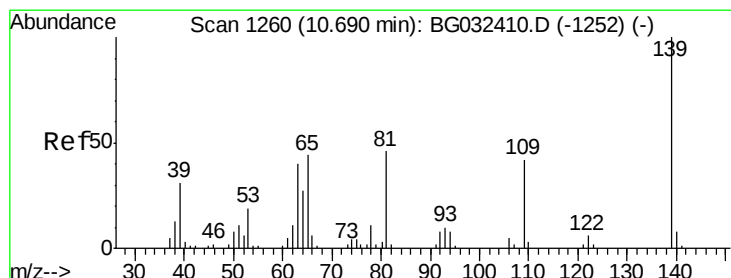
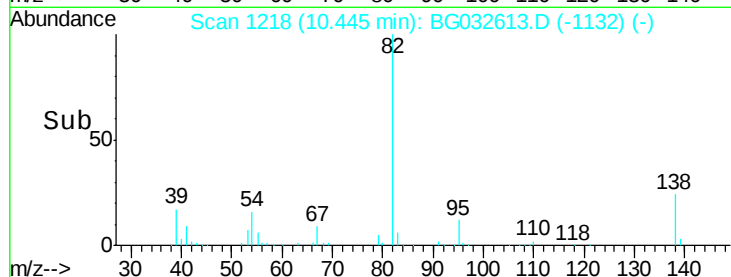
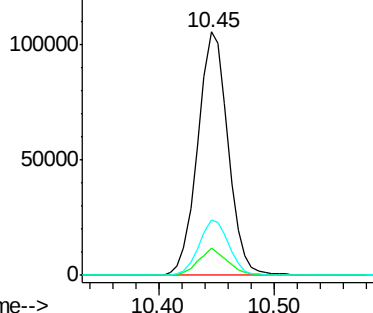
82 100

95 11.2 6.2 9.2#

138 23.0 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 45.630 ng

RT: 10.65 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

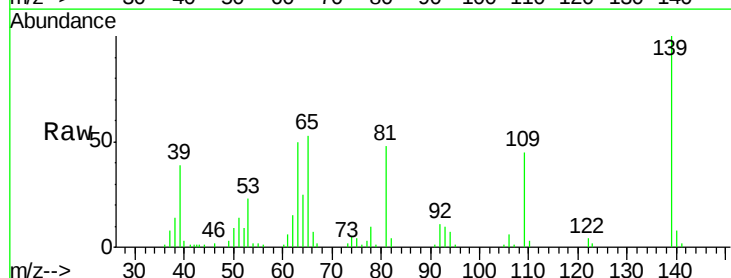
Tgt Ion:139 Resp: 57436

Ion Ratio Lower Upper

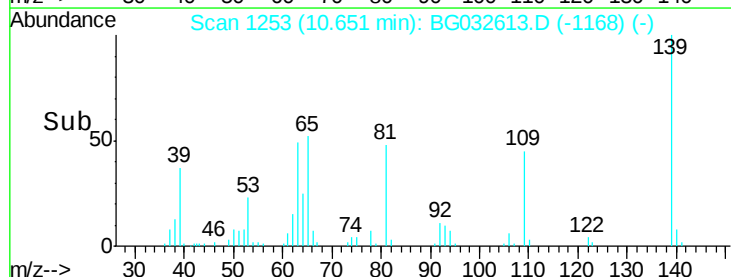
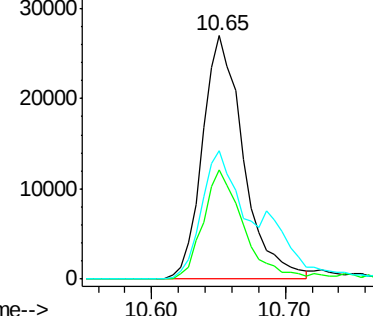
139 100

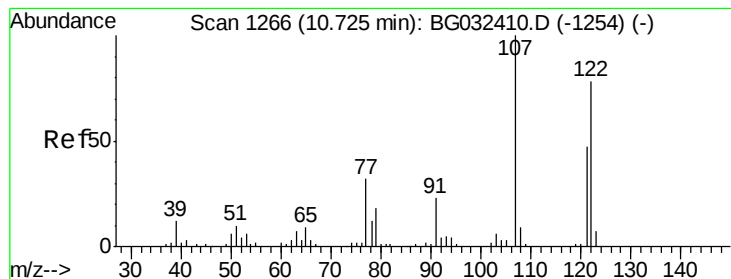
109 44.8 24.2 36.2#

65 52.6 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 51.857 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

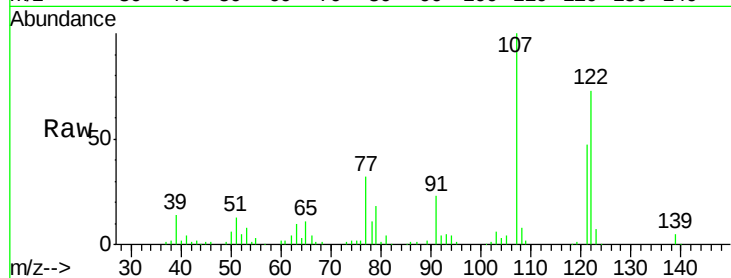
Tot Ion:122 Resp: 93689

Ion Ratio Lower Upper

122 100

107 137.8 100.2 150.2

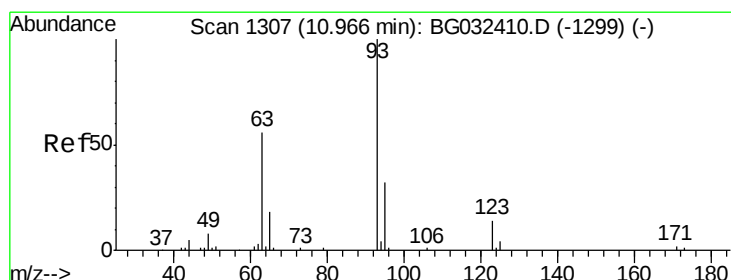
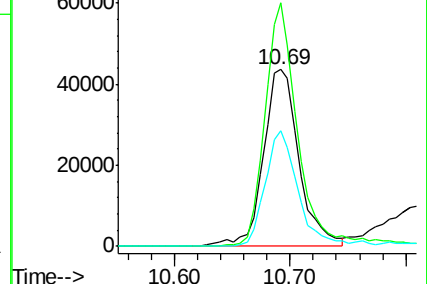
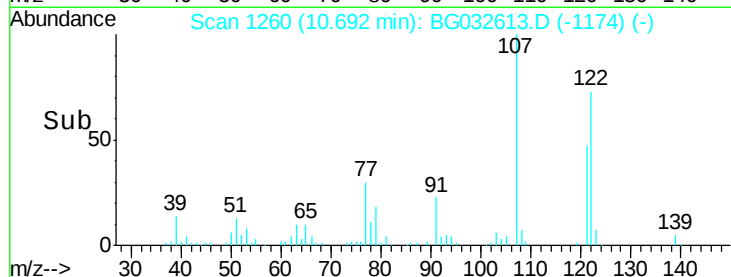
121 65.3 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.968 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

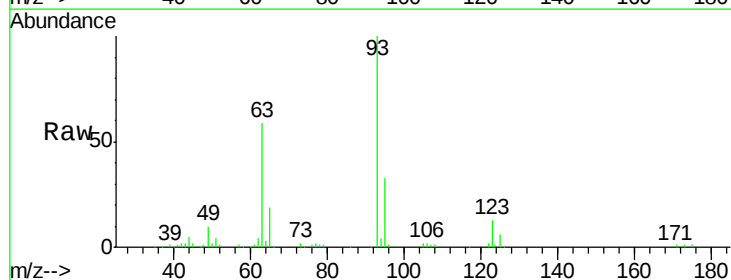
Tgt Ion: 93 Resp: 104490

Ion Ratio Lower Upper

93 100

95 33.5 24.3 36.5

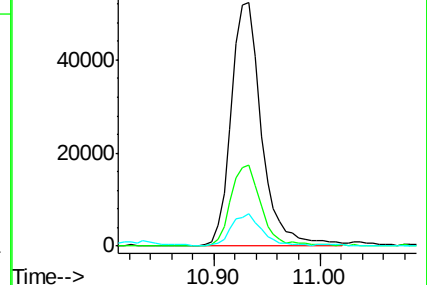
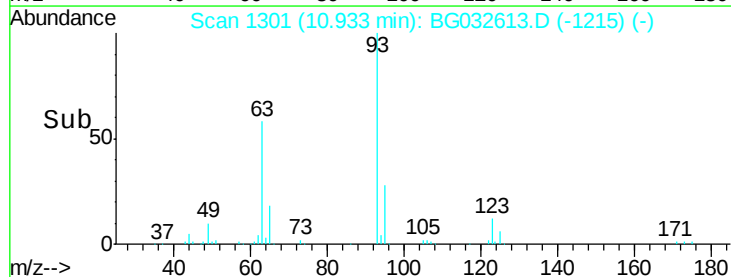
123 13.4 8.4 12.6#

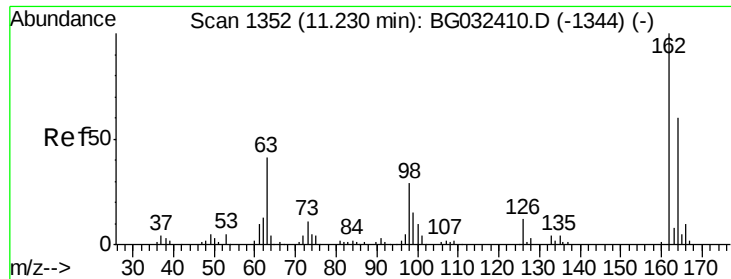


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

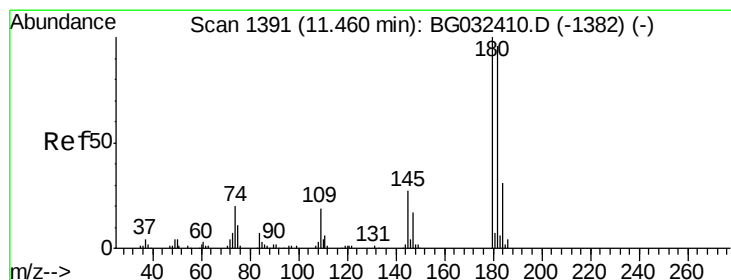
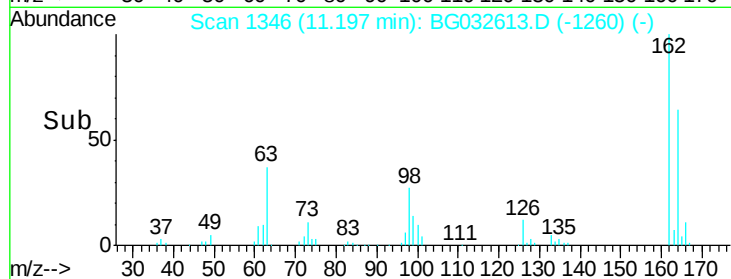
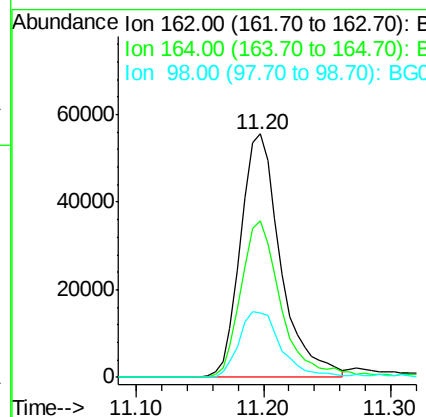
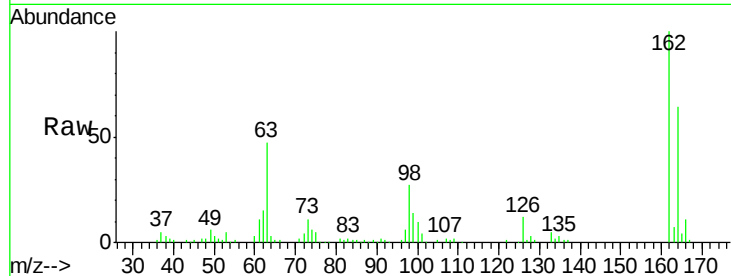




#29
 2,4-Dichlorophenol
 Concen: 51.075 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

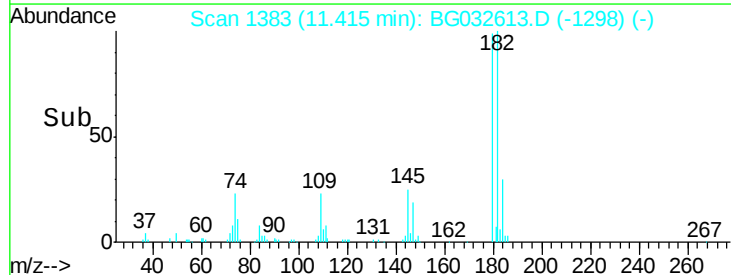
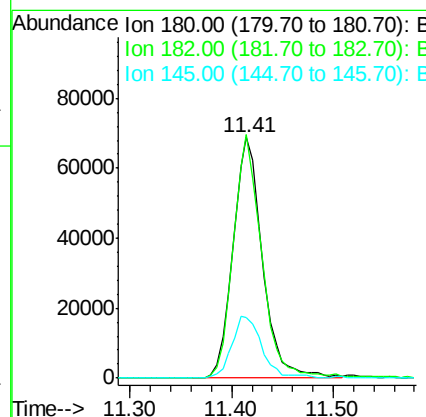
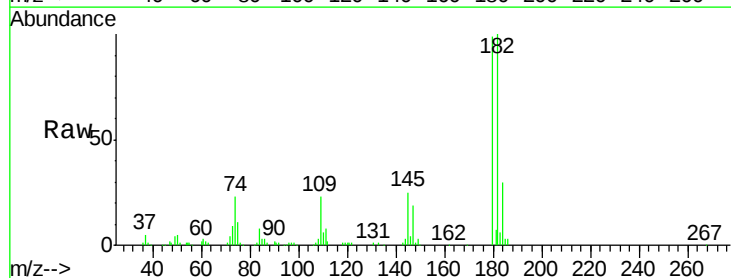
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

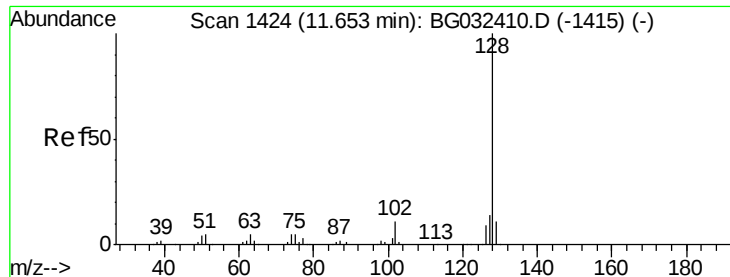
Tot Ion:162 Resp: 122241
 Ion Ratio Lower Upper
 162 100
 164 64.1 48.0 88.0
 98 26.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.267 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.03 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:180 Resp: 138017
 Ion Ratio Lower Upper
 180 100
 182 101.1 77.5 116.3
 145 25.2 23.4 35.2





#31

Naphthalene

Concen: 51.929 ng

RT: 11.61 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

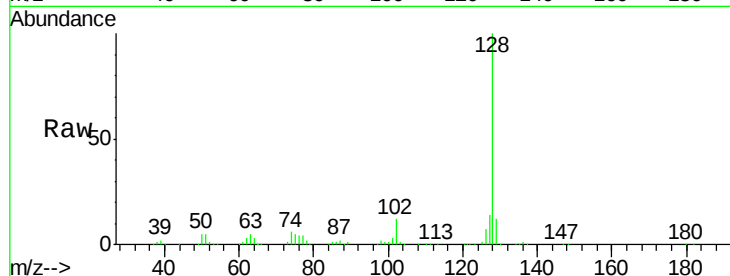
Tot Ion:128 Resp: 341134

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

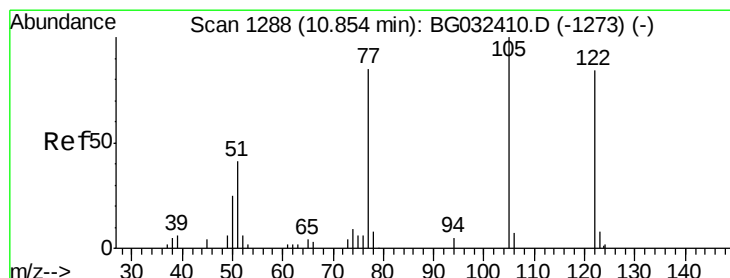
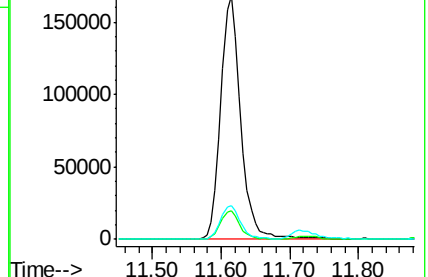
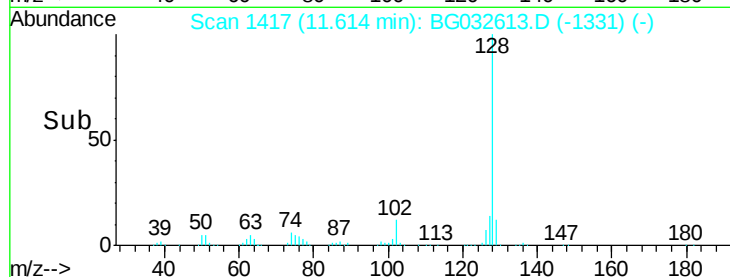
127 13.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.518 ng

RT: 10.82 min Scan# 1282

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

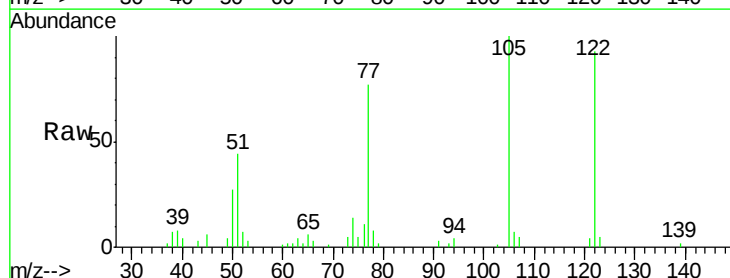
Tgt Ion:122 Resp: 54394

Ion Ratio Lower Upper

122 100

105 107.6 123.5 163.5#

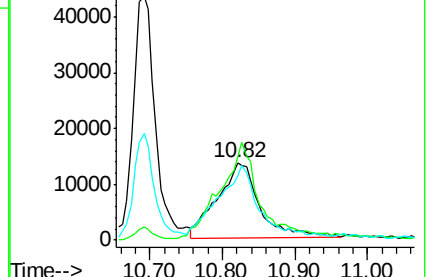
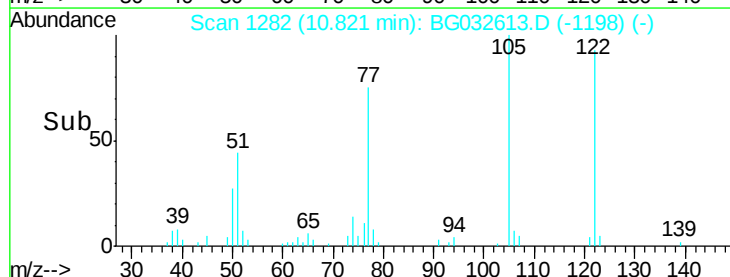
77 82.9 85.7 125.7#

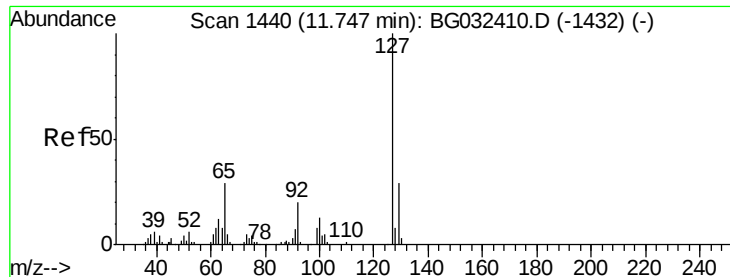


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

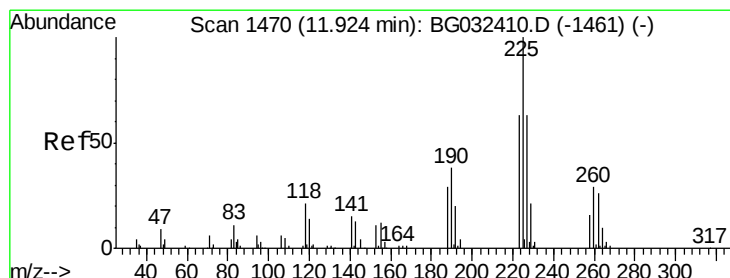
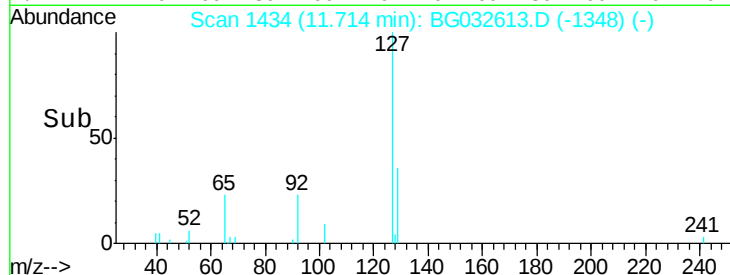
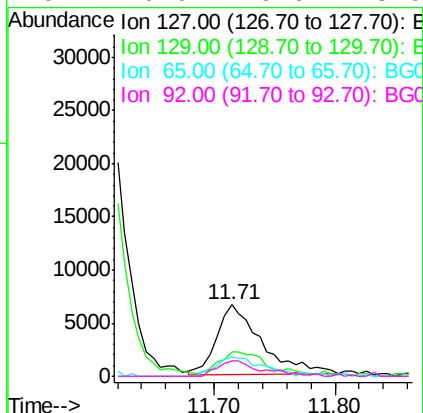
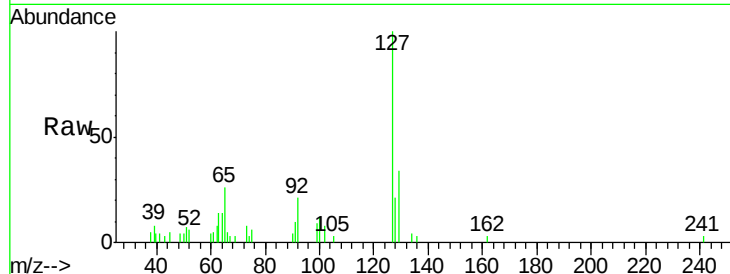




