

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023868.D
 Acq On : 24 Aug 2016 00:29
 Operator : UM/SJ
 Sample : H4556-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

Quant Time: Aug 24 02:05:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	105021	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	452097	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	290308	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	667382	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	705469	20.00	ng	-0.02
86) Perylene-d12	25.21	264	706320	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	653708	104.78	ng	-0.03
7) Phenol-d6	7.25	99	981430	100.99	ng	-0.03
23) Nitrobenzene-d5	9.27	82	656102	72.15	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	364863	85.93	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1180671	68.60	ng	-0.02
78) Terphenyl-d14	20.13	244	1836496	80.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	76876	28.92	ng	90
3) Pyridine	3.89	79	241379	27.63	ng	96
4) n-Nitrosodimethylamine	3.81	42	127745	39.44	ng	# 86
6) Aniline	7.41	93	268000	19.09	ng	96
8) 2-Chlorophenol	7.65	128	268045	37.40	ng	97
9) Benzaldehyde	7.22	77	78045	11.16	ng	97
10) Phenol	7.28	94	399513	38.43	ng	87
11) bis(2-Chloroethyl)ether	7.50	93	281233	33.91	ng	91
12) 1,3-Dichlorobenzene	8.12	146	275200	33.53	ng	94
13) 1,4-Dichlorobenzene	8.12	146	275200	32.76	ng	98
14) 1,2-Dichlorobenzene	8.45	146	275451	33.43	ng	# 90
15) Benzyl Alcohol	8.33	79	300994	40.88	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	397811	32.62	ng	92
17) 2-Methylphenol	8.54	107	249362	35.78	ng	87
18) Hexachloroethane	9.18	117	111583	35.29	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	271059	32.43	ng	95
20) 3+4-Methylphenols	8.87	107	336710	34.27	ng	91
22) Acetophenone	8.92	105	389595	31.47	ng	# 92
24) Nitrobenzene	9.31	77	392047	38.93	ng	93
25) Isophorone	9.83	82	693889	36.63	ng	# 94
26) 2-Nitrophenol	10.03	139	159289	37.48	ng	# 82
27) 2,4-Dimethylphenol	10.09	122	253677	35.05	ng	90
28) bis(2-Chloroethoxy)methane	10.32	93	401449	35.26	ng	99
29) 2,4-Dichlorophenol	10.57	162	278174	38.23	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	281949	35.93	ng	97
31) Naphthalene	10.97	128	814760	35.39	ng	99
32) Benzoic acid	10.19	122	17788	8.75	ng	# 84
33) 4-Chloroaniline	11.09	127	166412	15.12	ng	95
34) Hexachlorobutadiene	11.25	225	192082	37.22	ng	95
35) Caprolactam	11.86	113	94129	30.75	ng	94
36) 4-Chloro-3-methylphenol	12.22	107	336672	35.22	ng	91
37) 2-Methylnaphthalene	12.58	142	598225	34.18	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	296383	28.15	ng	99
40) Hexachlorocyclopentadiene	12.92	237	256643	48.34	ng	99

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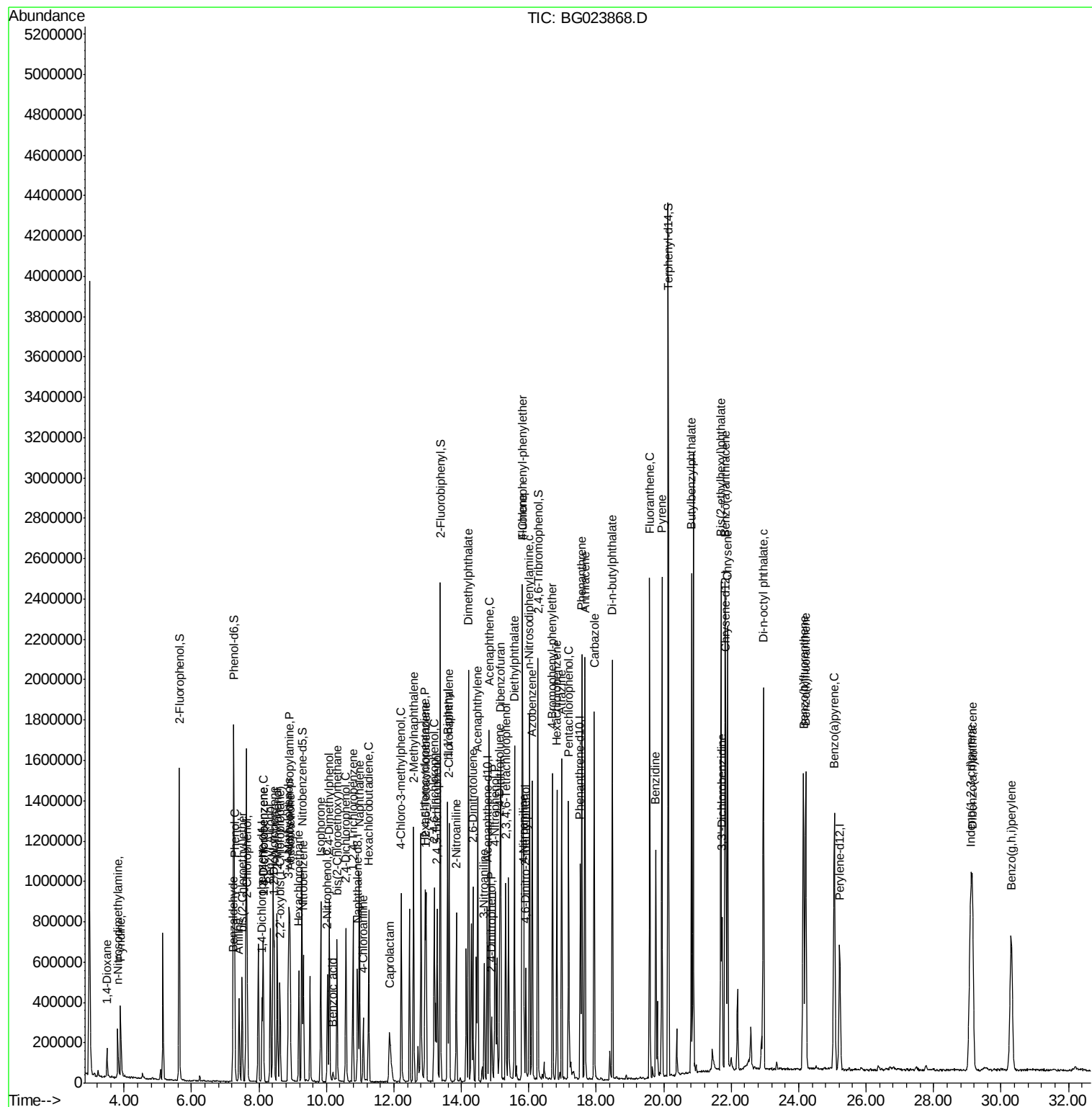
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	225178	35.91	ng	97
43) 2,4,5-Trichlorophenol	13.28	196	233314	36.14	ng	93
45) 1,1'-Biphenyl	13.59	154	719804	32.43	ng	99
46) 2-Chloronaphthalene	13.64	162	622994	36.29	ng	98
47) 2-Nitroaniline	13.85	65	261016	36.62	ng	89
48) Acenaphthylene	14.49	152	989591	36.46	ng	99
49) Dimethylphthalate	14.21	163	1246294	55.95	ng	98
50) 2,6-Dinitrotoluene	14.34	165	184183	34.92	ng	88
51) Acenaphthene	14.83	154	620396	36.09	ng	98
52) 3-Nitroaniline	14.68	138	132328	22.25	ng	80
53) 2,4-Dinitrophenol	14.90	184	77622	22.96	ng	98
54) Dibenzofuran	15.16	168	978786	39.21	ng	96
55) 4-Nitrophenol	15.00	139	270611	57.93	ng	# 84
56) 2,4-Dinitrotoluene	15.14	165	265843	35.91	ng	98
57) Fluorene	15.81	166	799750	36.72	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	208622	35.21	ng	99
59) Diethylphthalate	15.57	149	858075	37.95	ng	100
60) 4-Chlorophenyl-phenylether	15.80	204	406353	35.25	ng	96
61) 4-Nitroaniline	15.85	138	197801	31.23	ng	# 70
62) Azobenzene	16.10	77	950155	41.46	ng	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	124245	27.38	ng	93
65) n-Nitrosodiphenylamine	16.02	169	713801	36.46	ng	99
66) 4-Bromophenyl-phenylether	16.70	248	277739	35.71	ng	98
67) Hexachlorobenzene	16.83	284	291619	34.27	ng	95
68) Atrazine	16.97	200	285728	38.01	ng	93
69) Pentachlorophenol	17.18	266	268979	54.22	ng	95
70) Phenanthrene	17.57	178	1266925	37.41	ng	99
71) Anthracene	17.66	178	1304730	38.31	ng	99
72) Carbazole	17.94	167	1212777	40.55	ng	97
73) Di-n-butylphthalate	18.47	149	1417106	47.08	ng	97
74) Fluoranthene	19.59	202	1491127	47.26	ng	96
76) Benzidine	19.76	184	653802	33.34	ng	99
77) Pyrene	19.94	202	1497214	35.64	ng	95
79) Butylbenzylphthalate	20.82	149	673842	39.67	ng	96
80) Benzo(a)anthracene	21.82	228	1458188	37.44	ng	96
81) 3,3'-Dichlorobenzidine	21.73	252	301108	18.85	ng	# 96
82) Chrysene	21.89	228	1381618	37.29	ng	98
83) Bis(2-ethylhexyl)phthalate	21.69	149	951871	40.92	ng	# 97
84) Di-n-octyl phthalate	22.95	149	1604576	40.41	ng	99
85) Indeno(1,2,3-cd)pyrene	29.09	276	1662736	35.92	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	1485930	37.39	ng	# 96
88) Benzo(k)fluoranthene	24.21	252	1421678	37.25	ng	# 98
89) Benzo(a)pyrene	25.06	252	1437672	38.04	ng	# 97
90) Dibenzo(a,h)anthracene	29.15	278	1431139	37.07	ng	# 95
91) Benzo(g,h,i)perylene	30.30	276	1395932	35.90	ng	# 93

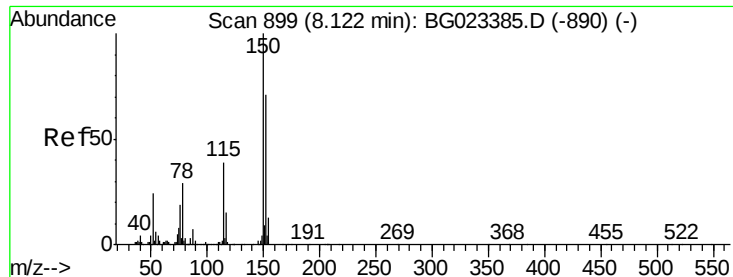
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

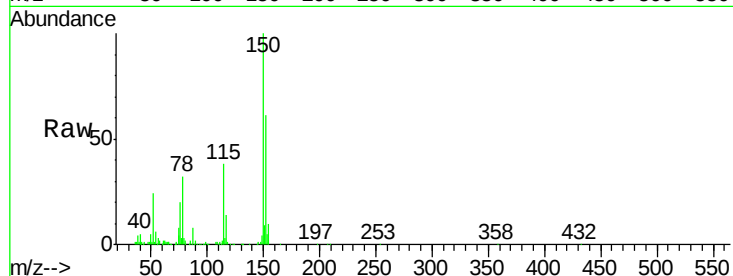
Tgt Ion:152 Resp: 105021

Ion Ratio Lower Upper

152 100

150 164.7 144.7 217.1

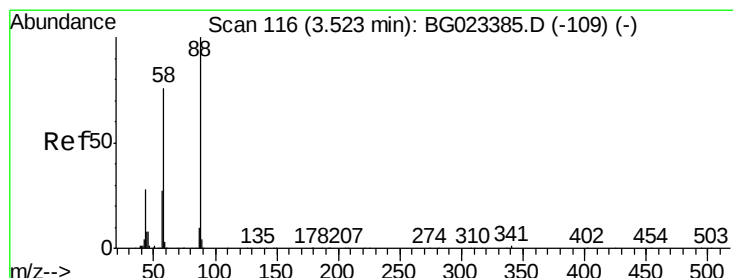
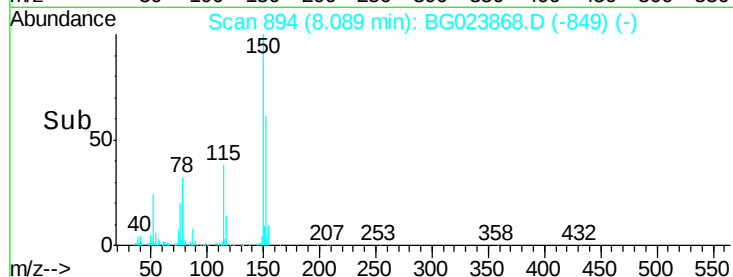
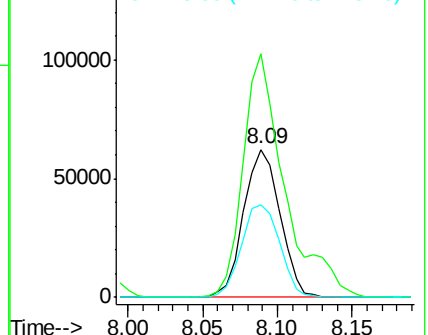
115 62.9 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.92 ng

RT: 3.50 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

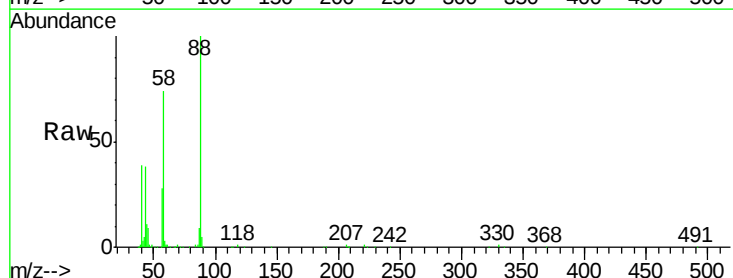
Tgt Ion: 88 Resp: 76876

Ion Ratio Lower Upper

88 100

58 84.2 60.4 90.6

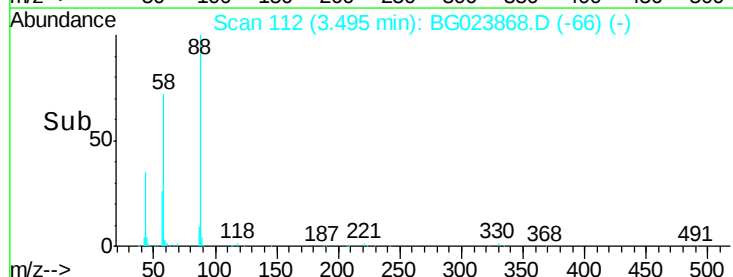
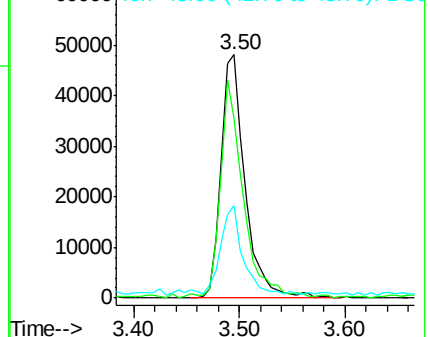
43 33.2 31.1 46.7

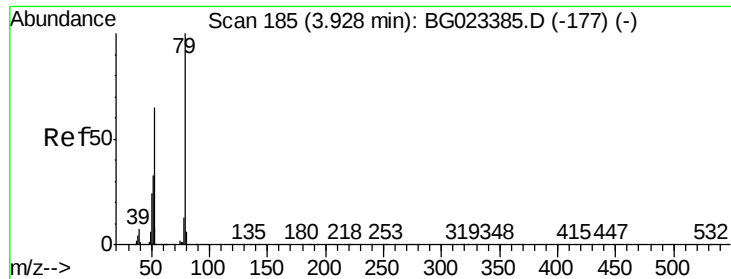


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.63 ng

RT: 3.89 min Scan# 180

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

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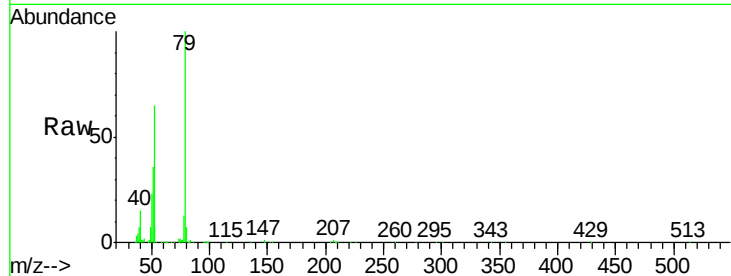
Tgt Ion: 79 Resp: 241379

Ion Ratio Lower Upper

79 100

52 65.1 51.8 77.8

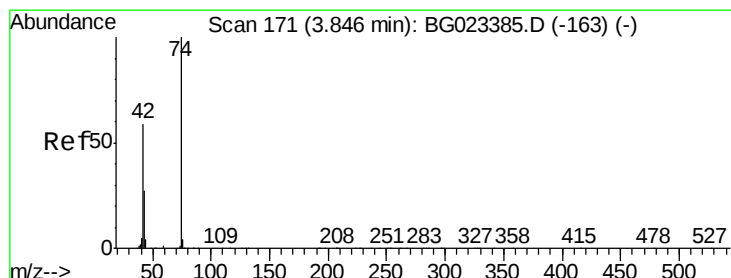
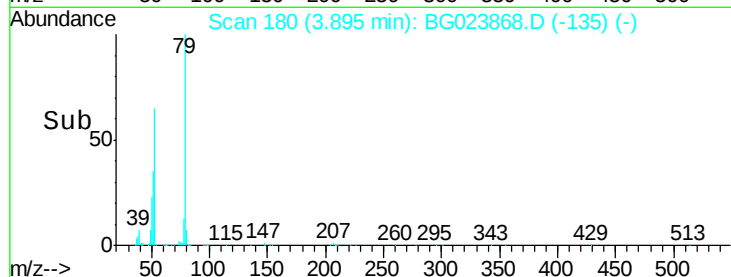
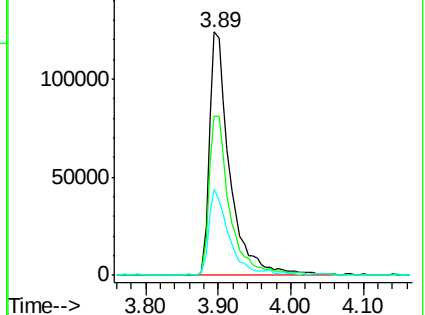
51 35.6 32.7 49.1



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: 39.44 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

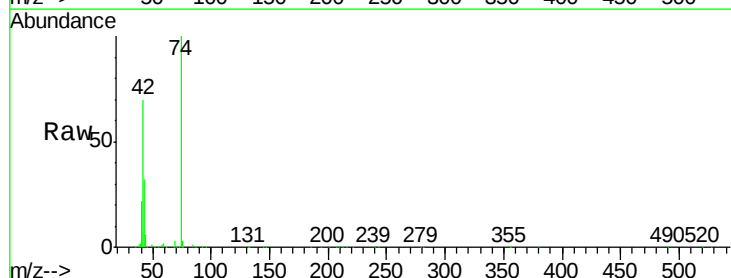
Tgt Ion: 42 Resp: 127745

Ion Ratio Lower Upper

42 100

74 141.9 100.6 150.8

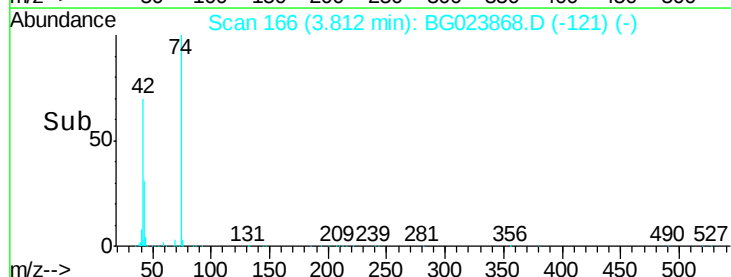
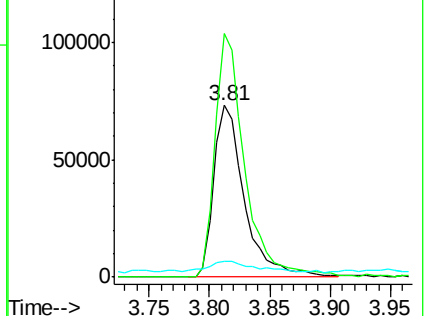
44 9.2 4.5 6.7#

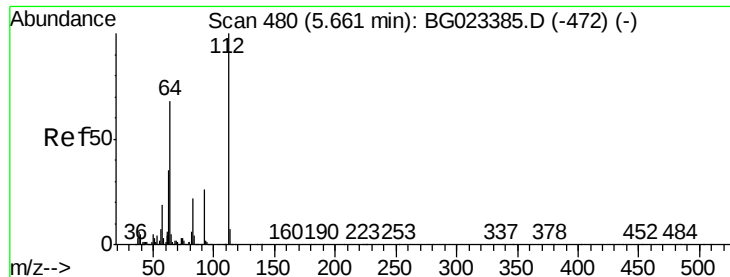


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 104.78 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

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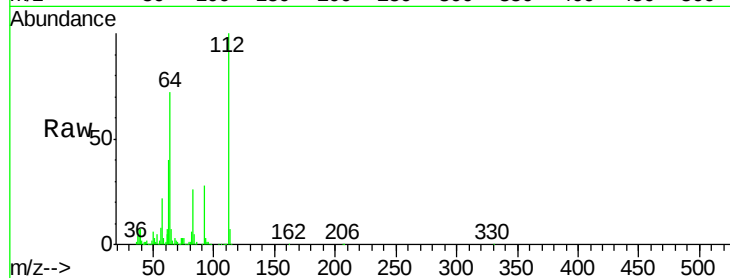
Tgt Ion: 112 Resp: 653708

Ion Ratio Lower Upper

112 100

64 72.2 59.0 88.4

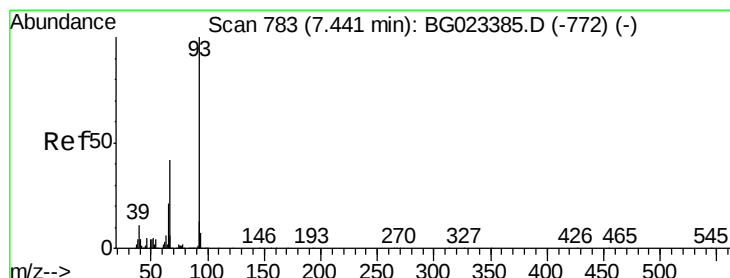
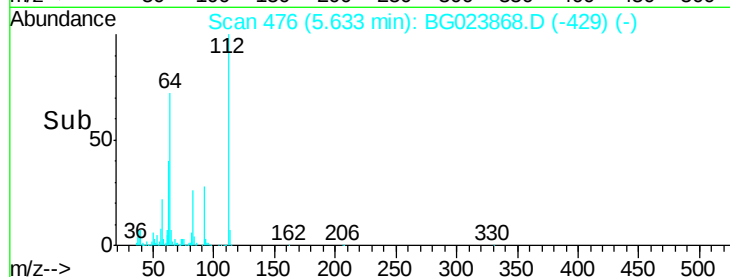
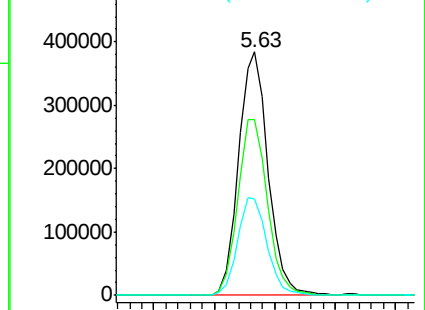
63 39.5 37.8 56.8



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: 19.09 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

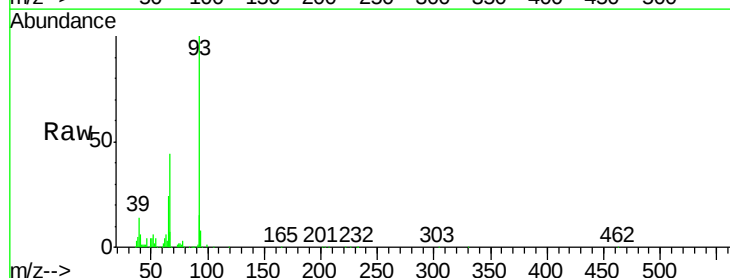
Tgt Ion: 93 Resp: 268000

Ion Ratio Lower Upper

93 100

66 43.9 37.5 56.3

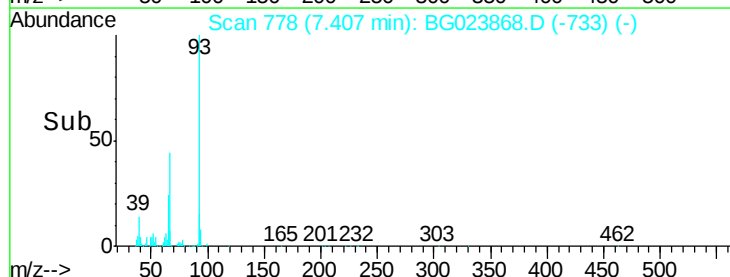
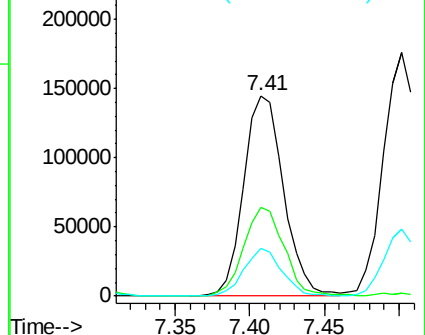
65 23.9 17.9 26.9

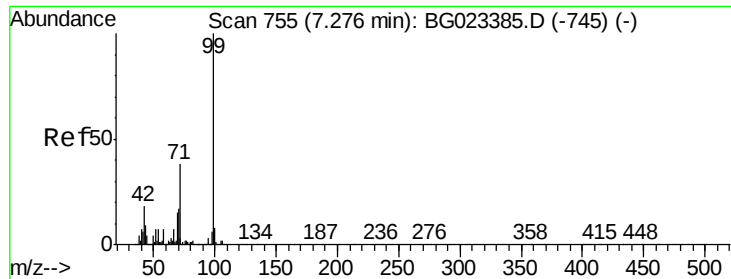


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.99 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

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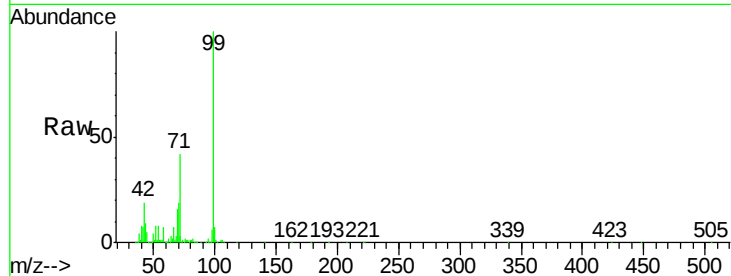
Tgt Ion: 99 Resp: 981430

Ion Ratio Lower Upper

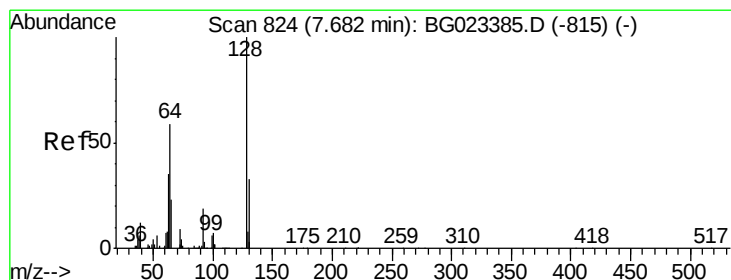
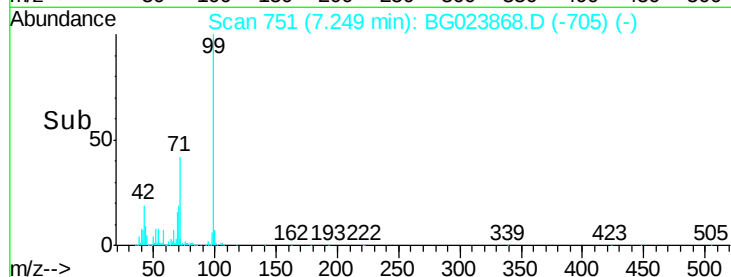
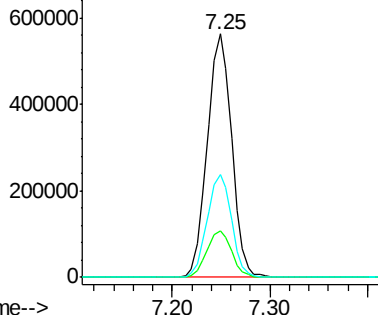
99 100

42 19.3 17.8 26.6

71 42.2 41.5 62.3



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



#8

2-Chlorophenol

Concen: 37.40 ng

RT: 7.65 min Scan# 819

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

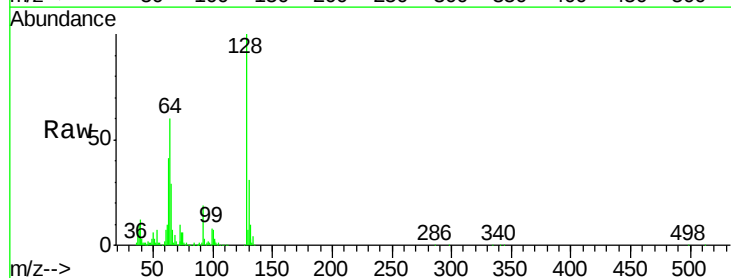
Tgt Ion: 128 Resp: 268045

Ion Ratio Lower Upper

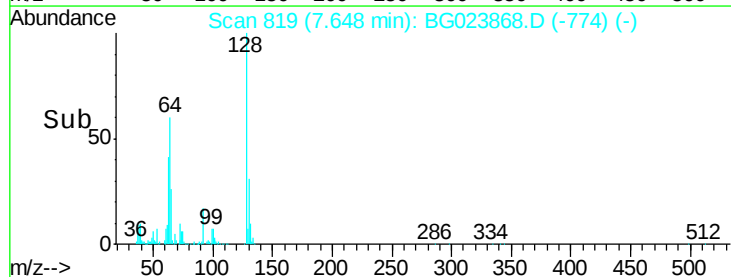
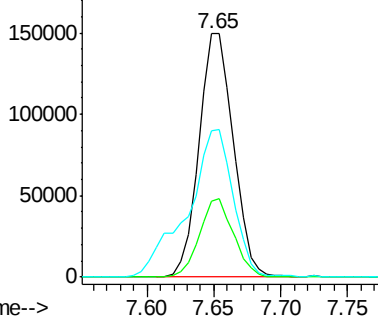
128 100

