

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032545.D
 Acq On : 5 Feb 2018 22:10
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc : MDL8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 03:23:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	21489	20.00	ng	-0.01
21) Naphthalene-d8	11.58	136	89564	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	67099	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	162088	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	207961	20.00	ng	-0.01
86) Perylene-d12	26.07	264	240763	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	81999	76.64	ng	0.00
7) Phenol-d6	7.83	99	110439	77.36	ng	0.00
23) Nitrobenzene-d5	9.91	82	117144	81.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	101448	79.43	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	430005	76.17	ng	-0.02
78) Terphenyl-d14	20.61	244	783134	80.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	13731	38.146	ng	# 72
3) Pyridine	4.26	79	36030	37.069	ng	# 80
4) n-Nitrosodimethylamine	4.17	42	17858	35.295	ng	# 83
6) Aniline	8.01	93	66201	37.191	ng	# 97
8) 2-Chlorophenol	8.26	128	50098	39.614	ng	# 80
9) Benzaldehyde	7.81	77	25153	34.111	ng	# 98
10) Phenol	7.85	94	51256	37.806	ng	# 91
11) bis(2-Chloroethyl)ether	8.09	93	42919	41.547	ng	# 81
12) 1,3-Dichlorobenzene	8.59	146	70221	41.058	ng	# 99
13) 1,4-Dichlorobenzene	8.75	146	65431	38.170	ng	# 95
14) 1,2-Dichlorobenzene	9.08	146	68661	40.888	ng	# 95
15) Benzyl Alcohol	8.95	79	41549	35.312	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	36743	37.536	ng	# 71
17) 2-Methylphenol	9.15	107	40719	36.979	ng	# 97
18) Hexachloroethane	9.83	117	23674	41.134	ng	# 78
19) n-Nitroso-di-n-propylamine	9.52	70	35447	37.447	ng	# 92
20) 3+4-Methylphenols	9.49	107	61328	39.706	ng	# 93
22) Acetophenone	9.55	105	79041	37.648	ng	# 93
24) Nitrobenzene	9.96	77	56522	40.764	ng	# 91
25) Isophorone	10.47	82	98918	40.514	ng	# 84
26) 2-Nitrophenol	10.68	139	35227	42.028	ng	# 82
27) 2,4-Dimethylphenol	10.71	122	48647	40.436	ng	# 95
28) bis(2-Chloroethoxy)methane	10.96	93	51731	38.637	ng	# 95
29) 2,4-Dichlorophenol	11.22	162	62383	39.143	ng	# 89
30) 1,2,4-Trichlorobenzene	11.44	180	80600	37.945	ng	# 96
31) Naphthalene	11.64	128	179817	41.107	ng	# 98
32) Benzoic acid	10.85	122	26330	32.170	ng	# 74
33) 4-Chloroaniline	11.74	127	77435	39.689	ng	# 92
34) Hexachlorobutadiene	11.91	225	67664	40.943	ng	# 95
35) Caprolactam	12.50	113	17160	37.507	ng	# 37
36) 4-Chloro-3-methylphenol	12.82	107	59536	39.383	ng	# 87
37) 2-Methylnaphthalene	13.21	142	147810	40.221	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	120004	38.229	ng	# 95
40) Hexachlorocyclopentadiene	13.53	237	72331	36.879	ng	# 92

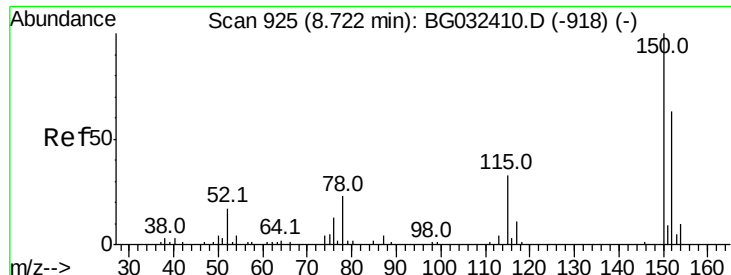
Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032545.D
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 Operator : SJ/JU
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 ClientSampleId :

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	64637	37.855	ng	99
43) 2,4,5-Trichlorophenol	13.86	196	73965	37.160	ng	# 91
45) 1,1'-Biphenyl	14.18	154	226038	39.873	ng	95
46) 2-Chloronaphthalene	14.23	162	173615	39.075	ng	98
47) 2-Nitroaniline	14.43	65	38077	38.753	ng	# 72
48) Acenaphthylene	15.07	152	266353	39.654	ng	98
49) Dimethylphthalate	14.77	163	229262	37.056	ng	98
50) 2,6-Dinitrotoluene	14.90	165	48507	37.355	ng	# 79
51) Acenaphthene	15.41	154	180930	38.840	ng	98
52) 3-Nitroaniline	15.24	138	44028	38.818	ng	# 78
53) 2,4-Dinitrophenol	15.44	184	25102	33.484	ng	# 73
54) Dibenzofuran	15.74	168	251570	36.486	ng	95
55) 4-Nitrophenol	15.53	139	29657	34.926	ng	# 71
56) 2,4-Dinitrotoluene	15.69	165	69974	37.847	ng	# 67
57) Fluorene	16.38	166	216265	37.746	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	72113	36.733	ng	# 87
59) Diethylphthalate	16.11	149	226518	37.592	ng	96
60) 4-Chlorophenyl-phenylether	16.36	204	134855	37.326	ng	94
61) 4-Nitroaniline	16.40	138	44641	36.721	ng	84
62) Azobenzene	16.65	77	137662	38.229	ng	84
64) 4,6-Dinitro-2-methylphenol	16.44	198	42406	35.020	ng	# 71
65) n-Nitrosodiphenylamine	16.57	169	191469	39.582	ng	97
66) 4-Bromophenyl-phenylether	17.25	248	97704	40.688	ng	94
67) Hexachlorobenzene	17.38	284	110791	41.691	ng	# 91
68) Atrazine	17.49	200	82402	39.682	ng	97
69) Pentachlorophenol	17.72	266	64401	38.686	ng	98
70) Phenanthrene	18.12	178	356477	39.437	ng	99
71) Anthracene	18.21	178	369512	41.055	ng	97
72) Carbazole	18.47	167	321511	40.430	ng	98
73) Di-n-butylphthalate	18.98	149	378058	42.939	ng	99
74) Fluoranthene	20.09	202	481644	40.631	ng	95
76) Benzidine	20.24	184	168990	41.383	ng	96
77) Pyrene	20.44	202	502276	39.378	ng	99
79) Butylbenzylphthalate	21.30	149	171918	42.731	ng	# 77
80) Benzo(a)anthracene	22.38	228	517228	40.119	ng	98
81) 3,3'-Dichlorobenzidine	22.28	252	205990	41.239	ng	# 97
82) Chrysene	22.46	228	494856	39.745	ng	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	238038	41.727	ng	# 98
84) Di-n-octyl phthalate	23.59	149	411817	45.514	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.33	276	677769	43.031	ng	# 84
87) Benzo(b)fluoranthene	24.90	252	555247	38.168	ng	# 95
88) Benzo(k)fluoranthene	24.97	252	524848	36.420	ng	# 96
89) Benzo(a)pyrene	25.90	252	559563	40.347	ng	# 96
90) Dibenzo(a,h)anthracene	30.40	278	562666	39.659	ng	# 94
91) Benzo(g,h,i)perylene	31.67	276	551073	39.132	ng	# 92

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

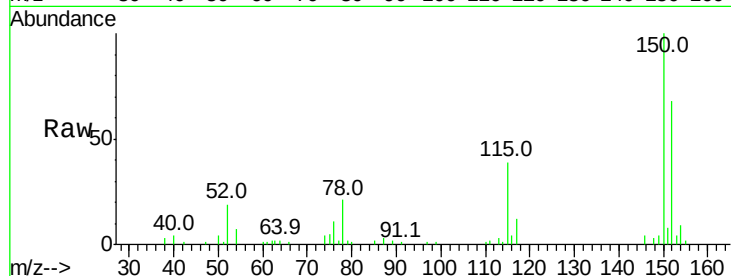


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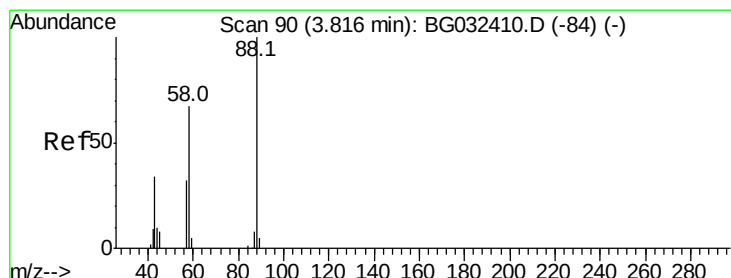
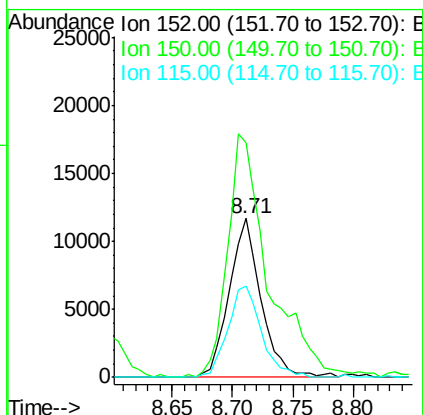
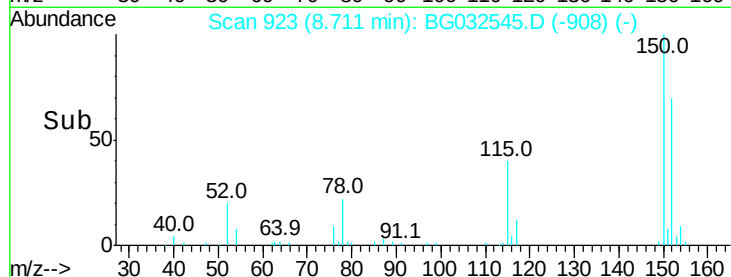
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 21489
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 57.4 53.0 79.4



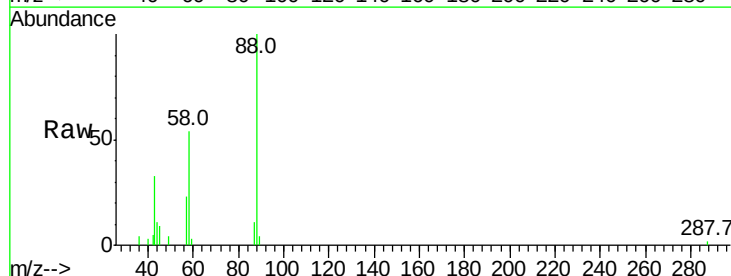
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



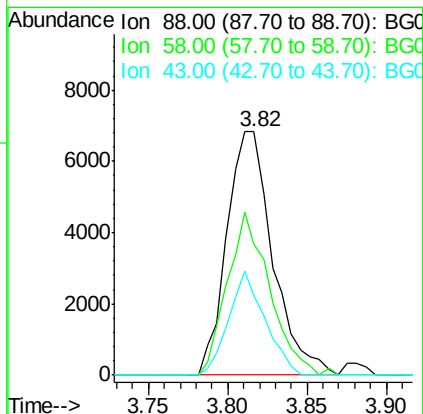
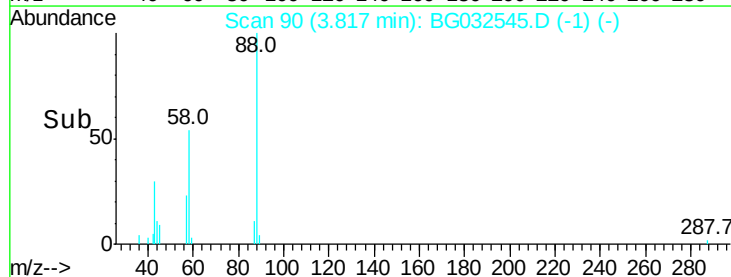
#2

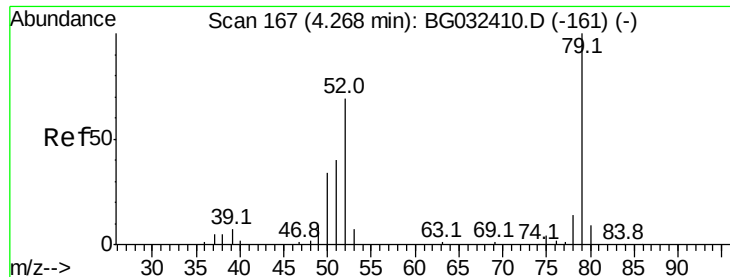
1,4-Dioxane
Concen: 38.146 ng
RT: 3.82 min Scan# 90
Delta R.T. 0.00 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion: 88 Resp: 13731
Ion Ratio Lower Upper
88 100
58 61.9 79.6 119.4#
43 33.7 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: 37.069 ng

RT: 4.26 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

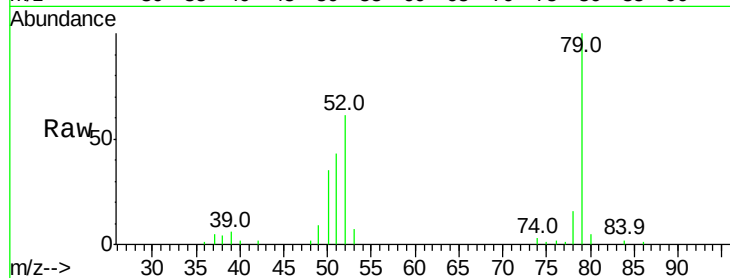
Instrument :

BNA_G

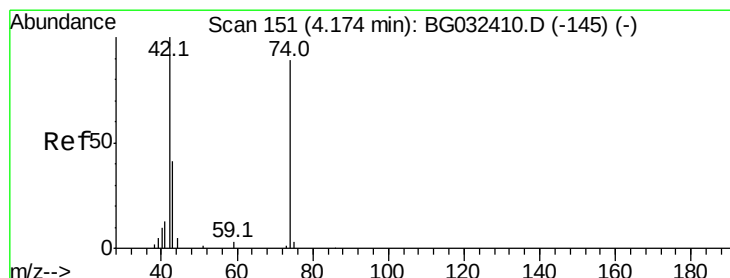
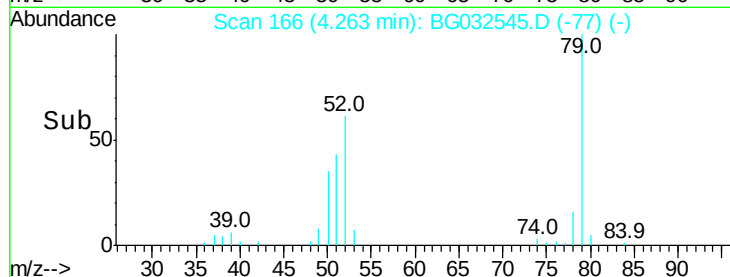
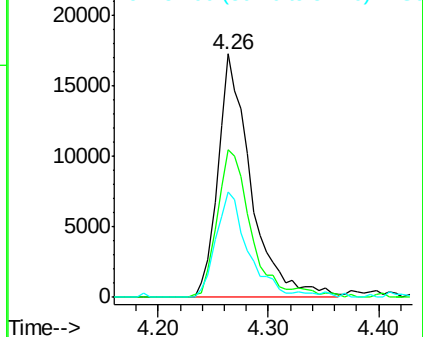
ClientSampled :

Tot Ion: 79 Resp: 36030

Ion	Ratio	Lower	Upper
79	100		
52	60.5	69.9	104.9#
51	43.2	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: 35.295 ng

RT: 4.17 min Scan# 151

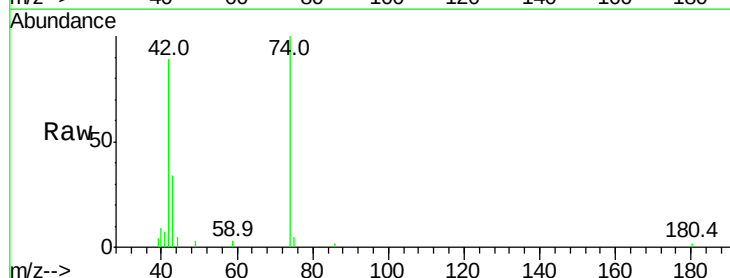
Delta R.T. 0.00 min

Lab File: BG032545.D

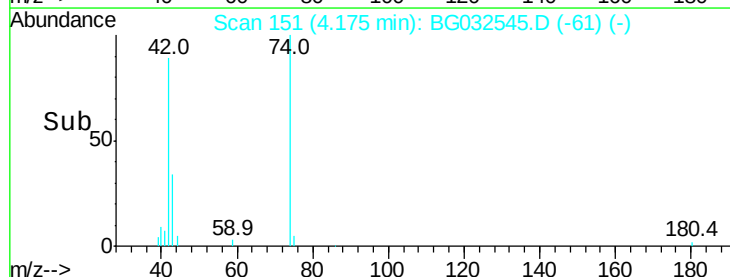
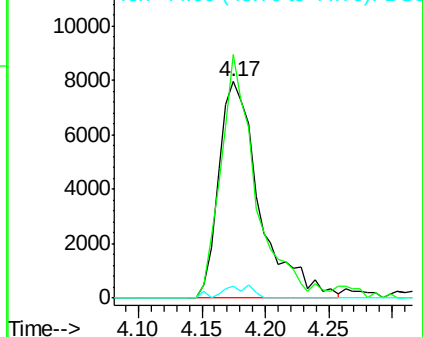
Acq: 5 Feb 2018 22:10

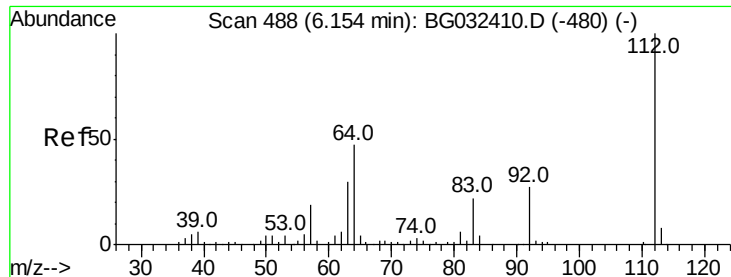
Tgt Ion: 42 Resp: 17858

Ion	Ratio	Lower	Upper
42	100		
74	112.5	102.5	153.7
44	5.4	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: 76.644 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampled :

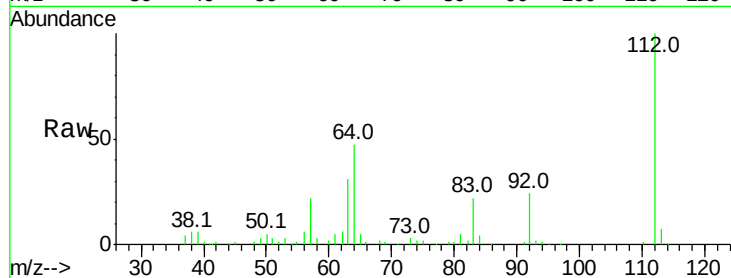
Tot Ion:112 Resp: 81999

Ion Ratio Lower Upper

112 100

64 47.2 56.3 84.5#

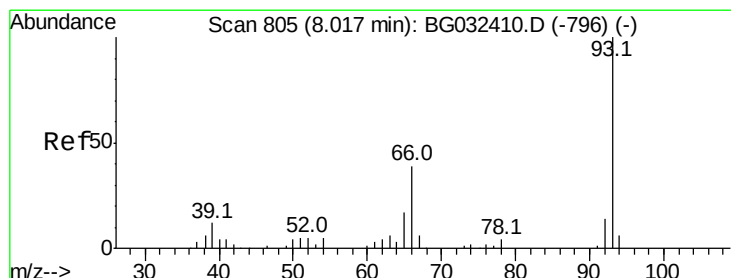
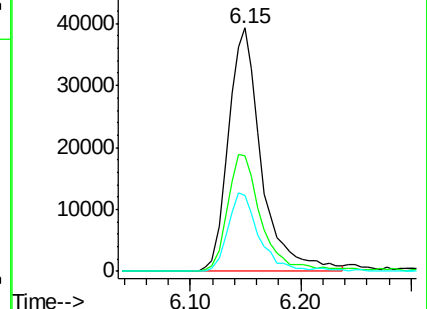
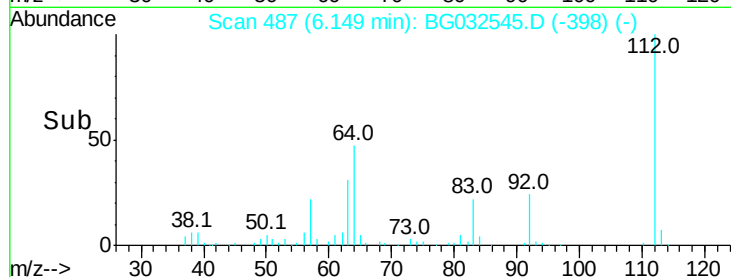
63 31.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.191 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

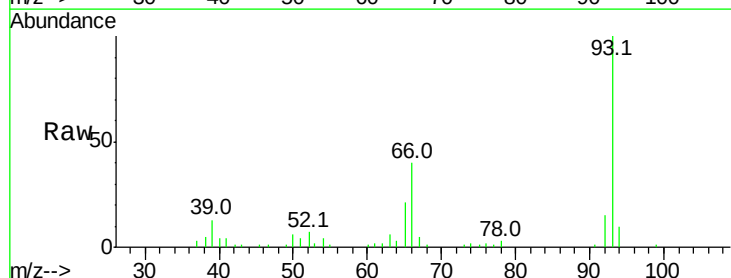
Tgt Ion: 93 Resp: 66201

Ion Ratio Lower Upper

93 100

66 39.7 33.7 50.5

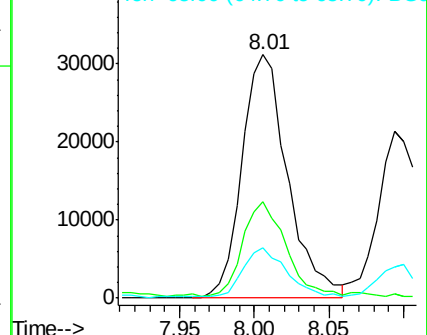
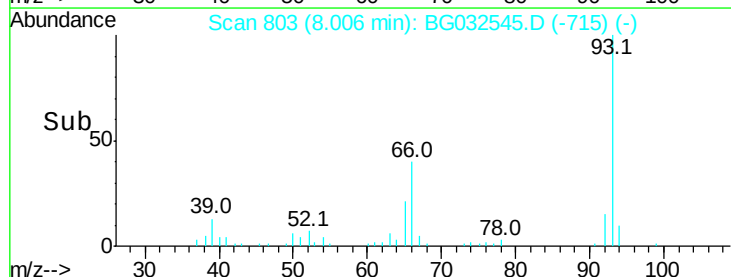
65 20.7 16.1 24.1

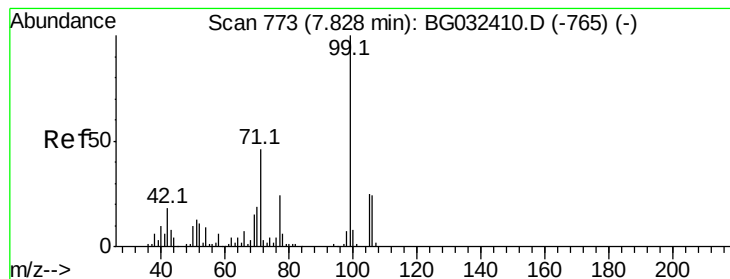


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.357 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

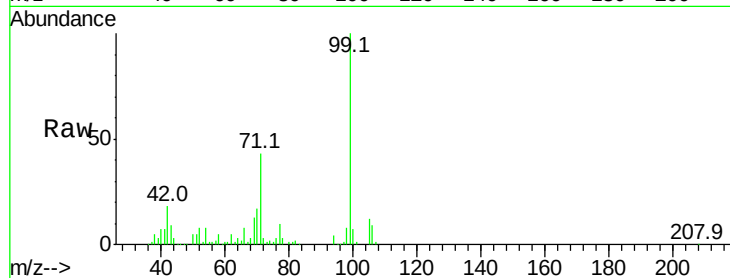
Tot Ion: 99 Resp: 110439

Ion Ratio Lower Upper

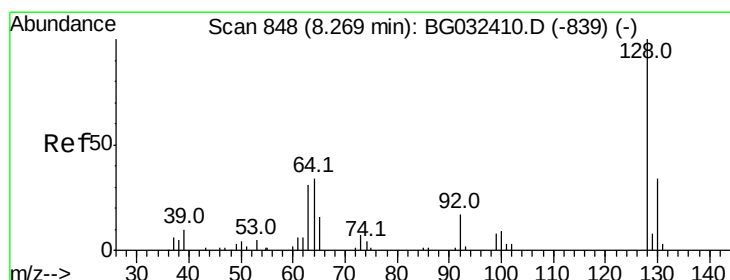
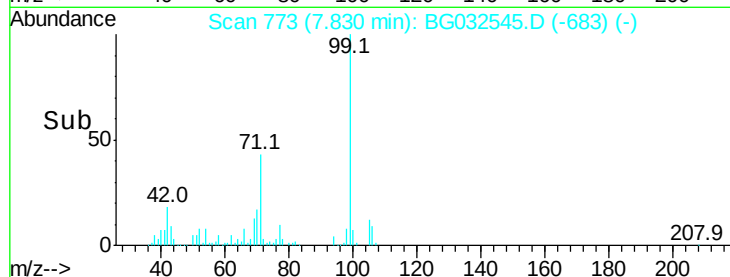
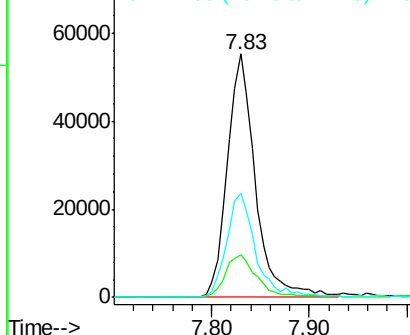
99 100

42 17.6 14.1 21.1

71 42.6 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: 39.614 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

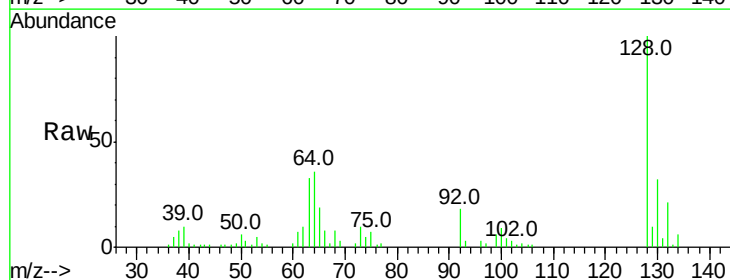
Tgt Ion:128 Resp: 50098

Ion Ratio Lower Upper

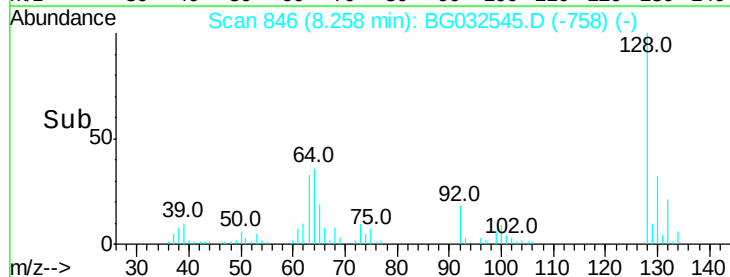
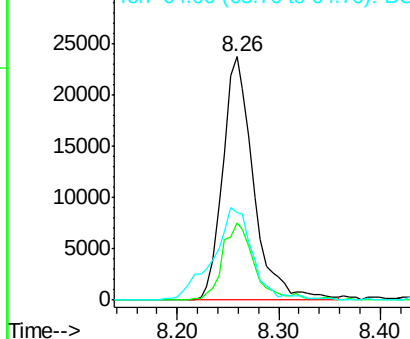
128 100

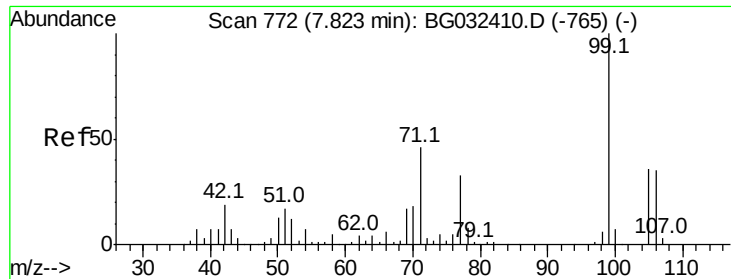
130 31.9 14.0 54.0

64 35.7 37.7 77.7#



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





#9

Benzaldehyde

Concen: 34.111 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

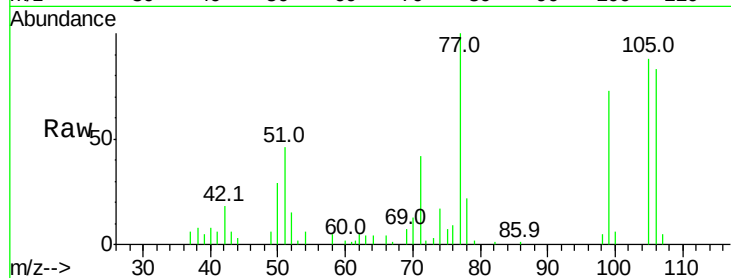
Tot Ion: 77 Resp: 25153

Ion Ratio Lower Upper

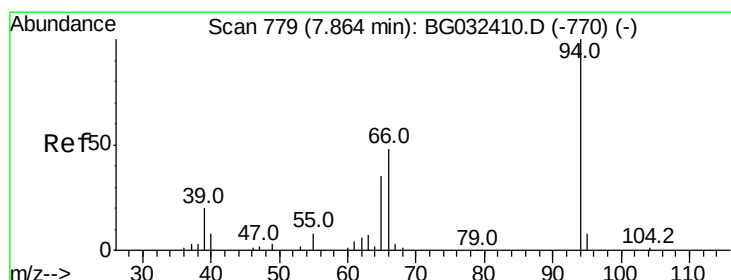
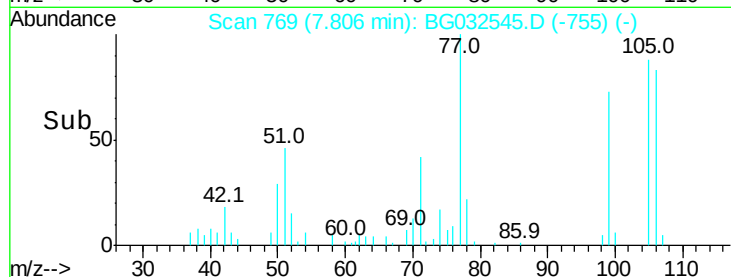
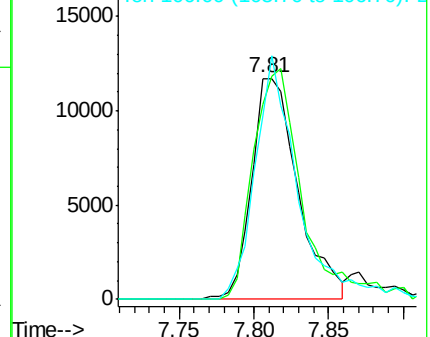
77 100