#33
4-Chloroaniline
Concen: 5.703 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

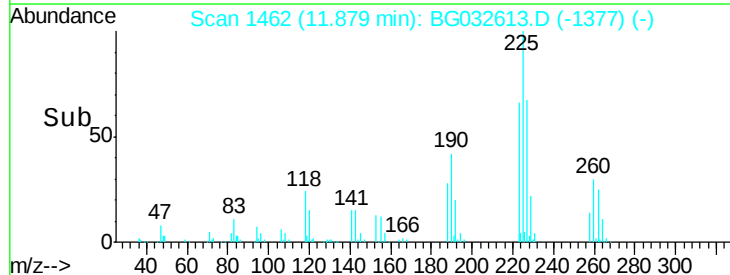
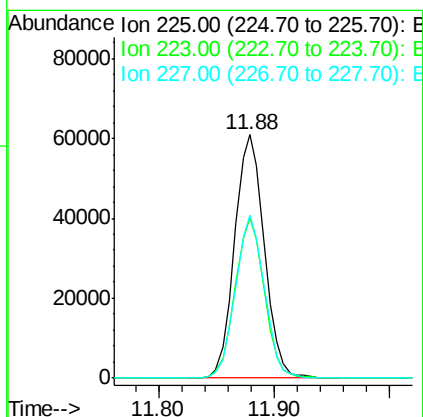
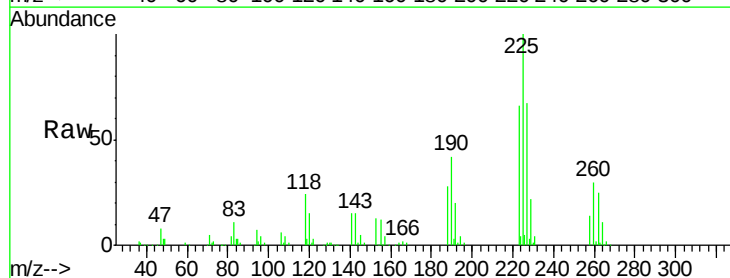
Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

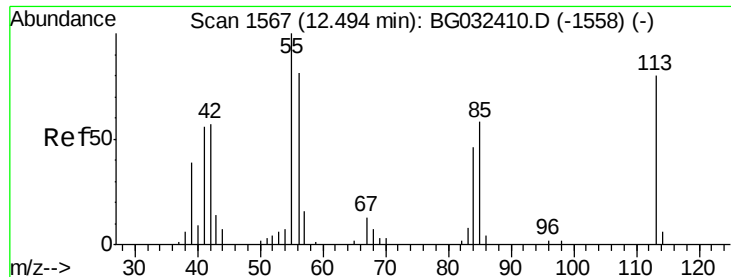
Tot Ion:	127	Resp:	16711
Ion	Ratio	Lower	Upper
127	100		
129	34.4	24.0	36.0
65	26.2	27.0	40.4#
92	20.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 43.529 ng
RT: 11.88 min Scan# 1462
Delta R.T. -0.03 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:	225	Resp:	108031
Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.7	74.5
227	66.9	48.1	72.1





#35

Caprolactam

Concen: 41.409 ng

RT: 12.47 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

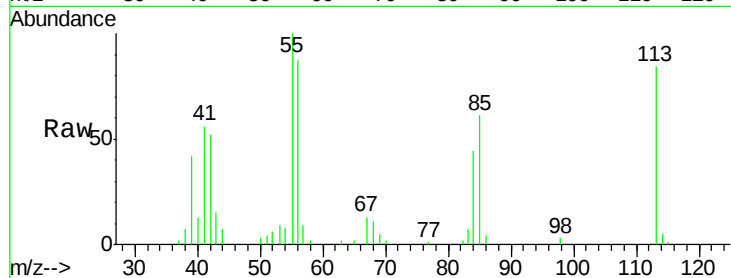
Tot Ion:113 Resp: 28451

Ion Ratio Lower Upper

113 100

55 119.7 186.9 226.9#

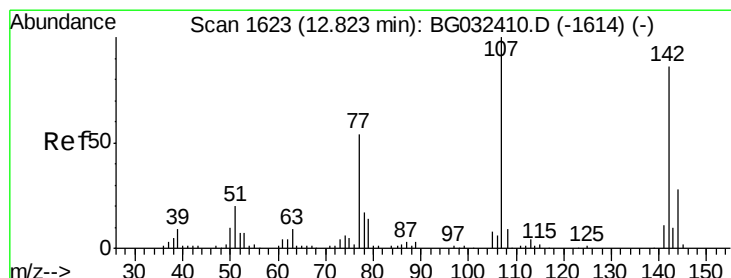
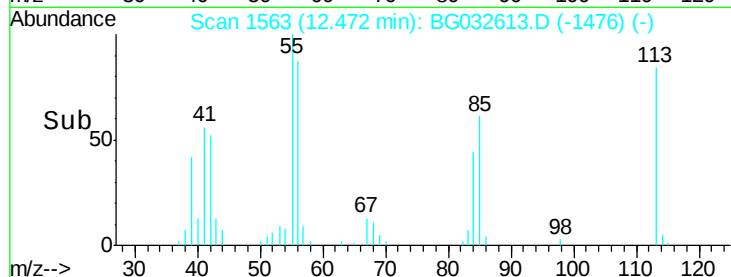
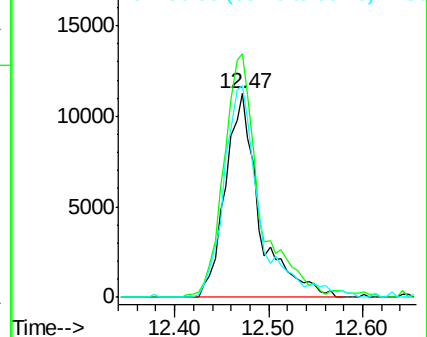
56 103.8 130.9 170.9#



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: 52.461 ng

RT: 12.80 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

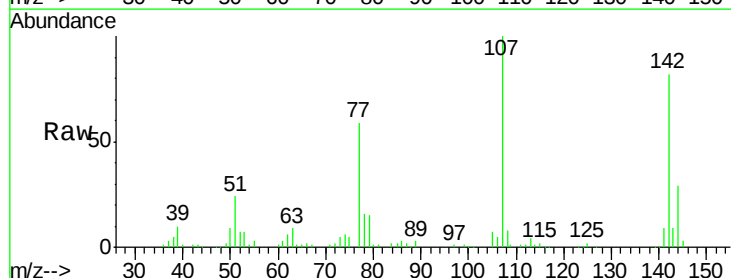
Tgt Ion:107 Resp: 119098

Ion Ratio Lower Upper

107 100

144 29.1 18.2 27.4#

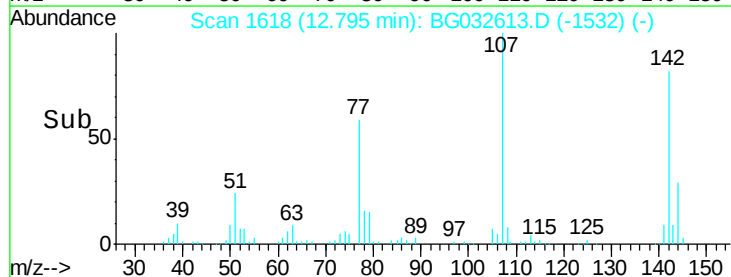
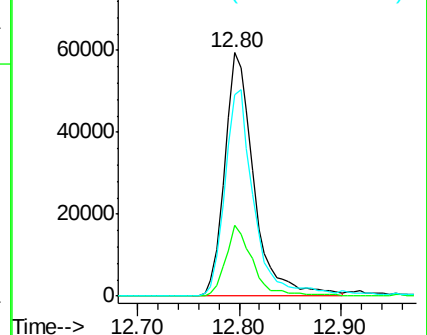
142 82.5 59.0 88.4

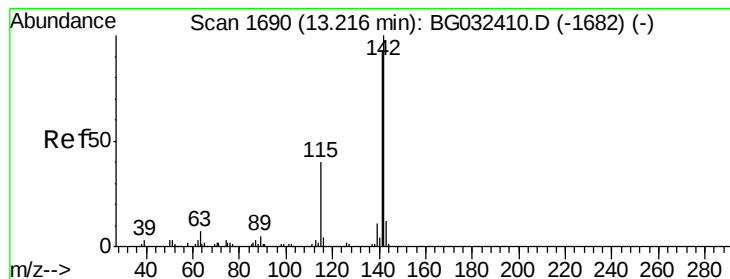


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.577 ng

RT: 13.18 min Scan# 1683

Delta R.T. -0.03 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

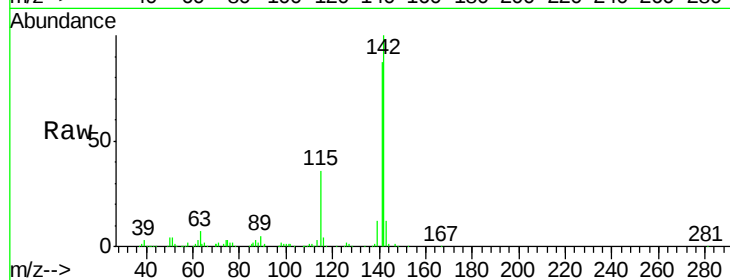
Tot Ion:142 Resp: 262570

Ion Ratio Lower Upper

142 100

141 87.3 67.1 100.7

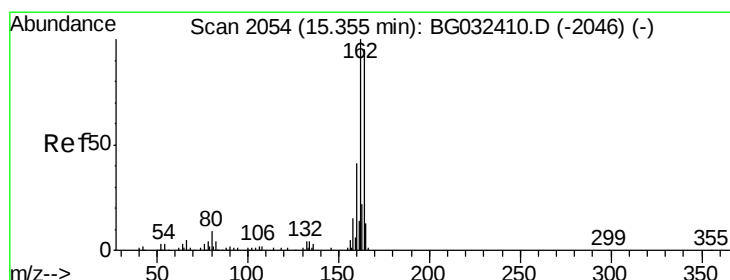
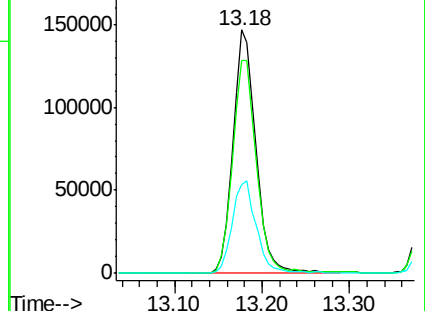
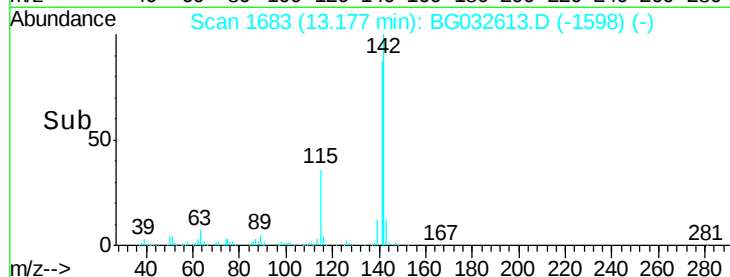
115 36.4 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

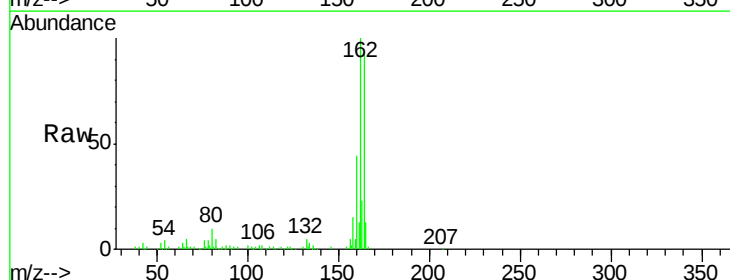
Tgt Ion:164 Resp: 99977

Ion Ratio Lower Upper

164 100

162 109.0 78.8 118.2

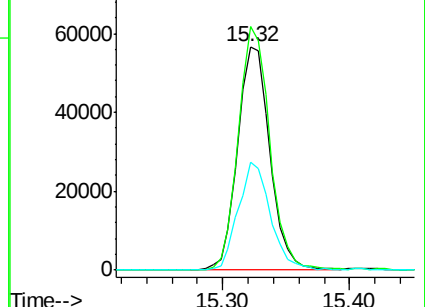
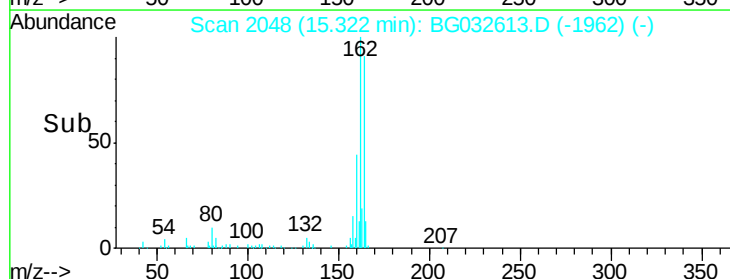
160 48.2 35.4 53.0

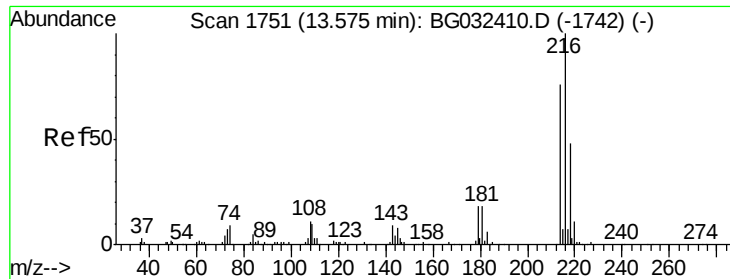


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.740 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

Tot Ion:216 Resp: 209258

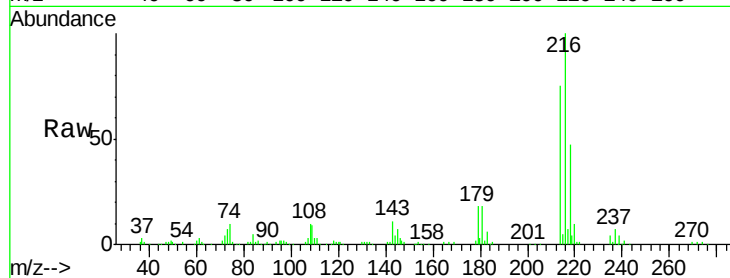
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 17.8 17.0 25.6

108 12.9 12.8 19.2

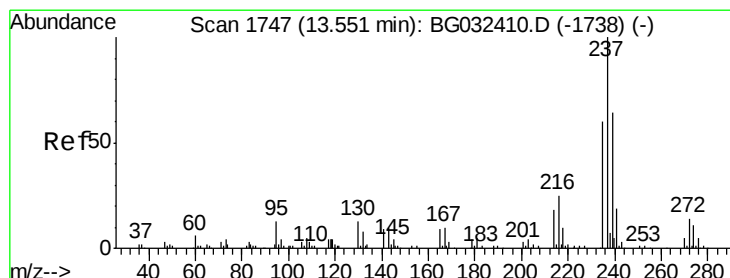
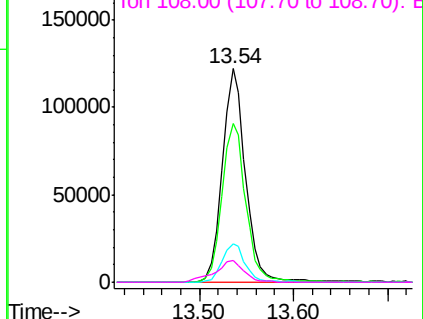
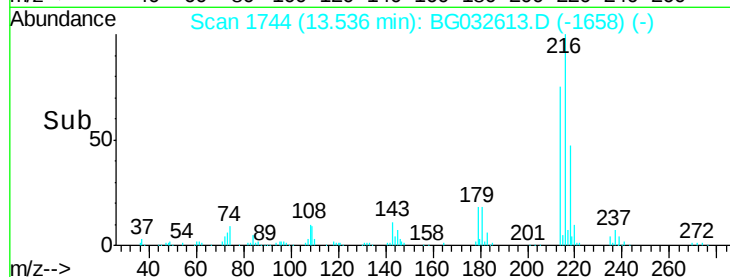


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.642 ng

RT: 13.51 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

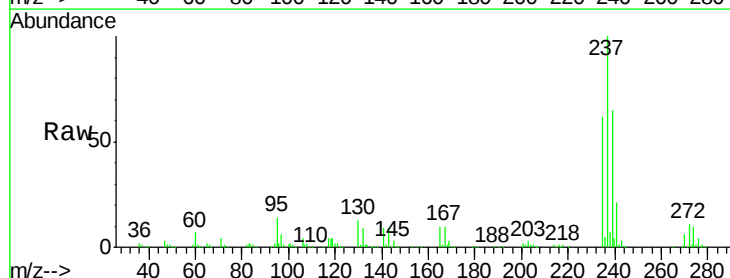
Tgt Ion:237 Resp: 270733

Ion Ratio Lower Upper

237 100

235 61.8 50.4 90.4

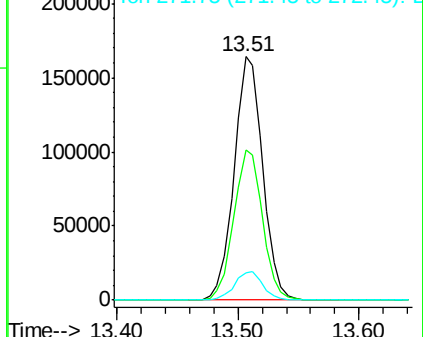
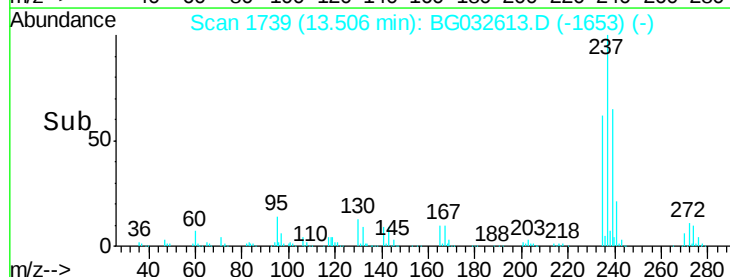
272 11.4 0.0 31.8

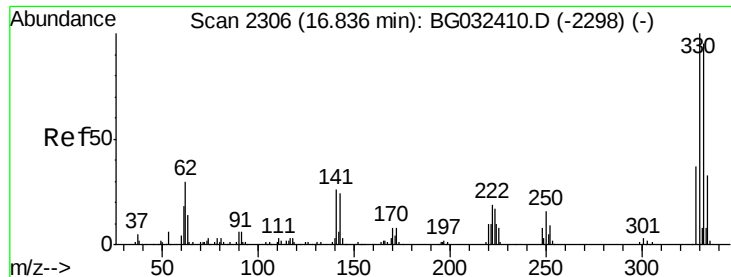


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 142.661 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

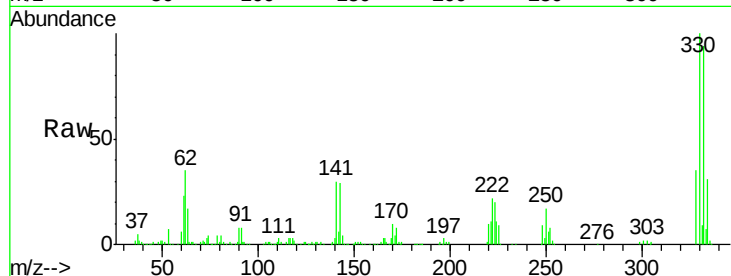
Tot Ion:330 Resp: 271493

Ion Ratio Lower Upper

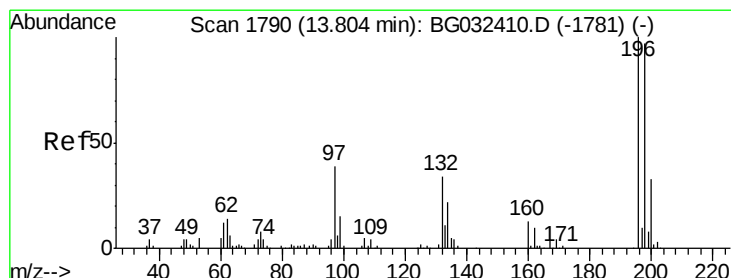
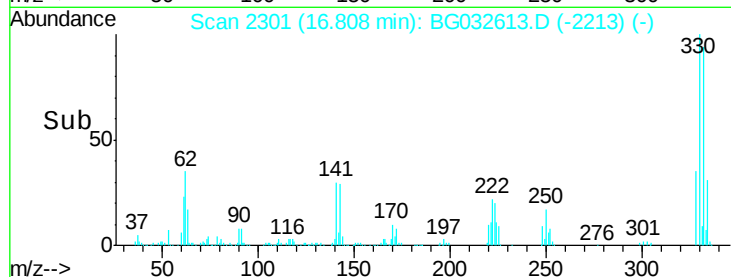
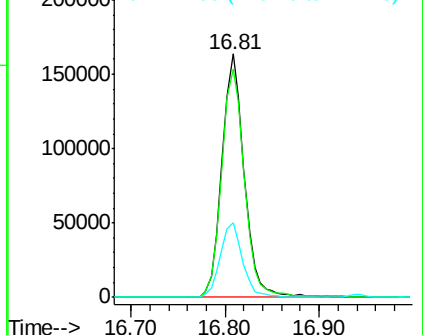
330 100