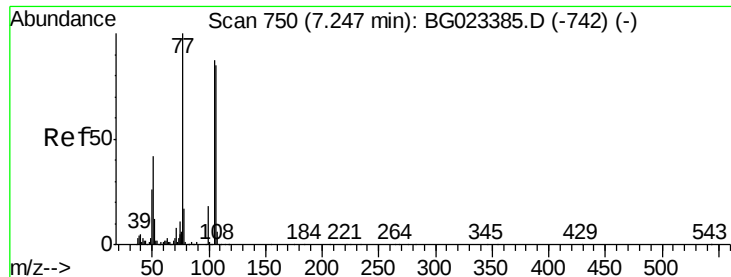
130 31.3 12.9 52.9

64 60.1 42.0 82.0



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: 11.16 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.03 min

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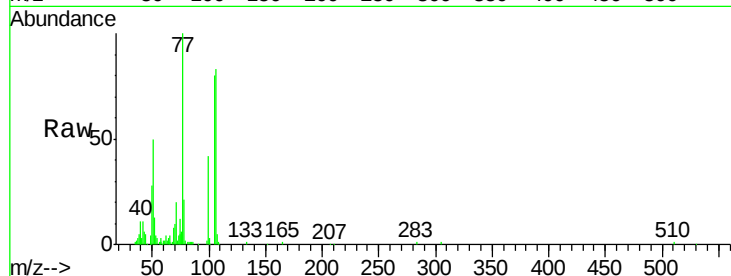
Tgt Ion: 77 Resp: 78045

Ion Ratio Lower Upper

77 100

105 80.0 58.7 98.7

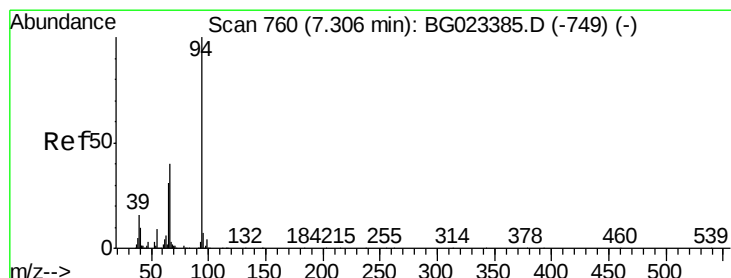
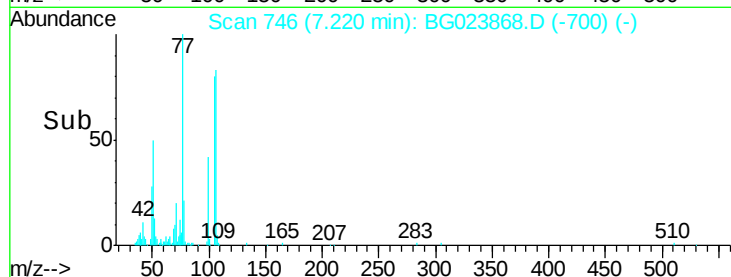
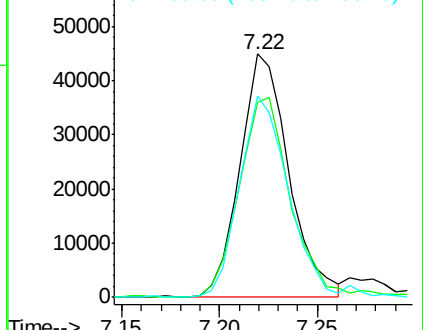
106 82.7 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.43 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

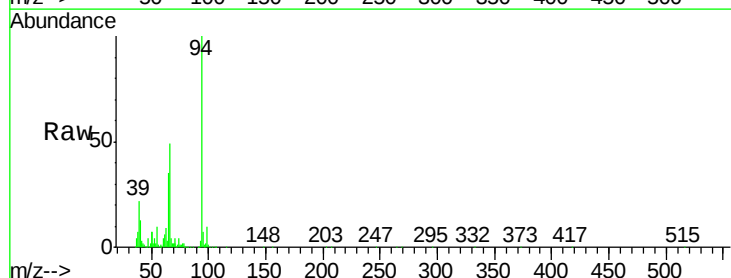
Tgt Ion: 94 Resp: 399513

Ion Ratio Lower Upper

94 100

65 35.0 18.1 58.1

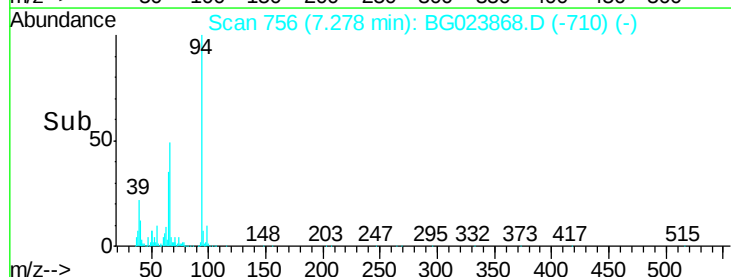
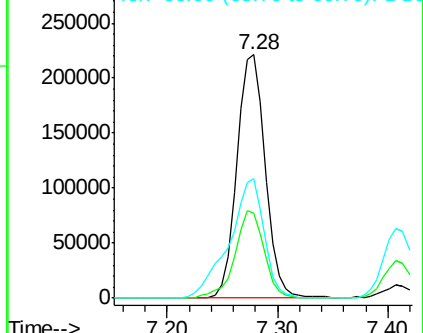
66 48.9 42.1 82.1

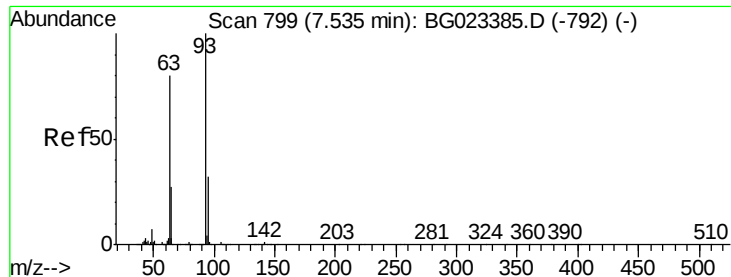


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

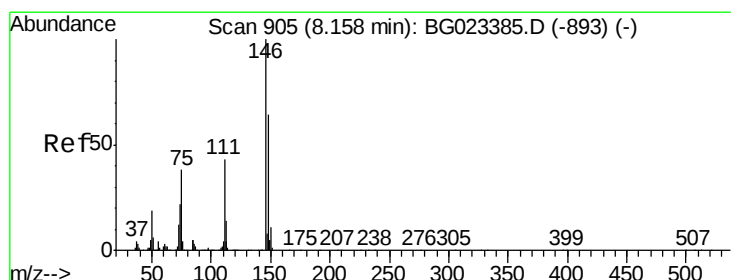
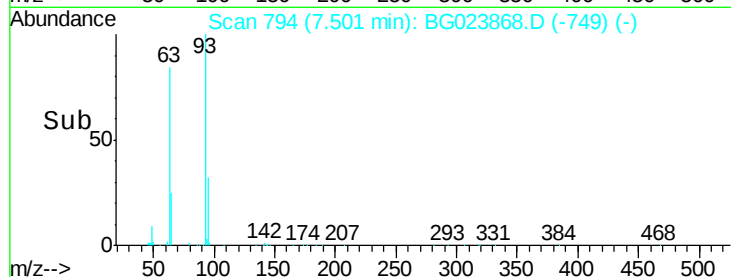
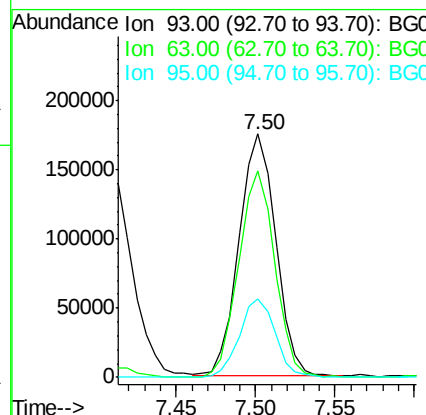
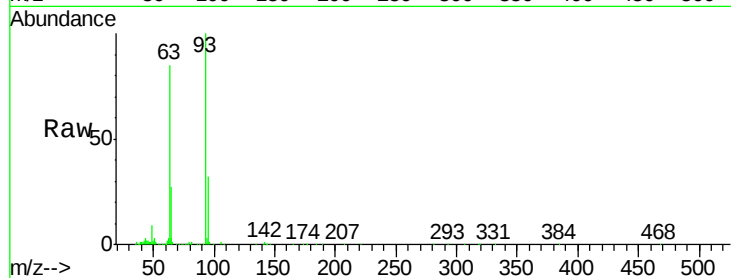




#11
bis(2-Chloroethyl)ether
Concen: 33.91 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

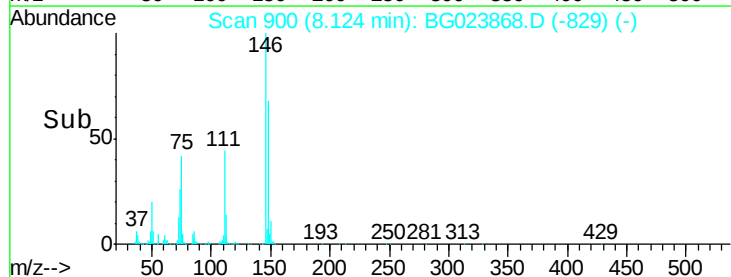
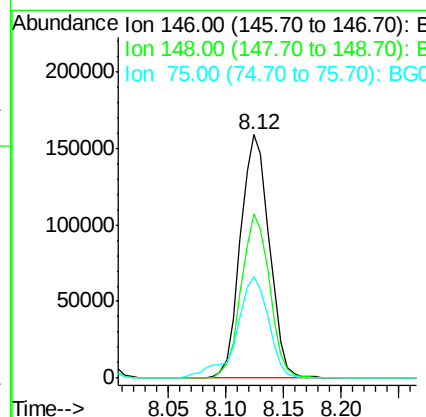
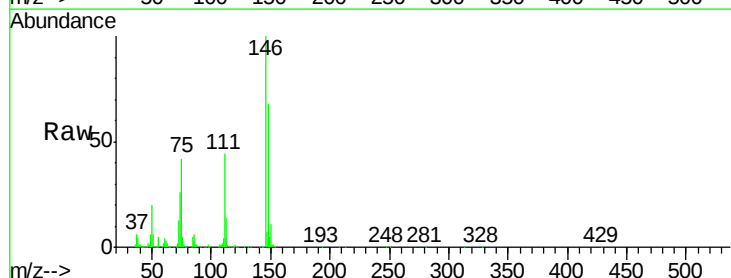
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

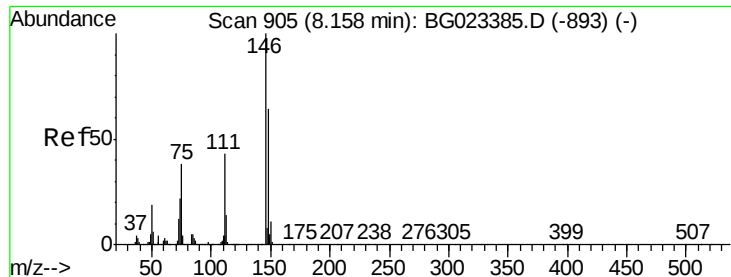
Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.8	55.0	95.0
95	32.0	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 33.53 ng
RT: 8.12 min Scan# 900
Delta R.T. 0.12 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.3	75.5
75	41.6	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 32.76 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

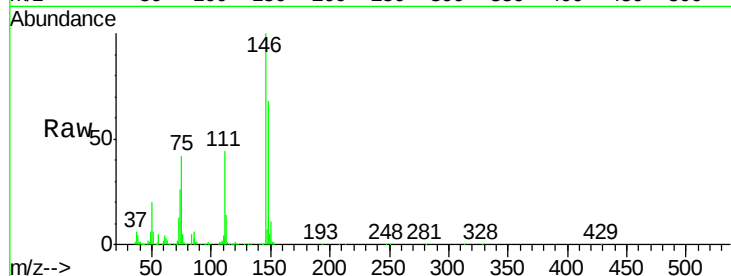
Tgt Ion:146 Resp: 275200

Ion Ratio Lower Upper

146 100

148 67.5 54.5 81.7

111 44.2 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

8.12

150000

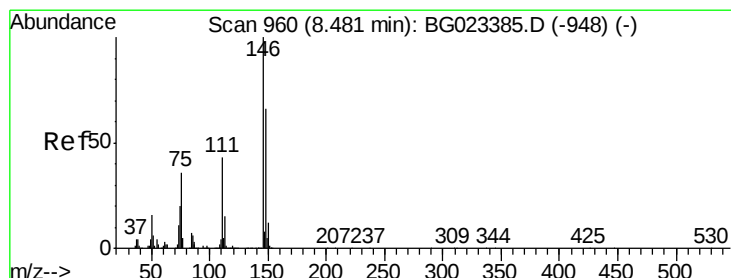
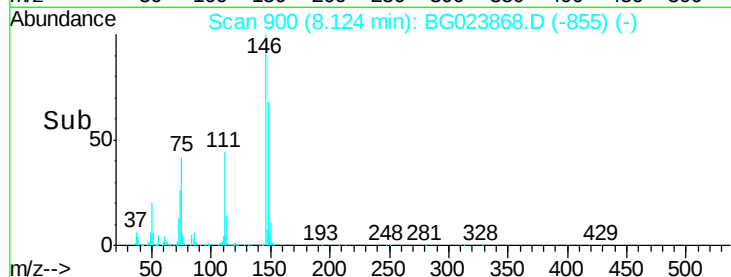
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#14

1,2-Dichlorobenzene

Concen: 33.43 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

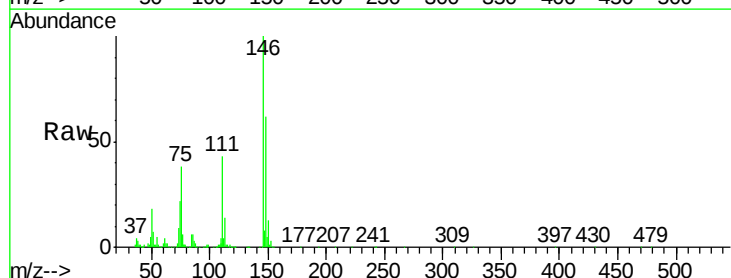
Tgt Ion:146 Resp: 275451

Ion Ratio Lower Upper

146 100

148 62.3 52.9 79.3

111 42.8 43.5 65.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

8.45

200000

150000

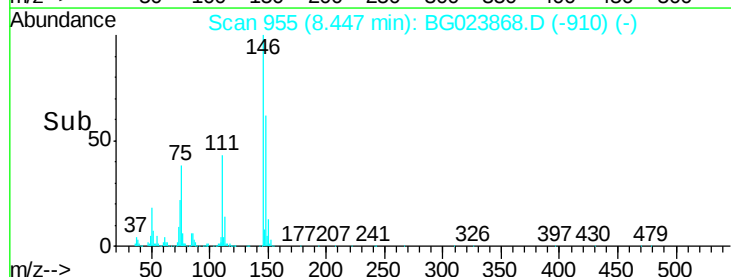
100000

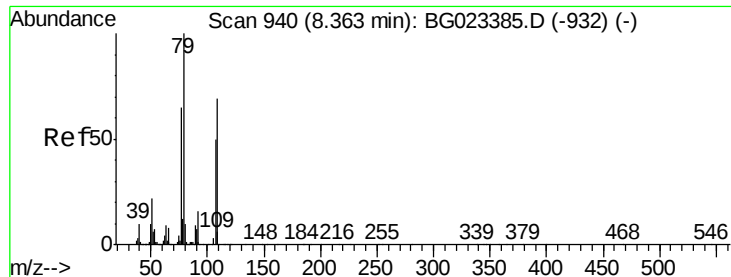
50000

0

8.35 8.40 8.45 8.50 8.55

Time-->





#15

Benzyl Alcohol

Concen: 40.88 ng

RT: 8.33 min Scan# 935

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

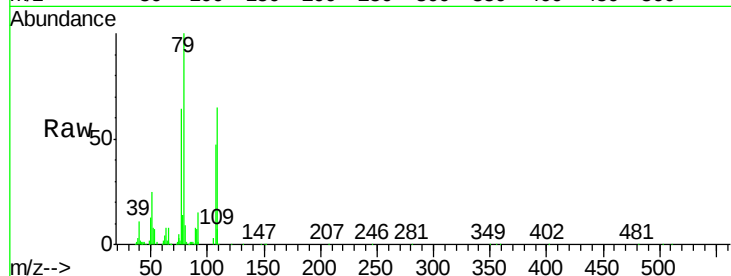
Tgt Ion: 79 Resp: 300994

Ion Ratio Lower Upper

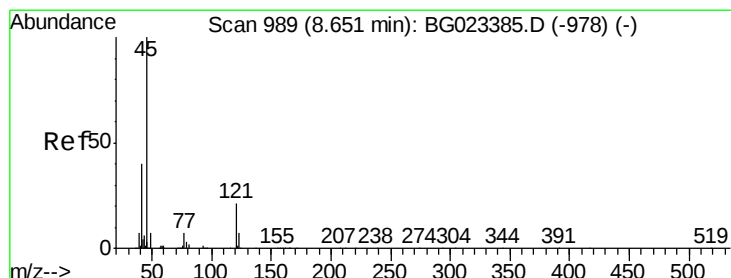
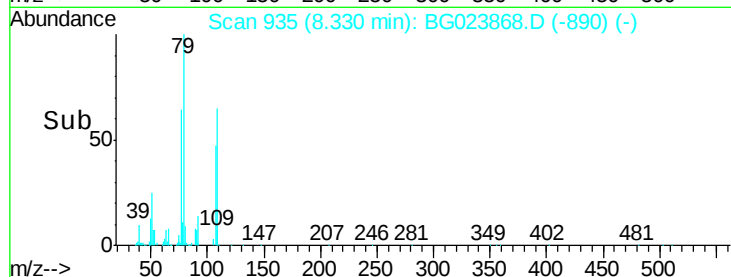
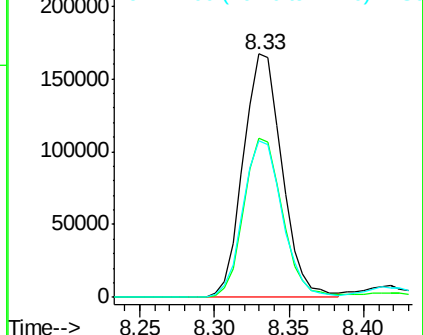
79 100

108 65.4 46.5 69.7

77 64.4 52.3 78.5



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: 32.62 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

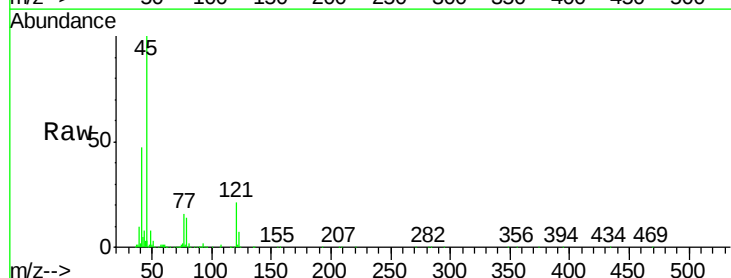
Tgt Ion: 45 Resp: 397811

Ion Ratio Lower Upper

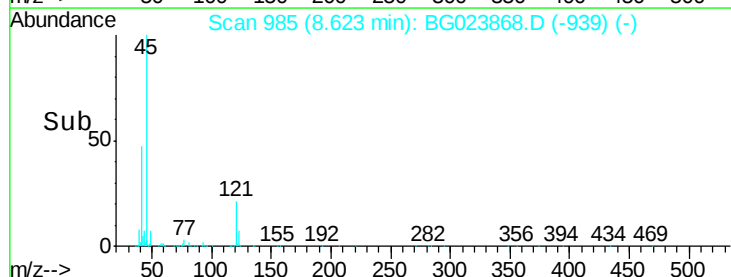
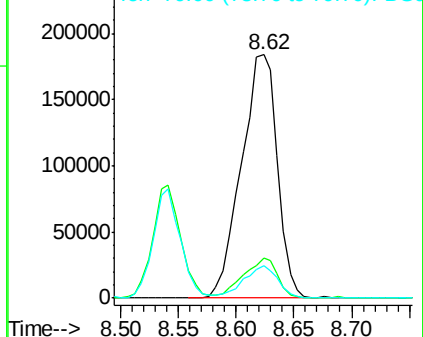
45 100

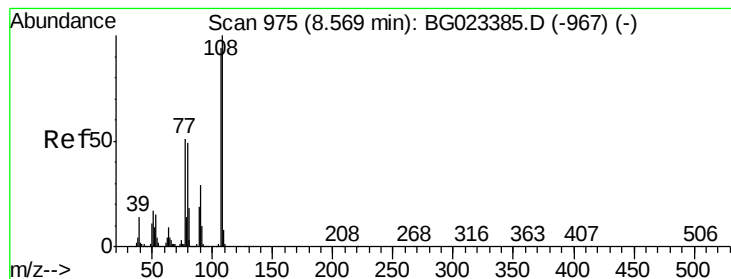
77 16.3 0.6 40.6

79 13.6 0.0 36.2



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: 35.78 ng

RT: 8.54 min Scan# 971

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

Tgt Ion:107 Resp: 249362

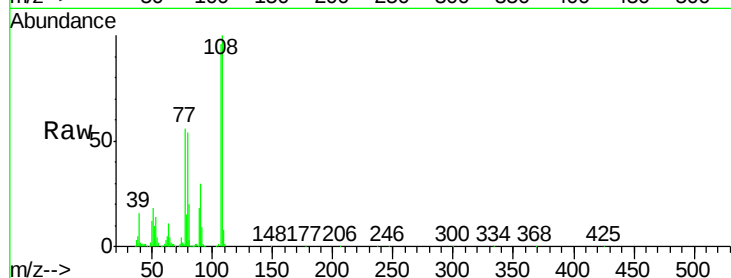
Ion Ratio Lower Upper

107 100

108 103.9 92.0 138.0

77 57.9 55.8 83.6

79 56.0 55.0 82.6

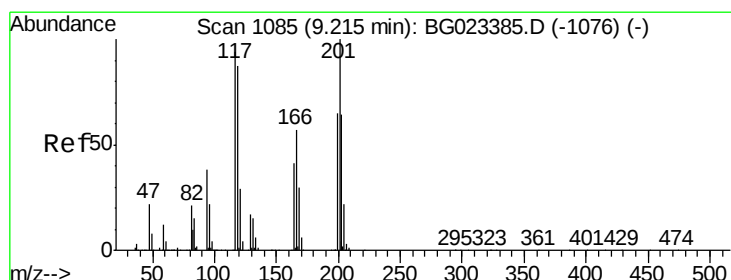
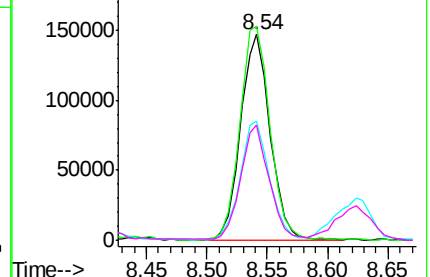
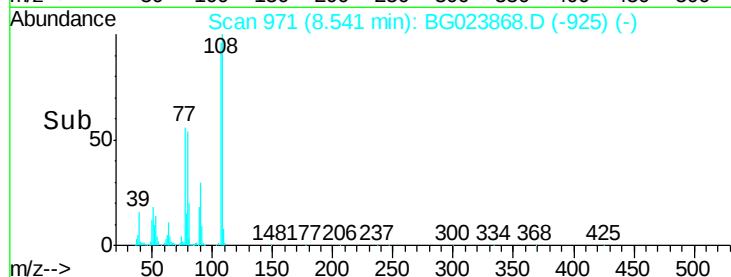


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 35.29 ng

RT: 9.18 min Scan# 1079

Delta R.T. -0.04 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

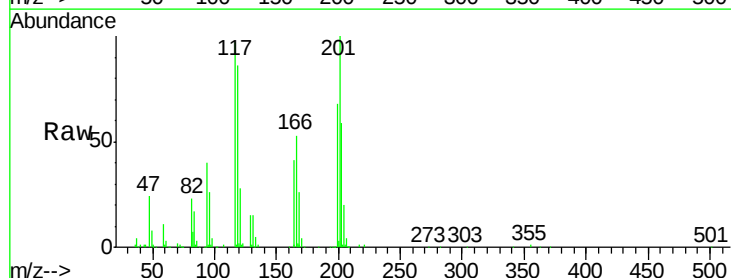
Tgt Ion:117 Resp: 111583

Ion Ratio Lower Upper

117 100

119 88.1 73.7 110.5

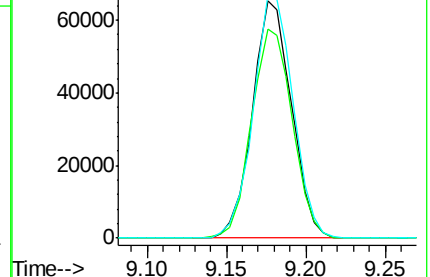
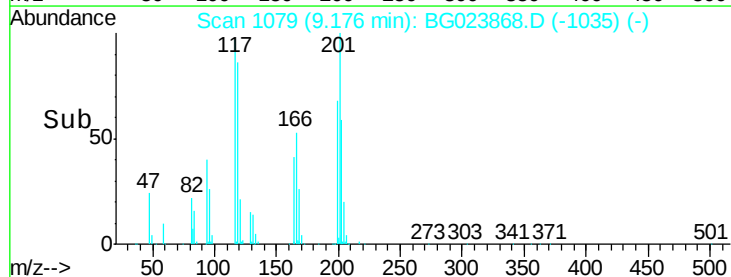
201 102.9 88.7 133.1

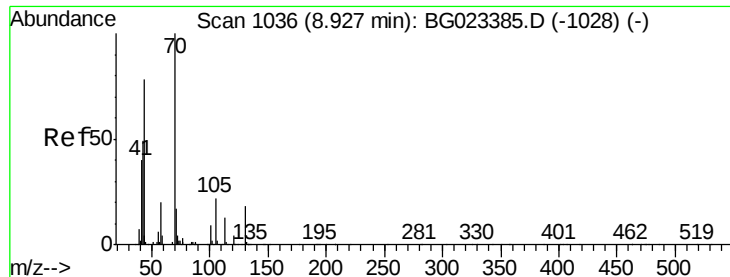


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

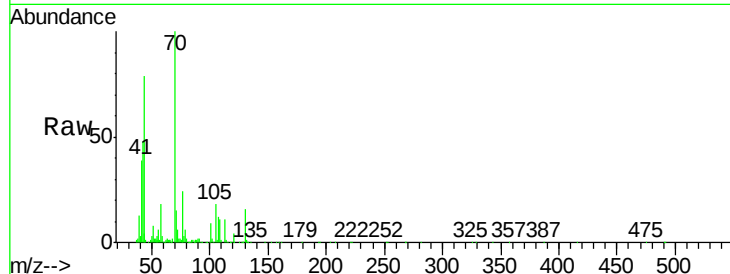




#19
n-Nitroso-di-n-propylamine
Concen: 32.43 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Tgt Ion:	70	Resp:	271059
Ion	Ratio	Lower	Upper
70	100		
42	48.1	42.1	63.1
101	8.7	7.2	10.8
130	16.4	14.2	21.2



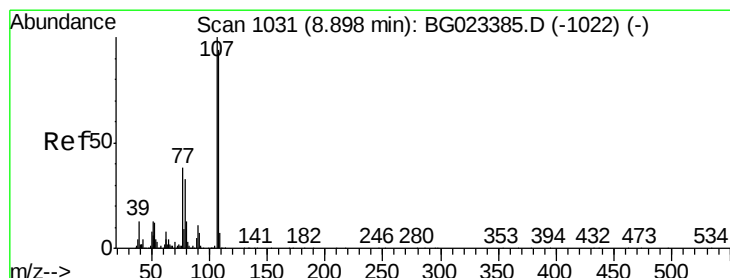
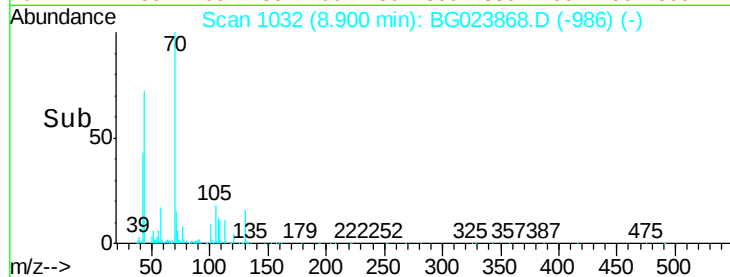
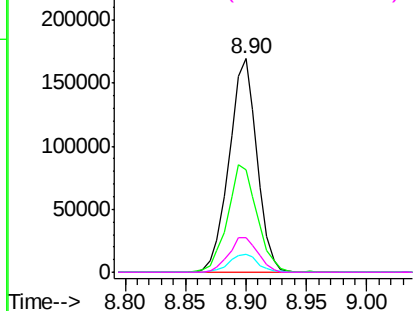
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

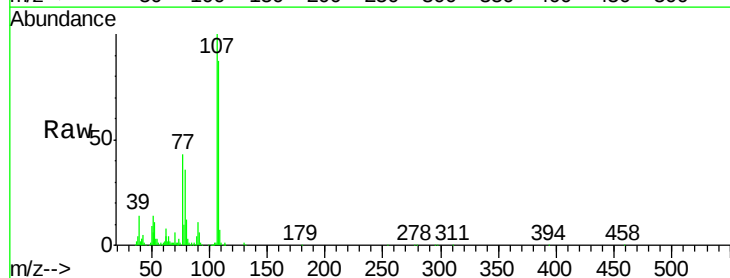
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 34.27 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:	107	Resp:	336710
Ion	Ratio	Lower	Upper
107	100		
108	87.0	72.5	112.5
77	42.5	30.1	70.1
79	35.8	24.2	64.2