105 88.1 71.3 111.3

106 83.0 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: 37.806 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

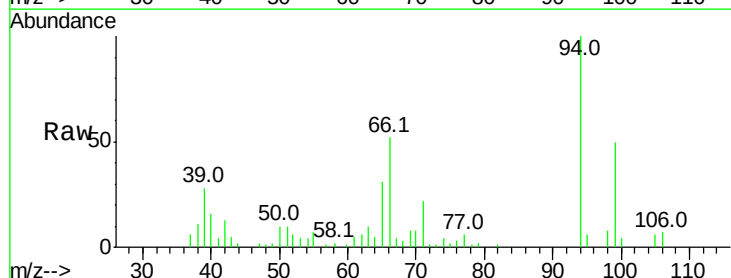
Tgt Ion: 94 Resp: 51256

Ion Ratio Lower Upper

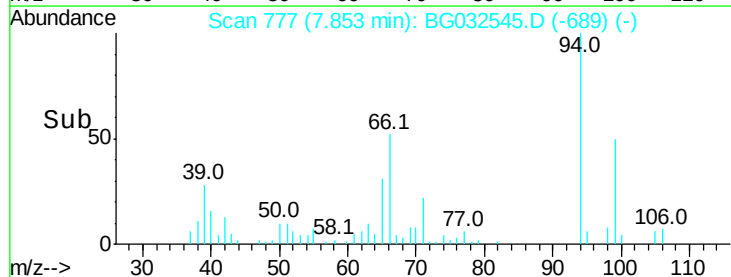
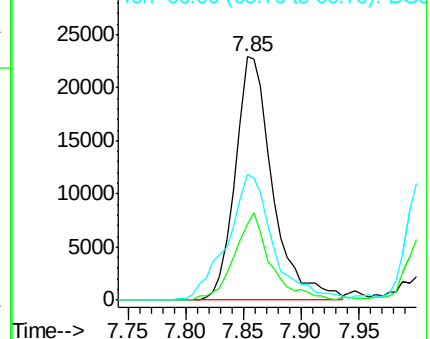
94 100

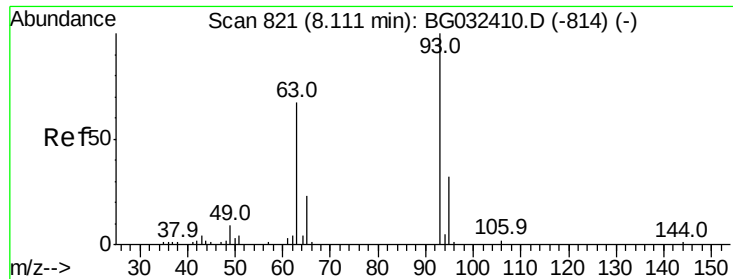
65 31.1 11.9 51.9

66 51.9 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

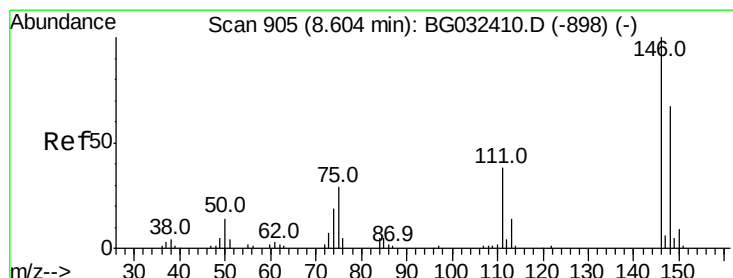
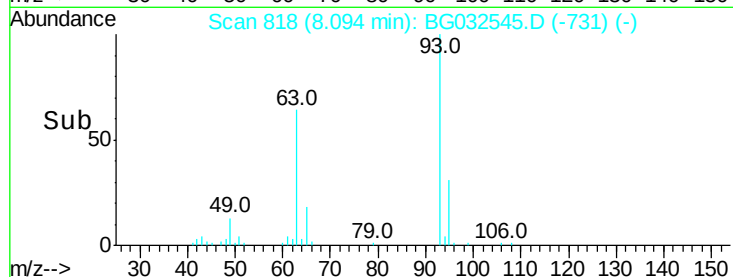
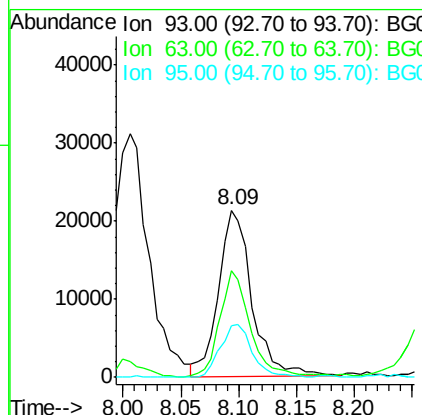
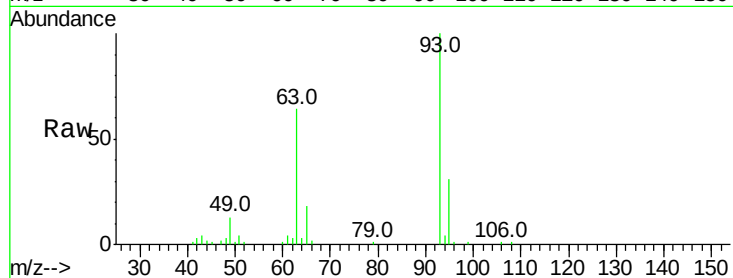




#11
 bis(2-Chloroethyl)ether
 Concen: 41.547 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

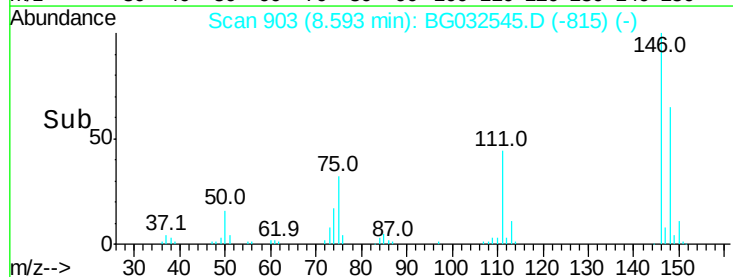
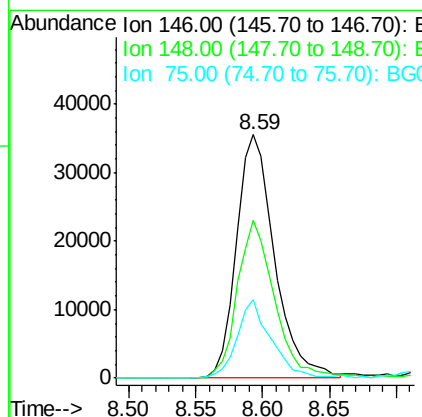
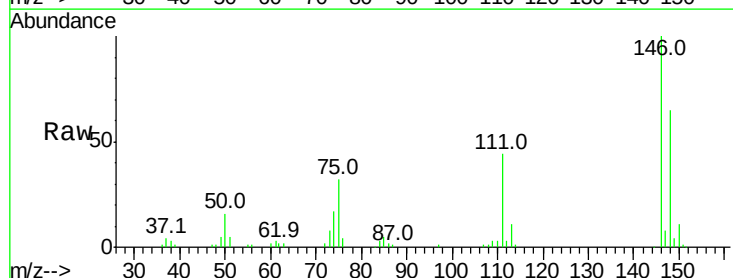
Instrument :
 BNA_G
 ClientSampled :

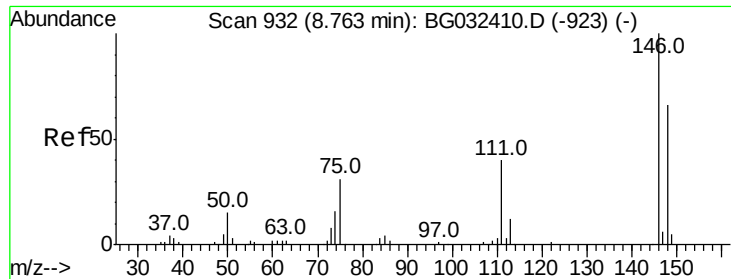
Tot Ion: 93 Resp: 42919
 Ion Ratio Lower Upper
 93 100
 63 63.6 67.1 107.1#
 95 30.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.058 ng
 RT: 8.59 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion: 146 Resp: 70221
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.2
 75 32.4 26.6 39.8

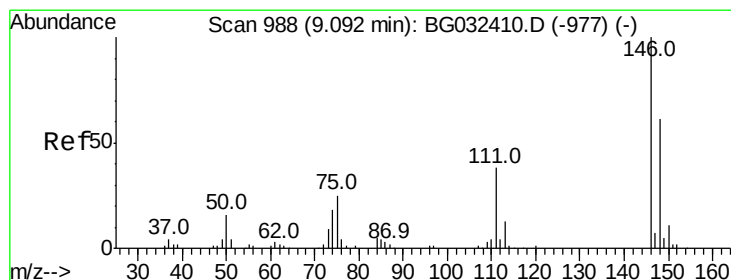
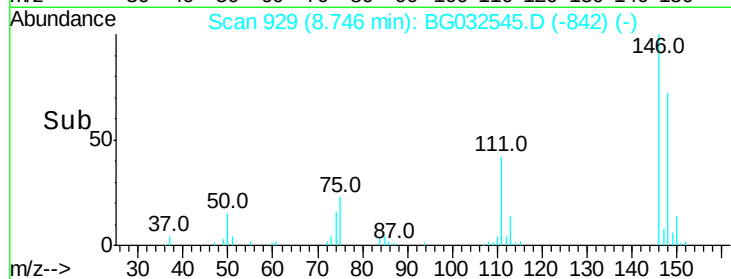
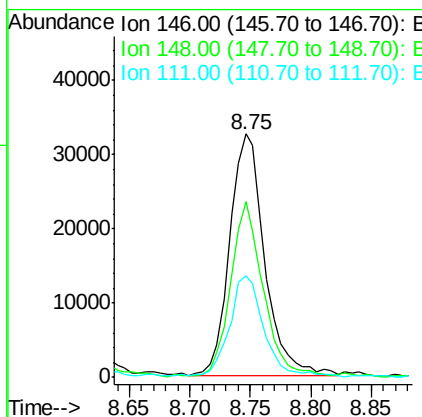
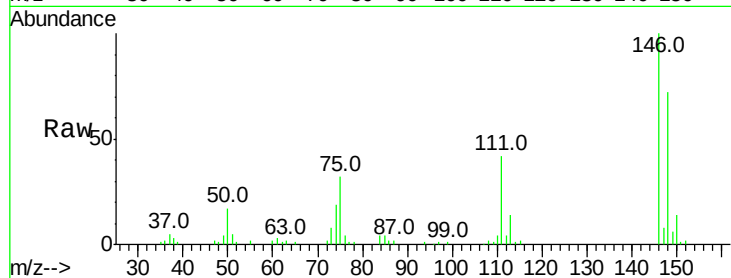




#13
 1,4-Dichlorobenzene
 Concen: 38.170 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

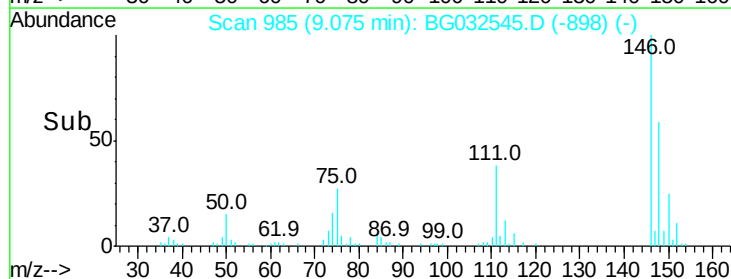
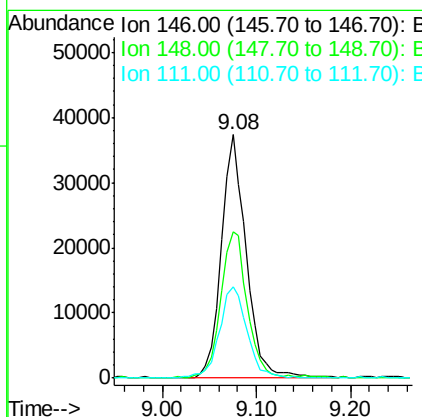
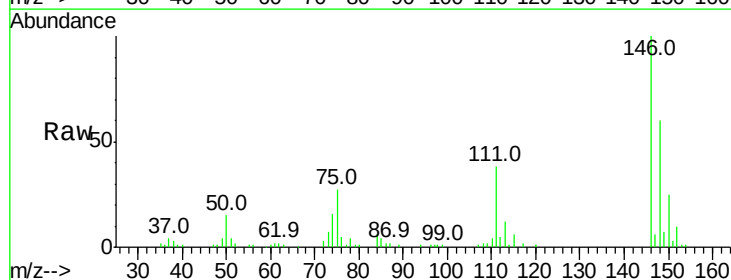
Instrument :
 BNA_G
 ClientSampleId :

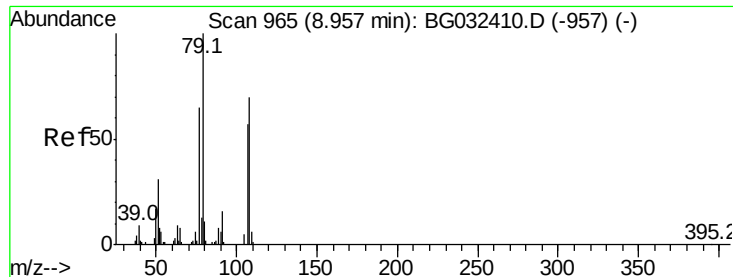
Tot Ion:146 Resp: 65431
 Ion Ratio Lower Upper
 146 100
 148 72.4 53.7 80.5
 111 41.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.888 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion:146 Resp: 68661
 Ion Ratio Lower Upper
 146 100
 148 60.0 49.3 73.9
 111 37.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 35.312 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

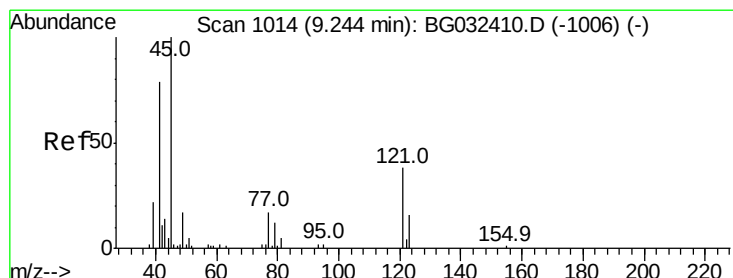
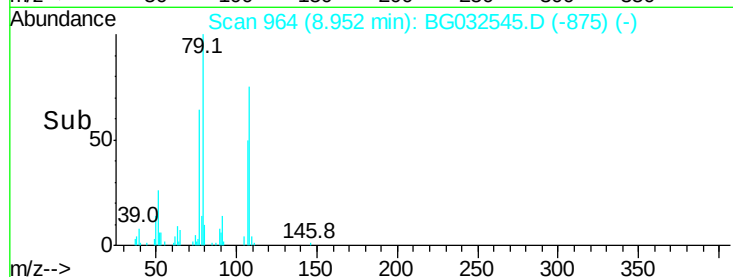
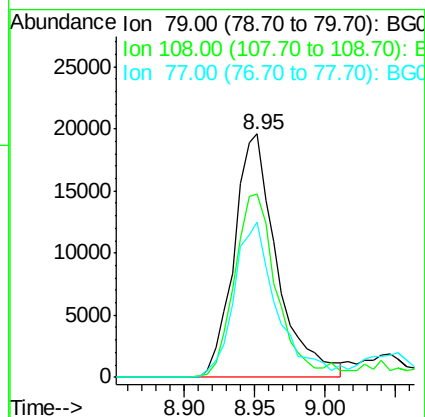
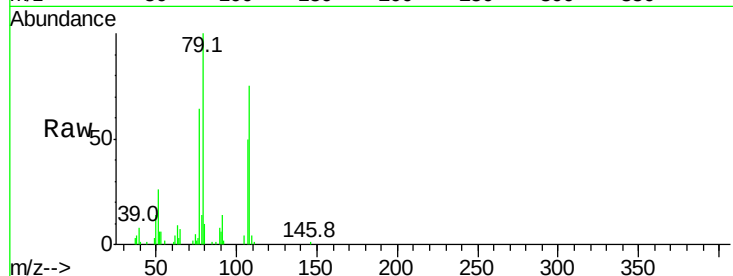
Tot Ion: 79 Resp: 41549

Ion Ratio Lower Upper

79 100

108 75.5 57.2 85.8

77 63.6 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.536 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

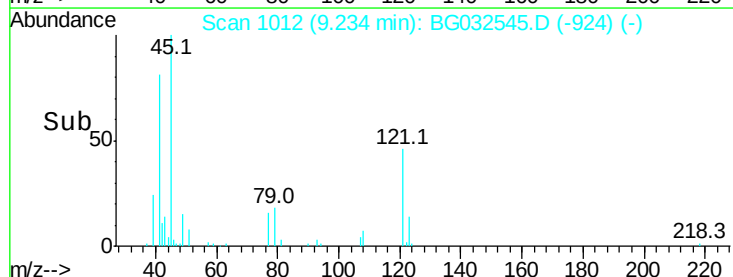
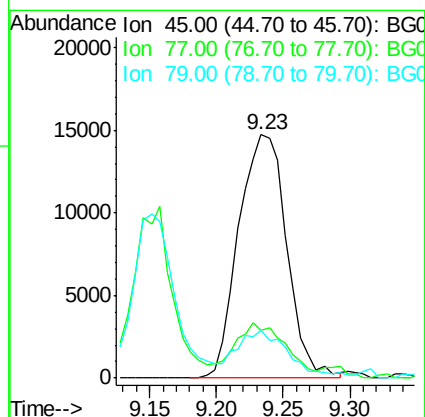
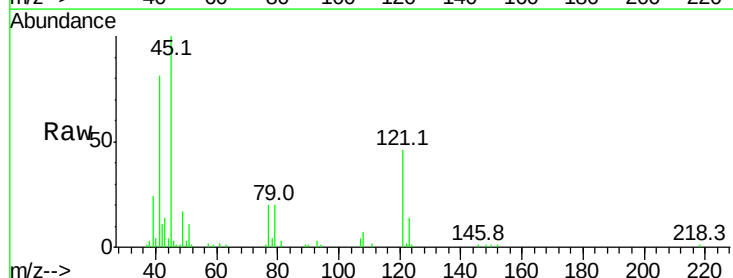
Tgt Ion: 45 Resp: 36743

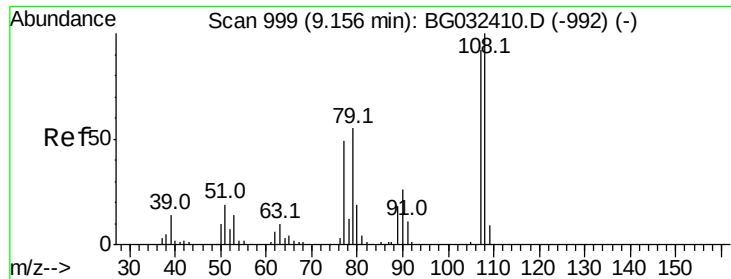
Ion Ratio Lower Upper

45 100

77 19.6 0.0 30.2

79 19.7 0.0 27.9

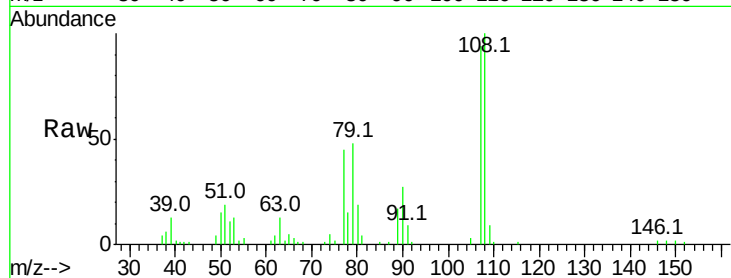




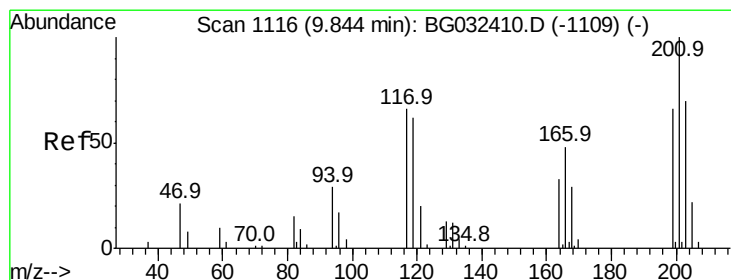
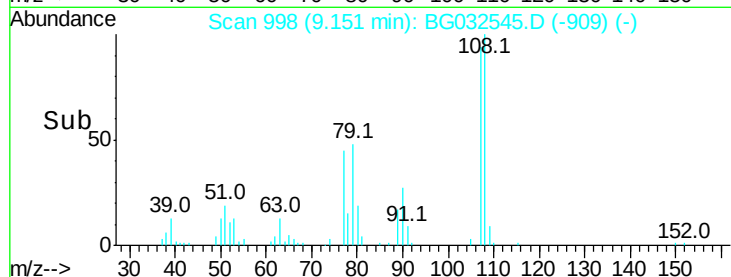
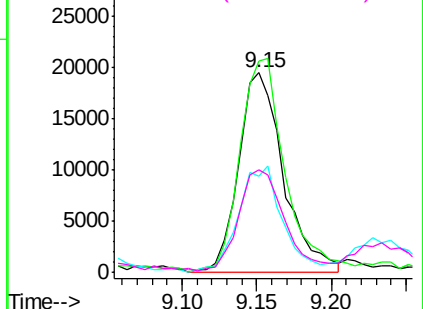
#17
2-Methylphenol
Concen: 36.979 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 40719
Ion Ratio Lower Upper
107 100
108 106.2 83.9 125.9
77 48.1 37.2 55.8
79 51.1 36.2 54.2

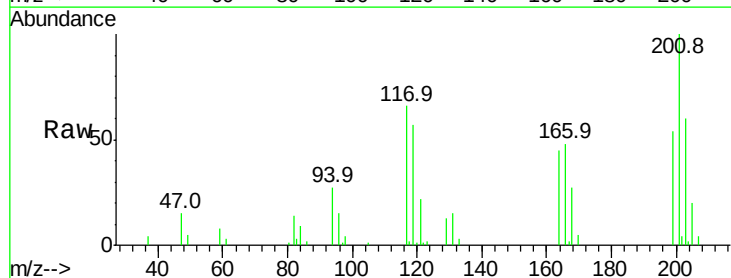


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

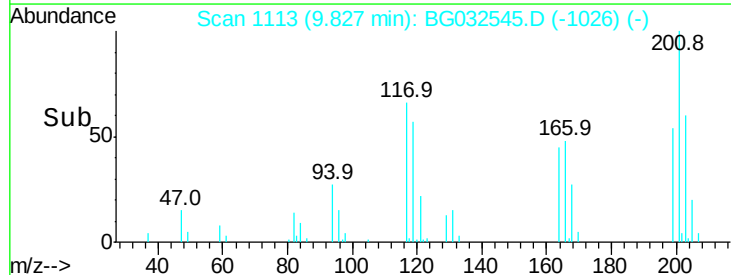
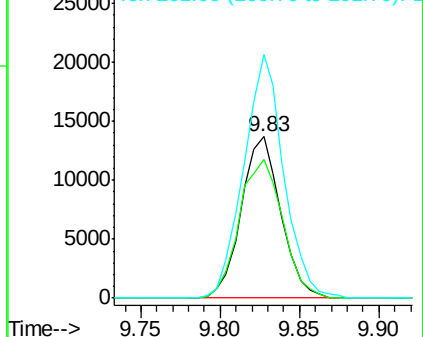


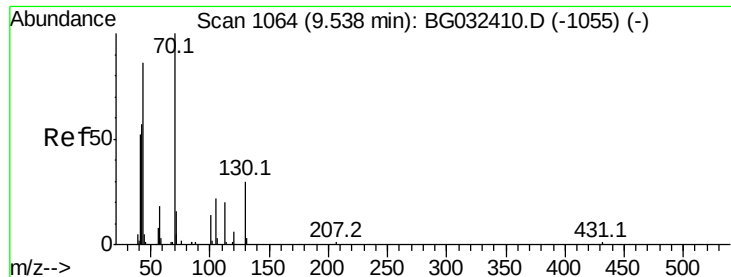
#18
Hexachloroethane
Concen: 41.134 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion:117 Resp: 23674
Ion Ratio Lower Upper
117 100
119 84.1 76.7 115.1
201 153.7 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

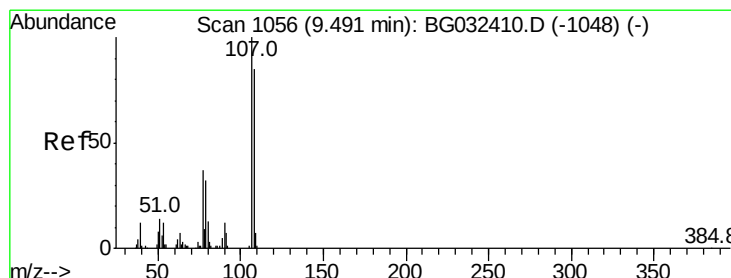
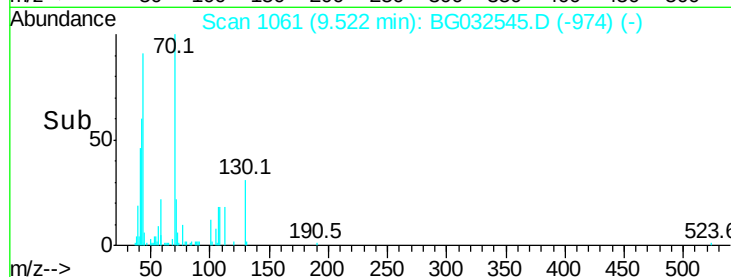
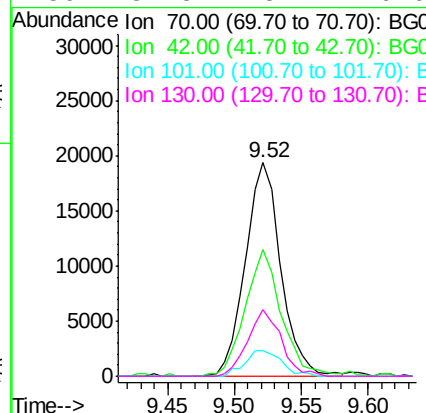
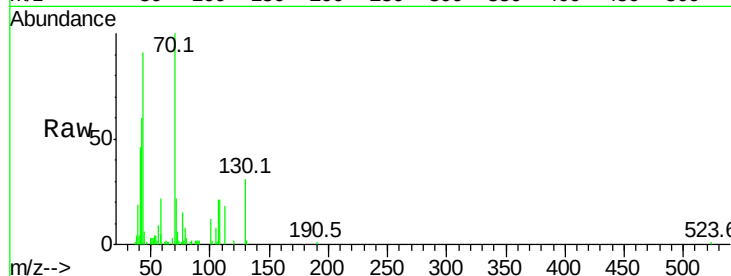




#19
 n-Nitroso-di-n-propylamine
 Concen: 37.447 ng
 RT: 9.52 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

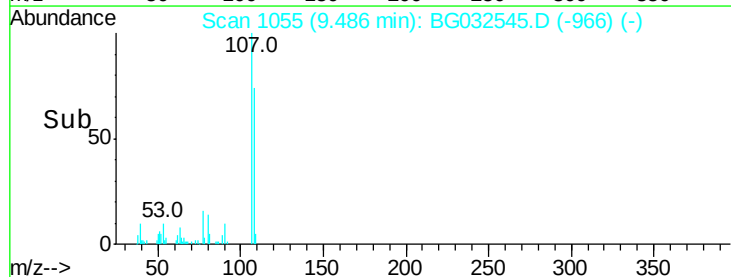
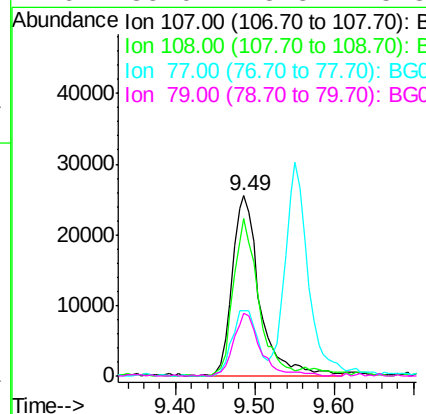
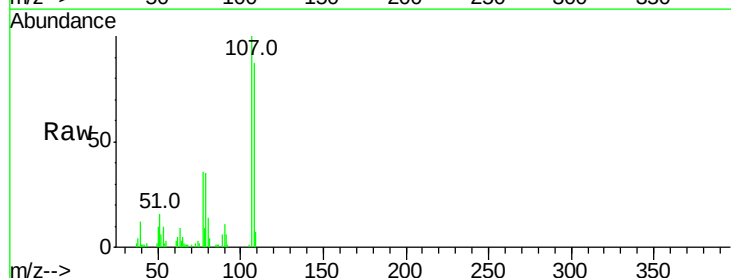
Instrument :
 BNA_G
 ClientSampleId :

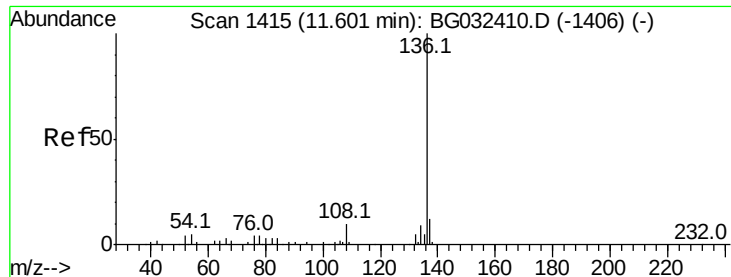
Tot Ion: 70 Resp: 35447
 Ion Ratio Lower Upper
 70 100
 42 59.5 49.1 73.7
 101 12.0 8.5 12.7
 130 31.3 13.4 20.0#



#20
 3+4-Methylphenols
 Concen: 39.706 ng
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion: 107 Resp: 61328
 Ion Ratio Lower Upper
 107 100
 108 87.0 61.6 101.6
 77 36.2 13.9 53.9
 79 35.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 89564