332 96.1 77.0 115.6

141 30.6 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 50.673 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

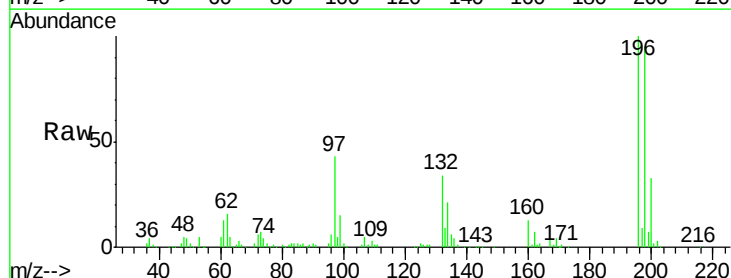
Tgt Ion:196 Resp: 128919

Ion Ratio Lower Upper

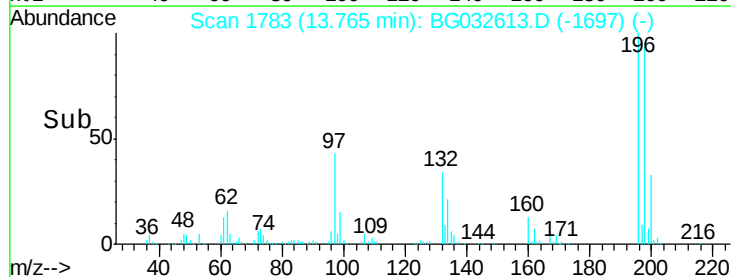
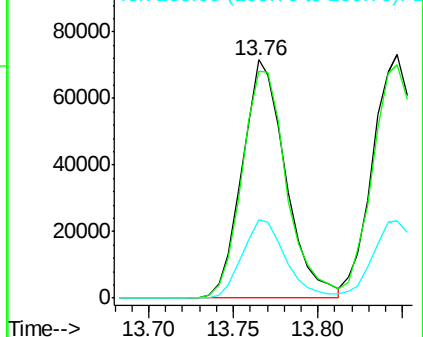
196 100

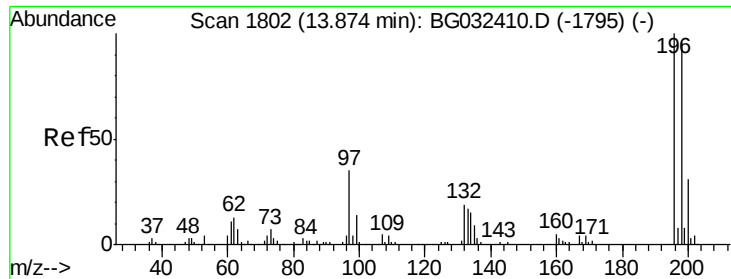
198 95.0 78.2 117.2

200 32.8 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

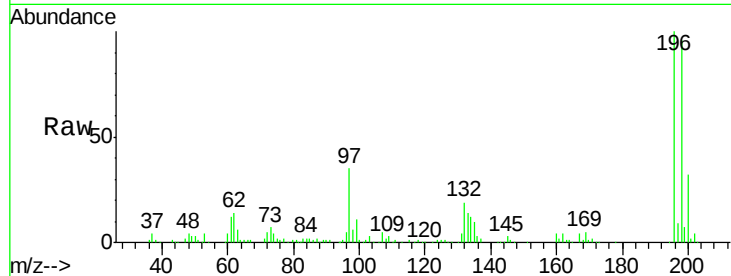




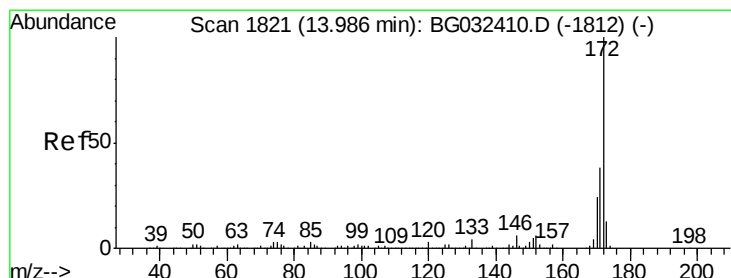
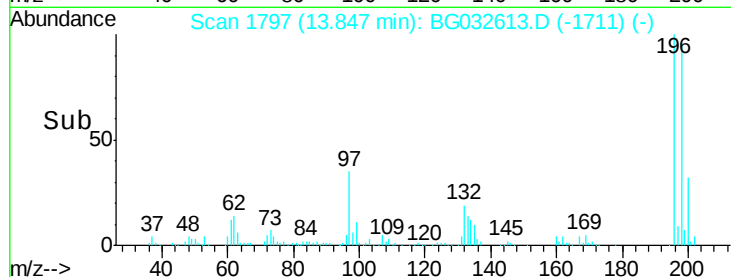
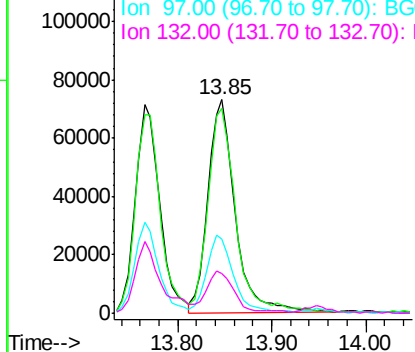
#43
 2,4,5-Trichlorophenol
 Concen: 49.935 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
97	35.0	38.7	58.1#
132	18.6	20.2	30.2#

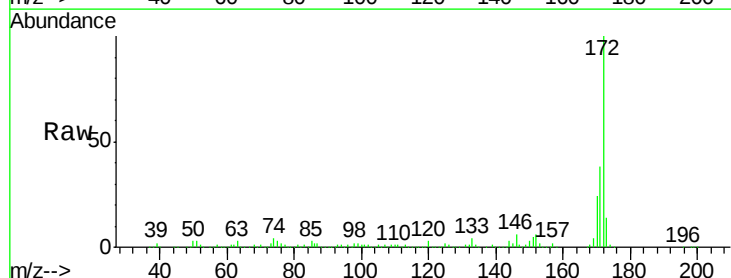


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

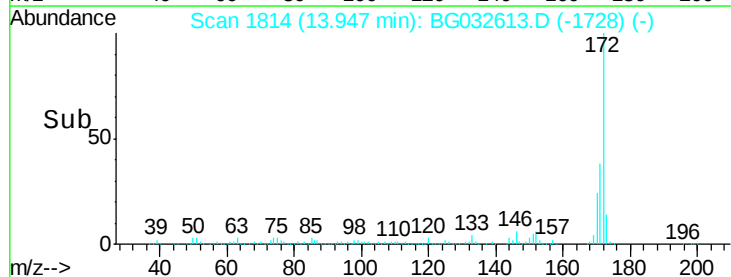
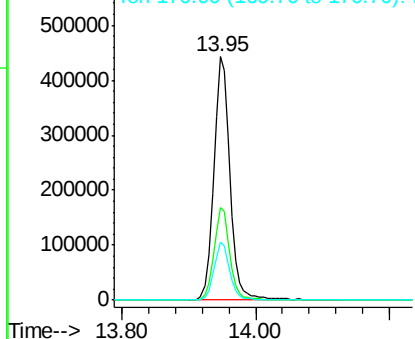


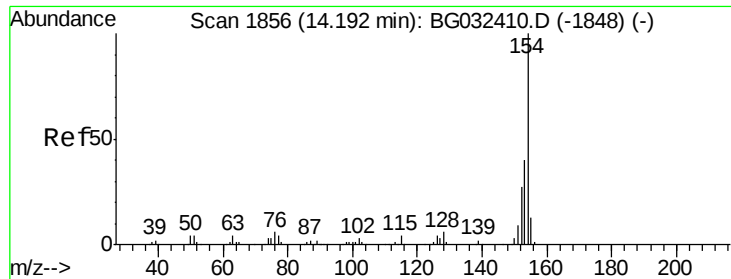
#44
 2-Fluorobiphenyl
 Concen: 89.856 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.9	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.696 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

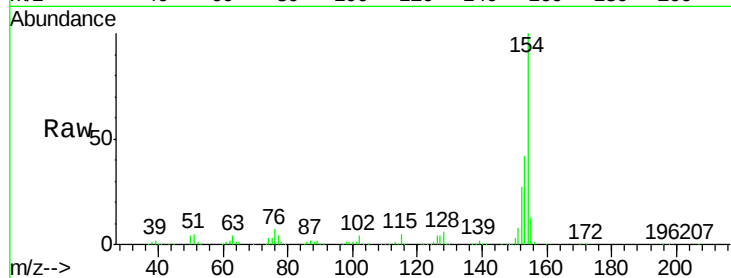
Tot Ion:154 Resp: 377528

Ion Ratio Lower Upper

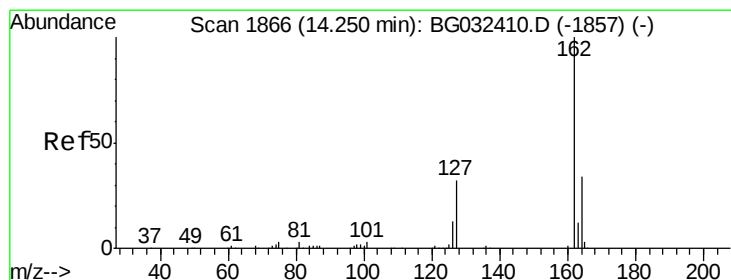
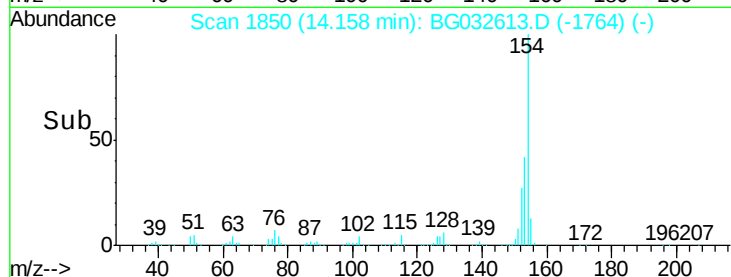
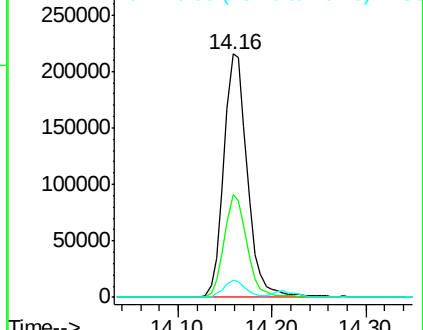
154 100

153 42.3 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): BGC



#46

2-Chloronaphthalene

Concen: 44.793 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

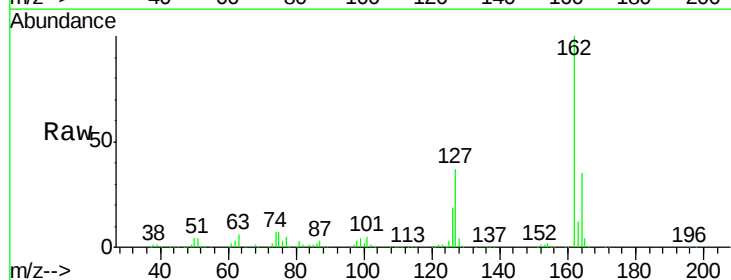
Tgt Ion:162 Resp: 296542

Ion Ratio Lower Upper

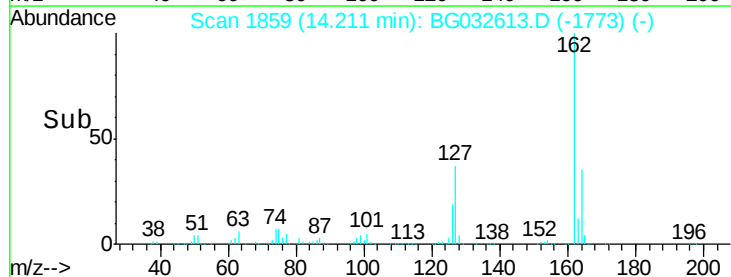
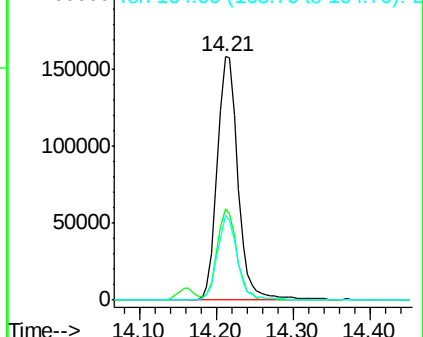
162 100

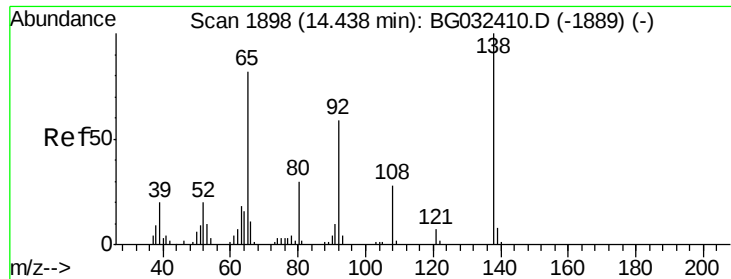
127 37.3 30.7 46.1

164 34.6 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: 52.429 ng

RT: 14.41 min Scan# 1892

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

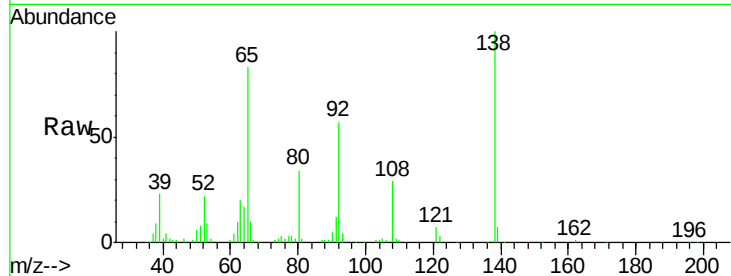
Tot Ion: 65 Resp: 76757

Ion Ratio Lower Upper

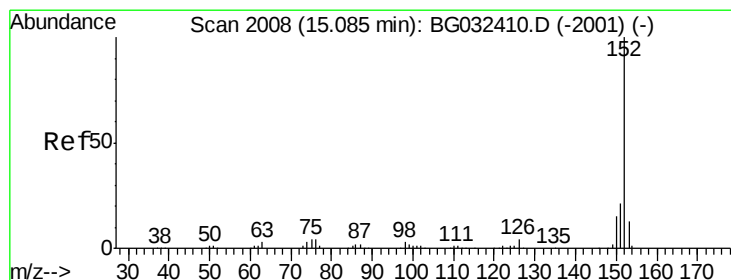
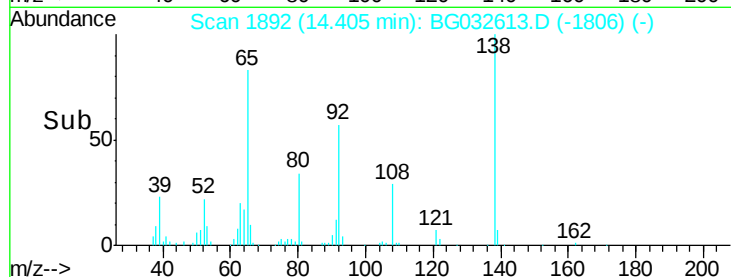
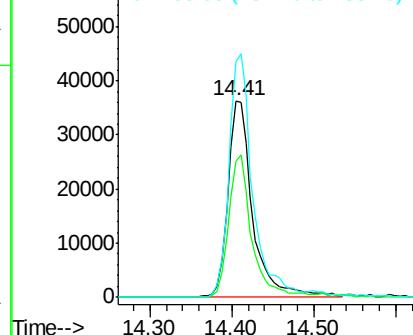
65 100

92 69.0 54.6 82.0

138 120.1 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: 45.078 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

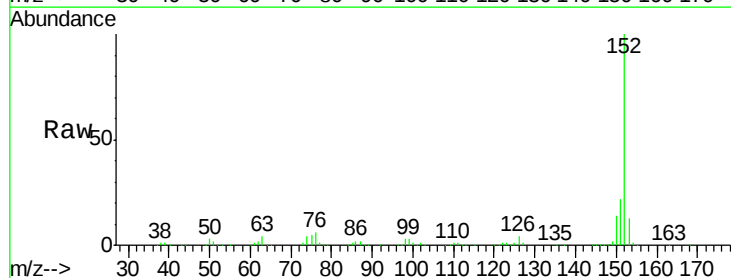
Tgt Ion: 152 Resp: 451150

Ion Ratio Lower Upper

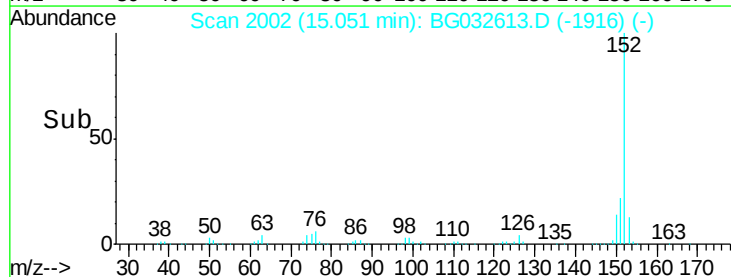
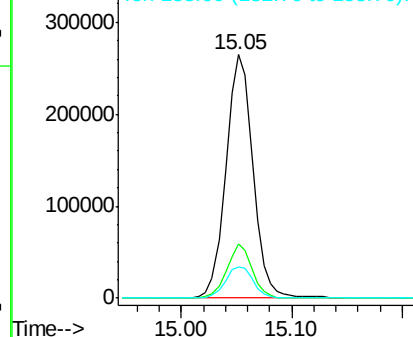
152 100

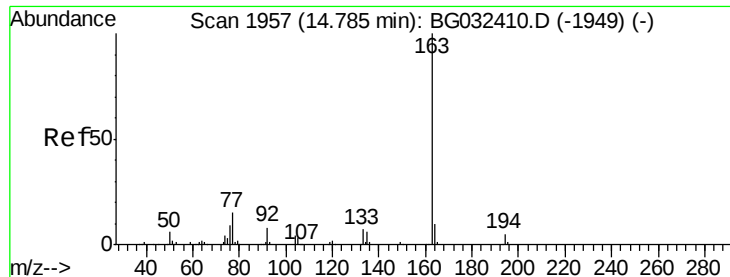
151 22.3 17.2 25.8

153 13.0 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: 45.715 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

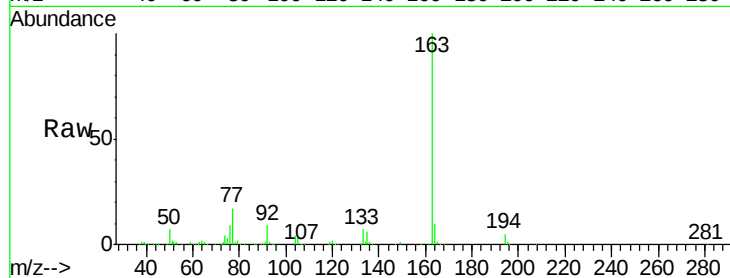
Tot Ion:163 Resp: 421412

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

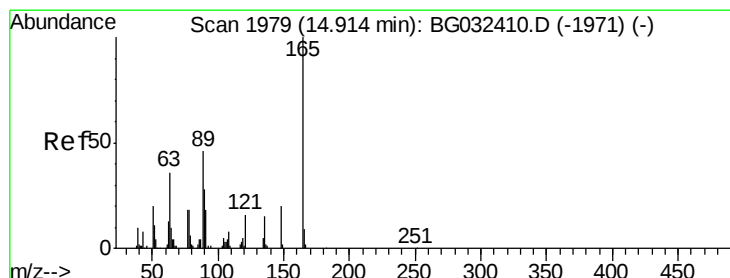
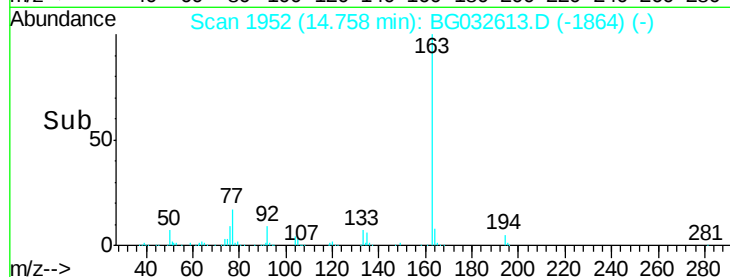
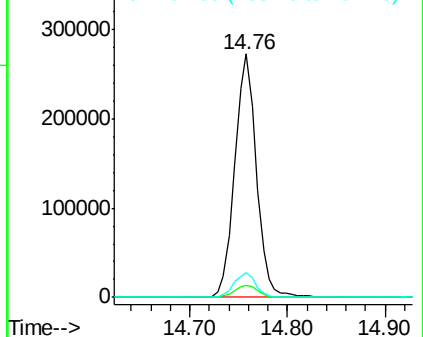
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.487 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

