

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
 Data File : BG025377.D
 Acq On : 22 Dec 2016 3:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Dec 22 05:13:44 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	64697	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	261929	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	204657	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	496992	20.00	ng	0.00
75) Chrysene-d12	21.88	240	679571	20.00	ng	0.00
86) Perylene-d12	25.29	264	703872	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	287900	80.89	ng	0.00
7) Phenol-d6	7.37	99	421702	84.12	ng	0.00
23) Nitrobenzene-d5	9.39	82	493734	83.27	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	273939	83.14	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1082810	85.66	ng	0.00
78) Terphenyl-d14	20.16	244	2067227	80.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	58019	38.20	ng	96
3) Pyridine	4.01	79	186905	42.46	ng	99
4) n-Nitrosodimethylamine	3.92	42	104241	39.89	ng	98
6) Aniline	7.54	93	273372	40.25	ng	100
8) 2-Chlorophenol	7.77	128	163126	40.63	ng	96
9) Benzaldehyde	7.35	77	140069	38.19	ng	97
10) Phenol	7.40	94	226632	40.78	ng	99
11) bis(2-Chloroethyl)ether	7.63	93	168607	39.38	ng	88
12) 1,3-Dichlorobenzene	8.10	146	199803	41.12	ng	96
13) 1,4-Dichlorobenzene	8.25	146	199408	39.60	ng	100
14) 1,2-Dichlorobenzene	8.57	146	185206	38.54	ng	96
15) Benzyl Alcohol	8.45	79	206560	43.16	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.73	45	327901	41.35	ng	98
17) 2-Methylphenol	8.66	107	150329	41.19	ng	98
18) Hexachloroethane	9.29	117	77259	39.95	ng	95
19) n-Nitroso-di-n-propylamine	9.01	70	172878	40.83	ng	99
20) 3+4-Methylphenols	8.99	107	215103	42.59	ng	91
22) Acetophenone	9.05	105	300990	41.36	ng	# 99
24) Nitrobenzene	9.44	77	266350	40.96	ng	99
25) Isophorone	9.95	82	460842	42.93	ng	99
26) 2-Nitrophenol	10.15	139	107596	43.26	ng	94
27) 2,4-Dimethylphenol	10.20	122	177724	43.46	ng	96
28) bis(2-Chloroethoxy)methane	10.43	93	231129	41.46	ng	99
29) 2,4-Dichlorophenol	10.69	162	191111	43.67	ng	95
30) 1,2,4-Trichlorobenzene	10.90	180	215266	40.72	ng	99
31) Naphthalene	11.09	128	542444	41.47	ng	99
32) Benzoic acid	10.36	122	130422	39.66	ng	94
33) 4-Chloroaniline	11.21	127	238723	43.39	ng	94
34) Hexachlorobutadiene	11.35	225	179442	41.58	ng	97
35) Caprolactam	11.99	113	66960	40.73	ng	94
36) 4-Chloro-3-methylphenol	12.32	107	226164	41.87	ng	96
37) 2-Methylnaphthalene	12.68	142	406222	41.91	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	290273	42.96	ng	97
40) Hexachlorocyclopentadiene	13.00	237	99314	44.47	ng	97

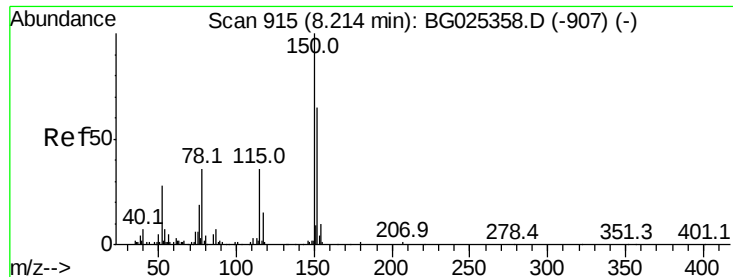
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	182917	42.99	nq	99
43) 2,4,5-Trichlorophenol	13.37	196	187747	42.16	nq	98
45) 1,1'-Biphenyl	13.67	154	595104	43.23	nq	96
46) 2-Chloronaphthalene	13.72	162	450469	41.89	nq	99
47) 2-Nitroaniline	13.94	65	202791	44.67	nq	99
48) Acenaphthylene	14.56	152	709998	42.60	nq	96
49) Dimethylphthalate	14.28	163	639906	42.89	nq	98
50) 2,6-Dinitrotoluene	14.42	165	138611	42.53	nq	97
51) Acenaphthene	14.91	154	458303	42.04	nq	97
52) 3-Nitroaniline	14.76	138	133608	42.64	nq	91
53) 2,4-Dinitrophenol	14.98	184	82712	41.32	nq	86
54) Dibenzofuran	15.23	168	730248	42.37	nq	97
55) 4-Nitrophenol	15.08	139	104158	44.50	nq	94
56) 2,4-Dinitrotoluene	15.22	165	209306	44.10	nq	# 93
57) Fluorene	15.89	166	627923	43.52	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	202093	42.36	nq	91
59) Diethylphthalate	15.63	149	672002	42.95	nq	99
60) 4-Chlorophenyl-phenylether	15.86	204	348601	42.63	nq	94
61) 4-Nitroaniline	15.93	138	136856	43.40	nq	# 83
62) Azobenzene	16.16	77	662596	43.91	nq	98
64) 4,6-Dinitro-2-methylphenol	15.98	198	150019	43.59	nq	85
65) n-Nitrosodiphenylamine	16.08	169	556413	41.42	nq	98
66) 4-Bromophenyl-phenylether	16.76	248	249693	40.72	nq	95
67) Hexachlorobenzene	16.89	284	288422	40.99	nq	# 89
68) Atrazine	17.02	200	234571	39.85	nq	98
69) Pentachlorophenol	17.24	266	147477	40.43	nq	94
70) Phenanthrene	17.63	178	1058874	41.35	nq	95
71) Anthracene	17.72	178	1071630	41.18	nq	97
72) Carbazole	18.00	167	967689	41.57	nq	96
73) Di-n-butylphthalate	18.51	149	1184834	41.37	nq	97
74) Fluoranthene	19.62	202	1437419	42.49	nq	93
76) Benzidine	19.80	184	656840	38.75	nq	98
77) Pyrene	19.99	202	1468312	41.34	nq	97
79) Butylbenzylphthalate	20.83	149	593085	41.59	nq	99
80) Benzo(a)anthracene	21.86	228	1576237	41.58	nq	95
81) 3,3'-Dichlorobenzidine	21.76	252	601495	40.86	nq	99
82) Chrysene	21.93	228	1505539	41.42	nq	97
83) Bis(2-ethylhexyl)phthalate	21.70	149	823134	41.48	nq	99
84) Di-n-octyl phthalate	22.96	149	1381901	41.94	nq	95
85) Indeno(1,2,3-cd)pyrene	29.22	276	1943791	42.06	nq	# 58
87) Benzo(b)fluoranthene	24.19	252	1626125	42.34	nq	# 98
88) Benzo(k)fluoranthene	24.27	252	1562470	42.13	nq	# 95
89) Benzo(a)pyrene	25.12	252	1552304	41.85	nq	# 96
90) Dibenzo(a,h)anthracene	29.27	278	1642644	41.78	nq	99
91) Benzo(g,h,i)perylene	30.46	276	1612458	41.28	nq	# 98

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

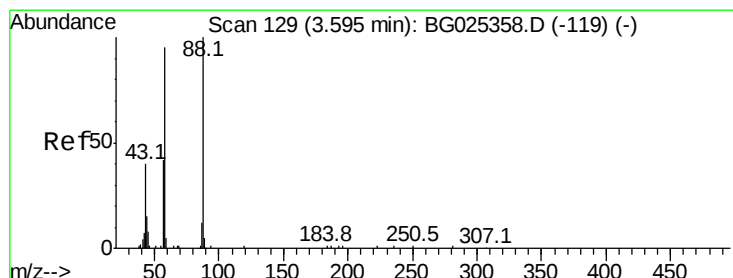
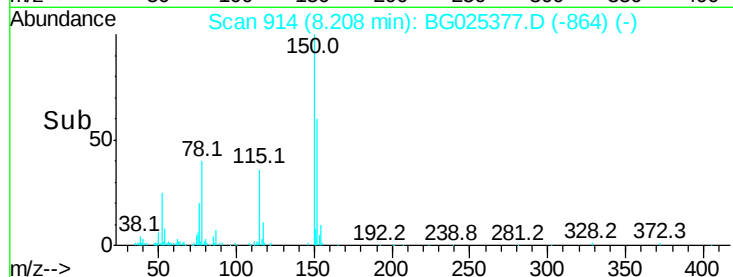
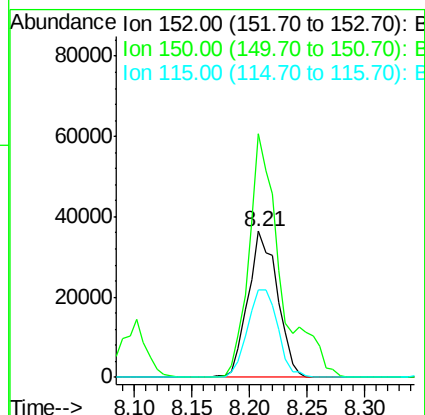
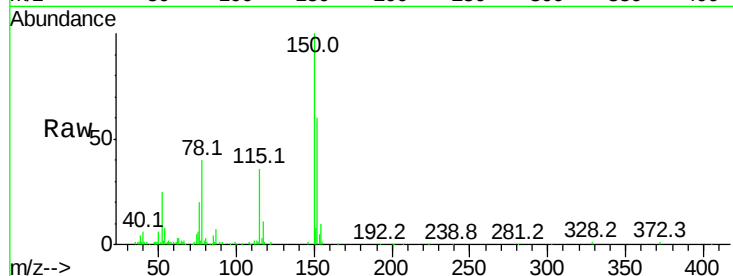


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

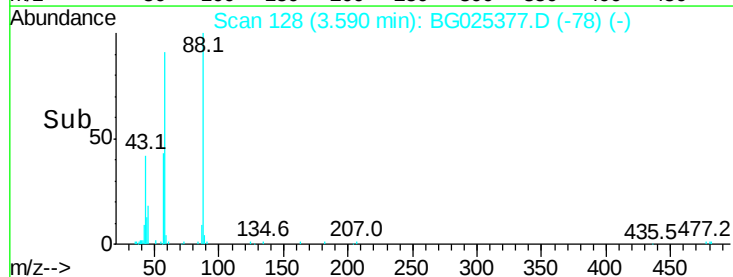
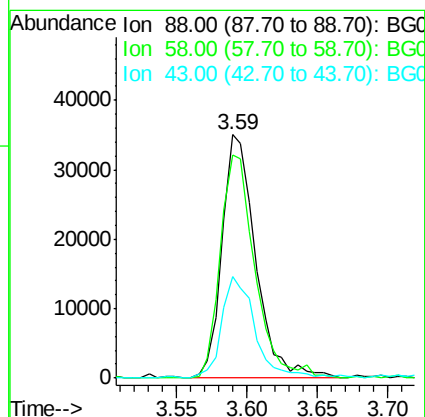
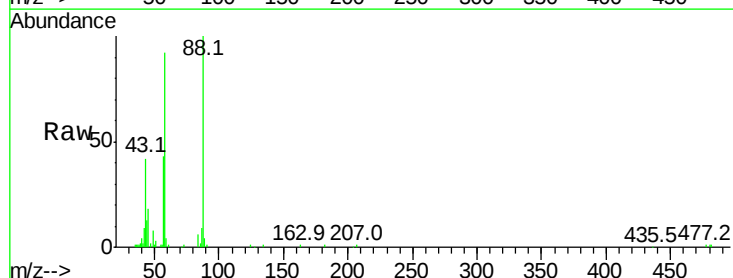
Tot Ion:152 Resp: 64697
Ion Ratio Lower Upper
152 100
150 166.9 114.0 171.0
115 59.8 48.1 72.1

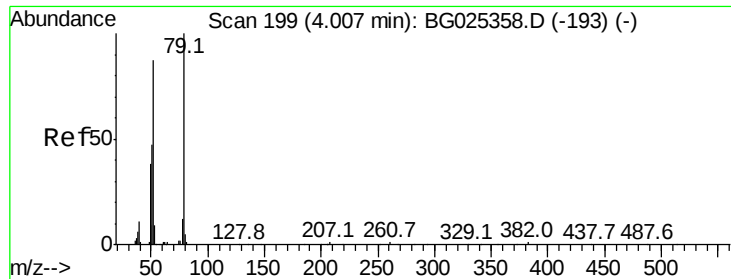


#2

1,4-Dioxane
Concen: 38.20 ng
RT: 3.59 min Scan# 128
Delta R.T. -0.01 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Tgt Ion: 88 Resp: 58019
Ion Ratio Lower Upper
88 100
58 94.8 79.4 119.2
43 40.6 33.8 50.6





#3

Pvridine

Concen: 42.46 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

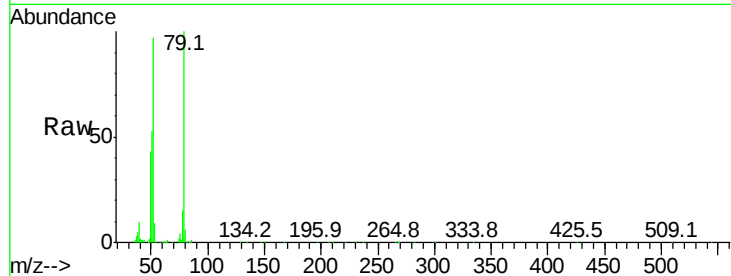
Tot Ion: 79 Resp: 186905

Ion Ratio Lower Upper

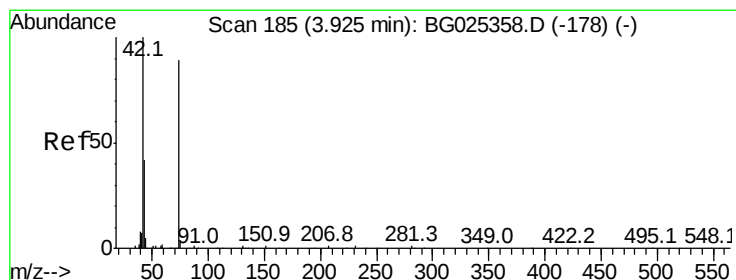
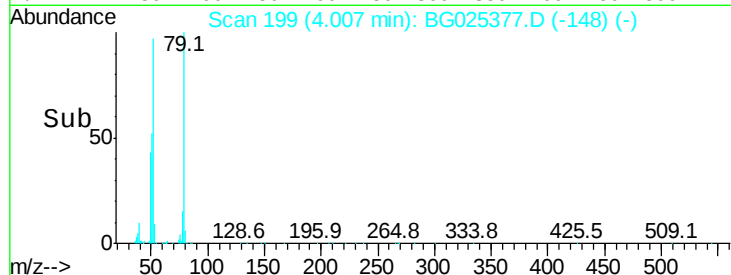
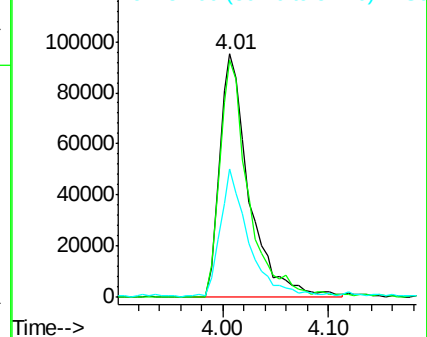
79 100

52 97.3 77.8 116.6

51 52.8 43.2 64.8



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



#4

n-Nitrosodimethylamine

Concen: 39.89 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

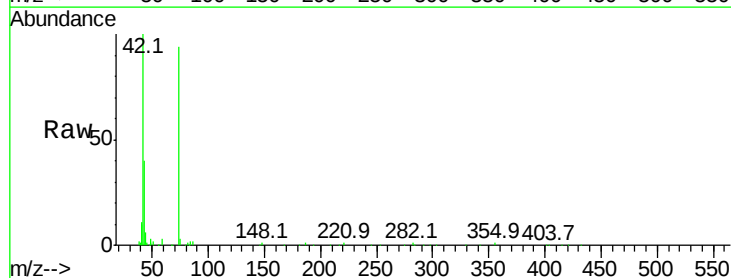
Tgt Ion: 42 Resp: 104241

Ion Ratio Lower Upper

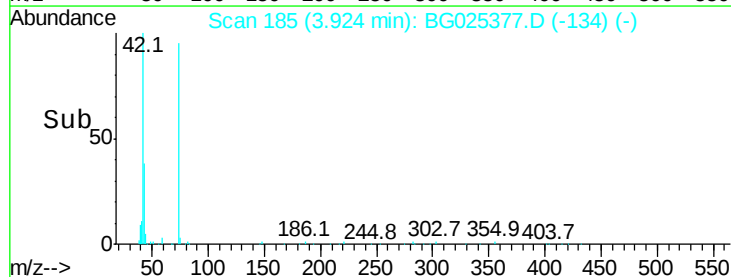
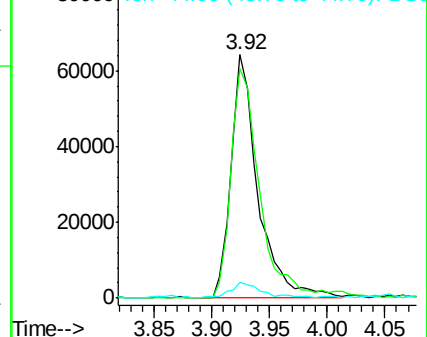
42 100

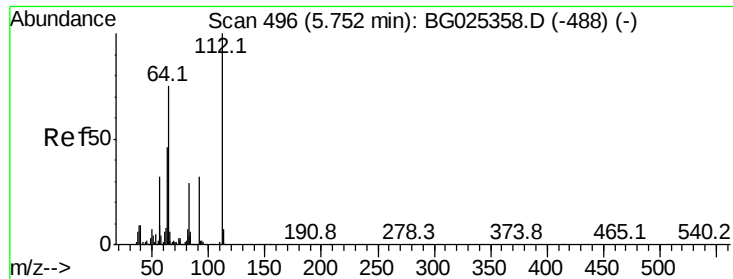
74 94.0 76.7 115.1

44 6.4 6.1 9.1



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: 80.89 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

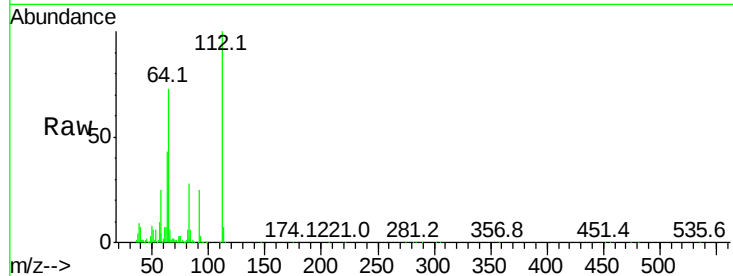
Tot Ion:112 Resp: 287900

Ion Ratio Lower Upper

112 100

64 73.4 61.8 92.6

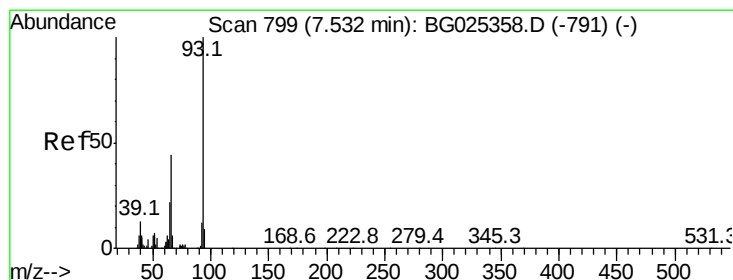
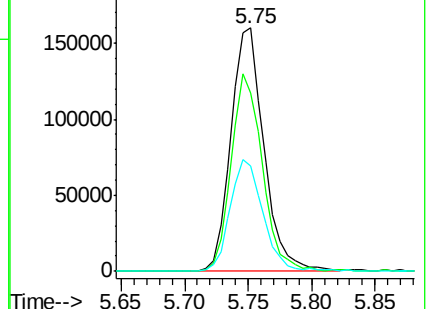
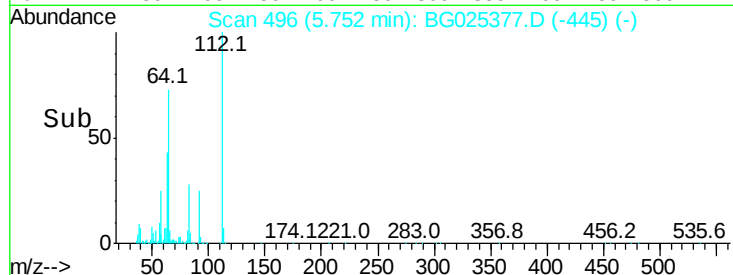
63 43.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.25 ng

RT: 7.54 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

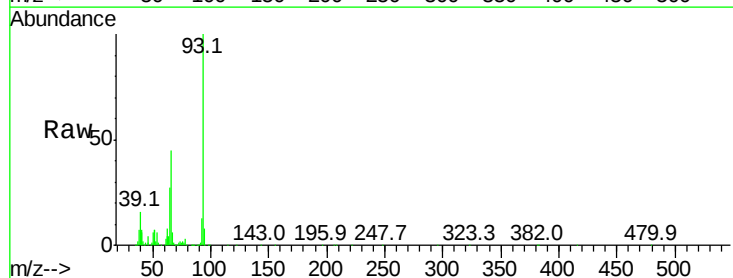
Tgt Ion: 93 Resp: 273372

Ion Ratio Lower Upper

93 100

66 44.7 35.4 53.2

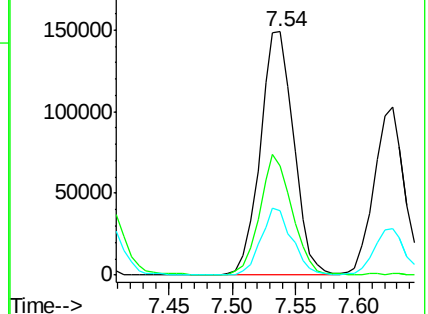
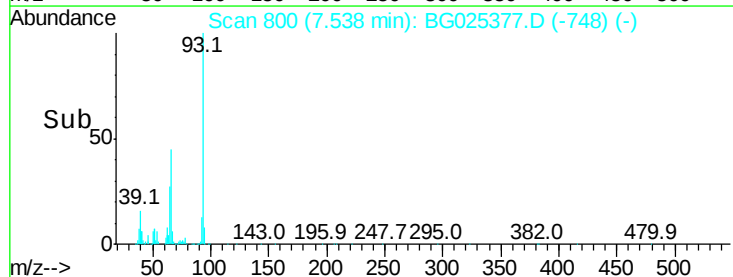
65 26.6 21.2 31.8

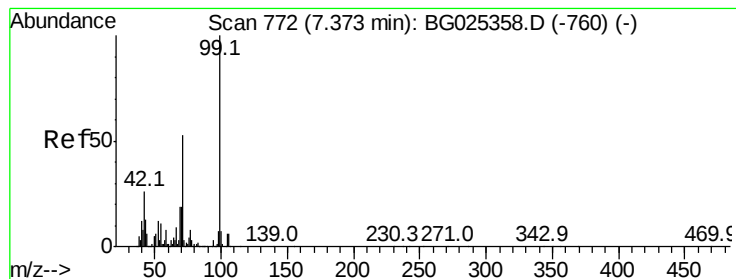


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.12 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

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ClientSampleId :

SSTDCCC040EC

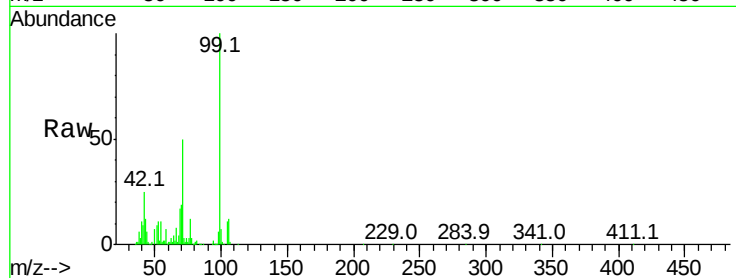
Tot Ion: 99 Resp: 421702

Ion Ratio Lower Upper

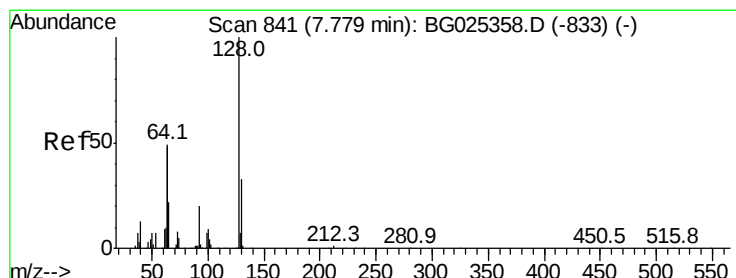
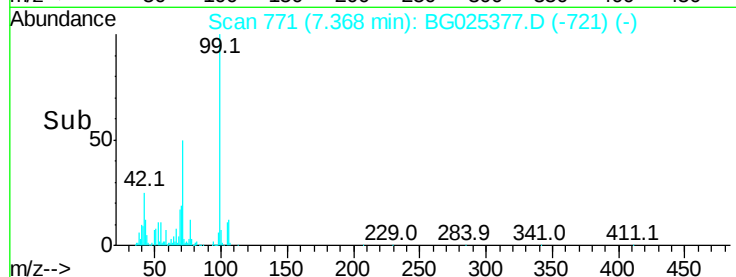
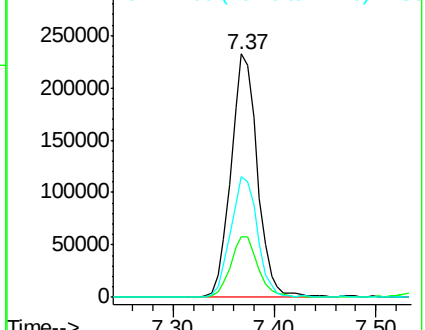
99 100

42 24.6 20.5 30.7

71 49.7 37.6 56.4



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



#8

2-Chlorophenol

Concen: 40.63 ng

RT: 7.77 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

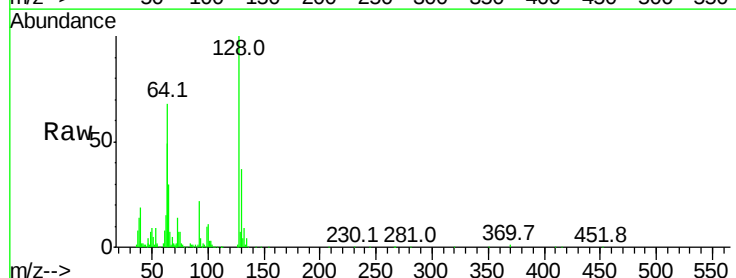
Tgt Ion: 128 Resp: 163126

Ion Ratio Lower Upper

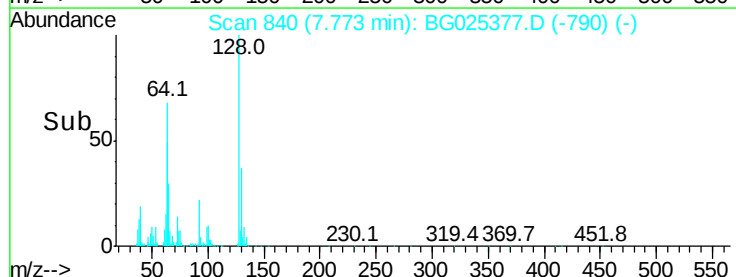
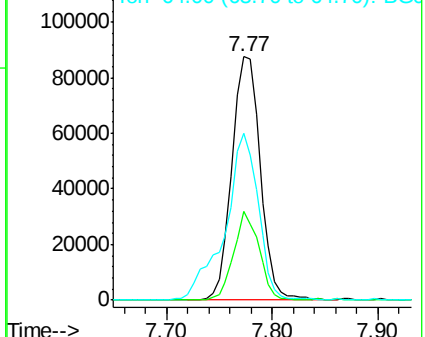
128 100

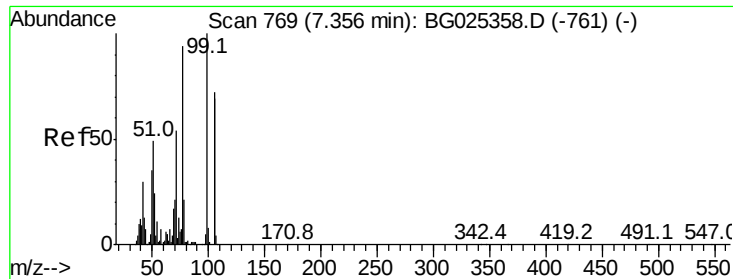
130 36.6 11.4 51.4

64 68.3 46.6 86.6



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





#9

Benzaldehyde

Concen: 38.19 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

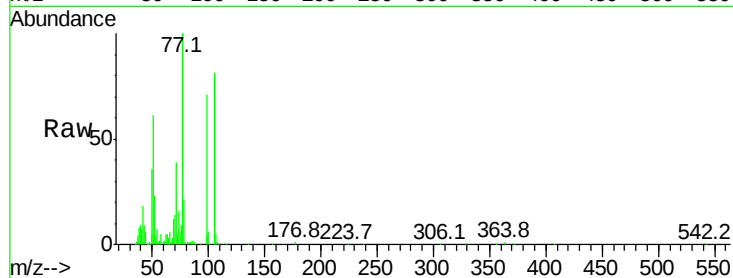
Tot Ion: 77 Resp: 140069

Ion Ratio Lower Upper

77 100

105 81.5 60.9 100.9

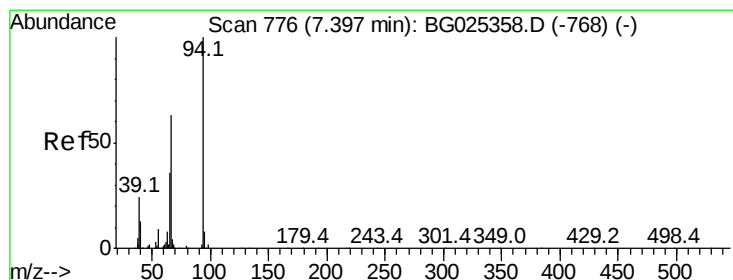
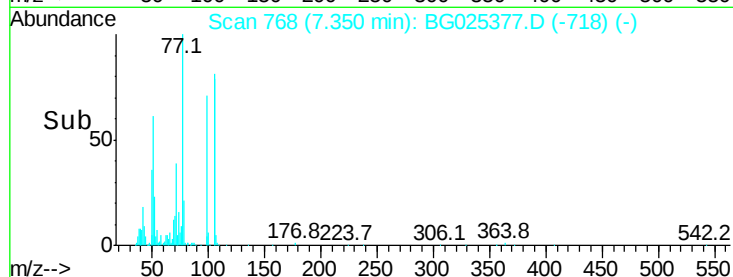
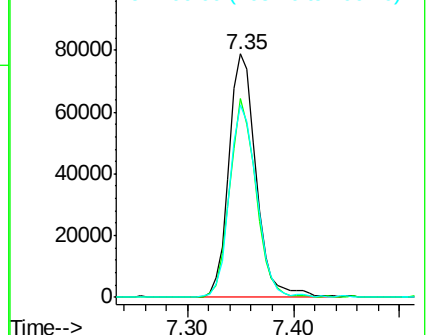
106 79.0 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.78 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