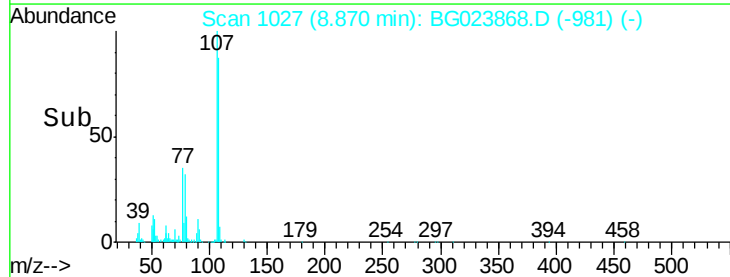
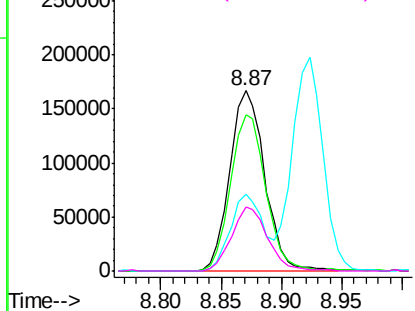
Abundance

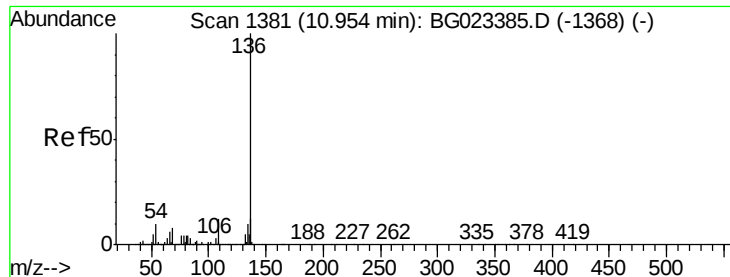
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

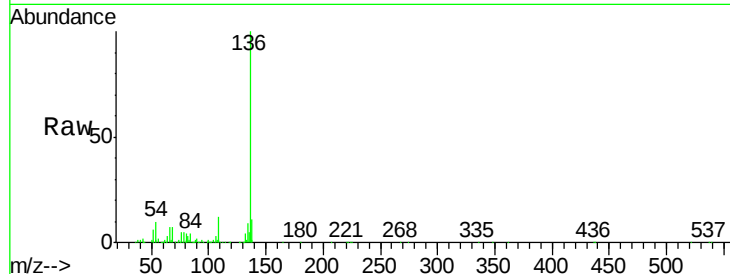




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Tgt Ion:	136	Resp:	452097
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.6	7.3	10.9
68	6.9	5.3	7.9



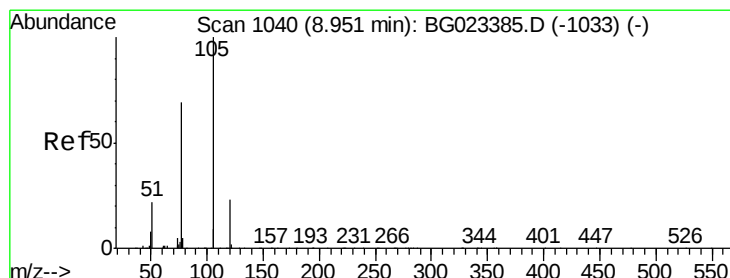
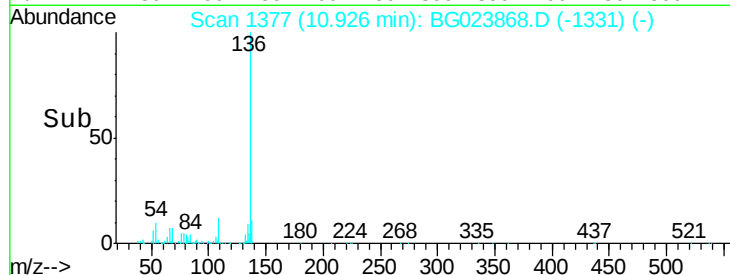
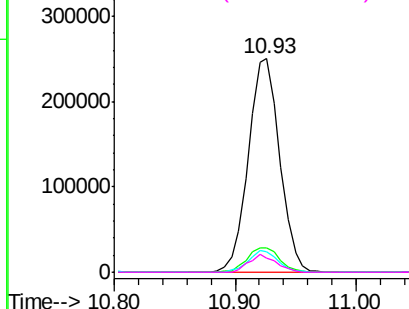
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

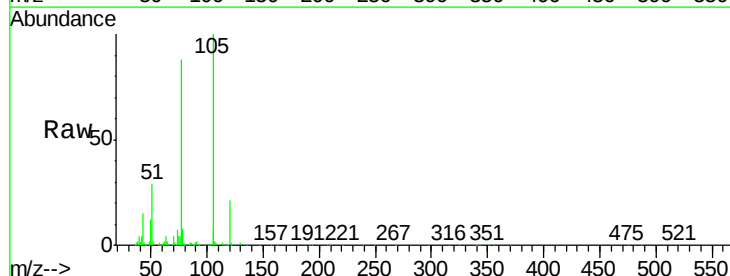
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 31.47 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:	105	Resp:	389595
Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.6	3.8#
51	28.7	27.1	40.7
120	21.2	15.1	22.7



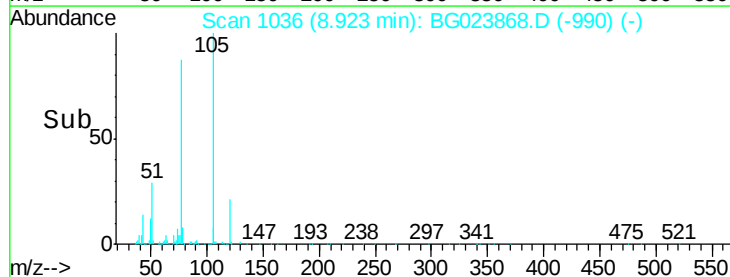
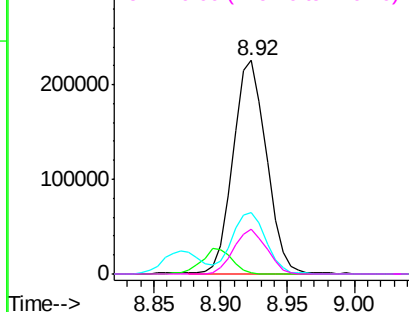
Abundance

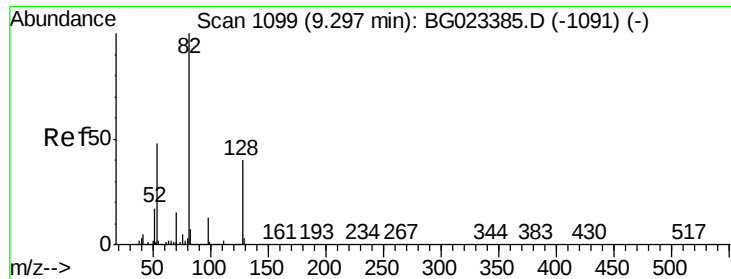
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

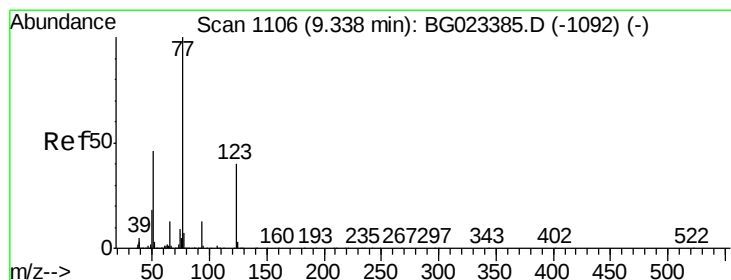
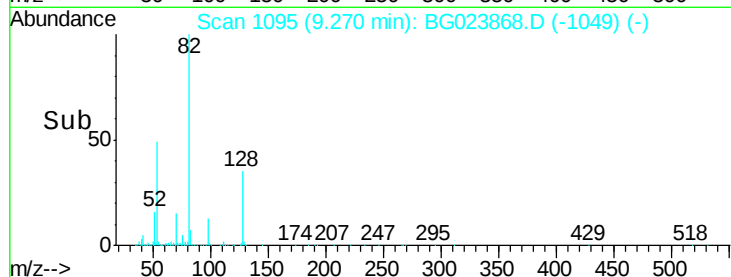
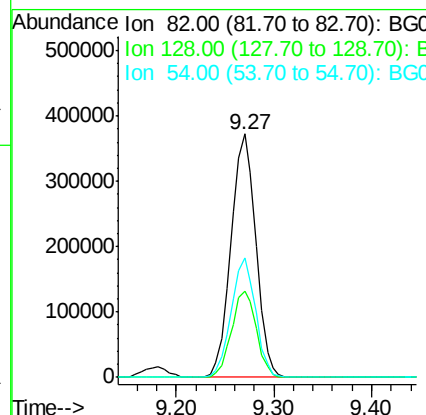
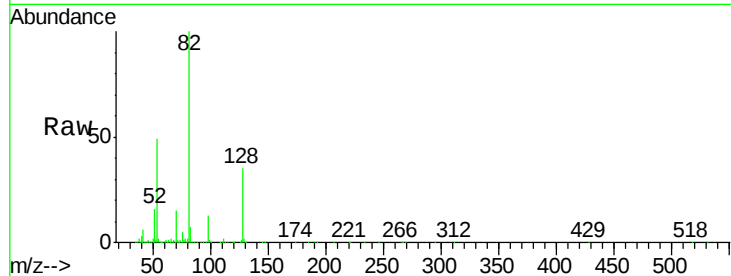




#23
 Nitrobenzene-d5
 Concen: 72.15 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

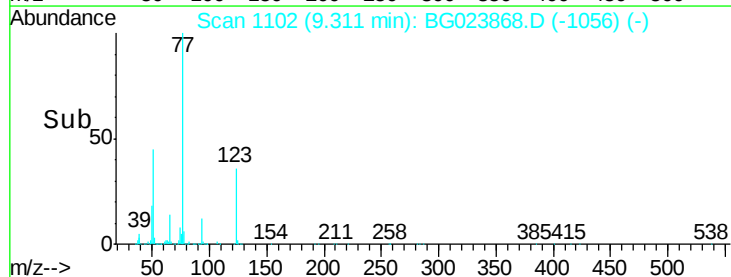
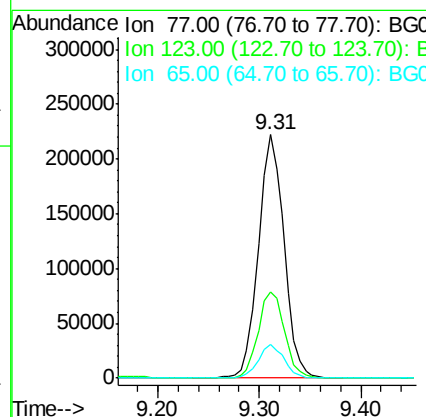
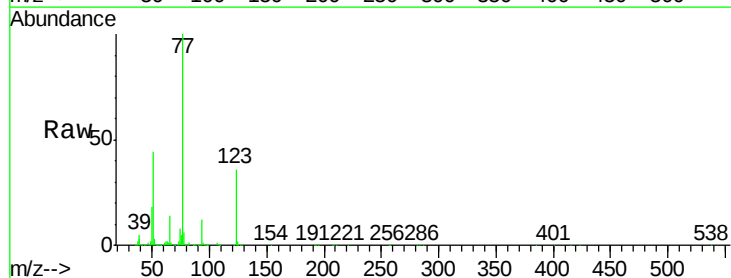
Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

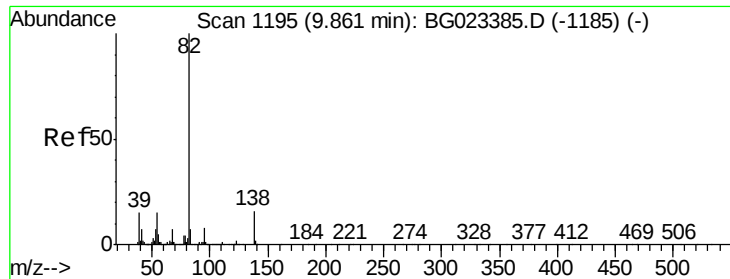
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	24.4	36.6
54	49.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 38.93 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.5	25.0	37.6
65	14.1	13.4	20.0





#25

Isophorone

Concen: 36.63 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

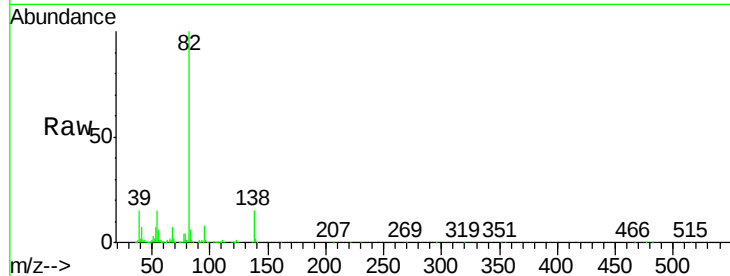
Tgt Ion: 82 Resp: 693889

Ion Ratio Lower Upper

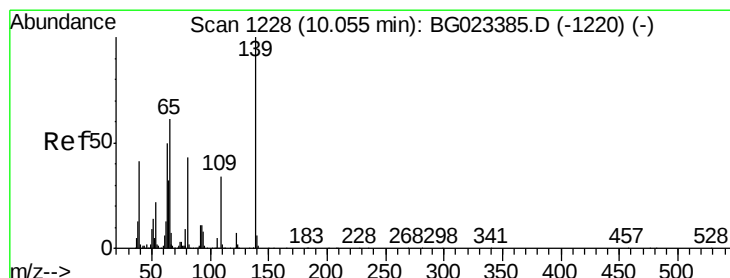
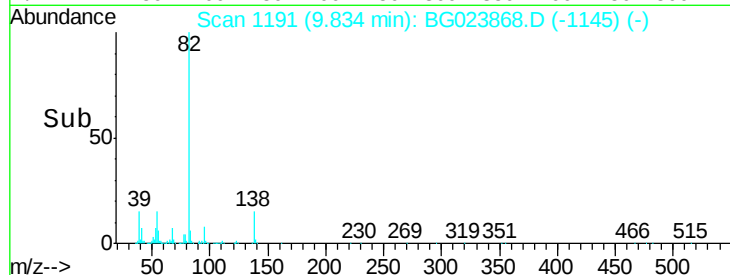
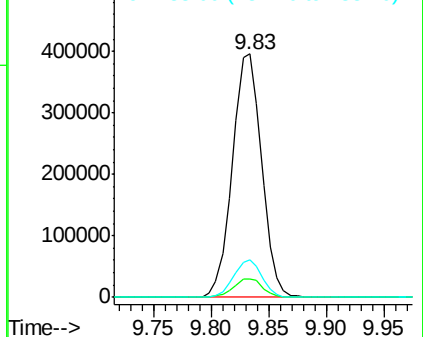
82 100

95 7.6 8.2 12.2#

138 15.3 10.7 16.1



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



#26

2-Nitrophenol

Concen: 37.48 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

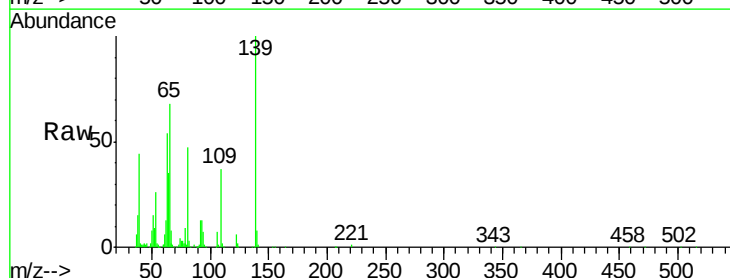
Tgt Ion: 139 Resp: 159289

Ion Ratio Lower Upper

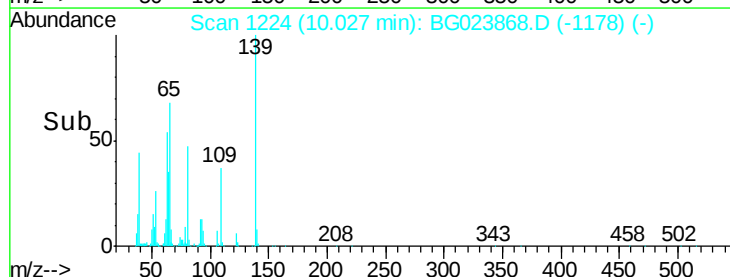
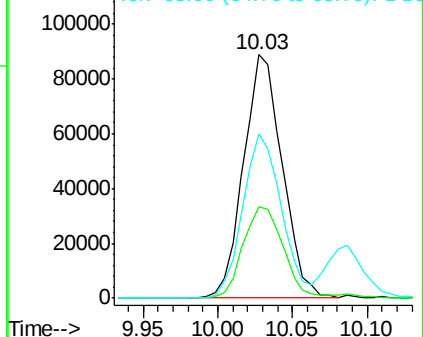
139 100

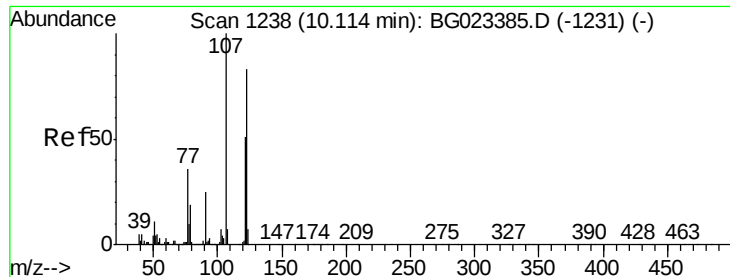
109 37.3 43.5 65.3#

65 67.6 64.3 96.5



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

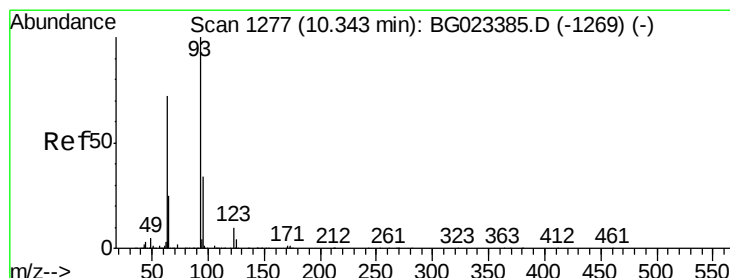
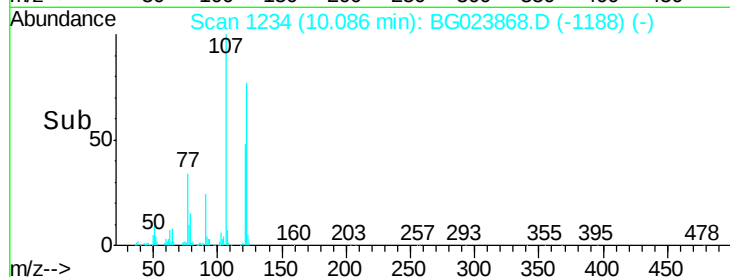
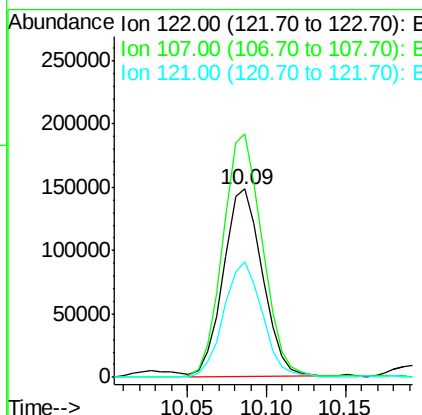
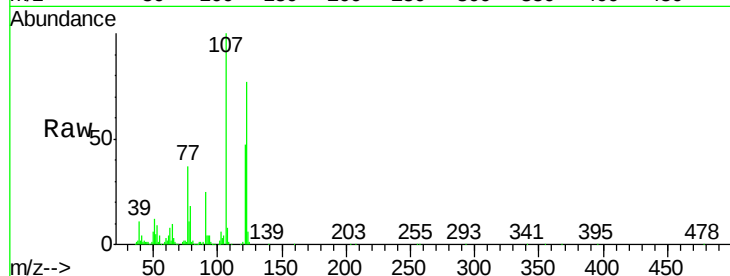




#27
 2,4-Dimethylphenol
 Concen: 35.05 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.03 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

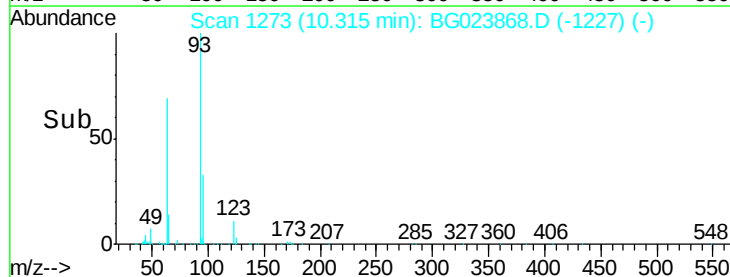
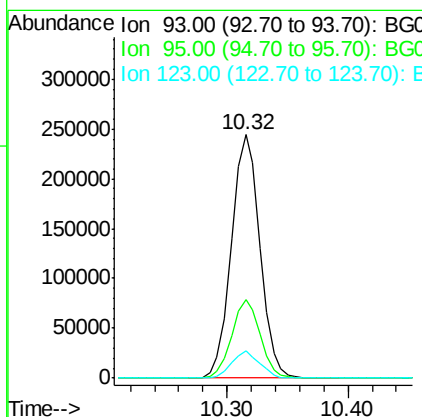
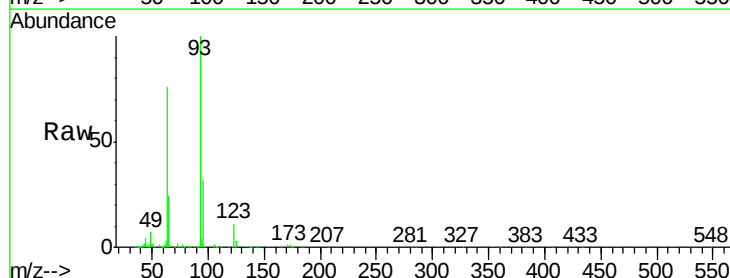
Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

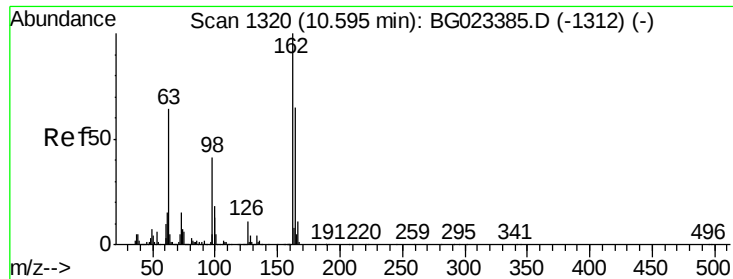
Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.2	117.0	175.4
121	61.3	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.26 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.2
123	11.2	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 38.23 ng

RT: 10.57 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

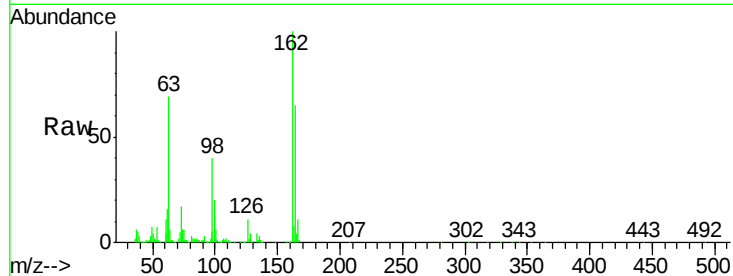
Tgt Ion:162 Resp: 278174

Ion Ratio Lower Upper

162 100

164 65.0 44.3 84.3

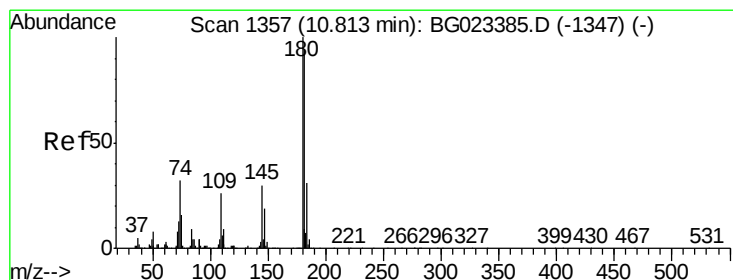
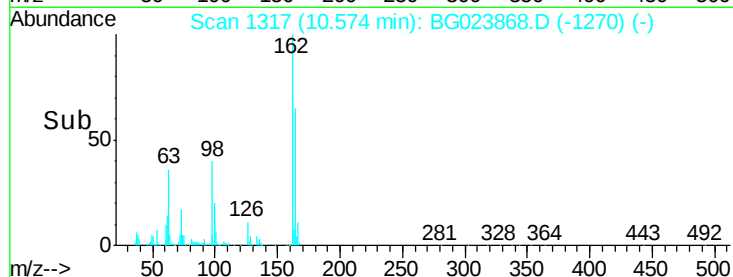
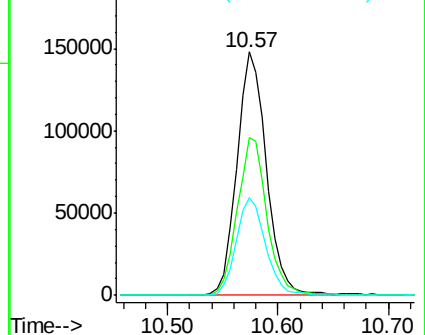
98 40.1 19.5 59.5



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: 35.93 ng

RT: 10.79 min Scan# 1353

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

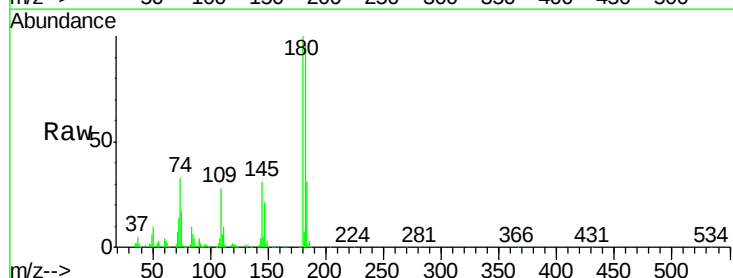
Tgt Ion:180 Resp: 281949

Ion Ratio Lower Upper

180 100

182 95.8 73.8 110.8

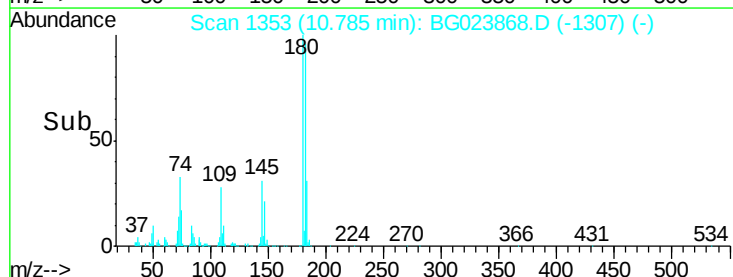
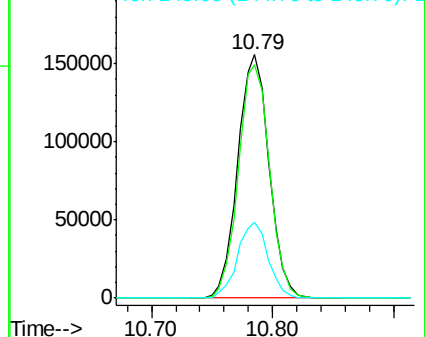
145 31.0 24.4 36.6

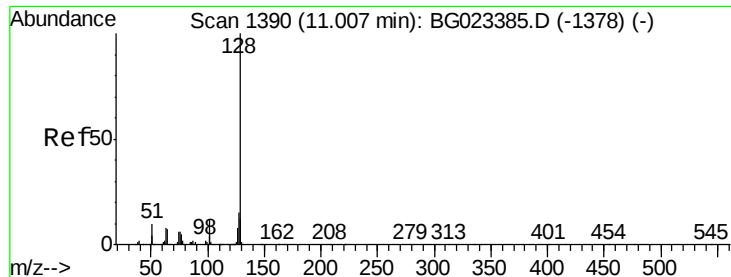


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

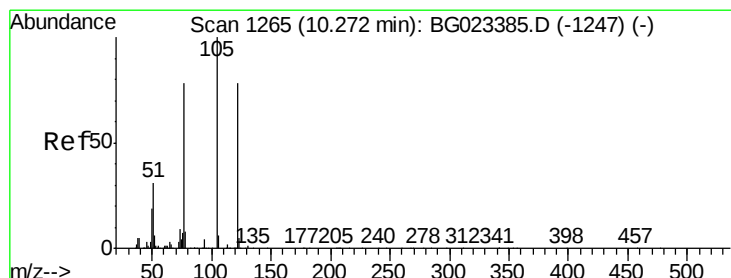
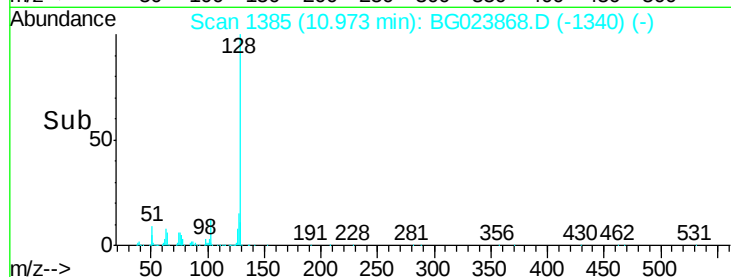
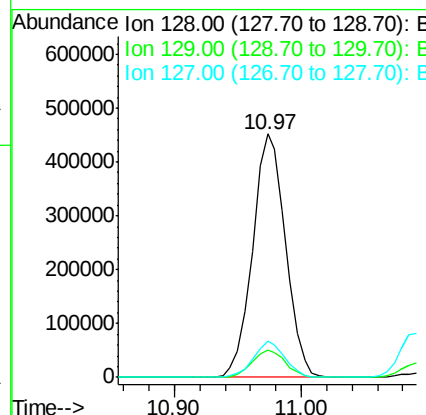
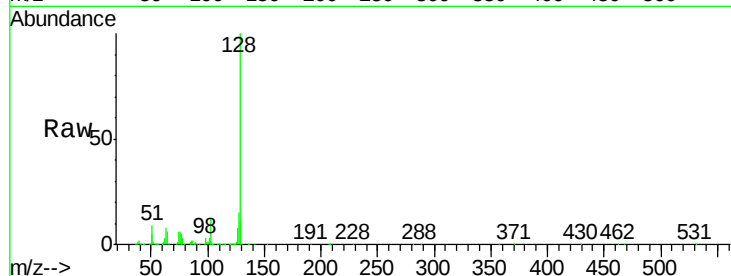




#31
Naphthalene
Concen: 35.39 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