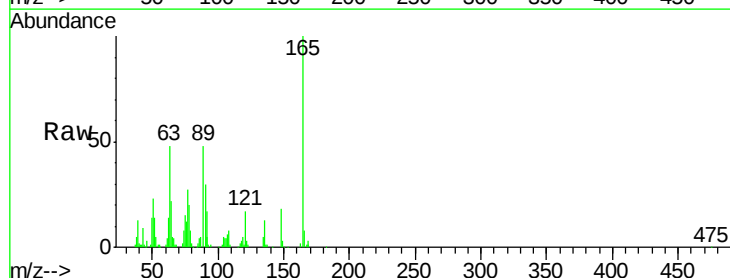
Tgt Ion:165 Resp: 93814

Ion Ratio Lower Upper

165 100

63 48.3 52.7 79.1#

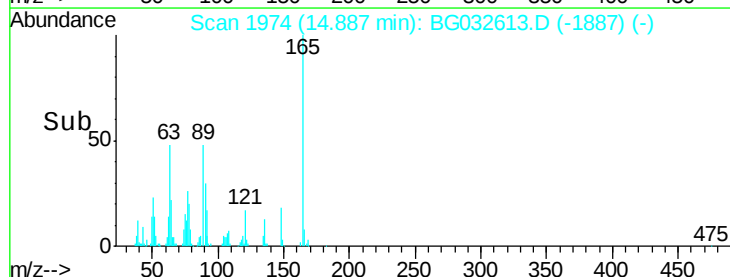
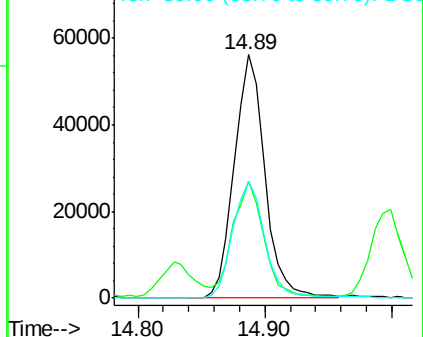
89 48.1 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 52.626 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

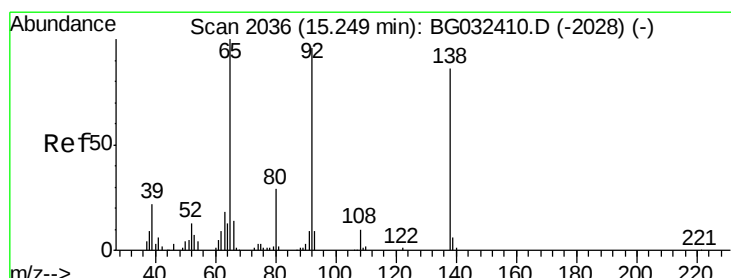
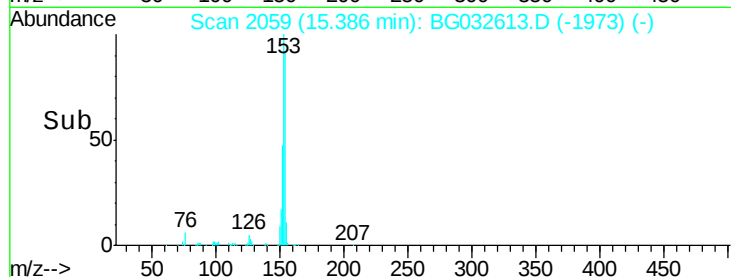
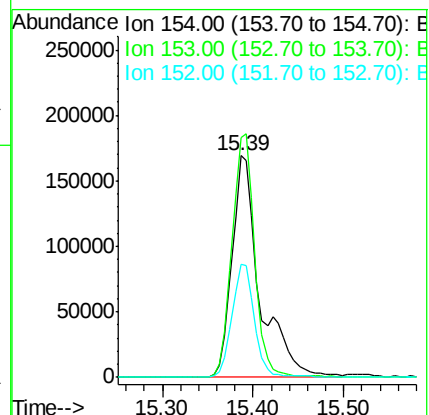
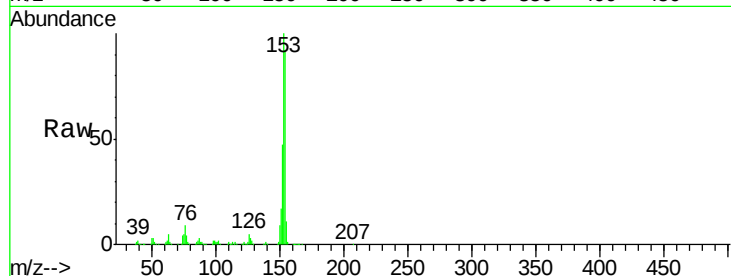
Tot Ion:154 Resp: 365276

Ion Ratio Lower Upper

154 100

153 108.2 90.4 135.6

152 51.1 41.6 62.4



#52

3-Nitroaniline

Concen: 11.000 ng

RT: 15.22 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

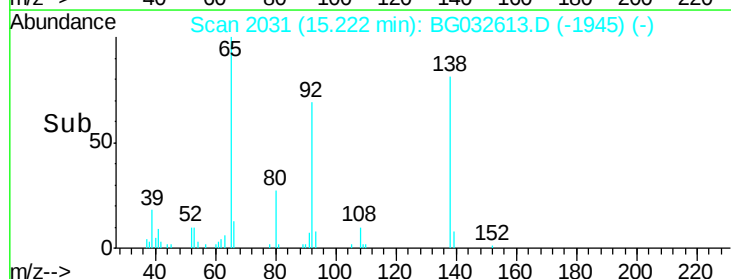
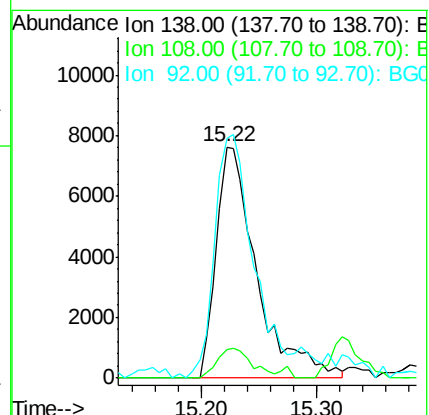
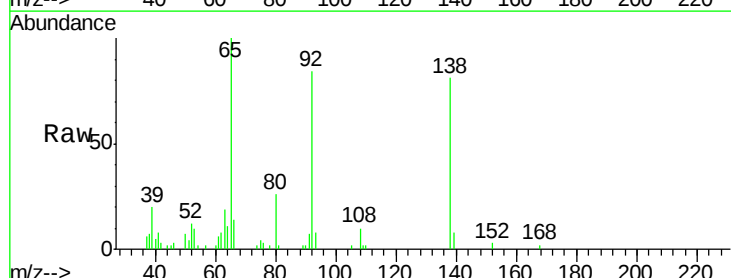
Tgt Ion:138 Resp: 18590

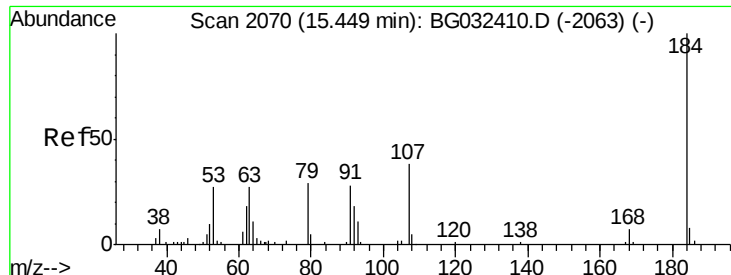
Ion Ratio Lower Upper

138 100

108 12.1 17.5 26.3#

92 104.1 105.8 158.8#

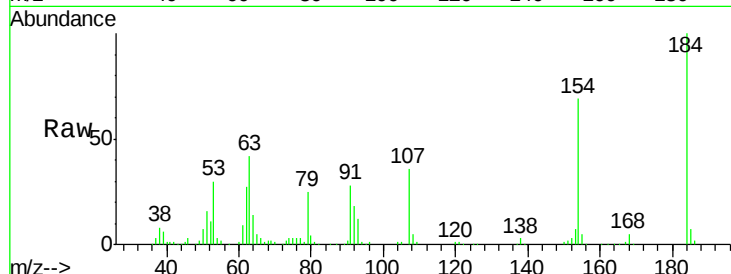




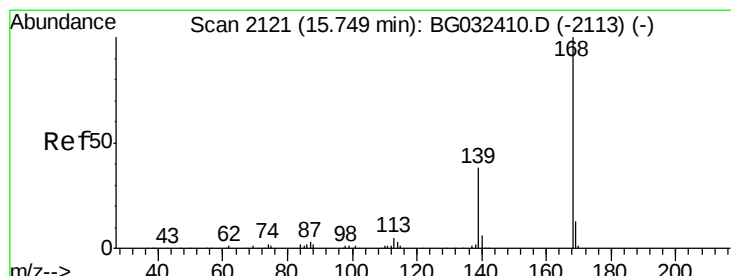
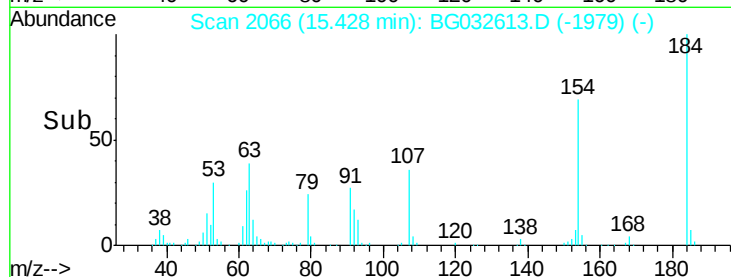
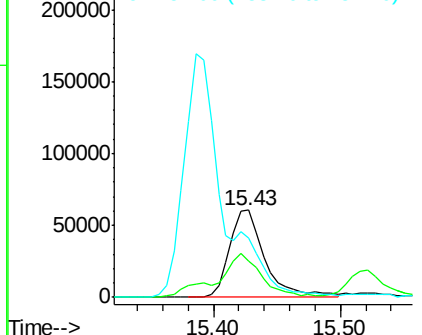
#53
 2,4-Dinitrophenol
 Concen: 95.766 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

Tot Ion:184 Resp: 116689
 Ion Ratio Lower Upper
 184 100
 63 42.4 59.8 89.8#
 154 68.6 101.8 152.8#

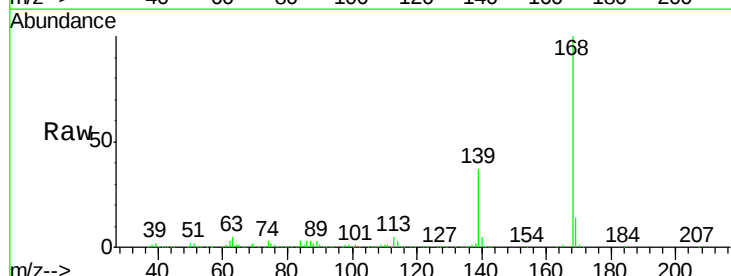


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

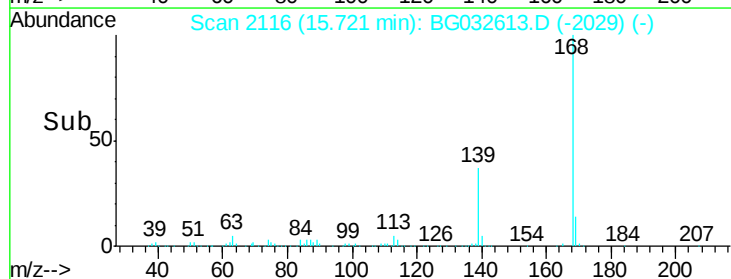
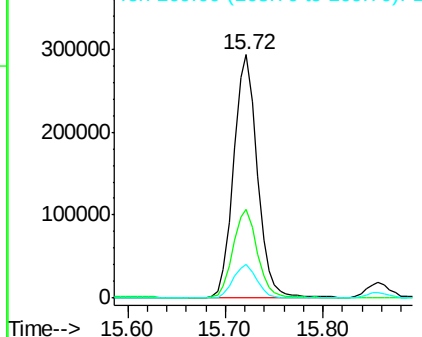


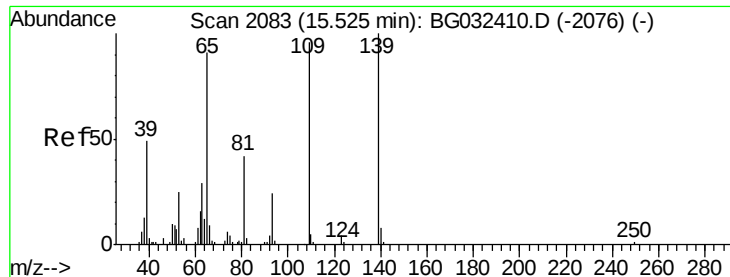
#54
 Dibenzofuran
 Concen: 48.454 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.02 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:168 Resp: 497783
 Ion Ratio Lower Upper
 168 100
 139 36.6 28.6 43.0
 169 13.7 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: 88.872 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

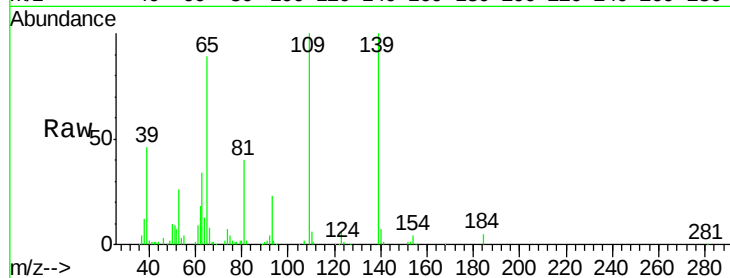
Tot Ion:139 Resp: 112442

Ion Ratio Lower Upper

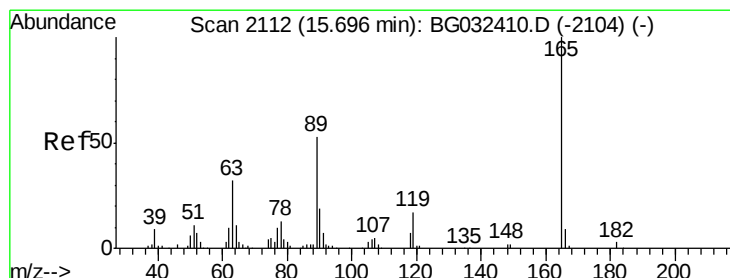
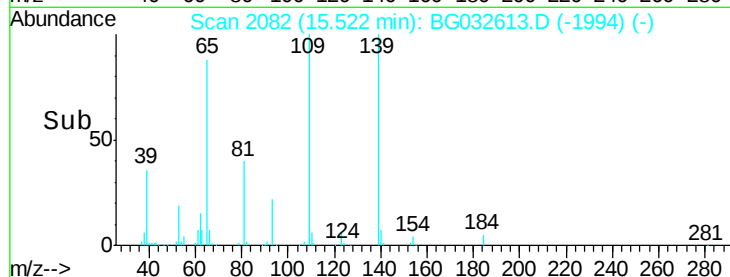
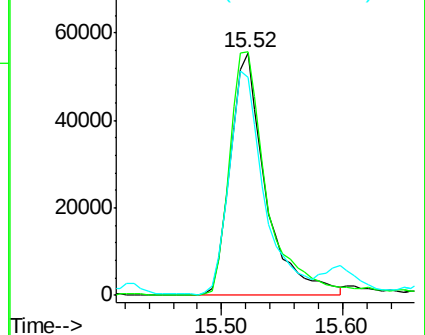
139 100

109 100.4 62.2 102.2

65 89.9 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 51.141 ng

RT: 15.67 min Scan# 2107

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Tgt Ion:165 Resp: 140884

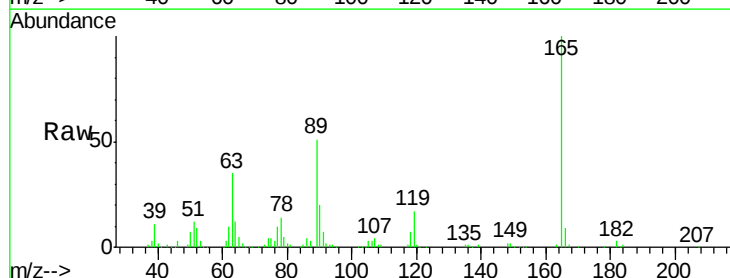
Ion Ratio Lower Upper

165 100

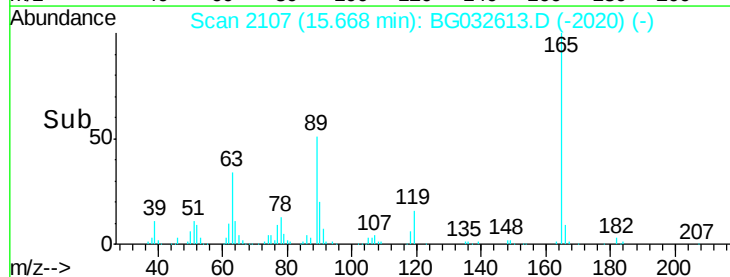
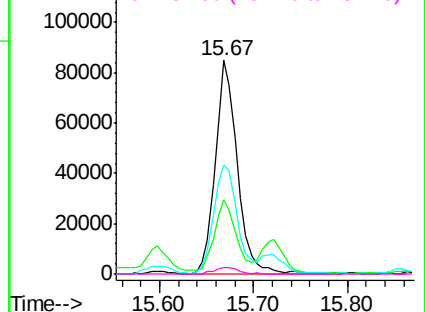
63 34.9 42.0 63.0#

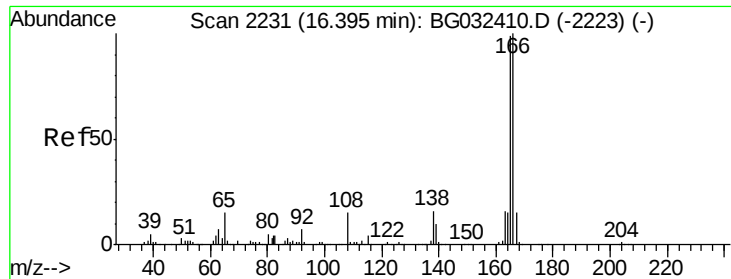
89 51.0 66.9 100.3#

182 3.3 2.6 3.8



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





#57

Fluorene

Concen: 47.667 ng

RT: 16.37 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

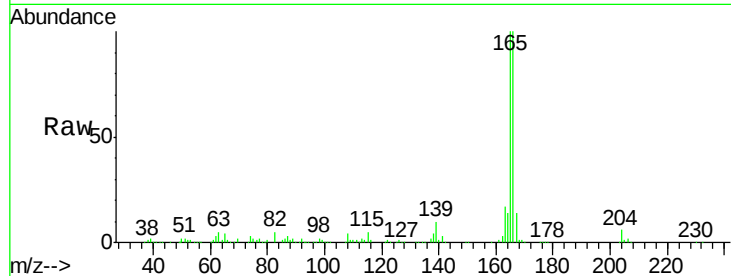
Tot Ion:166 Resp: 406926

Ion Ratio Lower Upper

166 100

165 100.3 80.6 121.0

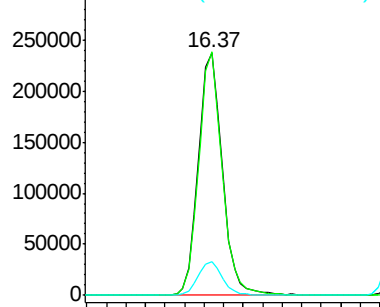
167 13.7 10.4 15.6



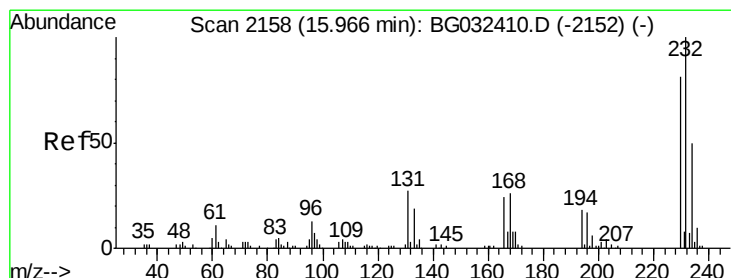
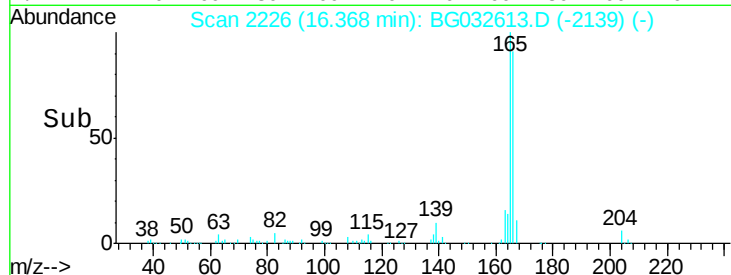
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.893 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Tgt Ion:232 Resp: 163492

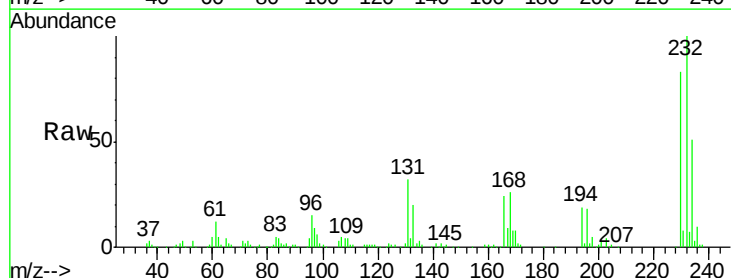
Ion Ratio Lower Upper

232 100

131 30.1 33.5 50.3#

130 1.7 2.2 3.2#

166 24.1 24.8 37.2#

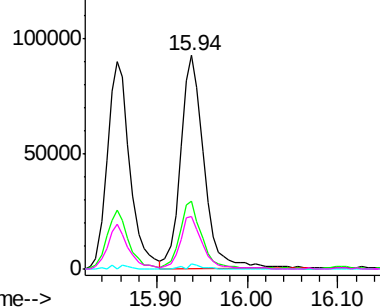


Abundance Ion 232.00 (231.70 to 232.70): E

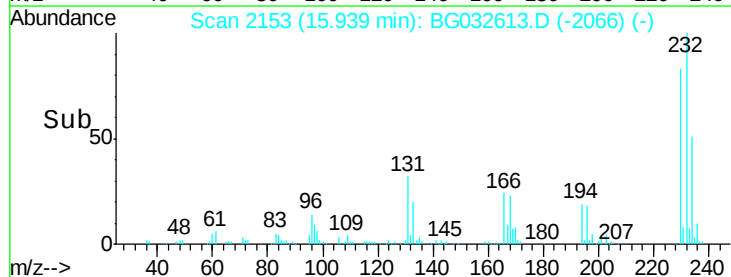
Ion 131.00 (130.70 to 131.70): E

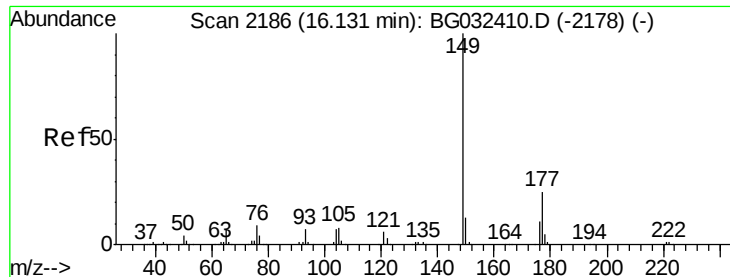
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