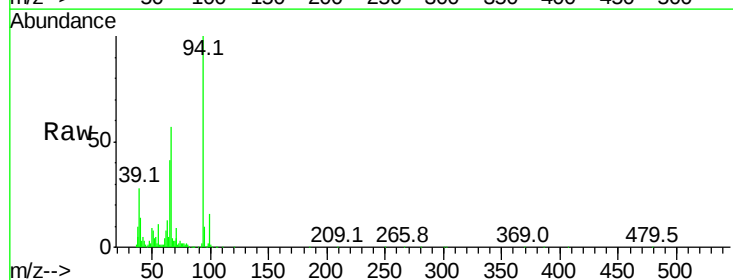
Tgt Ion: 94 Resp: 226632

Ion Ratio Lower Upper

94 100

65 40.5 20.6 60.6

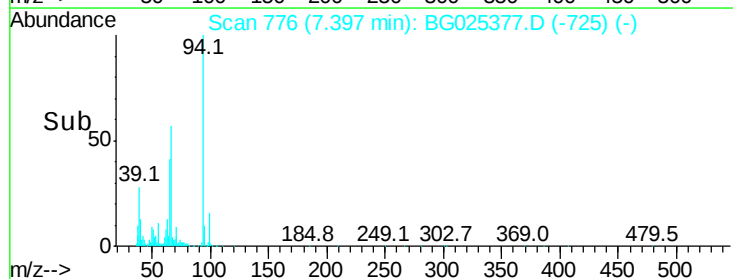
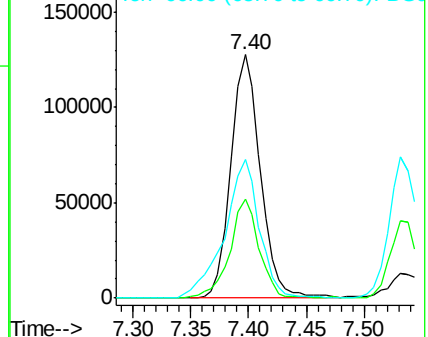
66 56.8 35.5 75.5

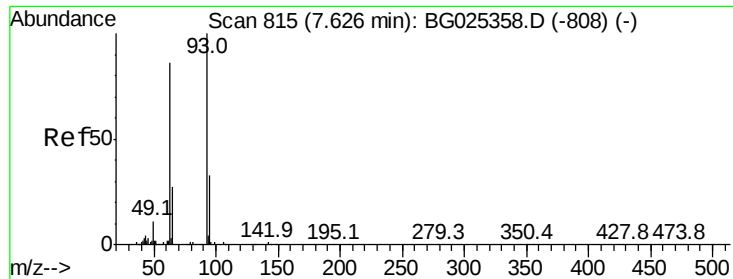


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

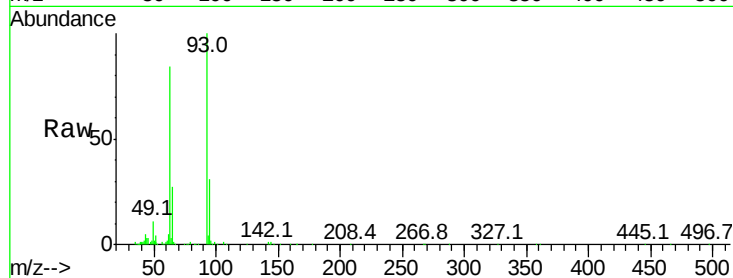
Tot Ion: 93 Resp: 168607

Ion Ratio Lower Upper

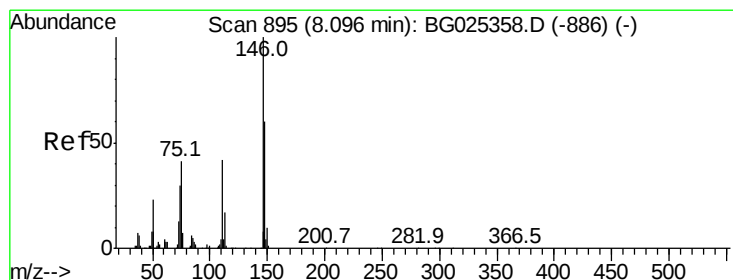
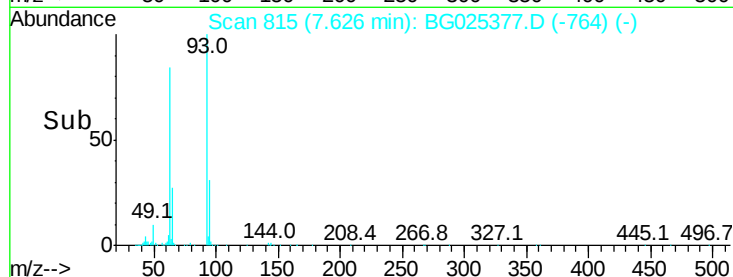
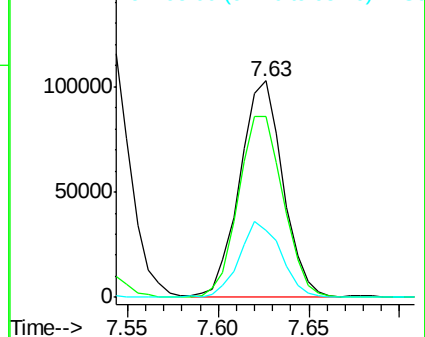
93 100

63 83.7 78.5 118.5

95 30.8 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.12 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

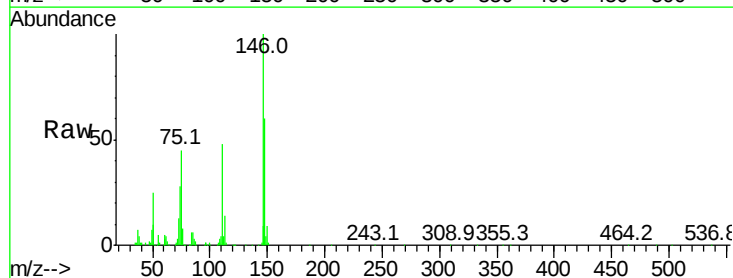
Tgt Ion: 146 Resp: 199803

Ion Ratio Lower Upper

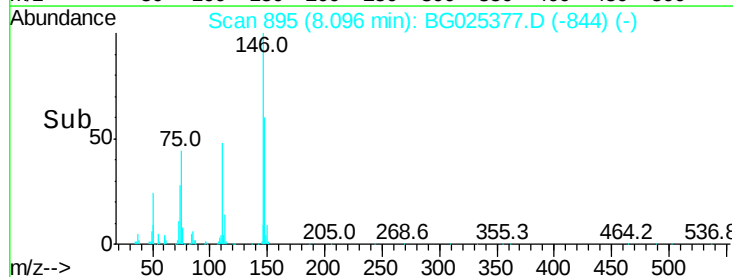
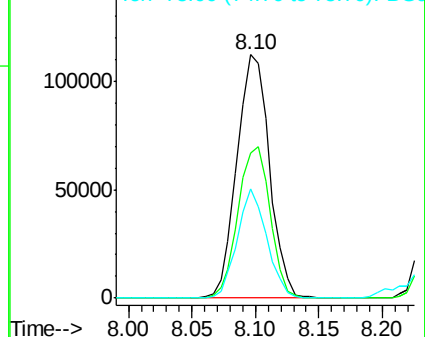
146 100

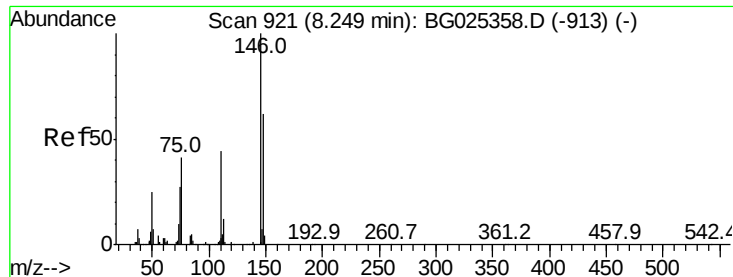
148 59.5 49.2 73.8

75 44.9 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

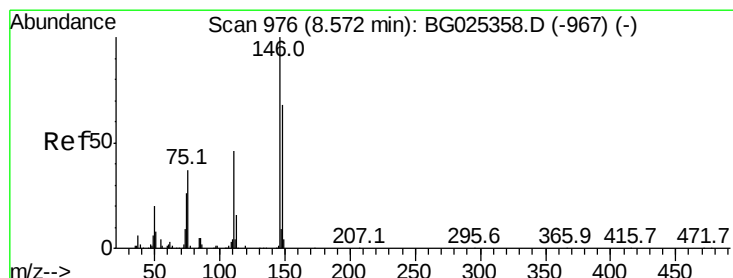
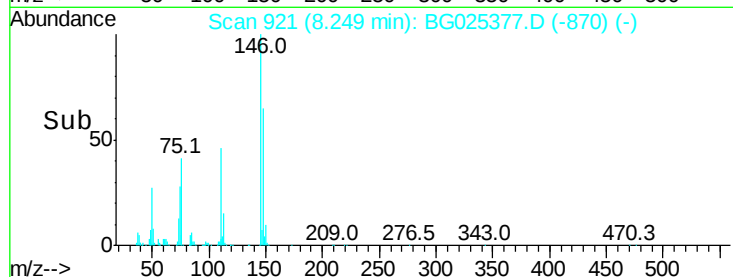
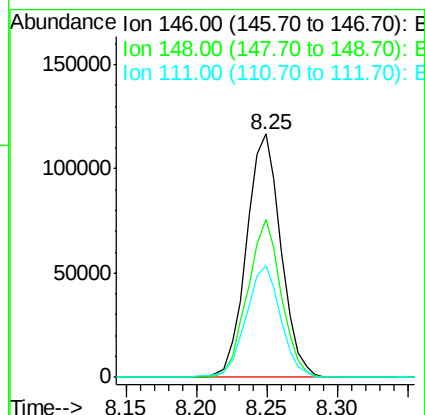
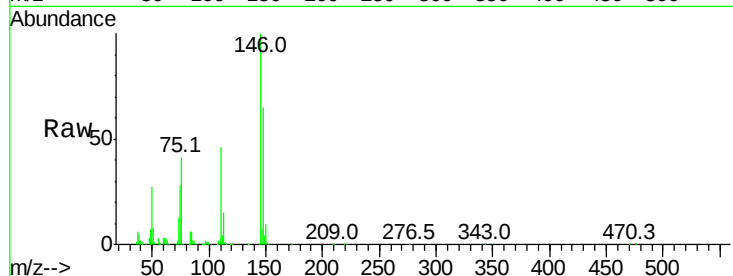




#13
 1,4-Dichlorobenzene
 Concen: 39.60 ng
 RT: 8.25 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

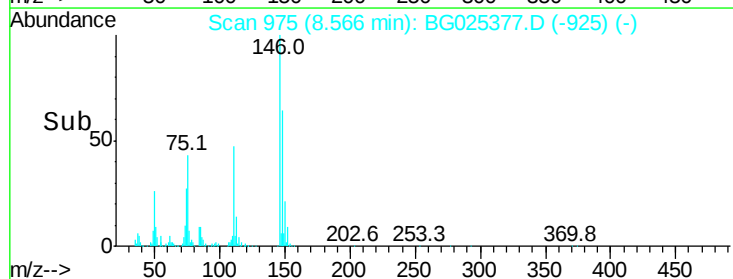
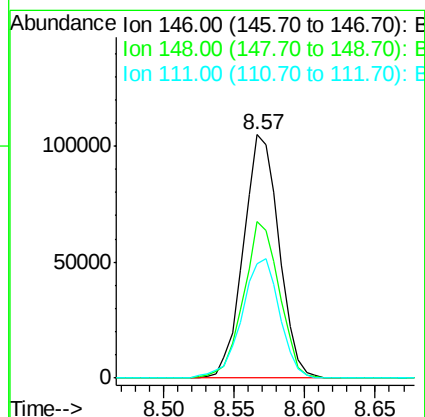
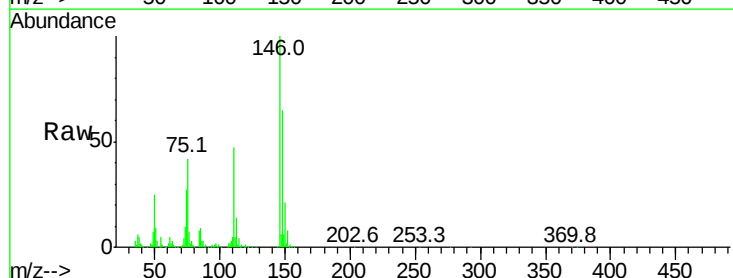
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

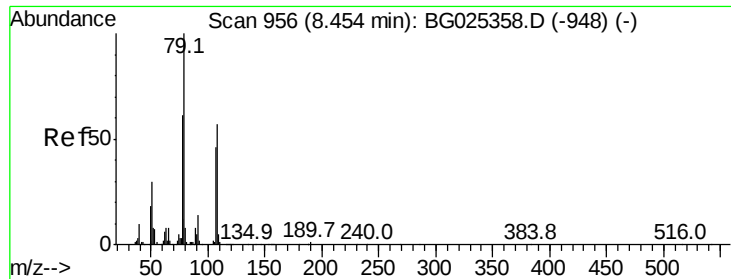
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.2
111	45.7	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 38.54 ng
 RT: 8.57 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	54.6	81.8
111	46.8	39.7	59.5





#15

Benzyl Alcohol

Concen: 43.16 ng

RT: 8.45 min Scan# 956

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

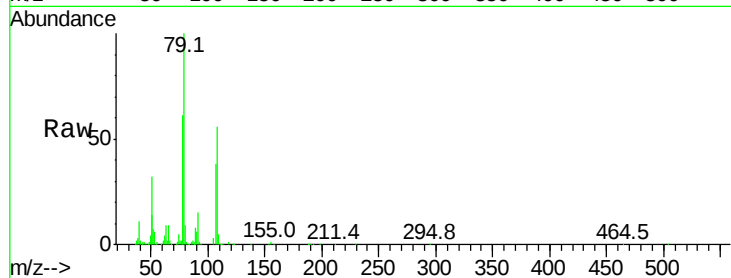
Tot Ion: 79 Resp: 206560

Ion Ratio Lower Upper

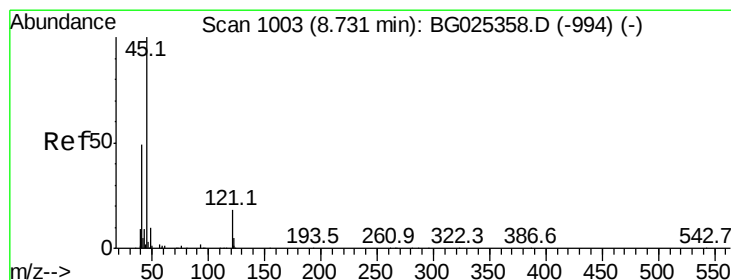
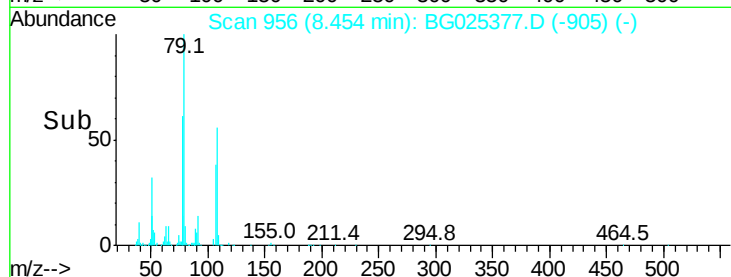
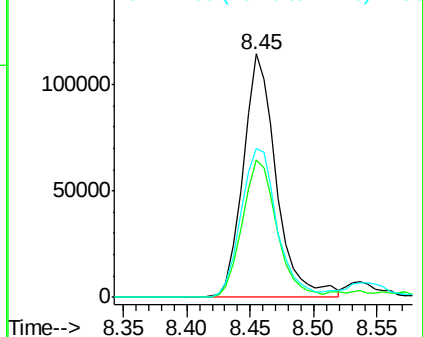
79 100

108 56.4 45.5 68.3

77 61.3 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.35 ng

RT: 8.73 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

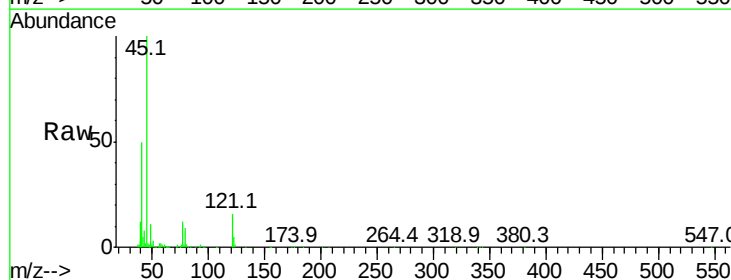
Tgt Ion: 45 Resp: 327901

Ion Ratio Lower Upper

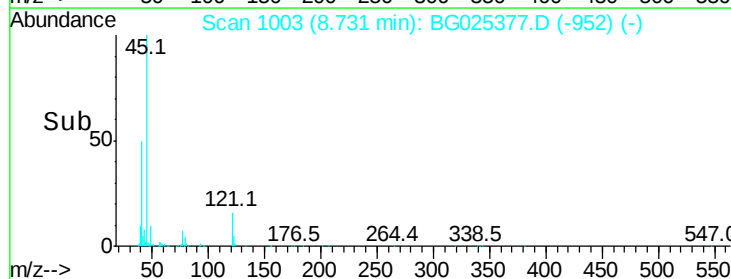
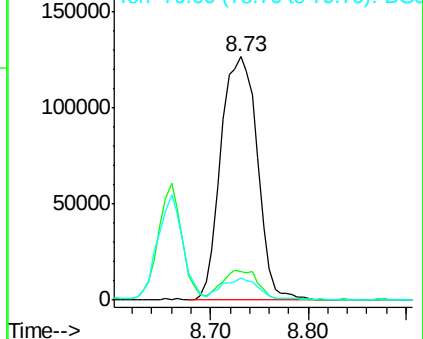
45 100

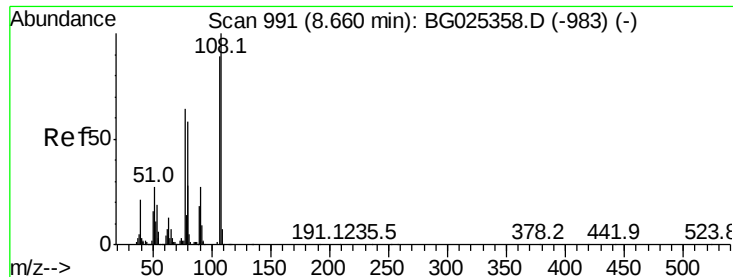
77 11.7 0.0 30.6

79 9.1 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.19 ng

RT: 8.66 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 150329

Ion Ratio Lower Upper

107 100

108 107.8 85.6 128.4

77 67.7 51.4 77.2

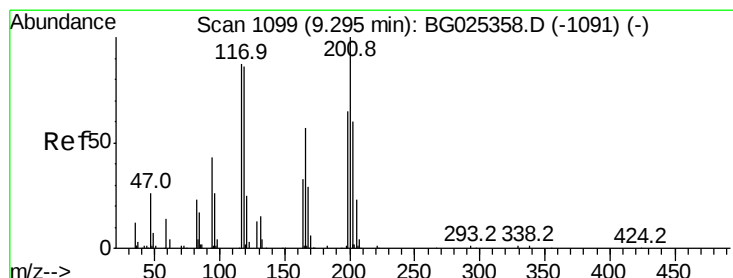
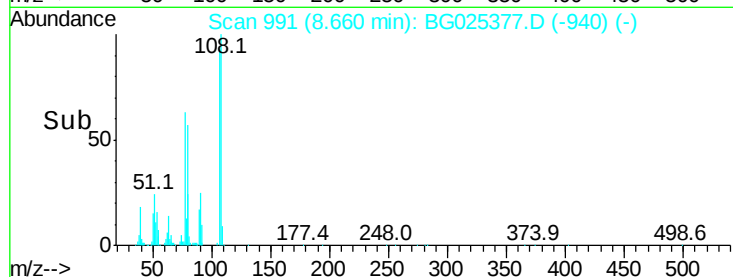
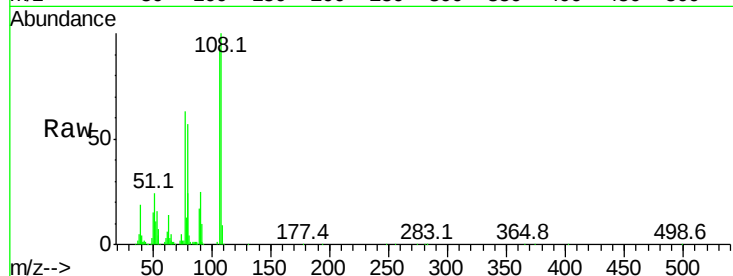
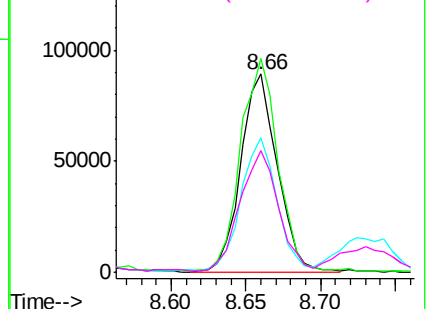
79 61.2 49.2 73.8

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: 39.95 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Tgt Ion:117 Resp: 77259

Ion Ratio Lower Upper

117 100

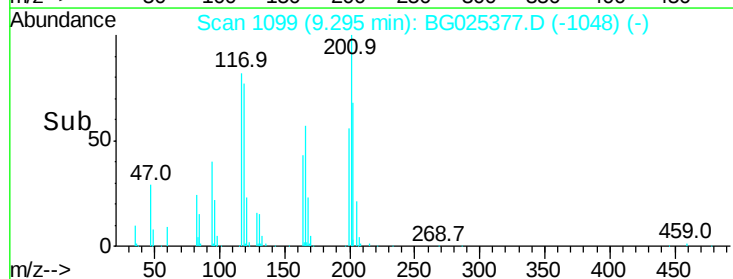
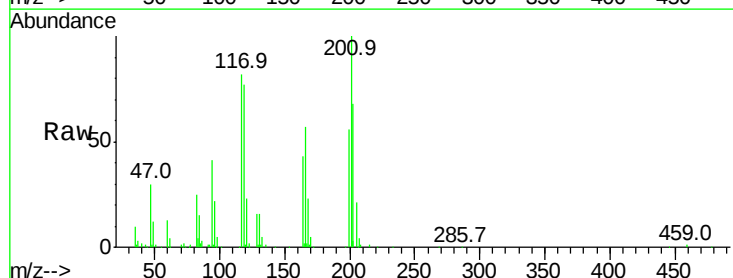
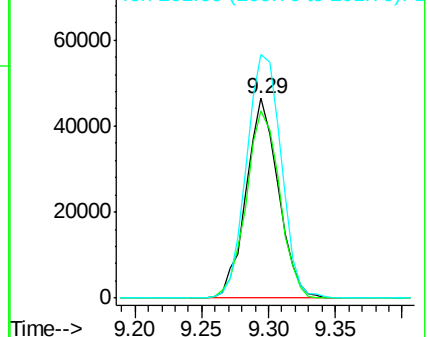
119 93.9 69.8 104.6

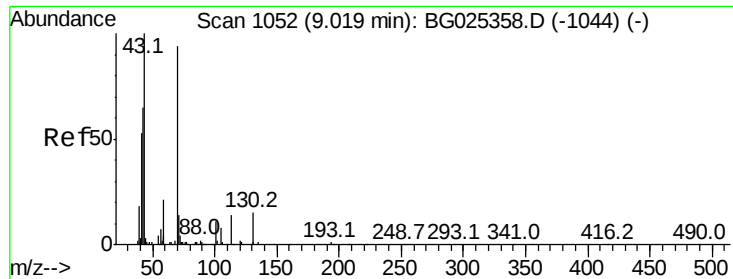
201 122.0 95.4 143.0

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

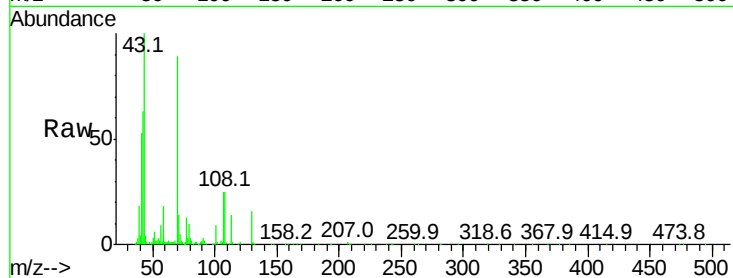




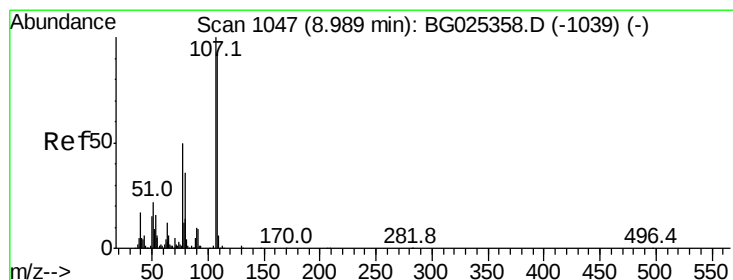
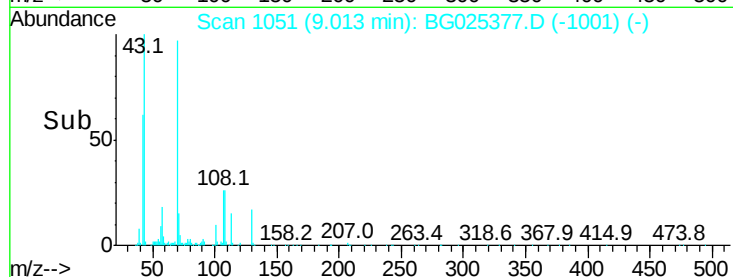
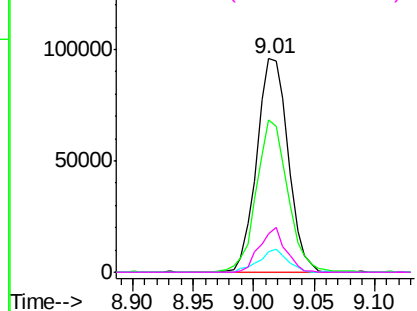
#19
n-Nitroso-di-n-propylamine
Concen: 40.83 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 70 Resp: 172878
Ion Ratio Lower Upper
70 100
42 71.2 56.1 84.1
101 9.9 7.5 11.3
130 17.7 14.6 21.8

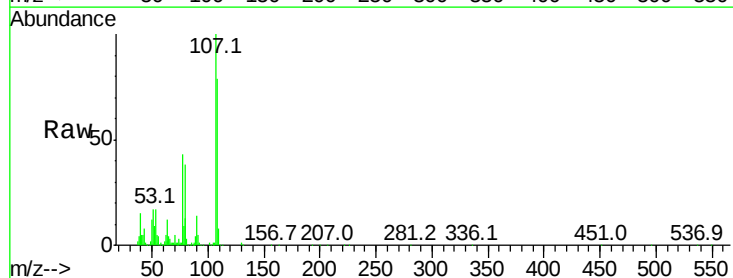


Abundance Ion 70.00 (69.70 to 70.70): BGC
150000 Ion 42.00 (41.70 to 42.70): BGC
100000 Ion 101.00 (100.70 to 101.70): BGC
50000 Ion 130.00 (129.70 to 130.70): BGC

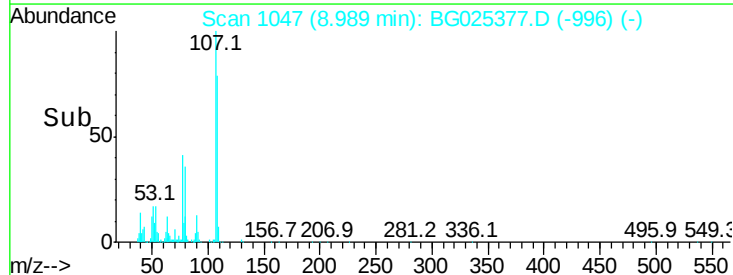
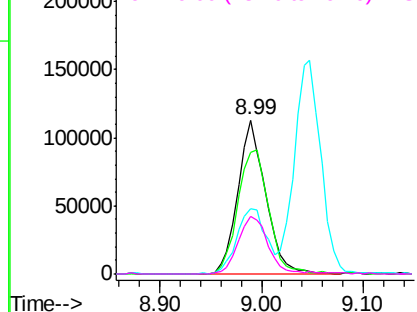


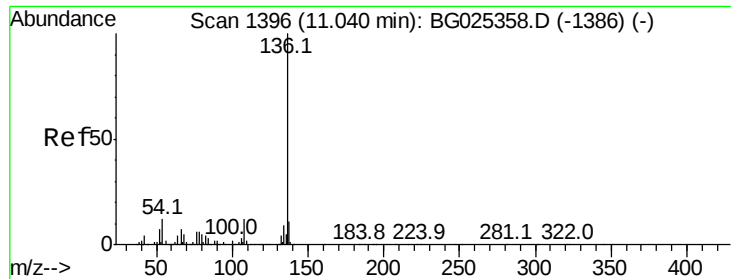
#20
3+4-Methylphenols
Concen: 42.59 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Tgt Ion:107 Resp: 215103
Ion Ratio Lower Upper
107 100
108 78.9 70.8 110.8
77 42.6 25.8 65.8
79 37.8 20.1 60.1



Abundance Ion 107.00 (106.70 to 107.70): BGC
250000 Ion 108.00 (107.70 to 108.70): BGC
200000 Ion 77.00 (76.70 to 77.70): BGC
150000 Ion 79.00 (78.70 to 79.70): BGC