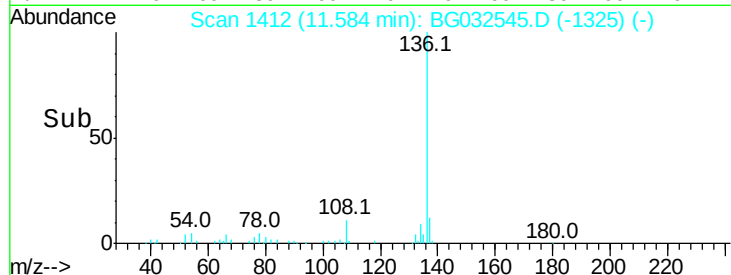
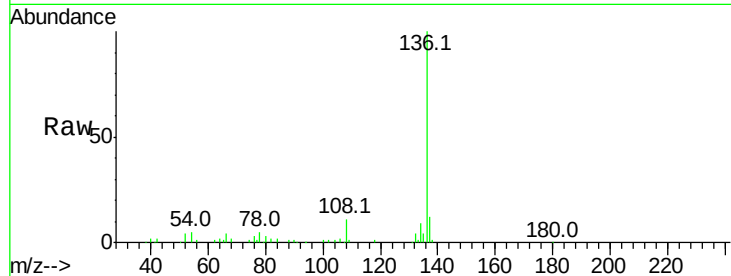
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.9 10.3 15.5#

68 2.4 4.5 6.7#

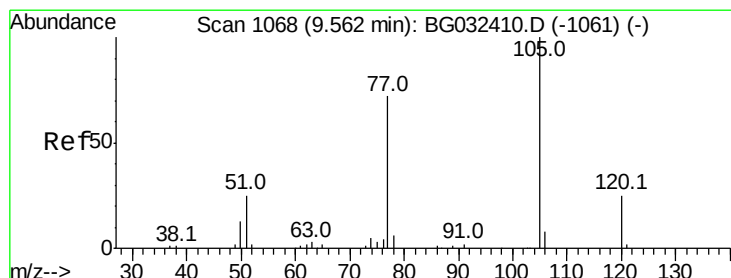
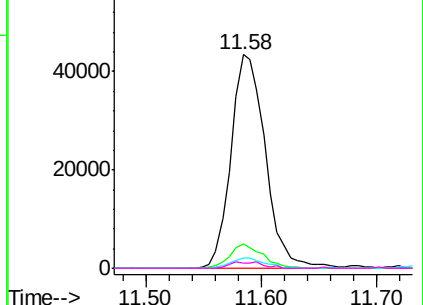


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.648 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Tgt Ion:105 Resp: 79041

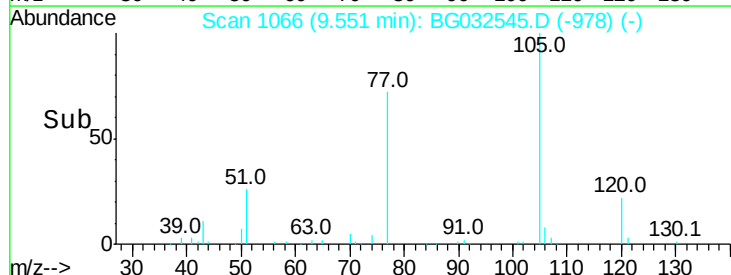
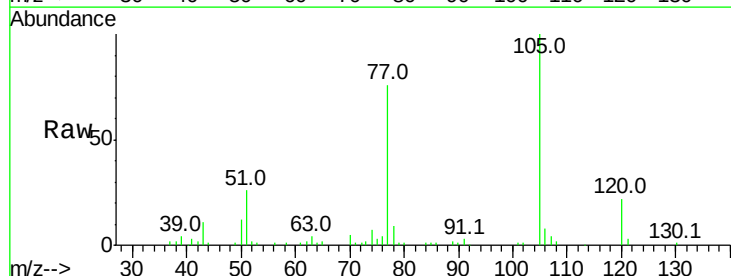
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 26.4 26.1 39.1

120 22.4 17.4 26.2

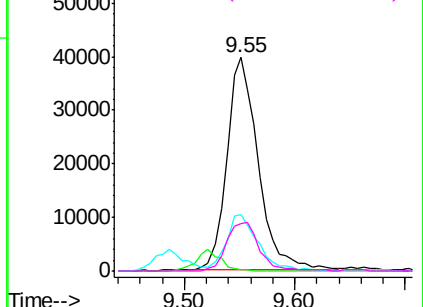


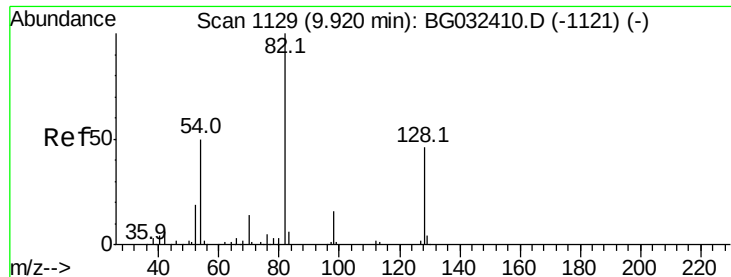
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

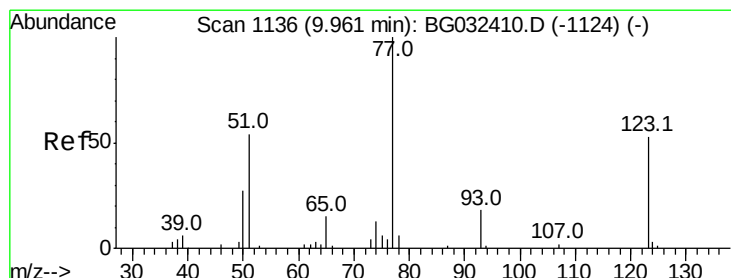
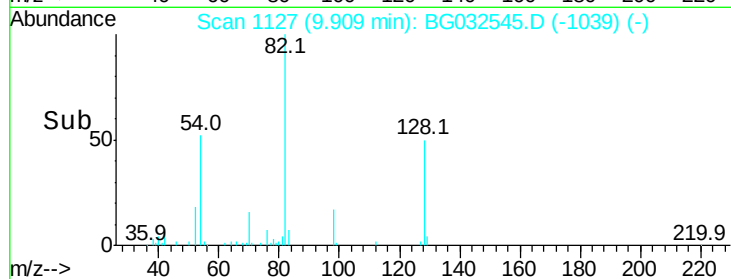
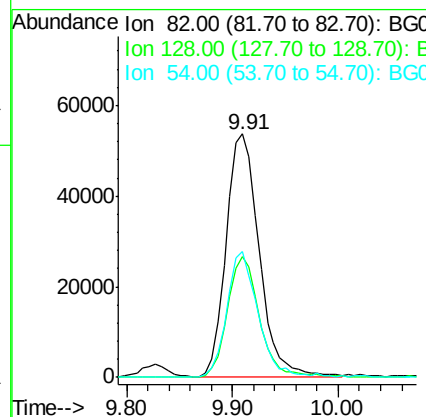
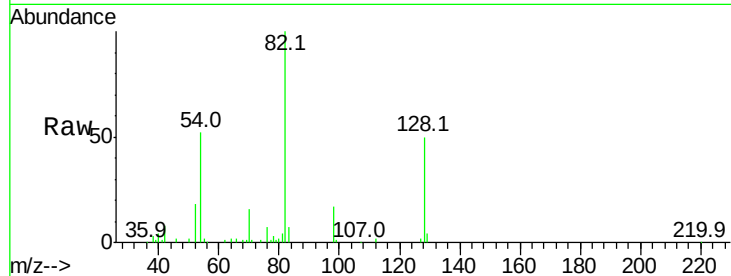




#23
 Nitrobenzene-d5
 Concen: 81.694 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

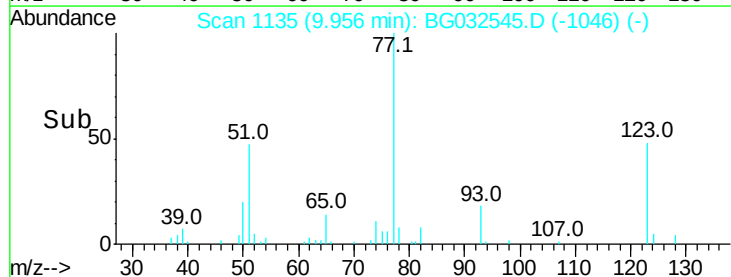
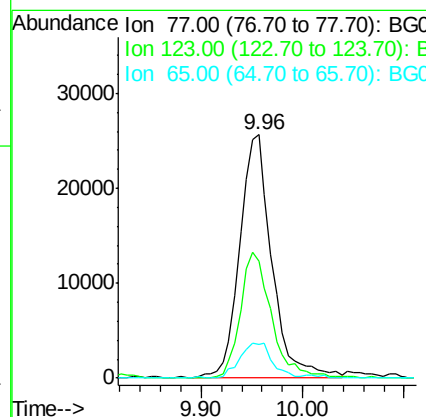
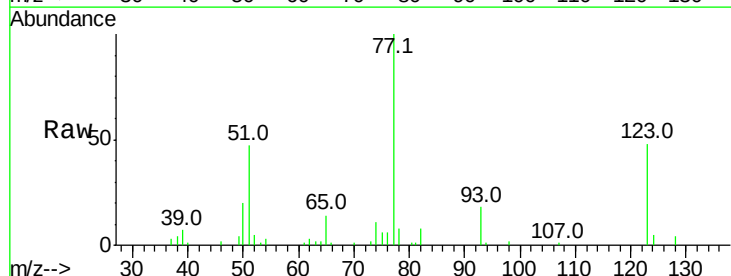
Instrument :
 BNA_G
 ClientSampleId :

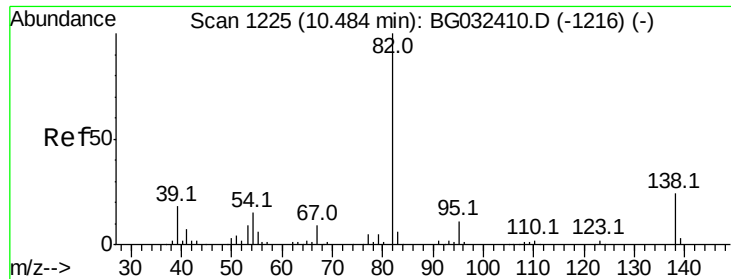
Tot Ion: 82 Resp: 117144
 Ion Ratio Lower Upper
 82 100
 128 49.6 29.7 44.5#
 54 51.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 40.764 ng
 RT: 9.96 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion: 77 Resp: 56522
 Ion Ratio Lower Upper
 77 100
 123 48.0 33.0 49.6
 65 14.0 13.0 19.6





#25

Isophorone

Concen: 40.514 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

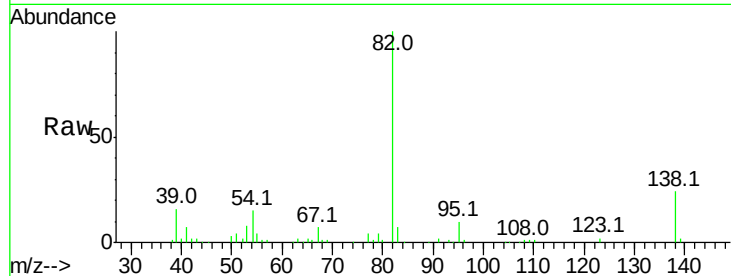
Tot Ion: 82 Resp: 98918

Ion Ratio Lower Upper

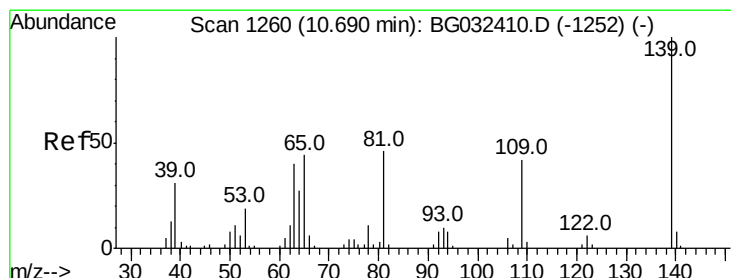
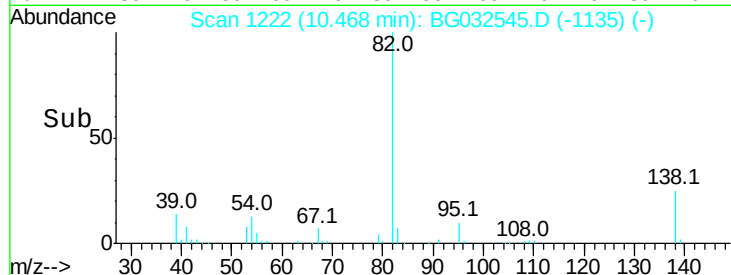
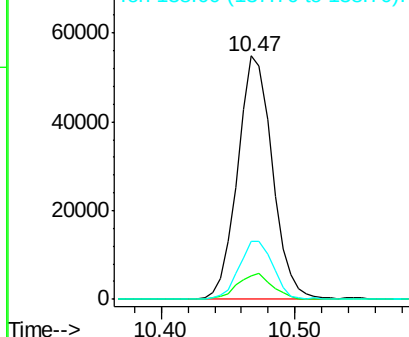
82 100

95 9.7 6.2 9.2#

138 24.0 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: 42.028 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

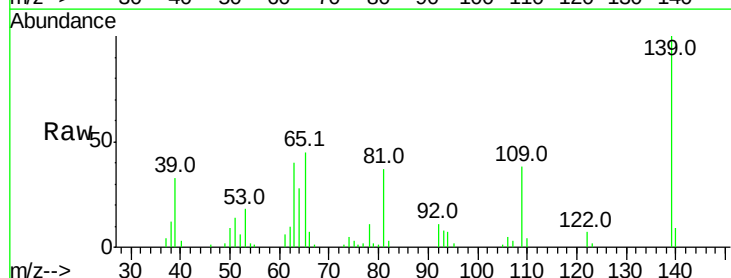
Tgt Ion:139 Resp: 35227

Ion Ratio Lower Upper

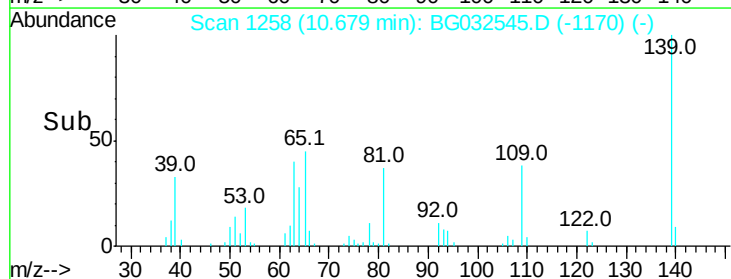
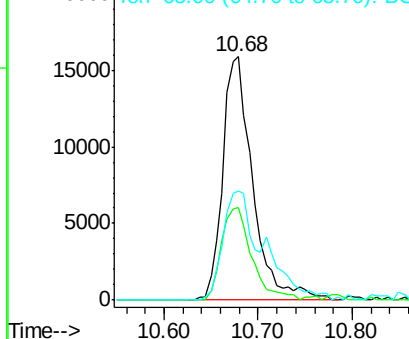
139 100

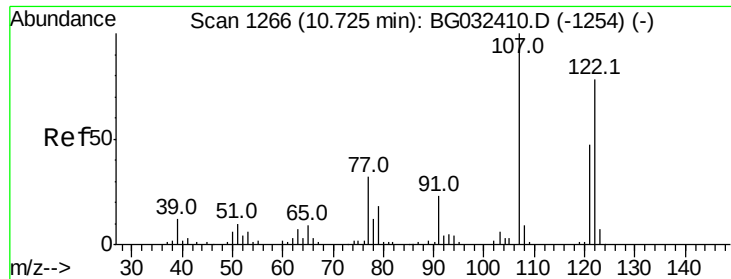
109 38.2 24.2 36.2#

65 44.8 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

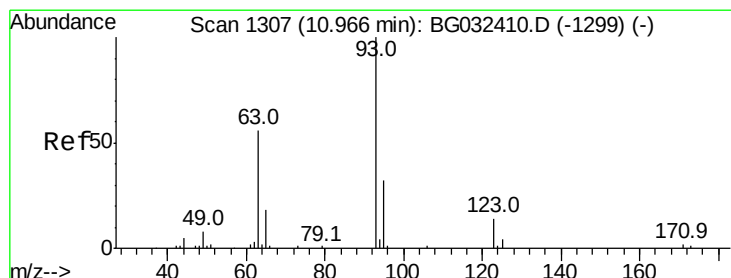
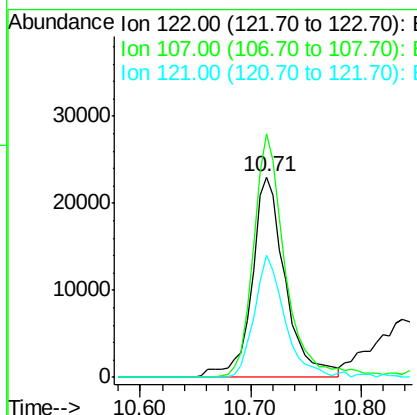
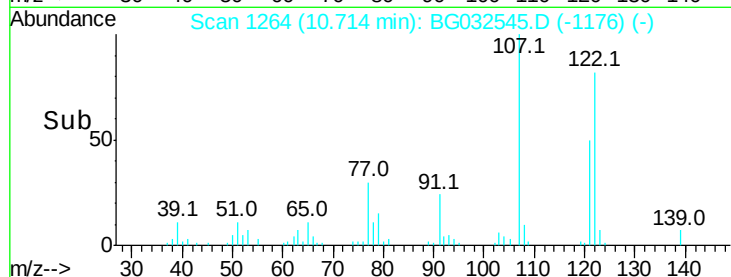
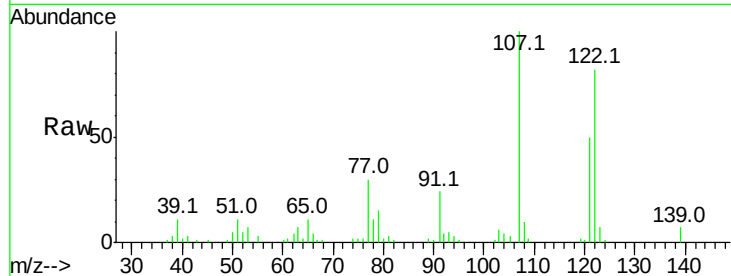




#27
 2,4-Dimethylphenol
 Concen: 40.436 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

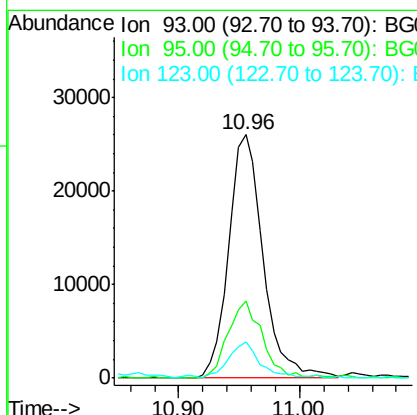
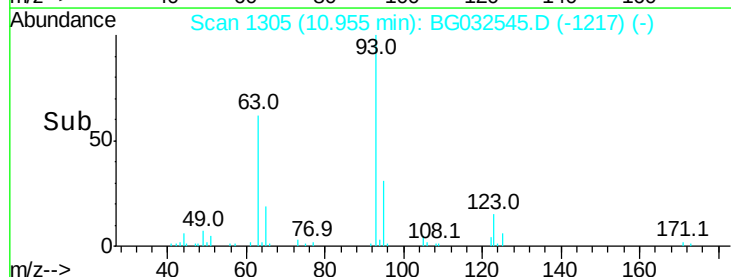
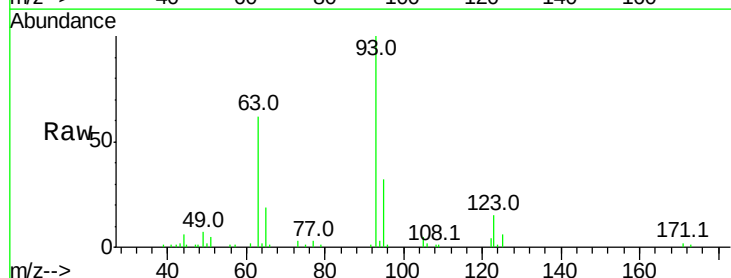
Instrument :
 BNA_G
 ClientSampleId :

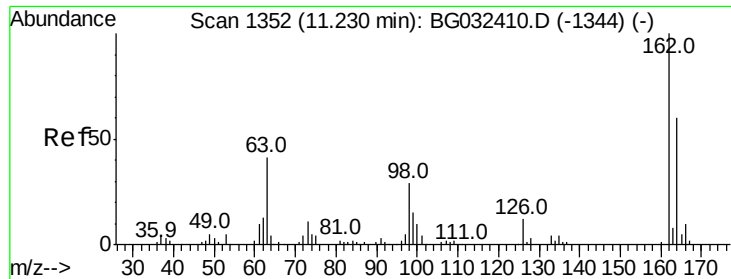
Tot Ion:122 Resp: 48647
 Ion Ratio Lower Upper
 122 100
 107 121.5 100.2 150.2
 121 61.1 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.637 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion: 93 Resp: 51731
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 14.9 8.4 12.6#

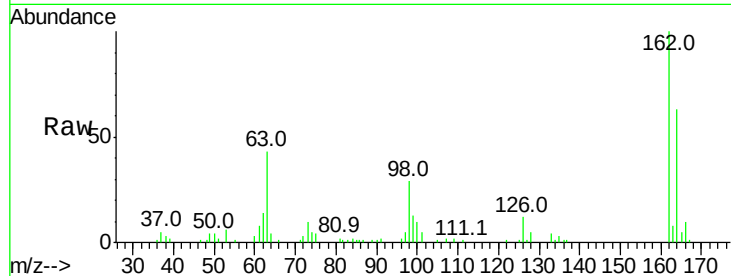




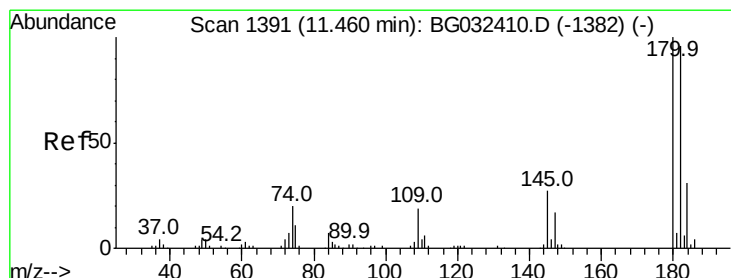
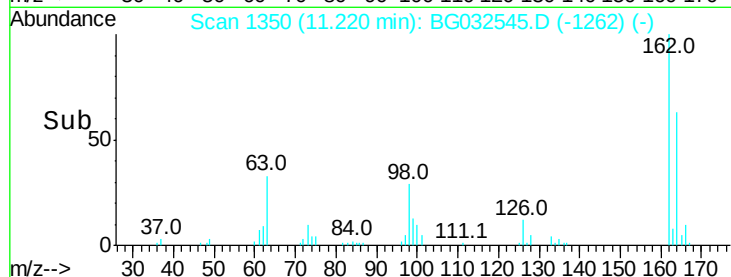
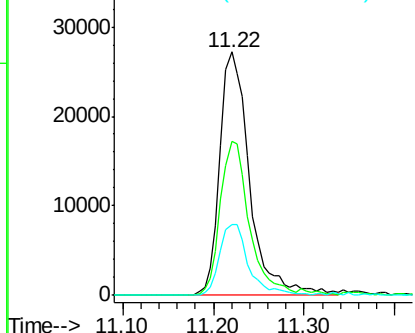
#29
2,4-Dichlorophenol
Concen: 39.143 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.0	88.0
98	29.3	21.1	61.1

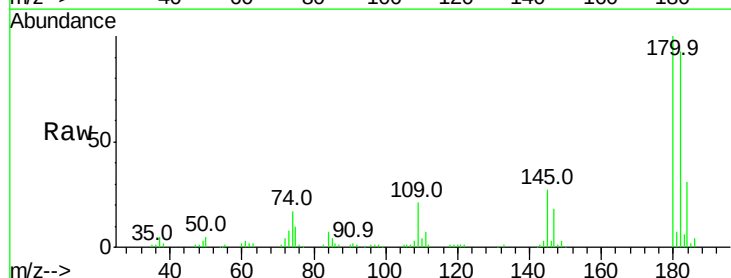


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

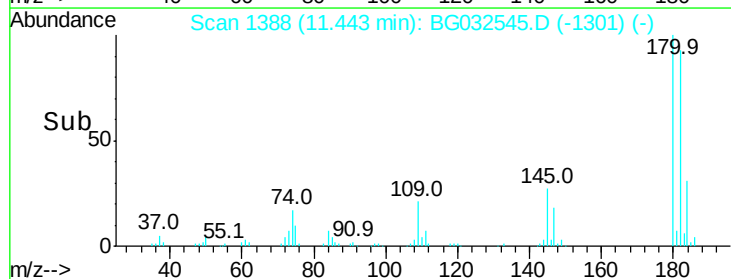
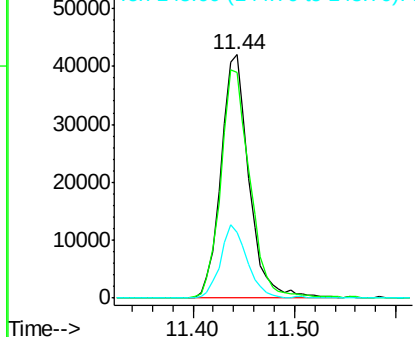


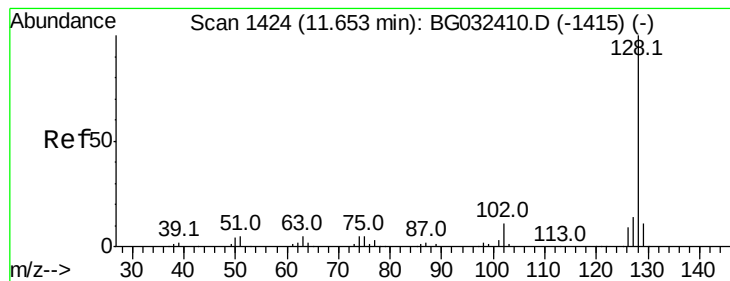
#30
1,2,4-Trichlorobenzene
Concen: 37.945 ng
RT: 11.44 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.5	116.3
145	27.0	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.107 ng

RT: 11.64 min Scan# 1421

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampled :

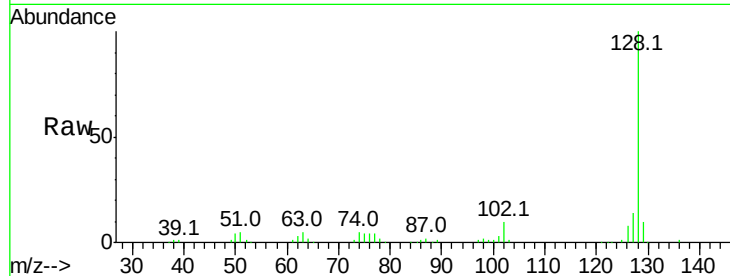
Tot Ion:128 Resp: 179817

Ion Ratio Lower Upper

128 100

129 9.6 8.6 12.8

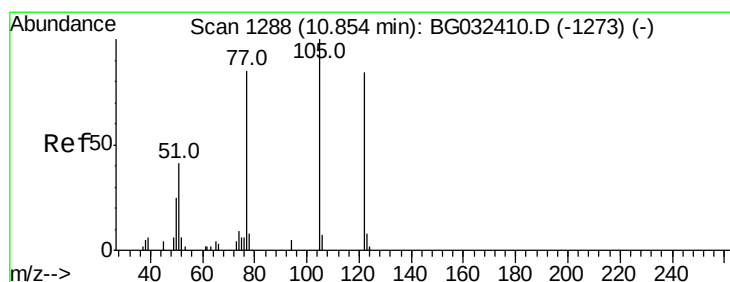
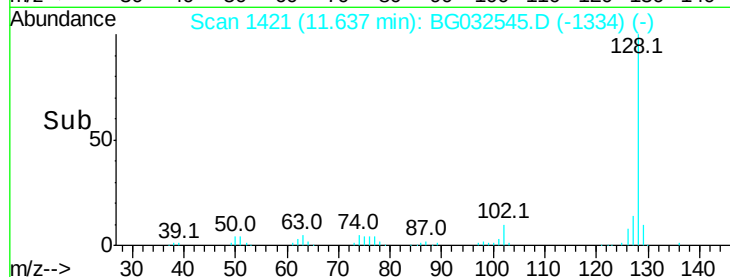
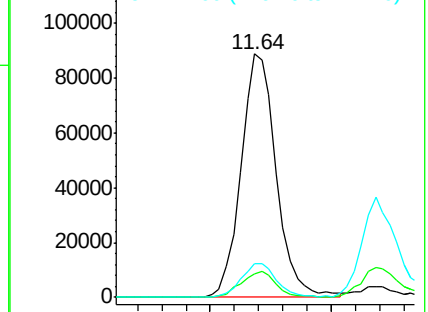
127 13.7 11.6 17.4



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: 32.170 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

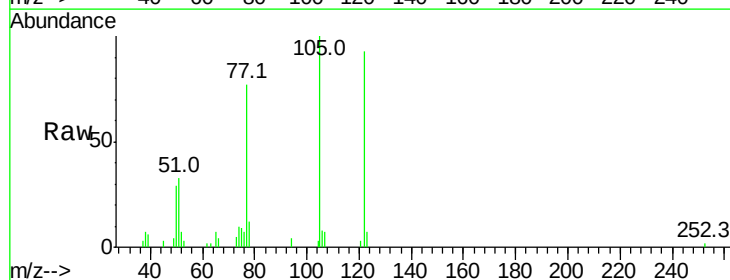
Tgt Ion:122 Resp: 26330

Ion Ratio Lower Upper

122 100

105 107.4 123.5 163.5#

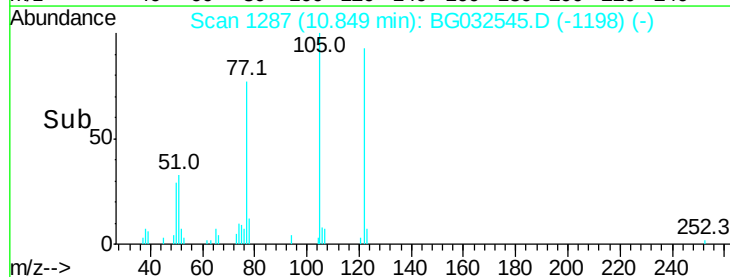
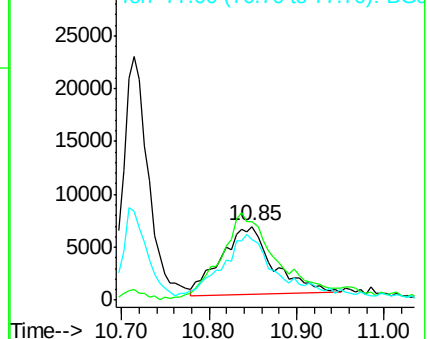
77 83.1 85.7 125.7#