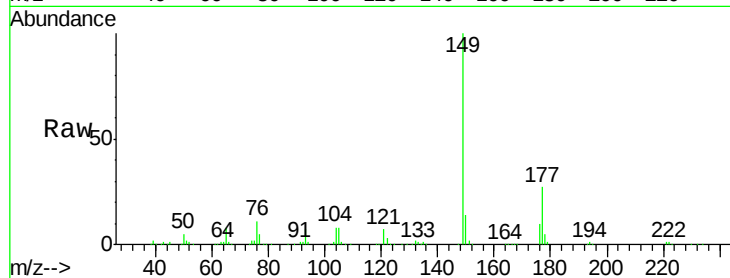




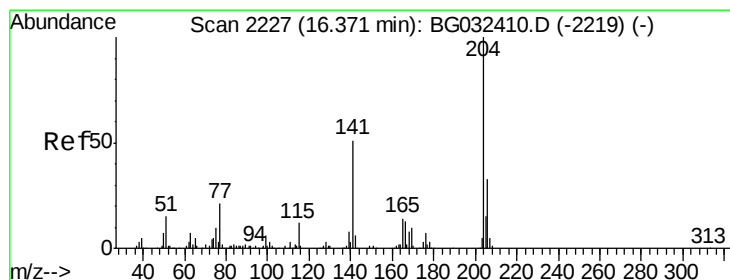
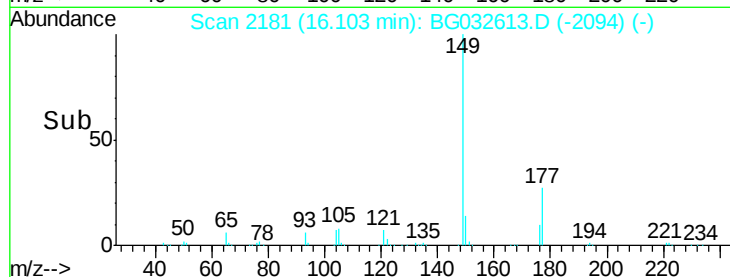
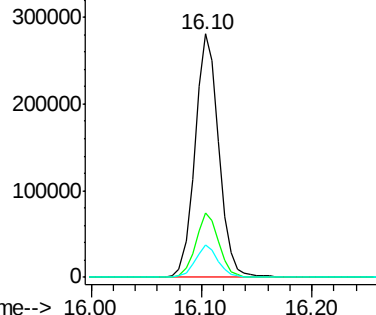
#59
Diethylphthalate
Concen: 47.206 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

Tot Ion:149 Resp: 423830
Ion Ratio Lower Upper
149 100
177 26.6 18.5 27.7
150 13.5 10.2 15.2

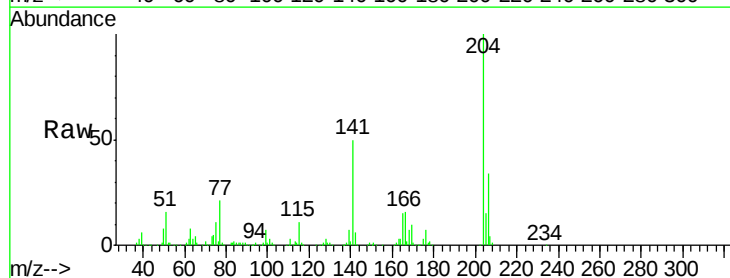


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

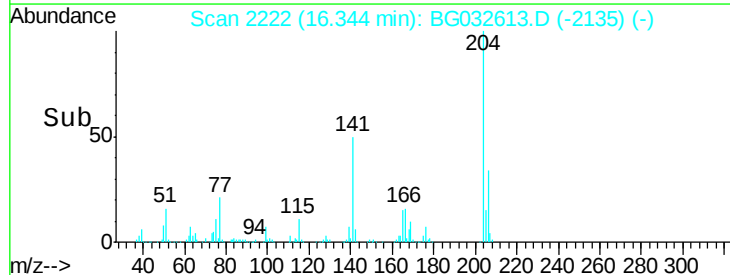
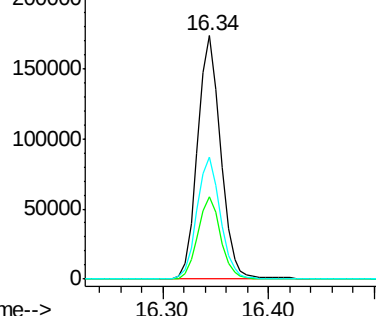


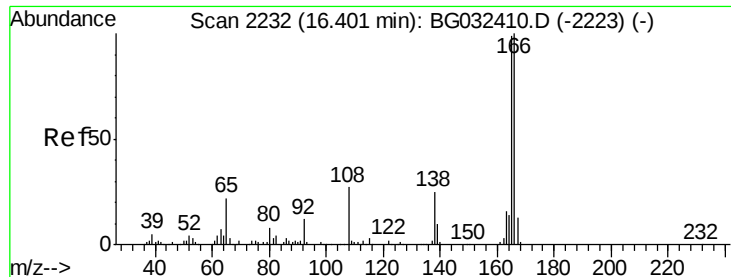
#60
4-Chlorophenyl-phenylether
Concen: 48.963 ng
RT: 16.34 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:204 Resp: 263577
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 50.2 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

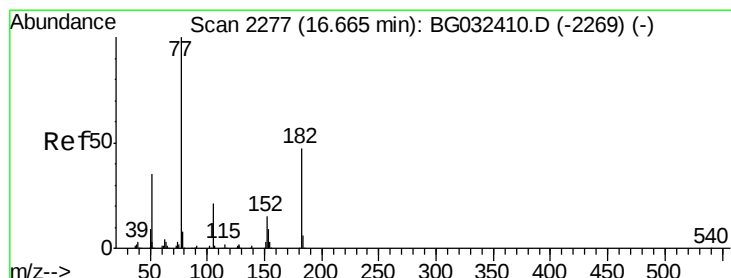
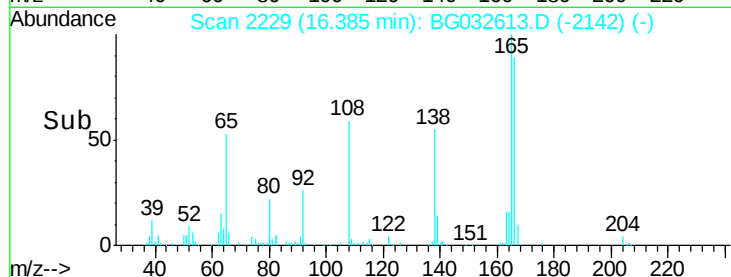
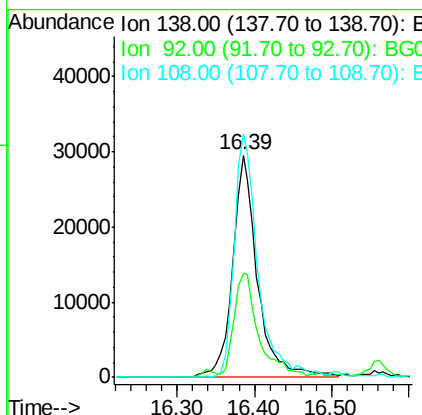
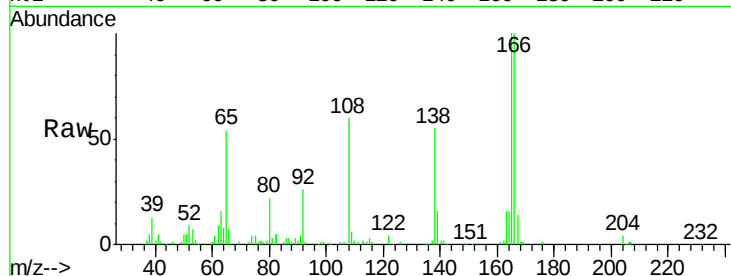




#61
4-Nitroaniline
Concen: 36.961 ng
RT: 16.39 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

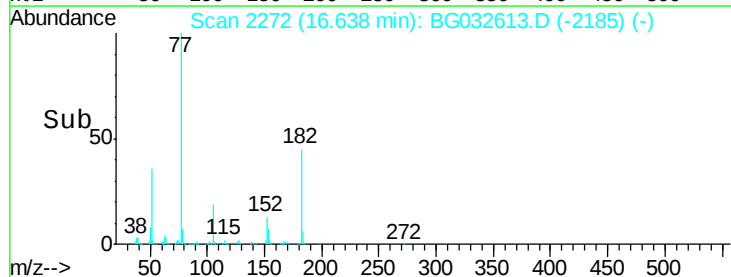
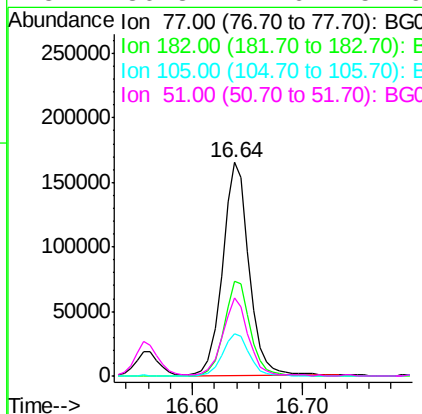
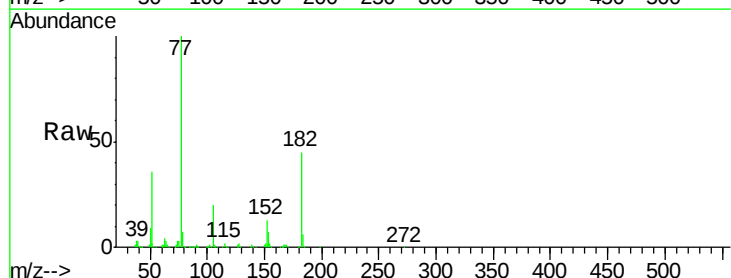
Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

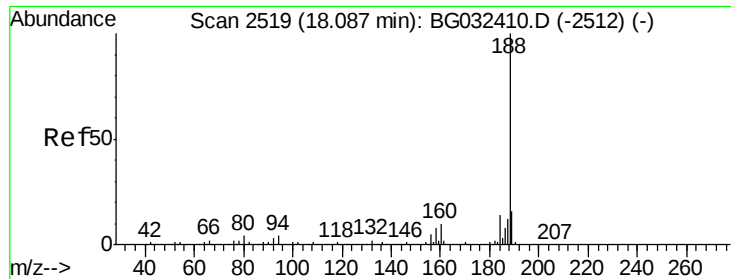
Tot Ion:138 Resp: 66949
Ion Ratio Lower Upper
138 100
92 46.6 40.1 80.1
108 109.5 65.4 105.4#



#62
Azobenzene
Concen: 51.172 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion: 77 Resp: 274557
Ion Ratio Lower Upper
77 100
182 44.6 7.4 47.4
105 20.0 0.3 40.3
51 36.3 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.07 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

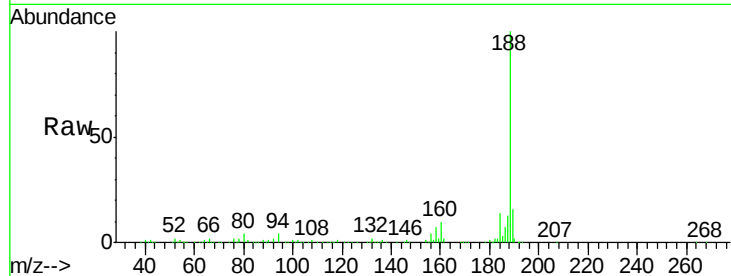
Tot Ion:188 Resp: 272753

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

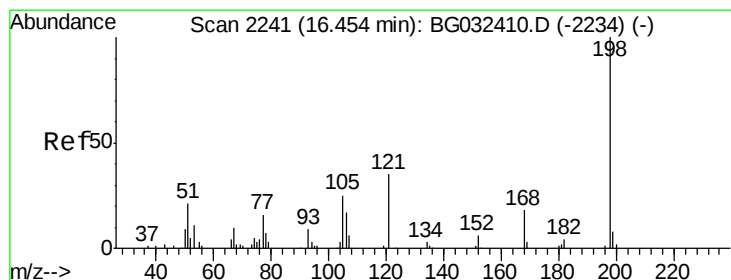
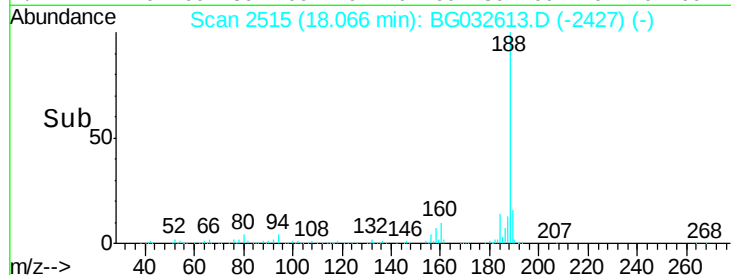
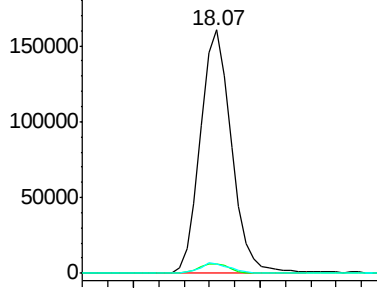
80 4.0 7.7 11.5#



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: 44.007 ng

RT: 16.43 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

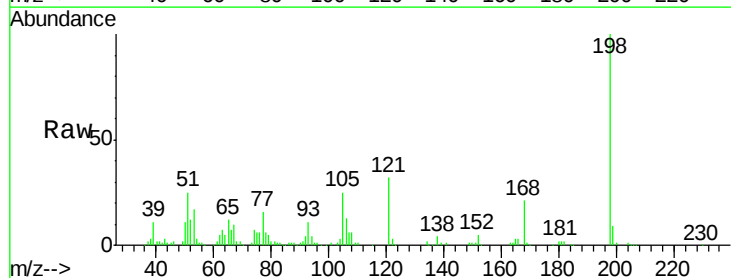
Tgt Ion:198 Resp: 89671

Ion Ratio Lower Upper

198 100

51 24.9 30.6 70.6#

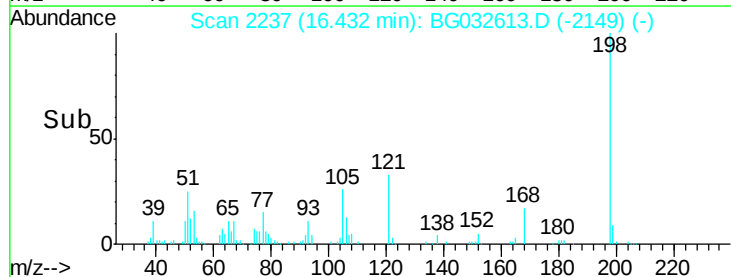
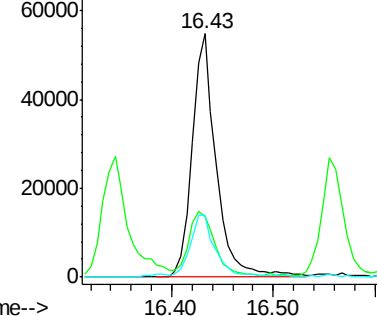
105 25.4 23.8 63.8

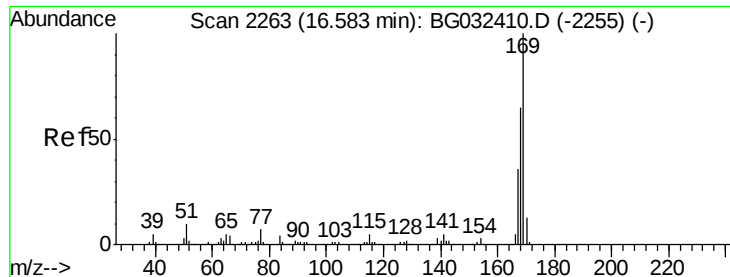


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.035 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

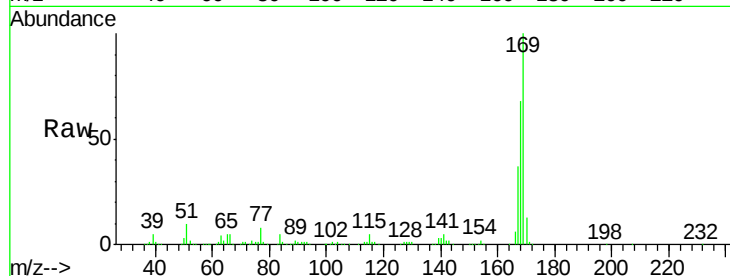
Tot Ion:169 Resp: 382855

Ion Ratio Lower Upper

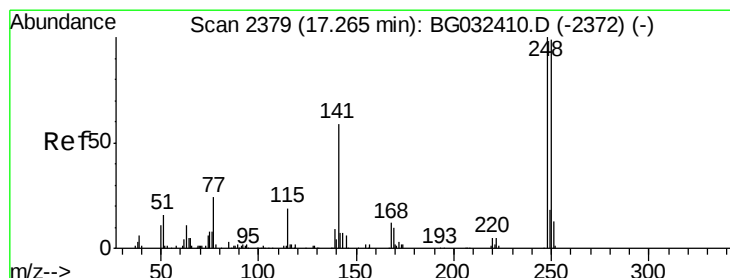
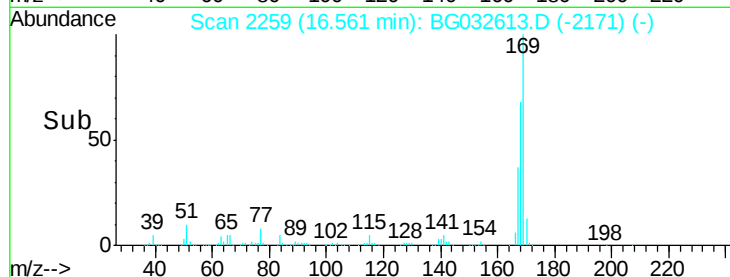
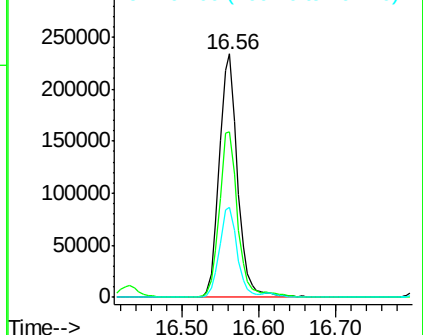
169 100

168 67.8 55.7 83.5

167 37.1 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.223 ng

RT: 17.24 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

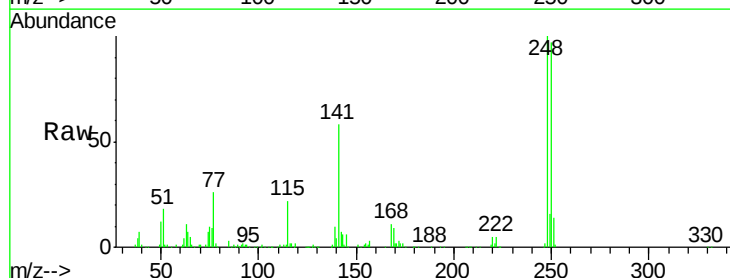
Tgt Ion:248 Resp: 190819

Ion Ratio Lower Upper

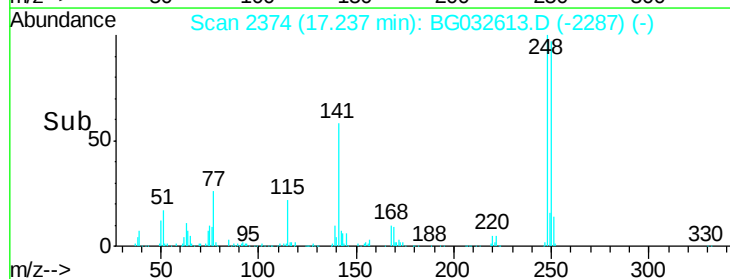
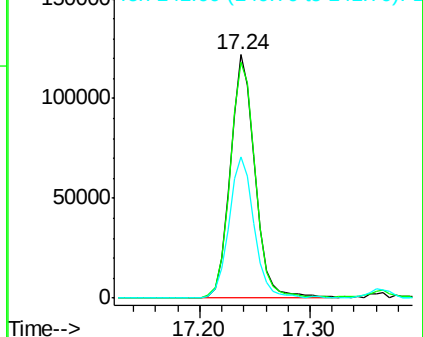
248 100