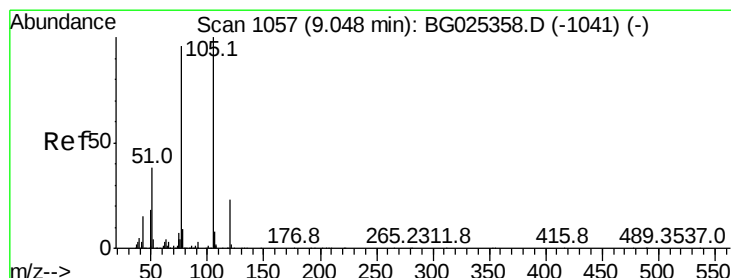
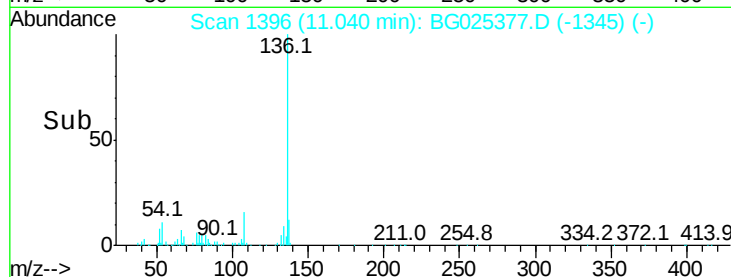
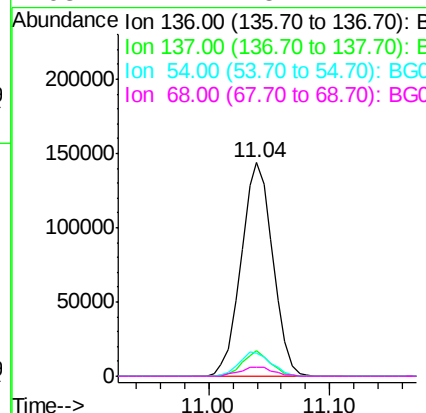
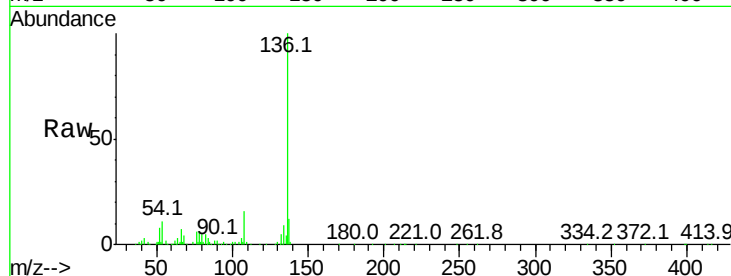




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.04 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

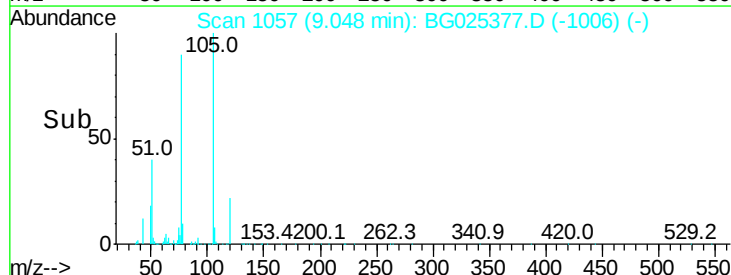
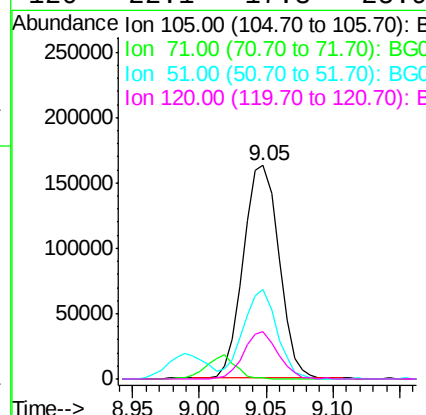
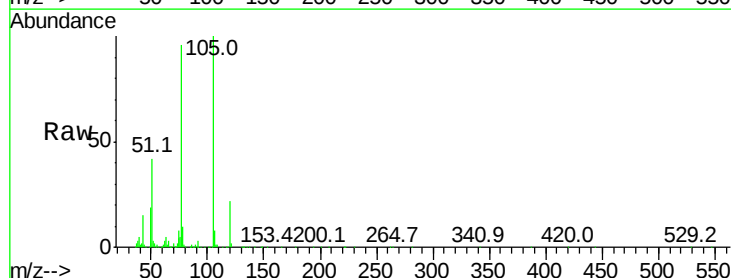
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

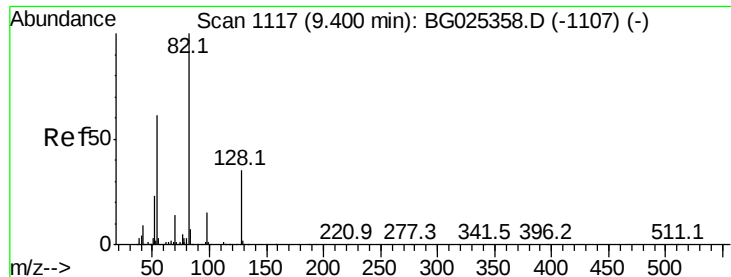
Tot Ion:	136	Resp:	261929
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	10.8	9.3	13.9
68	4.2	5.1	7.7#



#22
Acetophenone
Concen: 41.36 ng
RT: 9.05 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Tgt Ion:	105	Resp:	300990
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.9	1.3#
51	41.8	34.0	51.0
120	22.1	17.3	25.9

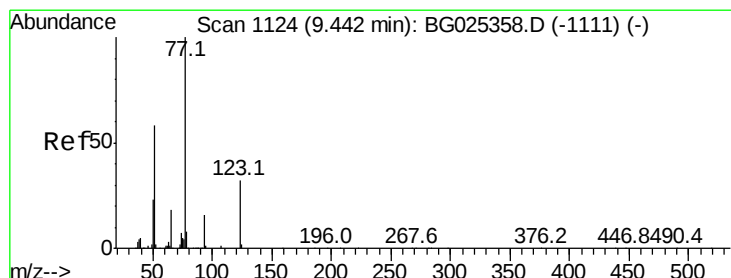
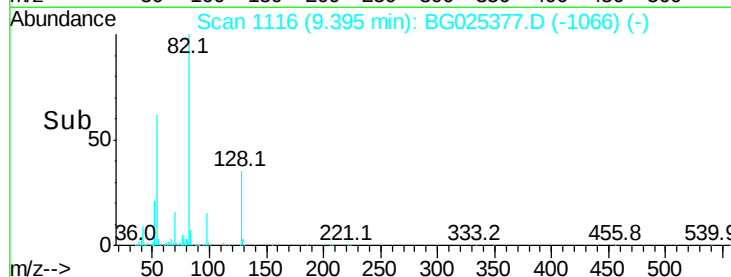
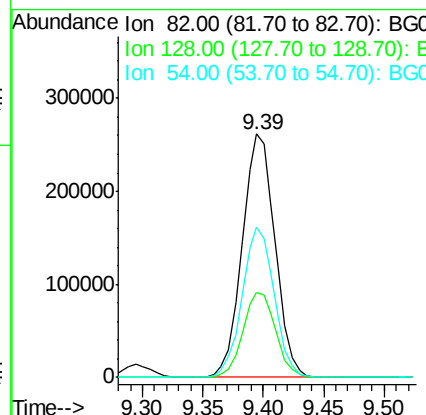
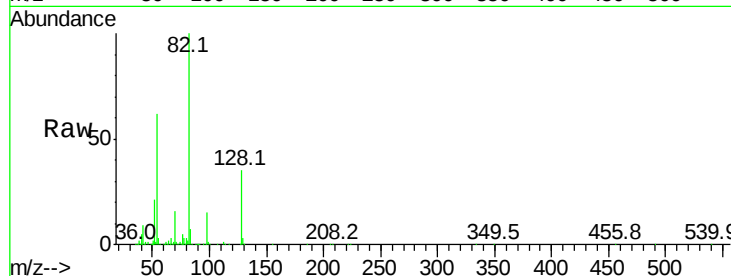




#23
 Nitrobenzene-d5
 Concen: 83.27 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

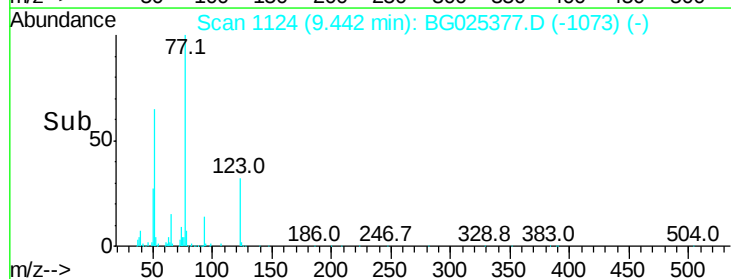
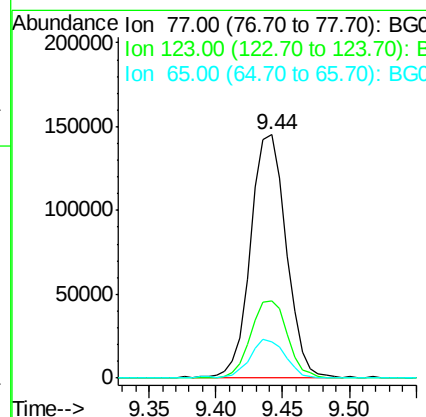
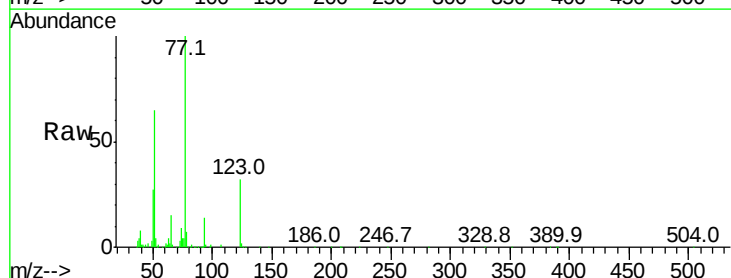
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

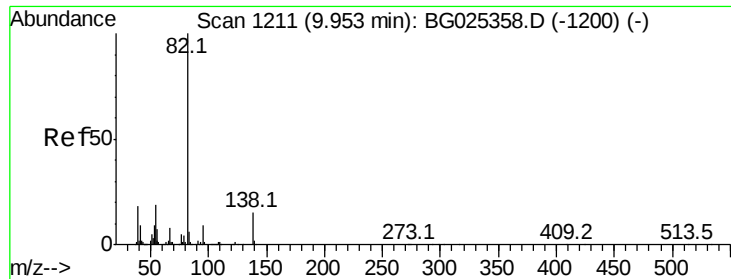
Tot Ion	82	Resp	493734
Ion	Ratio	Lower	Upper
82	100		
128	35.0	26.4	39.6
54	61.7	49.4	74.2



#24
 Nitrobenzene
 Concen: 40.96 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Tgt Ion	77	Resp	266350
Ion	Ratio	Lower	Upper
77	100		
123	31.9	26.1	39.1
65	14.8	12.4	18.6





#25

Isophorone

Concen: 42.93 ng

RT: 9.95 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

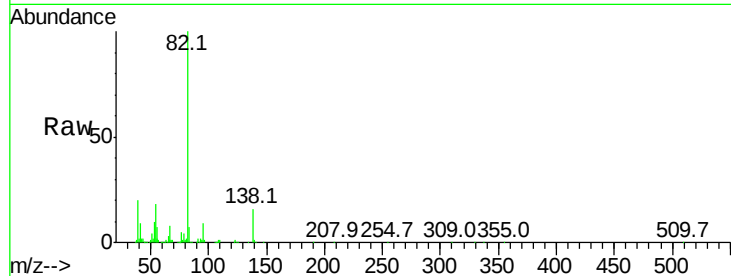
Tot Ion: 82 Resp: 460842

Ion Ratio Lower Upper

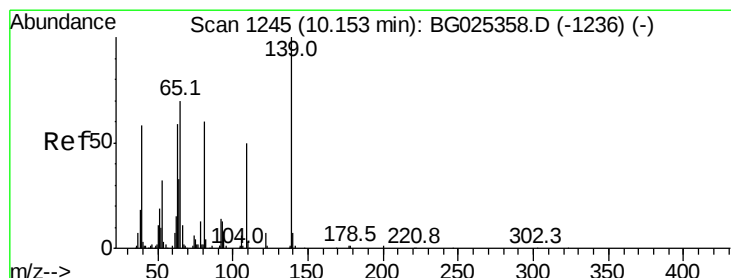
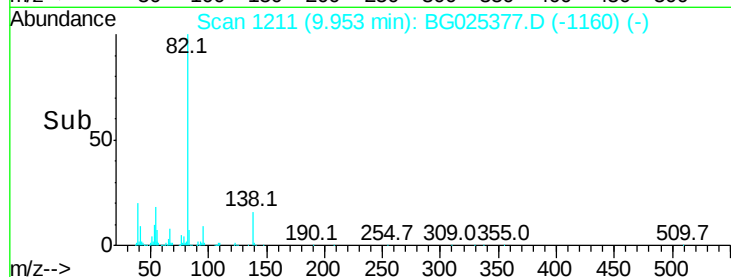
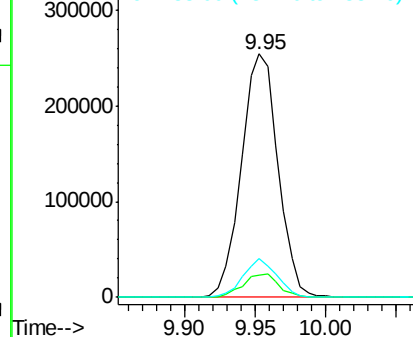
82 100

95 9.3 7.5 11.3

138 15.8 12.3 18.5



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: 43.26 ng

RT: 10.15 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

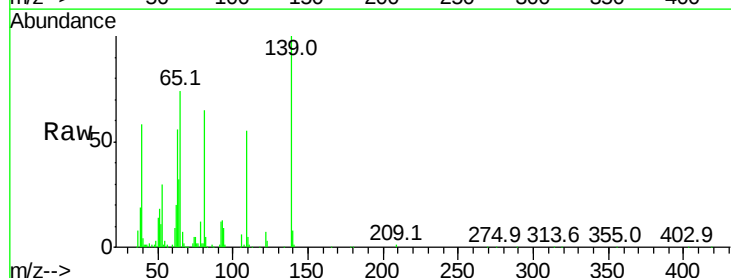
Tgt Ion: 139 Resp: 107596

Ion Ratio Lower Upper

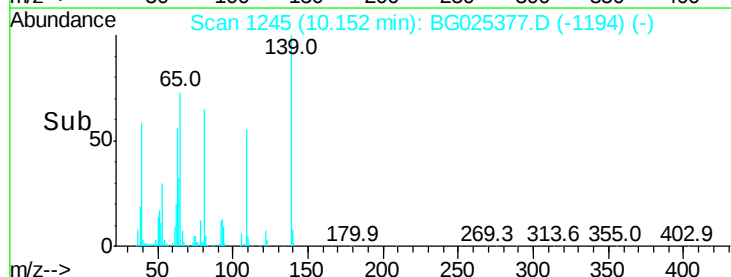
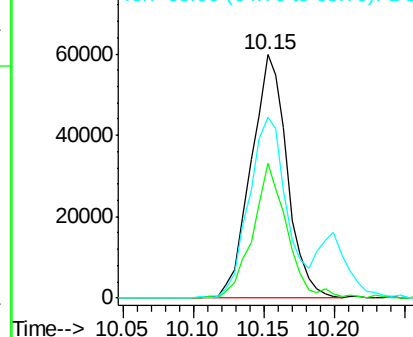
139 100

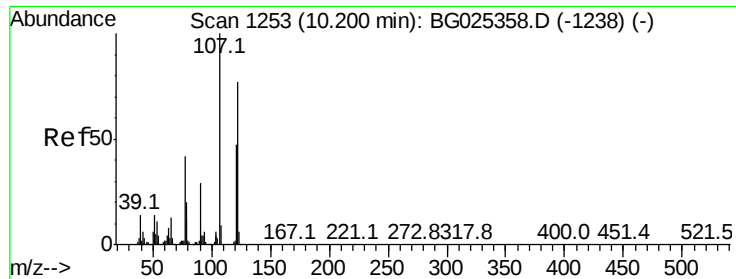
109 55.2 38.6 58.0

65 74.2 57.1 85.7



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: 43.46 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

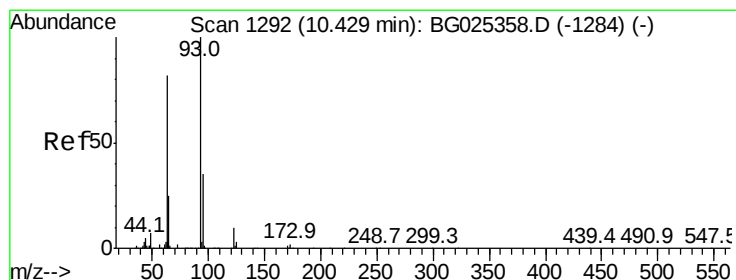
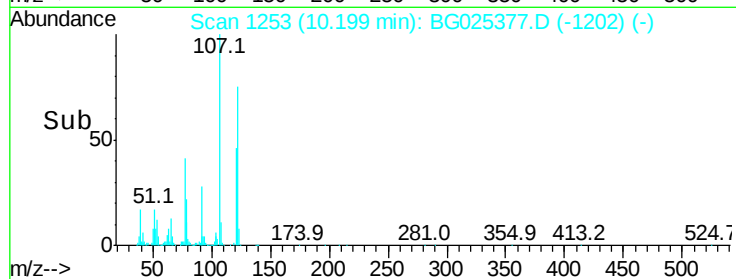
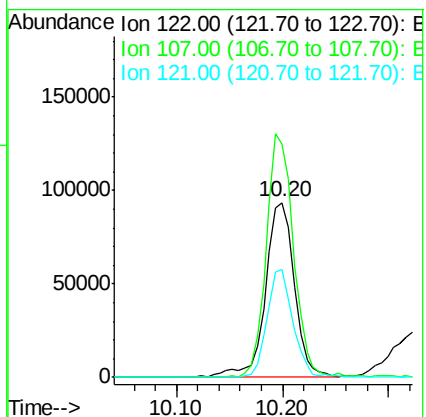
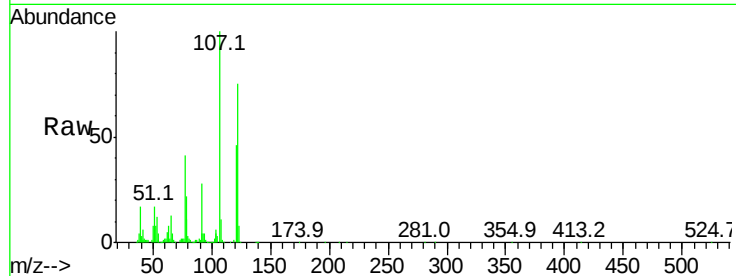
Tot Ion:122 Resp: 177724

Ion Ratio Lower Upper

122 100

107 133.6 104.2 156.4

121 61.6 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.46 ng

RT: 10.43 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

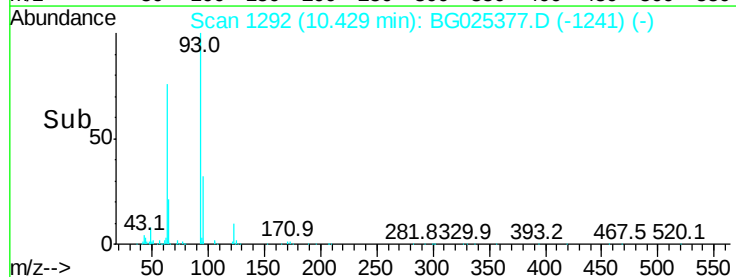
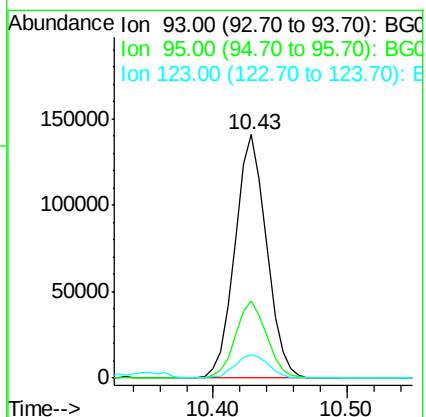
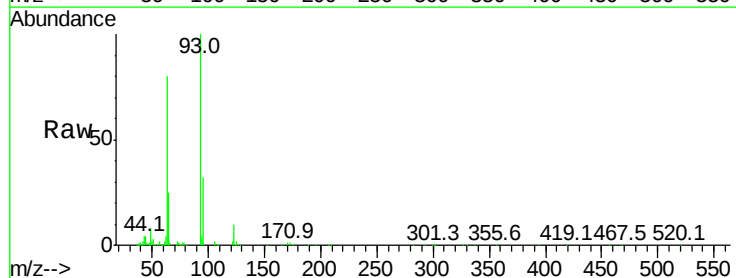
Tgt Ion: 93 Resp: 231129

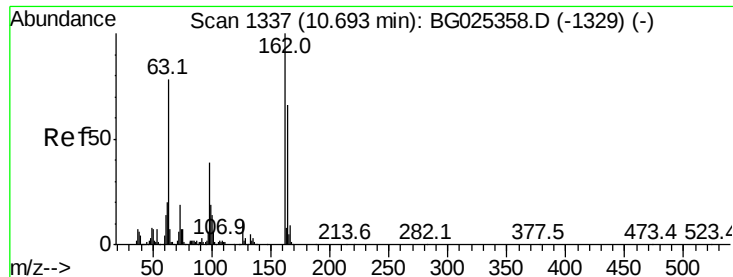
Ion Ratio Lower Upper

93 100

95 32.0 25.7 38.5

123 9.9 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 43.67 ng

RT: 10.69 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

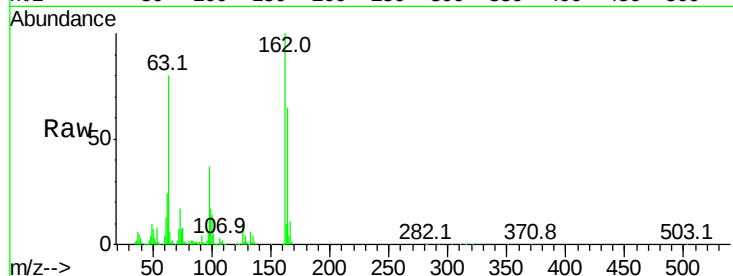
Tot Ion:162 Resp: 191111

Ion Ratio Lower Upper

162 100

164 65.4 42.4 82.4

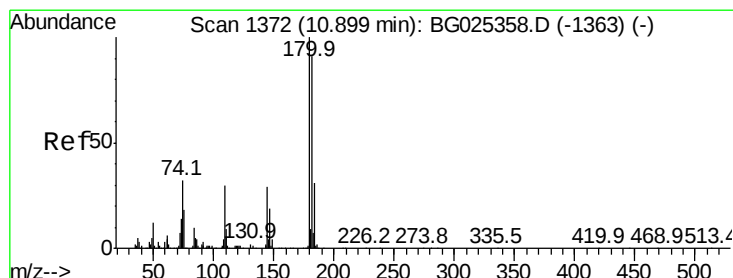
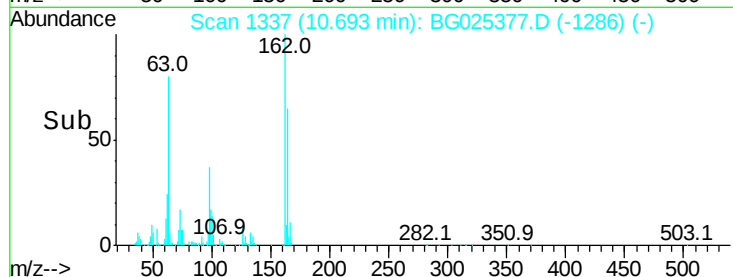
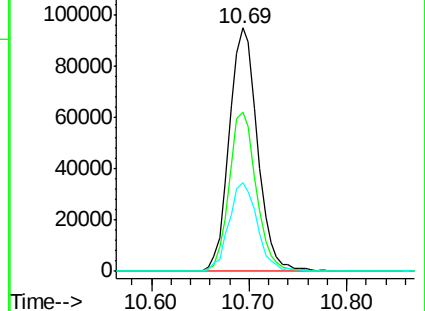
98 36.5 20.3 60.3



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: 40.72 ng

RT: 10.90 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

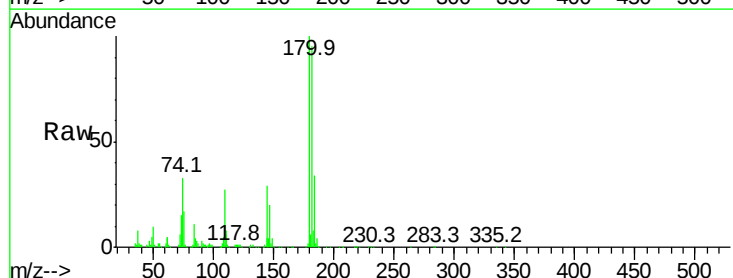
Tgt Ion:180 Resp: 215266

Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.4

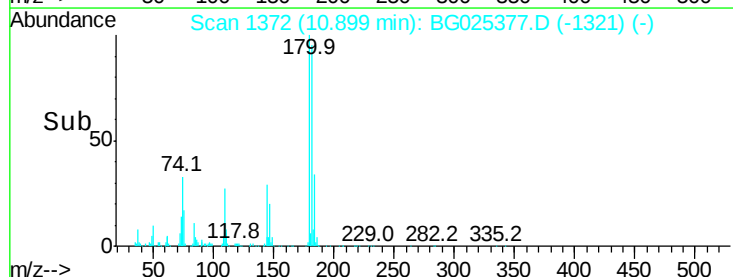
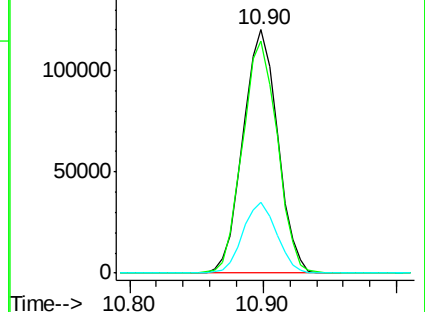
145 29.3 23.4 35.0

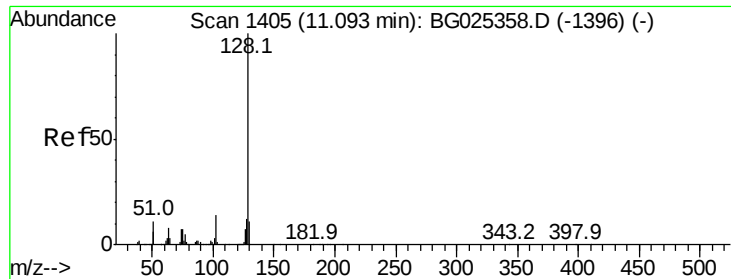


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.47 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

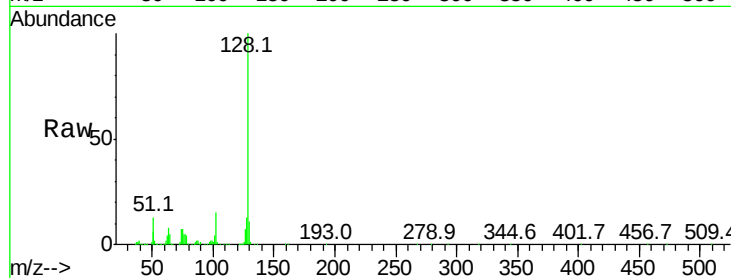
Tot Ion:128 Resp: 542444

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

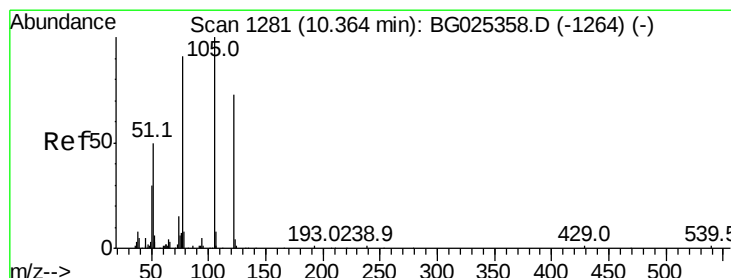
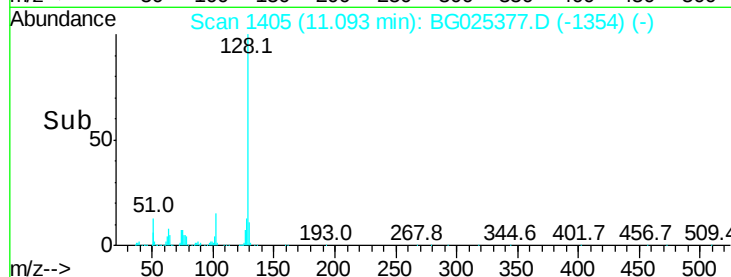
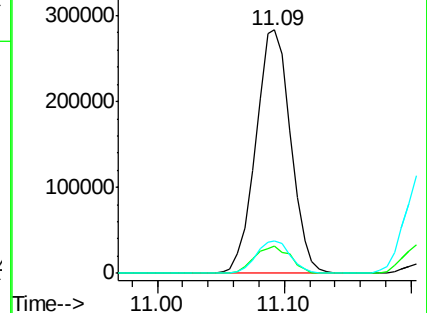
127 13.4 11.4 17.0



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: 39.66 ng

RT: 10.36 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

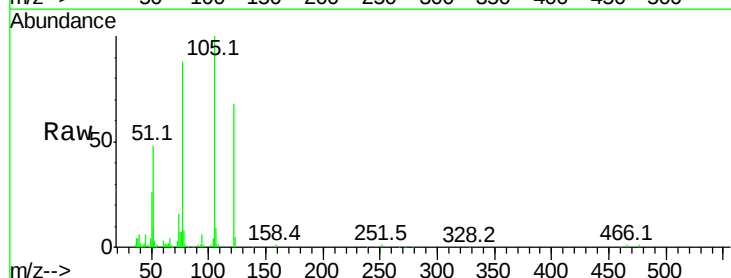
Tgt Ion:122 Resp: 130422

Ion Ratio Lower Upper

122 100

105 148.1 120.1 160.1

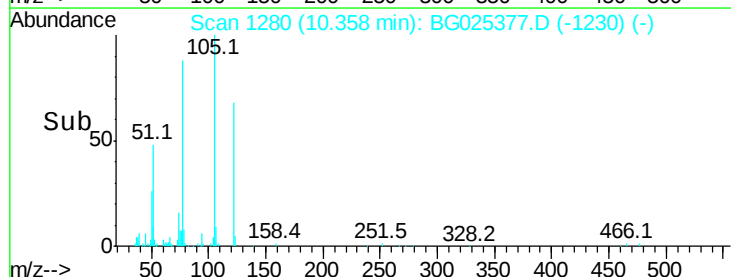
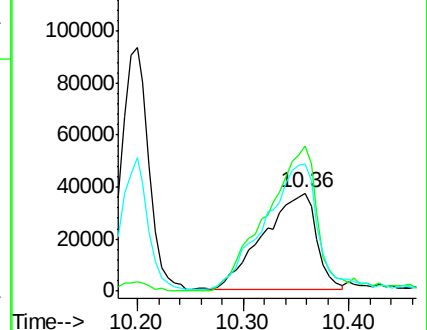
77 129.9 104.6 144.6