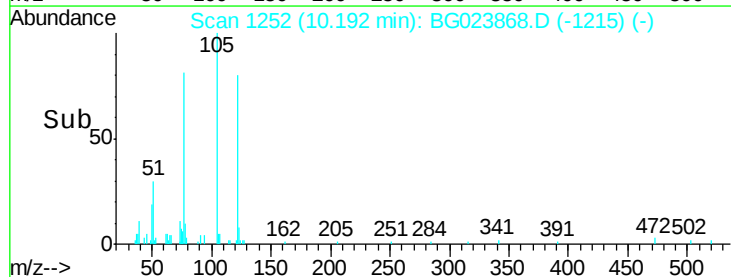
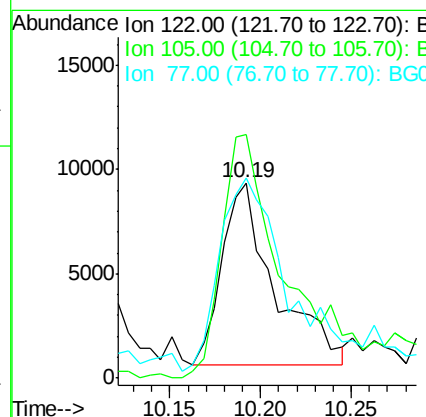
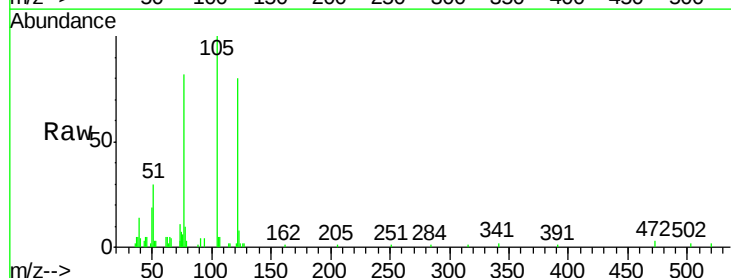
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Tgt Ion:128 Resp: 814760
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 14.7 11.3 16.9



#32
Benzoic acid
Concen: 8.75 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.08 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:122 Resp: 17788
Ion Ratio Lower Upper
122 100
105 124.7 117.2 157.2
77 102.7 109.2 149.2#

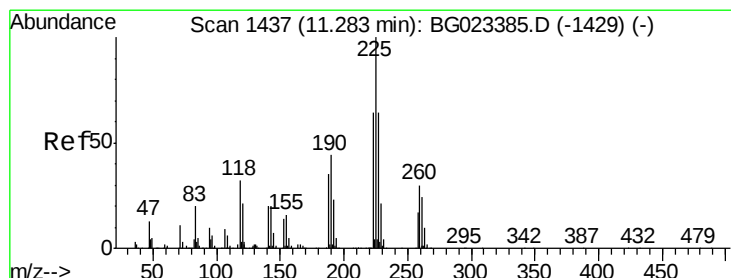
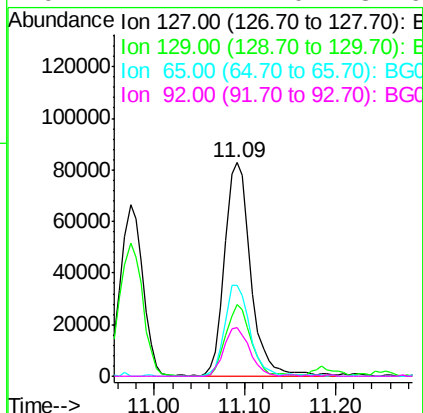
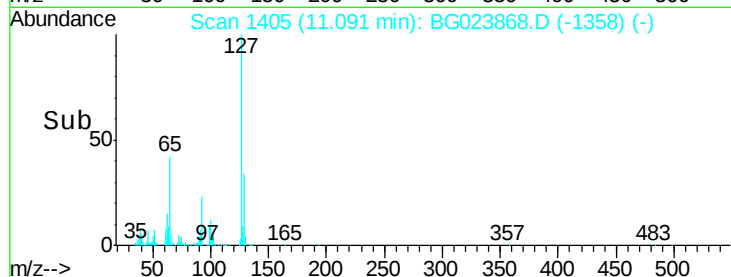
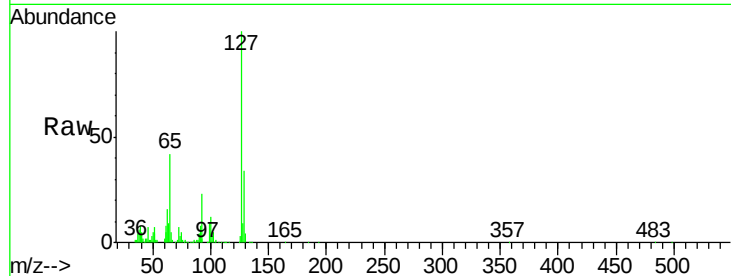




#33
4-Chloroaniline
Concen: 15.12 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

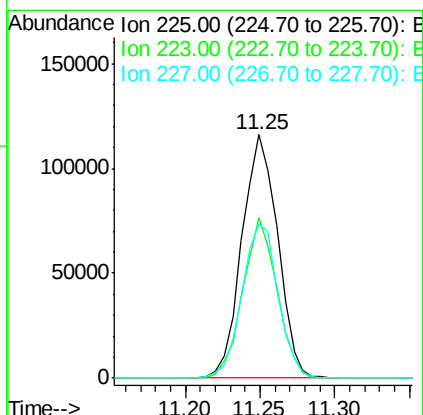
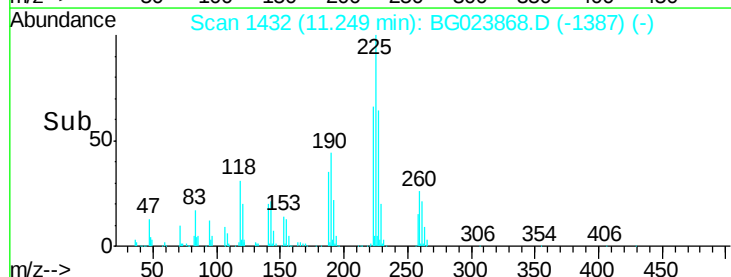
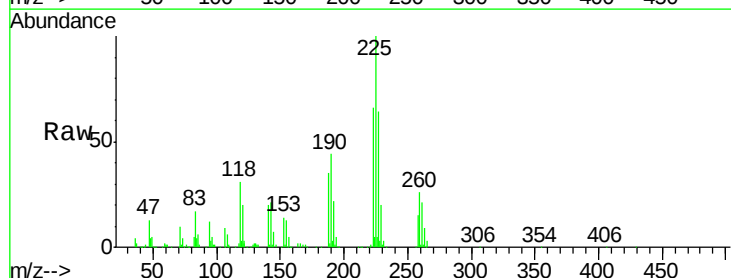
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Tgt Ion:	127	Resp:	166412
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.9	41.9
65	42.4	36.8	55.2
92	22.7	21.0	31.6



#34
Hexachlorobutadiene
Concen: 37.22 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:	225	Resp:	192082
Ion	Ratio	Lower	Upper
225	100		
223	65.9	49.6	74.4
227	63.5	54.5	81.7





#35

Caprolactam

Concen: 30.75 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.04 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

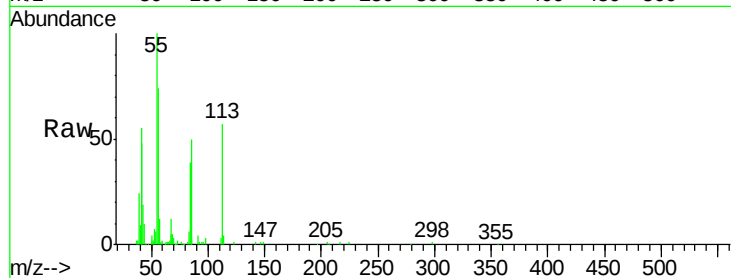
Tgt Ion:113 Resp: 94129

Ion Ratio Lower Upper

113 100

55 174.0 154.5 194.5

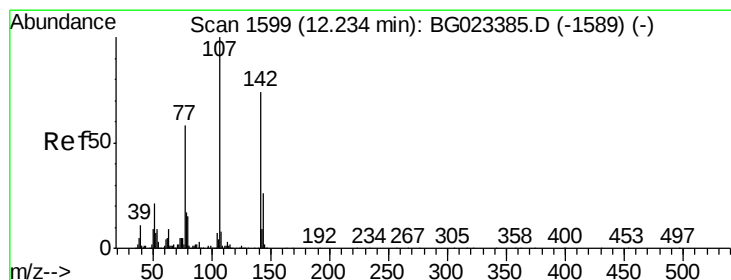
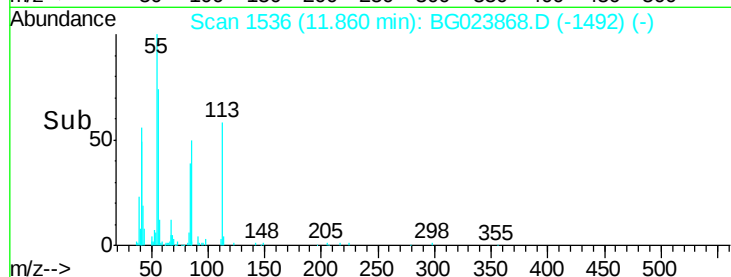
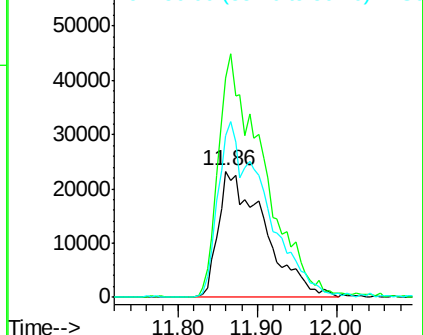
56 128.9 125.1 165.1



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: 35.22 ng

RT: 12.22 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

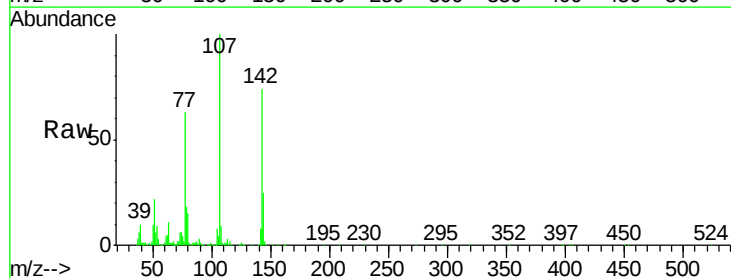
Tgt Ion:107 Resp: 336672

Ion Ratio Lower Upper

107 100

144 24.8 17.0 25.6

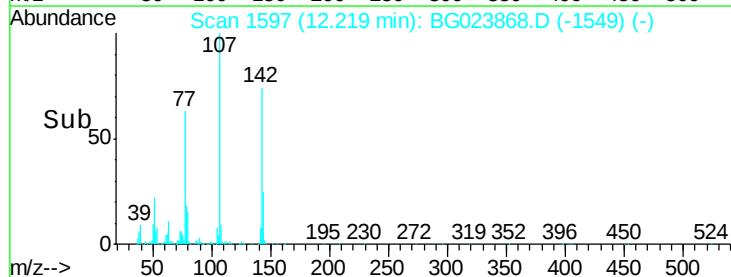
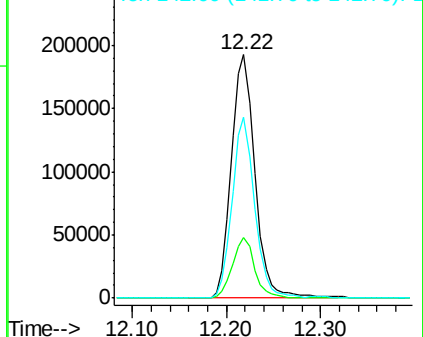
142 74.1 53.0 79.6

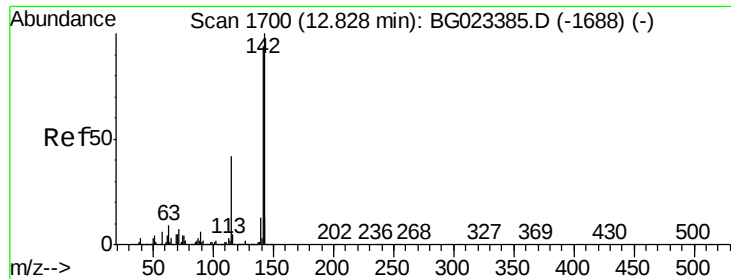


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

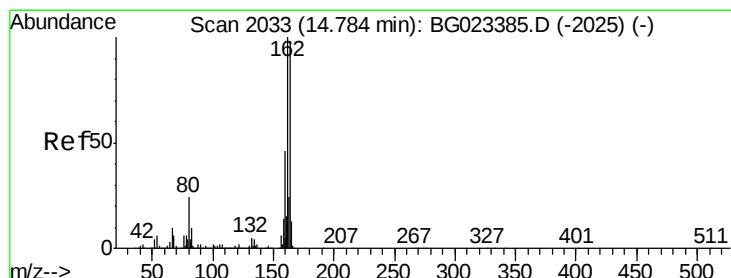
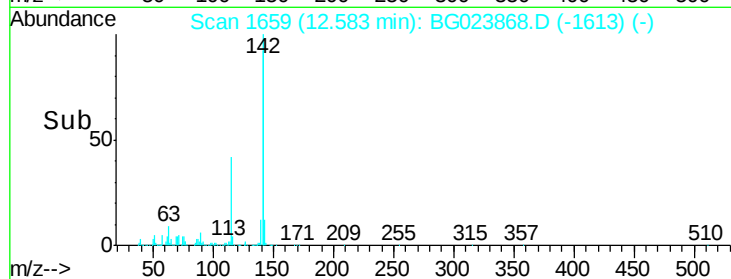
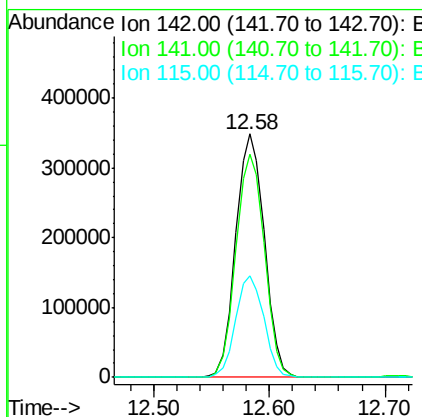
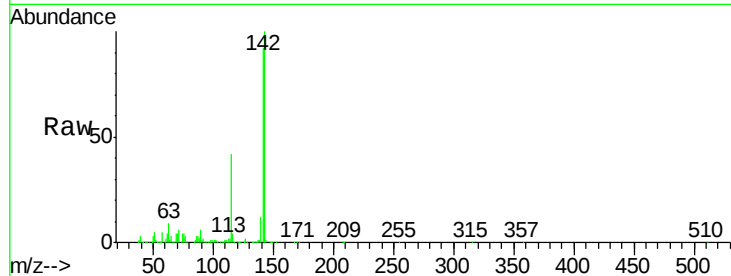




#37
2-Methylnaphthalene
Concen: 34.18 ng
RT: 12.58 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

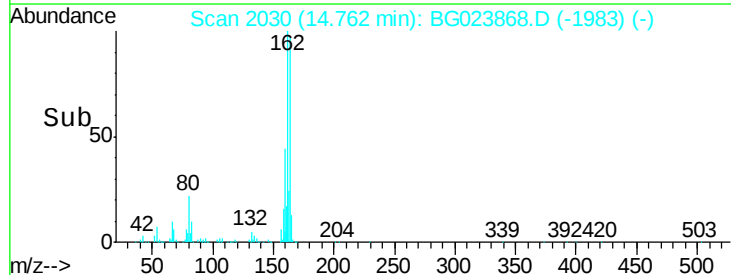
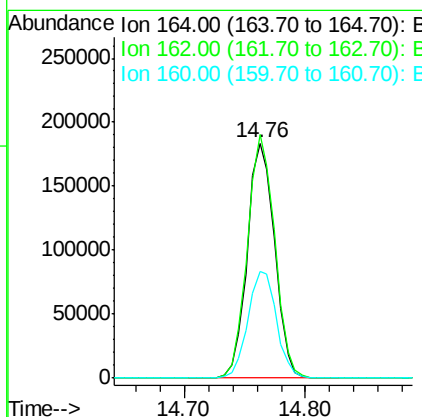
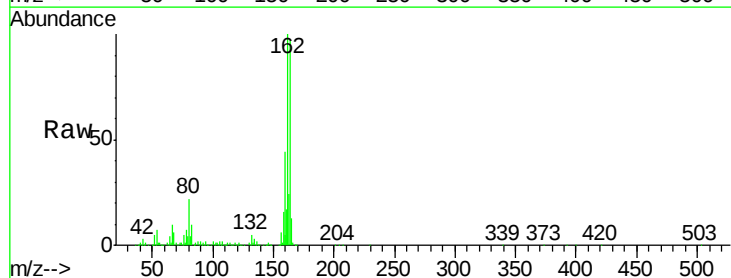
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.2	105.2
115	41.8	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.7	131.5
160	45.7	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.15 ng

RT: 12.95 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

Tgt Ion:216 Resp: 296383

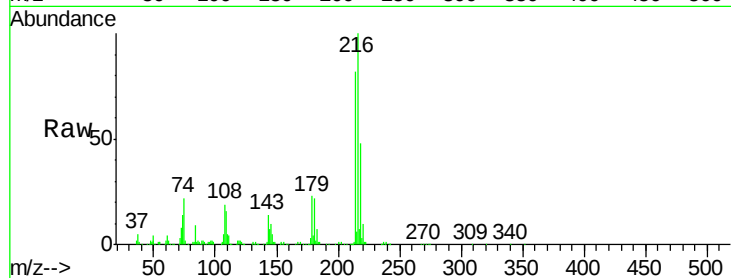
Ion Ratio Lower Upper

216 100

214 79.7 62.9 94.3

179 21.8 17.2 25.8

108 20.9 16.3 24.5

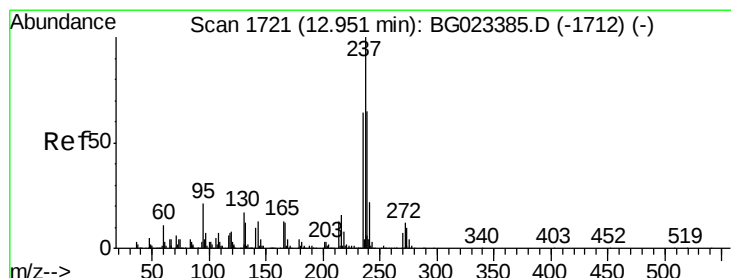
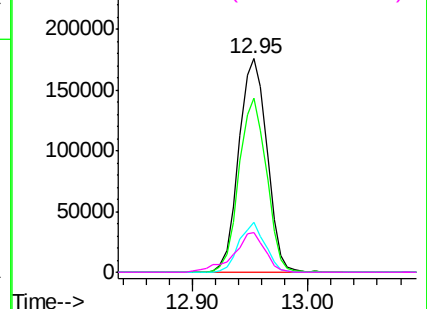
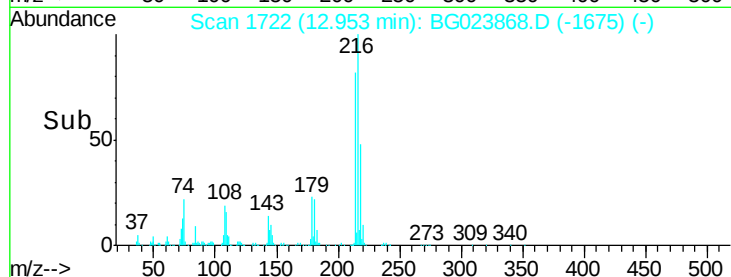


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.34 ng

RT: 12.92 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

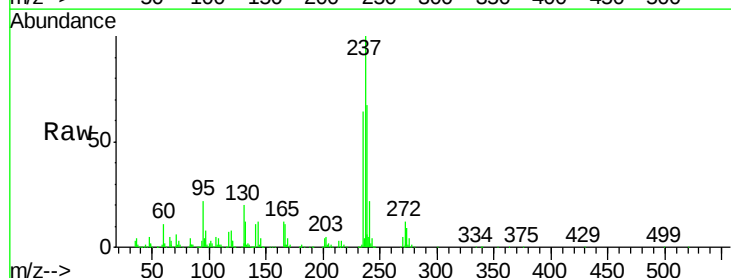
Tgt Ion:237 Resp: 256643

Ion Ratio Lower Upper

237 100

235 63.7 43.1 83.1

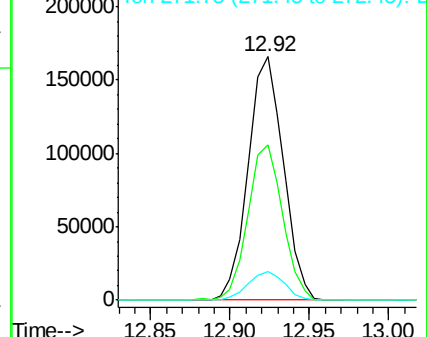
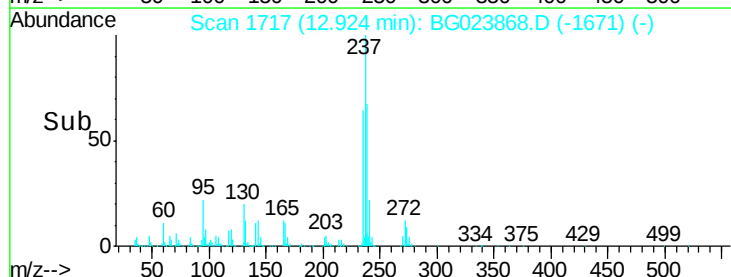
272 11.7 0.0 30.9

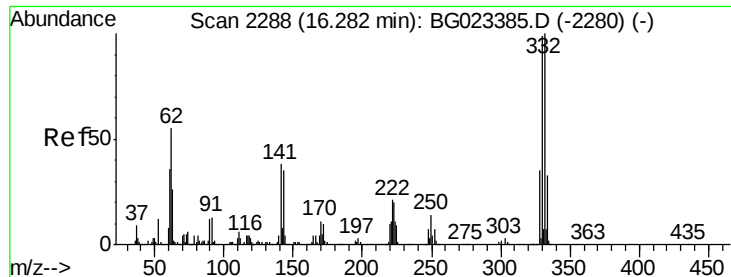


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

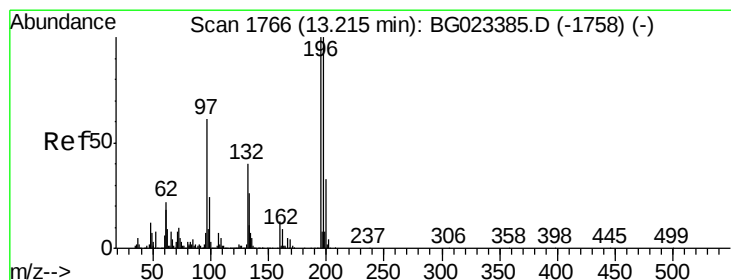
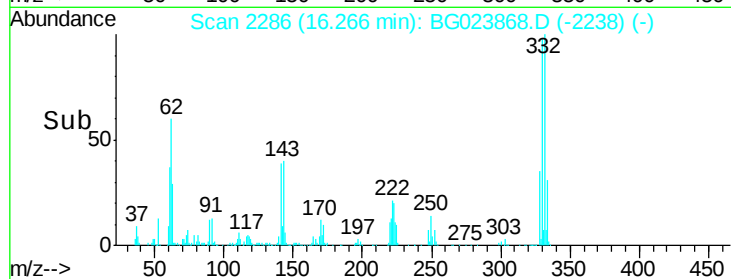
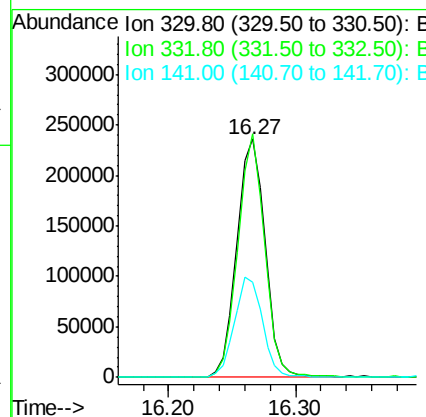
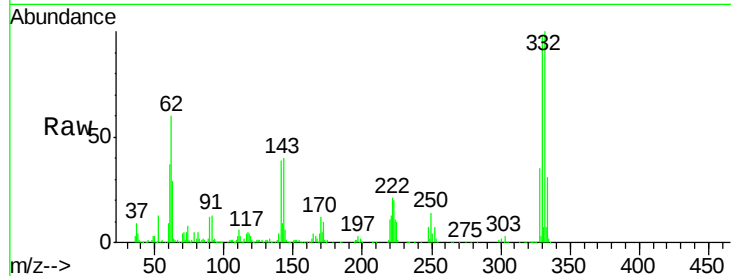




#41
 2,4,6-Tribromophenol
 Concen: 85.93 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

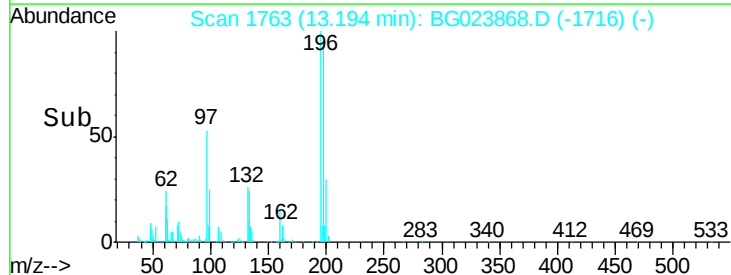
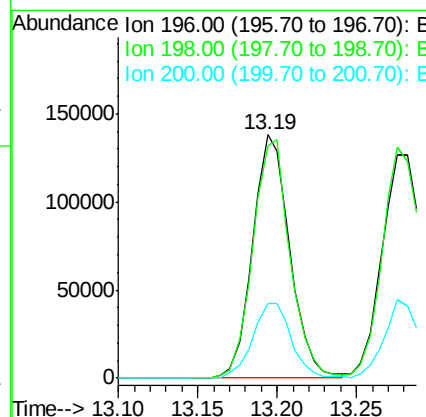
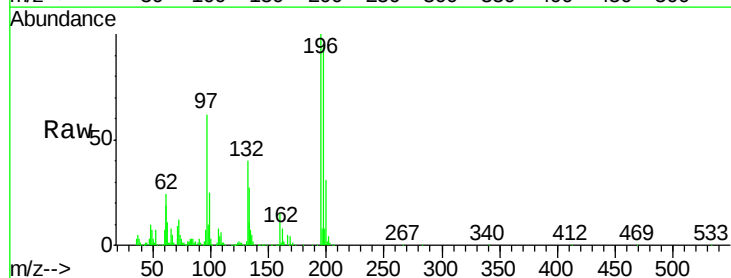
Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

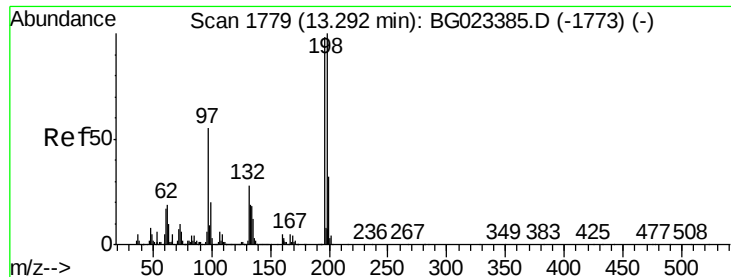
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	41.7	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 35.91 ng
 RT: 13.19 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.2	117.2
200	30.6	27.0	40.4

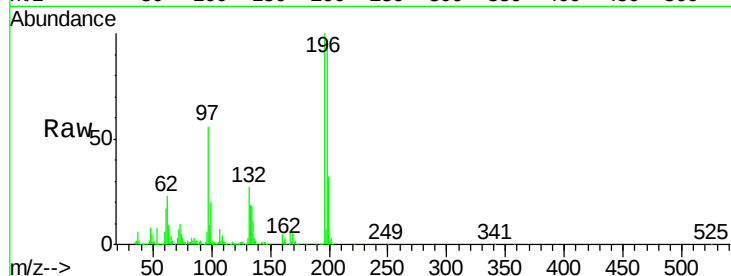




#43
 2,4,5-Trichlorophenol
 Concen: 36.14 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	85.7	128.5
97	56.0	45.5	68.3
132	26.6	18.9	28.3



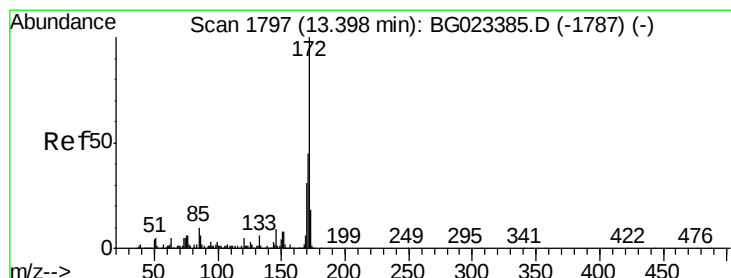
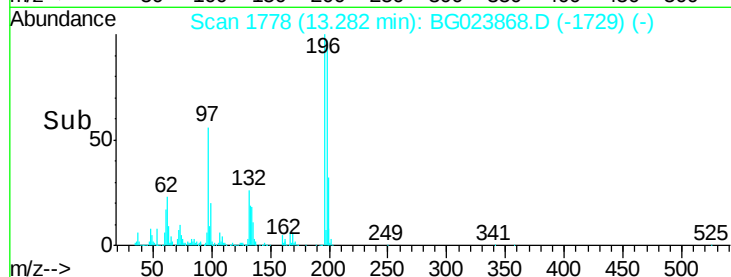
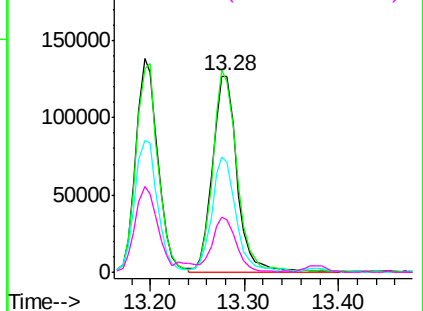
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

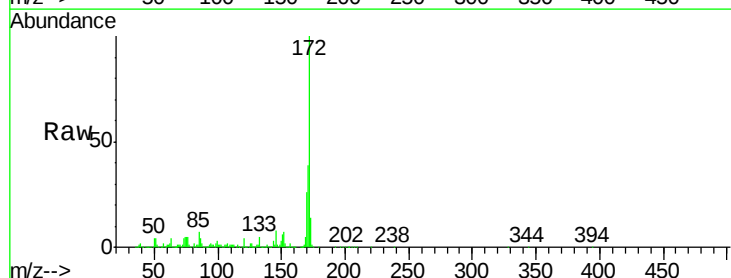
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.60 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.6	47.4
170	26.4	21.3	31.9