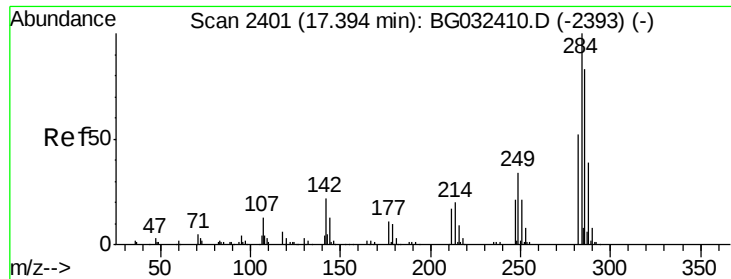
250 97.1 77.1 115.7

141 58.0 50.8 76.2



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





#67

Hexachlorobenzene

Concen: 43.378 ng

RT: 17.37 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

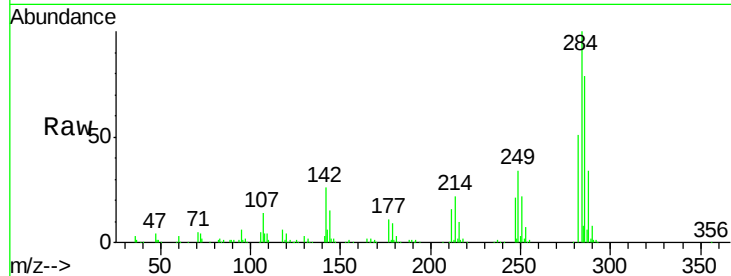
Tot Ion:284 Resp: 193975

Ion Ratio Lower Upper

284 100

142 26.3 26.8 40.2#

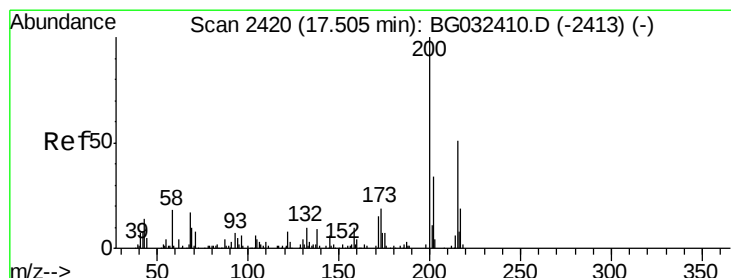
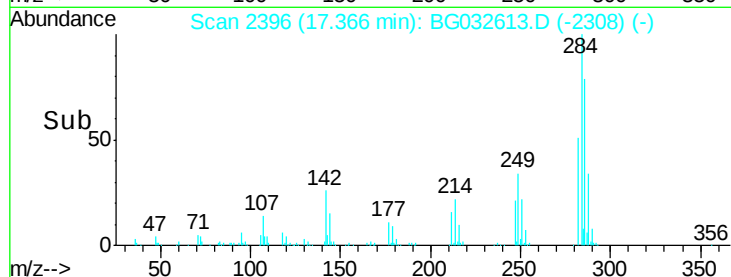
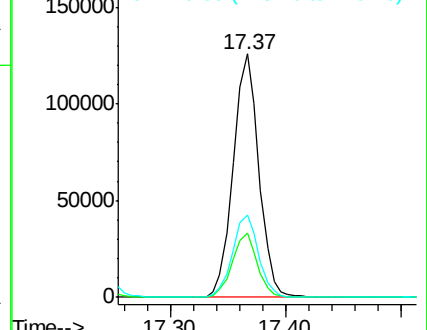
249 33.7 26.3 39.5



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: 49.748 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

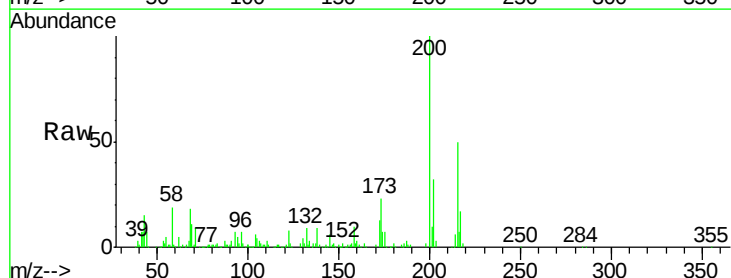
Tgt Ion:200 Resp: 173833

Ion Ratio Lower Upper

200 100

173 22.5 5.2 45.2

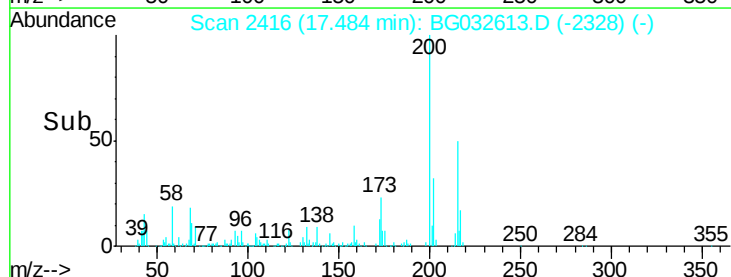
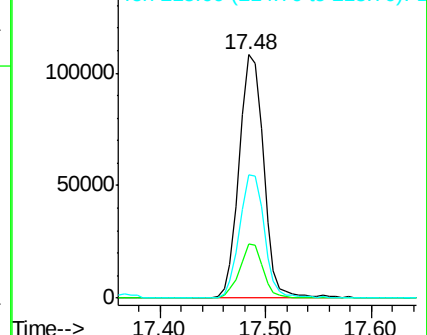
215 50.5 30.4 70.4

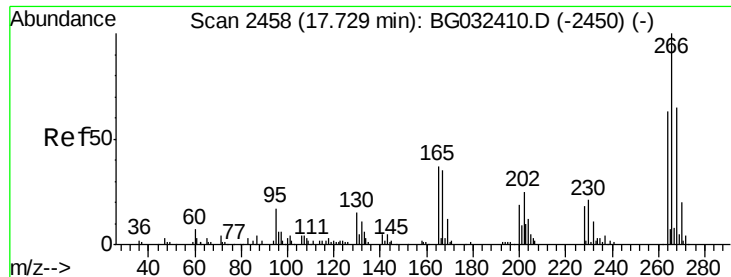


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

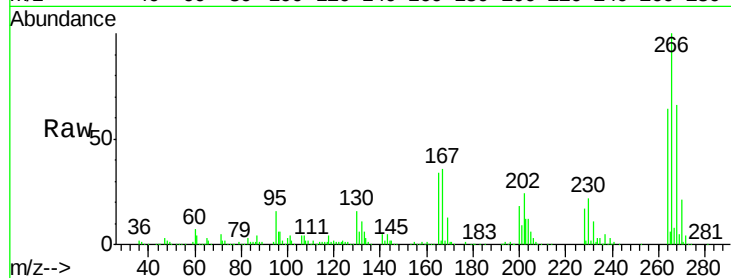




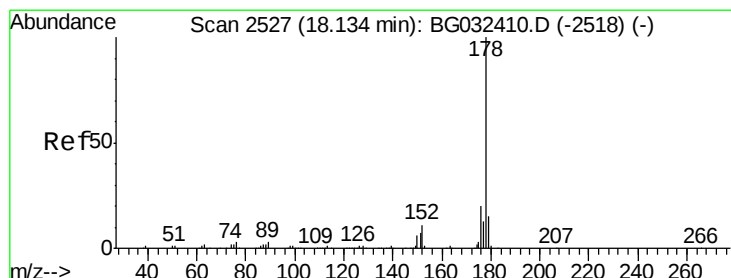
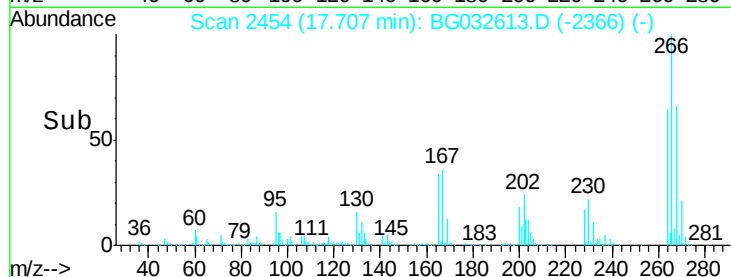
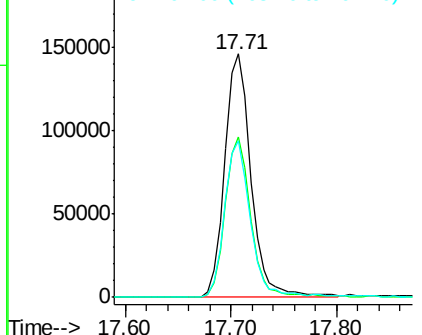
#69
 Pentachlorophenol
 Concen: 89.994 ng
 RT: 17.71 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	64.1	49.6	74.4

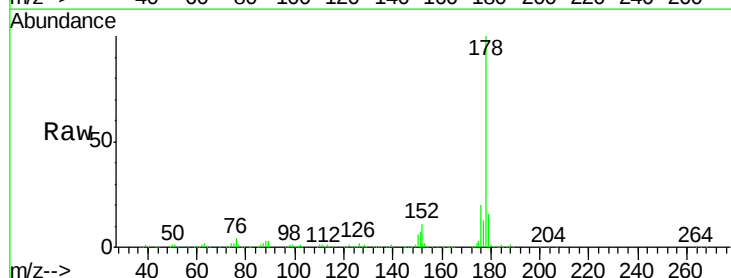


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

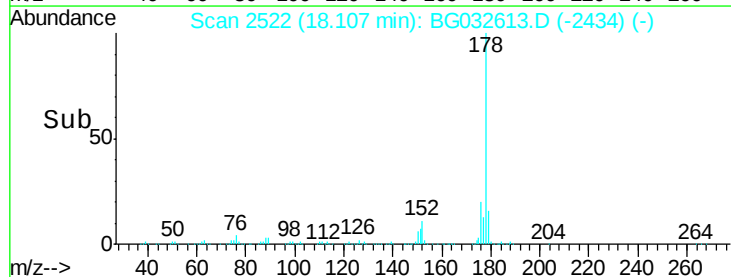
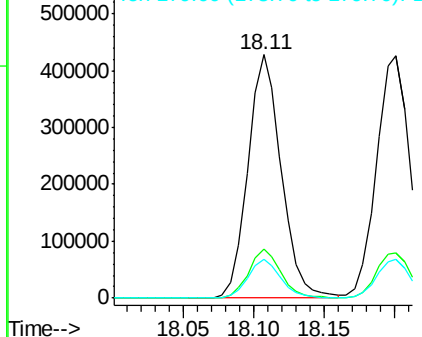


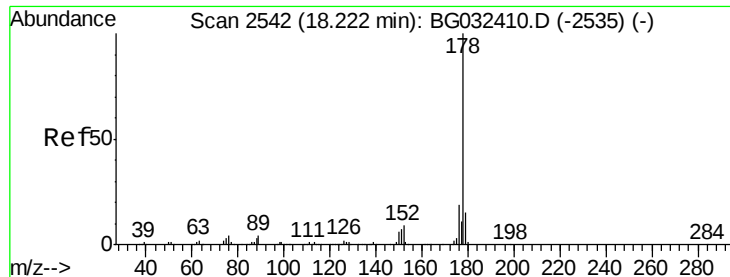
#70
 Phenanthrene
 Concen: 46.609 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.0	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

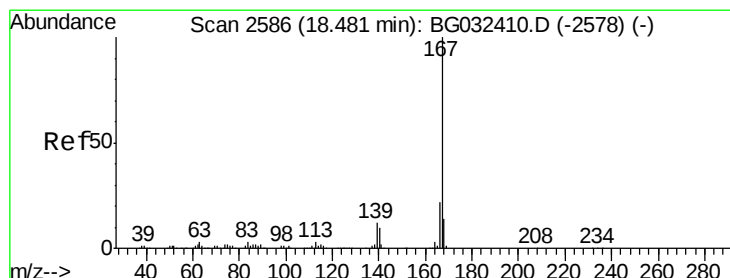
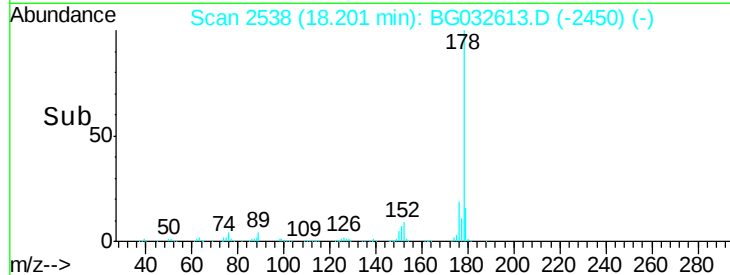
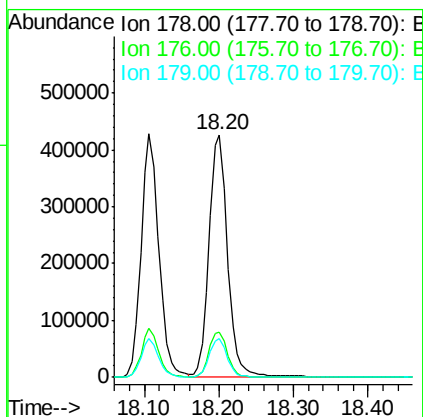
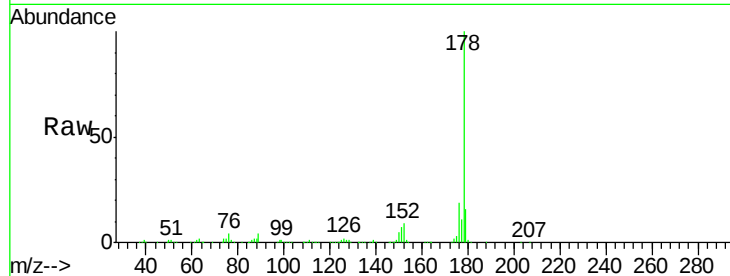




#71
 Anthracene
 Concen: 48.497 ng
 RT: 18.20 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

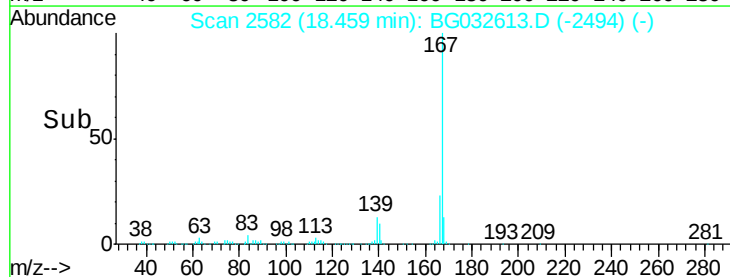
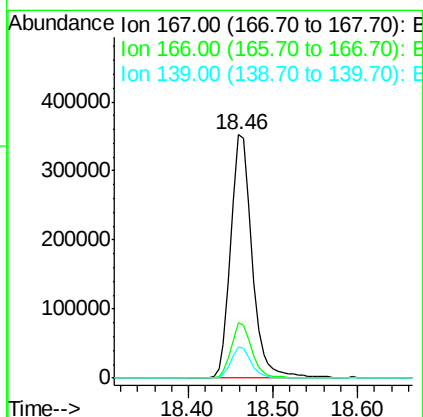
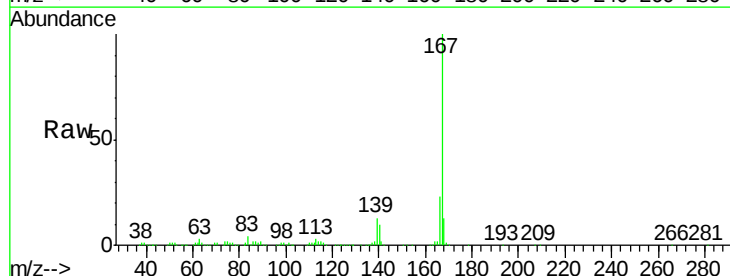
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

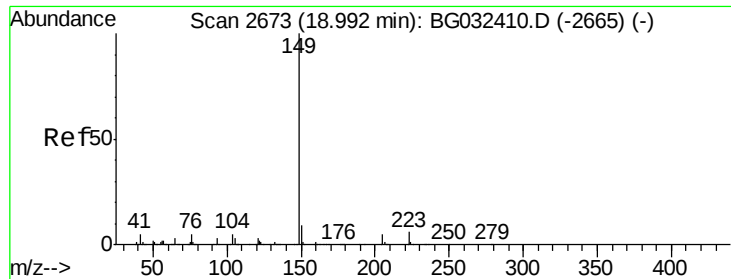
Tot Ion:178 Resp: 734500
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 45.711 ng
 RT: 18.46 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:167 Resp: 611691
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.550 ng

RT: 18.97 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

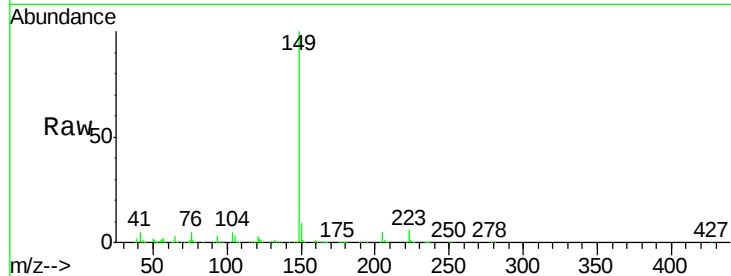
Tot Ion:149 Resp: 689676

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

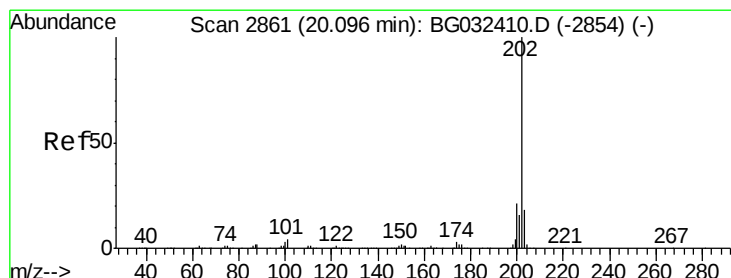
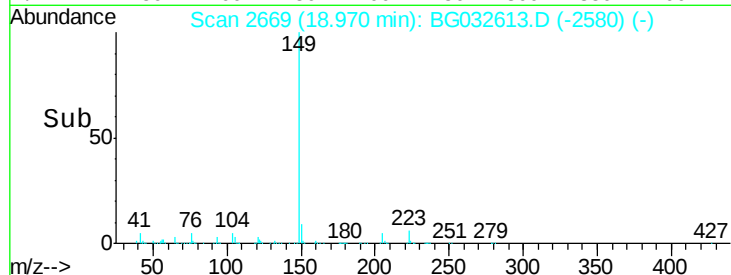
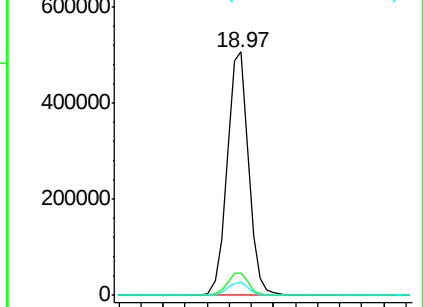
104 5.4 3.9 5.9



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: 47.179 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

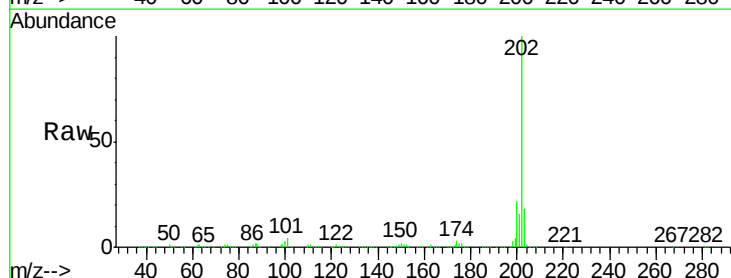
Tgt Ion:202 Resp: 941113

Ion Ratio Lower Upper

202 100

101 4.4 0.0 28.9

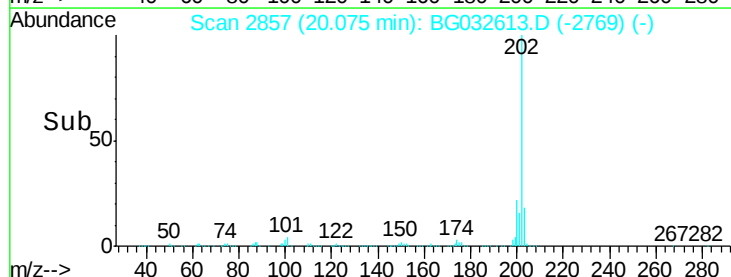
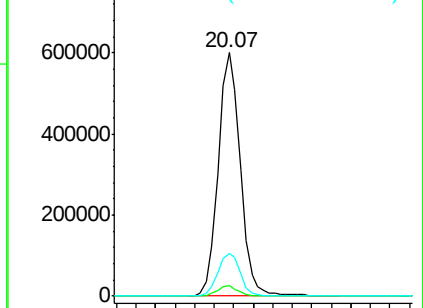
203 17.7 0.0 37.5