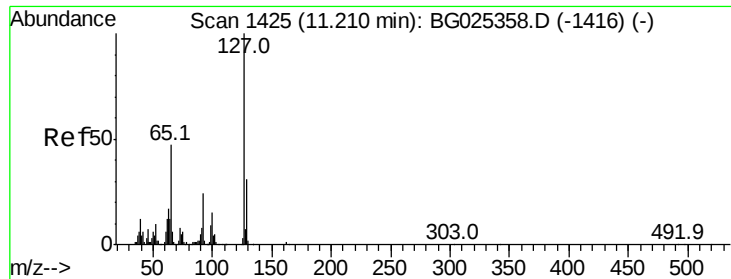


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

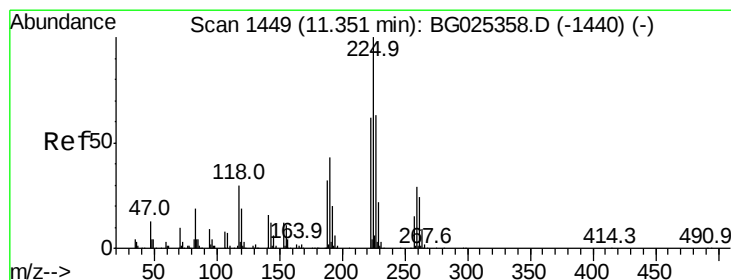
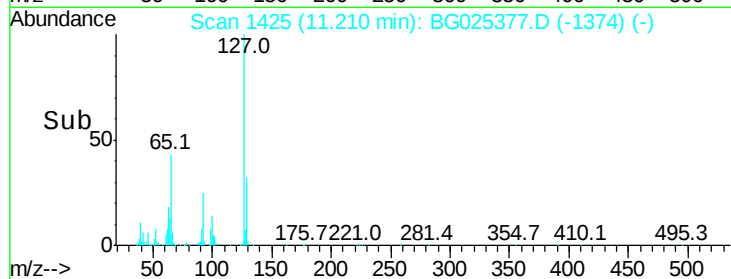
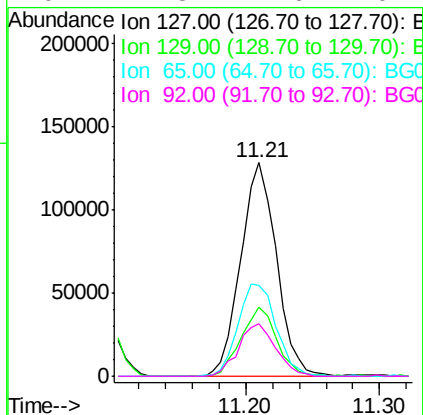
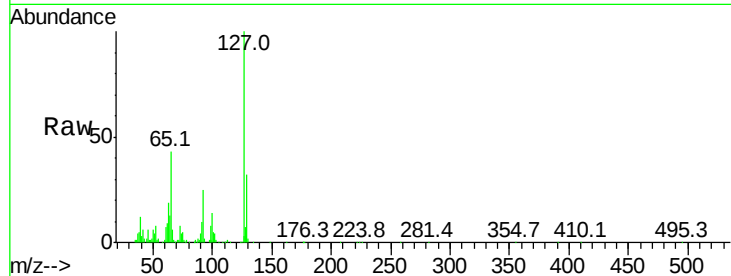




#33
4-Chloroaniline
Concen: 43.39 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

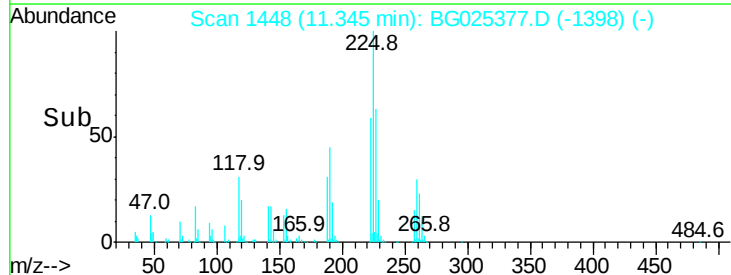
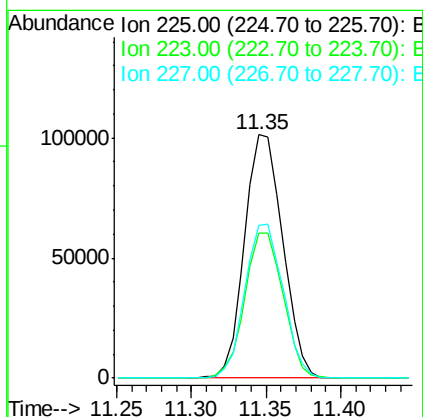
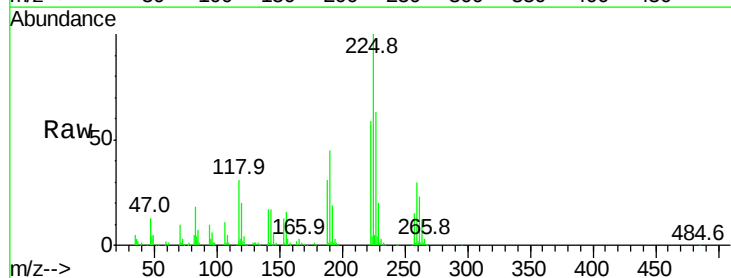
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

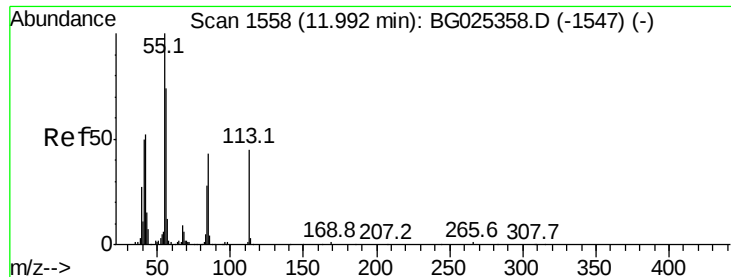
Tot Ion:	127	Resp:	238723
Ion	Ratio	Lower	Upper
127	100		
129	32.4	23.6	35.4
65	42.7	37.7	56.5
92	24.8	17.6	26.4



#34
Hexachlorobutadiene
Concen: 41.58 ng
RT: 11.35 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Tgt Ion:	225	Resp:	179442
Ion	Ratio	Lower	Upper
225	100		
223	59.4	50.7	76.1
227	62.5	49.0	73.6





#35

Caprolactam

Concen: 40.73 ng

RT: 11.99 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

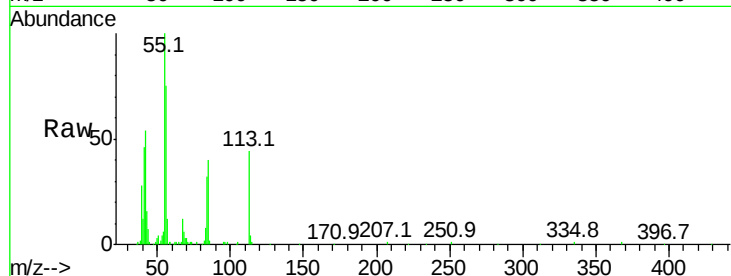
Tot Ion:113 Resp: 66960

Ion Ratio Lower Upper

113 100

55 227.0 198.6 238.6

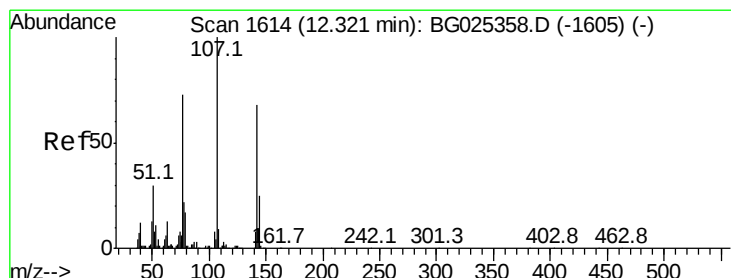
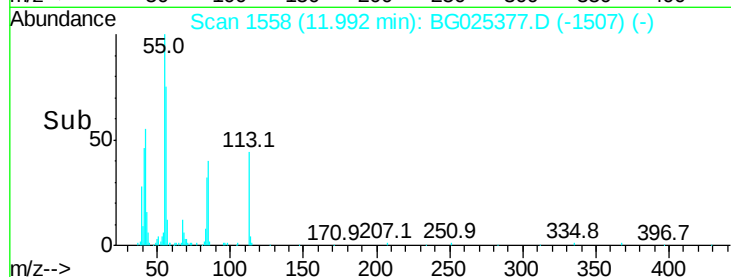
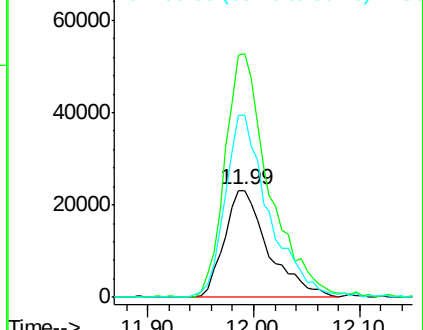
56 170.3 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.87 ng

RT: 12.32 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

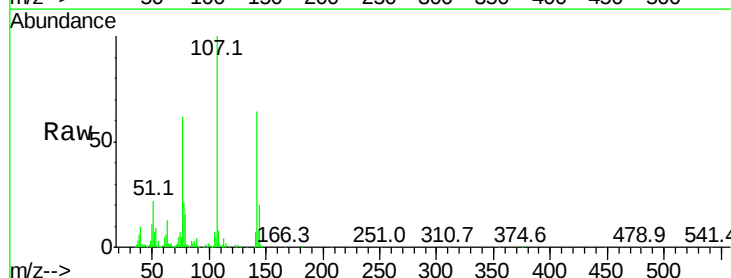
Tgt Ion:107 Resp: 226164

Ion Ratio Lower Upper

107 100

144 20.5 17.4 26.0

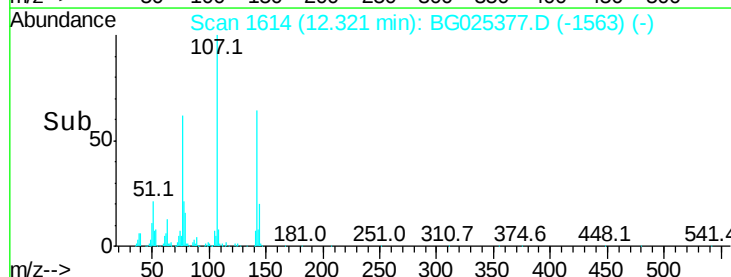
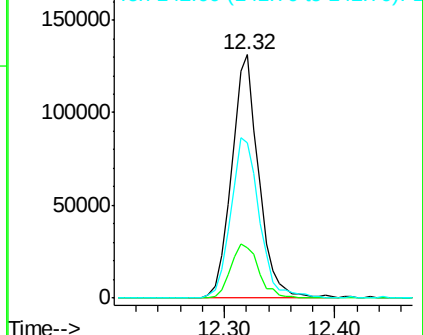
142 63.9 54.1 81.1

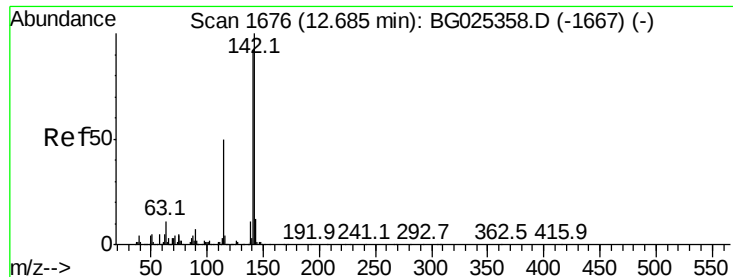


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.91 ng

RT: 12.68 min Scan# 1675

Delta R.T. -0.01 min

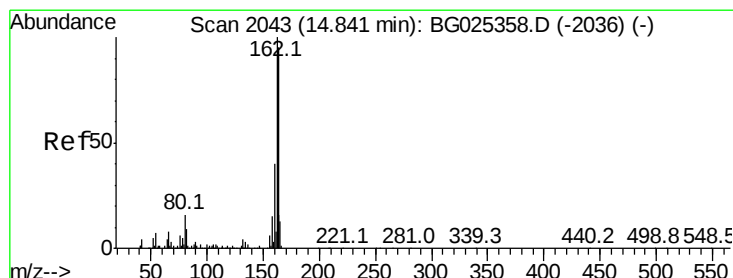
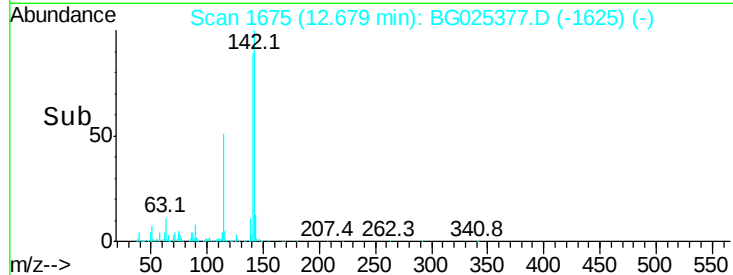
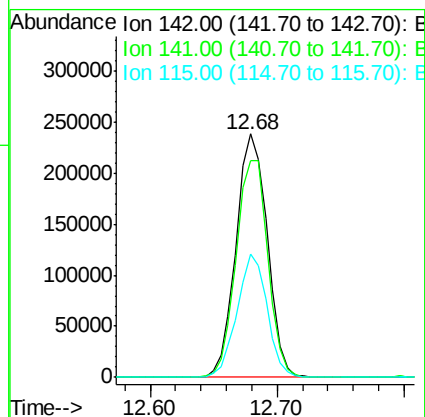
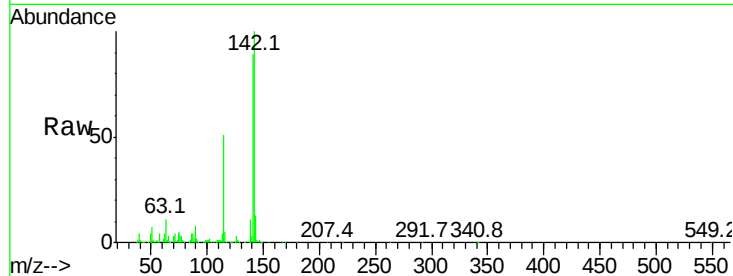
Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 406222

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.4	105.6
115	50.9	35.5	53.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2043

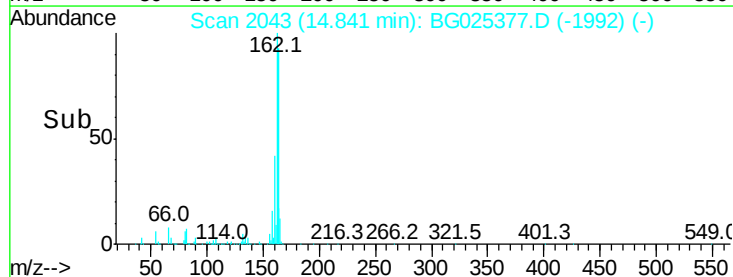
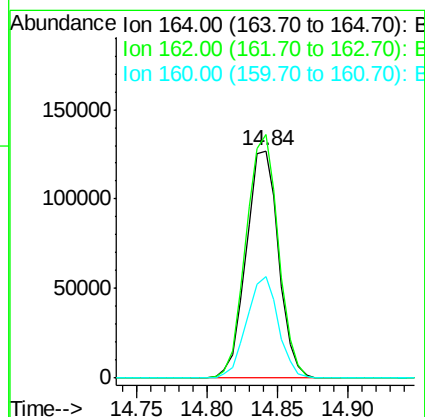
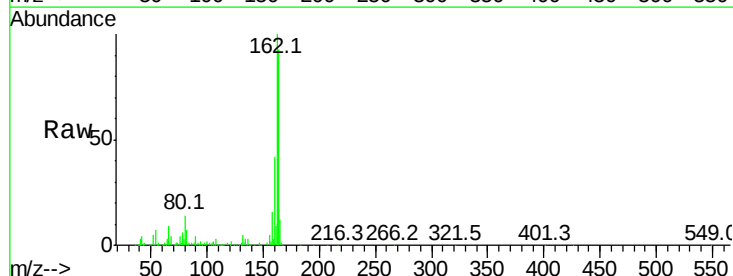
Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Tgt Ion:164 Resp: 204657

Ion	Ratio	Lower	Upper
164	100		
162	107.3	85.1	127.7
160	44.7	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.96 ng

RT: 13.04 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 290273

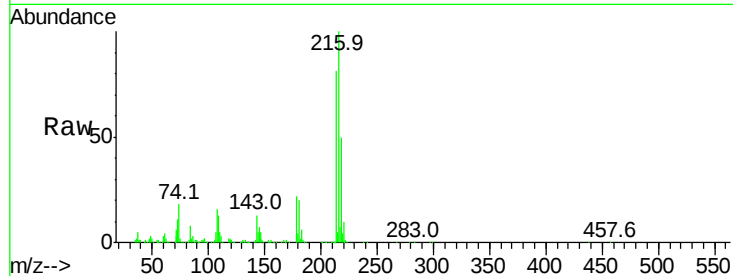
Ion Ratio Lower Upper

216 100

214 78.6 64.4 96.6

179 20.9 17.4 26.0

108 16.7 15.6 23.4

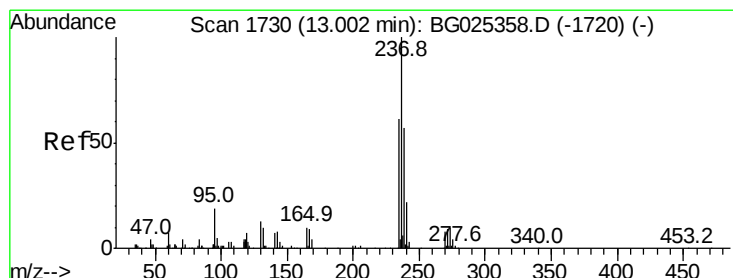
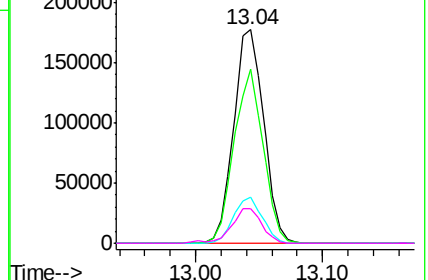
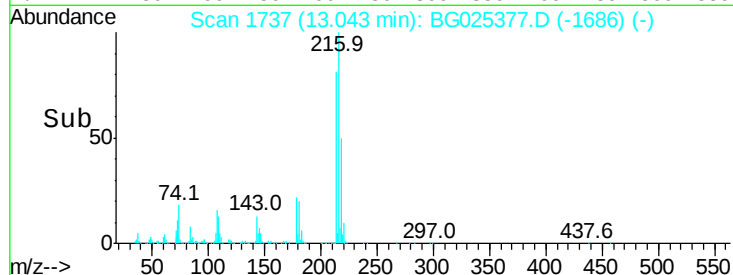


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.47 ng

RT: 13.00 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

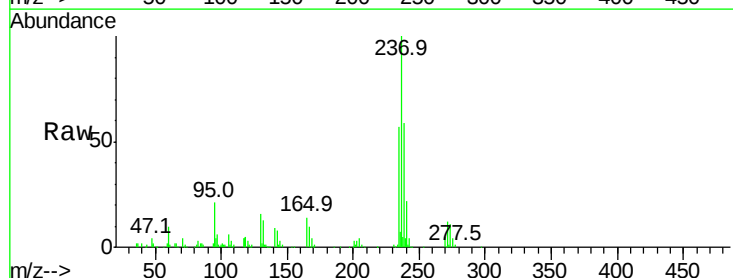
Tgt Ion:237 Resp: 99314

Ion Ratio Lower Upper

237 100

235 56.9 39.4 79.4

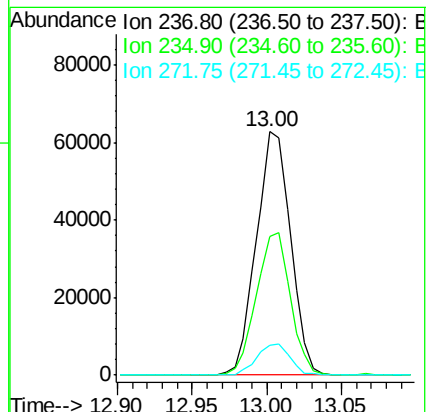
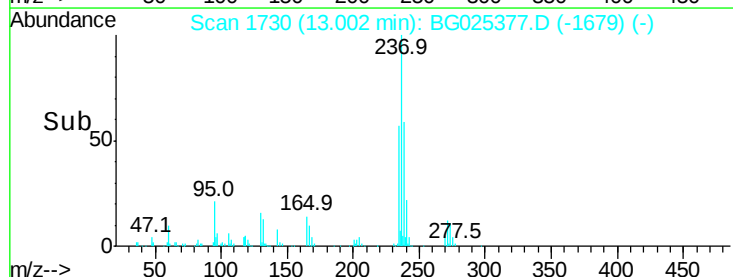
272 12.5 0.0 32.0

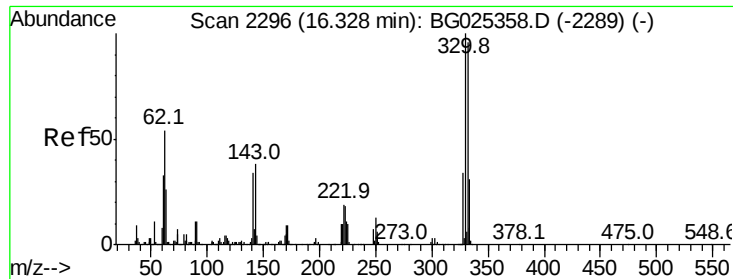


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

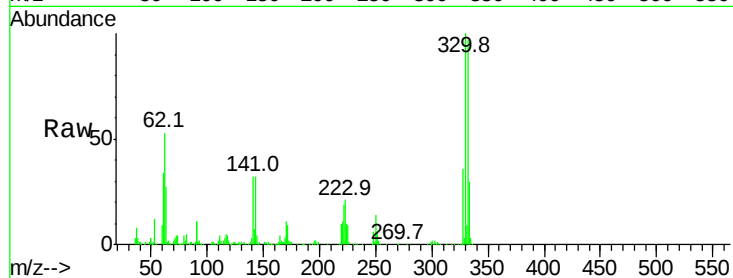




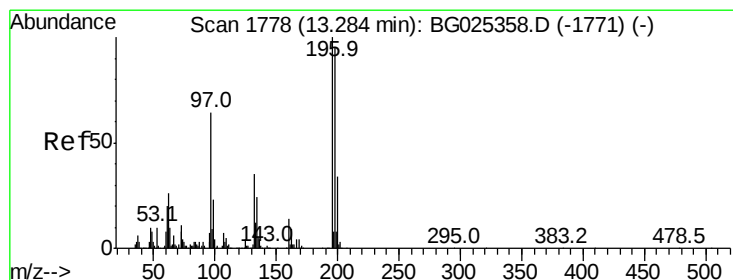
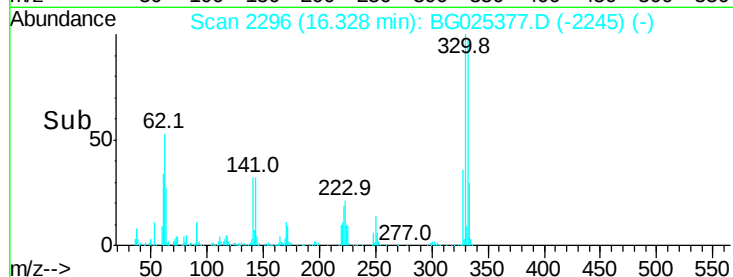
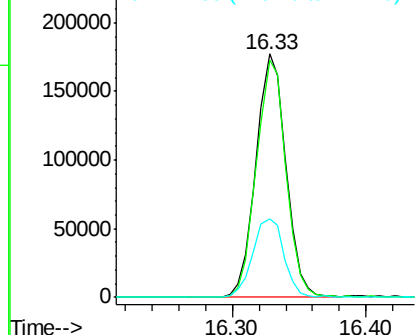
#41
 2,4,6-Tribromophenol
 Concen: 83.14 ng
 RT: 16.33 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.8	32.1	48.1

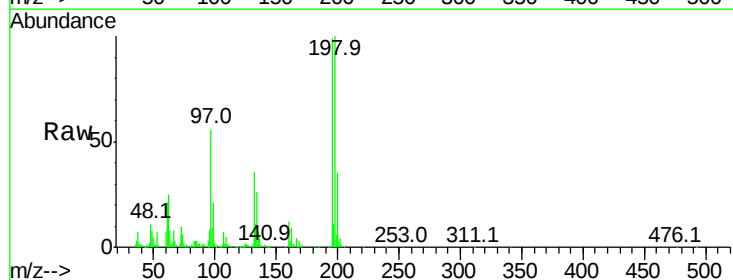


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

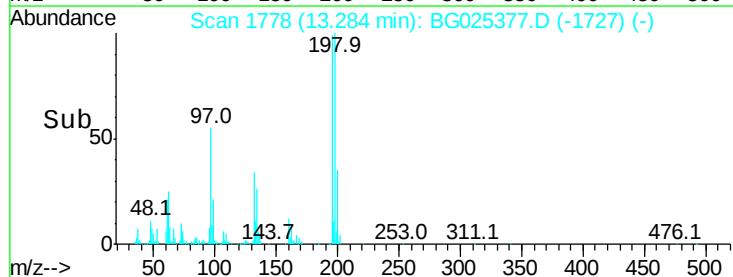
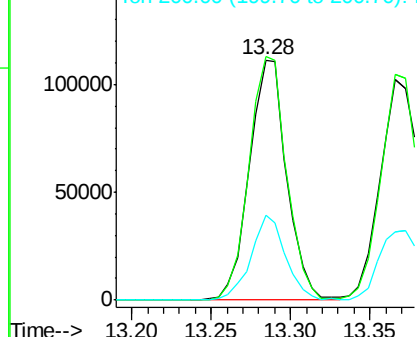


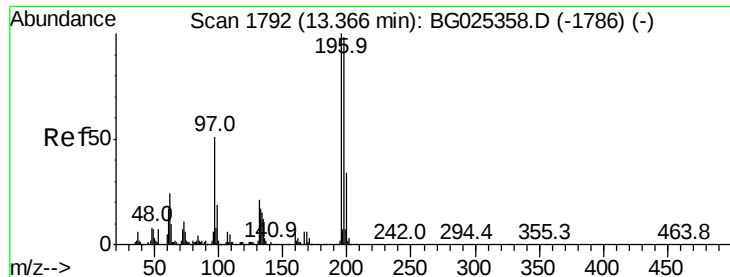
#42
 2,4,6-Trichlorophenol
 Concen: 42.99 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	81.4	122.2
200	35.6	27.0	40.6



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

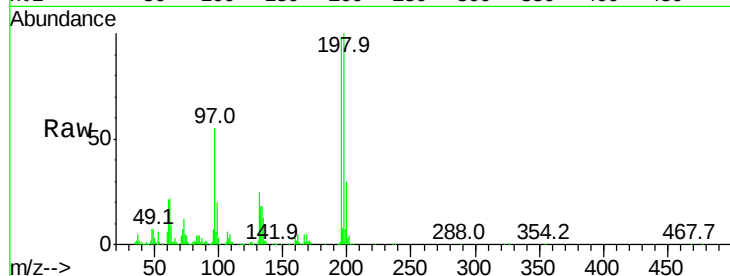




#43
 2,4,5-Trichlorophenol
 Concen: 42.16 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.4	79.9	119.9
97	55.8	45.4	68.0
132	25.6	20.7	31.1



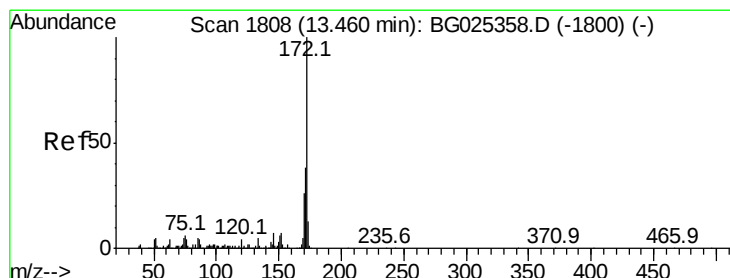
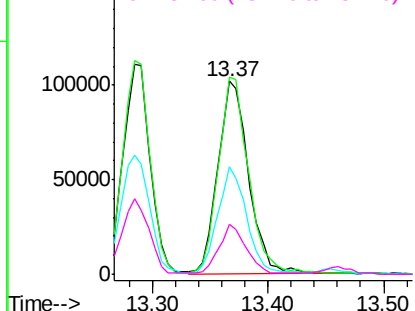
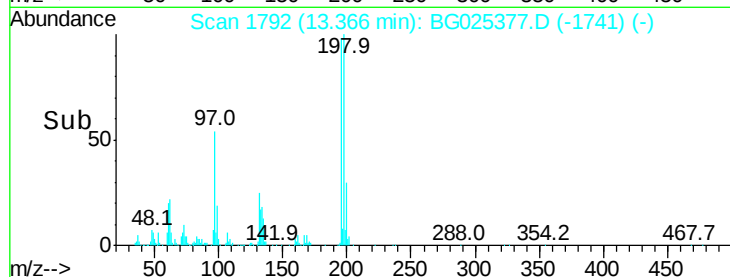
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

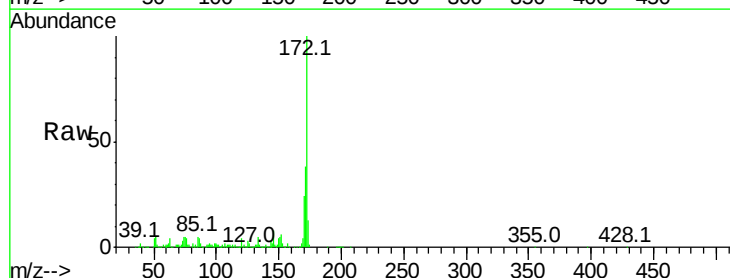
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.66 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.2	48.2
170	24.4	21.8	32.6