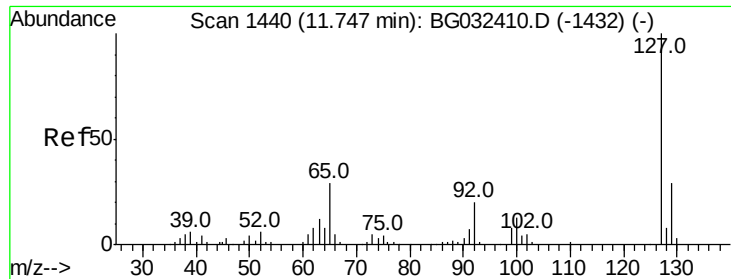


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

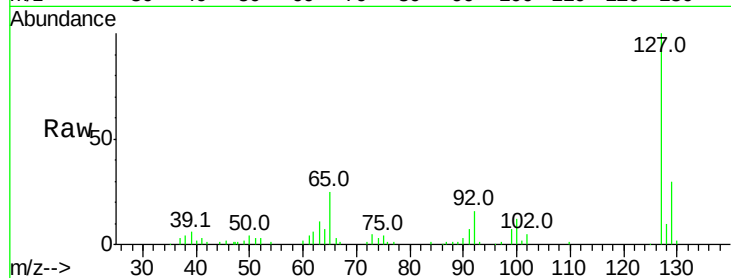




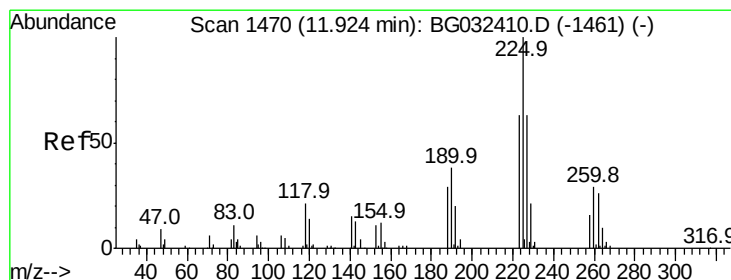
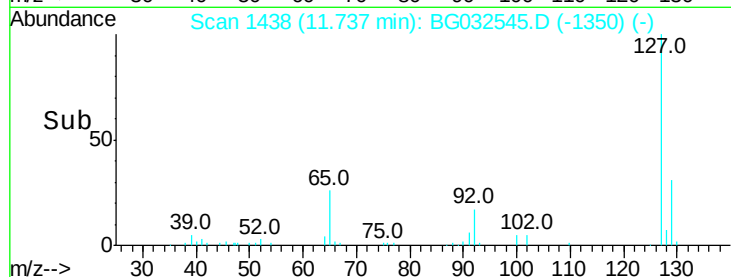
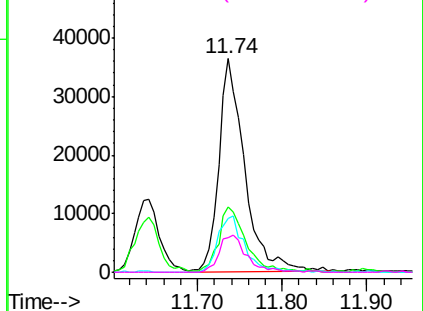
#33
 4-Chloroaniline
 Concen: 39.689 ng
 RT: 11.74 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	77435
Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.0	36.0
65	25.4	27.0	40.4#
92	16.4	16.6	25.0#

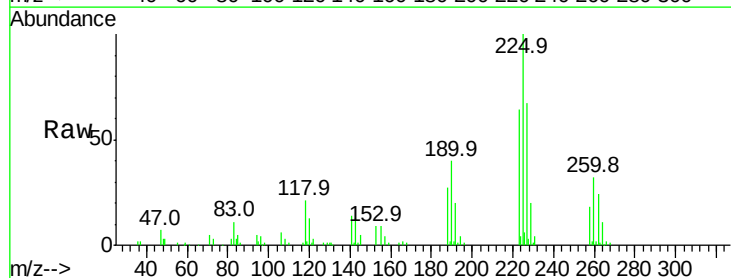


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

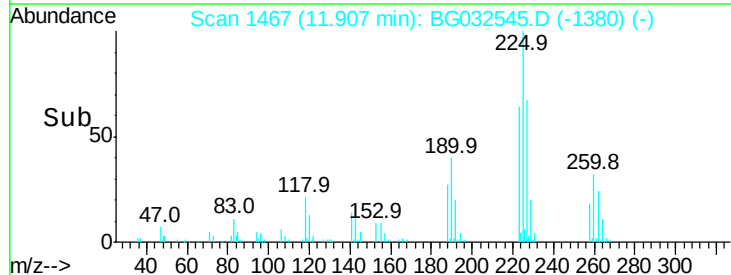
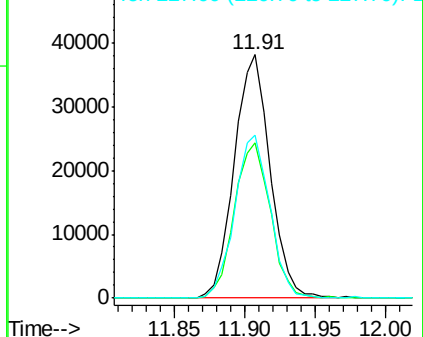


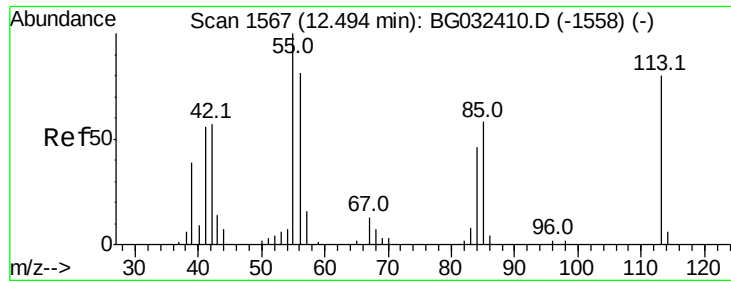
#34
 Hexachlorobutadiene
 Concen: 40.943 ng
 RT: 11.91 min Scan# 1467
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion:	225	Resp:	67664
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	66.8	48.1	72.1



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





#35

Caprolactam

Concen: 37.507 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

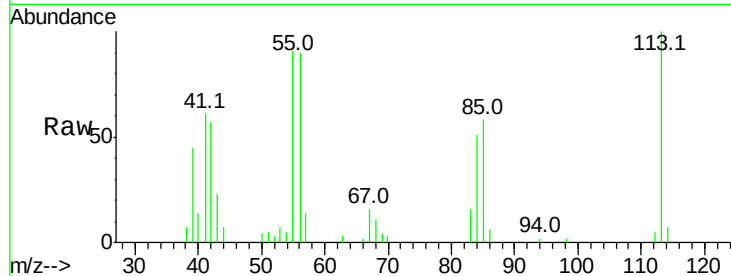
Tot Ion:113 Resp: 17160

Ion Ratio Lower Upper

113 100

55 91.0 186.9 226.9#

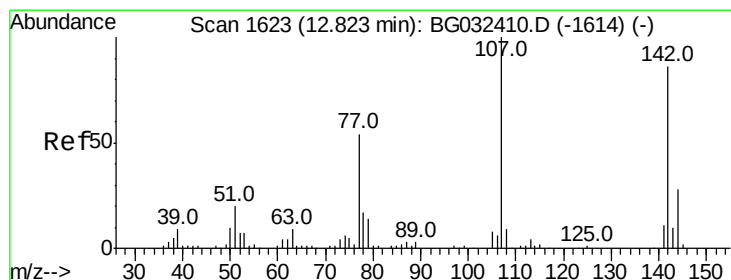
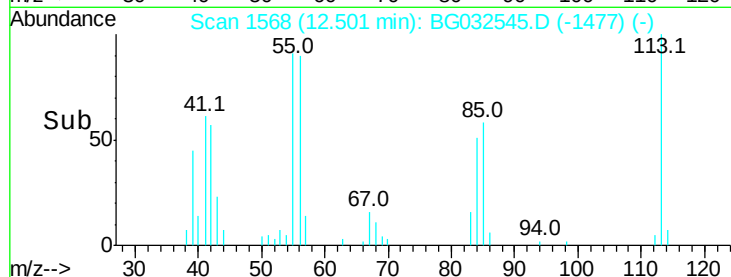
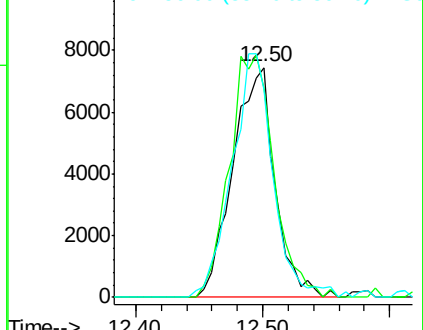
56 90.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.383 ng

RT: 12.82 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

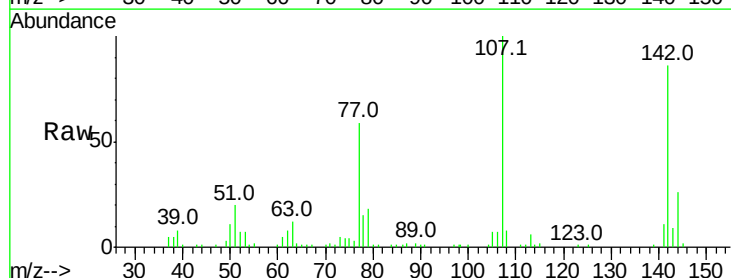
Tgt Ion:107 Resp: 59536

Ion Ratio Lower Upper

107 100

144 25.6 18.2 27.4

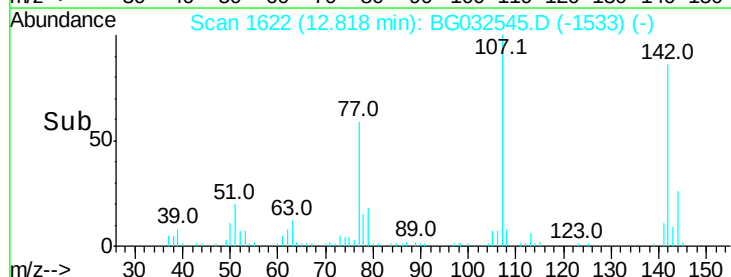
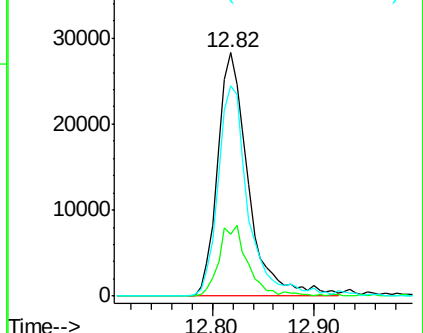
142 86.5 59.0 88.4

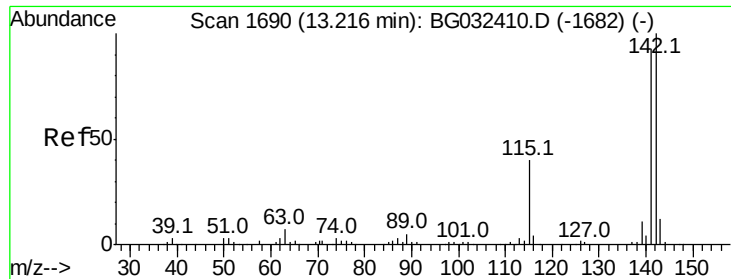


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

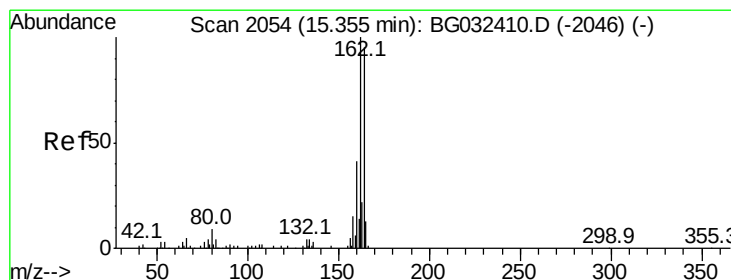
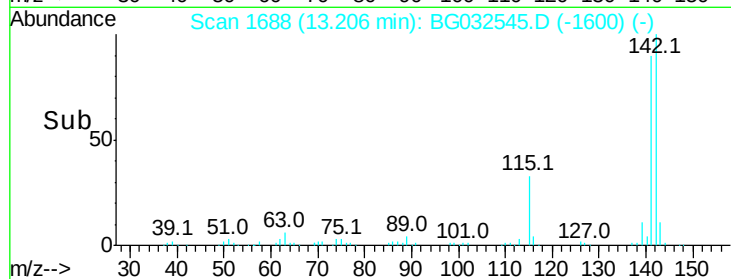
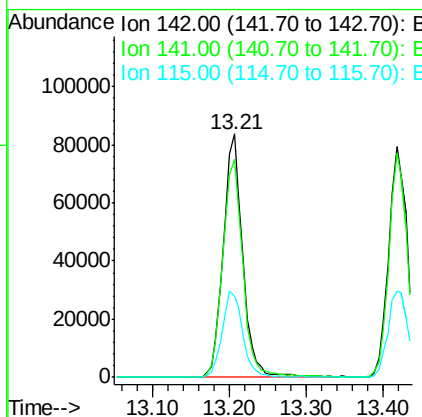
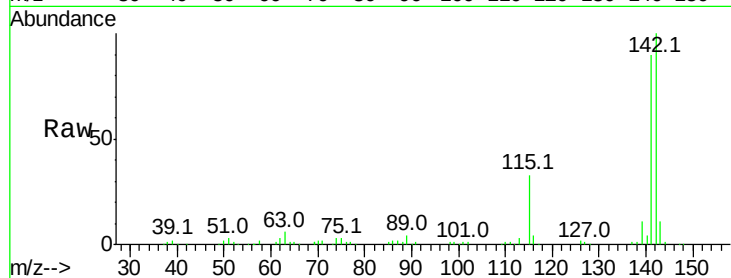




#37
 2-Methylnaphthalene
 Concen: 40.221 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

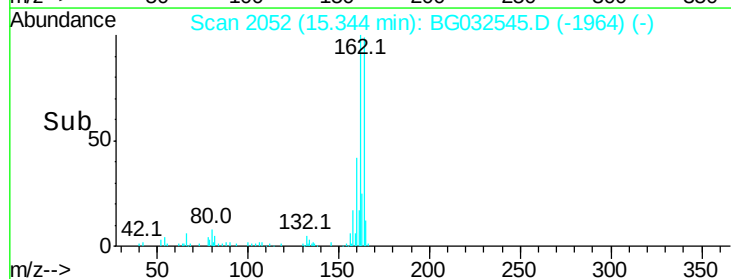
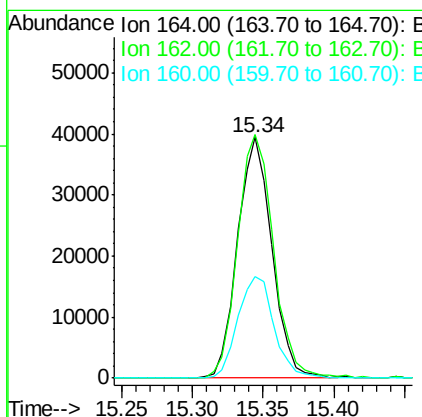
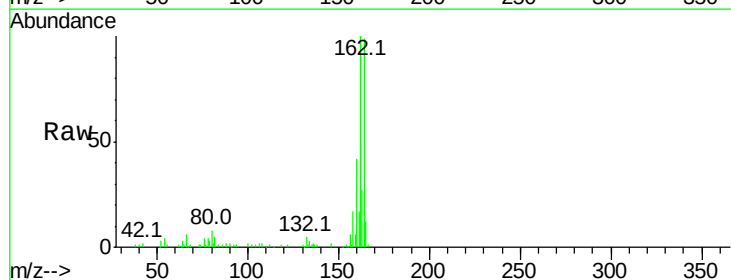
Instrument :
 BNA_G
 ClientSampled :

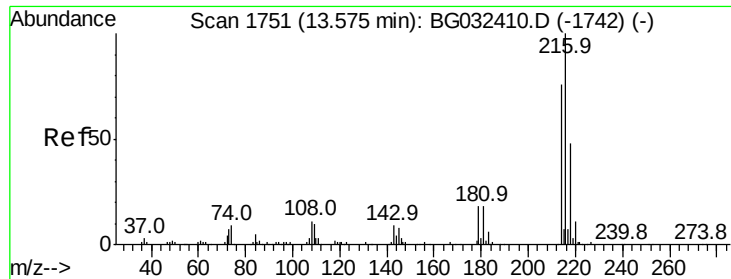
Tot Ion:142 Resp: 147810
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.1 100.7
 115 33.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion:164 Resp: 67099
 Ion Ratio Lower Upper
 164 100
 162 101.1 78.8 118.2
 160 42.4 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.229 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 120004

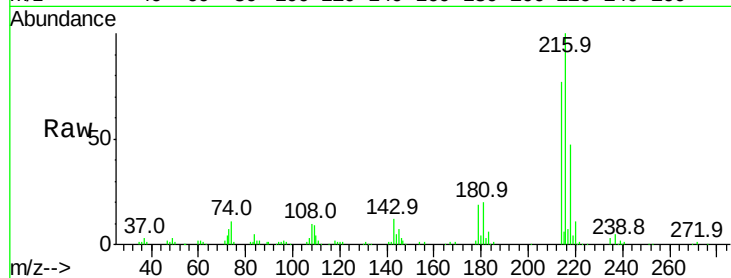
Ion Ratio Lower Upper

216 100

214 76.1 63.0 94.4

179 18.3 17.0 25.6

108 11.6 12.8 19.2#

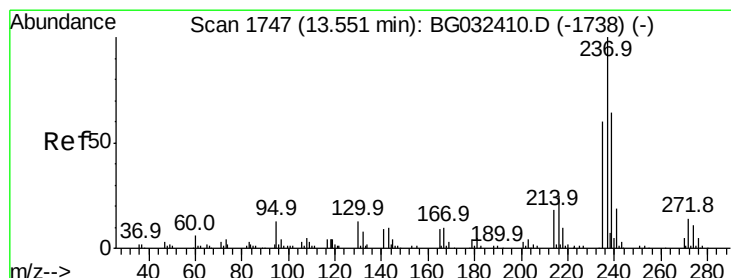
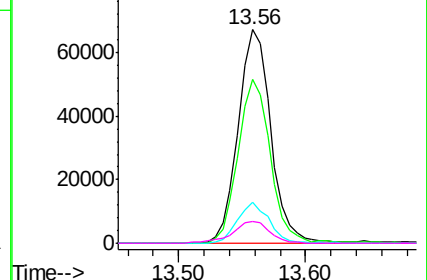
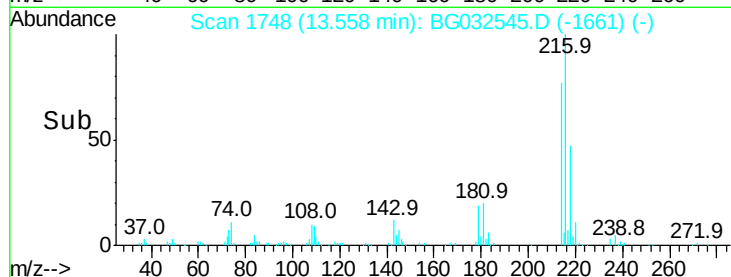


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.879 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

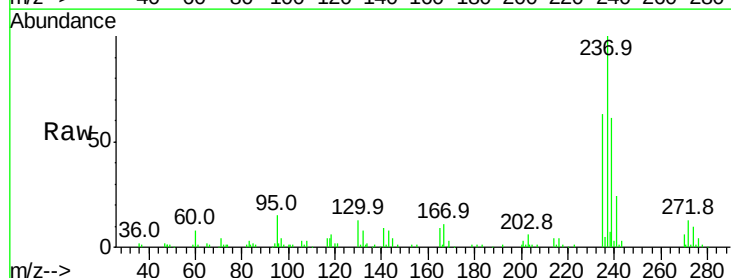
Tgt Ion:237 Resp: 72331

Ion Ratio Lower Upper

237 100

235 63.4 50.4 90.4

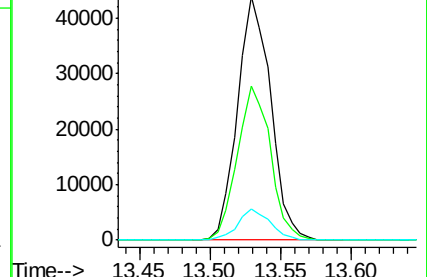
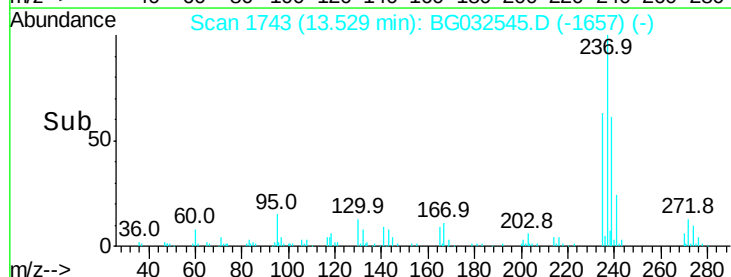
272 12.5 0.0 31.8

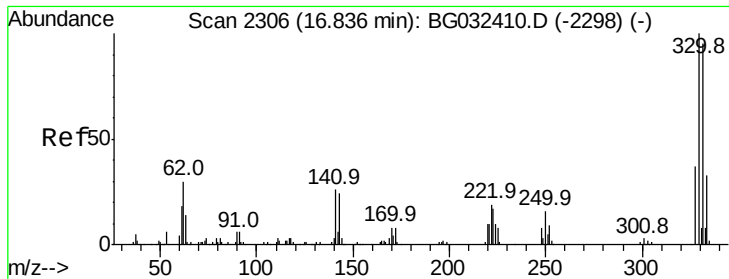


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

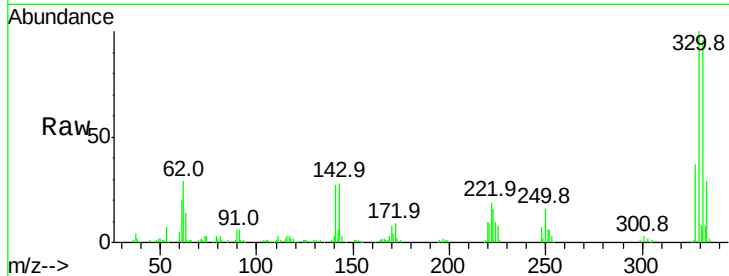




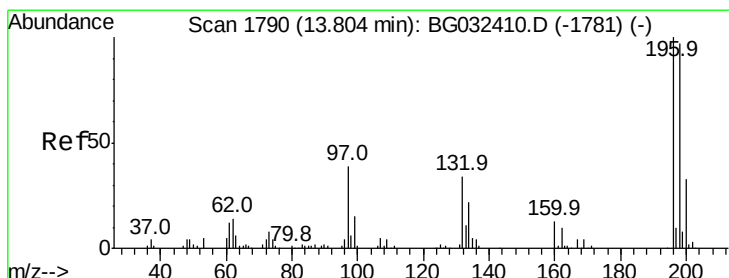
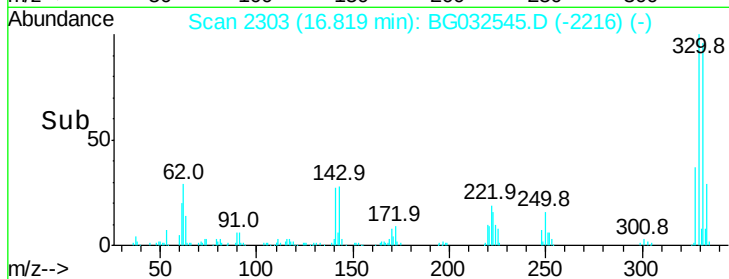
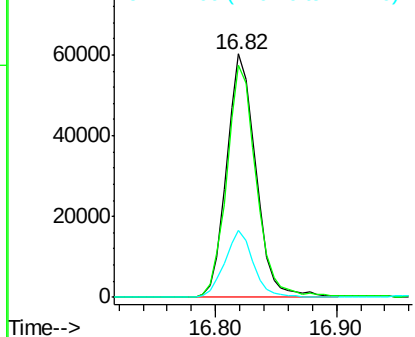
#41
 2,4,6-Tribromophenol
 Concen: 79.428 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 101448
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 26.8 25.2 37.8

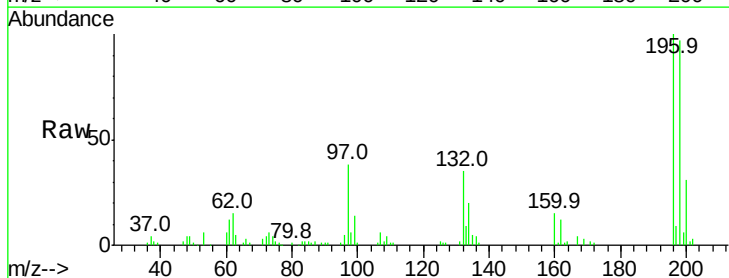


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

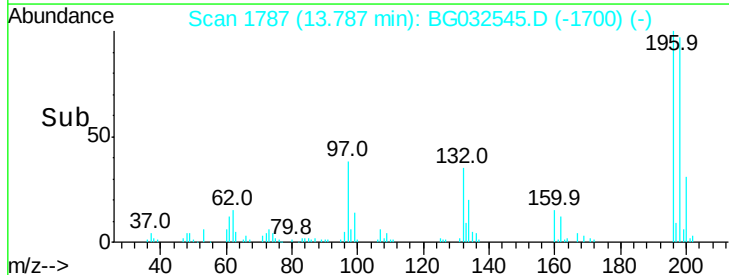
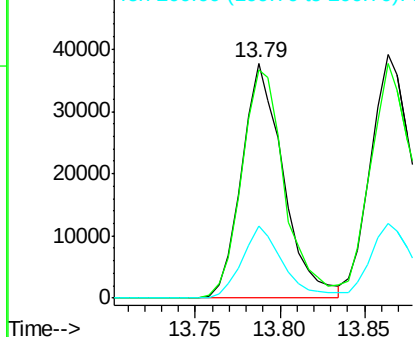


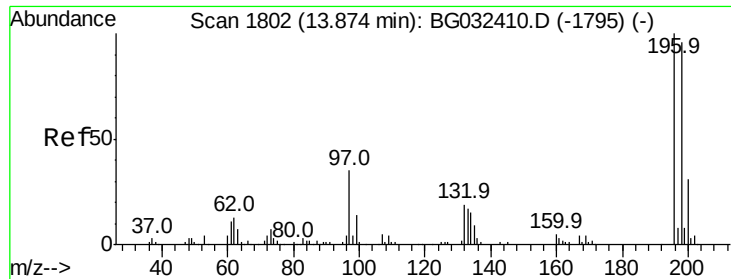
#42
 2,4,6-Trichlorophenol
 Concen: 37.855 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion:196 Resp: 64637
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.2 117.2
 200 30.7 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

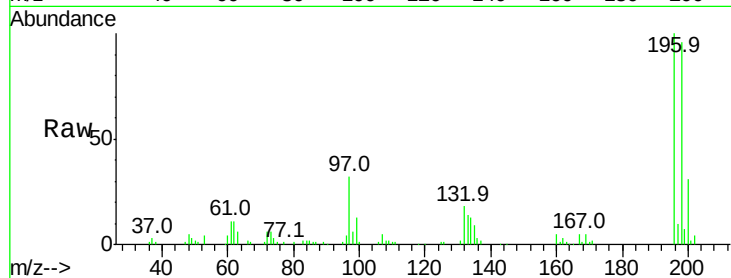




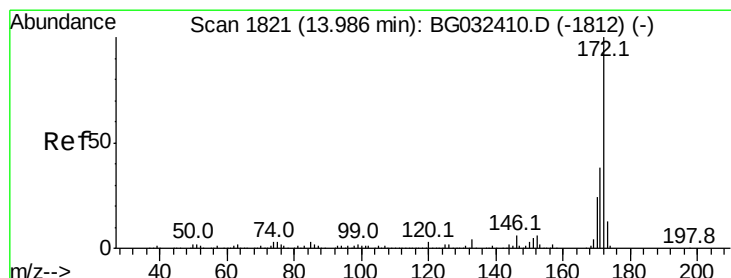
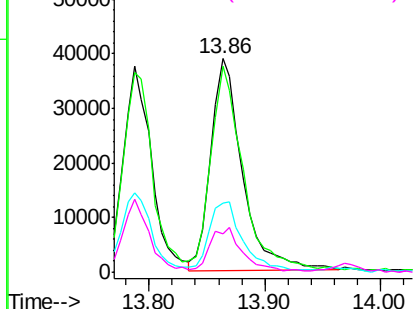
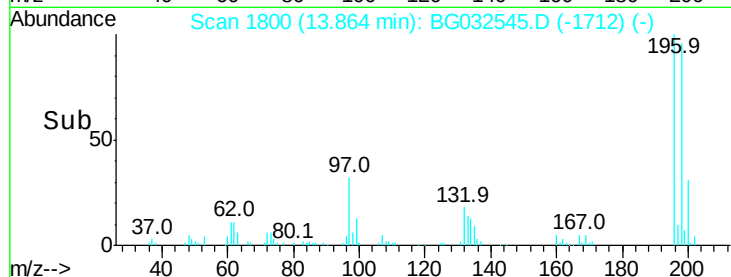
#43
 2,4,5-Trichlorophenol
 Concen: 37.160 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.4
97	32.3	38.7	58.1#
132	18.2	20.2	30.2#

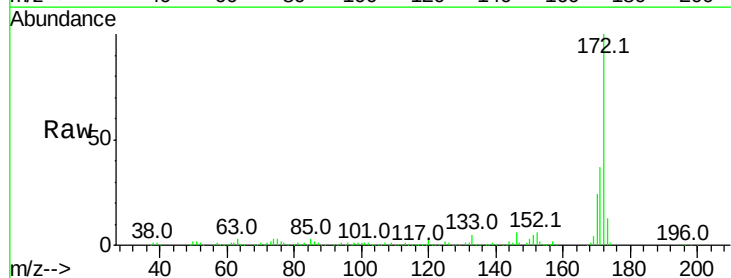


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

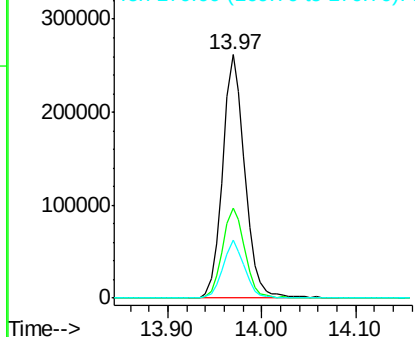
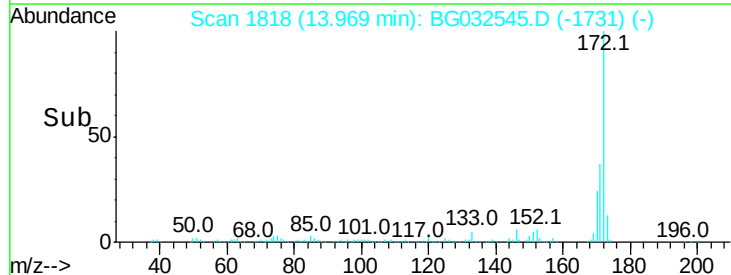