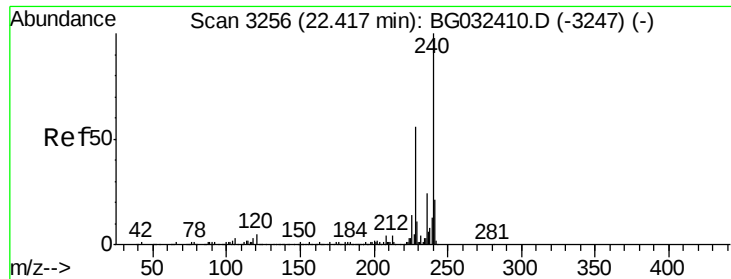


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

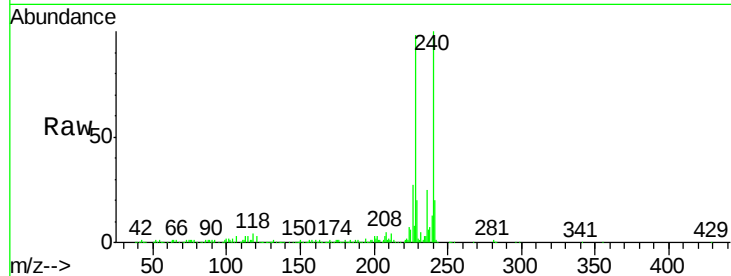
Tot Ion:240 Resp: 335372

Ion Ratio Lower Upper

240 100

120 3.3 6.8 10.2#

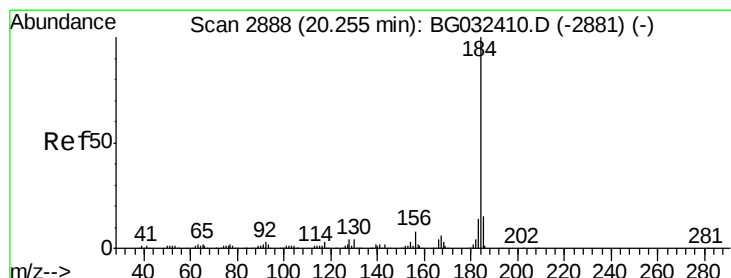
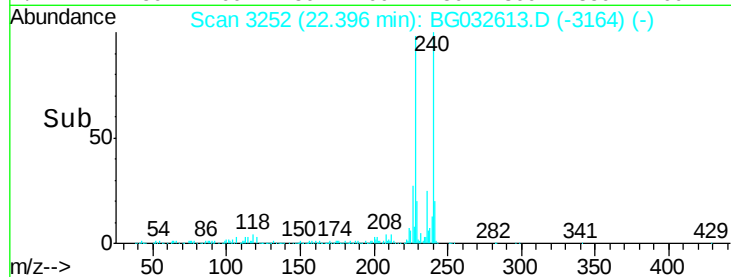
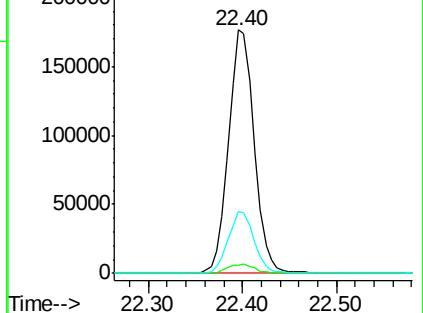
236 25.4 20.9 31.3



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: 9.662 ng

RT: 20.25 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

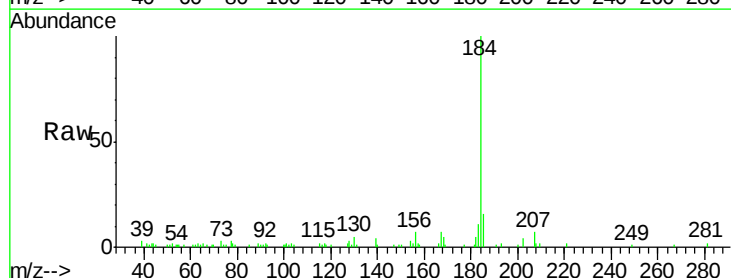
Tgt Ion:184 Resp: 63625

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

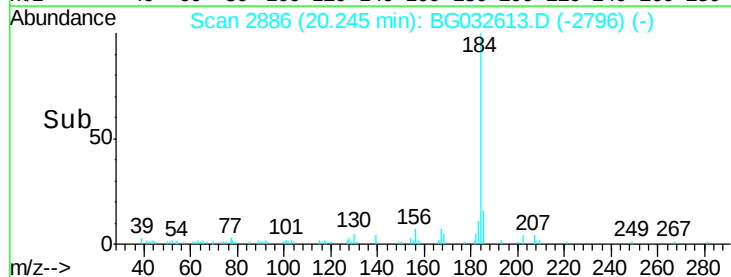
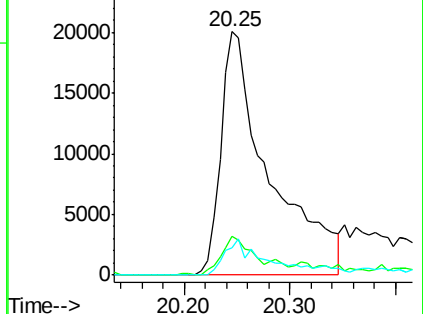
183 11.3 10.6 16.0

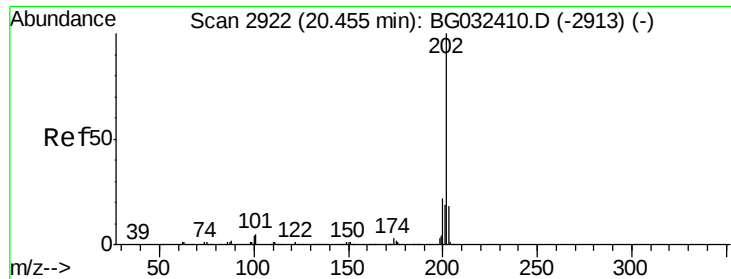


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.020 ng

RT: 20.43 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

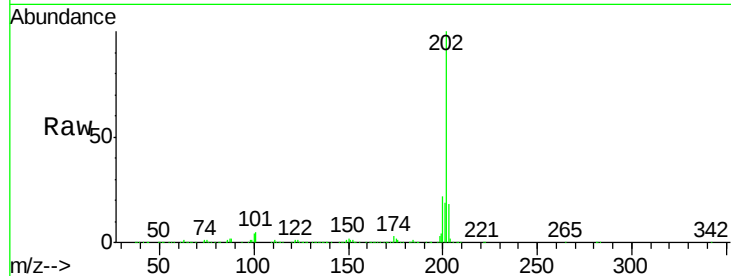
Tot Ion:202 Resp: 946625

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

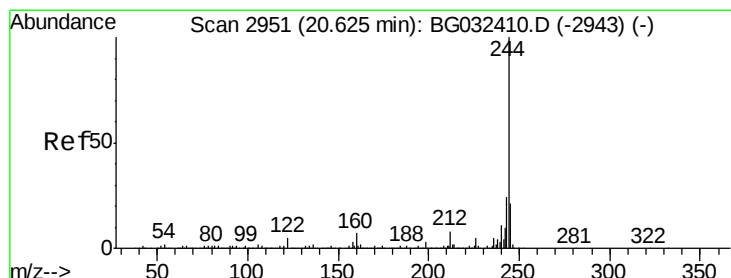
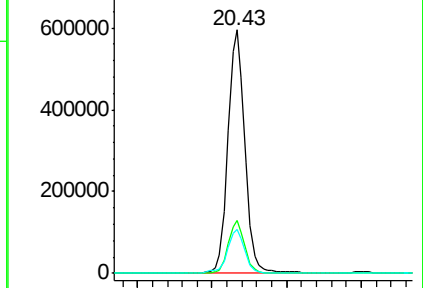
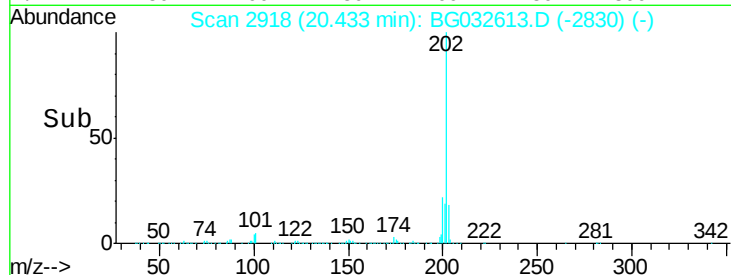
203 18.0 13.9 20.9



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



#78

Terphenyl-d14

Concen: 98.371 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

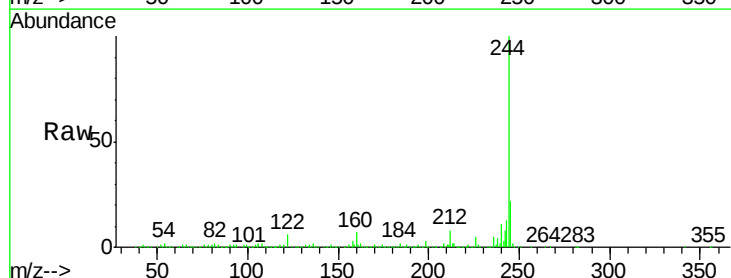
Tgt Ion:244 Resp: 1540134

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

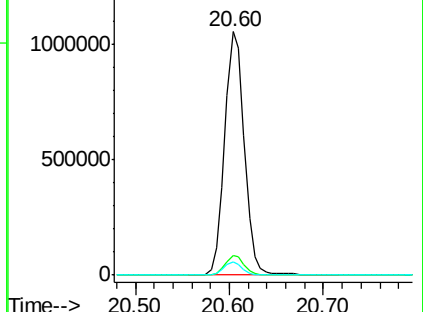
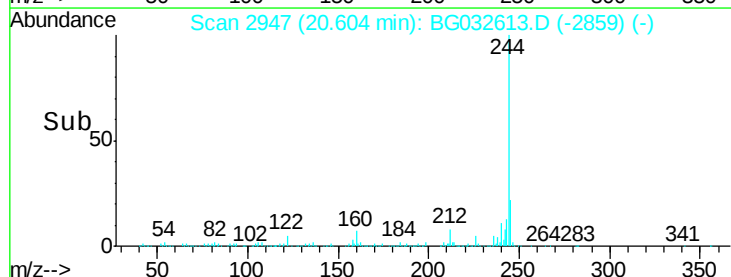
122 5.5 7.0 10.4#

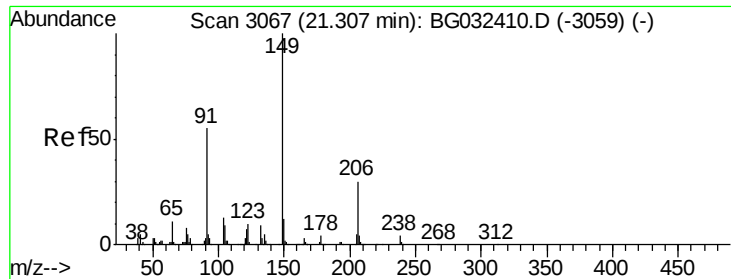


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

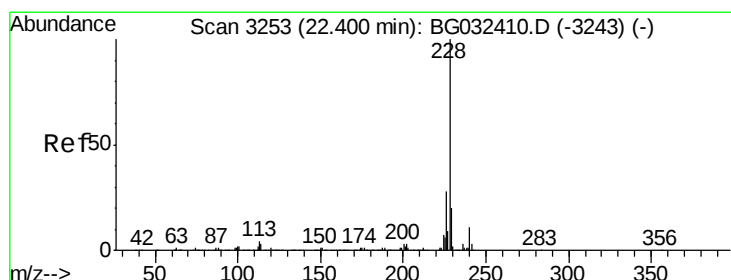
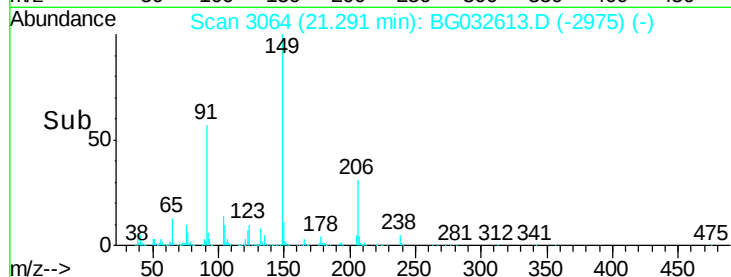
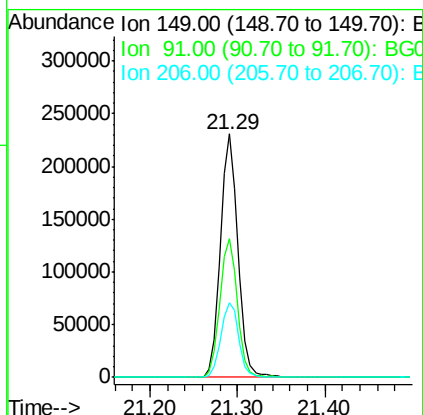
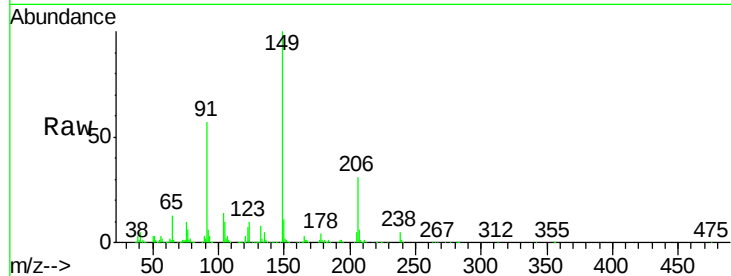




#79
Butylbenzylphthalate
Concen: 49.557 ng
RT: 21.29 min Scan# 3064
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

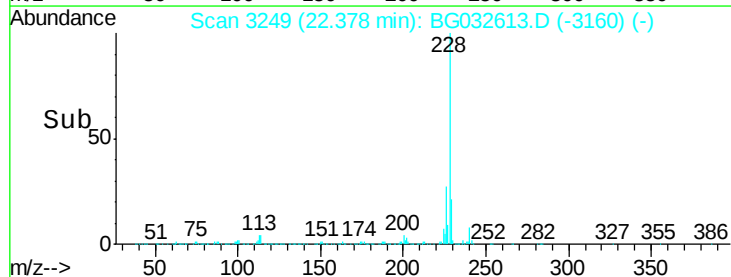
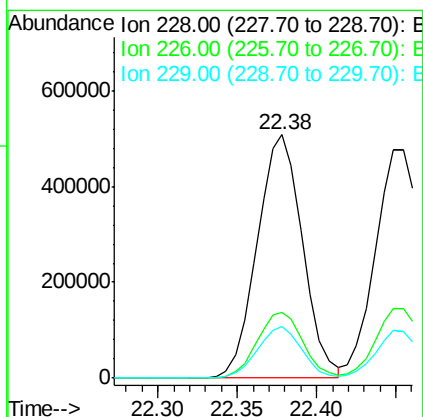
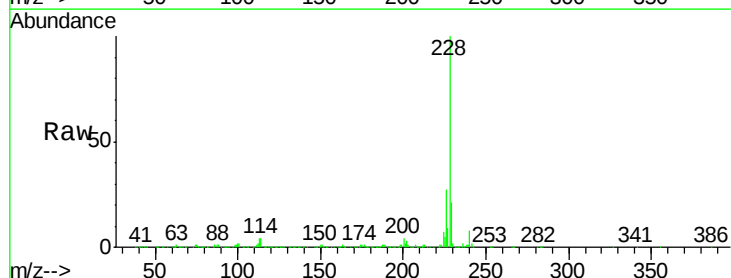
Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

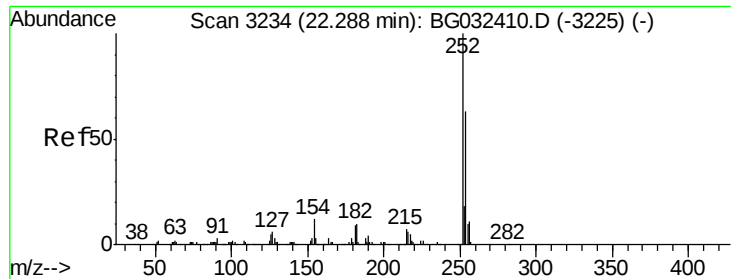
Tot Ion:149 Resp: 321532
Ion Ratio Lower Upper
149 100
91 57.2 62.2 93.2#
206 30.5 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 48.339 ng
RT: 22.38 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:228 Resp: 1005021
Ion Ratio Lower Upper
228 100
226 27.2 22.7 34.1
229 21.2 16.2 24.2

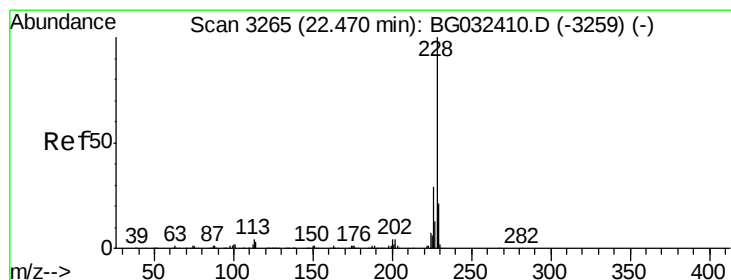
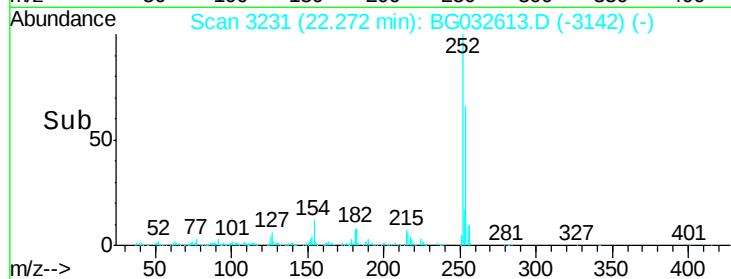
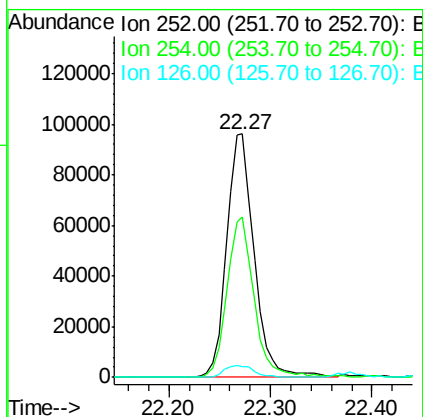
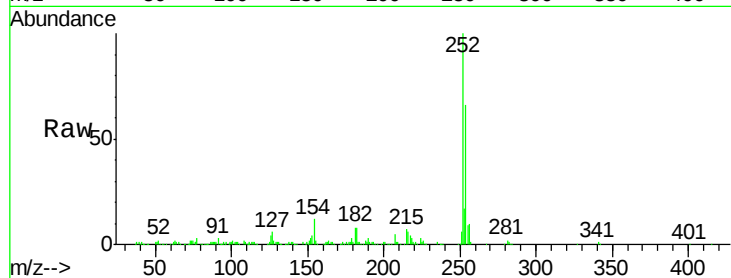




#81
 3,3'-Dichlorobenzidine
 Concen: 22.438 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

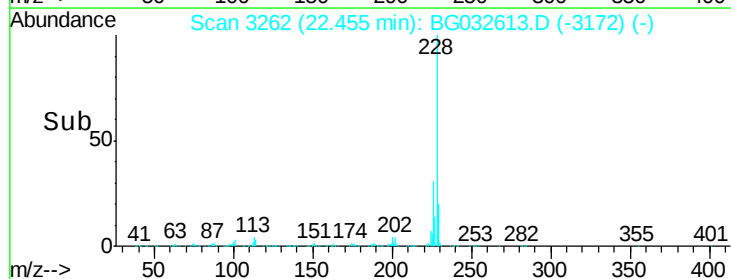
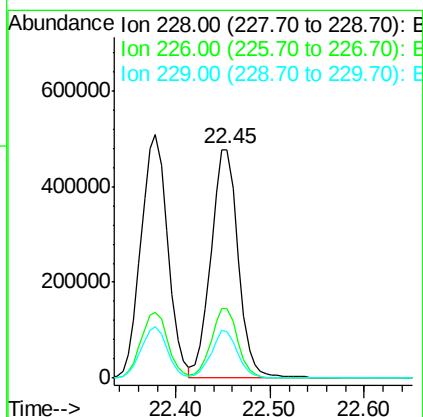
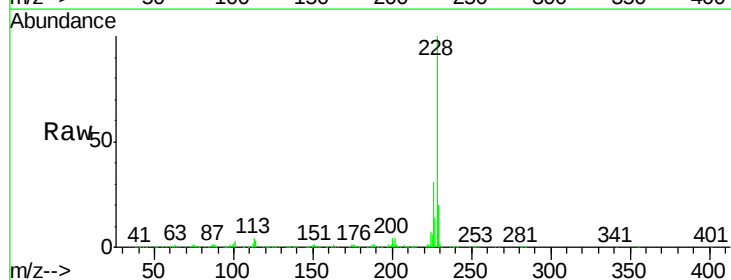
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

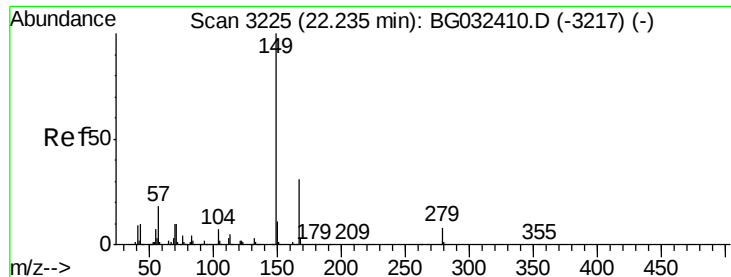
Tot Ion:252 Resp: 180751
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.8 76.2
 126 4.3 7.4 11.2#



#82
 Chrysene
 Concen: 48.183 ng
 RT: 22.45 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:228 Resp: 967456
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.3 15.0 22.4