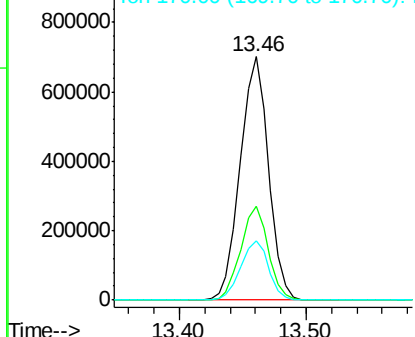
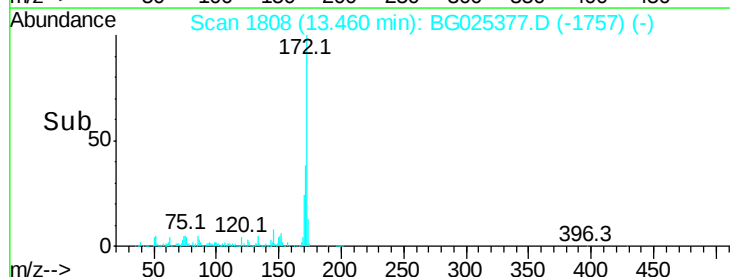


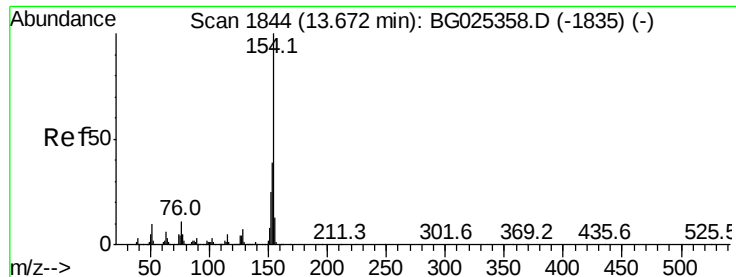
Abundance

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: 43.23 ng

RT: 13.67 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

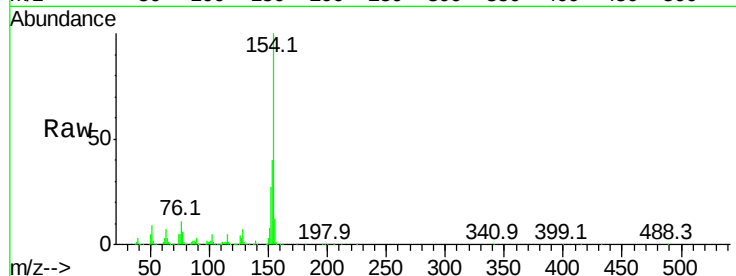
Tot Ion:154 Resp: 595104

Ion Ratio Lower Upper

154 100

153 40.3 23.0 63.0

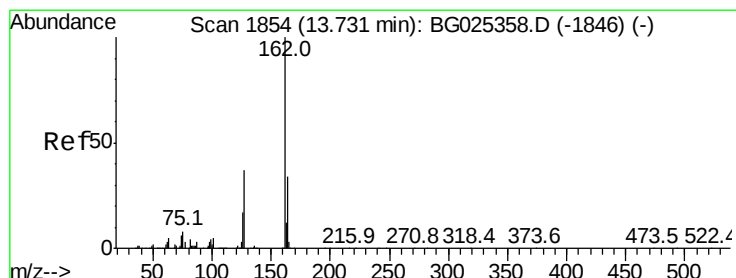
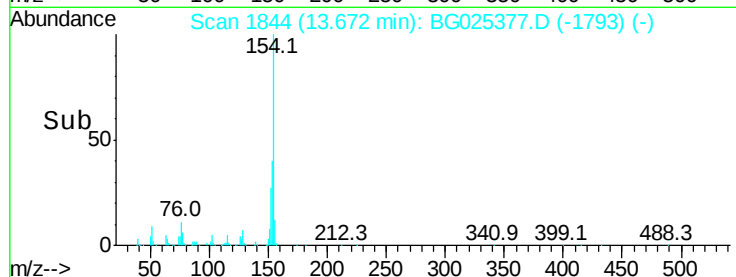
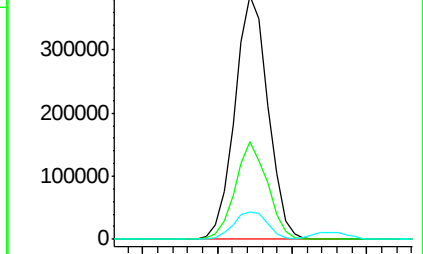
76 11.4 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 41.89 ng

RT: 13.72 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

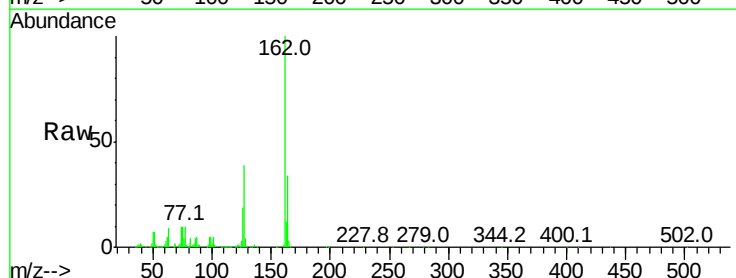
Tgt Ion:162 Resp: 450469

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.4

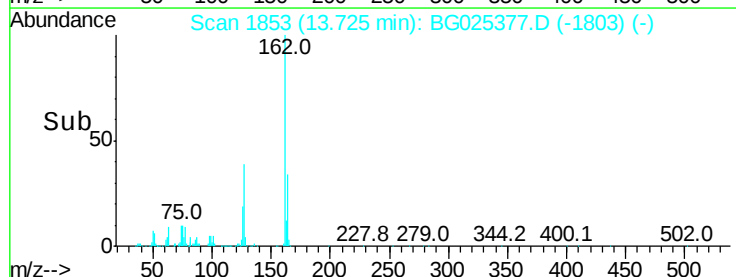
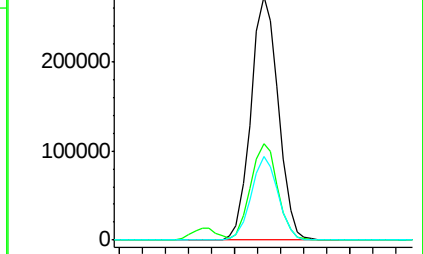
164 34.1 27.3 40.9

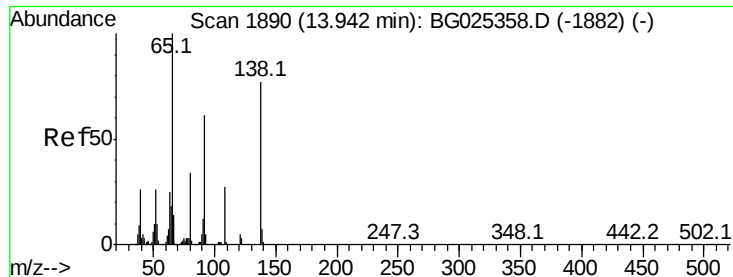


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.67 ng

RT: 13.94 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

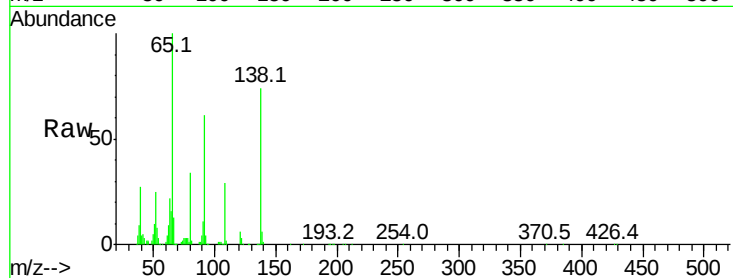
Tot Ion: 65 Resp: 202791

Ion Ratio Lower Upper

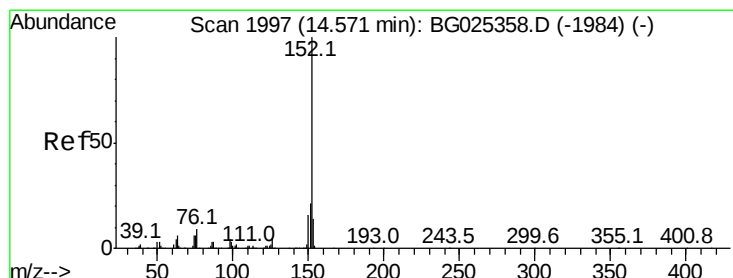
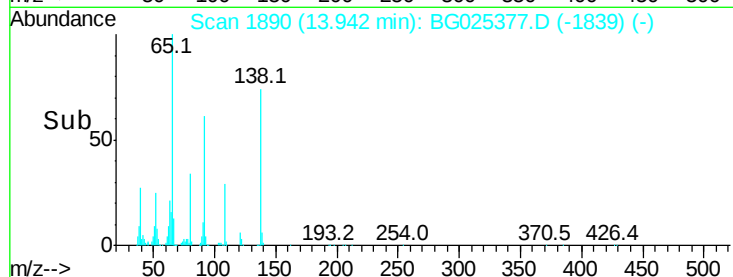
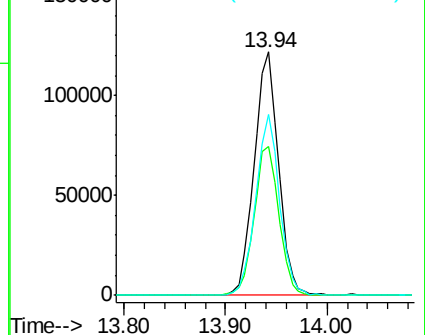
65 100

92 61.4 49.0 73.4

138 74.1 58.6 87.8



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



#48

Acenaphthylene

Concen: 42.60 ng

RT: 14.56 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

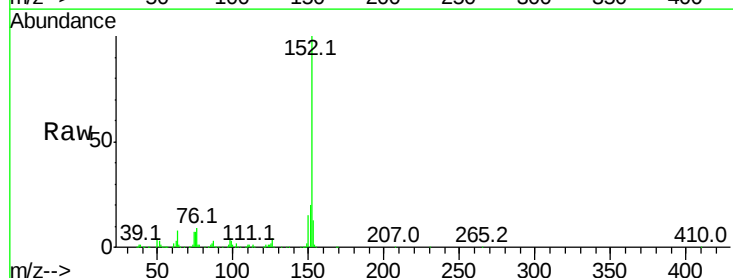
Tgt Ion: 152 Resp: 709998

Ion Ratio Lower Upper

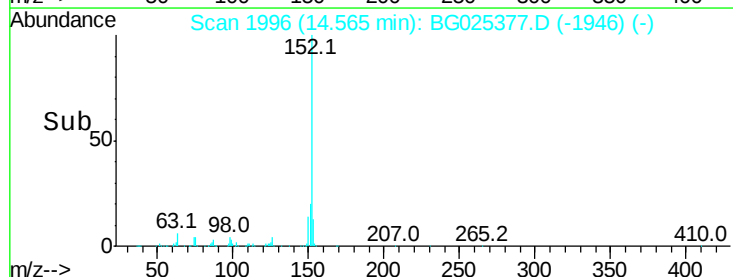
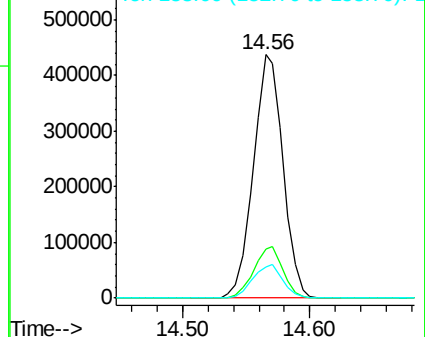
152 100

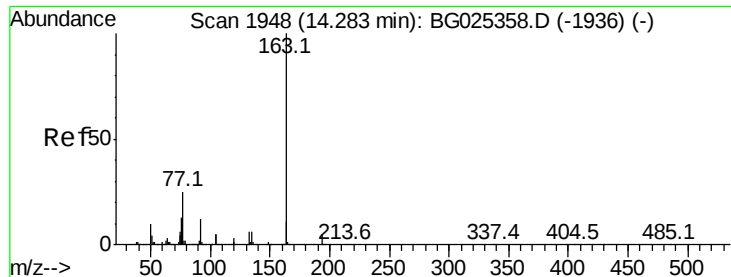
151 20.3 18.2 27.2

153 12.9 11.3 16.9



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





#49

Dimethylphthalate

Concen: 42.89 ng

RT: 14.28 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

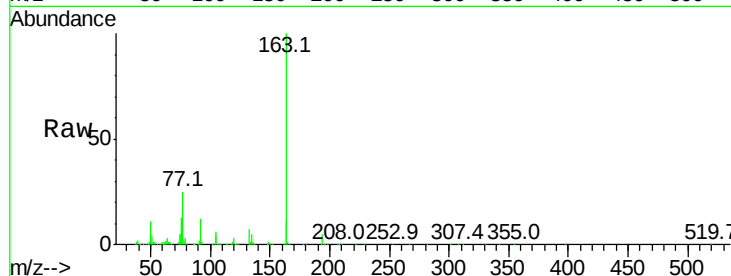
Tot Ion:163 Resp: 639906

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

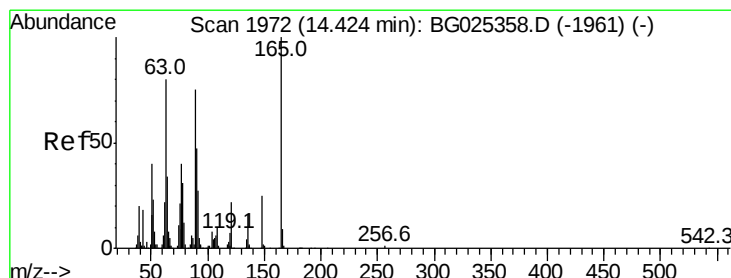
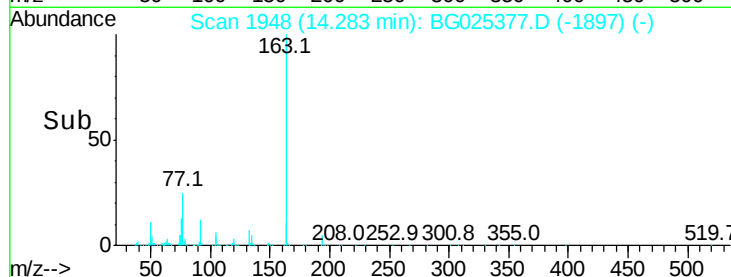
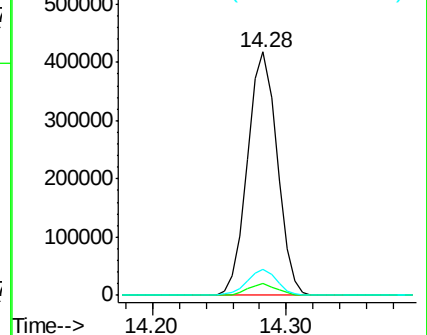
164 10.6 9.3 13.9



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: 42.53 ng

RT: 14.42 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

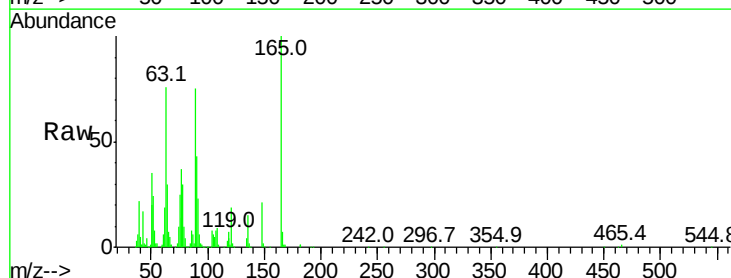
Tgt Ion:165 Resp: 138611

Ion Ratio Lower Upper

165 100

63 76.4 63.9 95.9

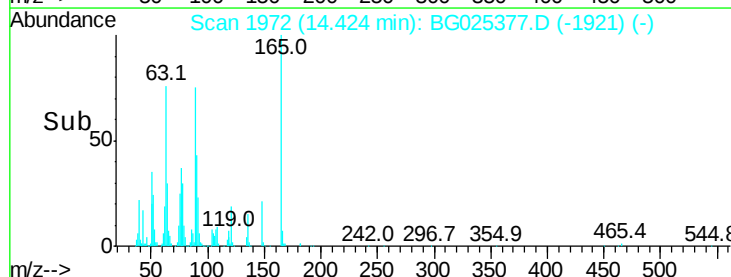
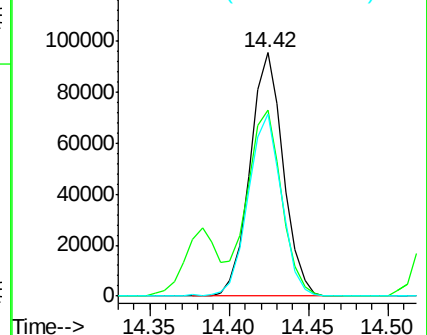
89 74.7 58.6 88.0

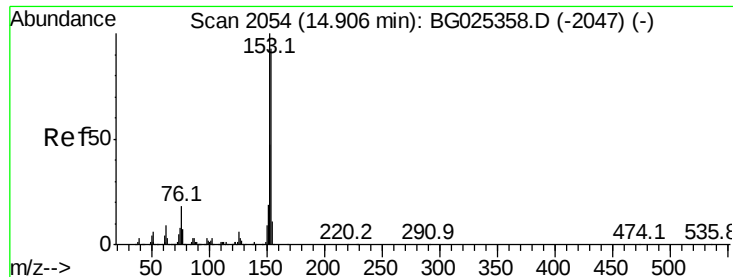


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.04 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

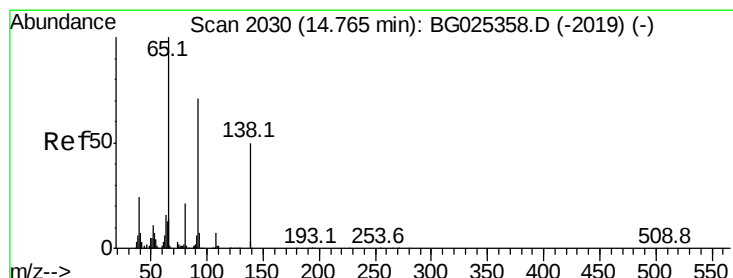
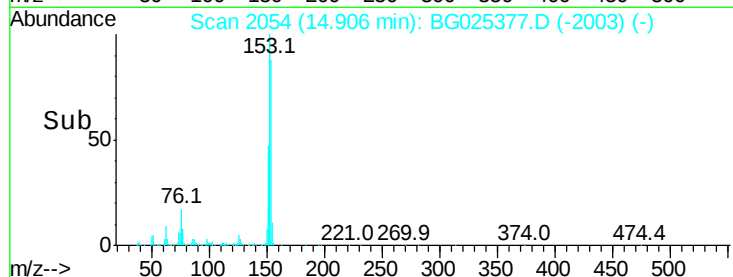
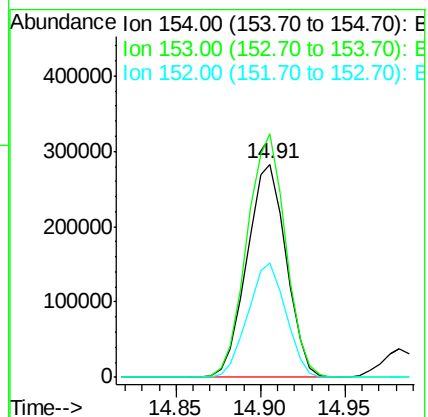
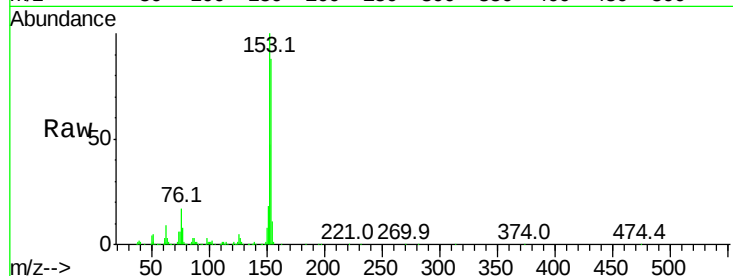
Tot Ion:154 Resp: 458303

Ion Ratio Lower Upper

154 100

153 114.1 87.8 131.6

152 53.4 42.2 63.4



#52

3-Nitroaniline

Concen: 42.64 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

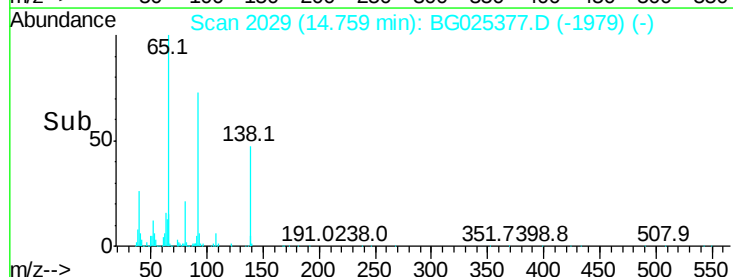
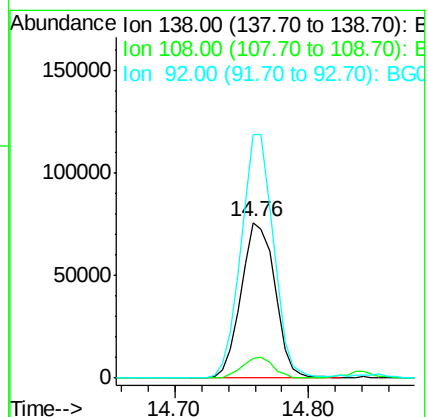
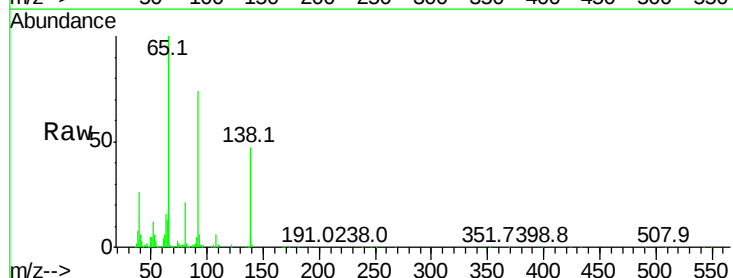
Tgt Ion:138 Resp: 133608

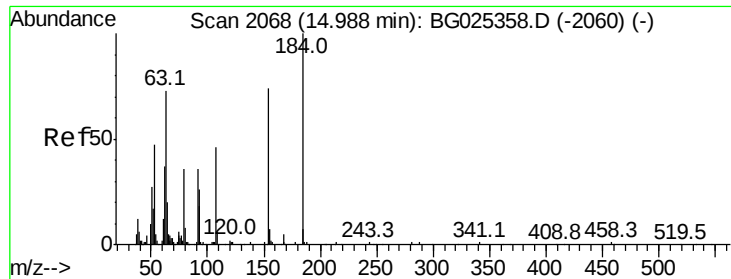
Ion Ratio Lower Upper

138 100

108 12.8 10.9 16.3

92 156.7 115.3 172.9





#53

2,4-Dinitrophenol

Concen: 41.32 ng

RT: 14.98 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

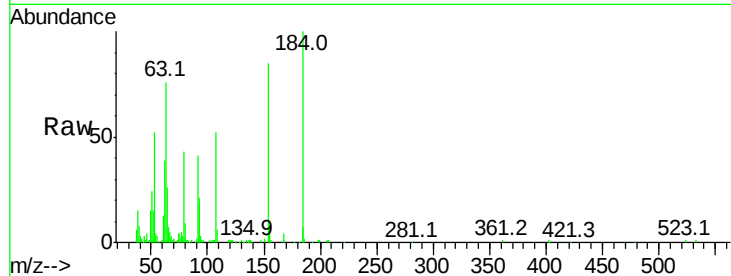
Tot Ion:184 Resp: 82712

Ion Ratio Lower Upper

184 100

63 75.8 52.7 79.1

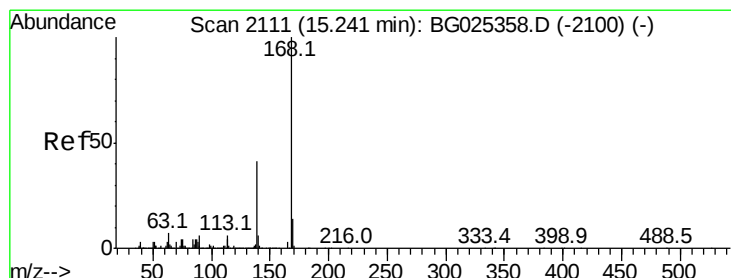
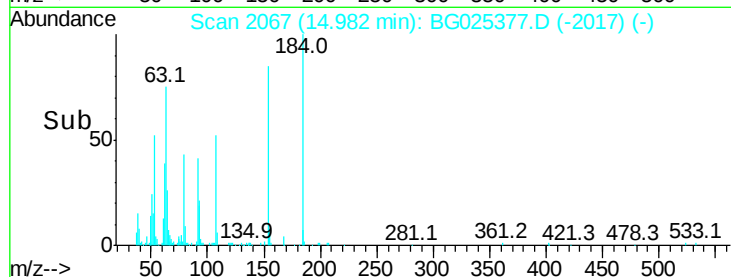
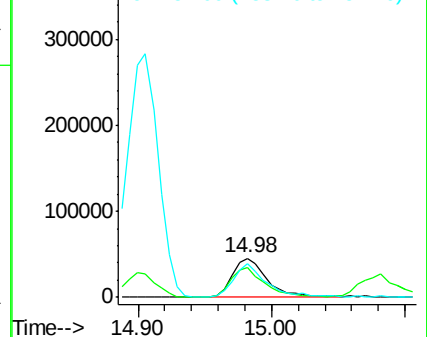
154 84.6 57.3 85.9



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: 42.37 ng

RT: 15.23 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

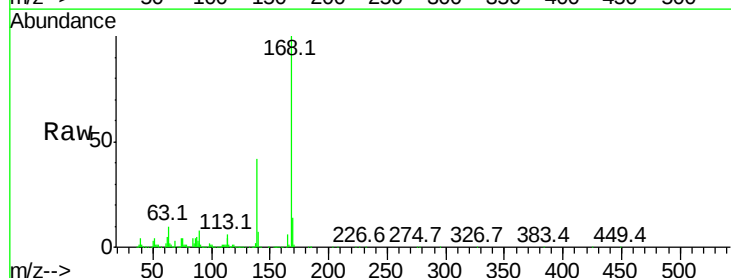
Tgt Ion:168 Resp: 730248

Ion Ratio Lower Upper

168 100

139 42.0 35.3 52.9

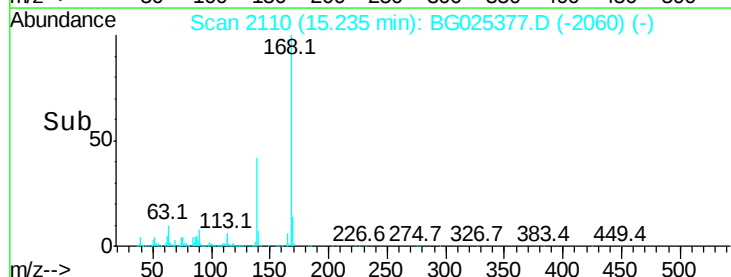
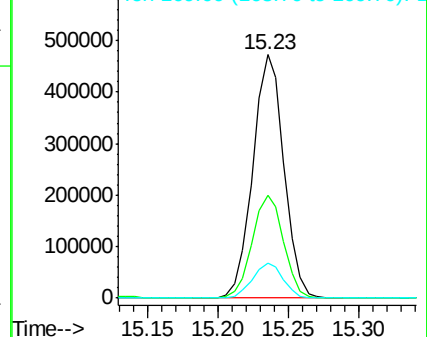
169 14.2 11.5 17.3

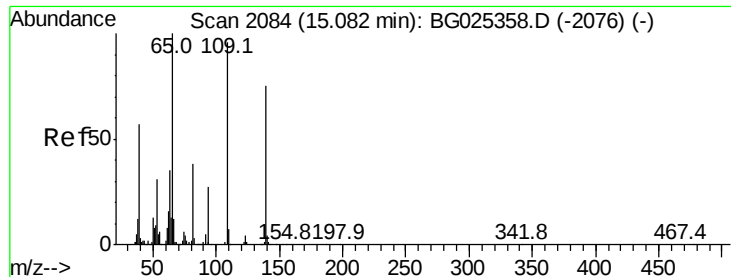


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.50 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

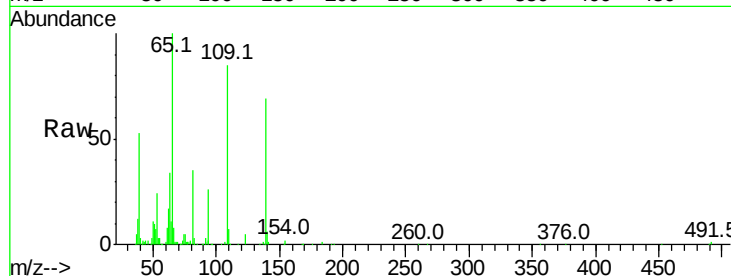
Tot Ion:139 Resp: 104158

Ion Ratio Lower Upper

139 100

109 123.0 101.2 141.2

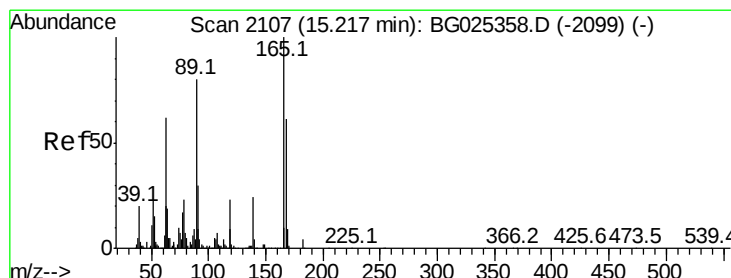
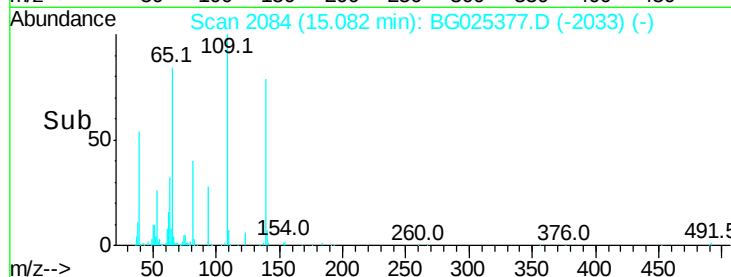
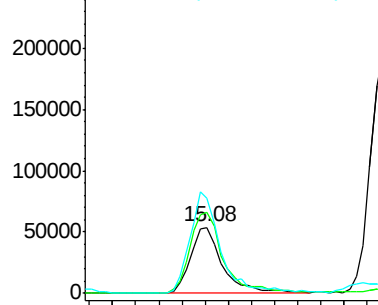
65 144.2 135.3 175.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 44.10 ng