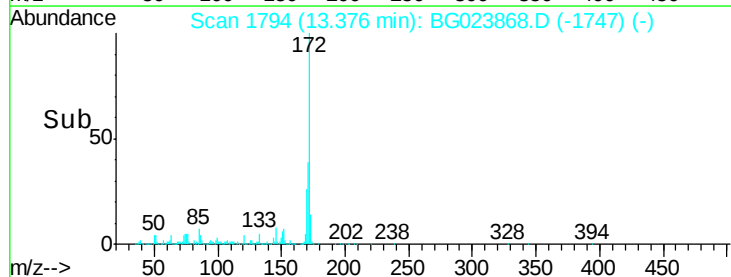
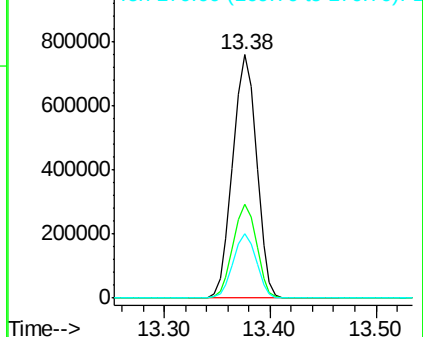


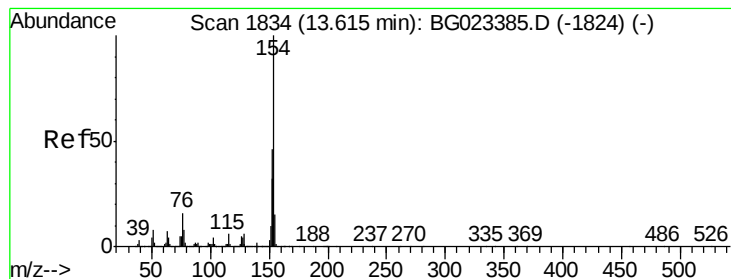
Abundance

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: 32.43 ng

RT: 13.59 min Scan# 1830

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

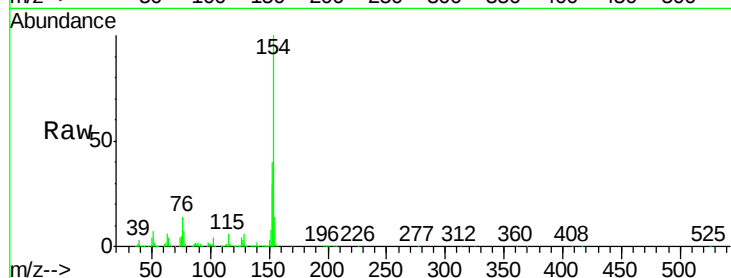
Tgt Ion:154 Resp: 719804

Ion Ratio Lower Upper

154 100

153 40.1 20.2 60.2

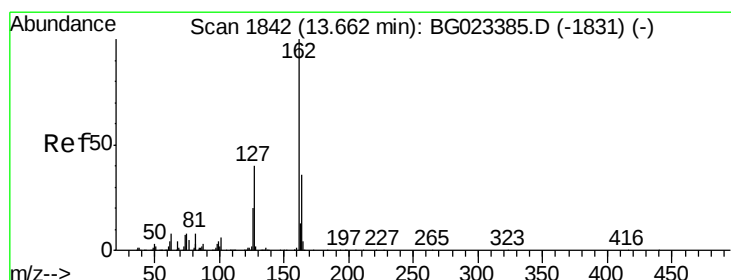
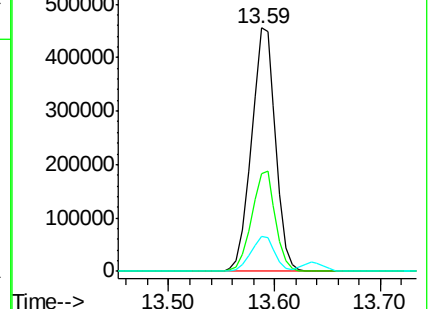
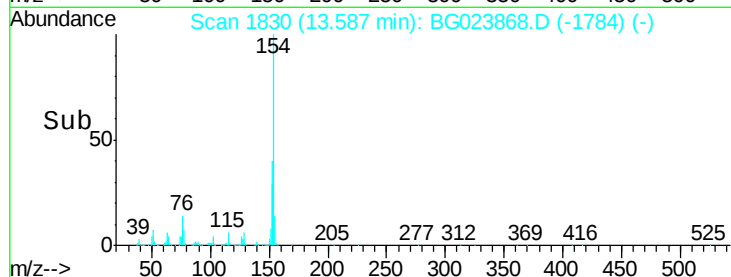
76 14.2 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 36.29 ng

RT: 13.64 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

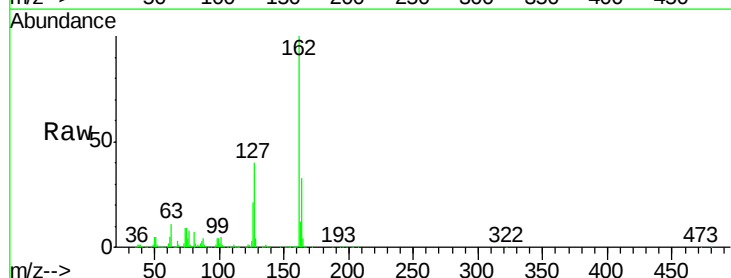
Tgt Ion:162 Resp: 622994

Ion Ratio Lower Upper

162 100

127 39.7 32.4 48.6

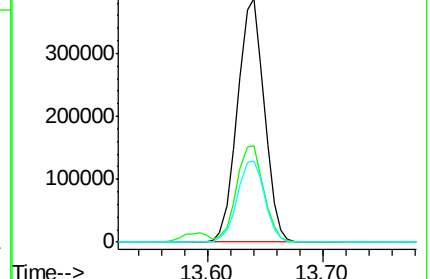
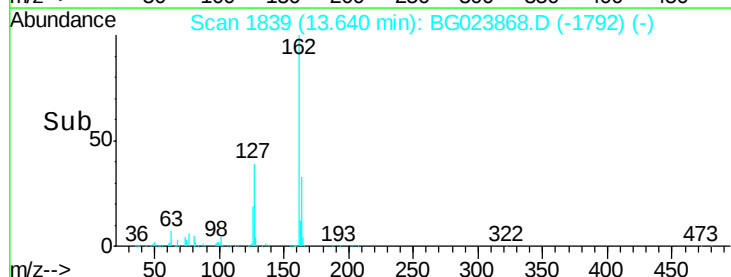
164 33.0 25.2 37.8

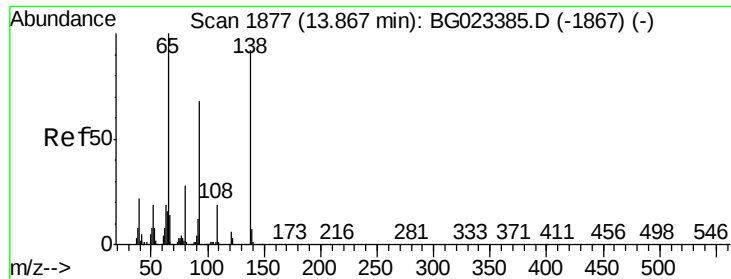


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

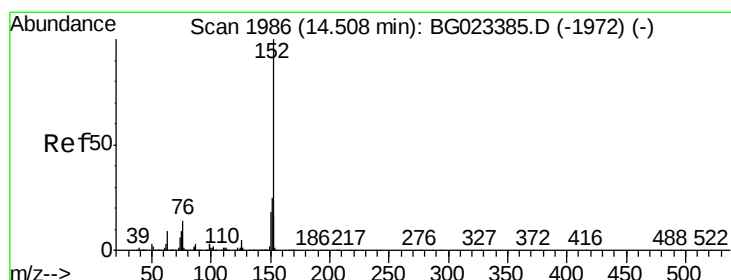
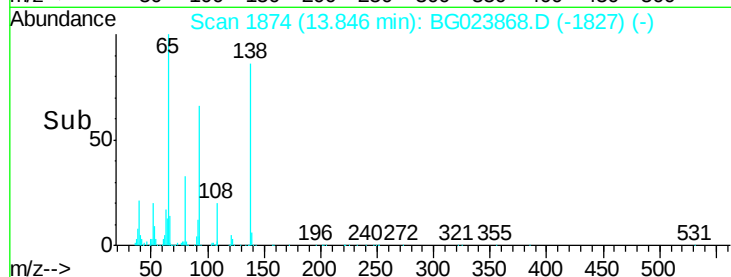
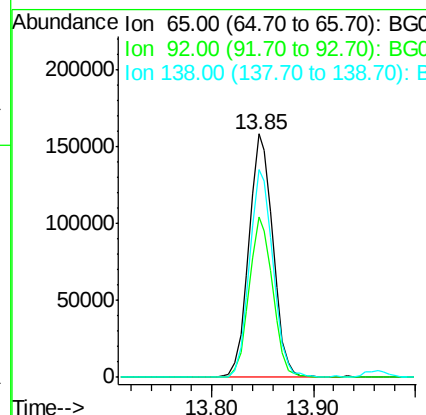
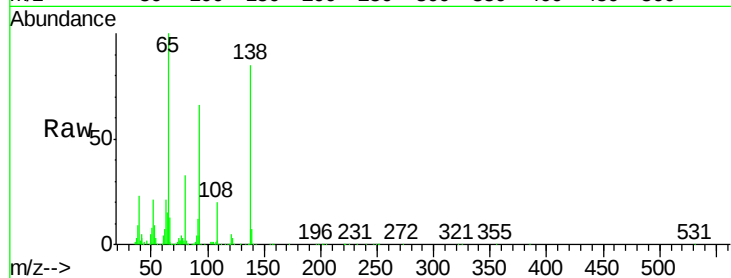




#47
2-Nitroaniline
Concen: 36.62 ng
RT: 13.85 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

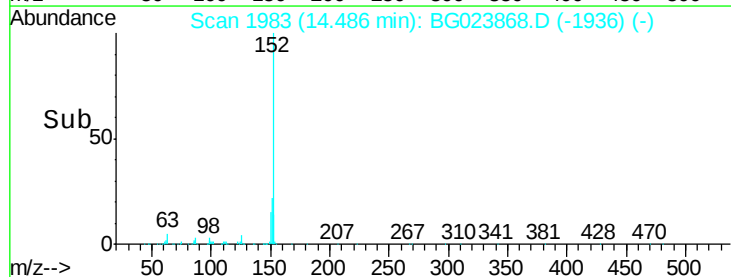
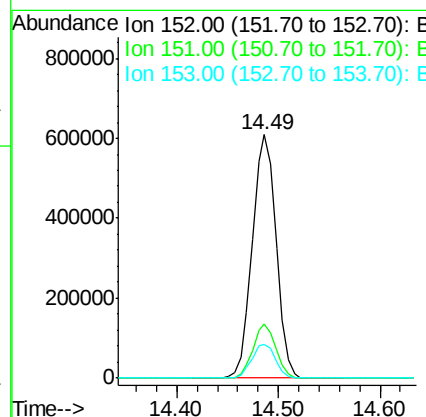
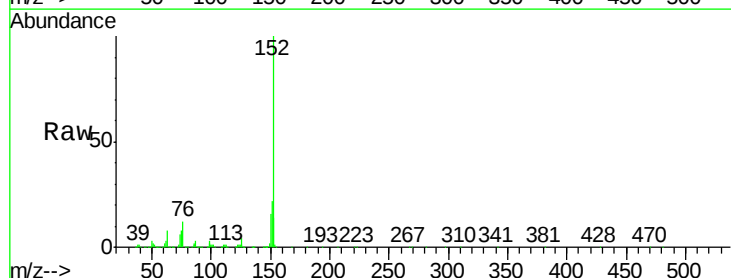
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

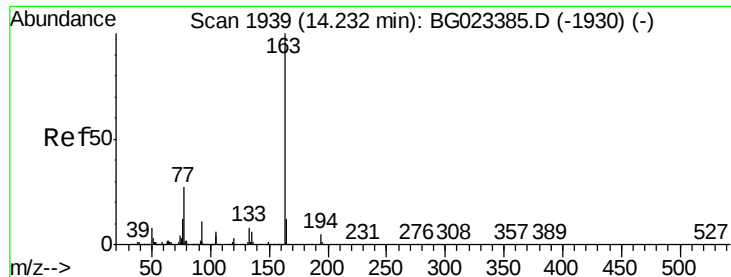
Tgt Ion: 65 Resp: 261016
Ion Ratio Lower Upper
65 100
92 66.0 49.4 74.0
138 85.4 58.0 87.0



#48
Acenaphthylene
Concen: 36.46 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion: 152 Resp: 989591
Ion Ratio Lower Upper
152 100
151 22.3 17.6 26.4
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 55.95 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

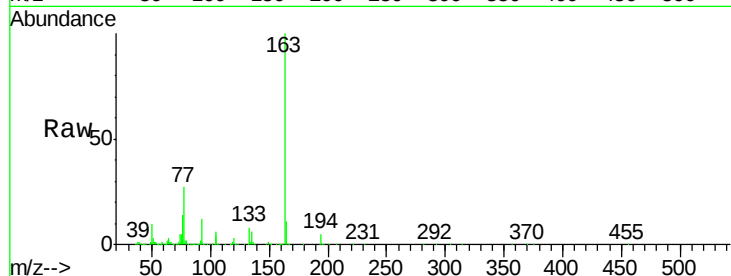
Tgt Ion:163 Resp: 1246294

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

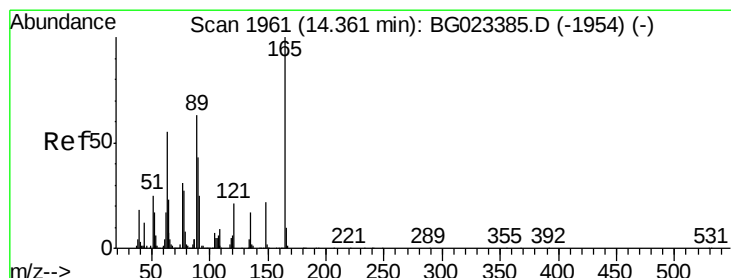
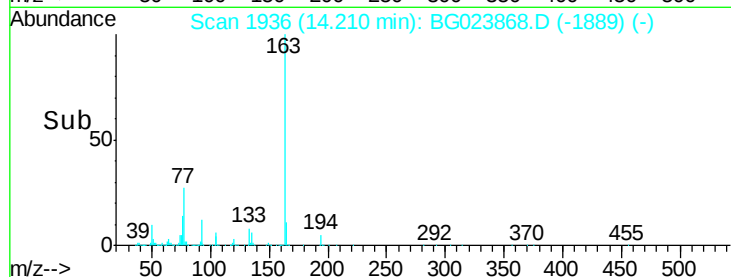
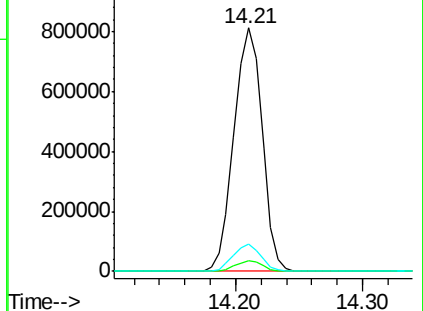
164 11.1 8.1 12.1



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: 34.92 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

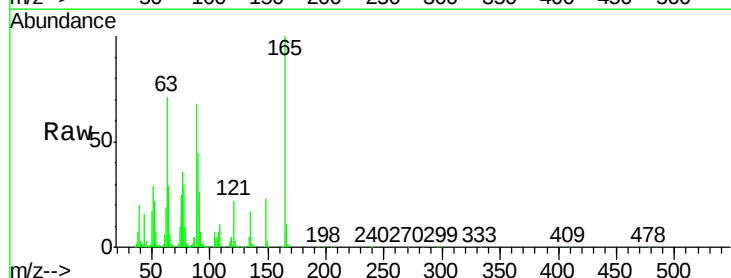
Tgt Ion:165 Resp: 184183

Ion Ratio Lower Upper

165 100

63 71.3 64.3 96.5

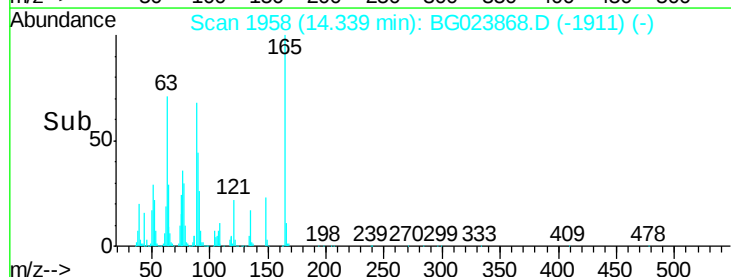
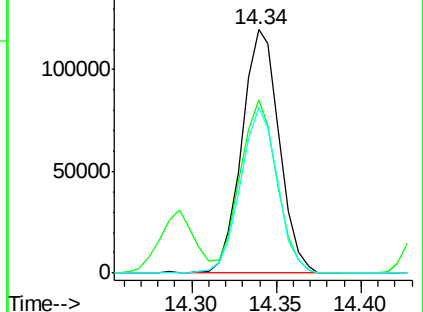
89 68.0 64.3 96.5

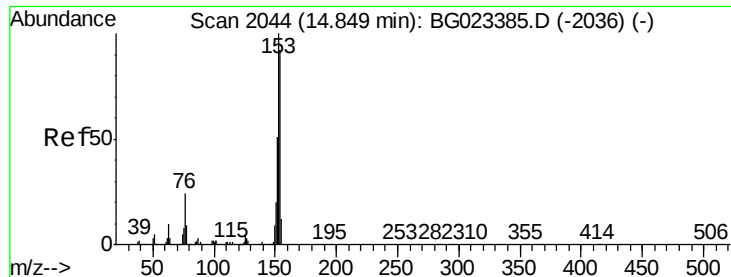


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.09 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

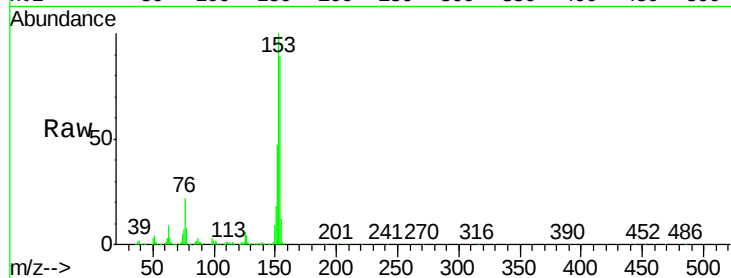
Tgt Ion:154 Resp: 620396

Ion Ratio Lower Upper

154 100

153 112.7 87.5 131.3

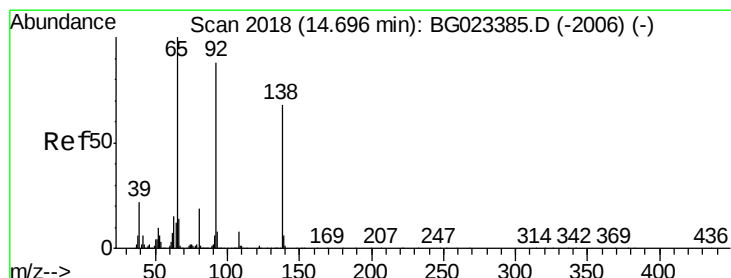
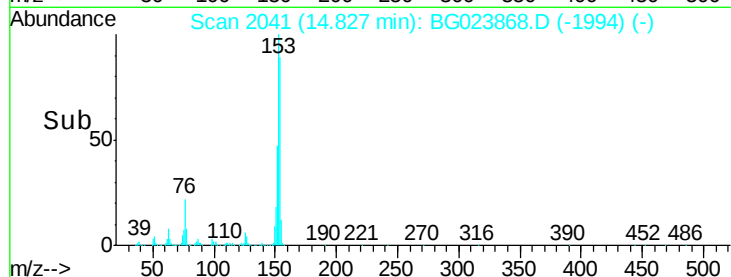
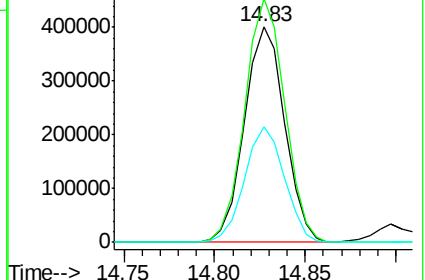
152 53.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.25 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

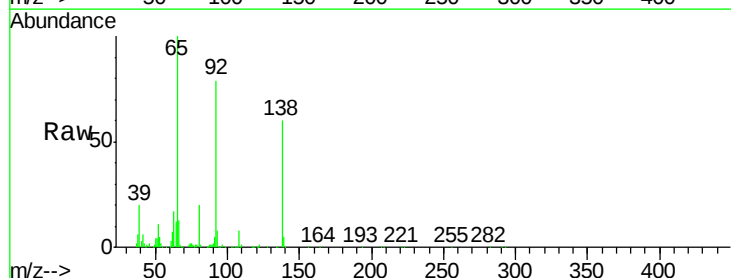
Tgt Ion:138 Resp: 132328

Ion Ratio Lower Upper

138 100

108 12.7 11.7 17.5

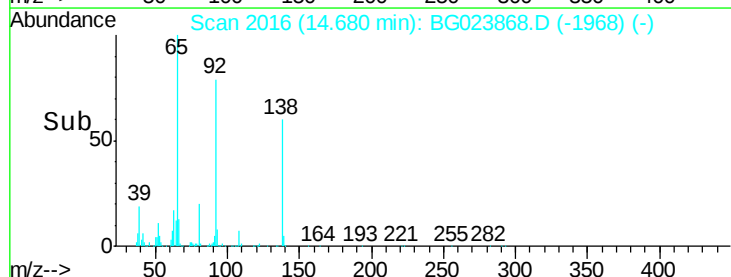
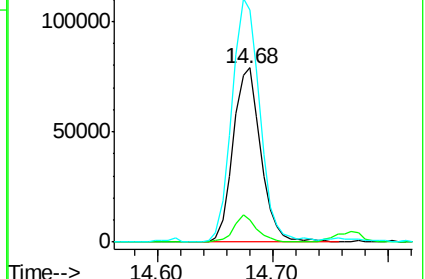
92 133.3 129.7 194.5

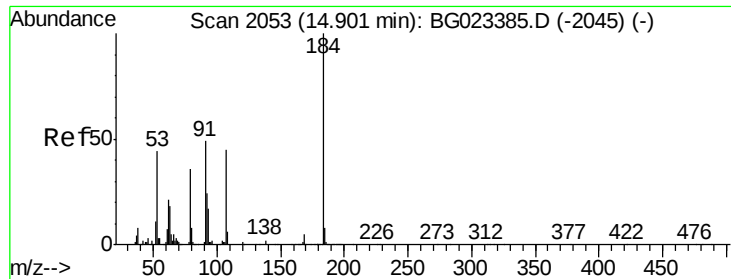


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

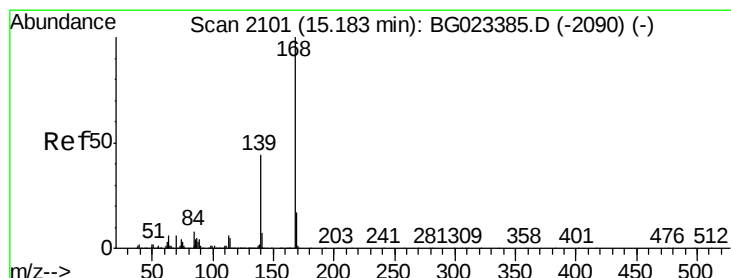
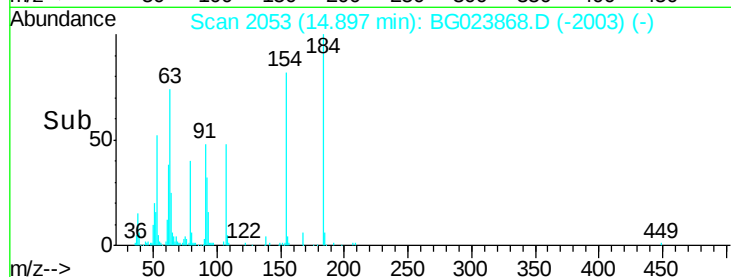
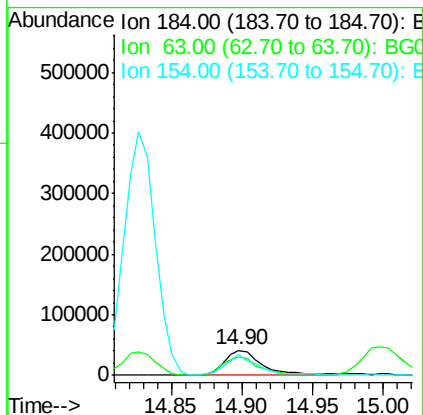
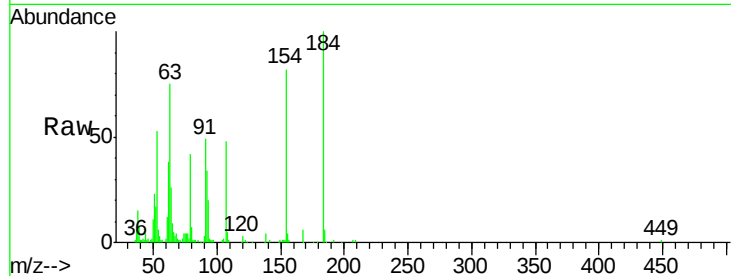




#53
2,4-Dinitrophenol
Concen: 22.96 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

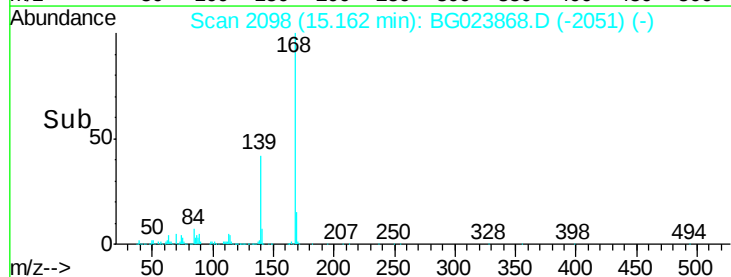
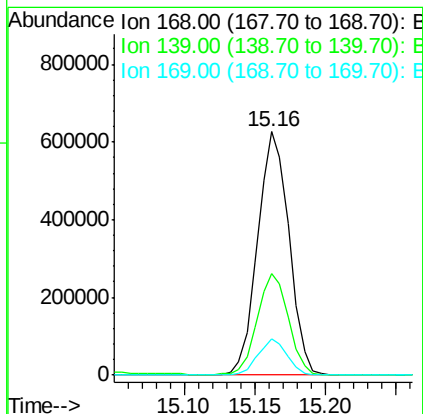
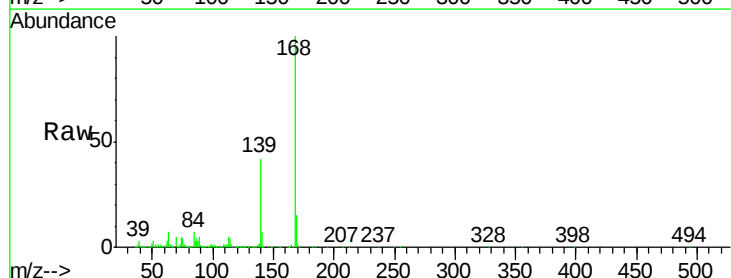
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

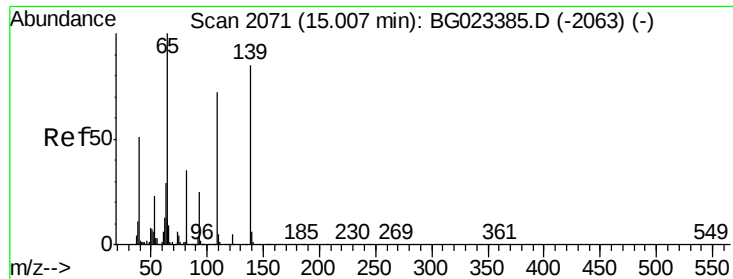
Tgt Ion:184 Resp: 77622
Ion Ratio Lower Upper
184 100
63 75.2 59.6 89.4
154 81.8 67.4 101.0



#54
Dibenzofuran
Concen: 39.21 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:168 Resp: 978786
Ion Ratio Lower Upper
168 100
139 41.9 36.4 54.6
169 14.8 11.9 17.9





#55

4-Nitrophenol

Concen: 57.93 ng

RT: 15.00 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

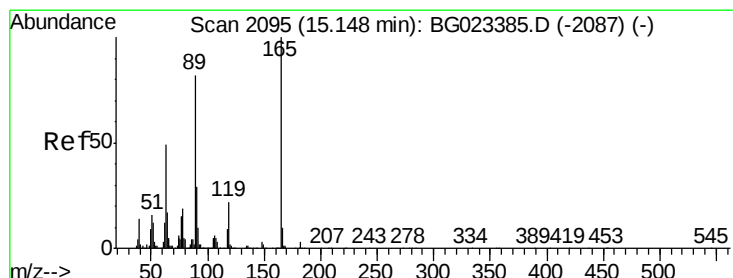
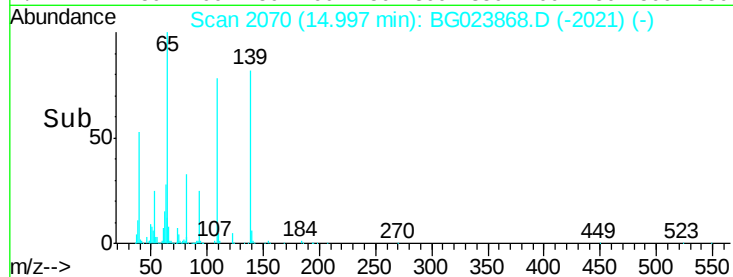
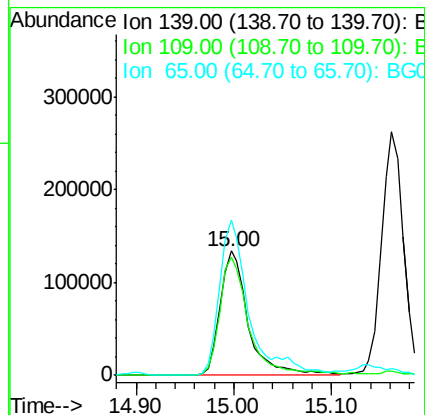
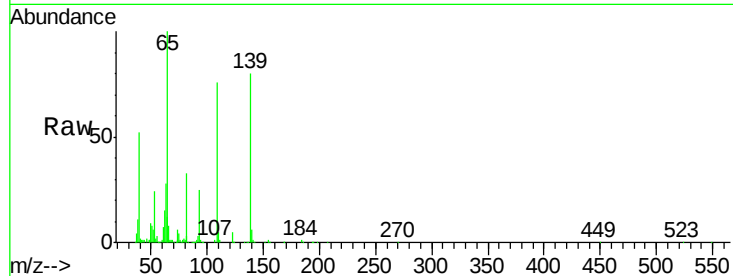
Tgt Ion:139 Resp: 270611