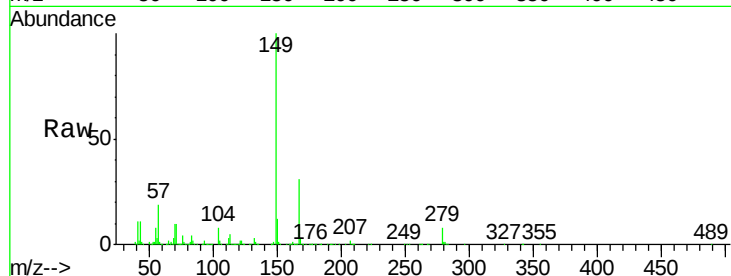




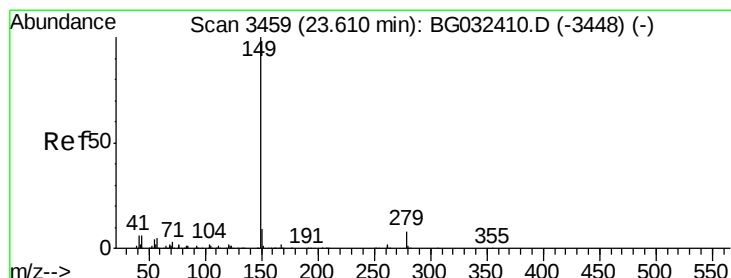
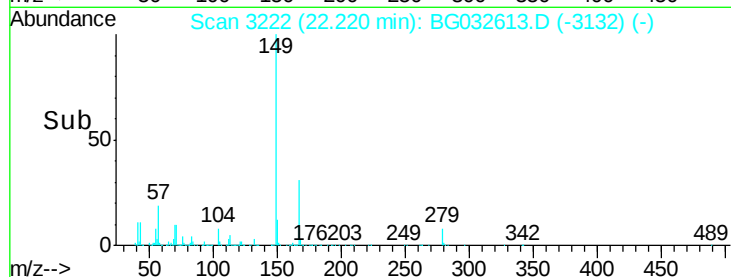
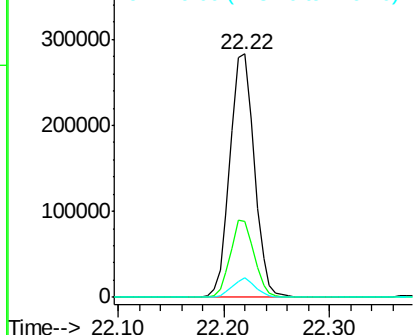
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.995 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. 0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

Tot Ion:149 Resp: 450733
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.3 36.5
 279 7.8 4.0 6.0#

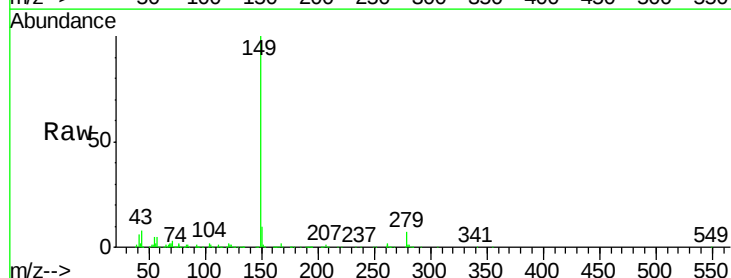


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

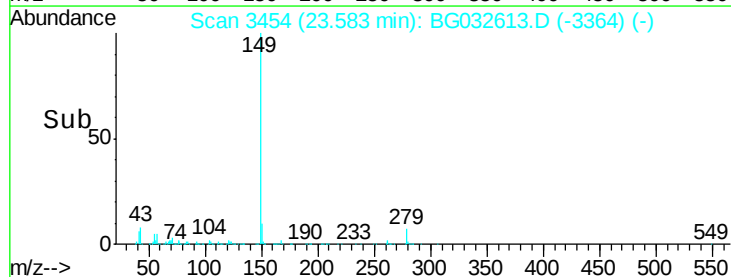
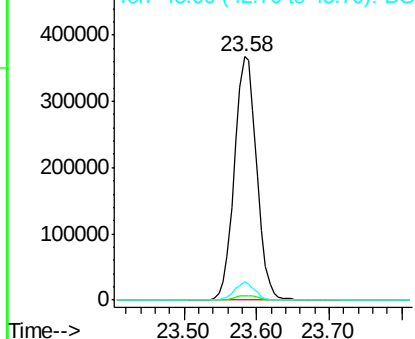


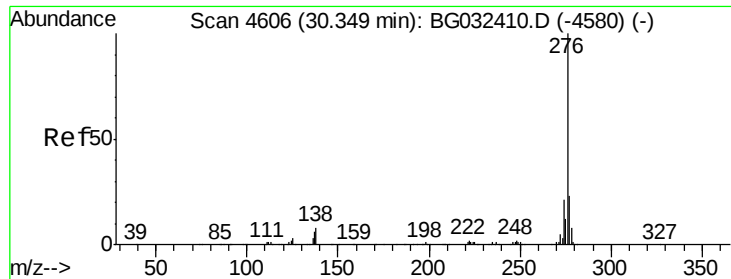
#84
 Di-n-octyl phthalate
 Concen: 53.715 ng
 RT: 23.58 min Scan# 3454
 Delta R.T. 0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:149 Resp: 783794
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 6.9 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

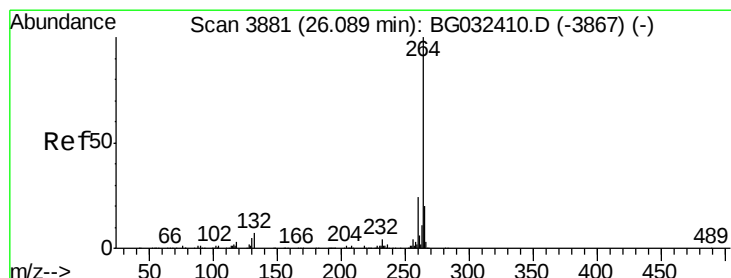
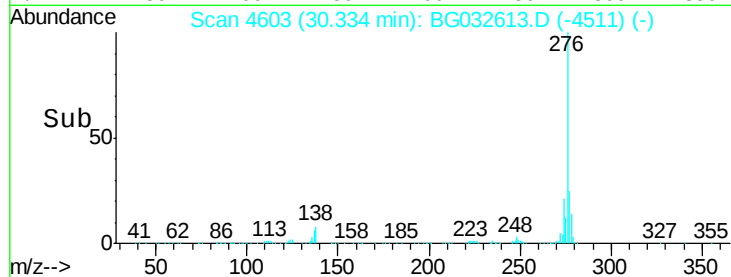
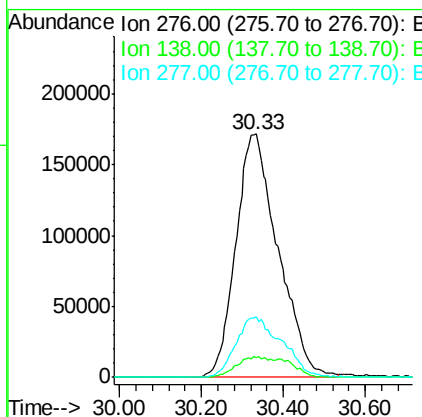
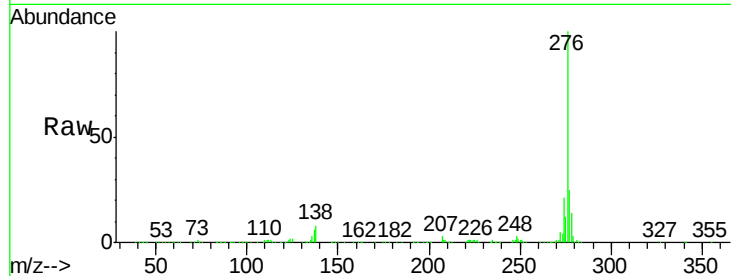




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.282 ng
 RT: 30.33 min Scan# 4603
 Delta R.T. 0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

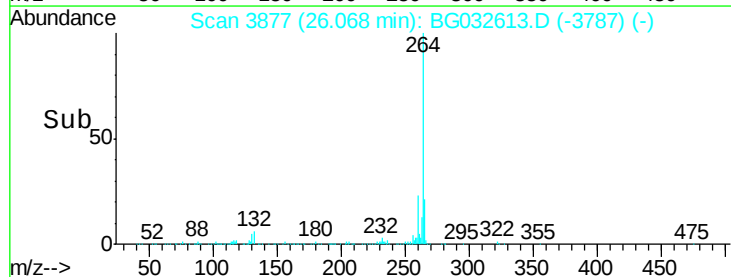
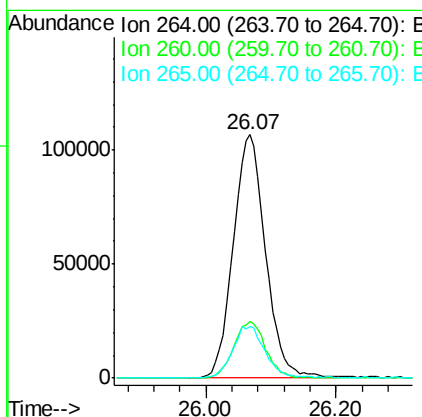
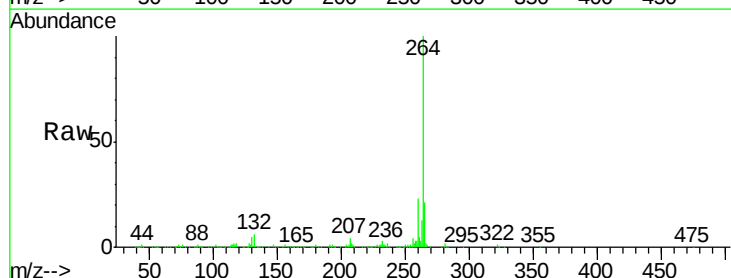
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

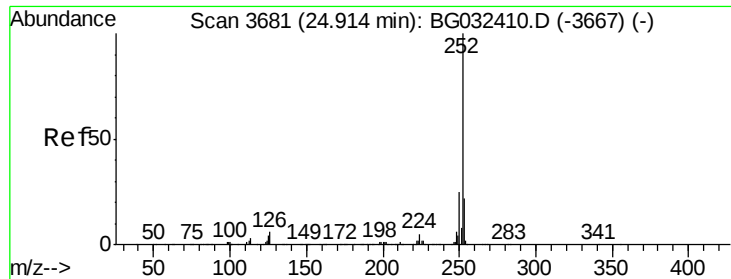
Tot Ion:276 Resp: 1226376
 Ion Ratio Lower Upper
 276 100
 138 6.8 16.0 24.0#
 277 27.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Tgt Ion:264 Resp: 366040
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 21.2 17.7 26.5

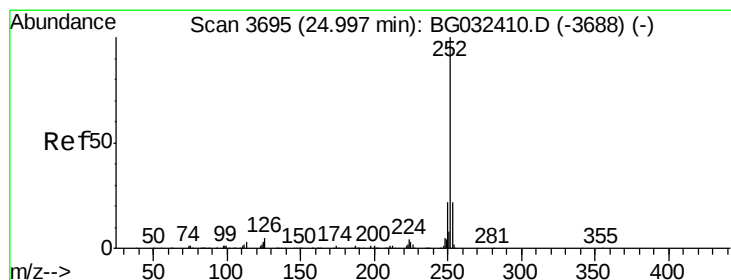
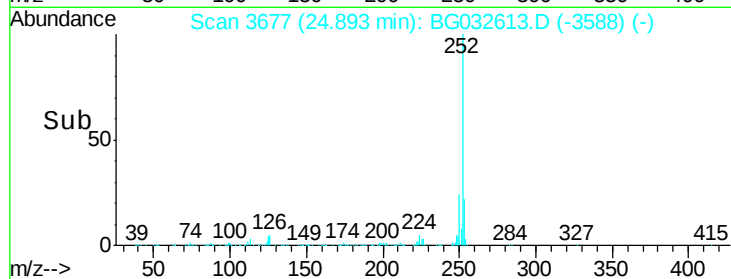
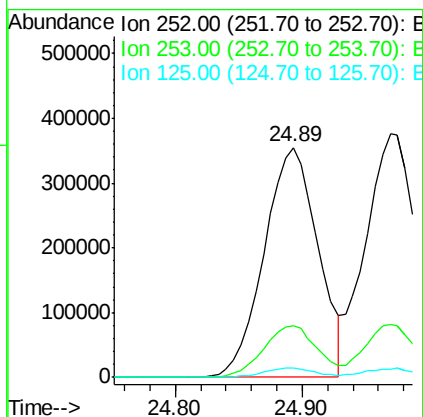
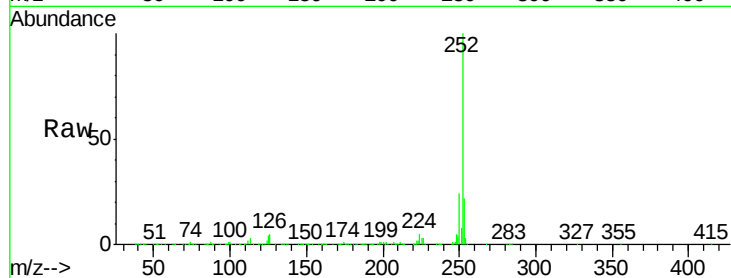




#87
Benzo(b)fluoranthene
Concen: 47.292 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

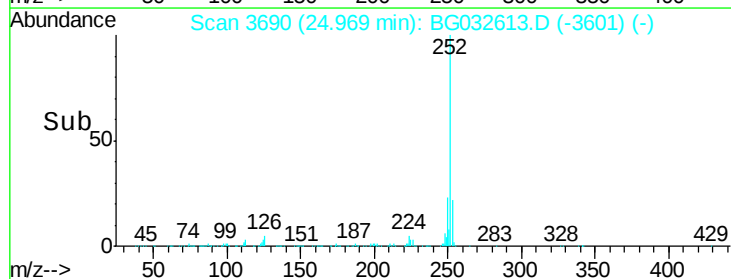
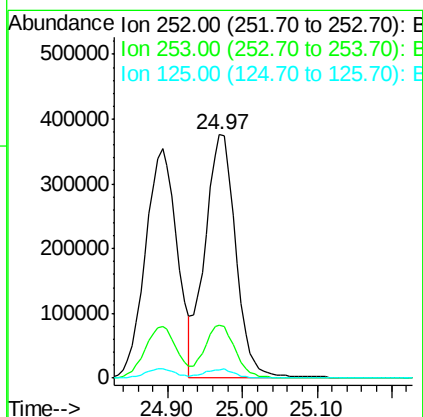
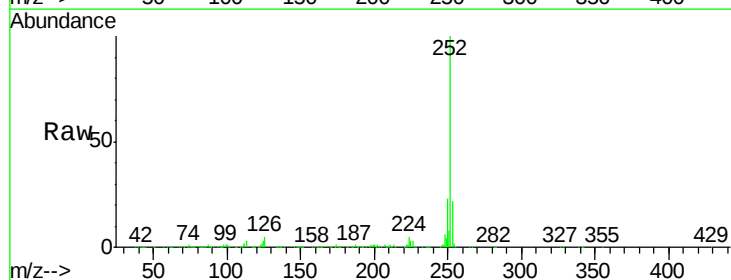
Instrument :
BNA_G
ClientSampleId :
TR-05-020718MSD

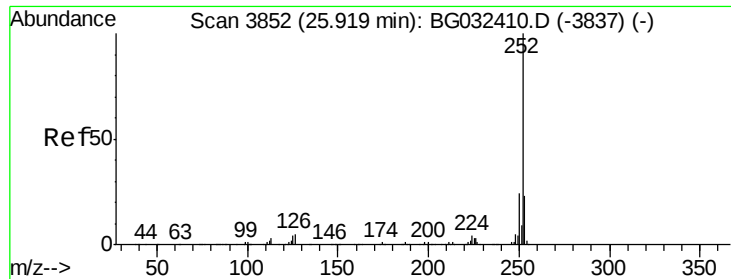
Tot Ion:252 Resp: 1045951
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 4.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 49.007 ng
RT: 24.97 min Scan# 3690
Delta R.T. -0.00 min
Lab File: BG032613.D
Acq: 8 Feb 2018 16:48

Tgt Ion:252 Resp: 1073713
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 3.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 49.182 ng

RT: 25.90 min Scan# 3848

Delta R.T. -0.00 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

Instrument :

BNA_G

ClientSampleId :

TR-05-020718MSD

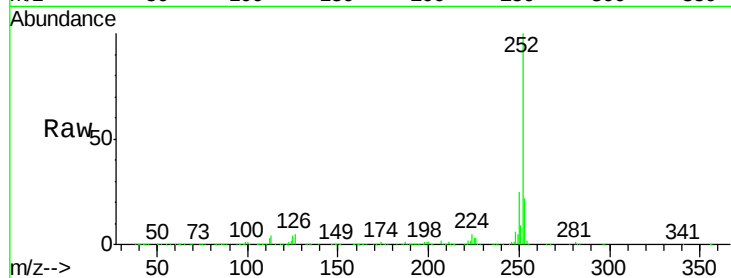
Tot Ion:252 Resp: 1037020

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

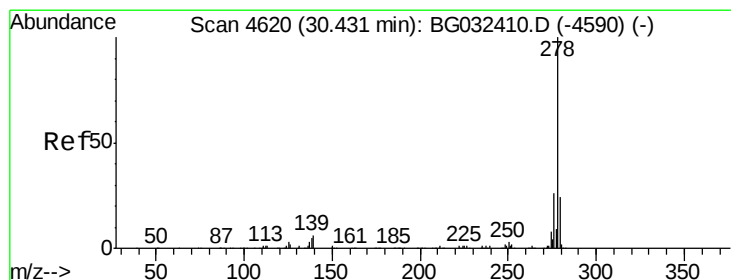
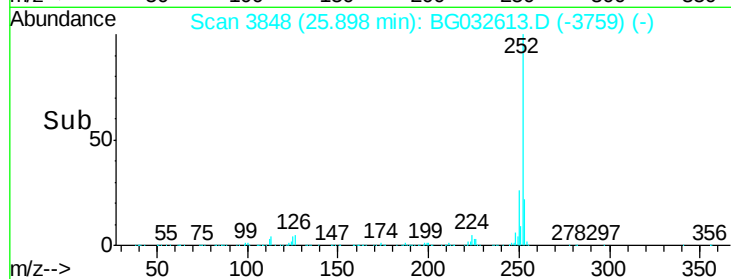
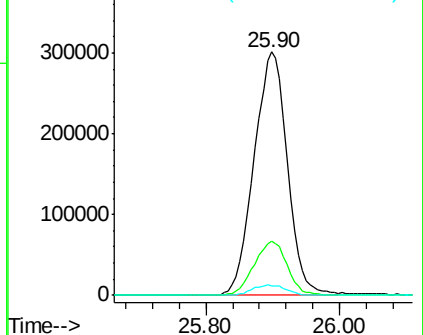
125 4.1 7.3 10.9#



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: 47.197 ng

RT: 30.40 min Scan# 4615

Delta R.T. 0.01 min

Lab File: BG032613.D

Acq: 8 Feb 2018 16:48

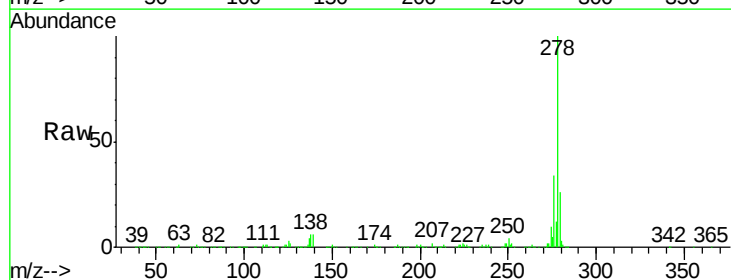
Tgt Ion:278 Resp: 1018024

Ion Ratio Lower Upper

278 100

139 5.9 9.8 14.6#

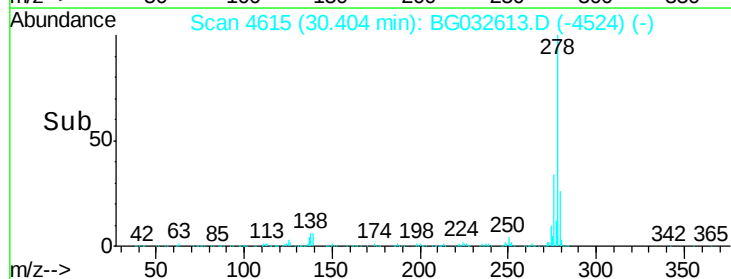
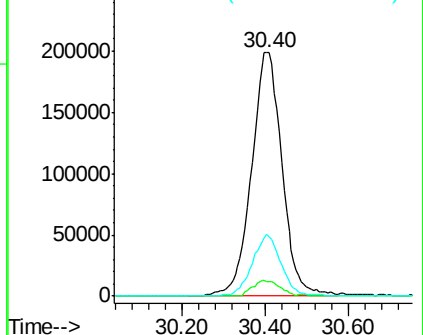
279 25.5 18.4 27.6

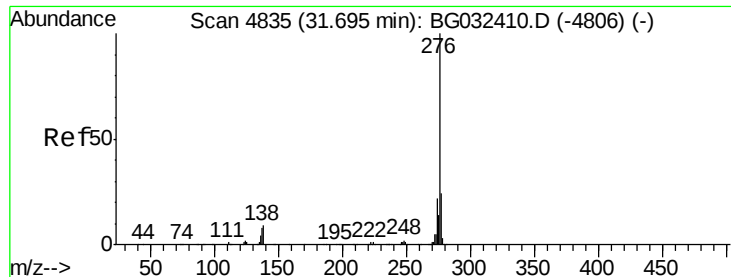


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

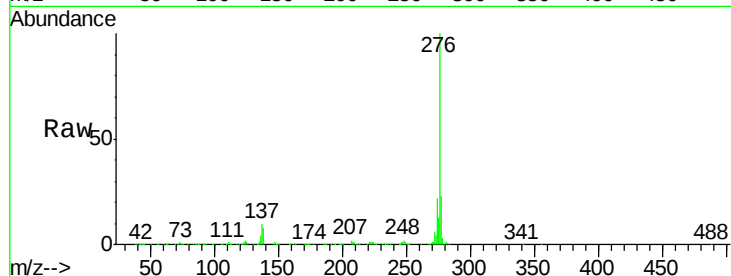




#91
 Benzo(a,h,i)perylene
 Concen: 47.661 ng
 RT: 31.67 min Scan# 4830
 Delta R.T. 0.01 min
 Lab File: BG032613.D
 Acq: 8 Feb 2018 16:48

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-020718MSD

Tot Ion:276 Resp: 1020407
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.3 27.5
 138 8.1 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