RT: 15.22 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Tgt Ion:165 Resp: 209306

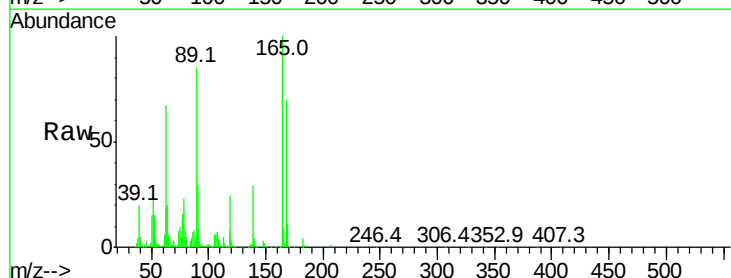
Ion Ratio Lower Upper

165 100

63 66.6 44.0 66.0#

89 84.8 67.3 100.9

182 4.1 3.8 5.6

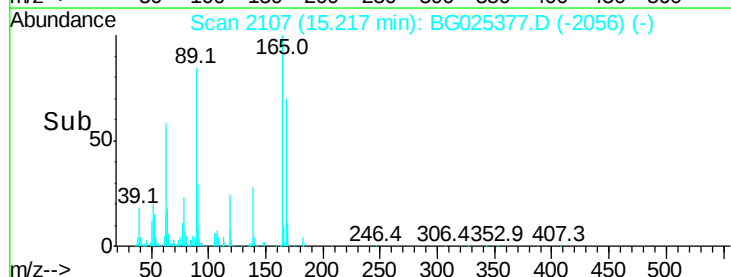
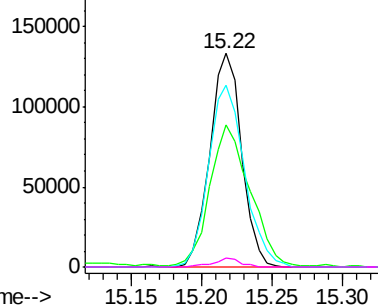


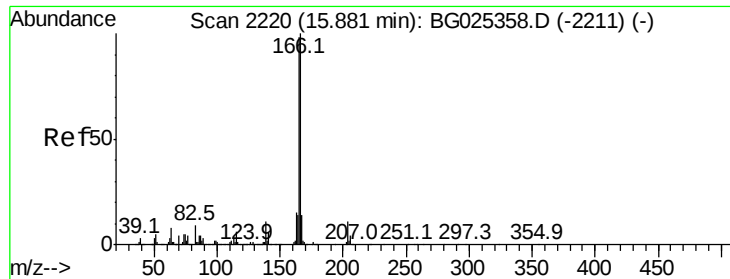
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.52 ng

RT: 15.89 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

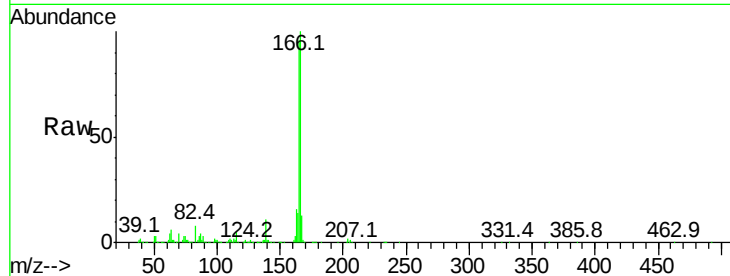
Tot Ion:166 Resp: 627923

Ion Ratio Lower Upper

166 100

165 95.6 78.6 117.8

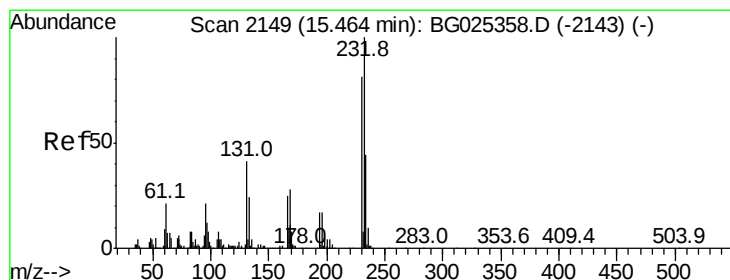
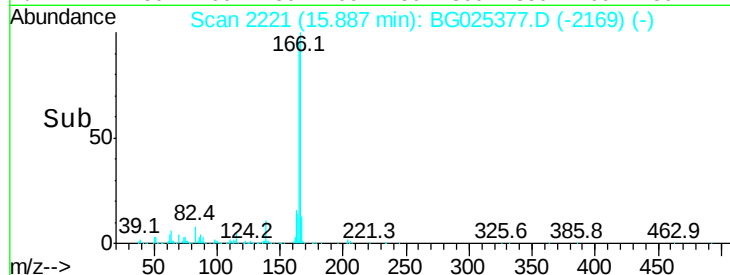
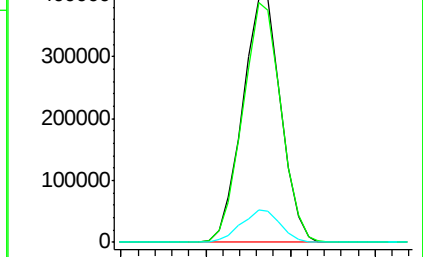
167 12.7 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.36 ng

RT: 15.46 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Tgt Ion:232 Resp: 202093

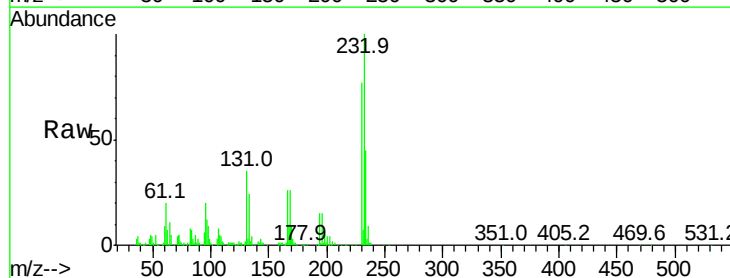
Ion Ratio Lower Upper

232 100

131 37.1 34.9 52.3

130 3.0 2.3 3.5

166 26.5 24.2 36.4

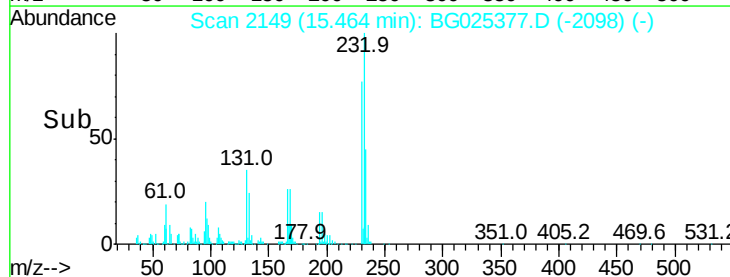
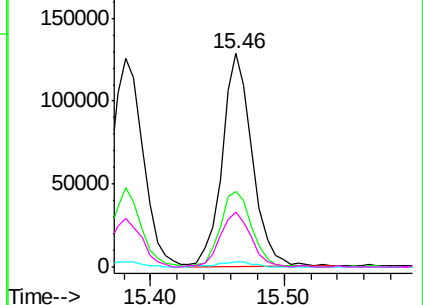


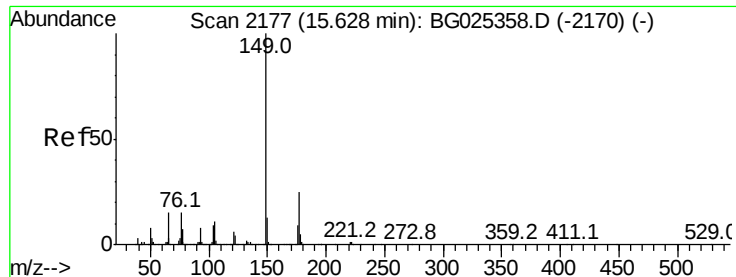
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.95 ng

RT: 15.63 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

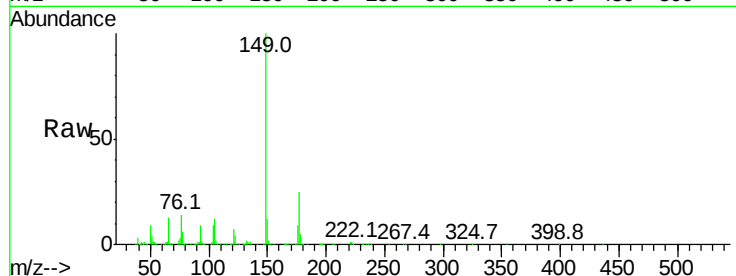
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 672002

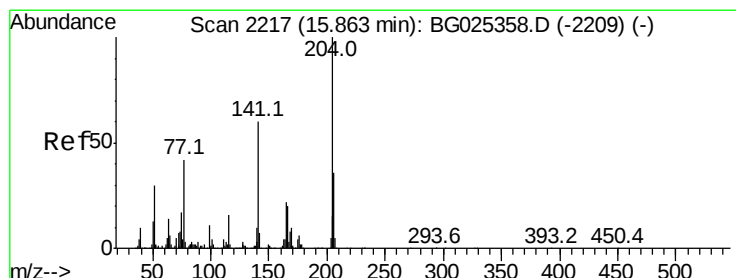
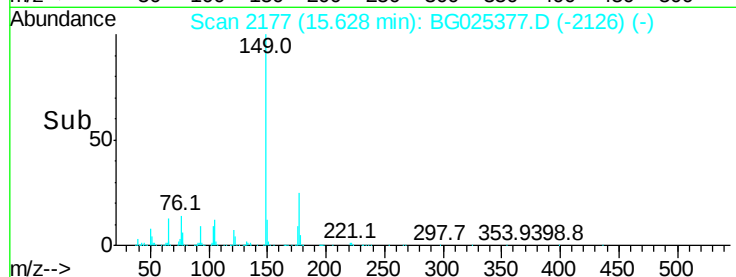
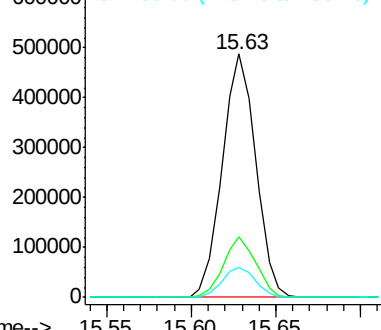
Ion	Ratio	Lower	Upper
149	100		
177	24.9	20.1	30.1
150	12.2	10.2	15.2



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: 42.63 ng

RT: 15.86 min Scan# 2217

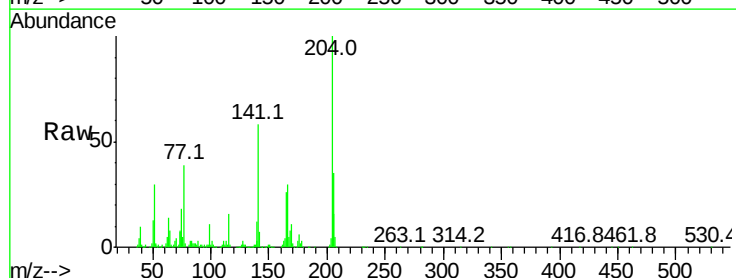
Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Tgt Ion:204 Resp: 348601

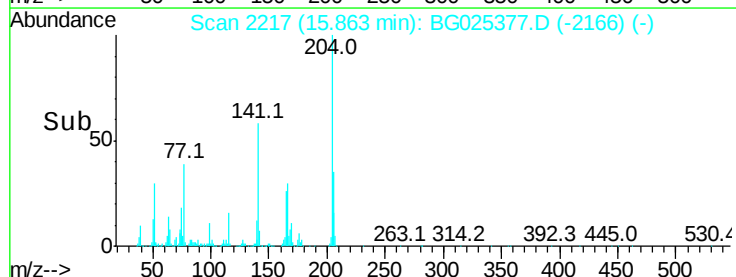
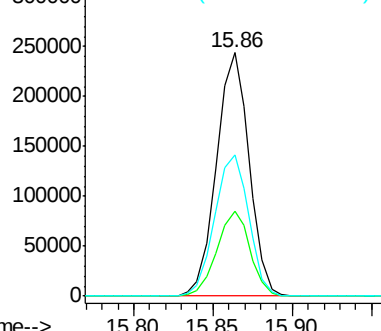
Ion	Ratio	Lower	Upper
204	100		
206	34.6	30.1	45.1
141	58.0	50.6	76.0

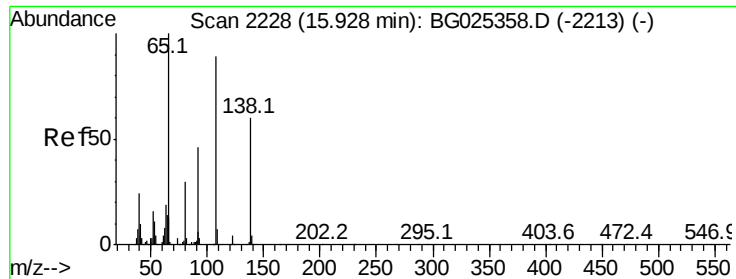


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

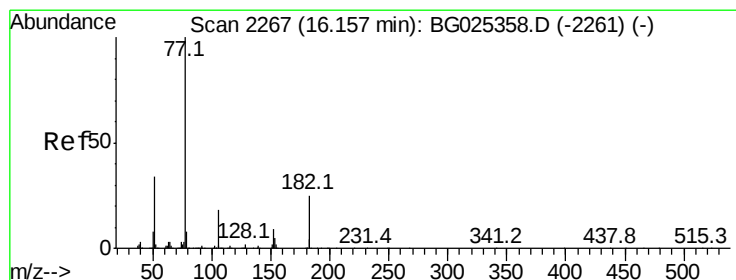
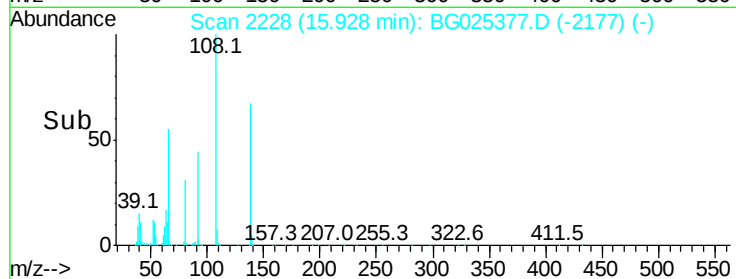
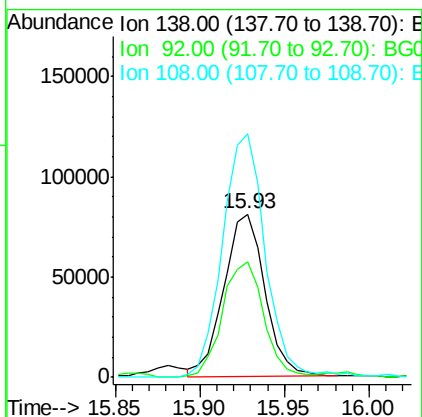
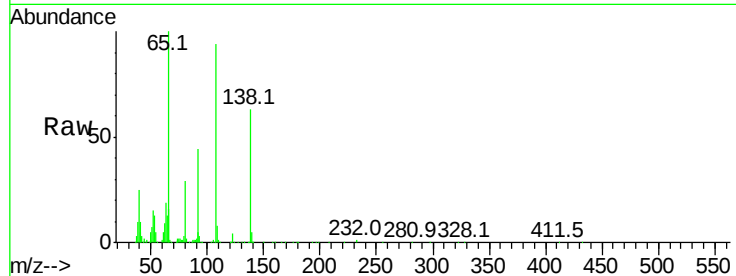




#61
4-Nitroaniline
Concen: 43.40 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

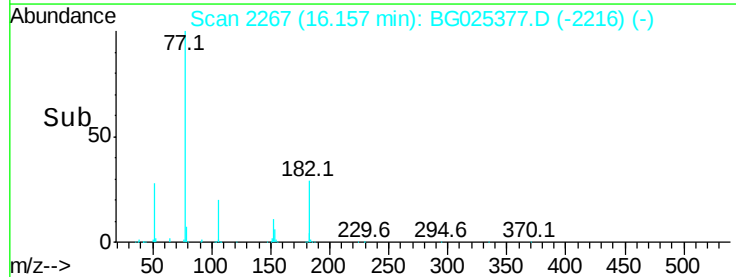
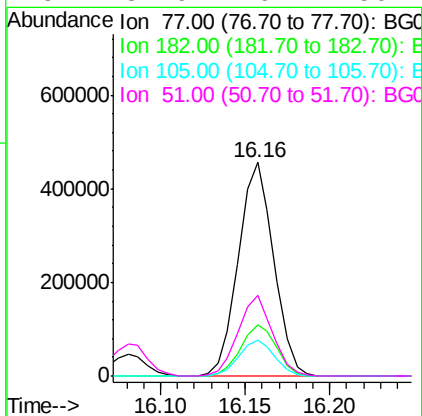
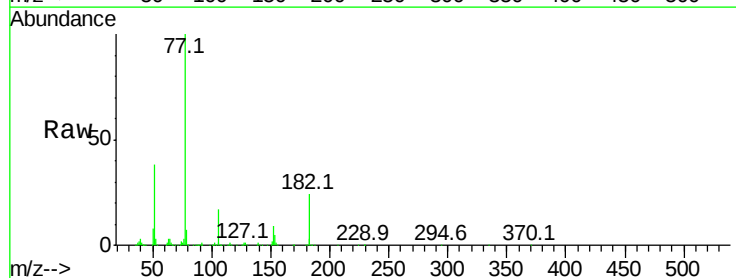
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

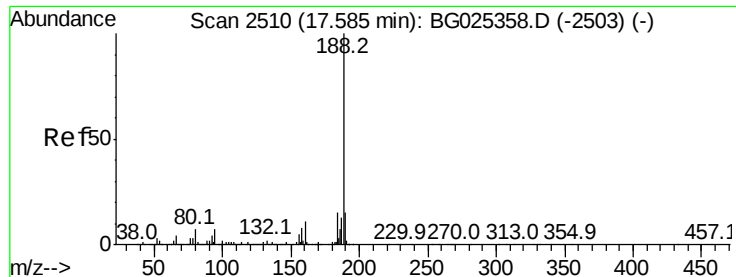
Tot Ion:138 Resp: 136856
Ion Ratio Lower Upper
138 100
92 70.7 44.2 84.2
108 148.8 104.8 144.8#



#62
Azobenzene
Concen: 43.91 ng
RT: 16.16 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Tgt Ion: 77 Resp: 662596
Ion Ratio Lower Upper
77 100
182 23.8 4.7 44.7
105 16.7 0.0 36.3
51 37.6 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

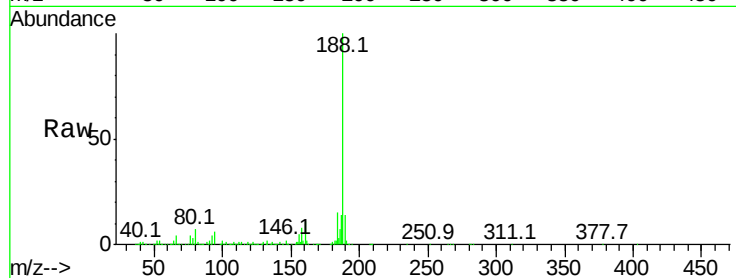
Tot Ion:188 Resp: 496992

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

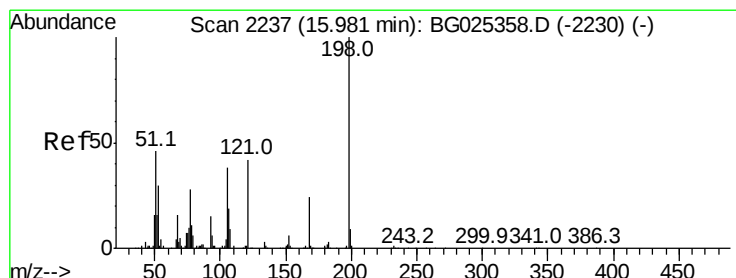
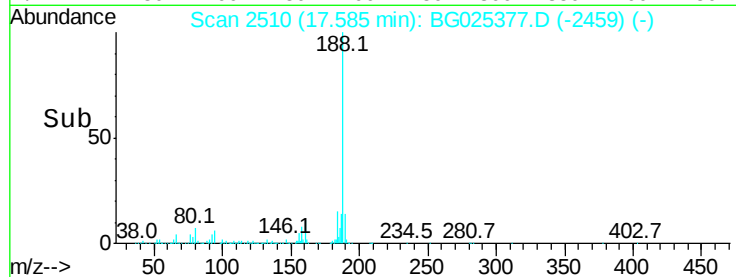
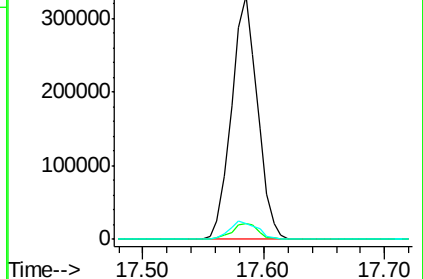
80 6.7 7.5 11.3#



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: 43.59 ng

RT: 15.98 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

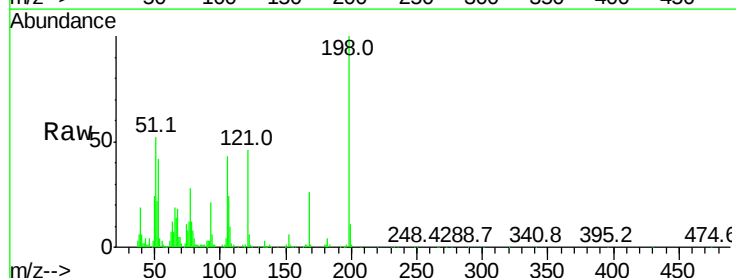
Tgt Ion:198 Resp: 150019

Ion Ratio Lower Upper

198 100

51 52.5 22.6 62.6

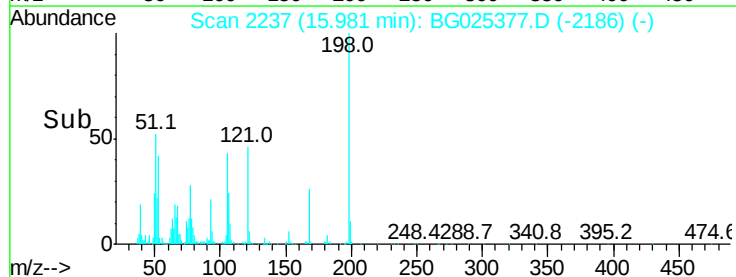
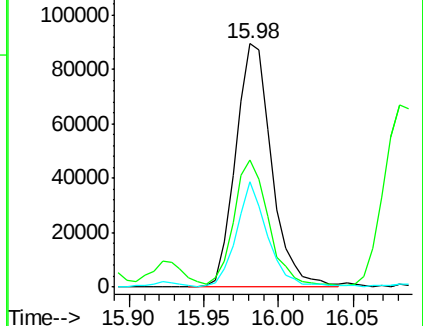
105 43.2 14.4 54.4

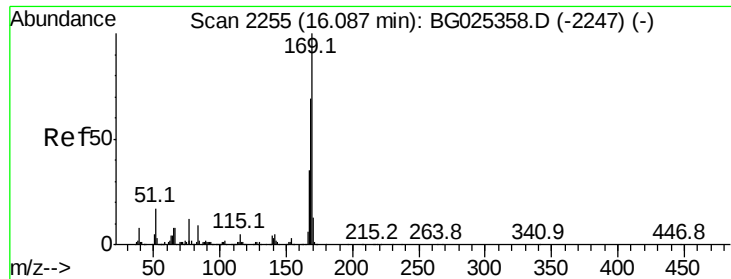


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

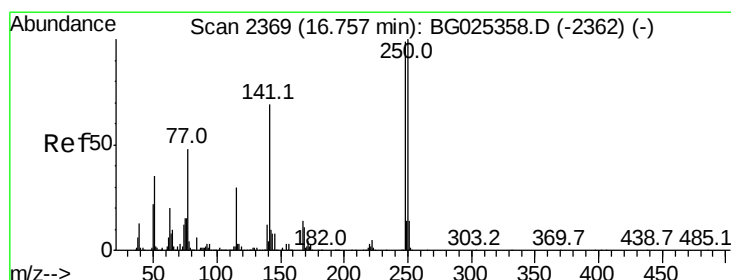
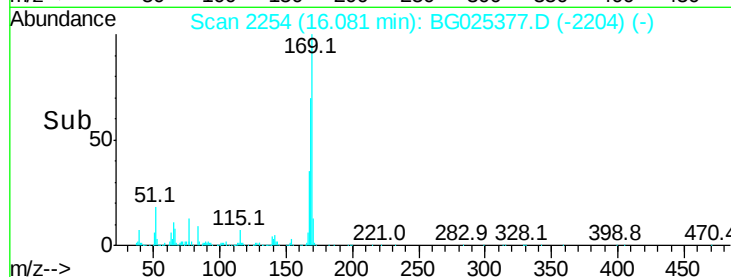
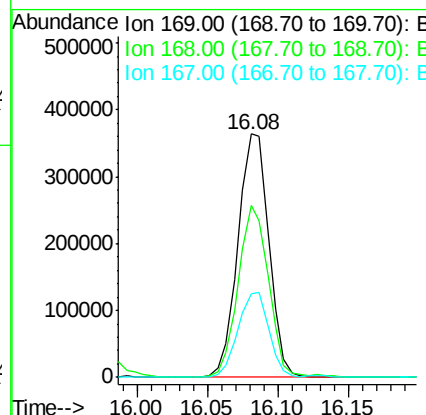
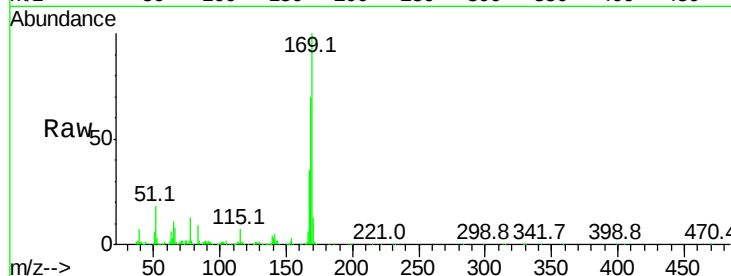




#65
n-Nitrosodiphenylamine
Concen: 41.42 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

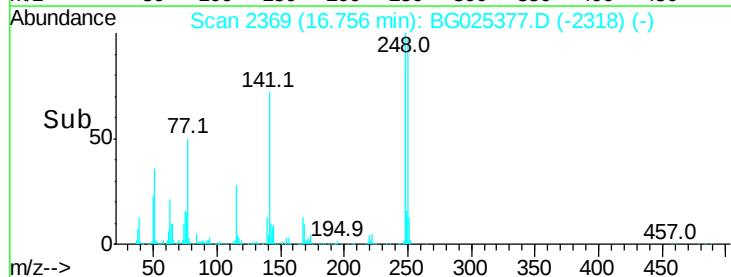
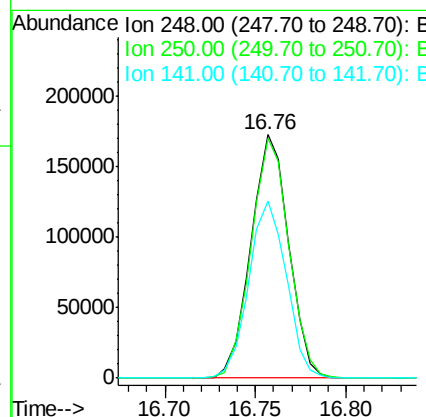
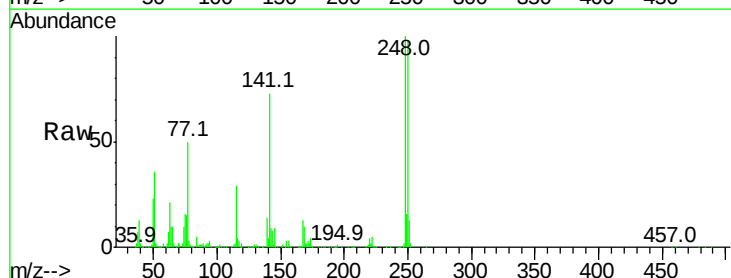
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

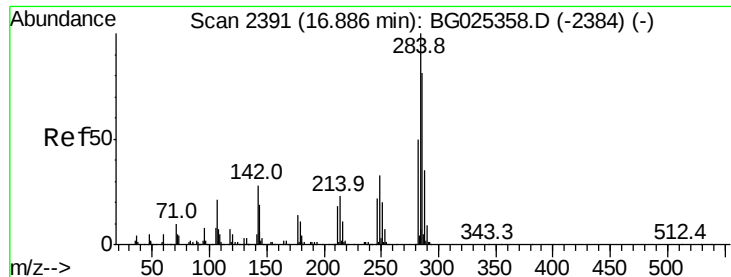
Tot Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.7	83.5
167	34.5	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 40.72 ng
RT: 16.76 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	75.0	112.6
141	72.8	55.2	82.8





#67

Hexachlorobenzene

Concen: 40.99 ng

RT: 16.89 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

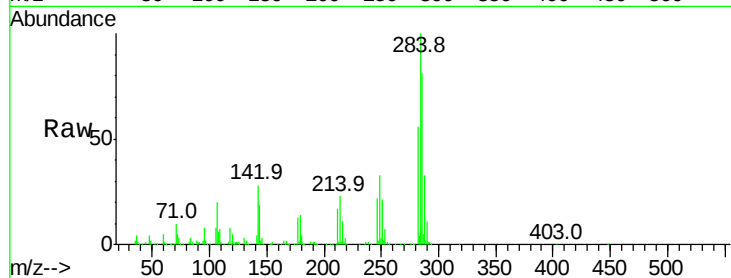
Tot Ion:284 Resp: 288422

Ion Ratio Lower Upper

284 100

142 28.4 29.9 44.9#

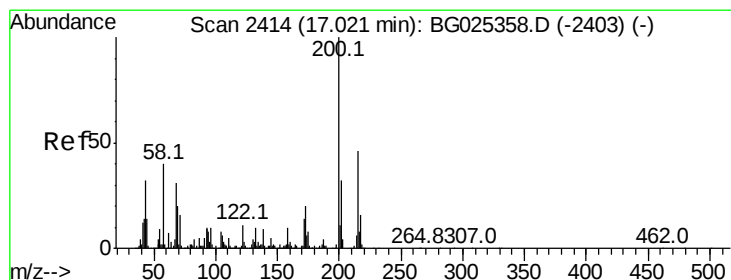
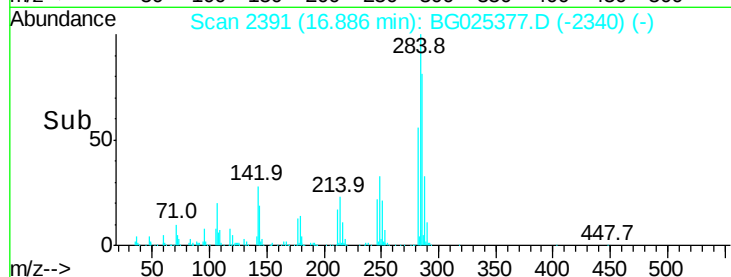
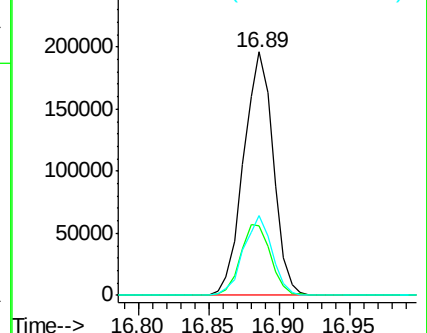
249 33.0 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.85 ng