Ion Ratio Lower Upper

139 100

109 94.9 103.0 143.0#

65 124.4 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 35.91 ng

RT: 15.14 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Tgt Ion:165 Resp: 265843

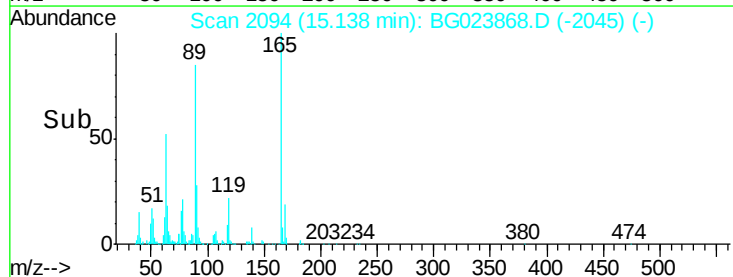
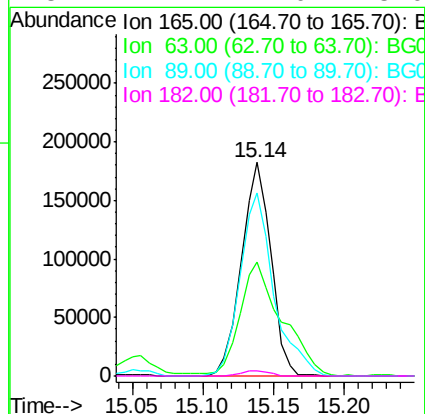
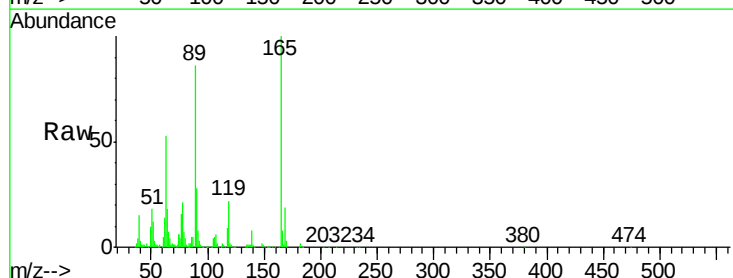
Ion Ratio Lower Upper

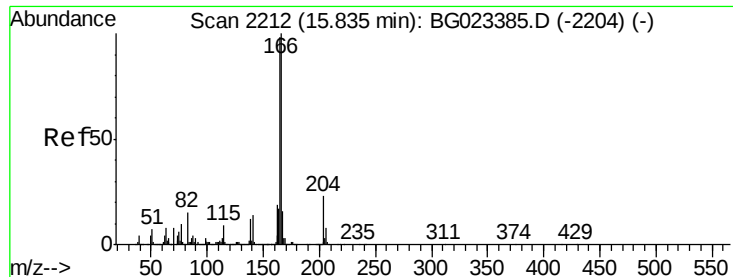
165 100

63 53.2 45.8 68.6

89 85.6 68.6 102.8

182 2.2 2.0 3.0





#57

Fluorene

Concen: 36.72 ng

RT: 15.81 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

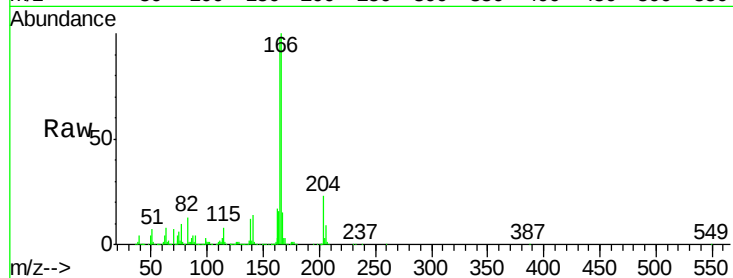
Tgt Ion:166 Resp: 799750

Ion Ratio Lower Upper

166 100

165 97.8 81.0 121.6

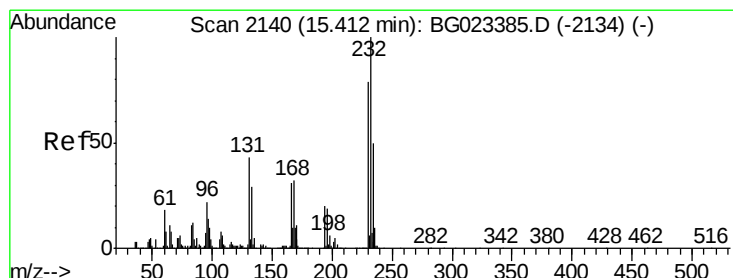
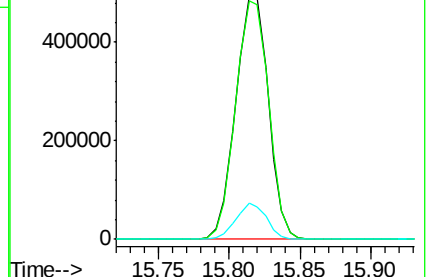
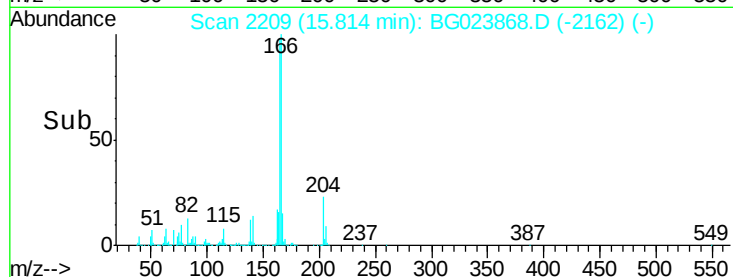
167 14.9 12.0 18.0



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: 35.21 ng

RT: 15.31 min Scan# 2124

Delta R.T. -0.10 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Tgt Ion:232 Resp: 208622

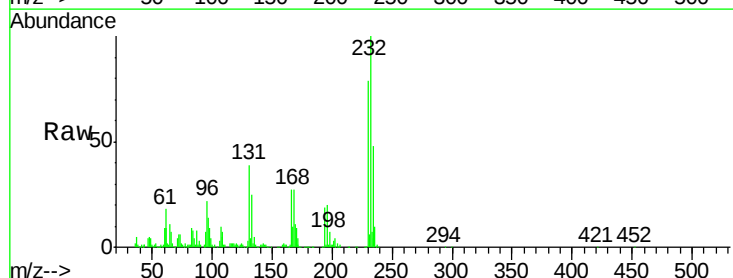
Ion Ratio Lower Upper

232 100

131 41.0 32.7 49.1

130 3.1 2.6 3.8

166 26.9 23.0 34.6

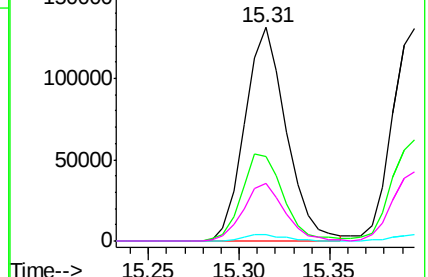
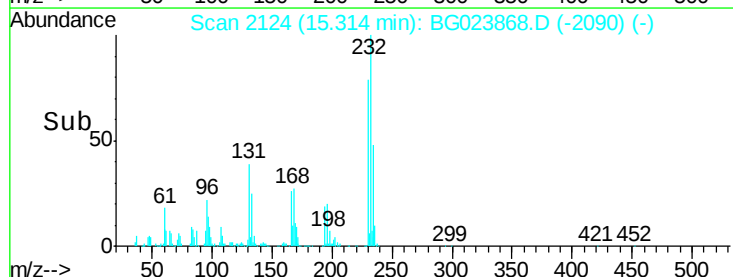


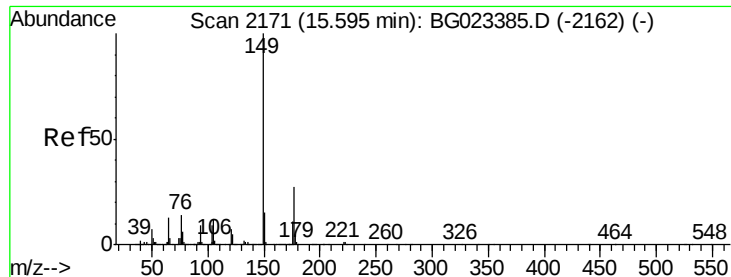
Abundance Ion 232.00 (231.70 to 232.70): E

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

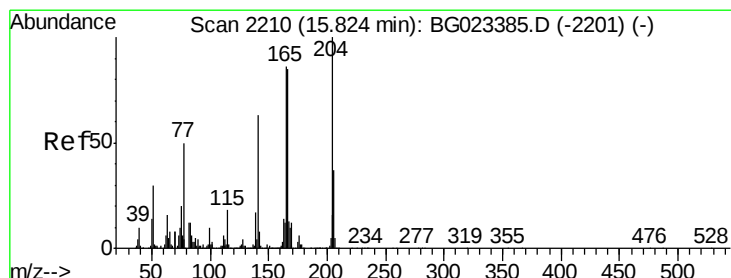
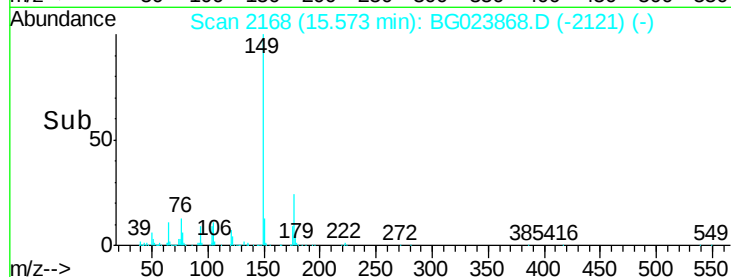
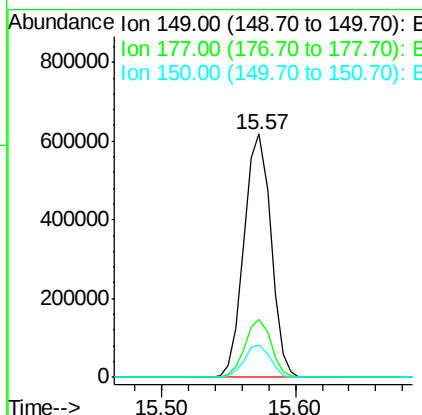
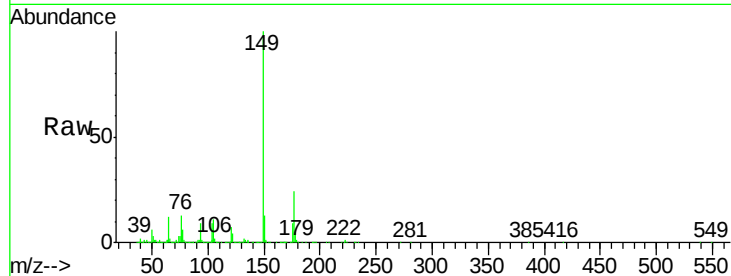




#59
Diethylphthalate
Concen: 37.95 ng
RT: 15.57 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

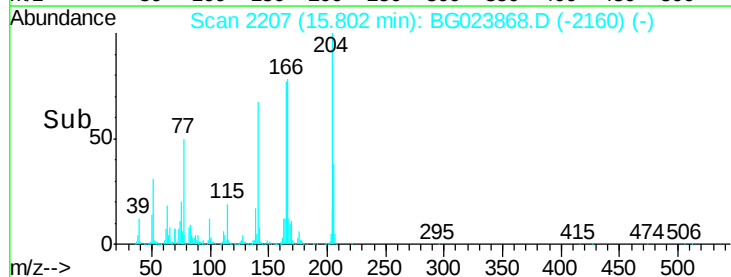
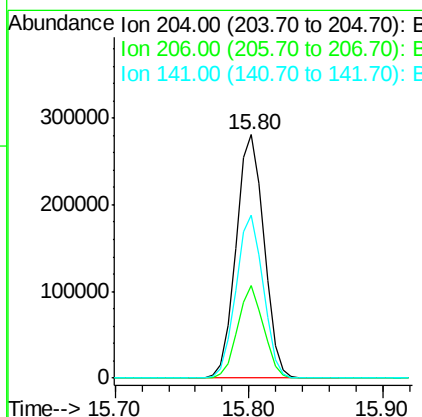
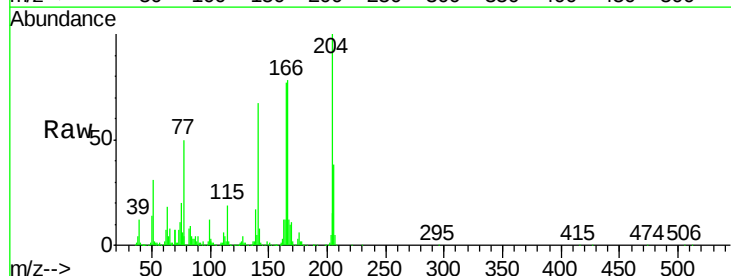
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

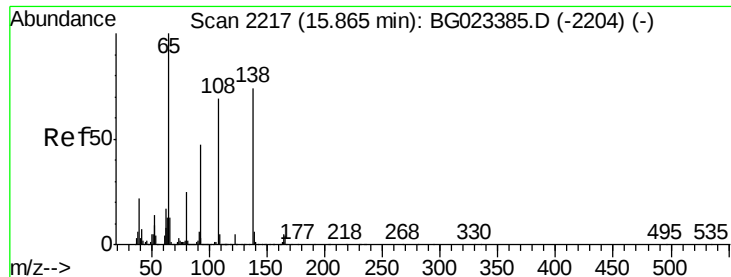
Tgt Ion:149 Resp: 858075
Ion Ratio Lower Upper
149 100
177 23.9 19.2 28.8
150 13.5 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 35.25 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:204 Resp: 406353
Ion Ratio Lower Upper
204 100
206 37.9 28.5 42.7
141 67.1 51.4 77.0

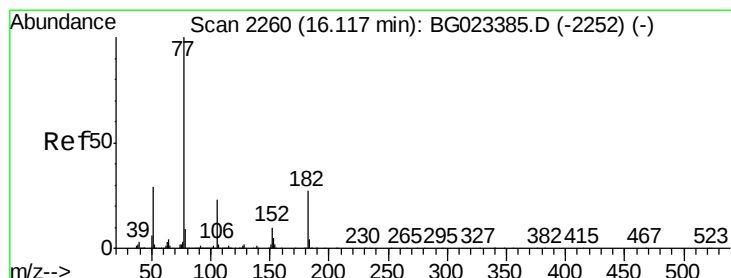
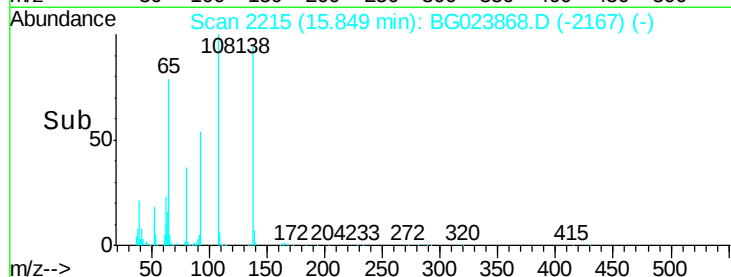
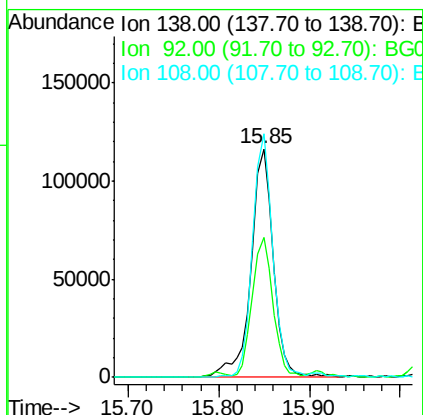
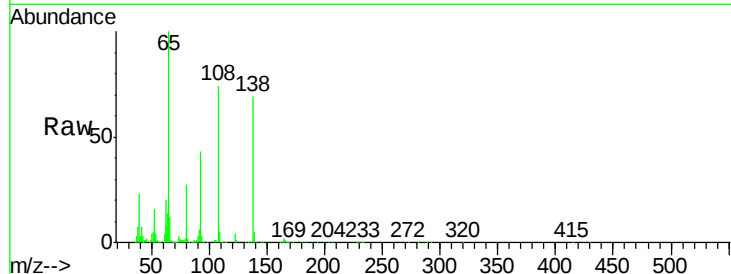




#61
4-Nitroaniline
Concen: 31.23 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

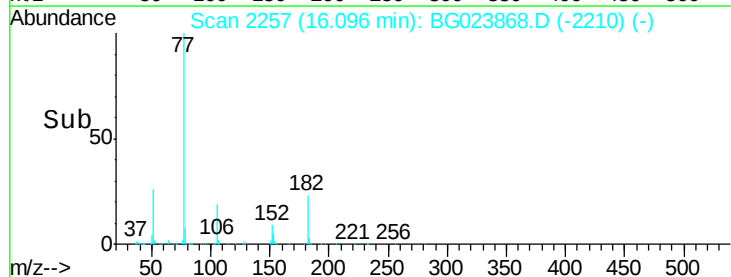
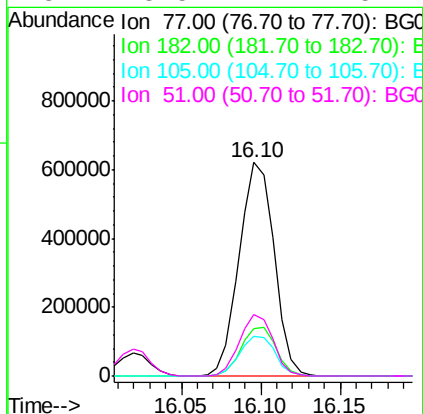
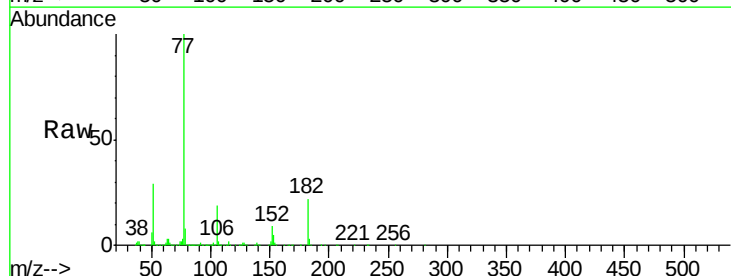
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

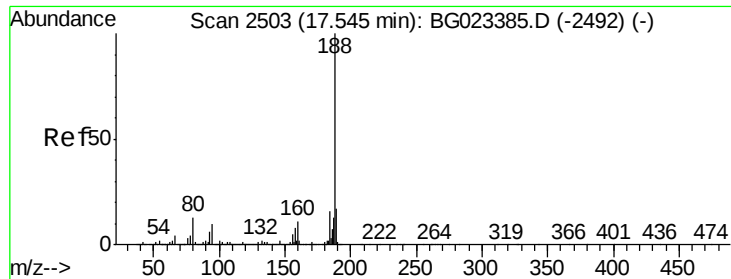
Tgt Ion: 138 Resp: 197801
Ion Ratio Lower Upper
138 100
92 61.4 54.1 94.1
108 106.7 133.9 173.9#



#62
Azobenzene
Concen: 41.46 ng
RT: 16.10 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion: 77 Resp: 950155
Ion Ratio Lower Upper
77 100
182 22.5 3.5 43.5
105 18.7 0.0 38.5
51 28.5 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

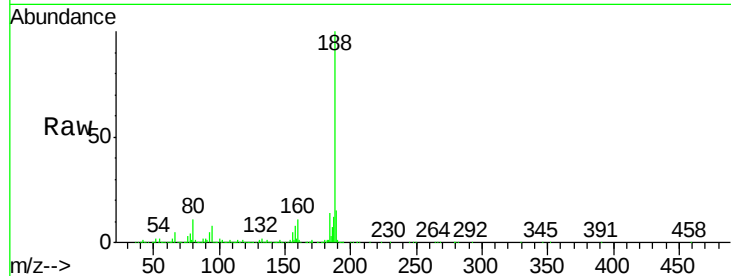
Tgt Ion:188 Resp: 667382

Ion Ratio Lower Upper

188 100

94 8.5 5.2 7.8#

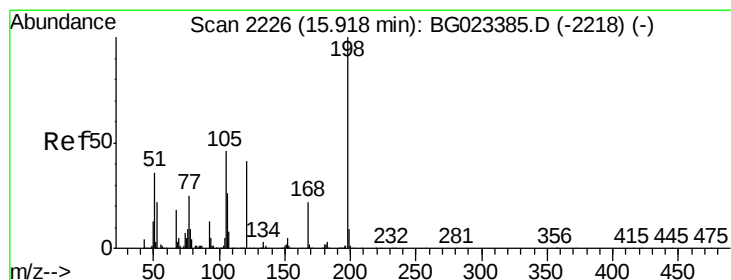
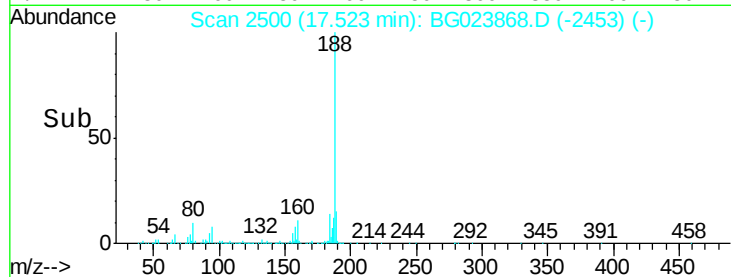
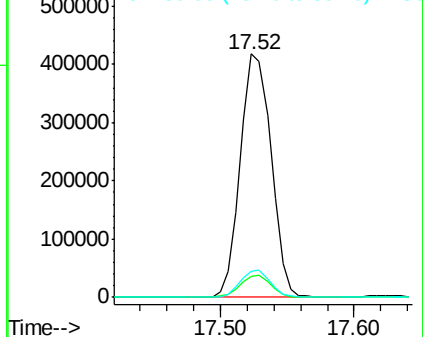
80 10.5 7.2 10.8



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: 27.38 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

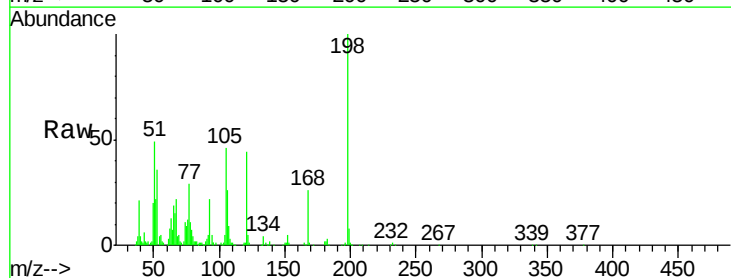
Tgt Ion:198 Resp: 124245

Ion Ratio Lower Upper

198 100

51 49.4 26.0 66.0

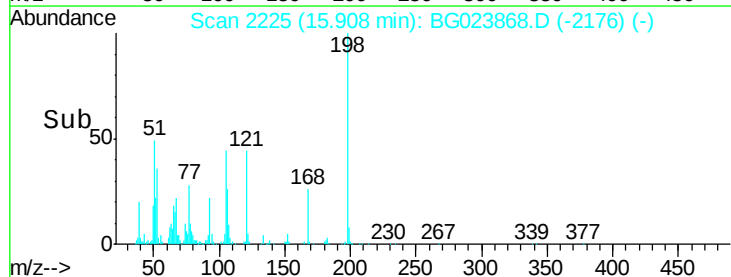
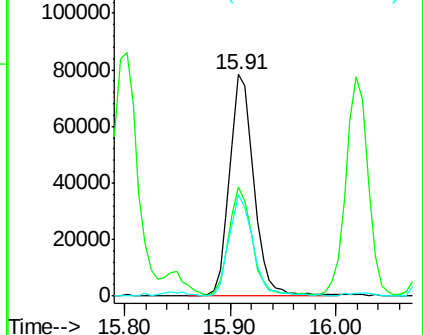
105 45.9 20.1 60.1

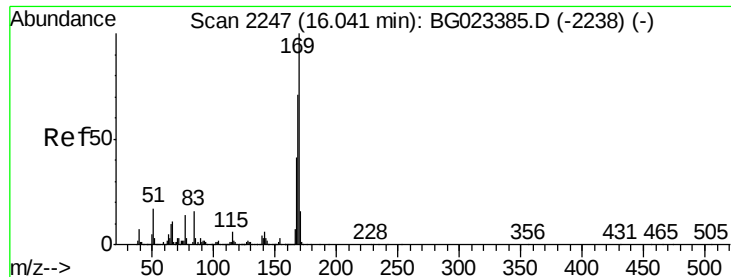


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.46 ng

RT: 16.02 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

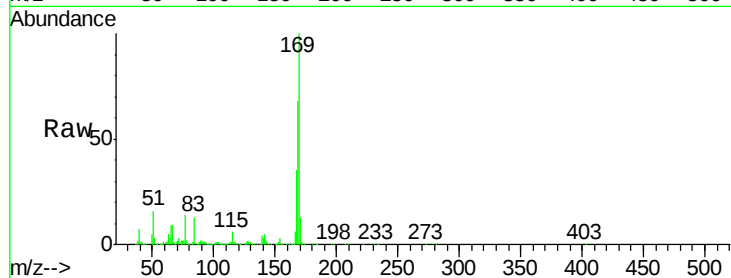
Tgt Ion:169 Resp: 713801

Ion Ratio Lower Upper

169 100

168 68.4 55.0 82.4

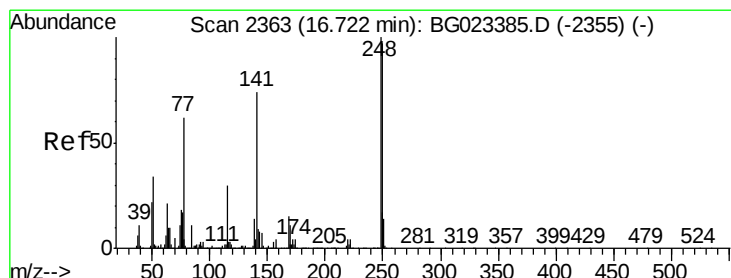
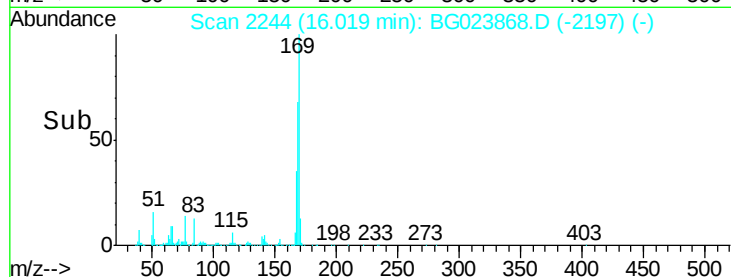
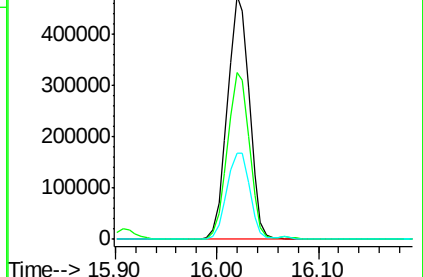
167 35.1 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.71 ng

RT: 16.70 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

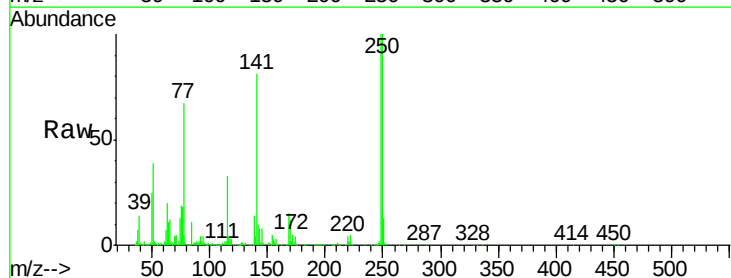
Tgt Ion:248 Resp: 277739

Ion Ratio Lower Upper

248 100

250 99.8 77.8 116.8

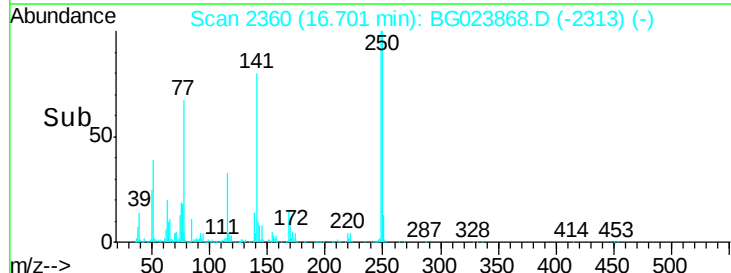
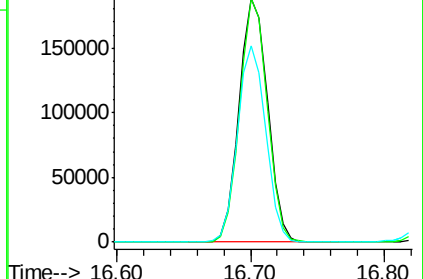
141 80.5 65.7 98.5