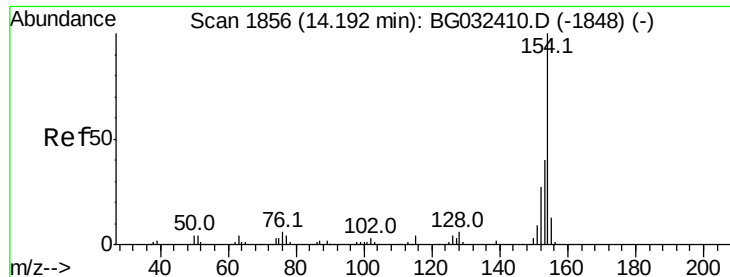
#44
 2-Fluorobiphenyl
 Concen: 76.169 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.7	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: 39.873 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

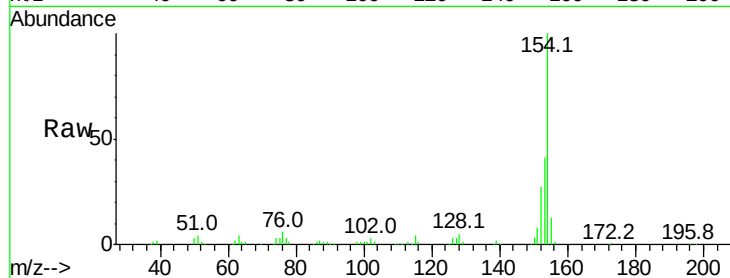
Tot Ion:154 Resp: 226038

Ion Ratio Lower Upper

154 100

153 41.4 19.8 59.8

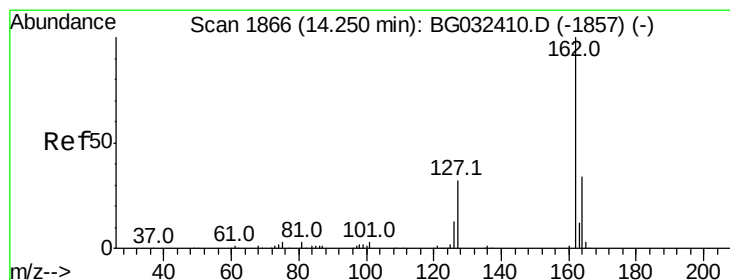
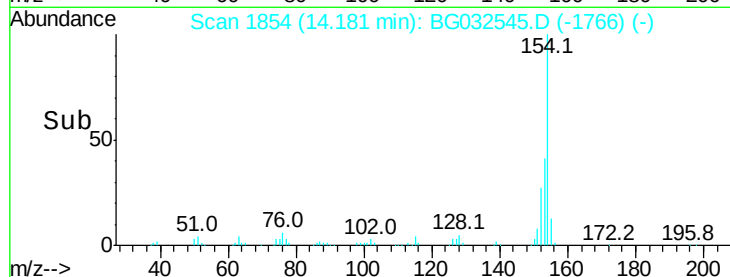
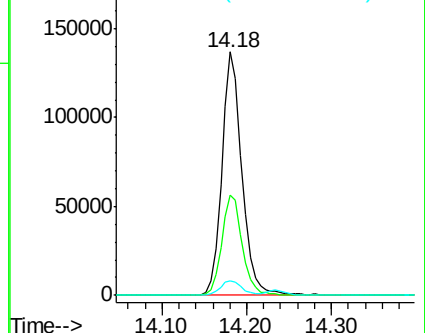
76 6.2 0.0 31.9



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: 39.075 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

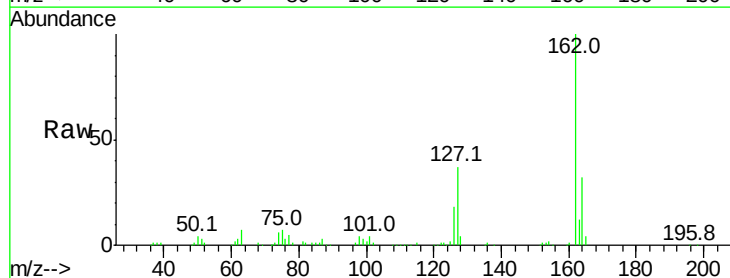
Tgt Ion:162 Resp: 173615

Ion Ratio Lower Upper

162 100

127 36.6 30.7 46.1

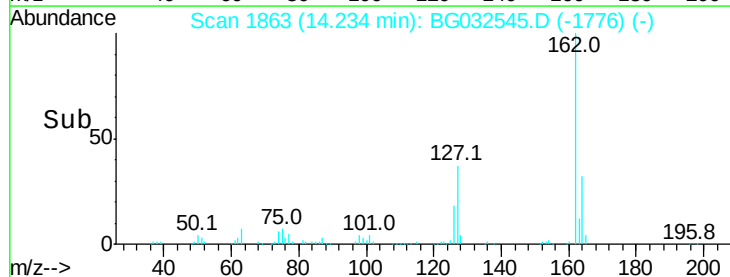
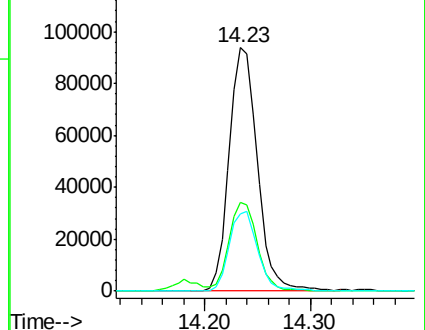
164 31.8 26.0 39.0

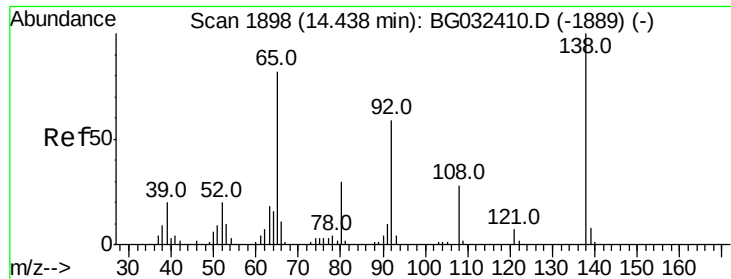


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

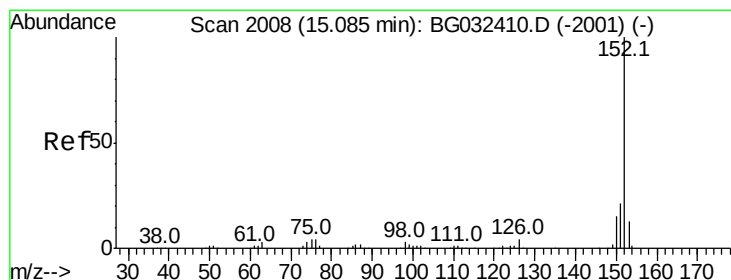
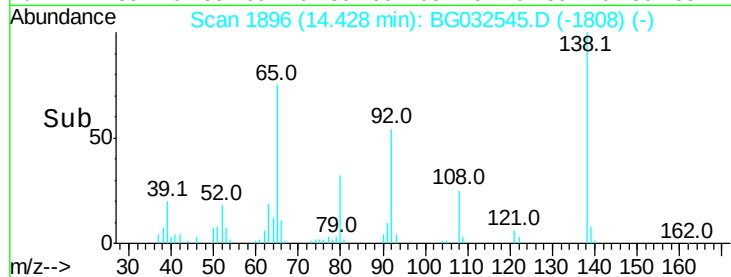
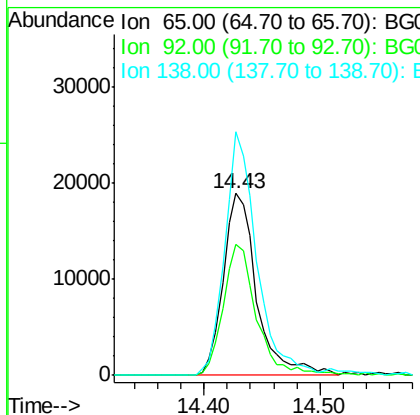
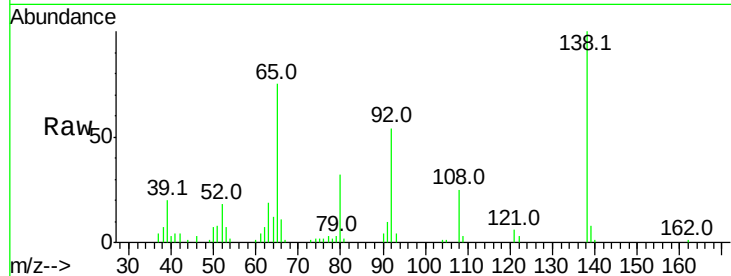




#47
2-Nitroaniline
Concen: 38.753 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

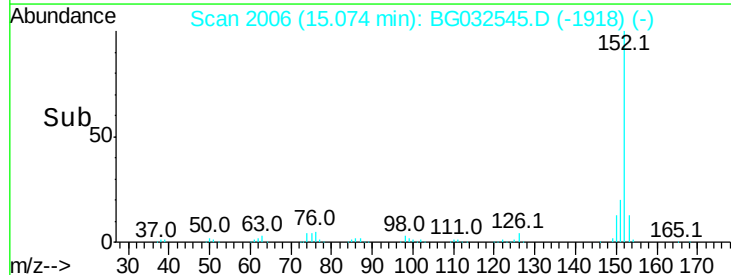
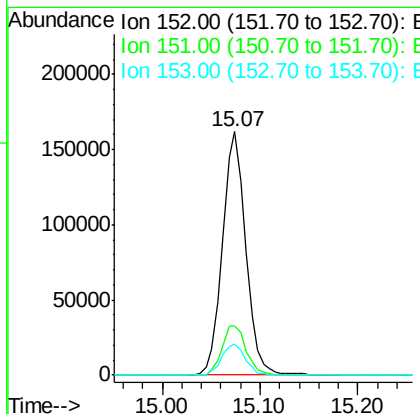
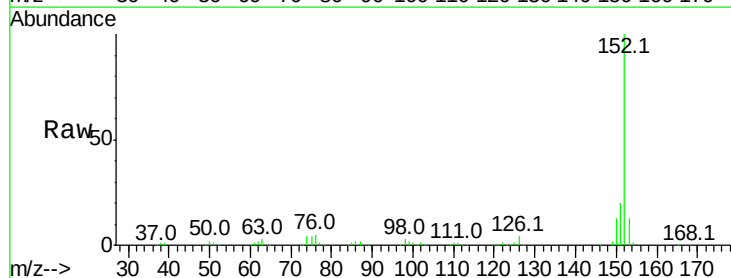
Instrument :
BNA_G
ClientSampleId :

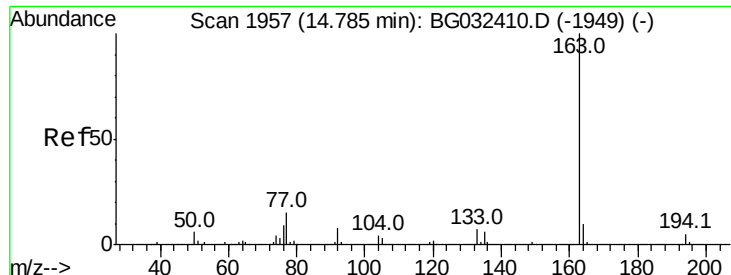
Tot Ion: 65 Resp: 38077
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 133.9 72.9 109.3#



#48
Acenaphthylene
Concen: 39.654 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion: 152 Resp: 266353
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 12.9 10.2 15.4





#49

Dimethylphthalate

Concen: 37.056 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

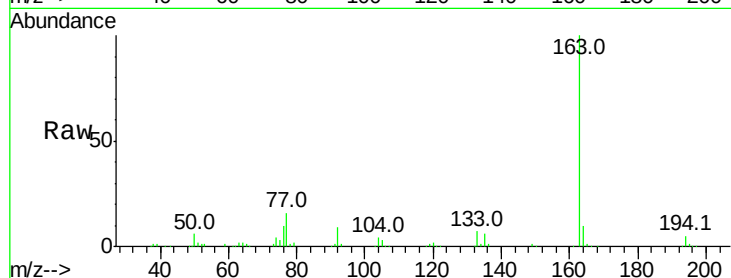
Tot Ion:163 Resp: 229262

Ion Ratio Lower Upper

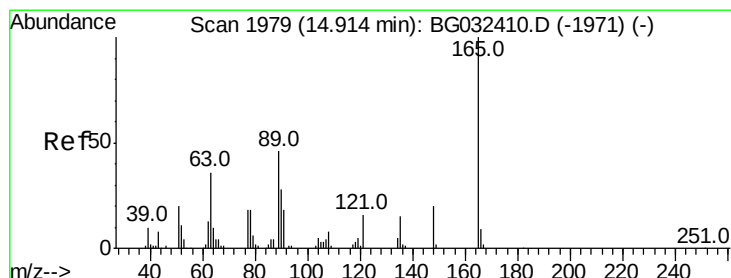
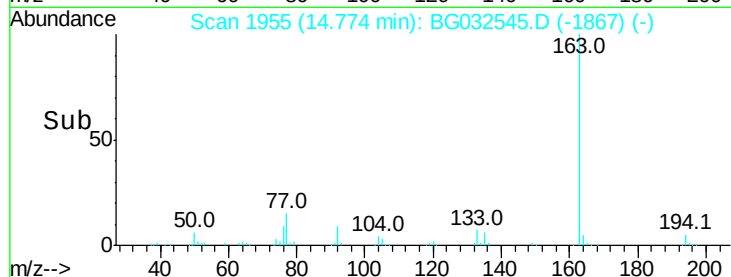
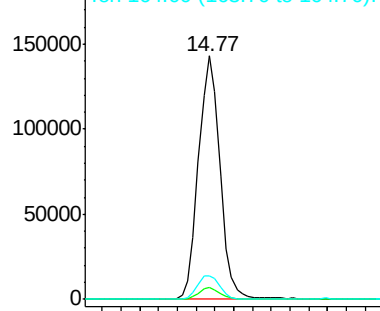
163 100

194 4.9 3.4 5.2

164 9.6 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: 37.355 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

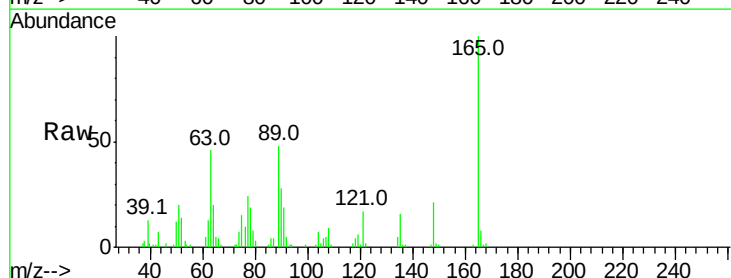
Tgt Ion:165 Resp: 48507

Ion Ratio Lower Upper

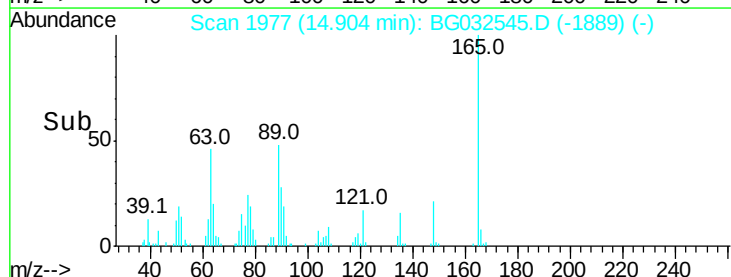
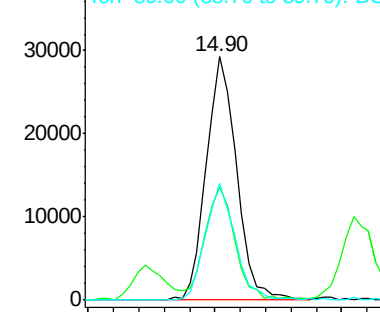
165 100

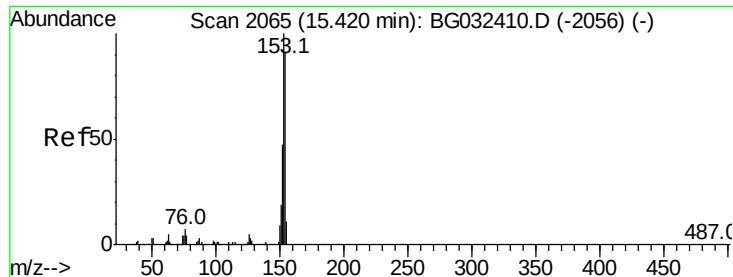
63 46.3 52.7 79.1#

89 47.8 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: 38.840 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

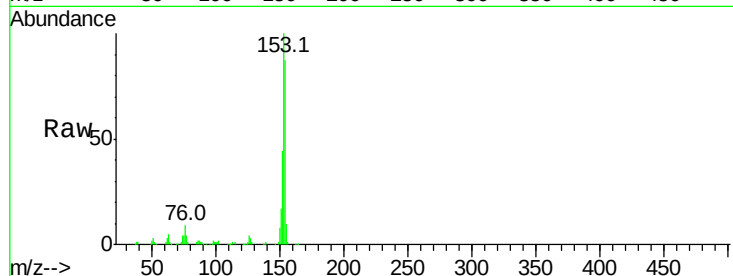
Tot Ion:154 Resp: 180930

Ion Ratio Lower Upper

154 100

153 114.4 90.4 135.6

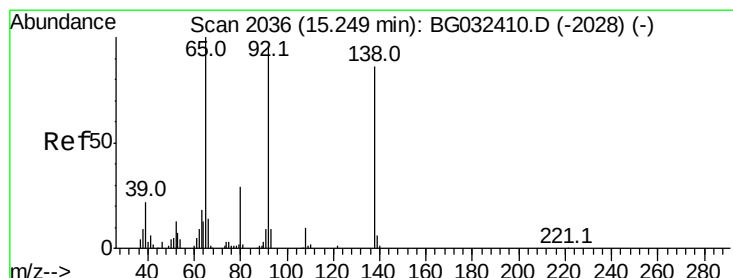
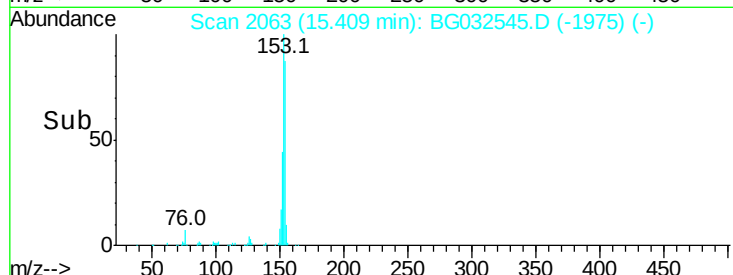
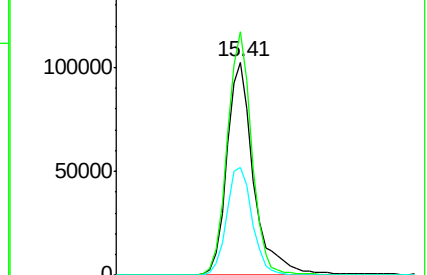
152 50.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.818 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

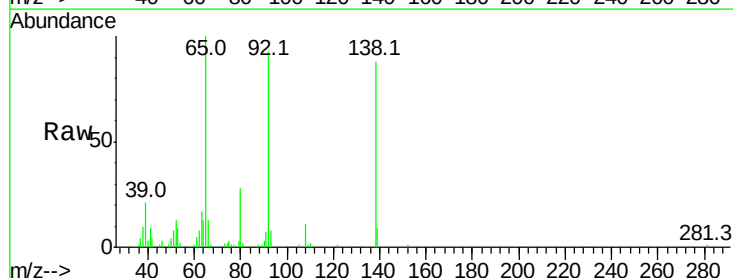
Tgt Ion:138 Resp: 44028

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

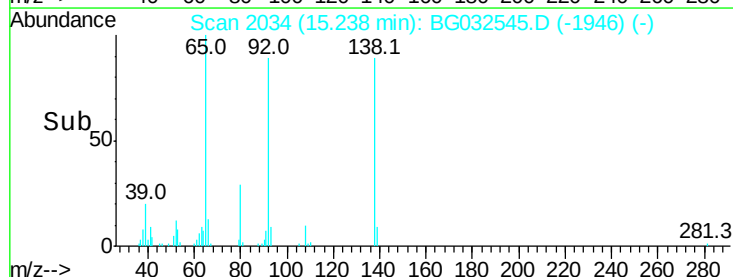
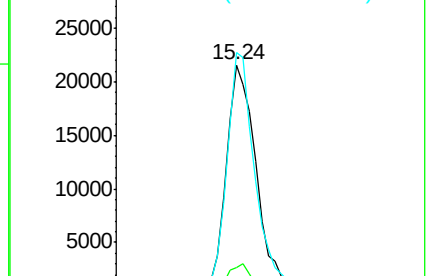
92 105.5 105.8 158.8#

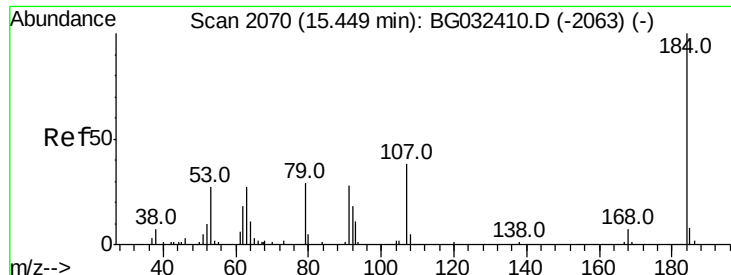


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

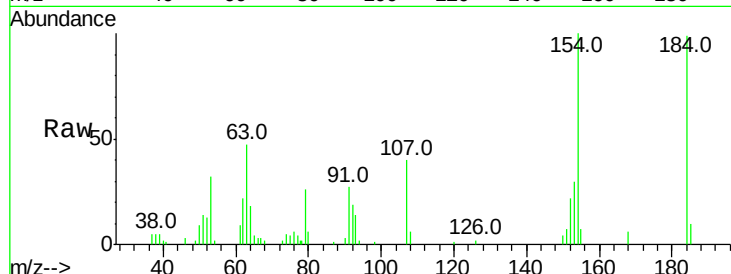




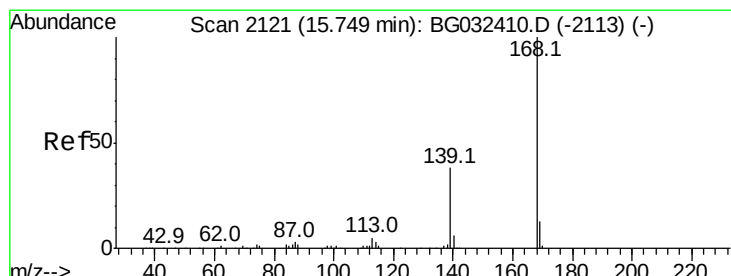
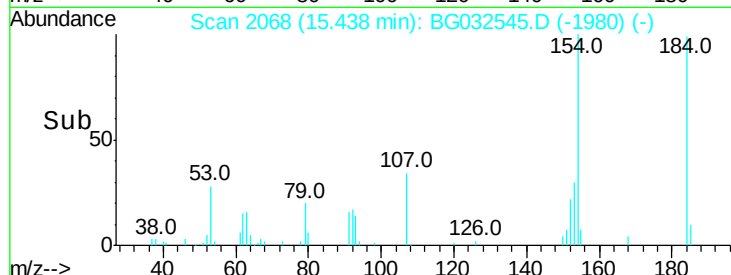
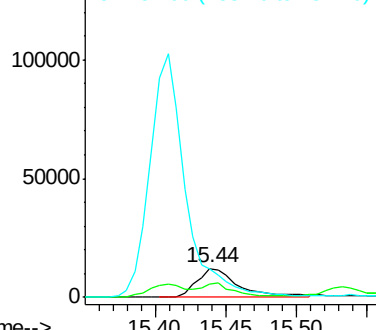
#53
 2,4-Dinitrophenol
 Concen: 33.484 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 25102
 Ion Ratio Lower Upper
 184 100
 63 47.0 59.8 89.8#
 154 100.6 101.8 152.8#

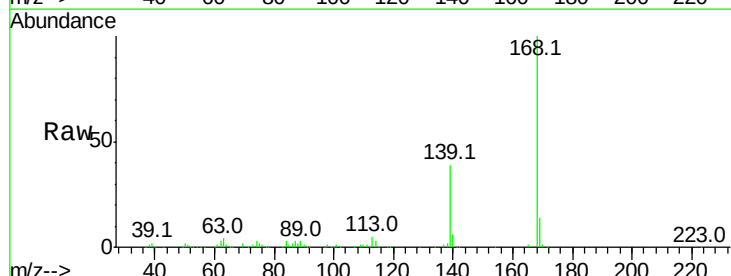


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

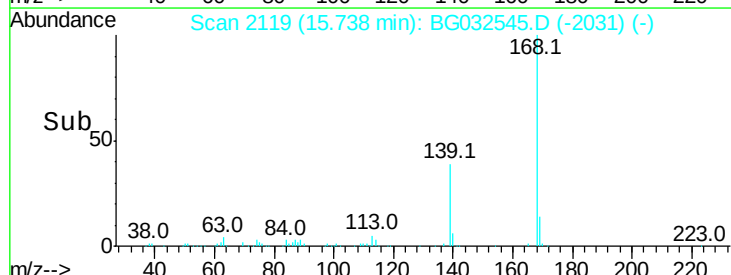
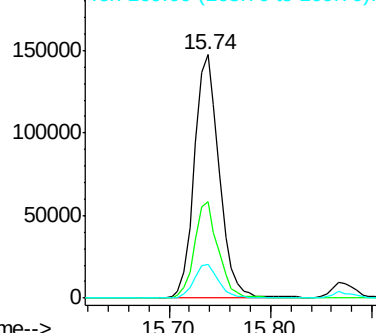


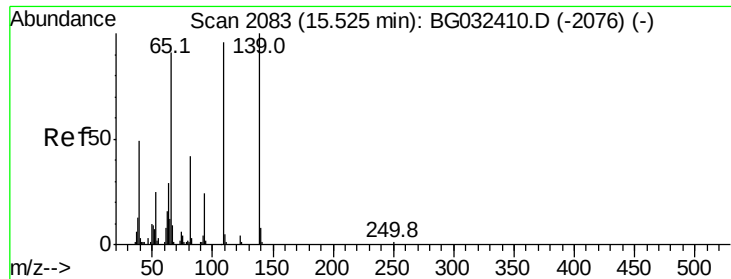
#54
 Dibenzofuran
 Concen: 36.486 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion:168 Resp: 251570
 Ion Ratio Lower Upper
 168 100
 139 39.5 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

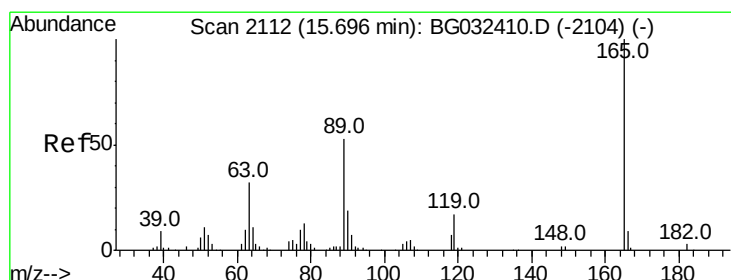
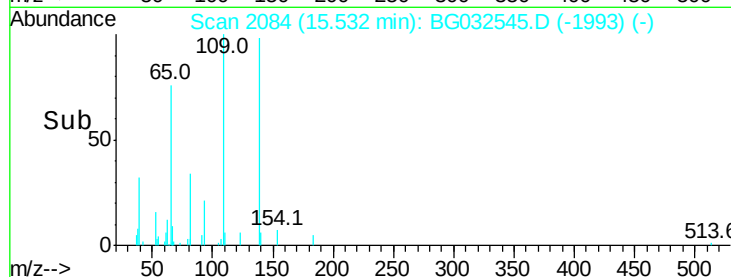
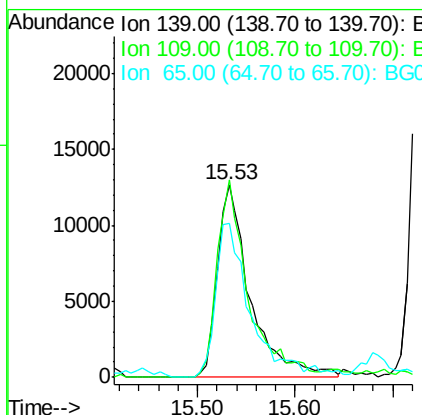
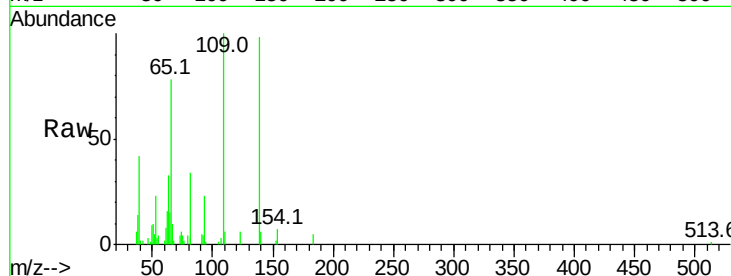




#55
4-Nitrophenol
Concen: 34.926 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

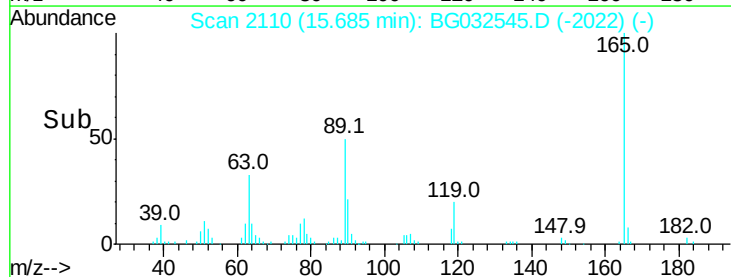
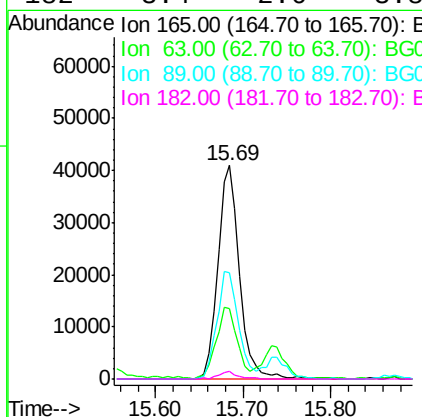
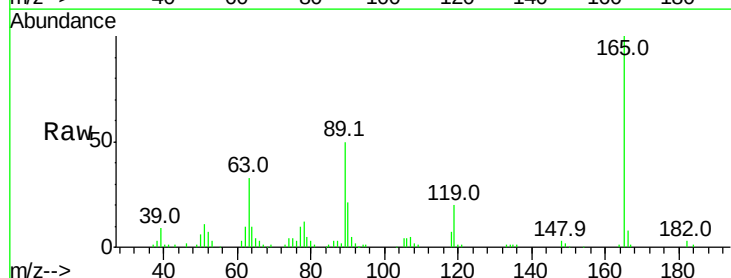
Instrument :
BNA_G
ClientSampleId :