RT: 17.02 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

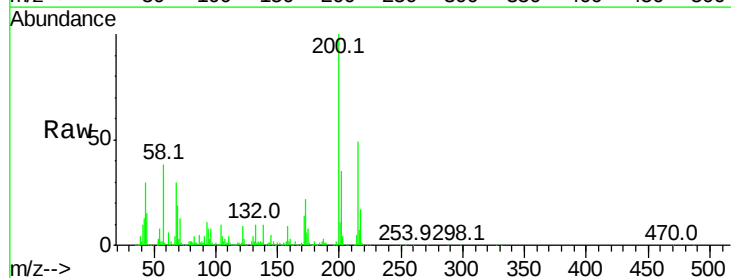
Tgt Ion:200 Resp: 234571

Ion Ratio Lower Upper

200 100

173 21.5 3.0 43.0

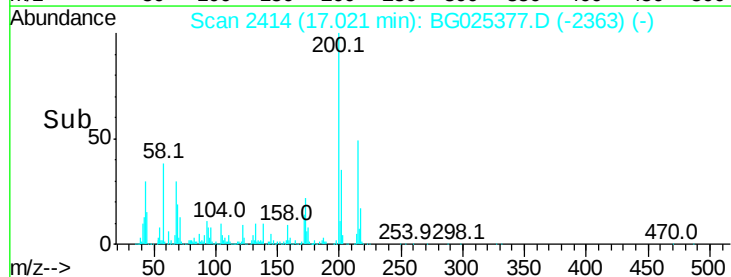
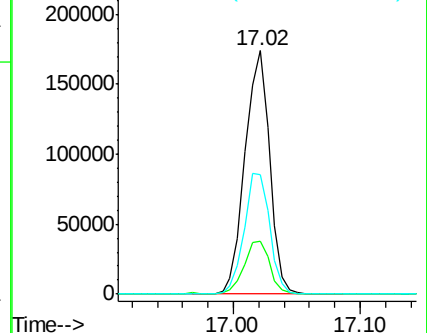
215 49.3 28.4 68.4

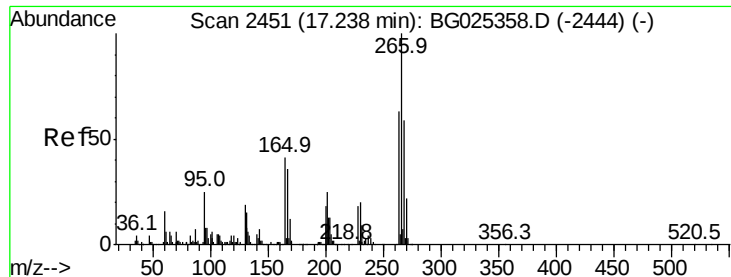


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

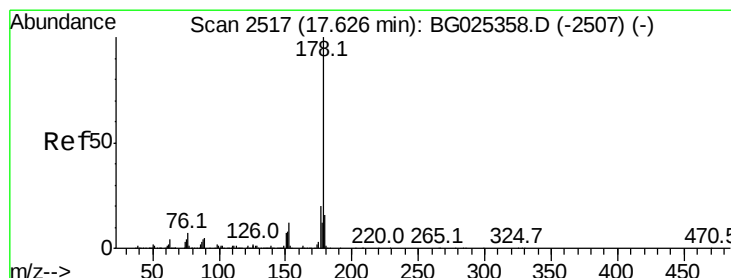
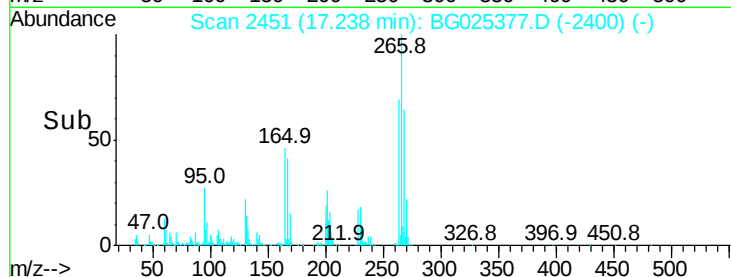
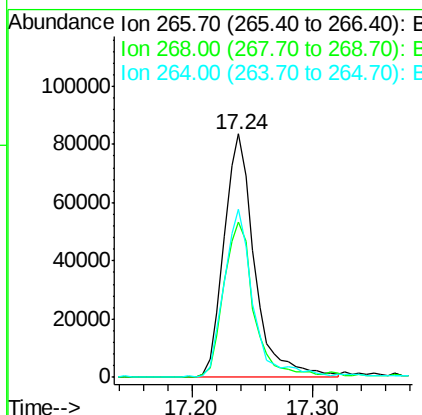
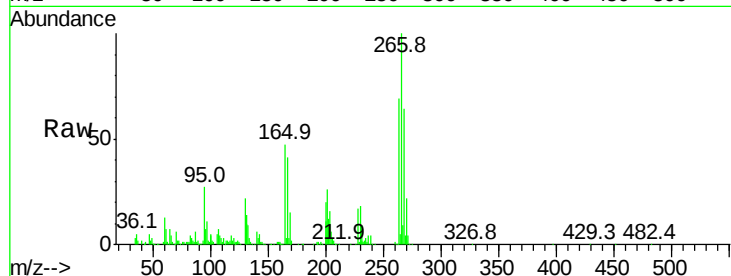




#69
 Pentachlorophenol
 Concen: 40.43 ng
 RT: 17.24 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

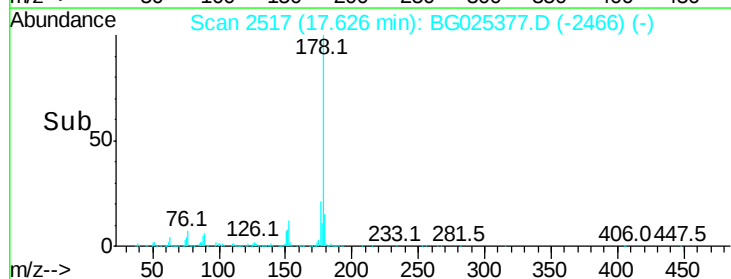
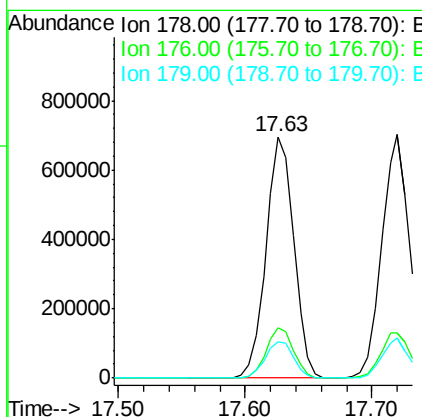
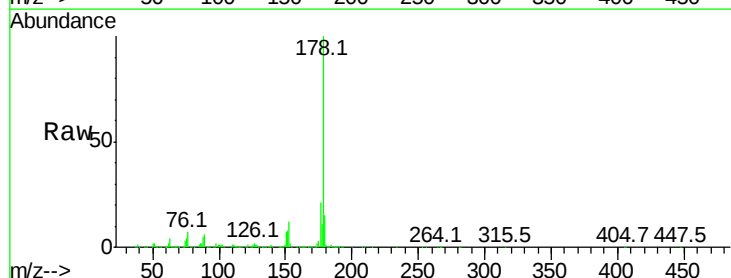
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

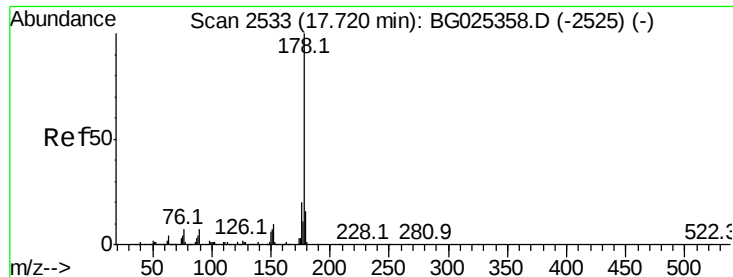
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	48.6	72.8
264	69.0	50.1	75.1



#70
 Phenanthrene
 Concen: 41.35 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.7	26.5
179	15.1	15.0	22.6



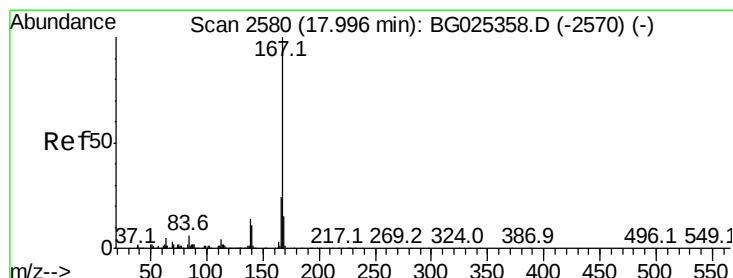
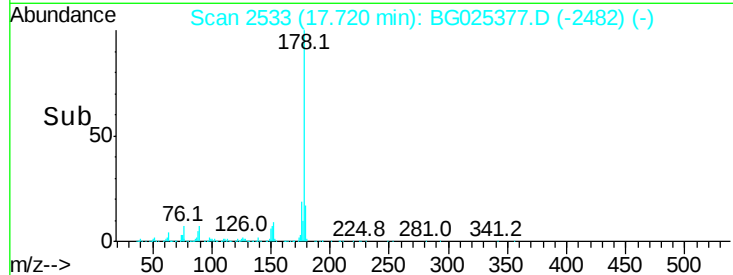
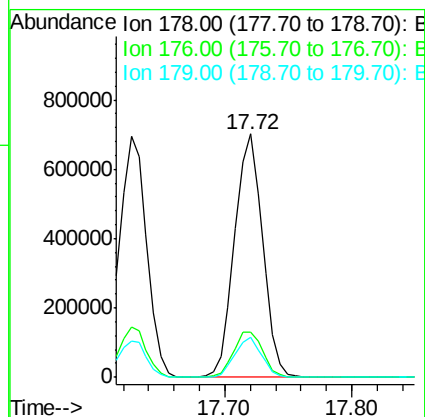
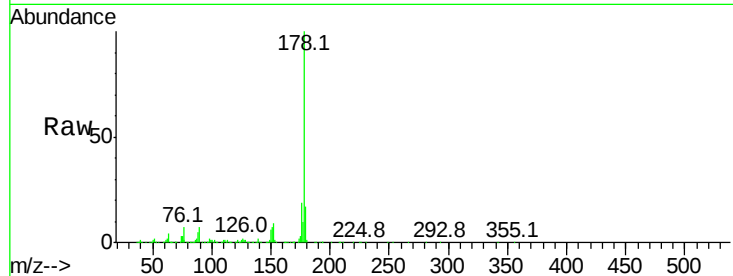


#71
 Anthracene
 Concen: 41.18 ng
 RT: 17.72 min Scan# 2533
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1071630

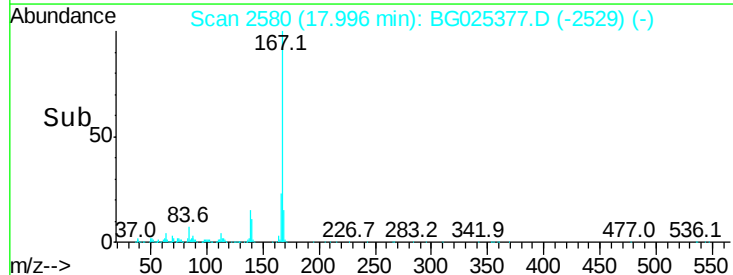
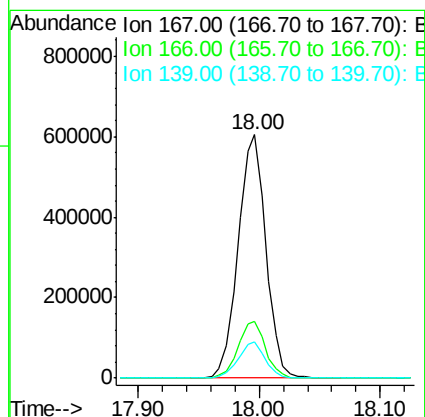
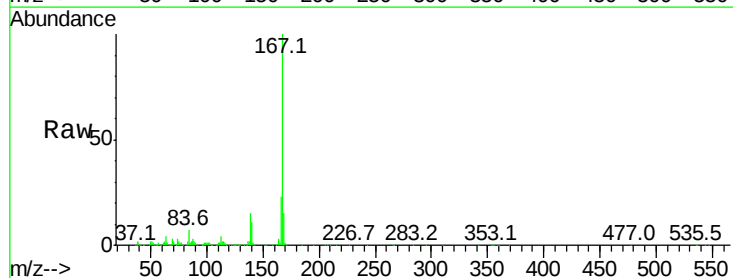
Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.4	24.6
179	16.5	13.8	20.8

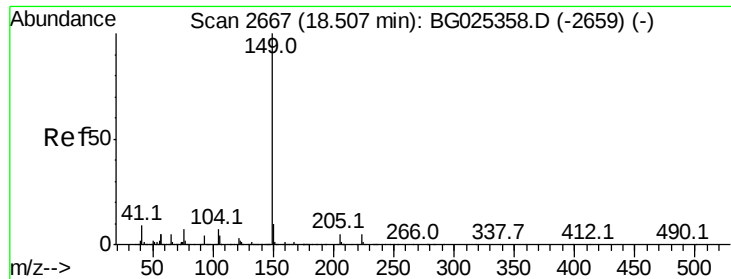


#72
 Carbazole
 Concen: 41.57 ng
 RT: 18.00 min Scan# 2580
 Delta R.T. -0.00 min
 Lab File: BG025377.D
 Acq: 22 Dec 2016 3:54

Tgt Ion:167 Resp: 967689

Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	14.7	12.8	19.2





#73

Di-n-butylphthalate

Concen: 41.37 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

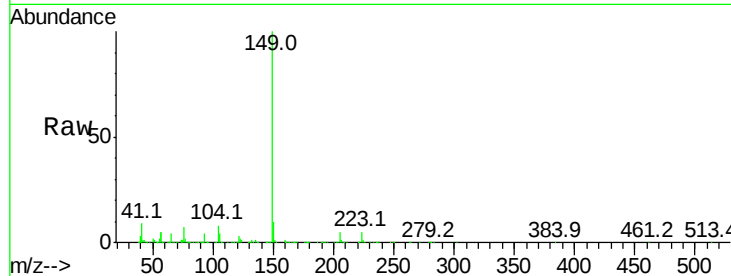
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1184834

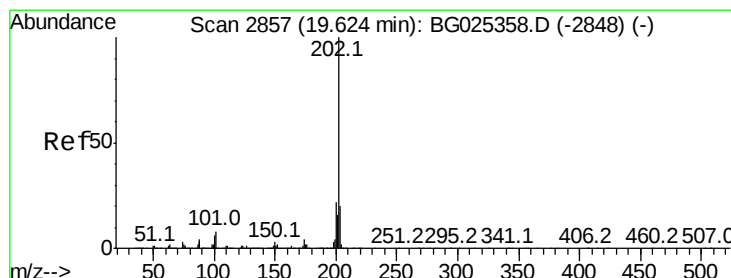
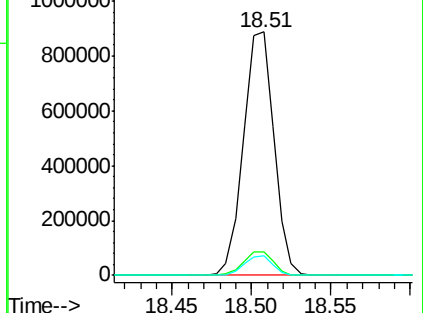
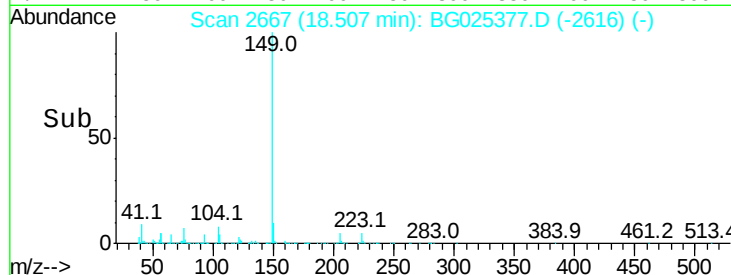
Ion	Ratio	Lower	Upper
149	100		
150	9.9	9.1	13.7
104	7.9	6.7	10.1



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: 42.49 ng

RT: 19.62 min Scan# 2857

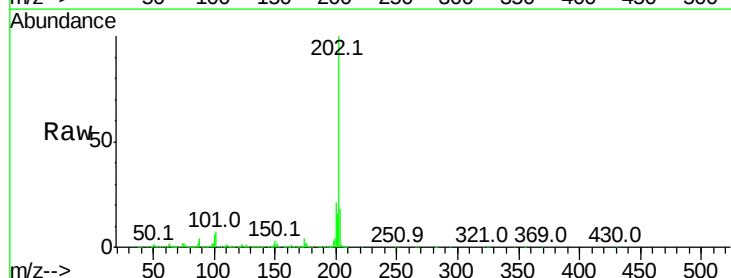
Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Tgt Ion:202 Resp: 1437419

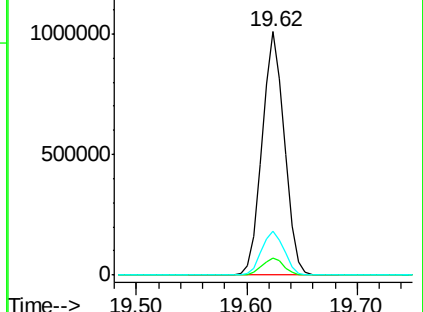
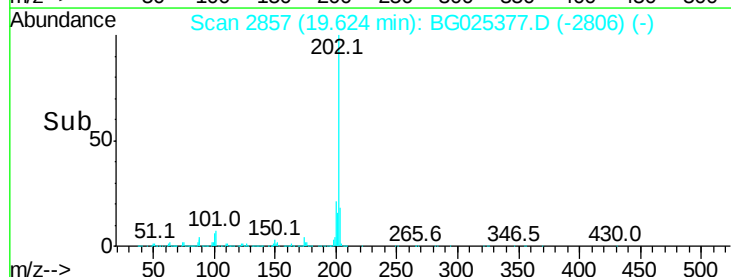
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	30.1
203	18.3	1.3	41.3

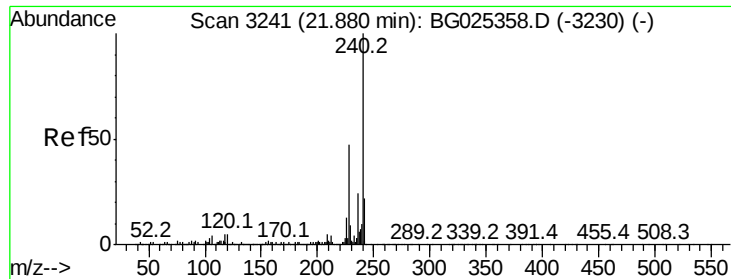


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

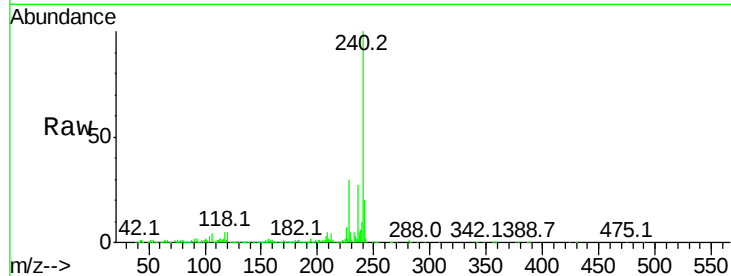
Tot Ion:240 Resp: 679571

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

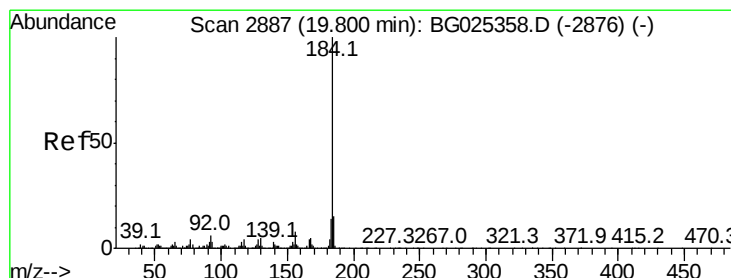
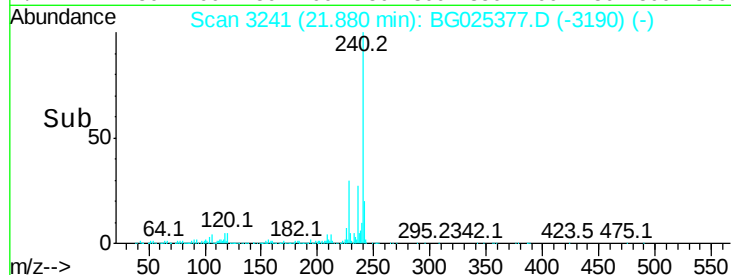
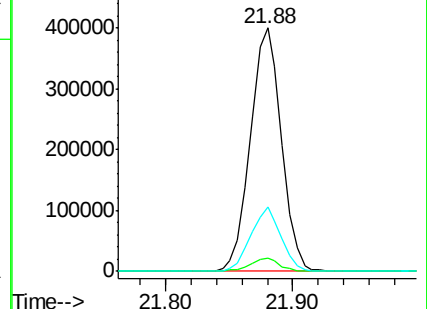
236 26.5 22.2 33.4



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: 38.75 ng

RT: 19.80 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

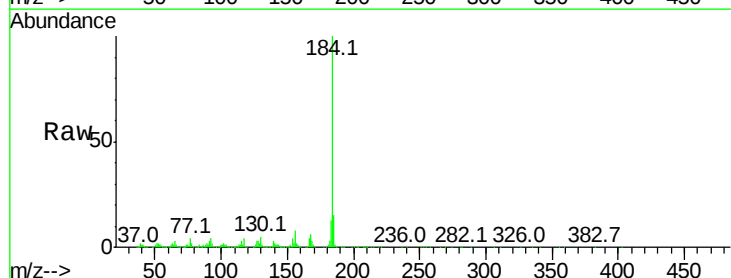
Tgt Ion:184 Resp: 656840

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

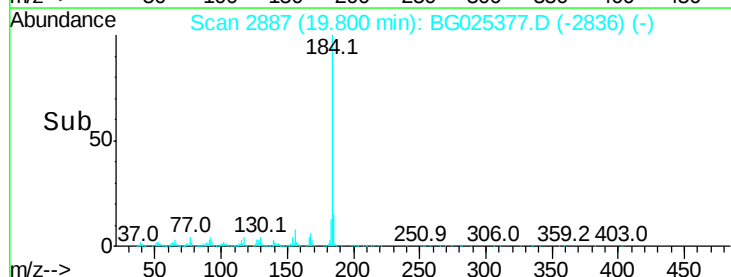
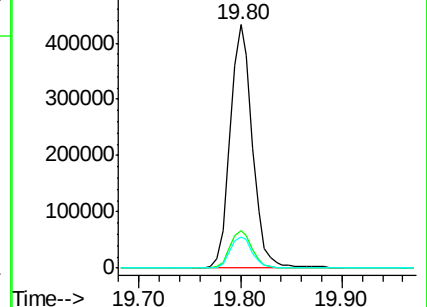
183 13.0 11.0 16.6

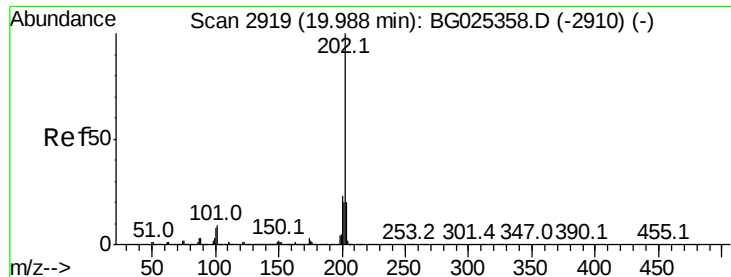


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.34 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

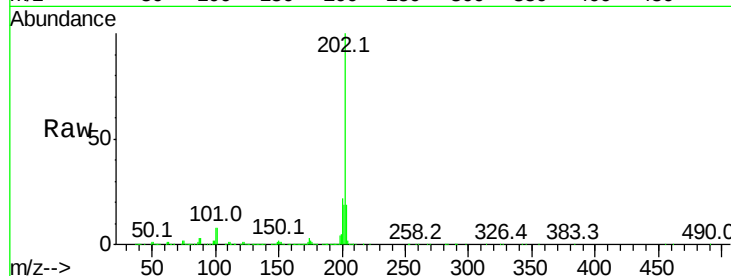
Tot Ion:202 Resp: 1468312

Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.6	29.4
203	19.0	15.8	23.8

202 100

200 22.1 19.6 29.4

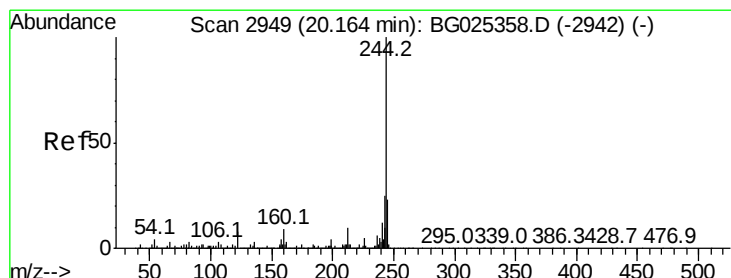
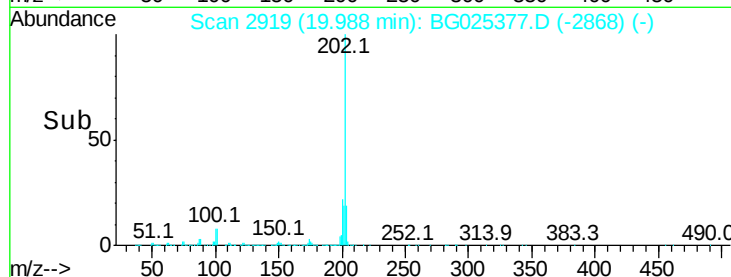
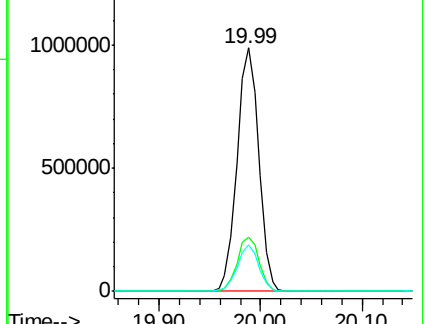
203 19.0 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.66 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

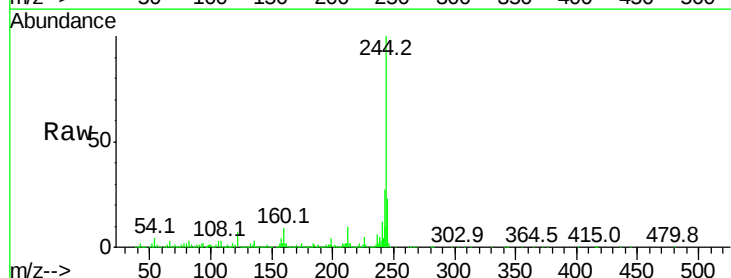
Tgt Ion:244 Resp: 2067227

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.4	8.6	12.8

244 100

212 10.1 10.0 15.0

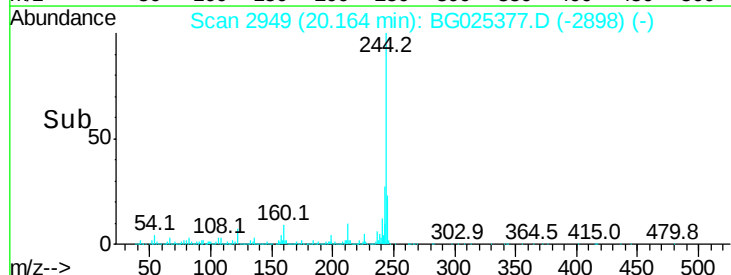
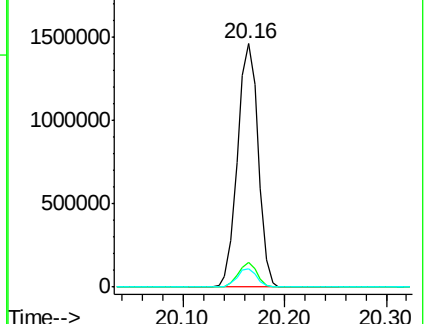
122 7.4 8.6 12.8#