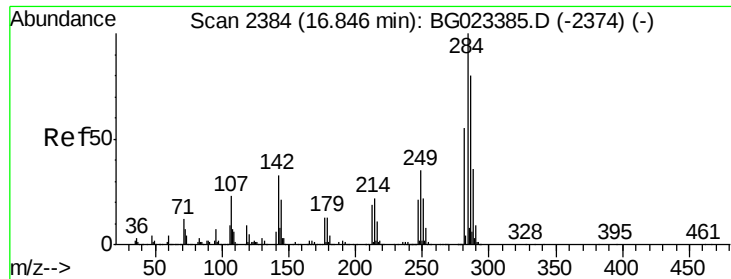


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

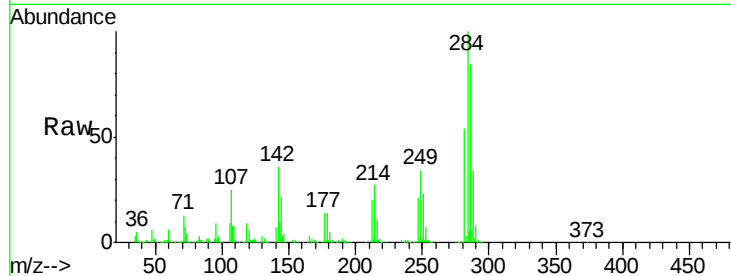




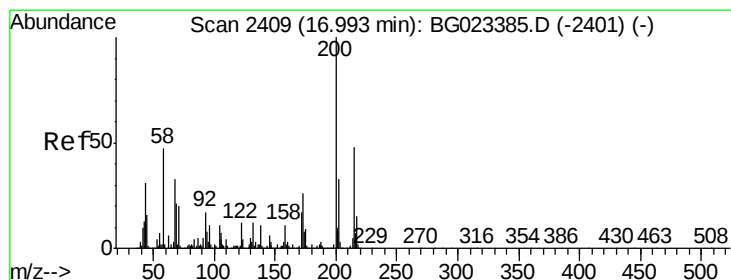
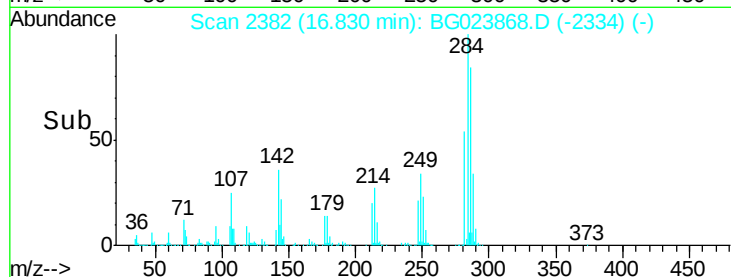
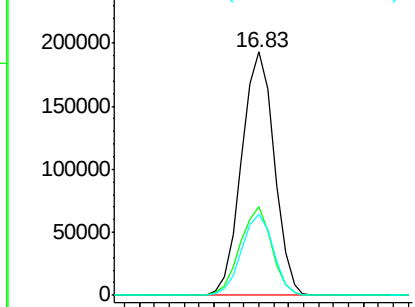
#67
Hexachlorobenzene
Concen: 34.27 ng
RT: 16.83 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	26.8	40.2
249	33.5	28.9	43.3

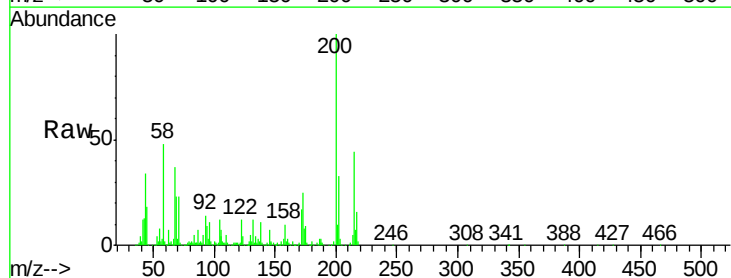


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

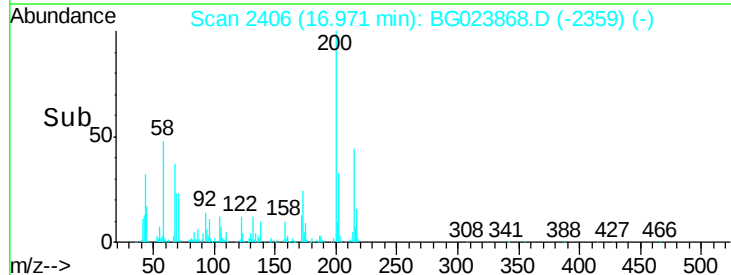
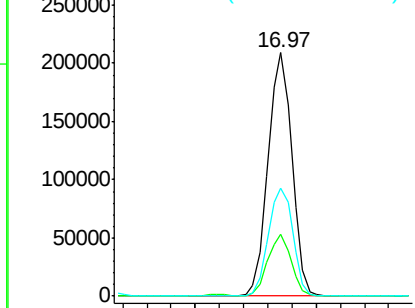


#68
Atrazine
Concen: 38.01 ng
RT: 16.97 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	1.6	41.6
215	44.3	28.7	68.7



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

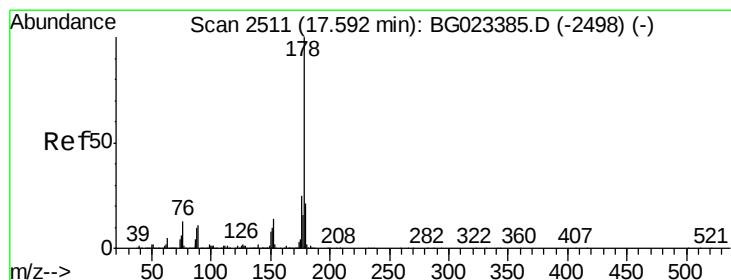
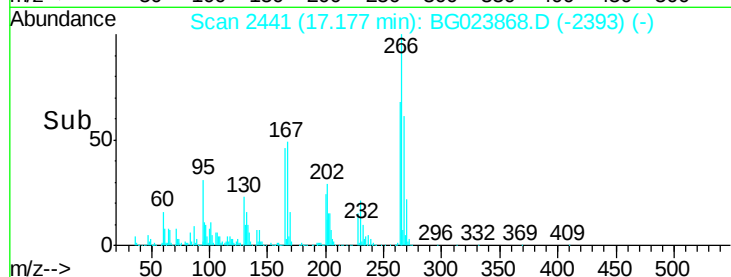
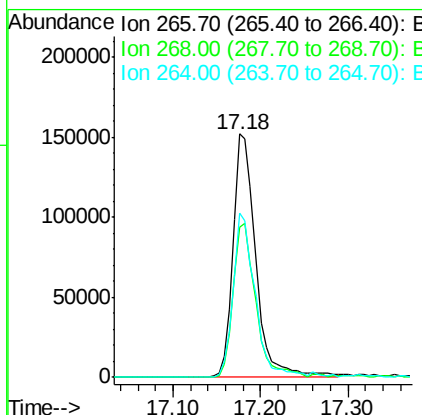
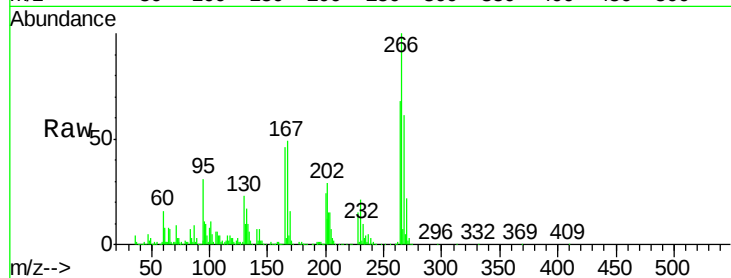




#69
 Pentachlorophenol
 Concen: 54.22 ng
 RT: 17.18 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

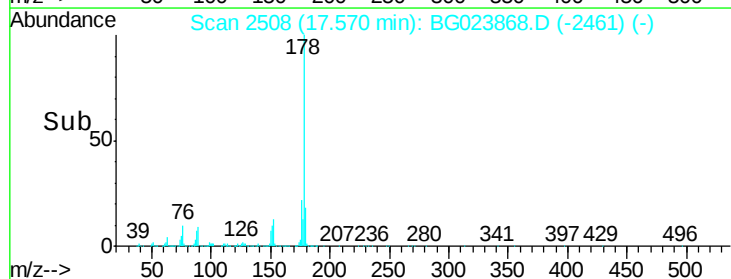
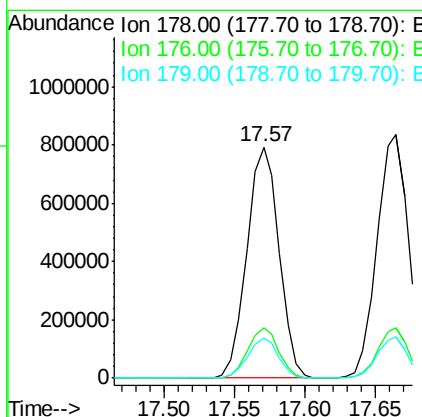
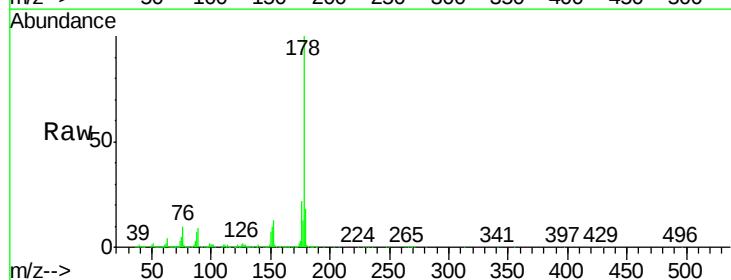
Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

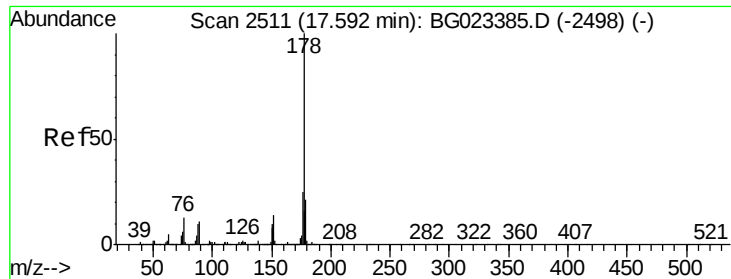
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.9	77.9
264	67.7	50.6	75.8



#70
 Phenanthrene
 Concen: 37.41 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	17.7	14.3	21.5

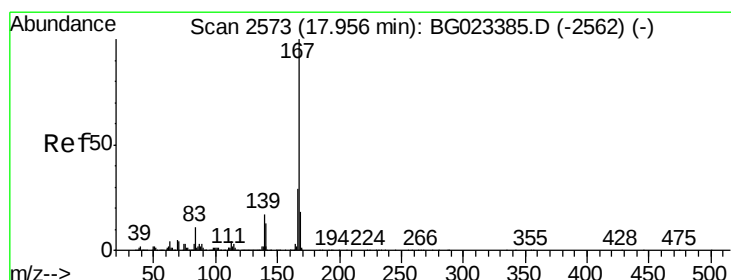
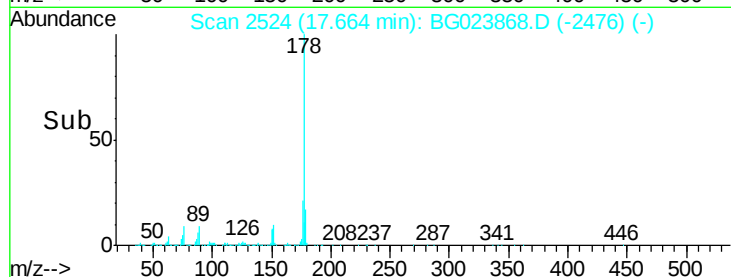
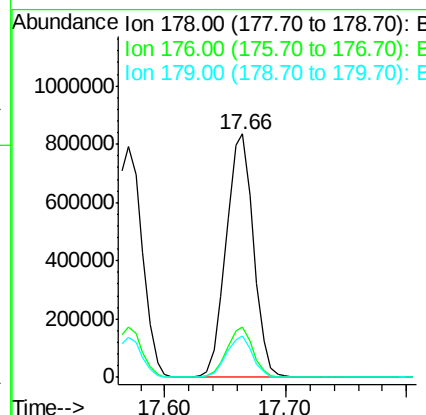
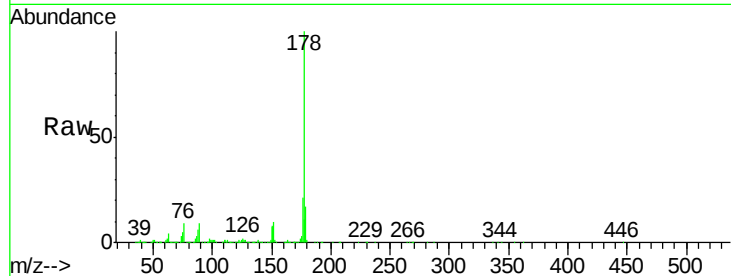




#71
 Anthracene
 Concen: 38.31 ng
 RT: 17.66 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

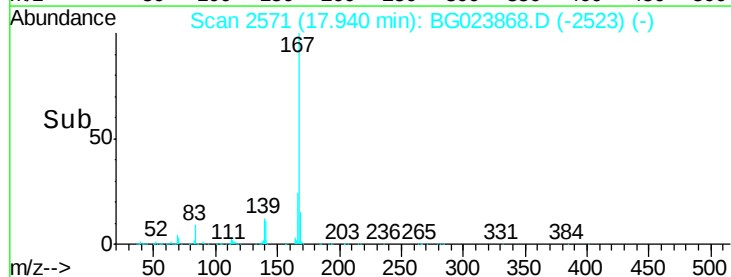
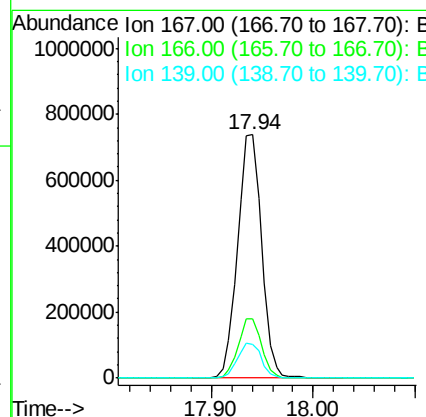
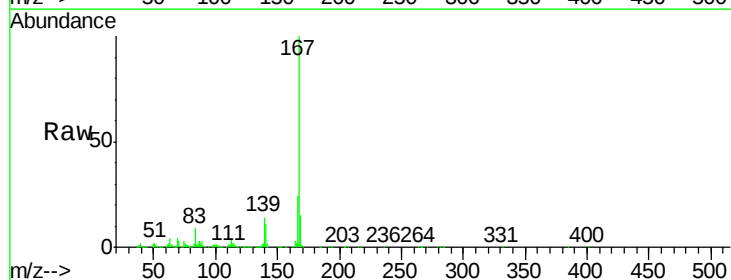
Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

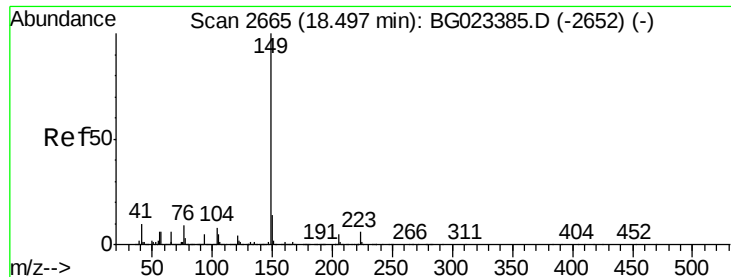
Tgt Ion:178 Resp: 1304730
 Ion Ratio Lower Upper
 178 100
 176 20.9 17.3 25.9
 179 17.0 14.0 21.0



#72
 Carbazole
 Concen: 40.55 ng
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion:167 Resp: 1212777
 Ion Ratio Lower Upper
 167 100
 166 24.1 20.7 31.1
 139 14.0 11.9 17.9

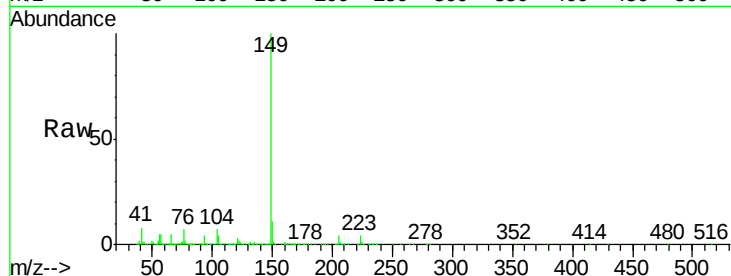




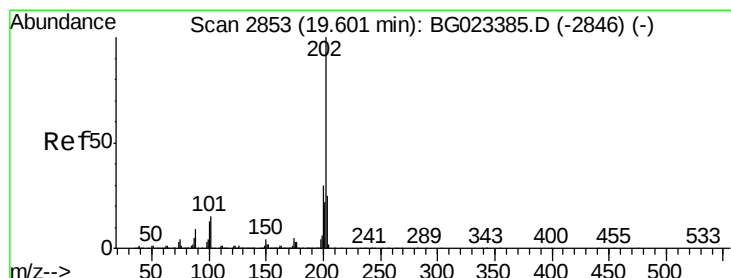
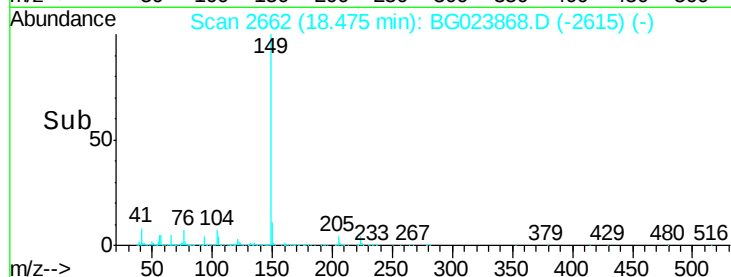
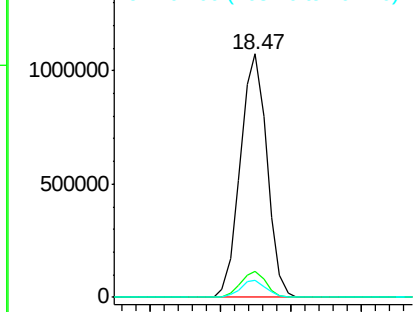
#73
Di-n-butylphthalate
Concen: 47.08 ng
RT: 18.47 min Scan# 2662
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Tgt Ion:149 Resp: 1417106
Ion Ratio Lower Upper
149 100
150 10.6 9.1 13.7
104 7.1 6.9 10.3

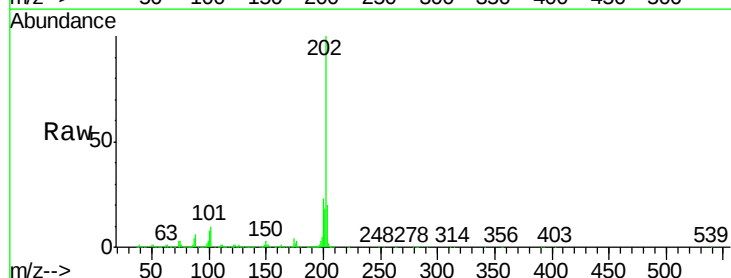


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

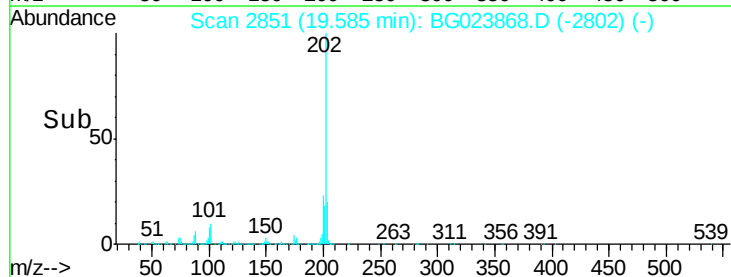
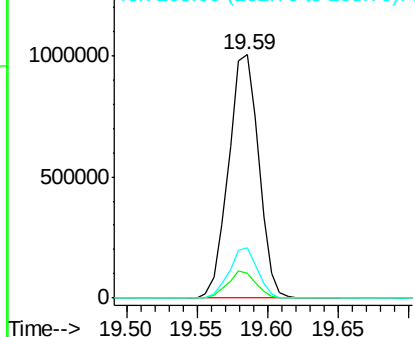


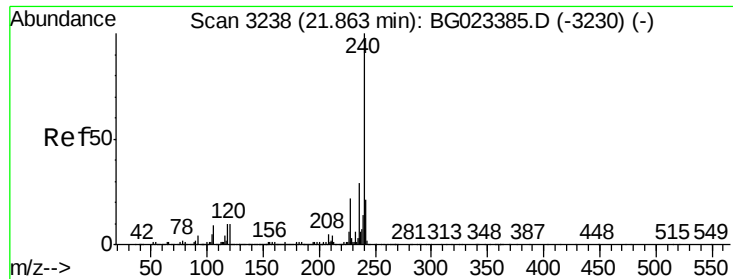
#74
Fluoranthene
Concen: 47.26 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:202 Resp: 1491127
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.4
203 20.5 1.7 41.7



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

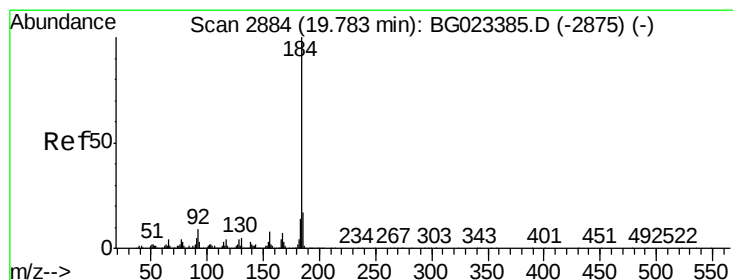
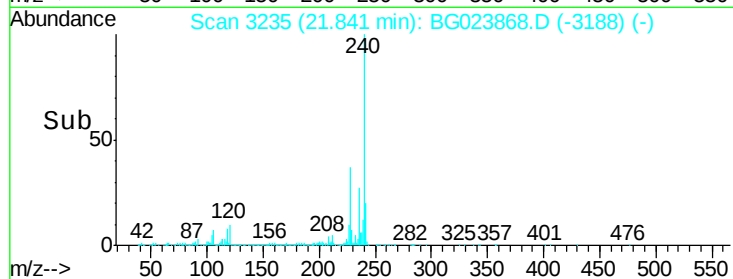
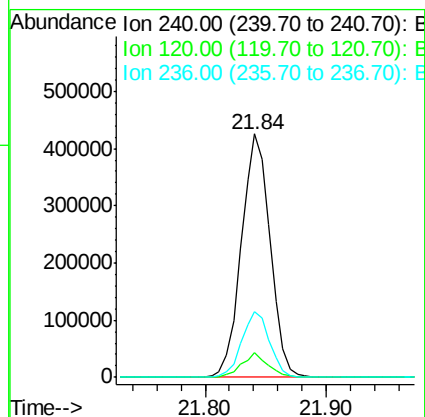
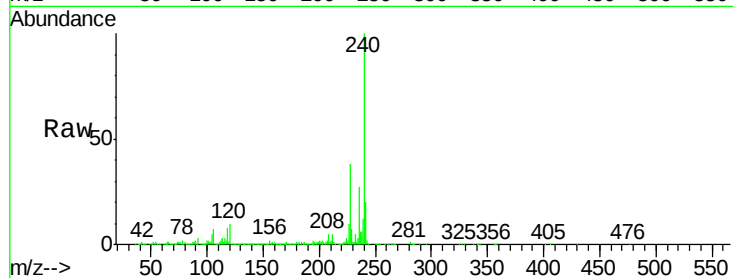




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

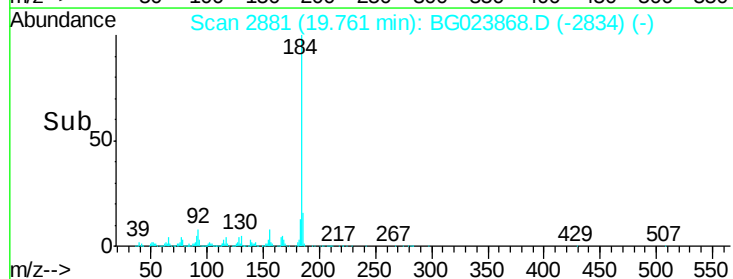
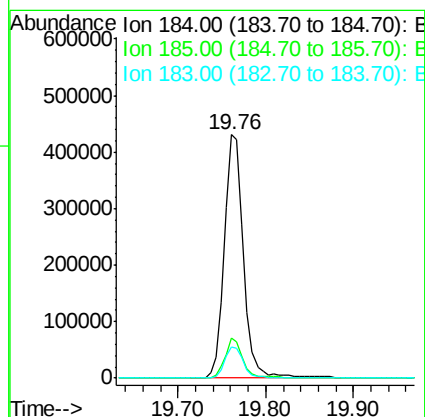
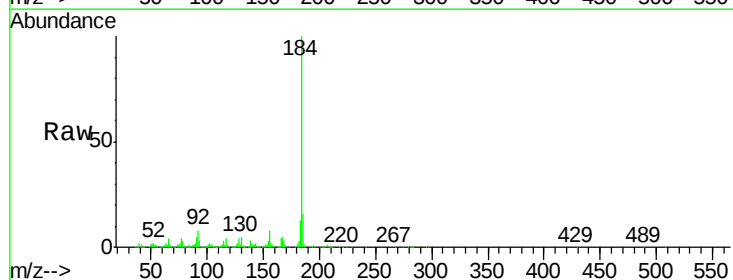
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

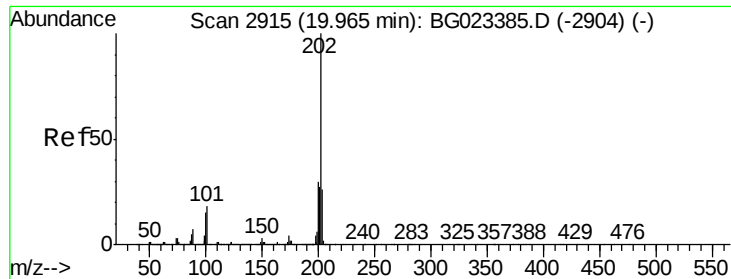
Tgt Ion:240 Resp: 705469
Ion Ratio Lower Upper
240 100
120 10.0 4.1 6.1#
236 26.8 21.1 31.7



#76
Benzidine
Concen: 33.34 ng
RT: 19.76 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BG023868.D
Acq: 24 Aug 2016 00:29

Tgt Ion:184 Resp: 653802
Ion Ratio Lower Upper
184 100
185 16.2 12.6 19.0
183 13.0 10.7 16.1



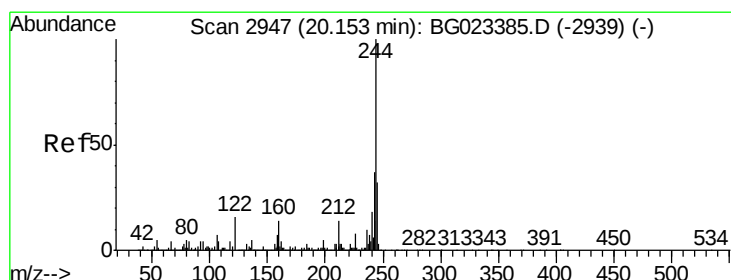
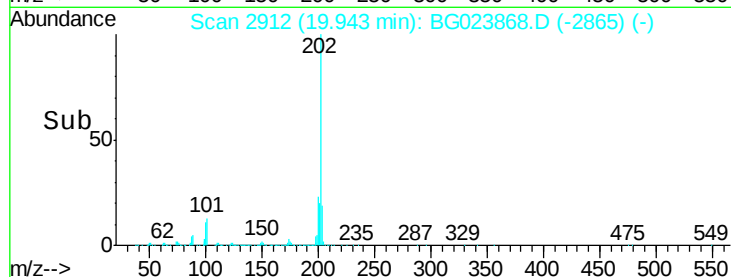
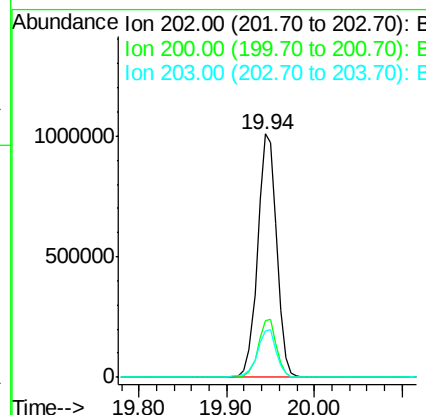
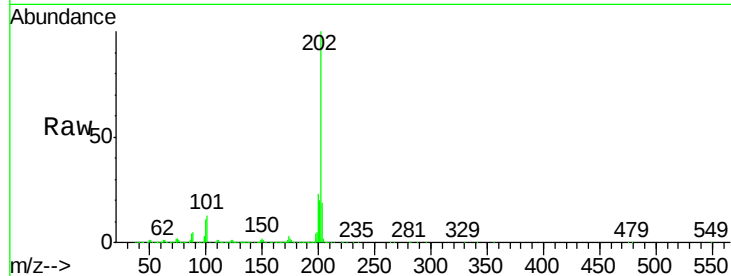


#77
 Pyrene
 Concen: 35.64 ng
 RT: 19.94 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

Tgt Ion:202 Resp: 1497214

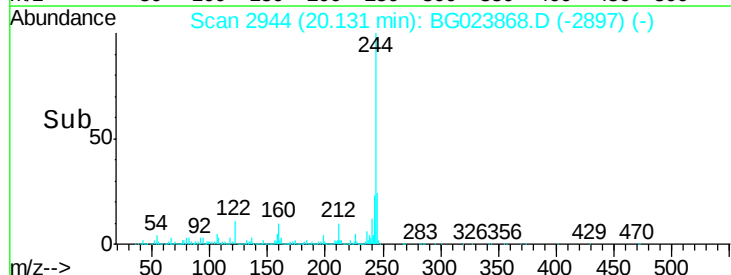
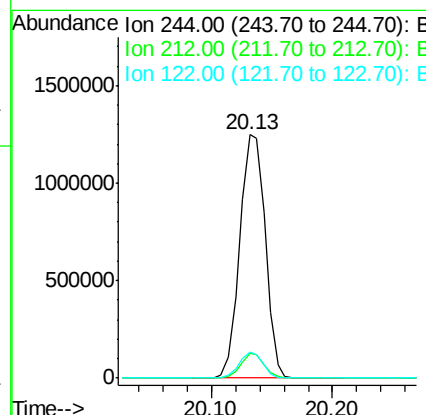
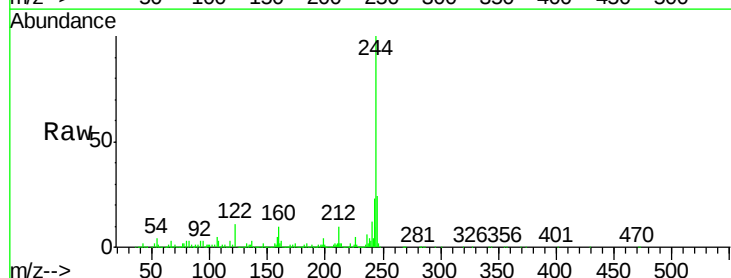
Ion	Ratio	Lower	Upper
202	100		
200	23.1	21.2	31.8
203	19.3	16.8	25.2