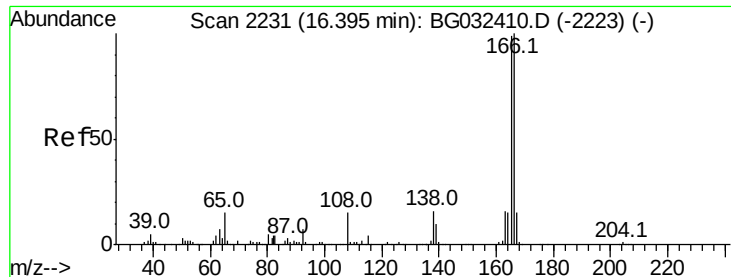
Tot Ion:139 Resp: 29657
Ion Ratio Lower Upper
139 100
109 102.3 62.2 102.2#
65 79.9 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 37.847 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion:165 Resp: 69974
Ion Ratio Lower Upper
165 100
63 33.0 42.0 63.0#
89 49.6 66.9 100.3#
182 3.4 2.6 3.8

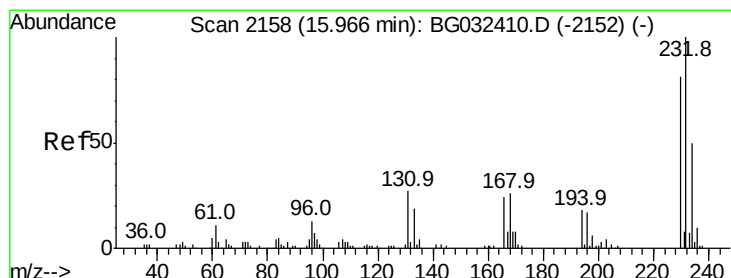
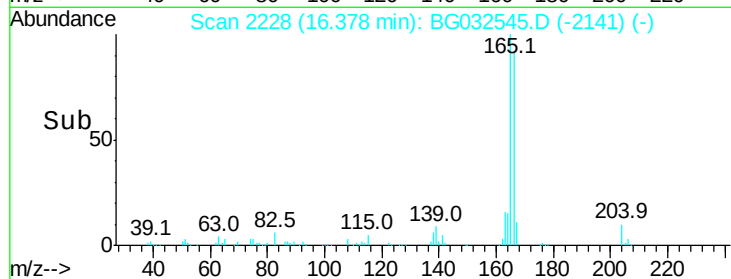
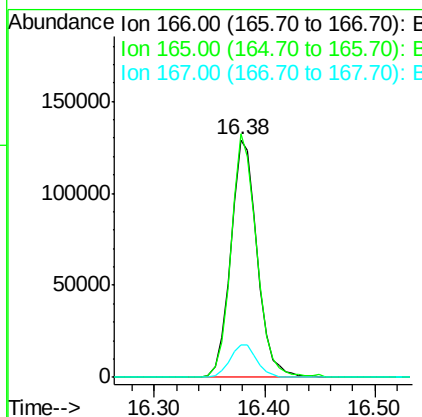
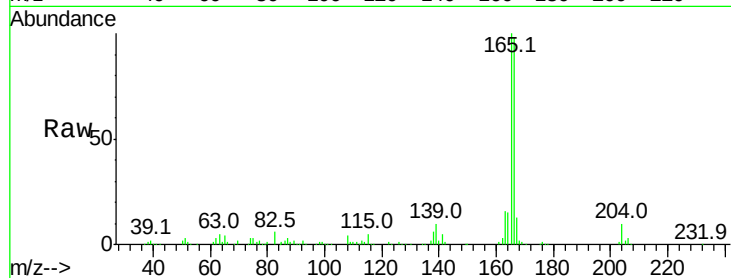




#57
 Fluorene
 Concen: 37.746 ng
 RT: 16.38 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

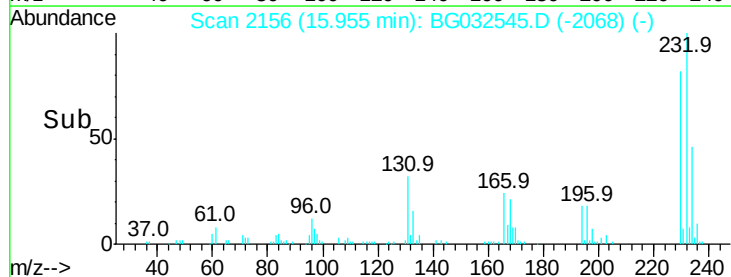
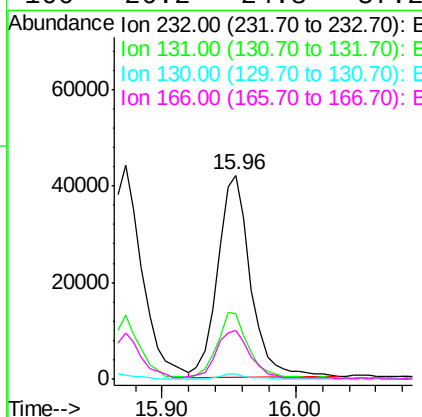
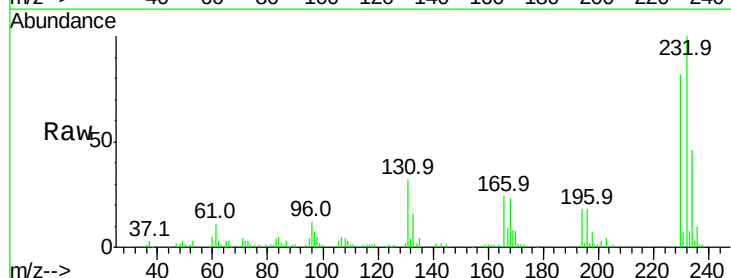
Instrument :
 BNA_G
 ClientSampleId :

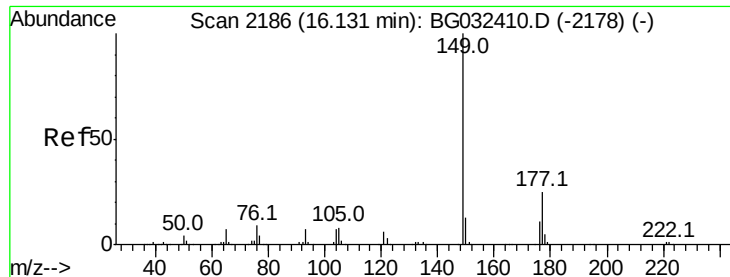
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.6	121.0
167	13.8	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.733 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.7	33.5	50.3#
130	2.1	2.2	3.2#
166	26.2	24.8	37.2





#59

Diethylphthalate

Concen: 37.592 ng

RT: 16.11 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

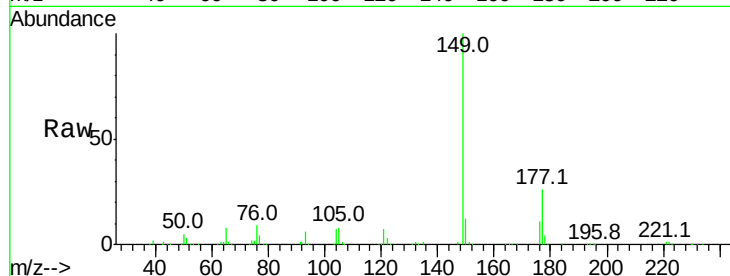
Tot Ion:149 Resp: 226518

Ion Ratio Lower Upper

149 100

177 25.8 18.5 27.7

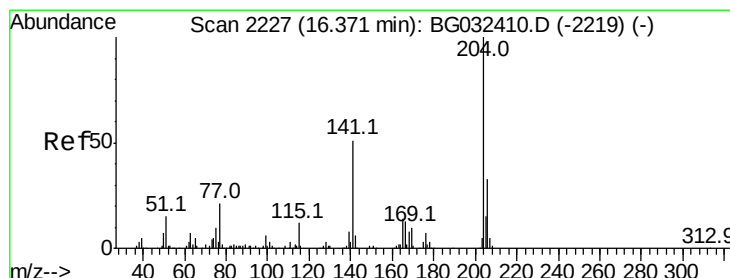
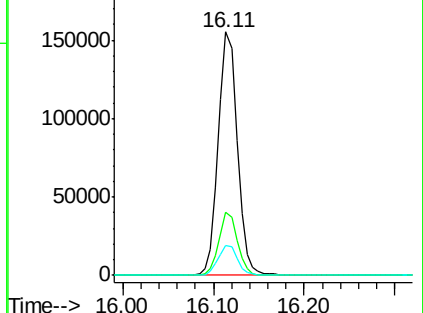
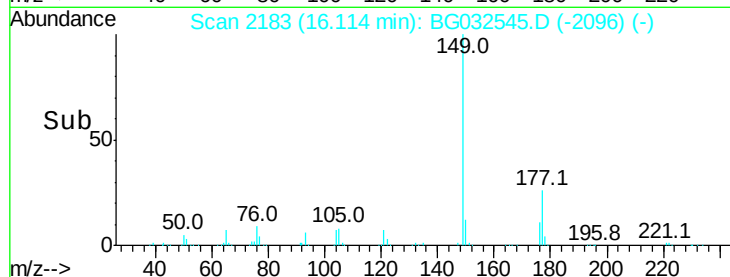
150 12.5 10.2 15.2



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: 37.326 ng

RT: 16.36 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

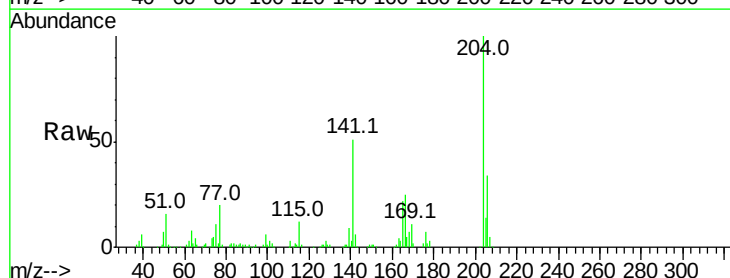
Tgt Ion:204 Resp: 134855

Ion Ratio Lower Upper

204 100

206 34.1 26.2 39.2

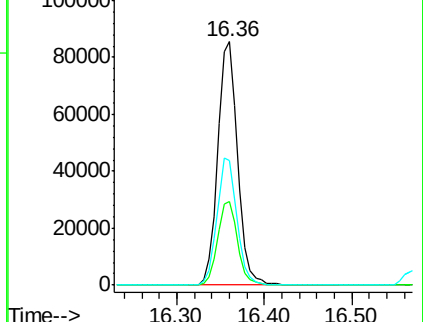
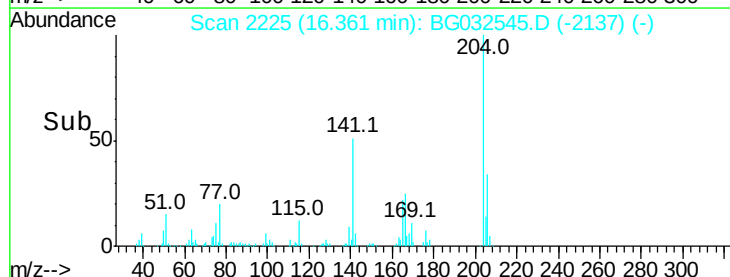
141 51.4 45.8 68.6

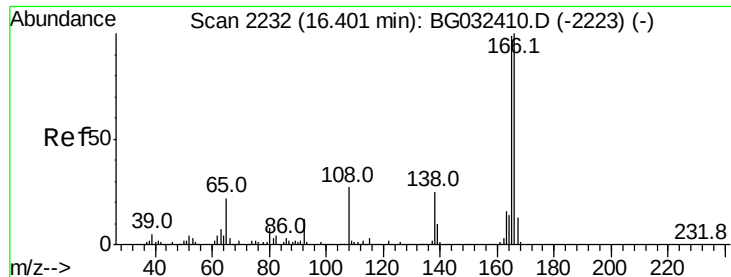


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

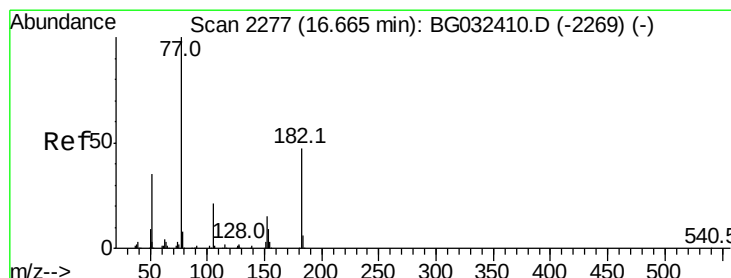
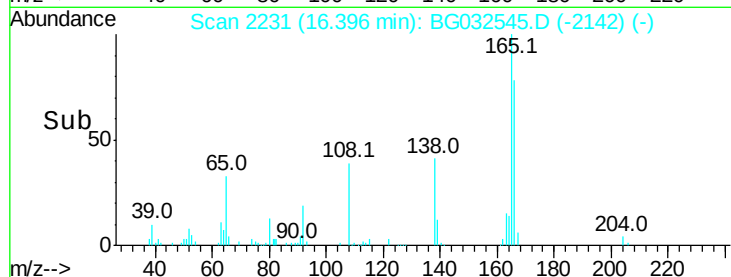
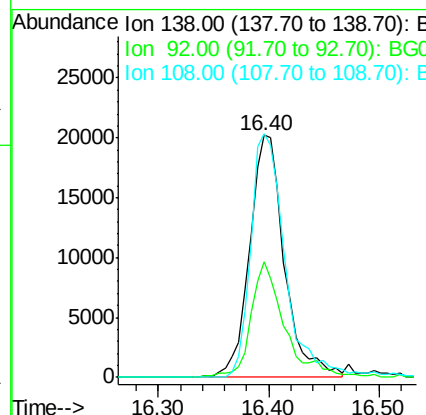
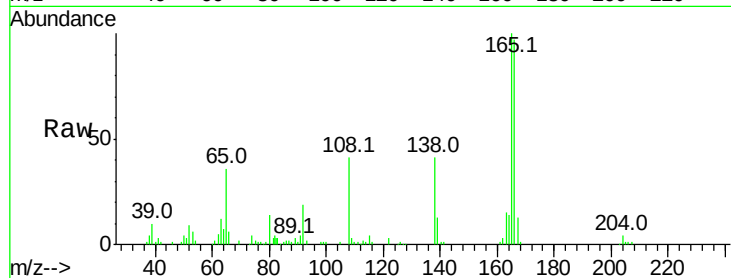




#61
4-Nitroaniline
Concen: 36.721 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

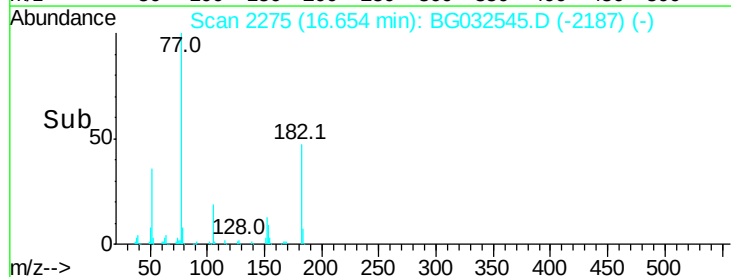
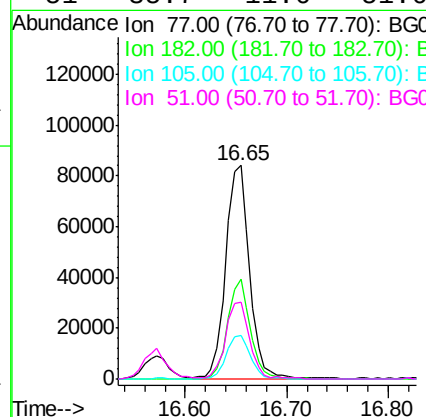
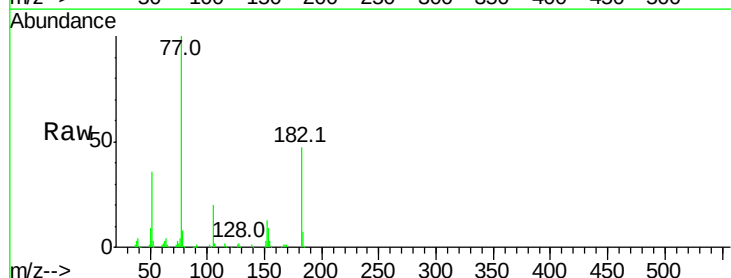
Instrument :
BNA_G
ClientSampled :

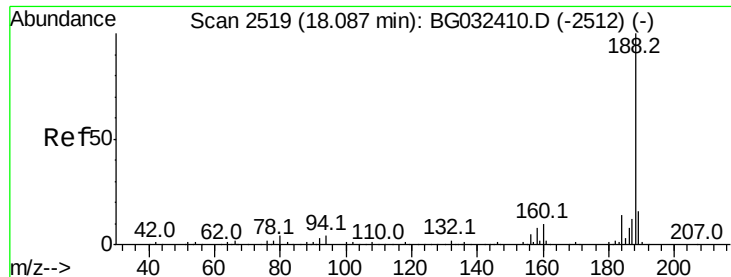
Tot Ion:138 Resp: 44641
Ion Ratio Lower Upper
138 100
92 47.7 40.1 80.1
108 100.6 65.4 105.4



#62
Azobenzene
Concen: 38.229 ng
RT: 16.65 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion: 77 Resp: 137662
Ion Ratio Lower Upper
77 100
182 46.5 7.4 47.4
105 20.4 0.3 40.3
51 35.7 11.6 51.6

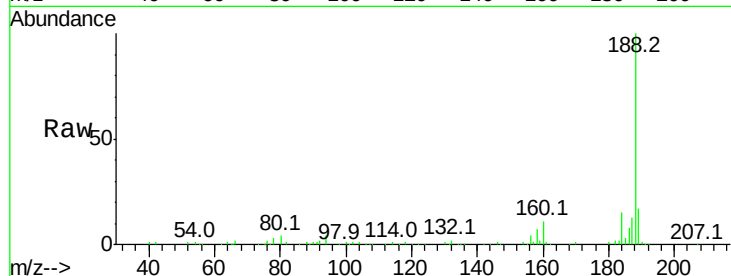




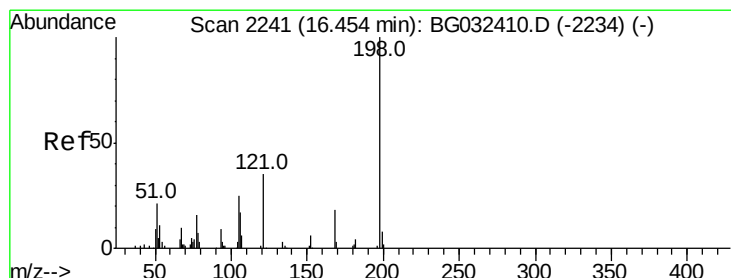
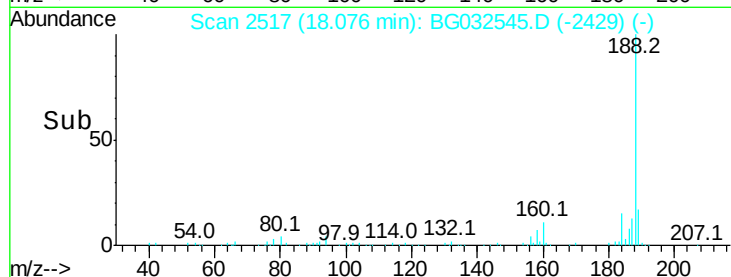
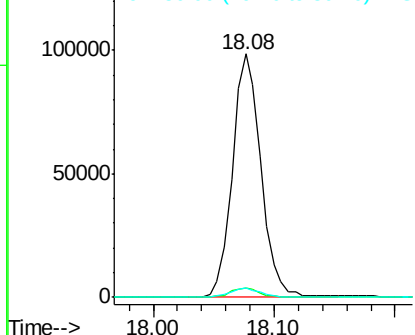
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 162088
 Ion Ratio Lower Upper
 188 100
 94 3.9 6.9 10.3#
 80 3.8 7.7 11.5#

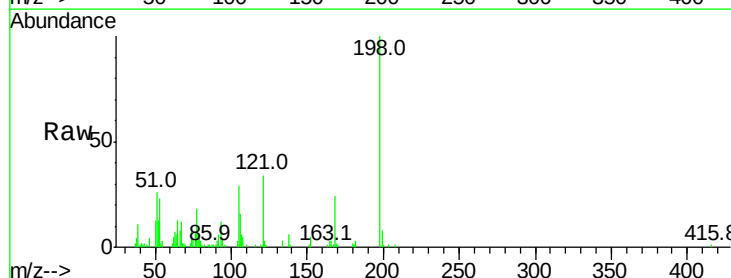


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

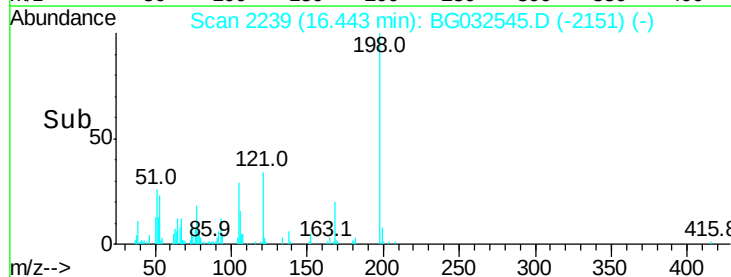
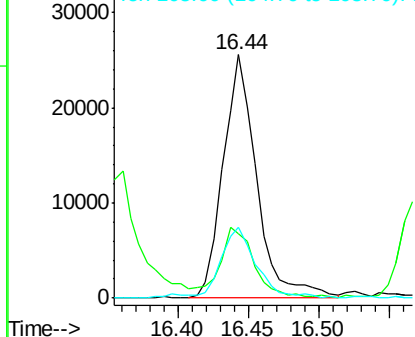


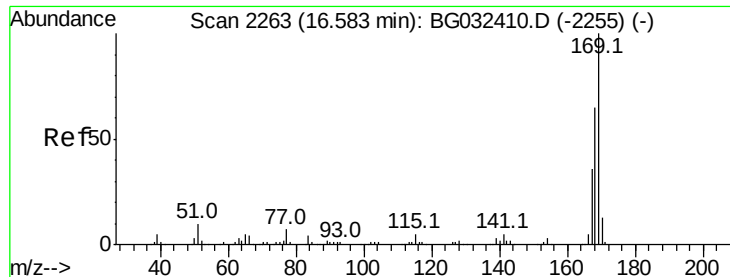
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.020 ng
 RT: 16.44 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion:198 Resp: 42406
 Ion Ratio Lower Upper
 198 100
 51 26.4 30.6 70.6#
 105 28.9 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: 39.582 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

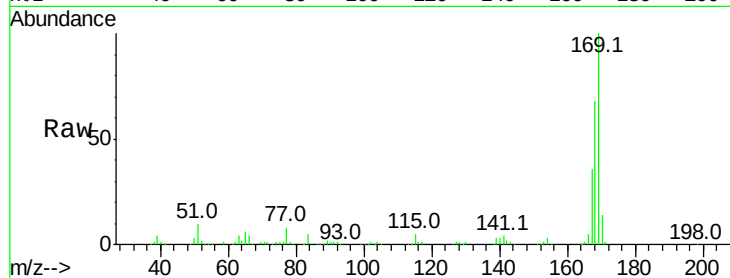
Tot Ion:169 Resp: 191469

Ion Ratio Lower Upper

169 100

168 67.6 55.7 83.5

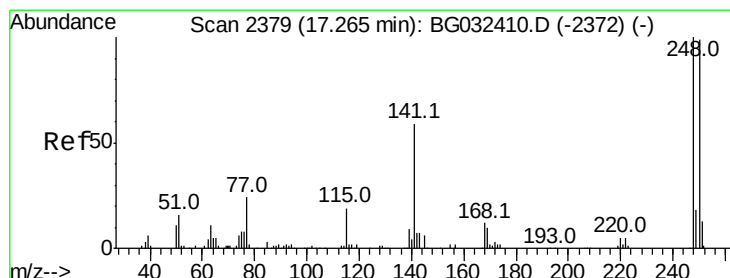
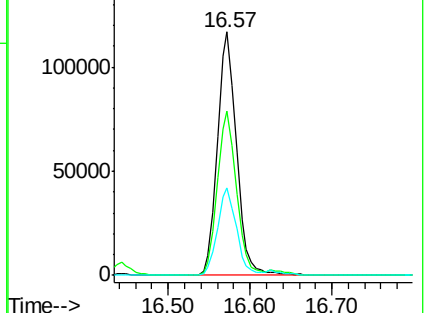
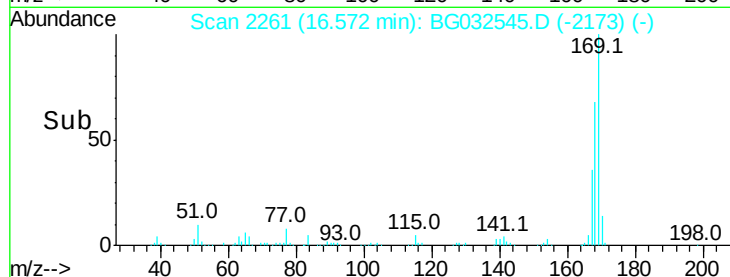
167 35.9 30.1 45.1



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: 40.688 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

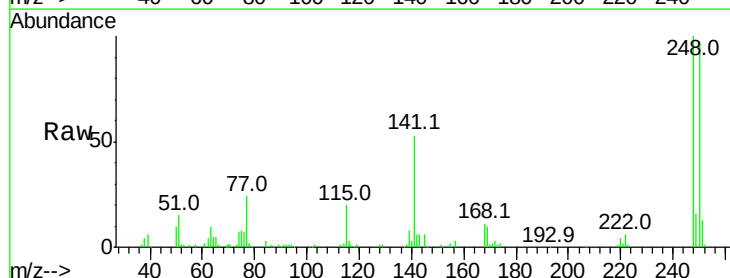
Tgt Ion:248 Resp: 97704

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

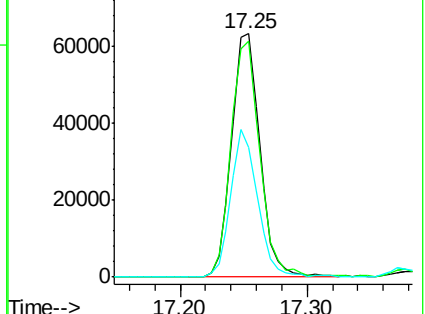
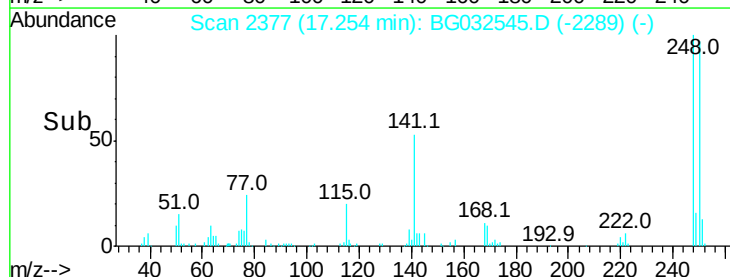
141 53.2 50.8 76.2

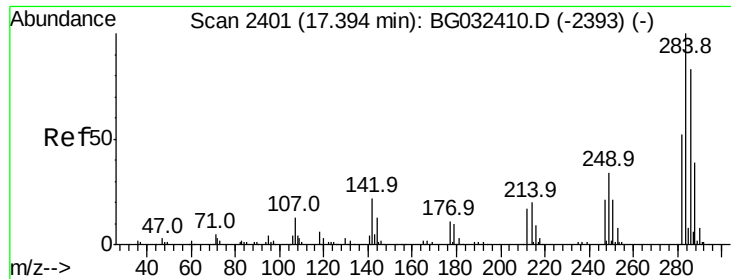


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

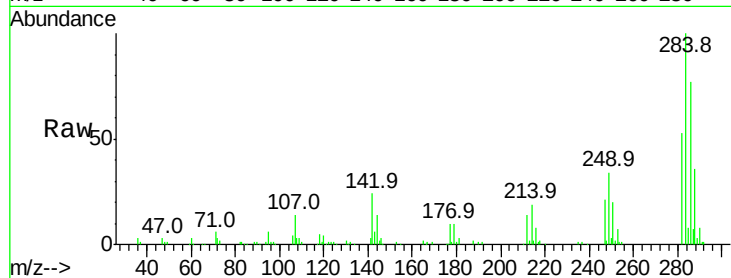




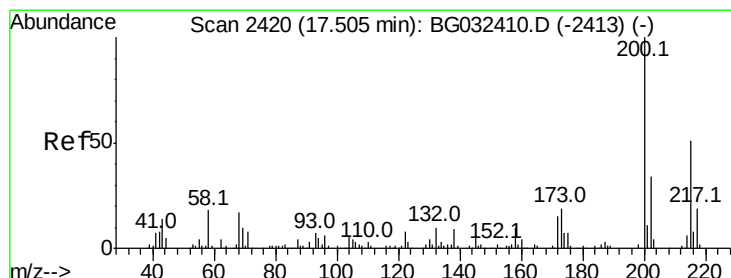
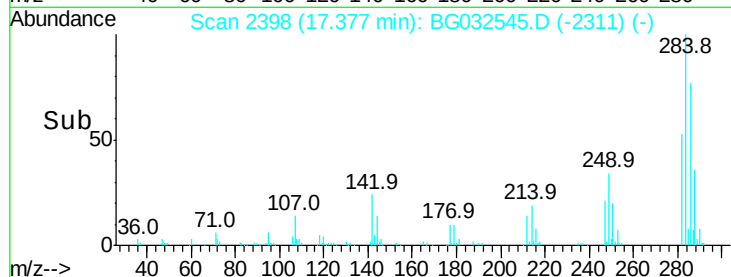
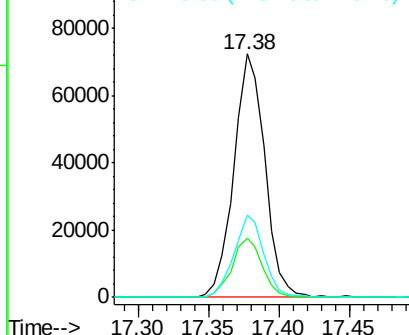
#67
Hexachlorobenzene
Concen: 41.691 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:284 Resp: 110791
Ion Ratio Lower Upper
284 100
142 24.4 26.8 40.2#
249 34.1 26.3 39.5