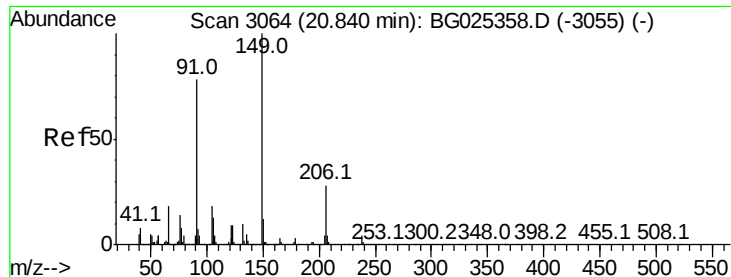


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.59 ng

RT: 20.83 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

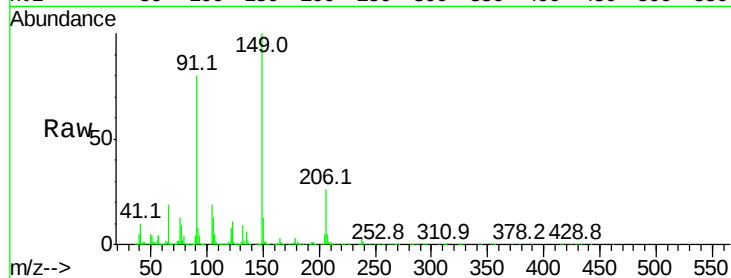
Tot Ion:149 Resp: 593085

Ion Ratio Lower Upper

149 100

91 80.2 63.5 95.3

206 25.7 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

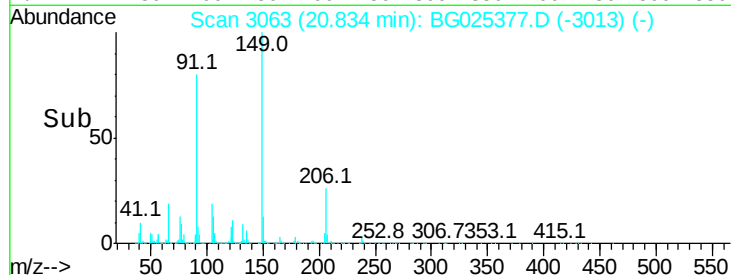
600000

400000

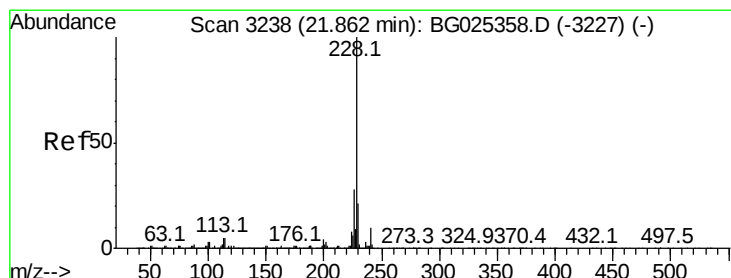
200000

0

20.75 20.80 20.85



Time-->



#80

Benzo(a)anthracene

Concen: 41.58 ng

RT: 21.86 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

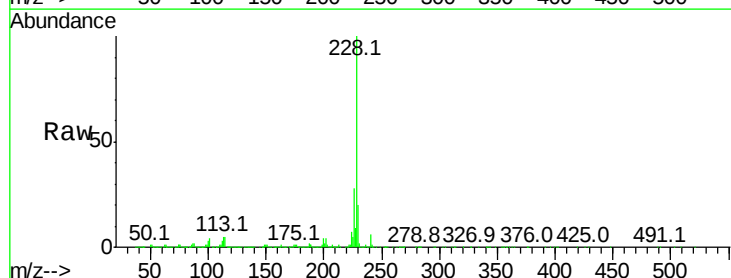
Tgt Ion:228 Resp: 1576237

Ion Ratio Lower Upper

228 100

226 28.4 24.9 37.3

229 20.3 18.2 27.2



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

1200000

1000000

800000

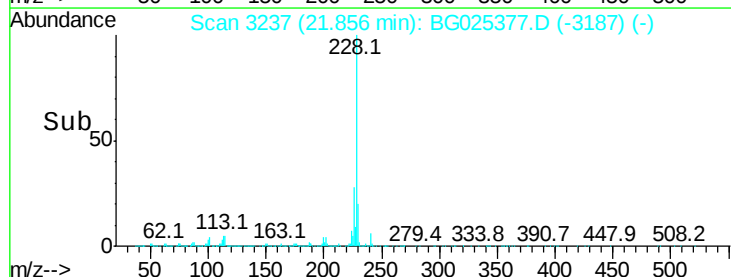
600000

400000

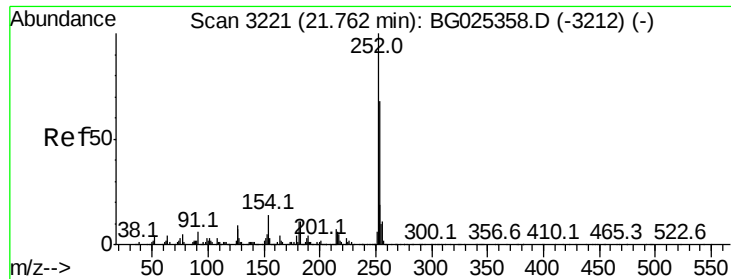
200000

0

21.80 21.85 21.90



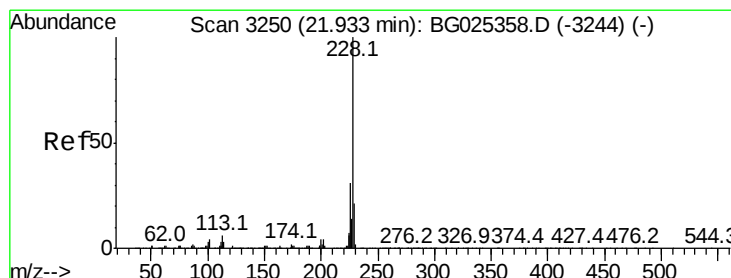
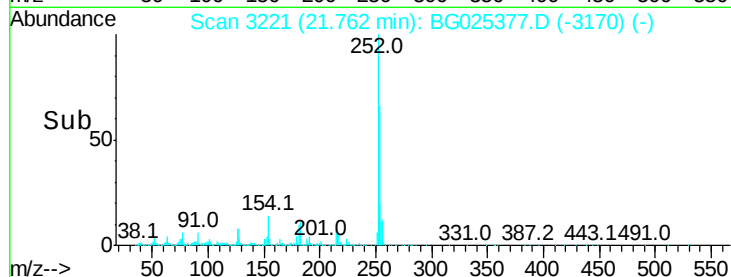
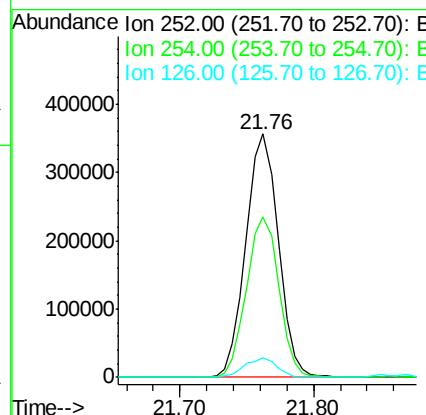
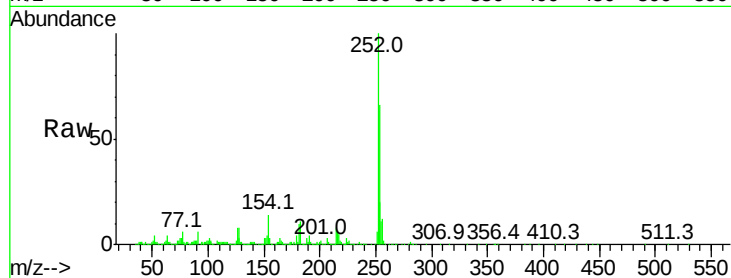
Time-->



#81
3,3'-Dichlorobenzidine
Concen: 40.86 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

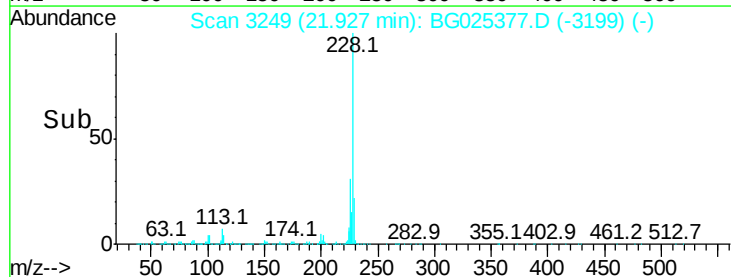
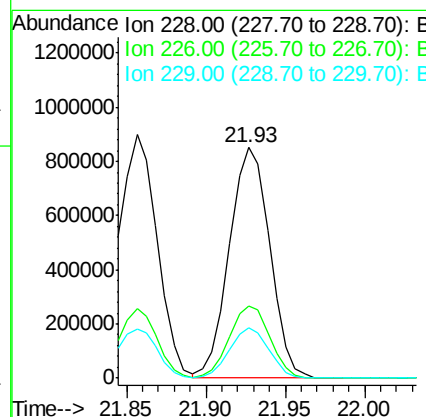
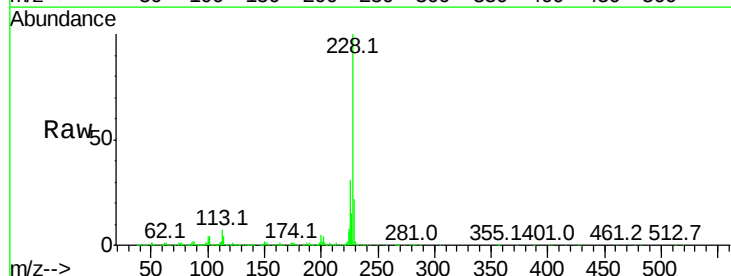
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

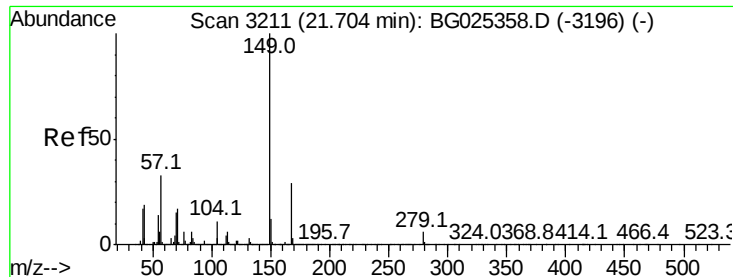
Tot Ion:252 Resp: 601495
Ion Ratio Lower Upper
252 100
254 65.9 53.1 79.7
126 7.8 7.0 10.4



#82
Chrysene
Concen: 41.42 ng
RT: 21.93 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BG025377.D
Acq: 22 Dec 2016 3:54

Tgt Ion:228 Resp: 1505539
Ion Ratio Lower Upper
228 100
226 31.4 27.0 40.4
229 21.7 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.48 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

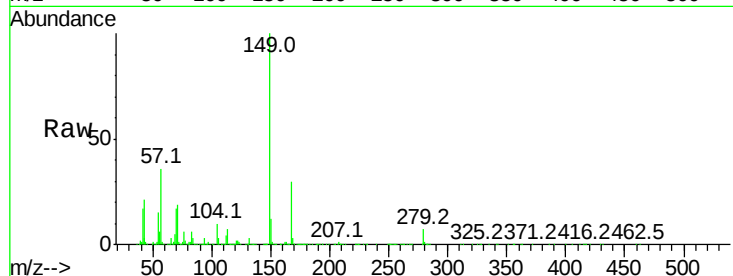
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 823134

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	6.7	4.6	6.8

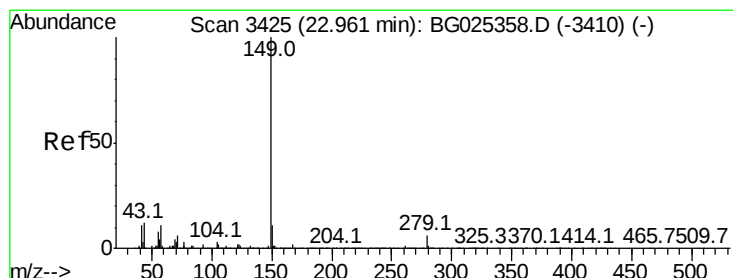
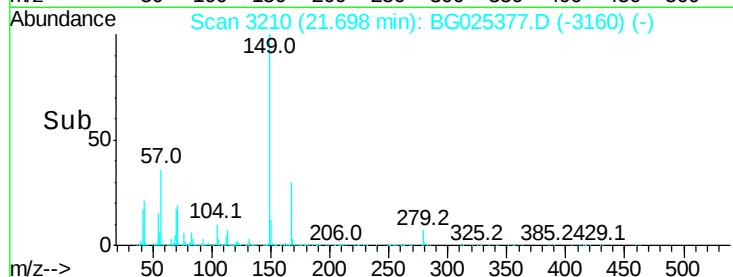
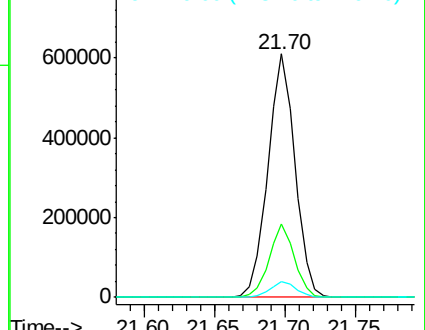


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.94 ng

RT: 22.96 min Scan# 3424

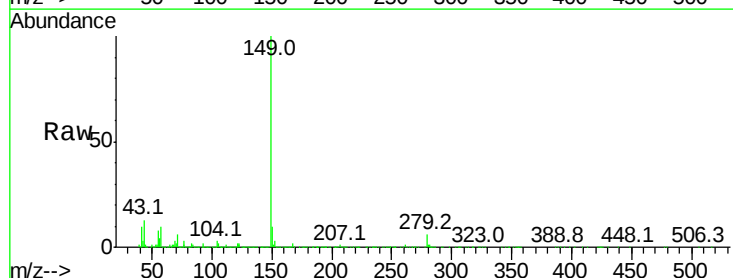
Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Tgt Ion:149 Resp: 1381901

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	12.4	11.8	17.6

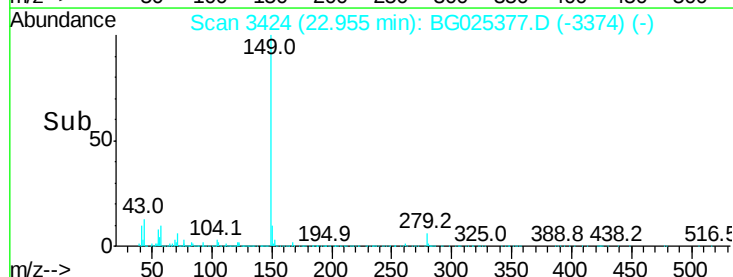
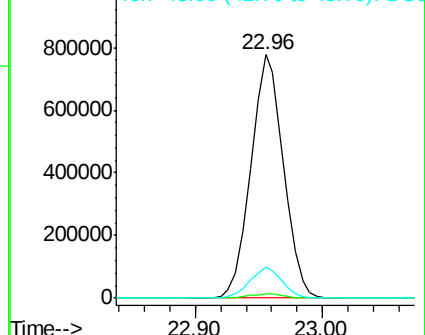


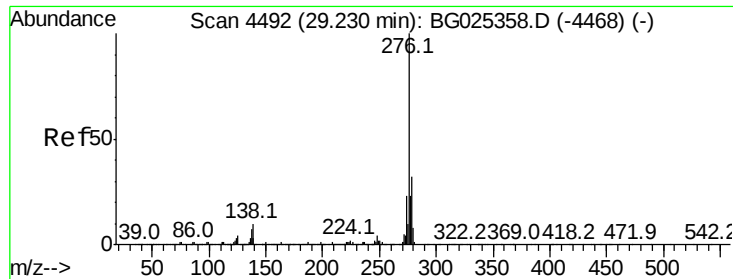
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.06 ng

RT: 29.22 min Scan# 4491

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

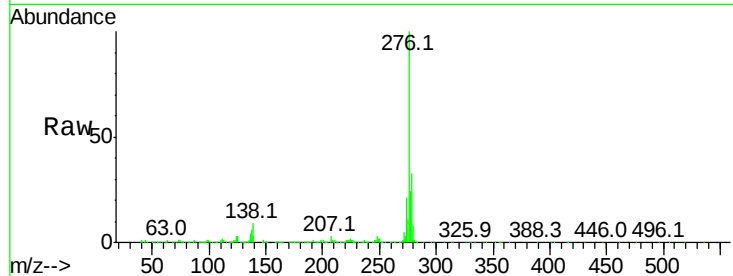
Tot Ion:276 Resp: 1943791

Ion Ratio Lower Upper

276 100

138 4.7 4.7 7.1

277 0.0 20.6 31.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

29.22

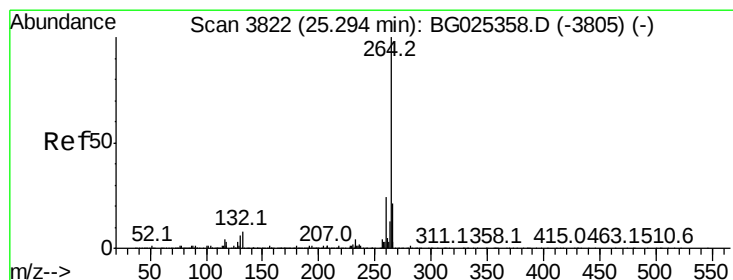
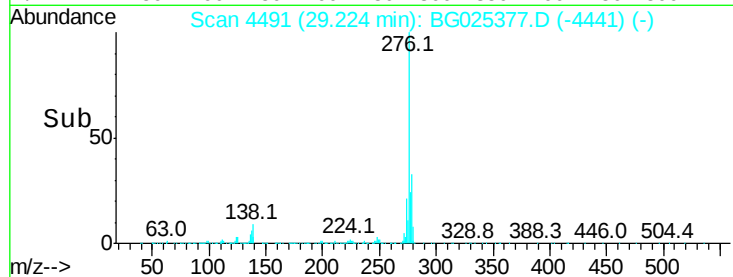
300000

200000

100000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3821

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

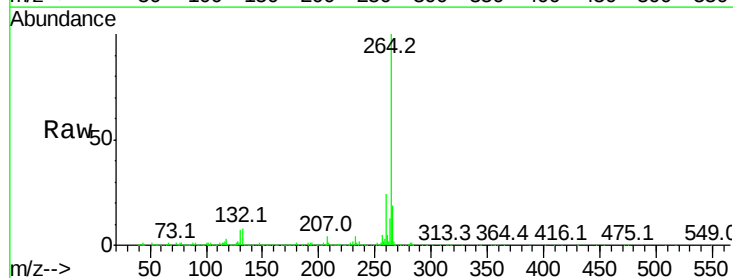
Tgt Ion:264 Resp: 703872

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 19.0 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.29

300000

250000

200000

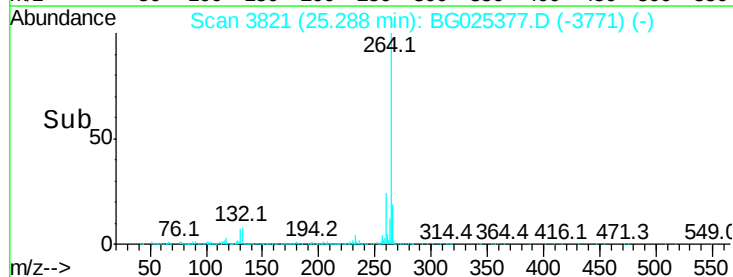
150000

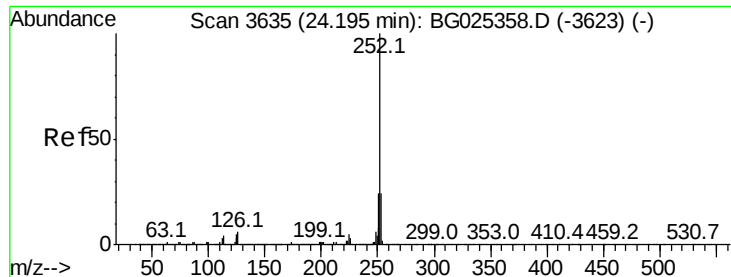
100000

50000

0

Time-->





#87

Benzo(b)fluoranthene

Concen: 42.34 ng

RT: 24.19 min Scan# 3635

Delta R.T. -0.00 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

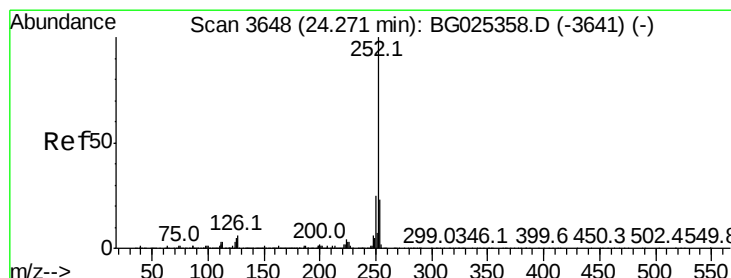
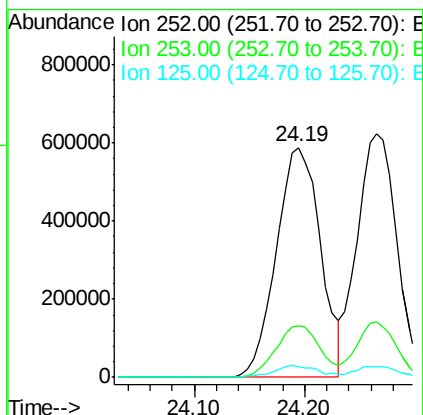
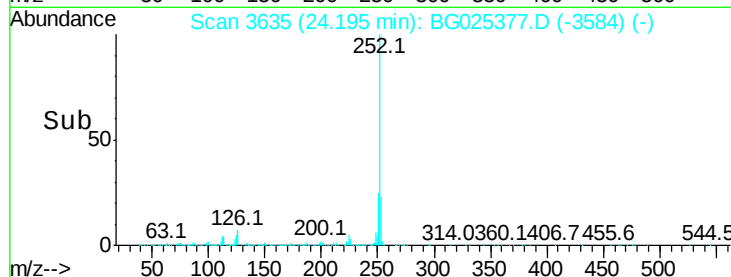
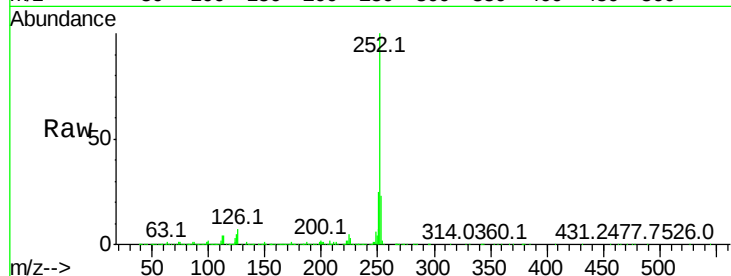
Tot Ion:252 Resp: 1626125

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

125 4.8 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 42.13 ng

RT: 24.27 min Scan# 3647

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

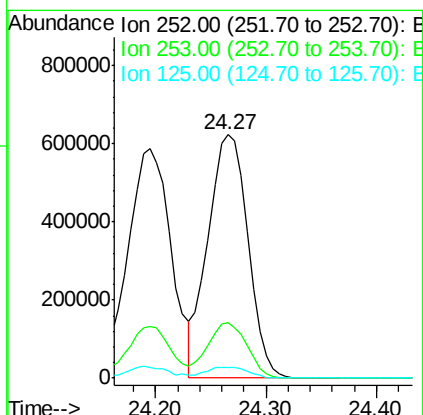
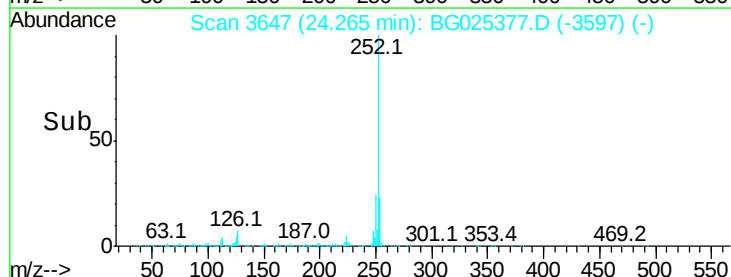
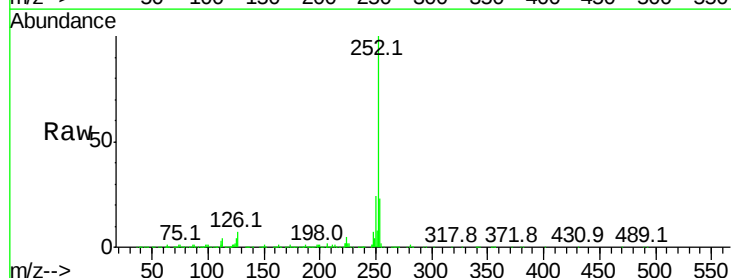
Tgt Ion:252 Resp: 1562470

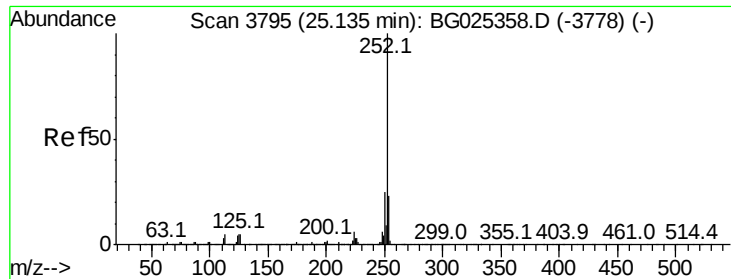
Ion Ratio Lower Upper

252 100

253 22.6 20.2 30.2

125 4.5 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 41.85 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

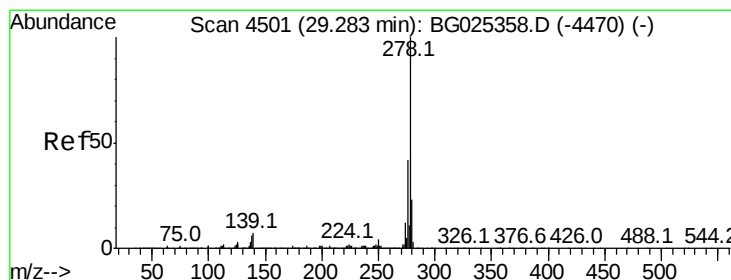
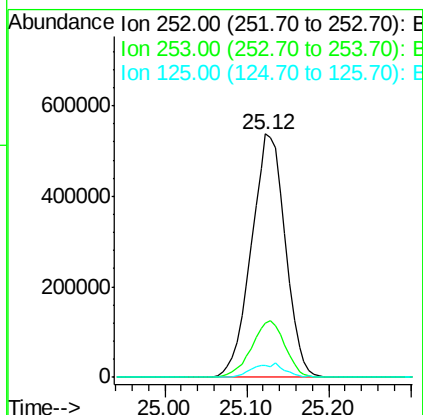
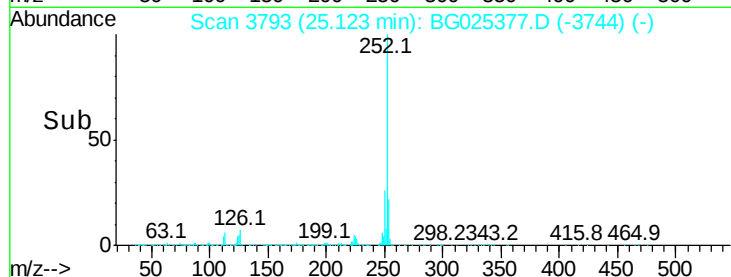
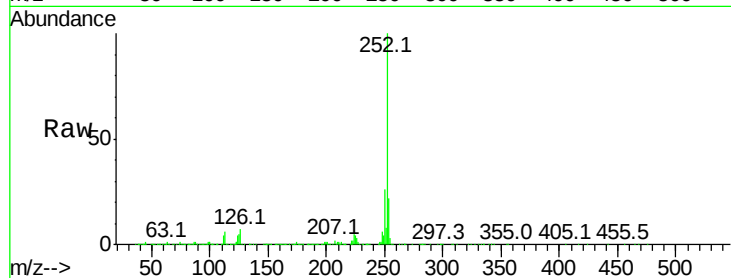
Tot Ion:252 Resp: 1552304

Ion Ratio Lower Upper

252 100

253 22.4 19.2 28.8

125 4.8 5.4 8.0#



#90

Dibenzo(a,h)anthracene

Concen: 41.78 ng

RT: 29.27 min Scan# 4499

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

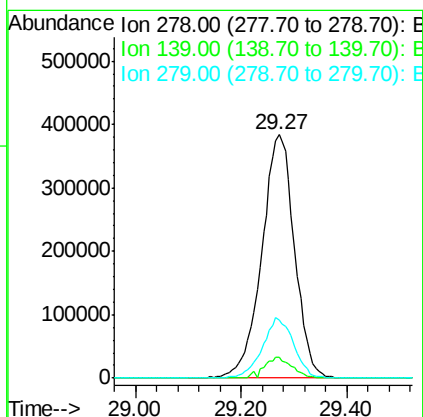
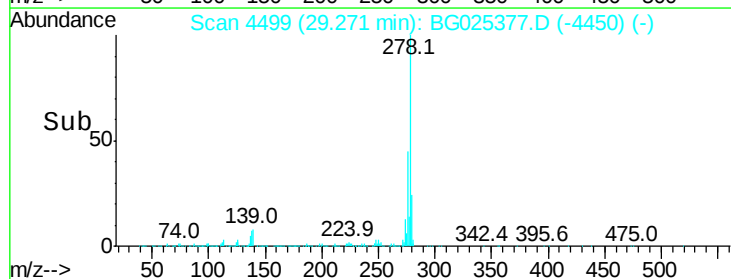
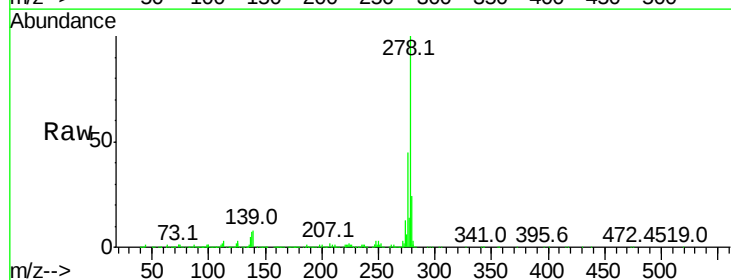
Tgt Ion:278 Resp: 1642644

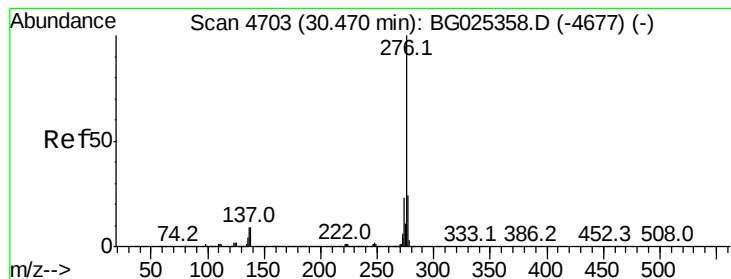
Ion Ratio Lower Upper

278 100

139 8.4 7.7 11.5

279 23.8 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 41.28 ng

RT: 30.46 min Scan# 4701

Delta R.T. -0.01 min

Lab File: BG025377.D

Acq: 22 Dec 2016 3:54

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1612458

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 8.1 8.1 12.1#