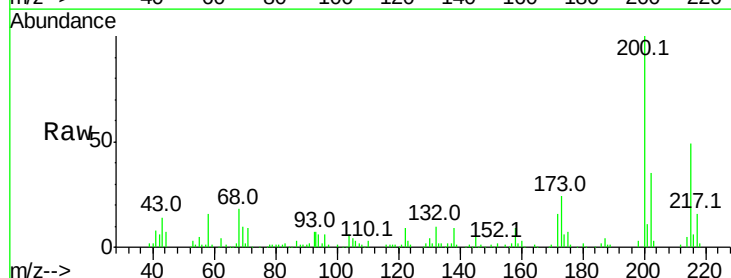


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

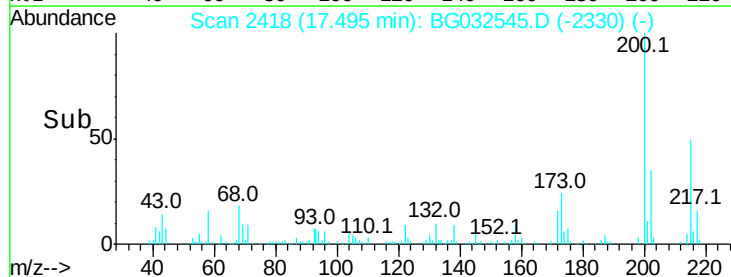
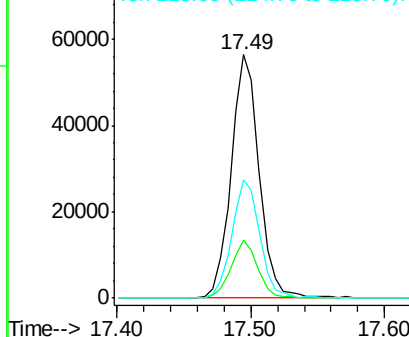


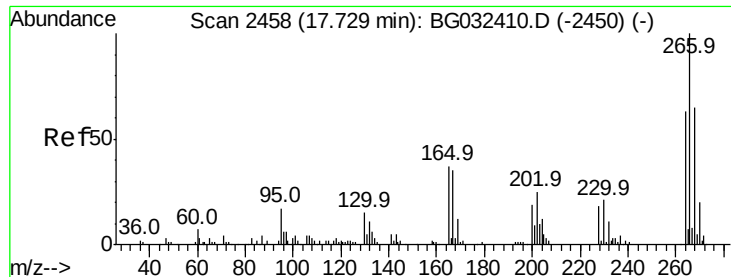
#68
Atrazine
Concen: 39.682 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion:200 Resp: 82402
Ion Ratio Lower Upper
200 100
173 23.8 5.2 45.2
215 48.6 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

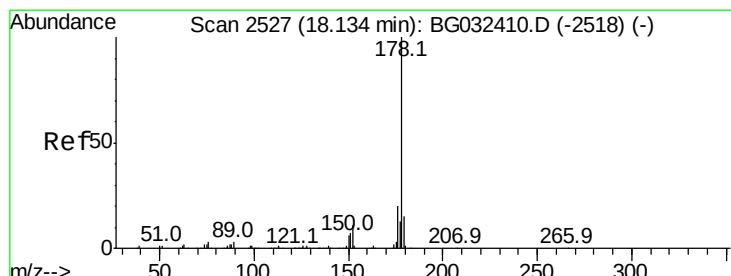
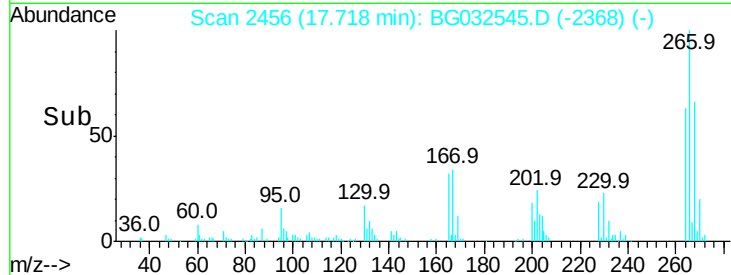
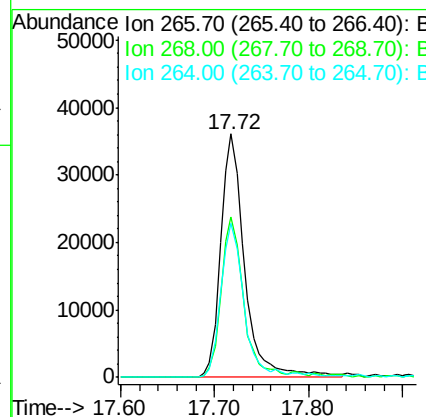
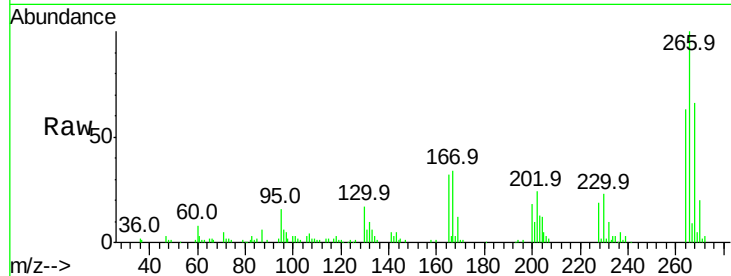




#69
 Pentachlorophenol
 Concen: 38.686 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

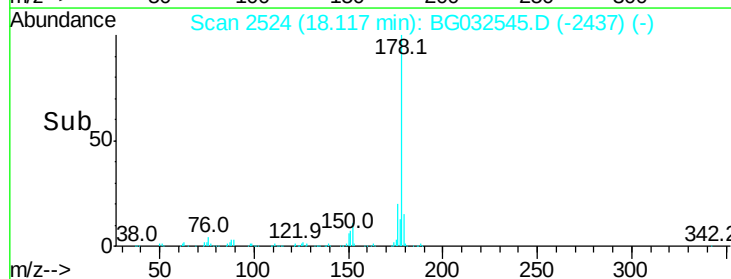
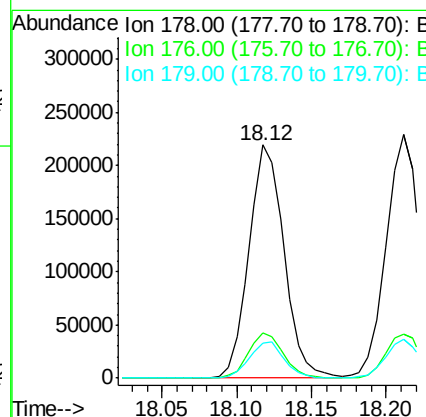
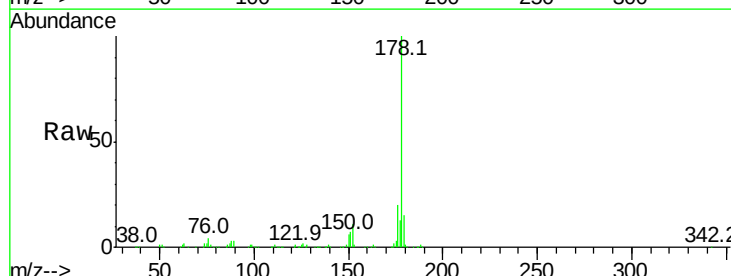
Instrument :
 BNA_G
 ClientSampled :

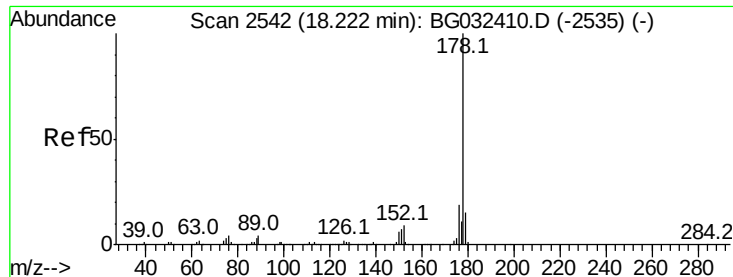
Tot Ion:	266	Resp:	64401
Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	63.5	49.6	74.4



#70
 Phenanthrene
 Concen: 39.437 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion:	178	Resp:	356477
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	14.8	12.5	18.7

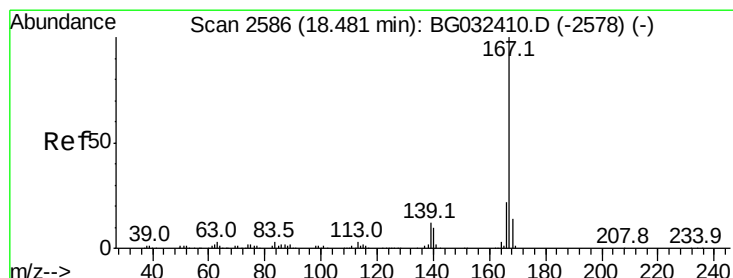
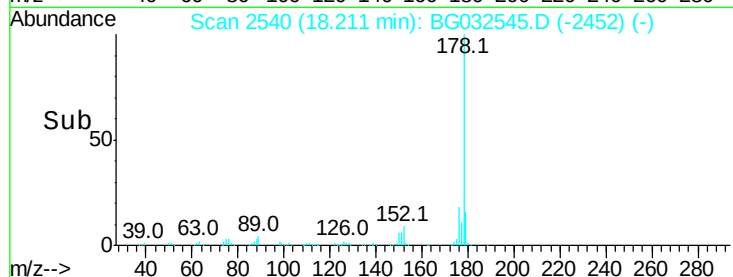
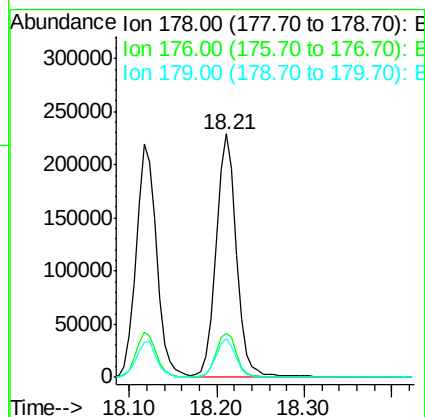
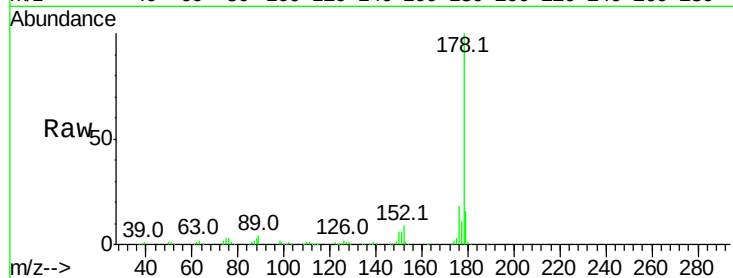




#71
 Anthracene
 Concen: 41.055 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

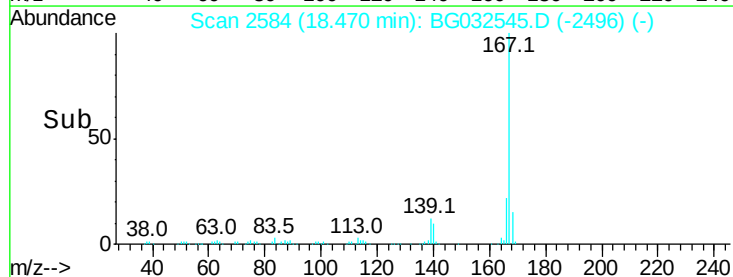
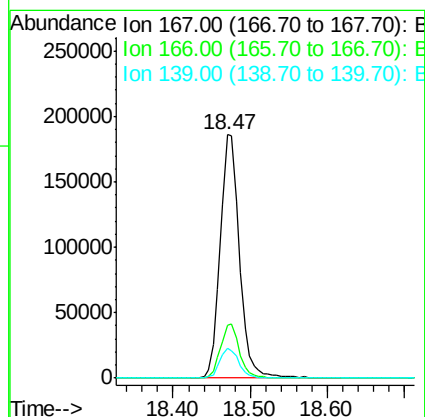
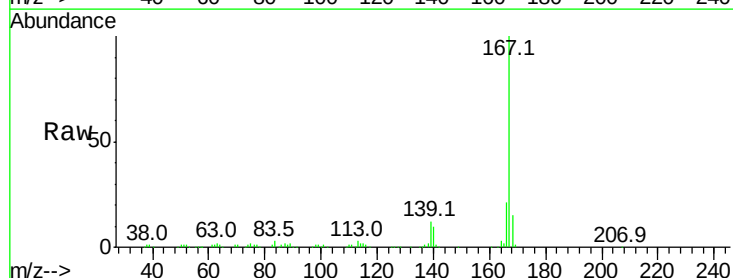
Instrument :
 BNA_G
 ClientSampleId :

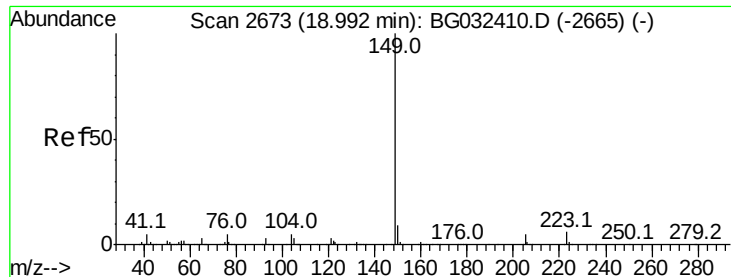
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	16.1	12.5	18.7



#72
 Carbazole
 Concen: 40.430 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.4
139	12.3	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.939 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

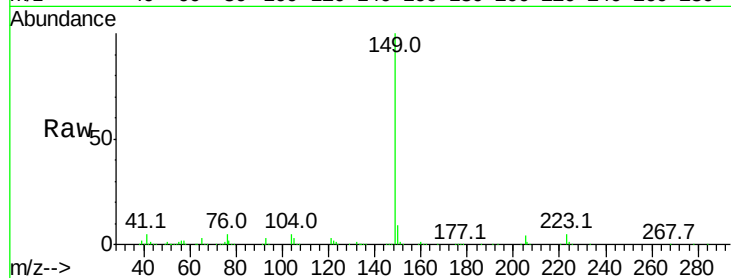
Tot Ion:149 Resp: 378058

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

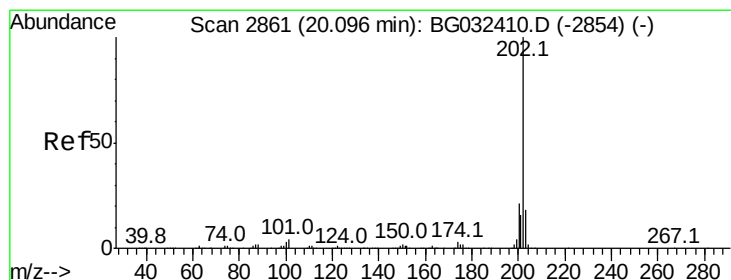
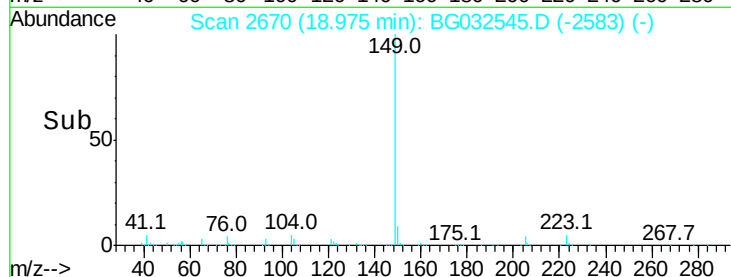
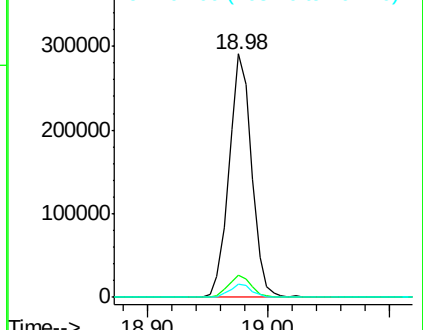
104 5.3 3.9 5.9



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: 40.631 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

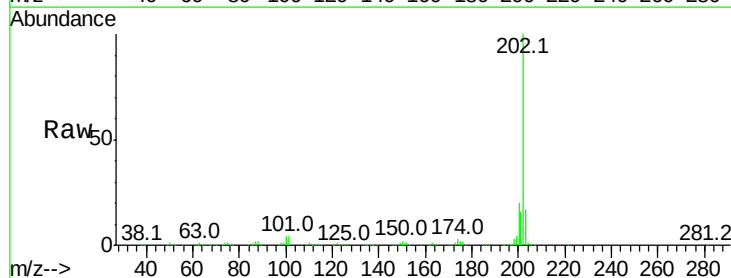
Tgt Ion:202 Resp: 481644

Ion Ratio Lower Upper

202 100

101 4.0 0.0 28.9

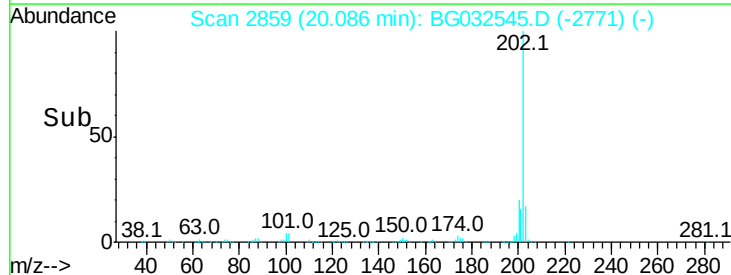
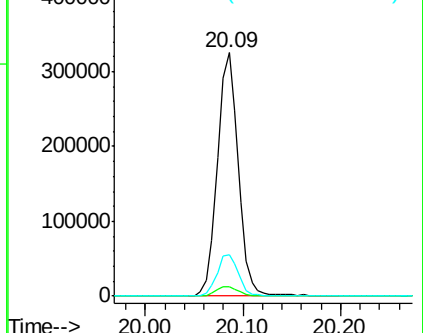
203 17.2 0.0 37.5

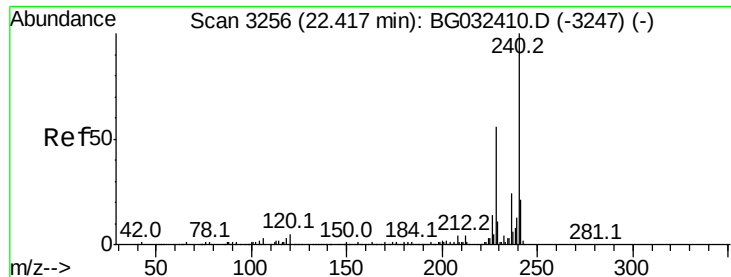


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

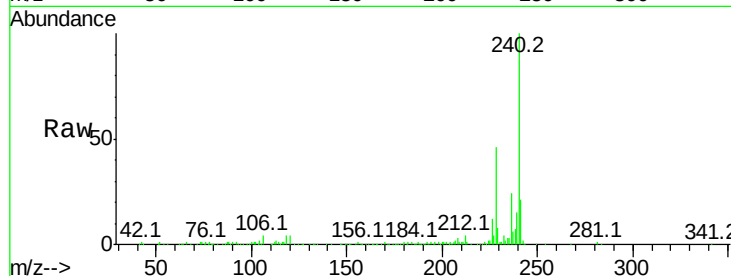
Tot Ion:240 Resp: 207961

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

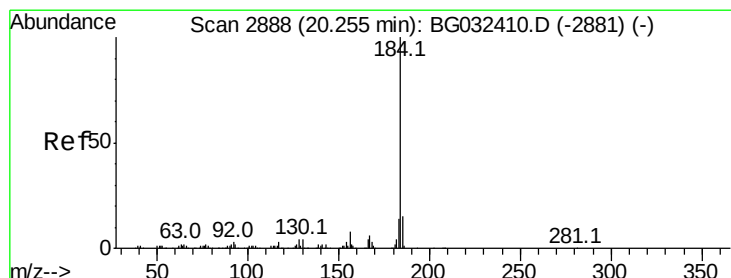
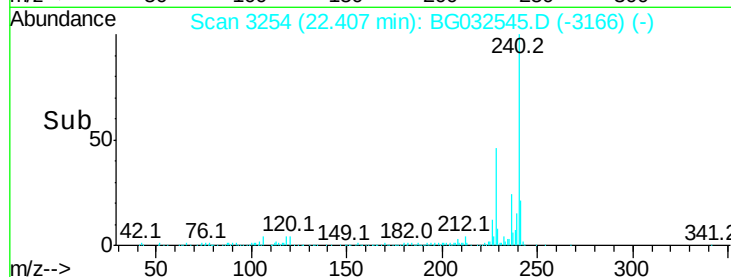
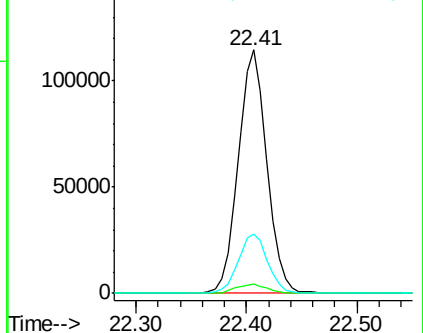
236 24.5 20.9 31.3



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: 41.383 ng

RT: 20.24 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

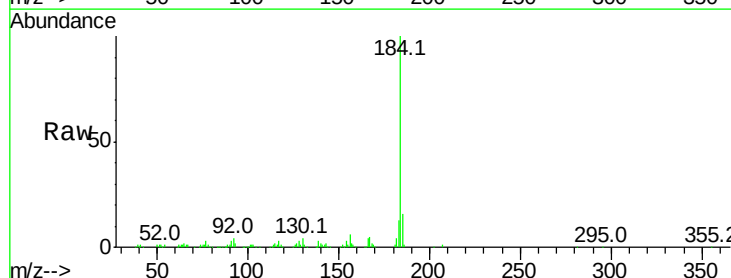
Tgt Ion:184 Resp: 168990

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

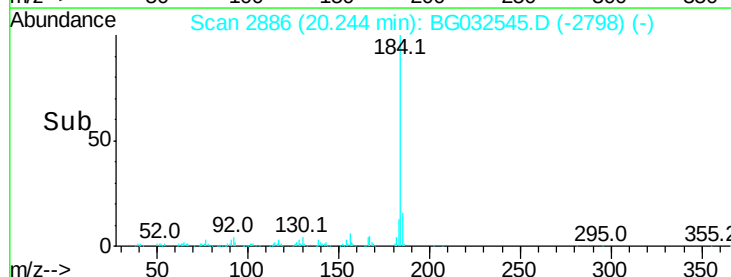
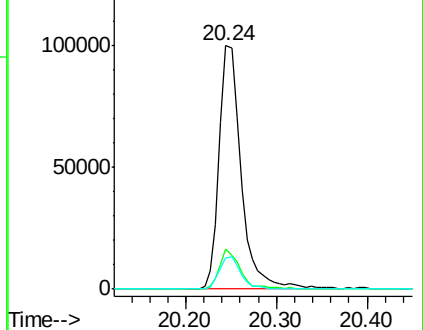
183 12.7 10.6 16.0

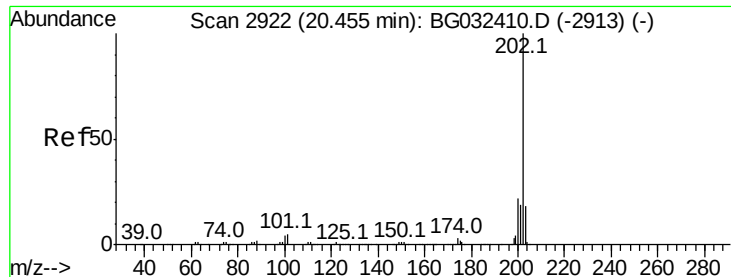


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

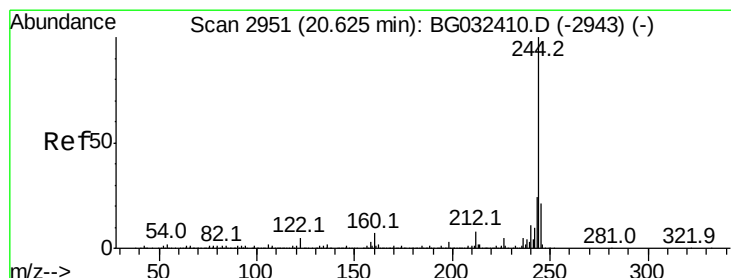
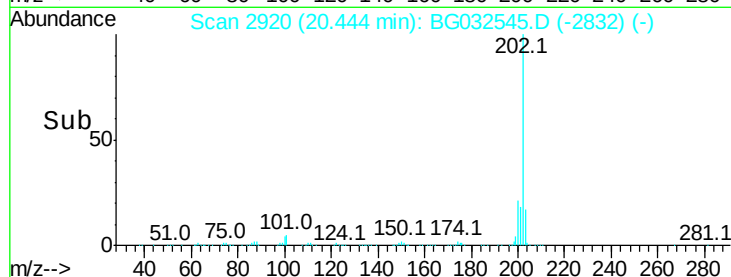
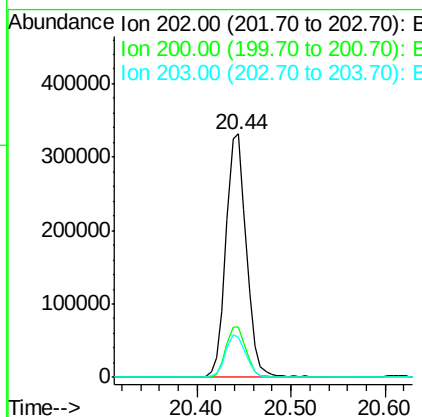
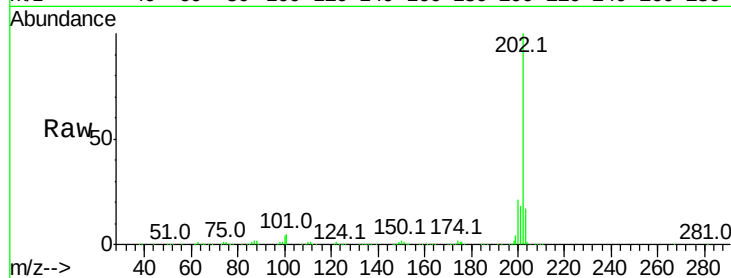




#77
 Pvrene
 Concen: 39.378 ng
 RT: 20.44 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

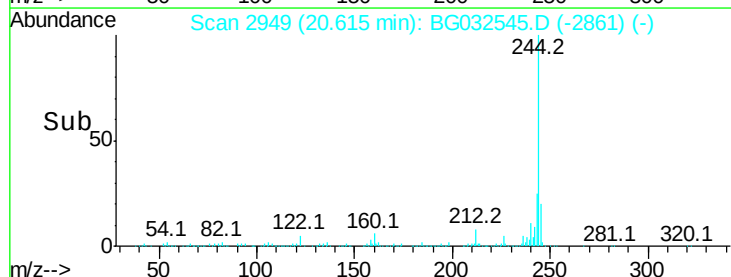
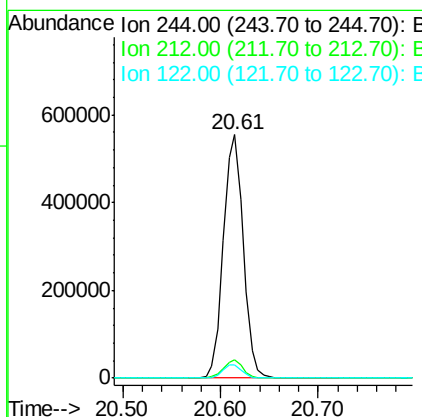
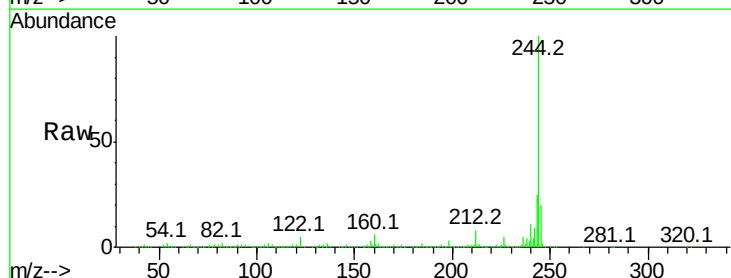
Instrument :
 BNA_G
 ClientSampleId :

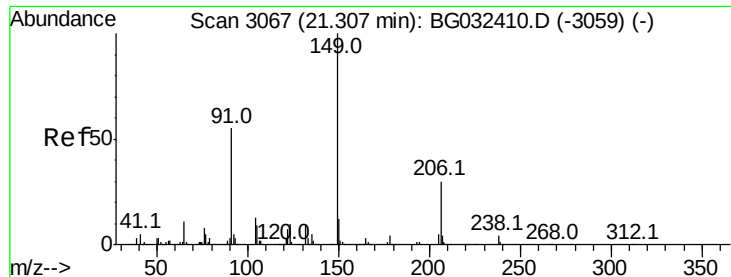
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.6	13.9	20.9



#78
 Terphenyl-d14
 Concen: 80.666 ng
 RT: 20.61 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.3	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 42.731 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

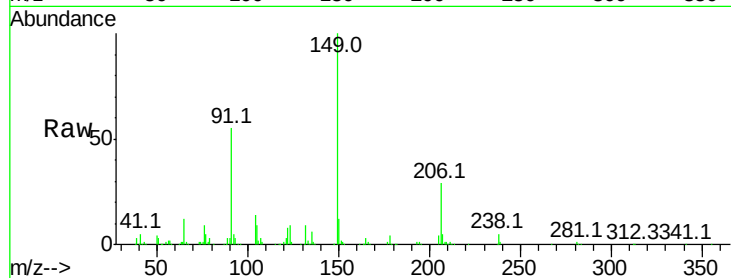
Tot Ion:149 Resp: 171918

Ion Ratio Lower Upper

149 100

91 54.7 62.2 93.2#

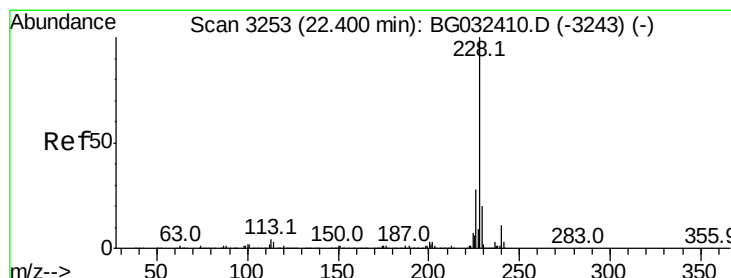
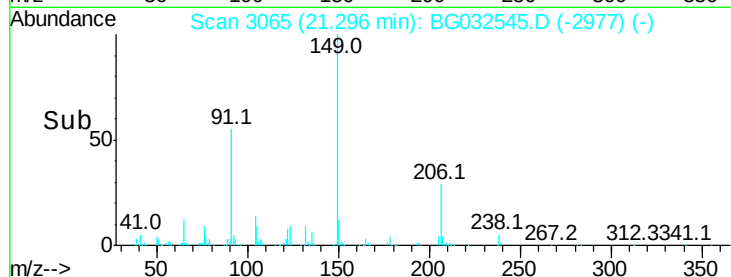
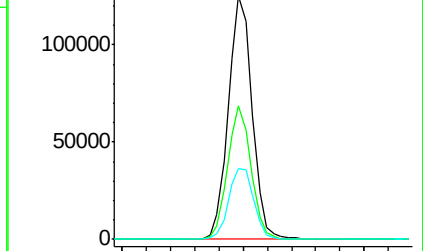
206 29.1 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.119 ng

RT: 22.38 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

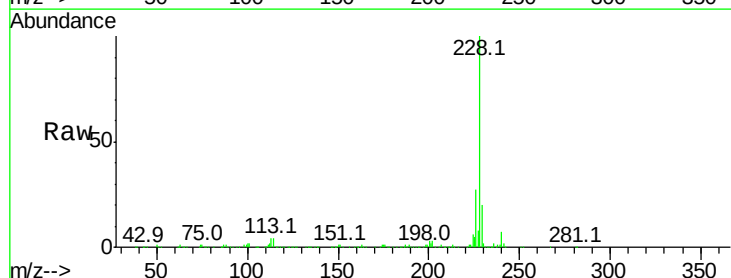
Tgt Ion:228 Resp: 517228

Ion Ratio Lower Upper

228 100

226 26.9 22.7 34.1

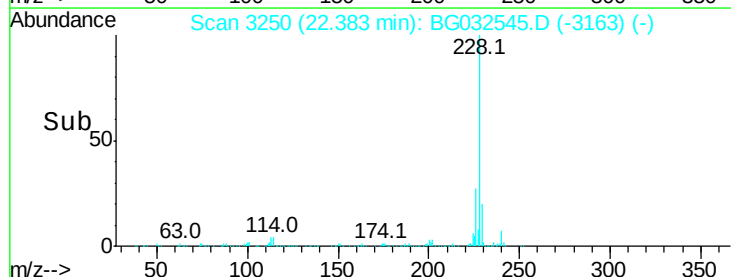
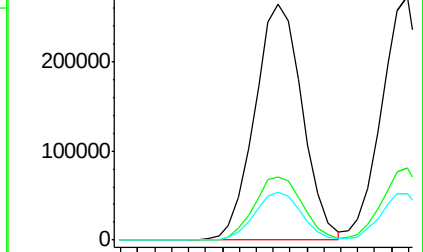
229 20.4 16.2 24.2

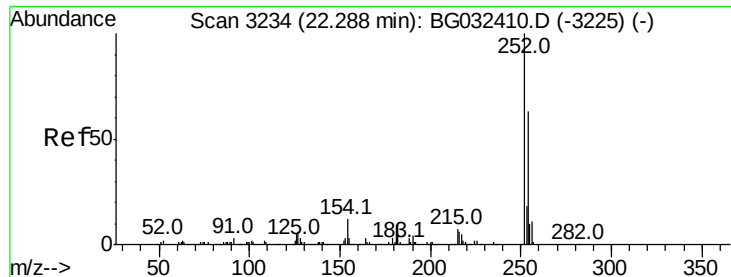


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

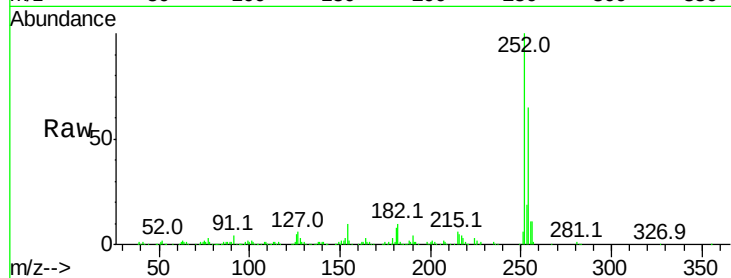




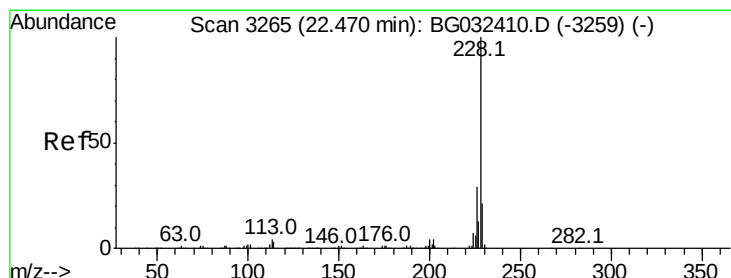
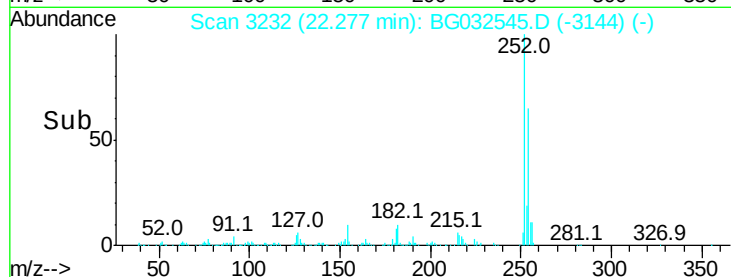
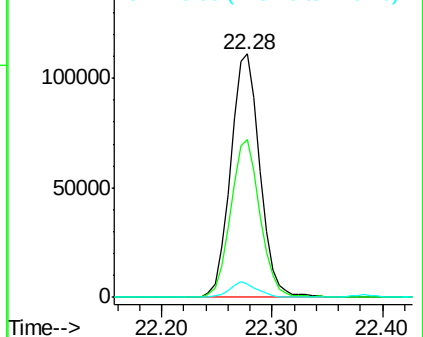
#81
 3,3'-Dichlorobenzidine
 Concen: 41.239 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	5.5	7.4	11.2#

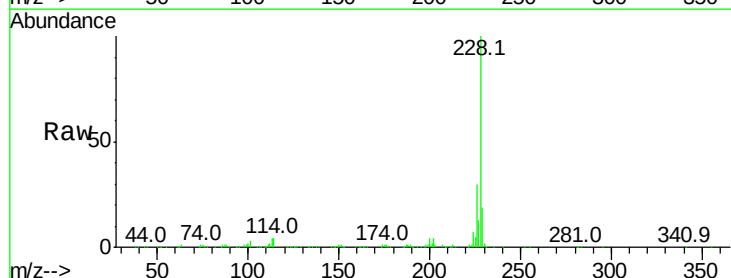


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

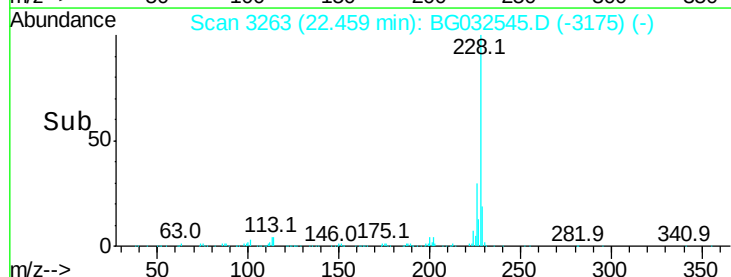
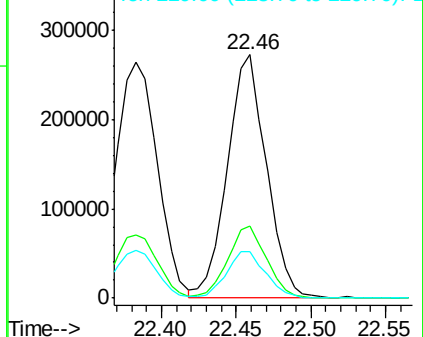


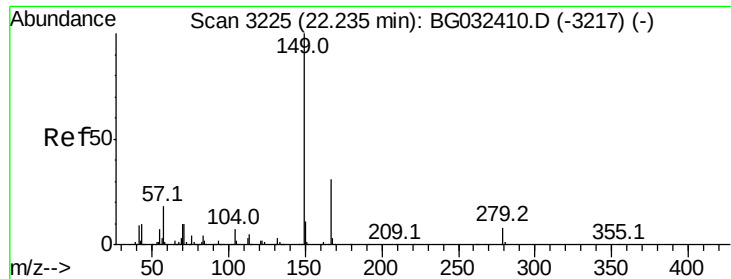
#82
 Chrysene
 Concen: 39.745 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.1	15.0	22.4



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

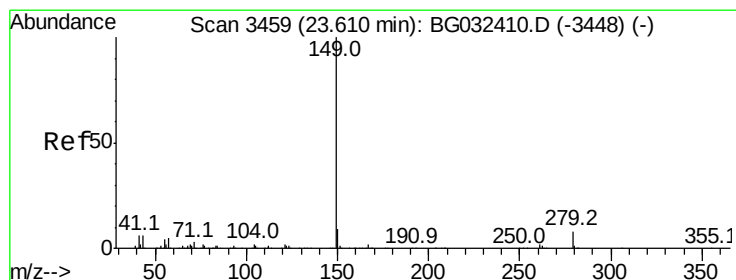
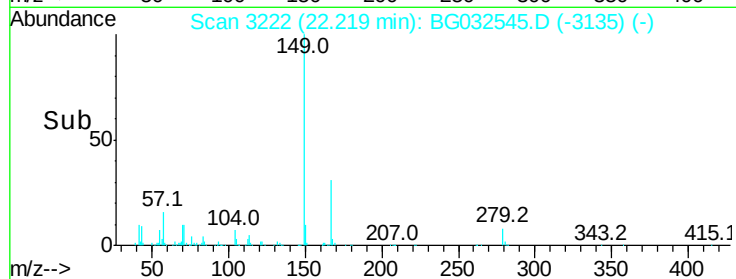
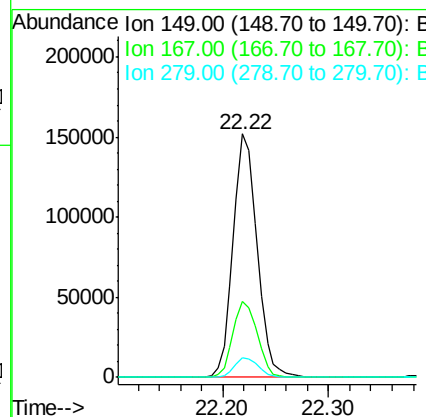
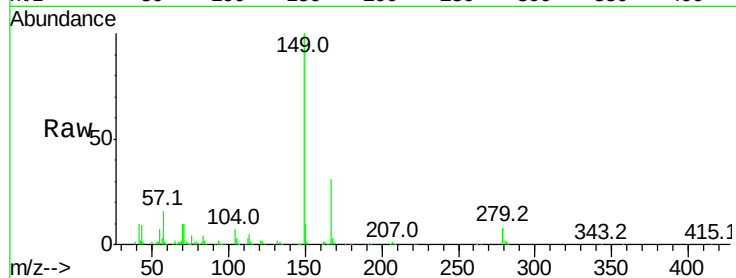




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.727 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

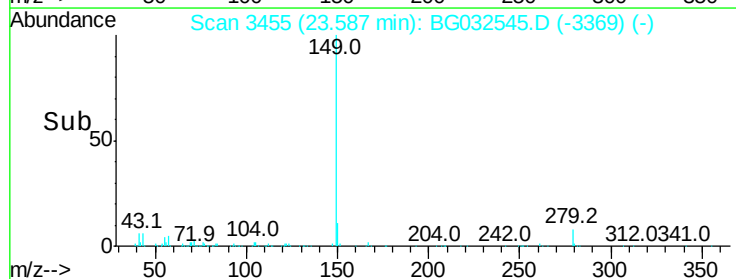
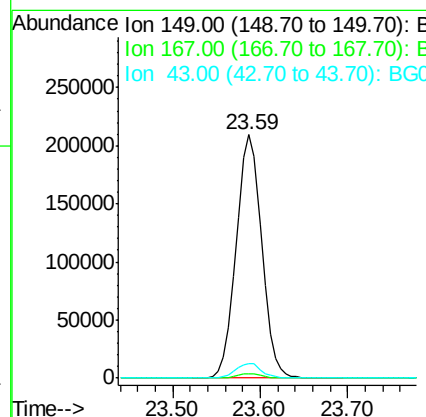
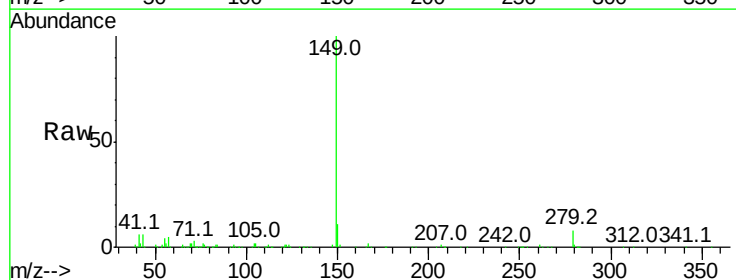
Instrument :
 BNA_G
 ClientSampleId :

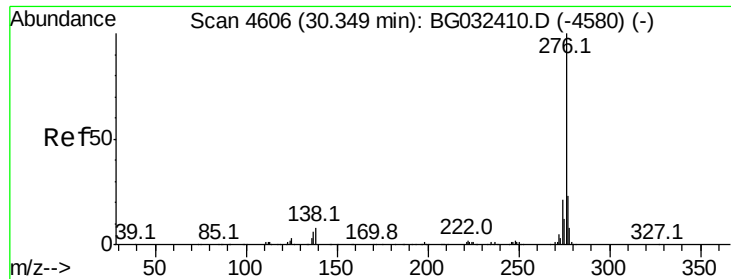
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	7.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 45.514 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3

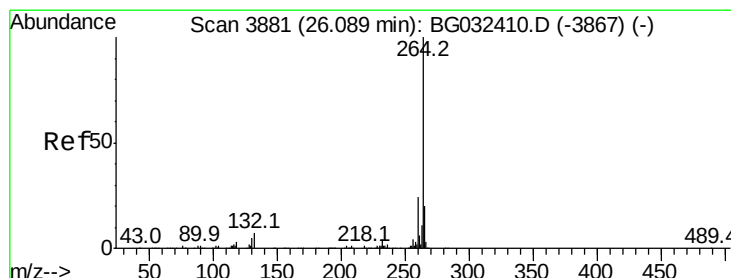
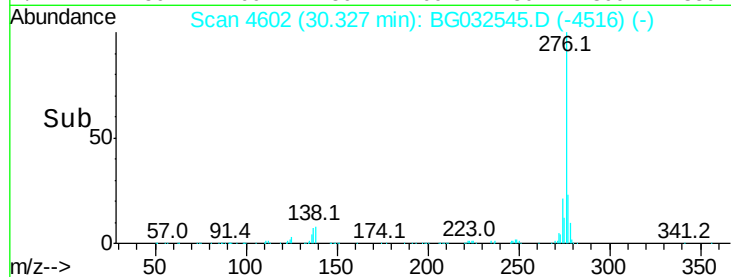
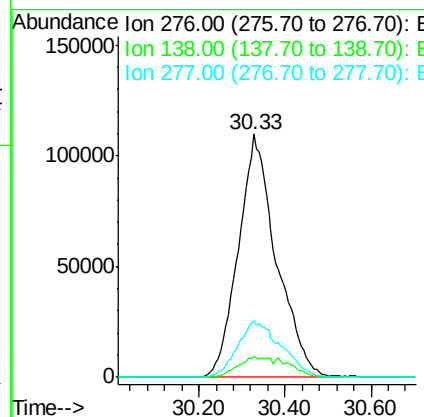
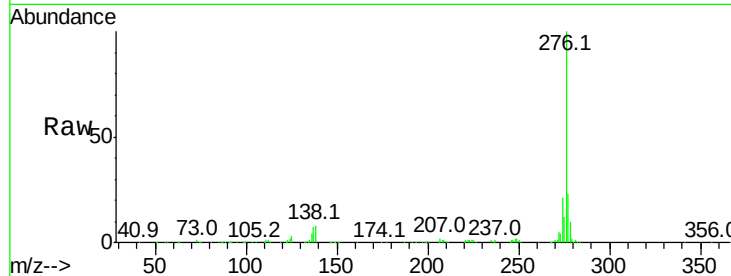




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.031 ng
 RT: 30.33 min Scan# 4602
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

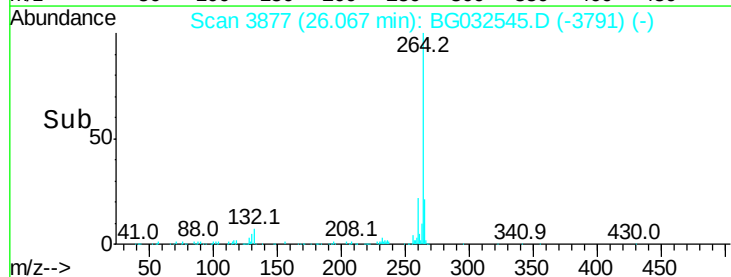
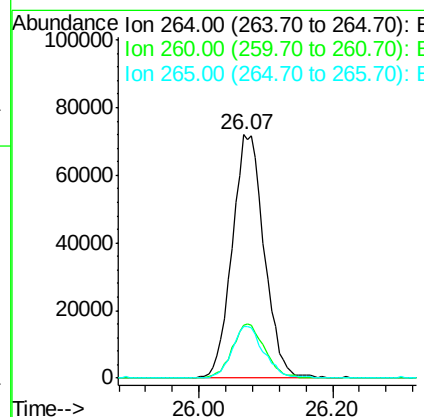
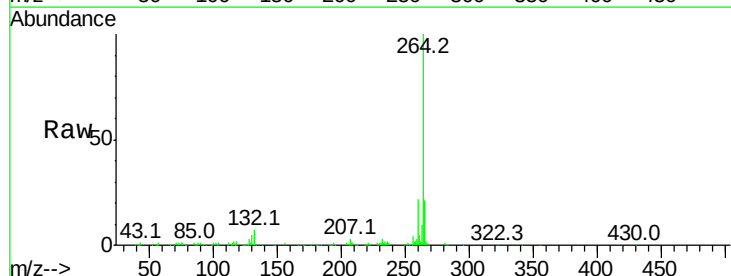
Instrument :
 BNA_G
 ClientSampled :

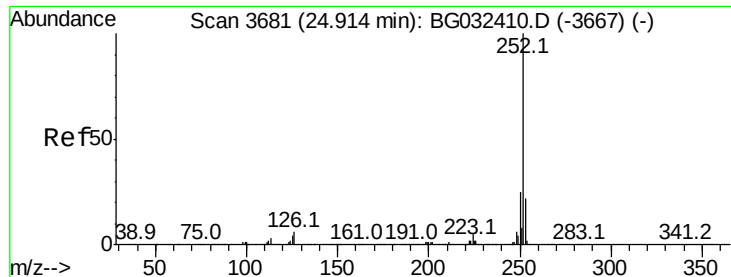
Tot Ion	Ratio	Lower	Upper
276	100		
138	5.6	16.0	24.0#
277	26.5	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. -0.02 min
 Lab File: BG032545.D
 Acq: 5 Feb 2018 22:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	21.0	17.7	26.5

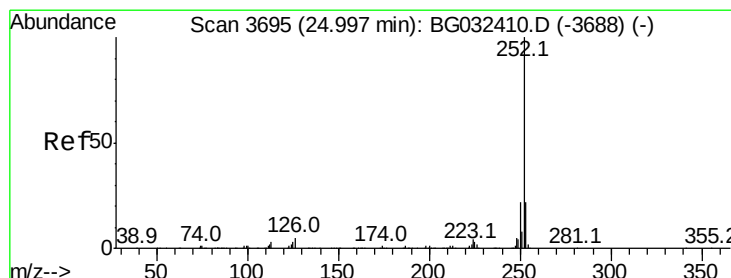
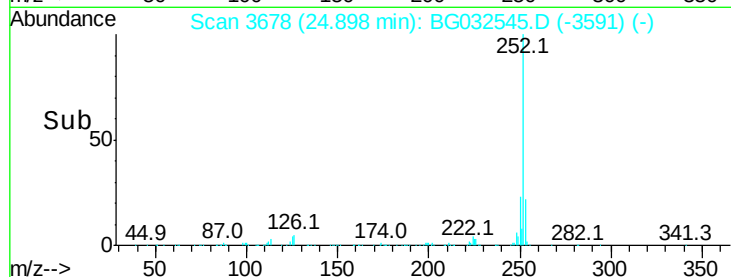
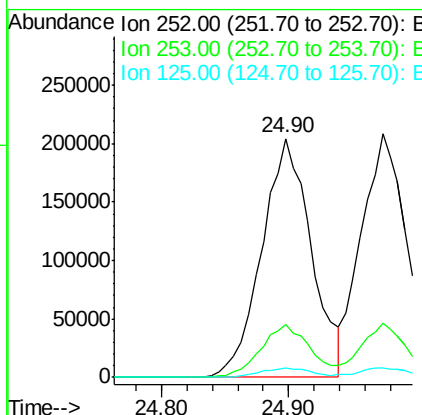
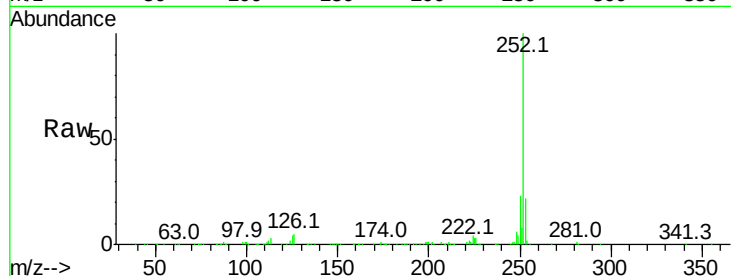




#87
Benzo(b)fluoranthene
Concen: 38.168 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

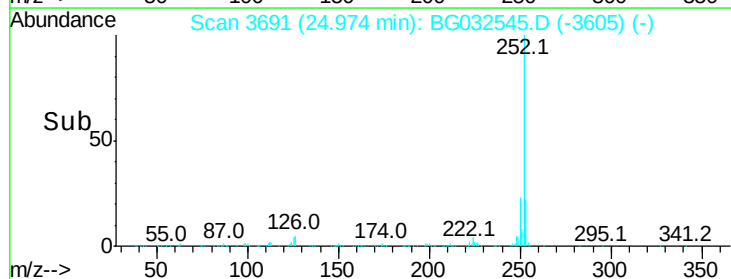
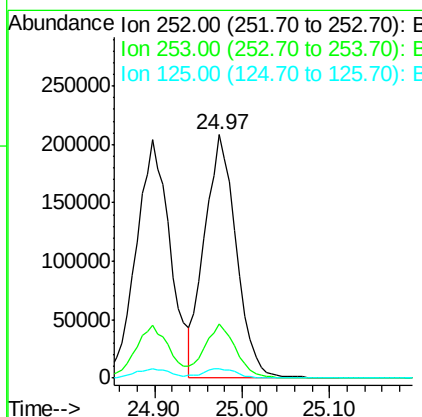
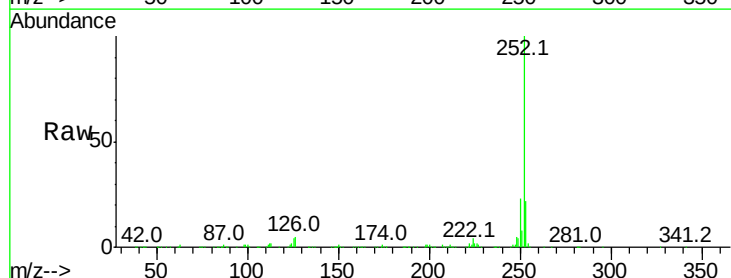
Instrument :
BNA_G
ClientSampleId :

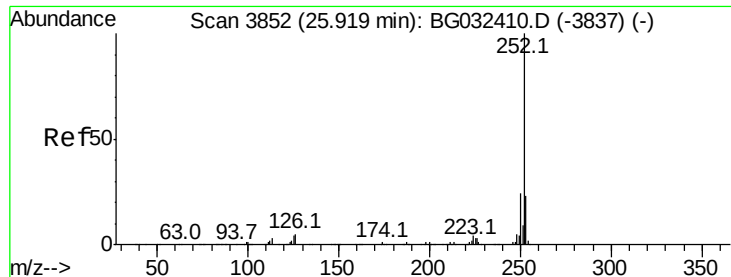
Tot Ion:252 Resp: 555247
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 4.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 36.420 ng
RT: 24.97 min Scan# 3691
Delta R.T. -0.02 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion:252 Resp: 524848
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 4.1 6.6 9.8#

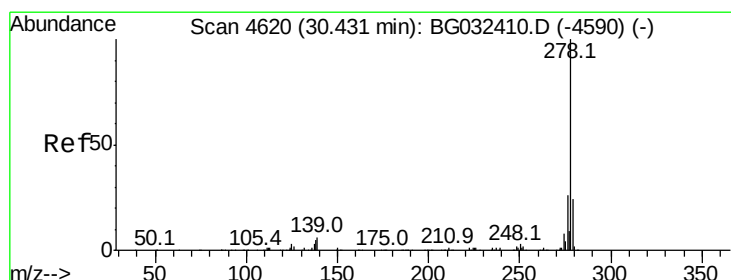
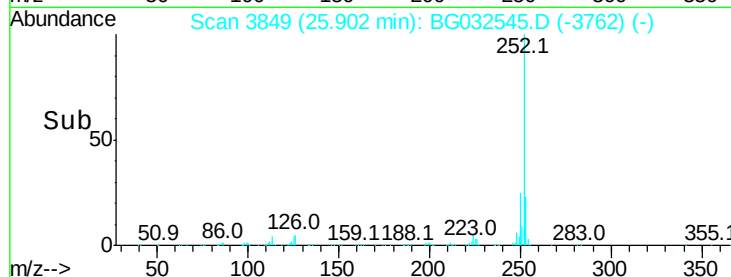
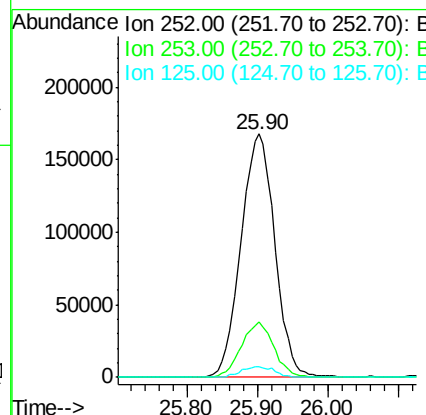
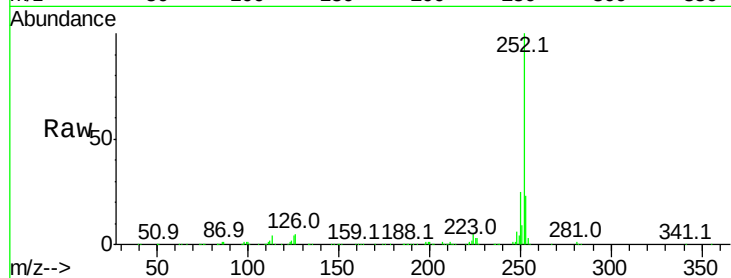




#89
Benzo(a)pyrene
Concen: 40.347 ng
RT: 25.90 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

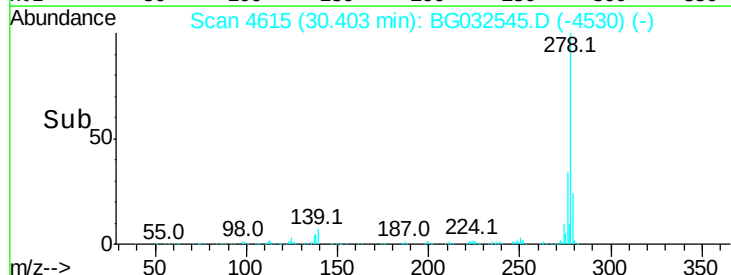
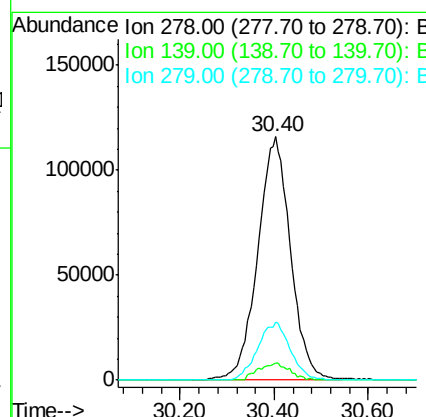
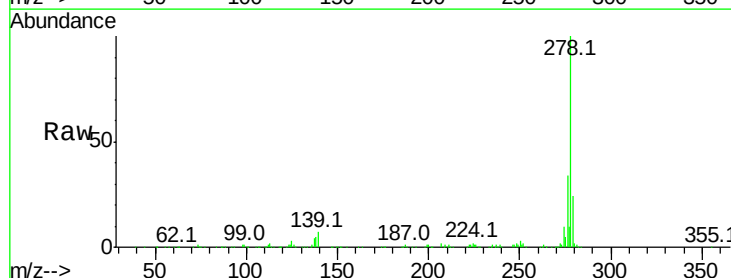
Instrument :
BNA_G
ClientSampleId :

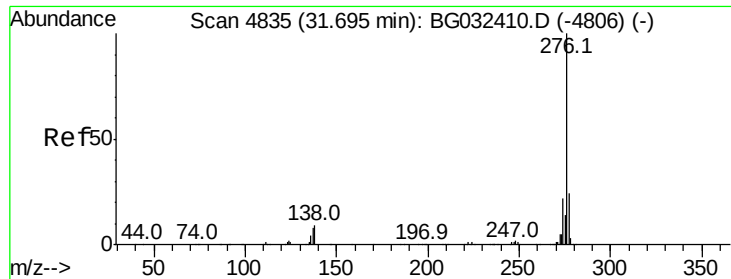
Tot Ion:252 Resp: 559563
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 4.5 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 39.659 ng
RT: 30.40 min Scan# 4615
Delta R.T. -0.03 min
Lab File: BG032545.D
Acq: 5 Feb 2018 22:10

Tgt Ion:278 Resp: 562666
Ion Ratio Lower Upper
278 100
139 6.8 9.8 14.6#
279 23.9 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 39.132 ng

RT: 31.67 min Scan# 4830

Delta R.T. -0.03 min

Lab File: BG032545.D

Acq: 5 Feb 2018 22:10

Instrument :

BNA_G

ClientSampleId :

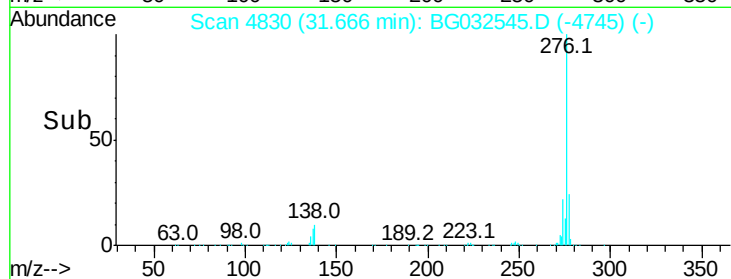
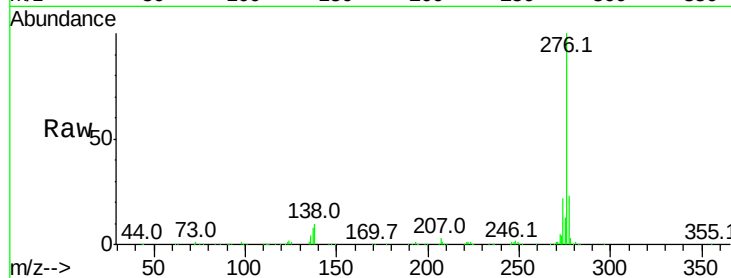
Tot Ion:276 Resp: 551073

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 10.1 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