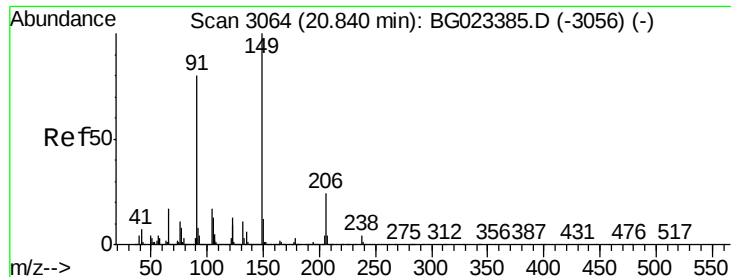


#78
 Terphenyl-d14
 Concen: 80.44 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion:244 Resp: 1836496

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.8	16.2#
122	10.7	8.0	12.0





#79

Butylbenzylphthalate

Concen: 39.67 ng

RT: 20.82 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

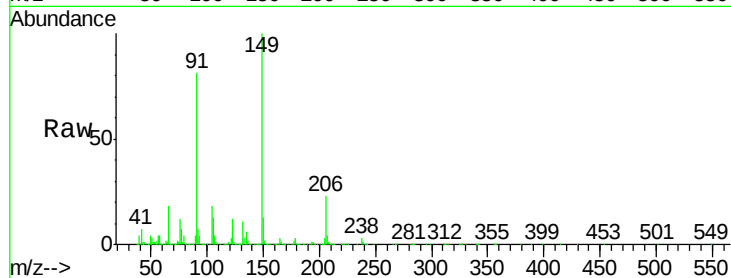
Tgt Ion:149 Resp: 673842

Ion Ratio Lower Upper

149 100

91 81.0 68.1 102.1

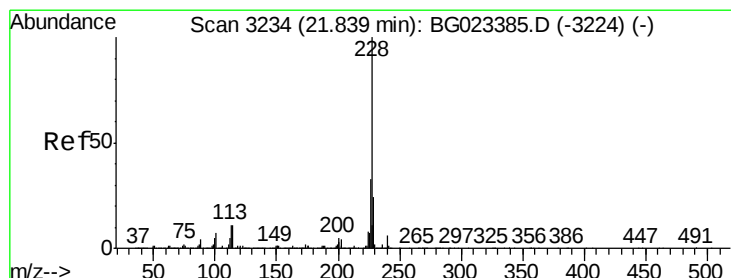
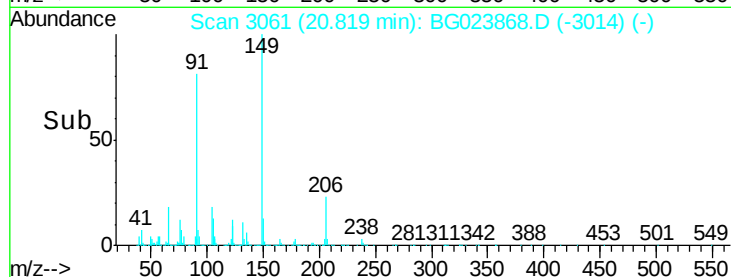
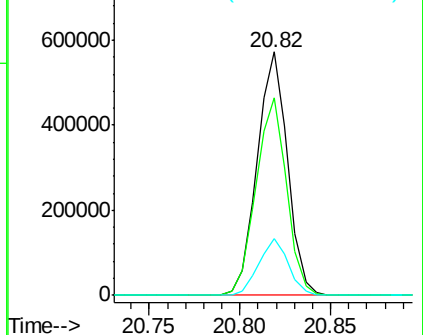
206 23.5 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.44 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

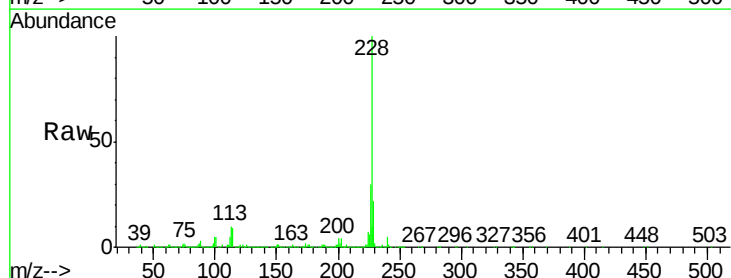
Tgt Ion:228 Resp: 1458188

Ion Ratio Lower Upper

228 100

226 30.0 25.3 37.9

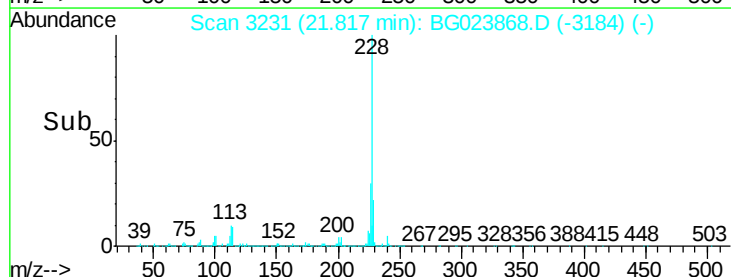
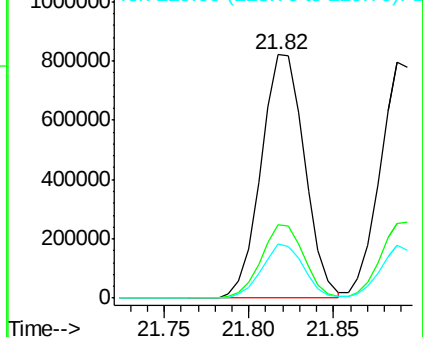
229 22.0 19.9 29.9

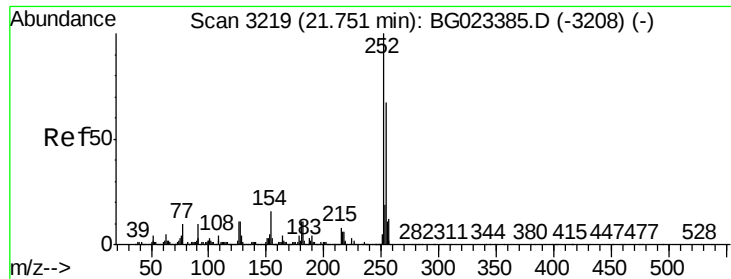


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

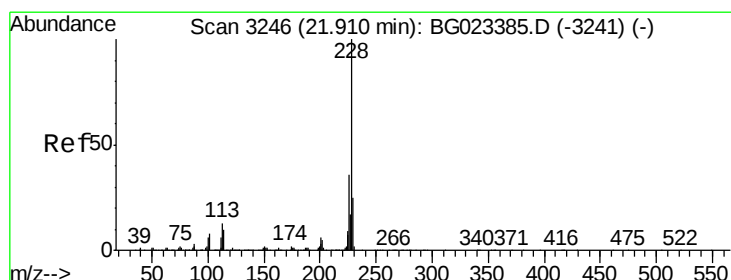
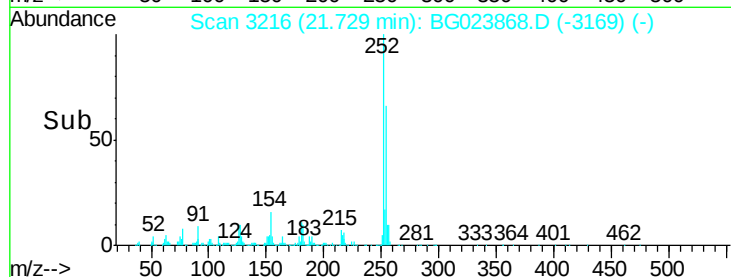
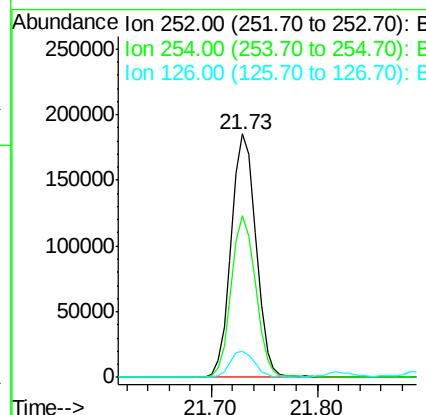
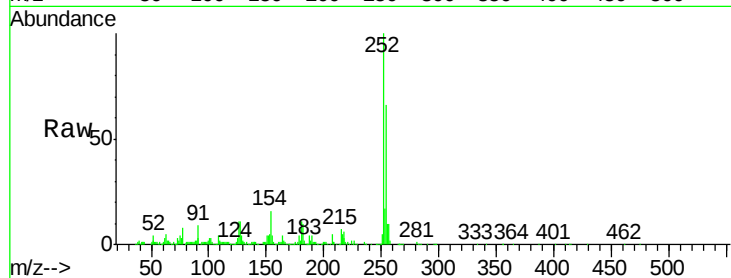




#81
 3,3'-Dichlorobenzidine
 Concen: 18.85 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

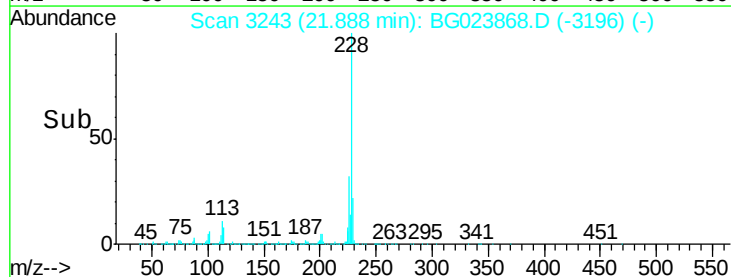
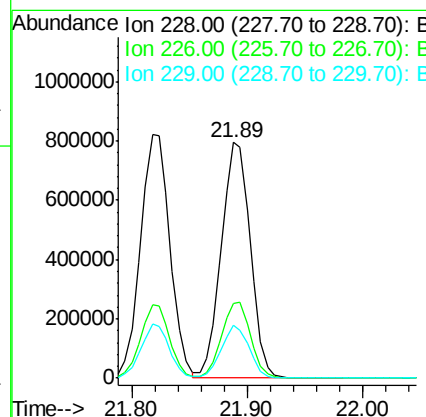
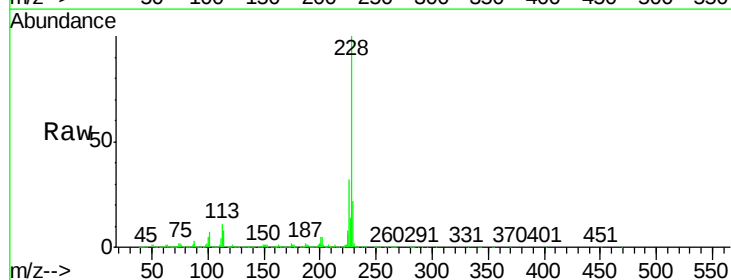
Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

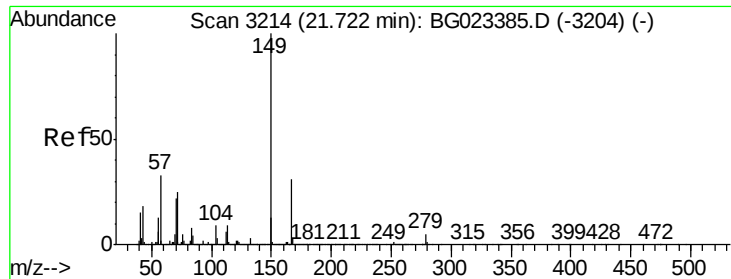
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.2	76.8
126	10.6	5.3	7.9#



#82
 Chrysene
 Concen: 37.29 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.7	40.1
229	22.2	17.4	26.2

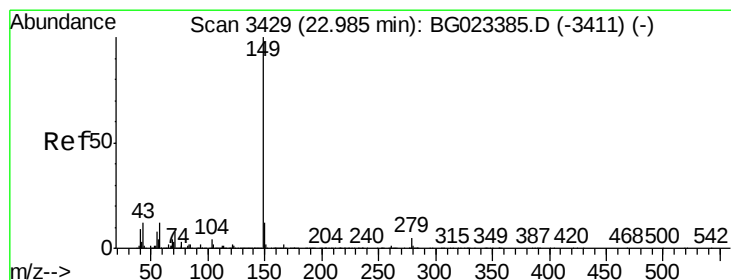
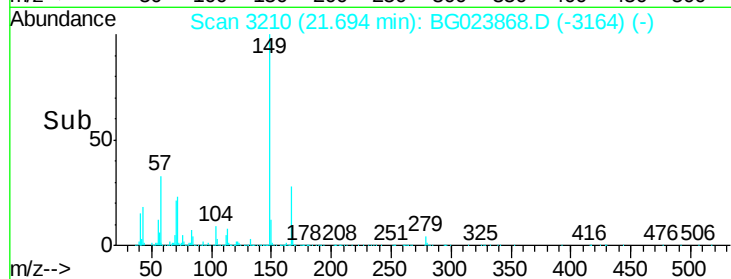
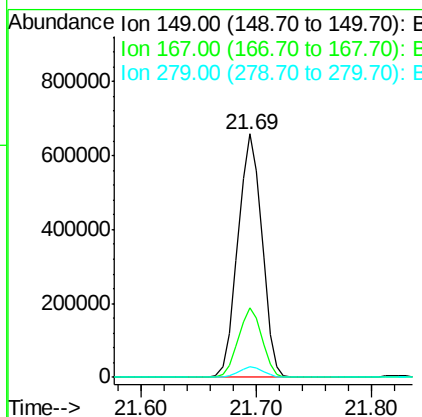
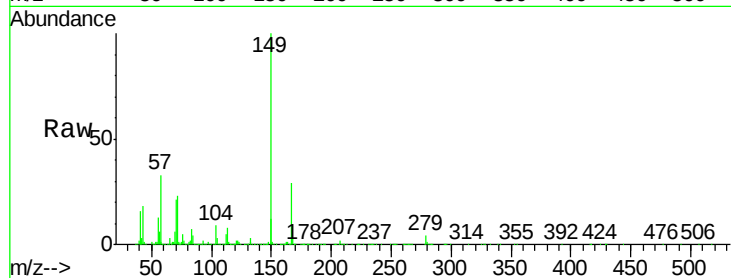




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.92 ng
 RT: 21.69 min Scan# 3210
 Delta R.T. -0.03 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

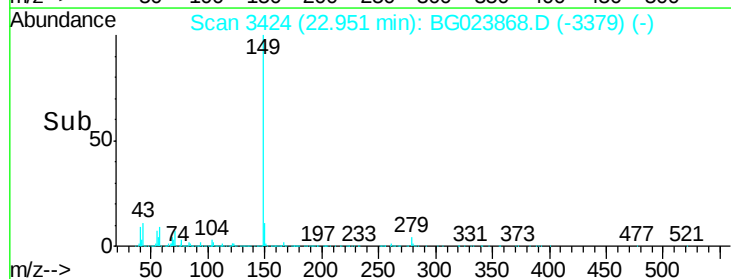
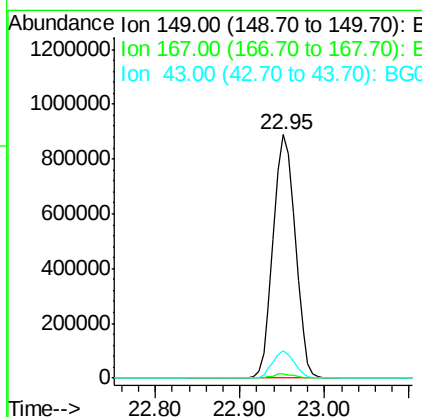
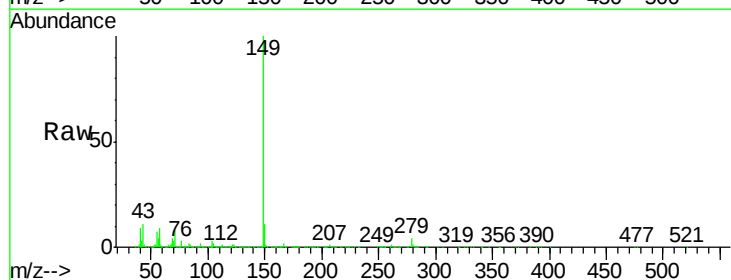
Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

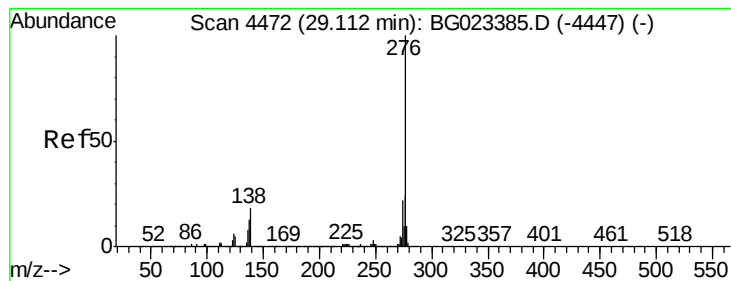
Tgt Ion:149 Resp: 951871
 Ion Ratio Lower Upper
 149 100
 167 28.5 24.0 36.0
 279 4.4 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 40.41 ng
 RT: 22.95 min Scan# 3424
 Delta R.T. -0.03 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Tgt Ion:149 Resp: 1604576
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.7 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.92 ng

RT: 29.09 min Scan# 4469

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

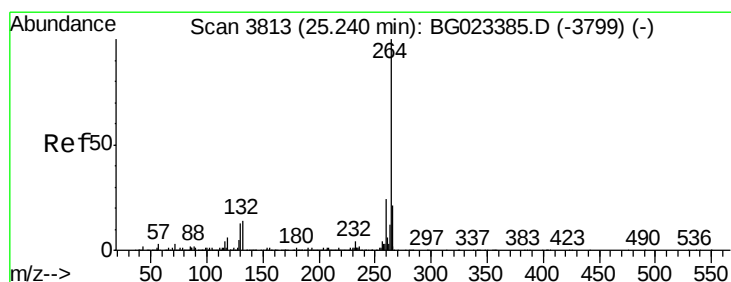
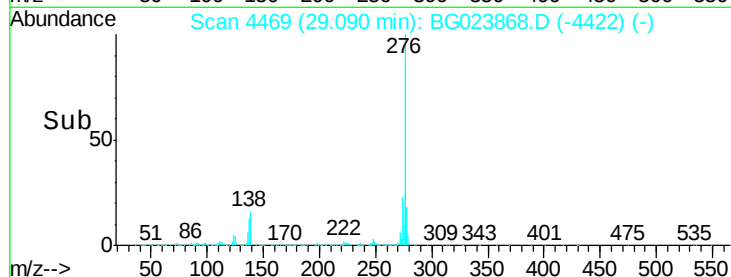
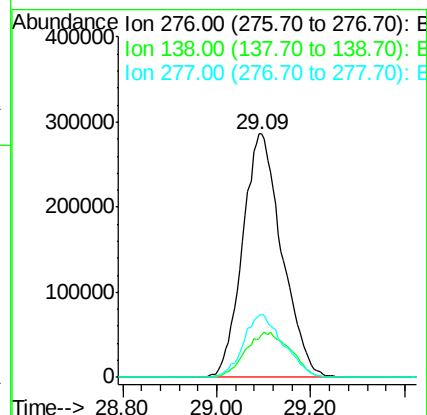
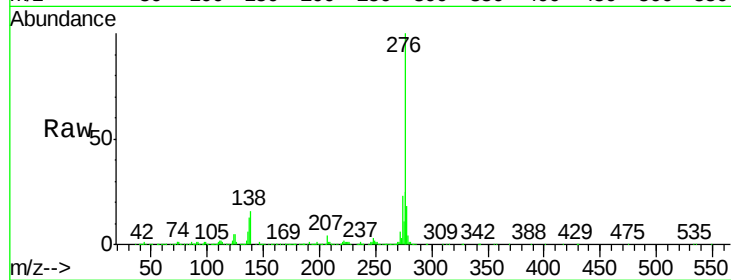
Tgt Ion:276 Resp: 1662736

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

277 26.1 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

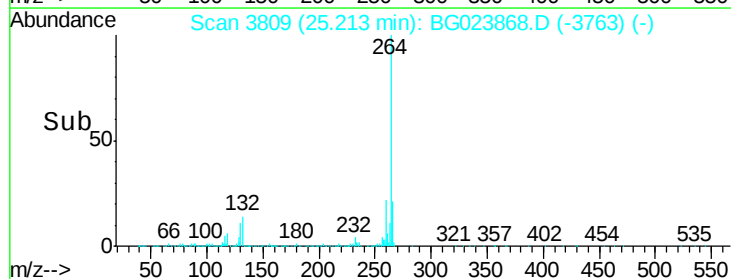
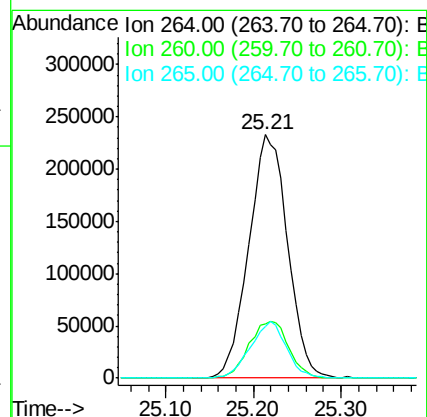
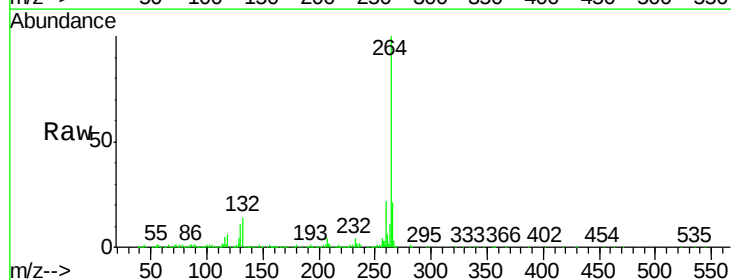
Tgt Ion:264 Resp: 706320

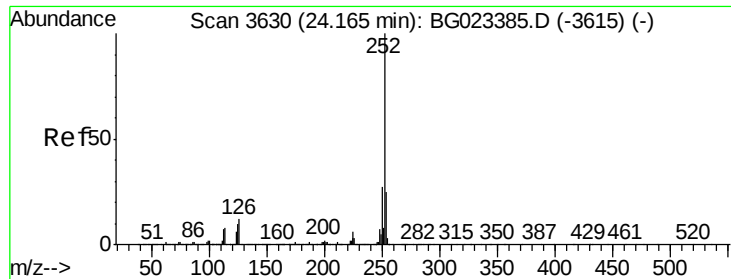
Ion Ratio Lower Upper

264 100

260 22.2 18.4 27.6

265 21.1 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 37.39 ng

RT: 24.14 min Scan# 3627

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

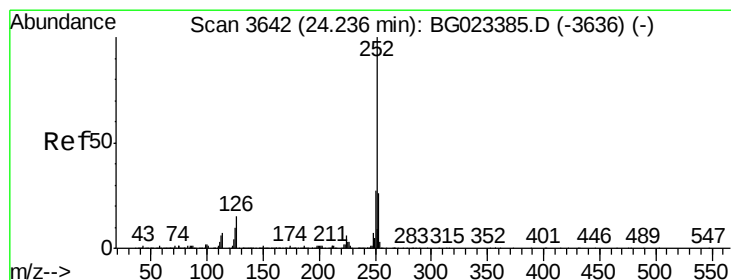
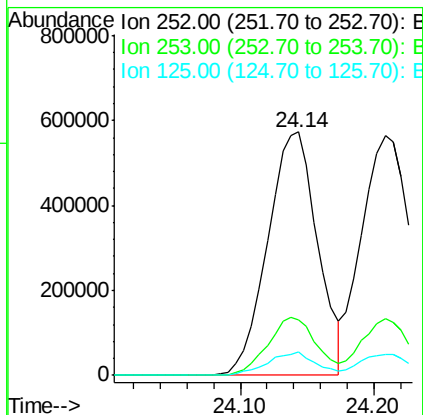
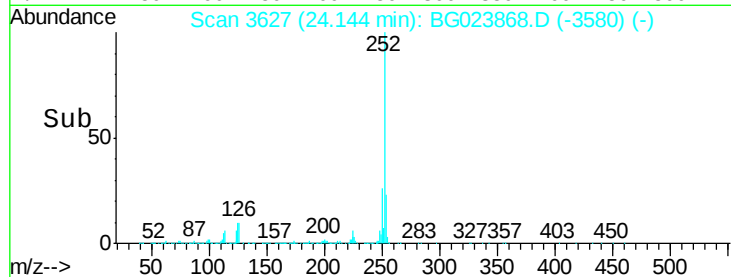
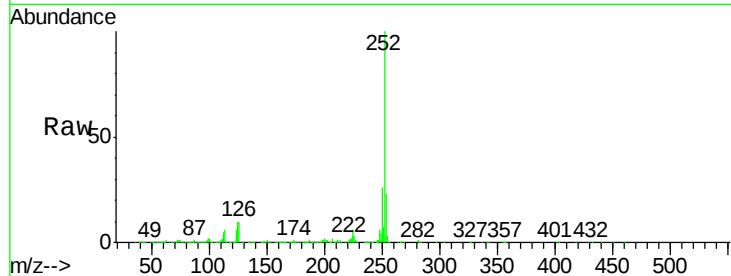
Tgt Ion:252 Resp: 1485930

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

125 9.6 3.9 5.9#



#88

Benzo(k)fluoranthene

Concen: 37.25 ng

RT: 24.21 min Scan# 3638

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

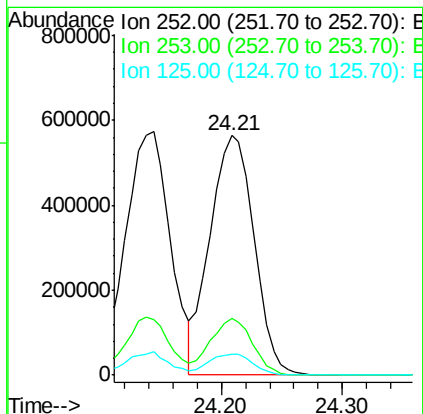
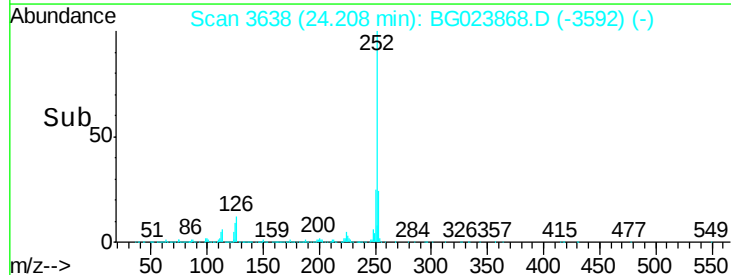
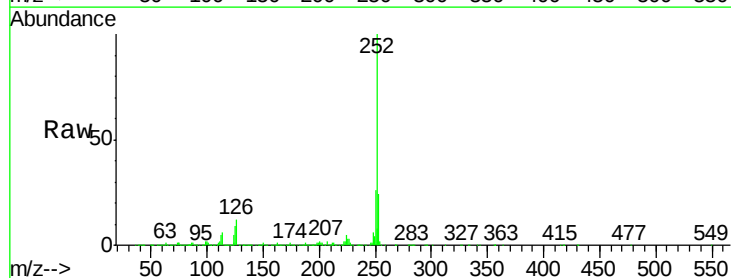
Tgt Ion:252 Resp: 1421678

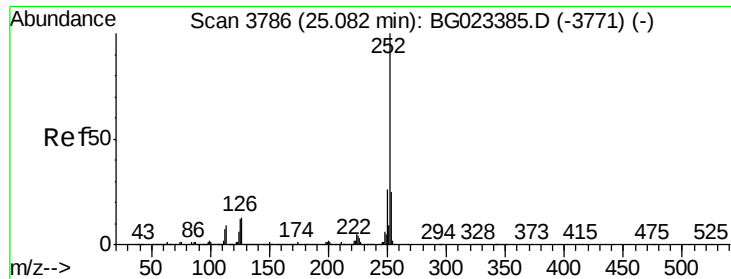
Ion Ratio Lower Upper

252 100

253 23.7 18.8 28.2

125 9.0 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 38.04 ng

RT: 25.06 min Scan# 3783

Delta R.T. -0.02 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MS

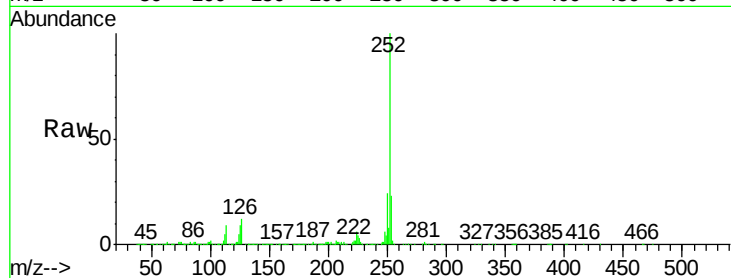
Tgt Ion:252 Resp: 1437672

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

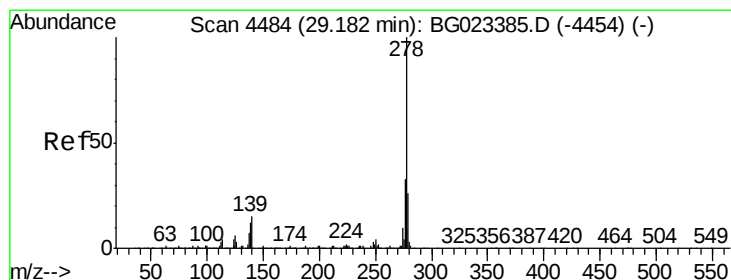
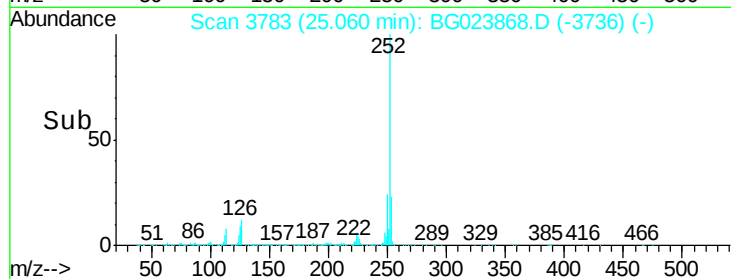
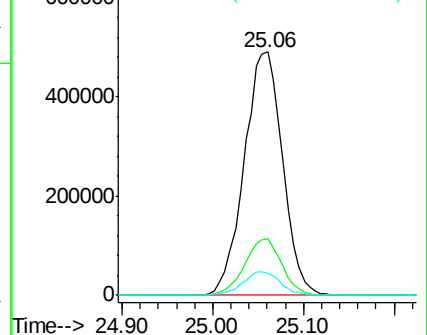
125 9.3 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.07 ng

RT: 29.15 min Scan# 4479

Delta R.T. -0.03 min

Lab File: BG023868.D

Acq: 24 Aug 2016 00:29

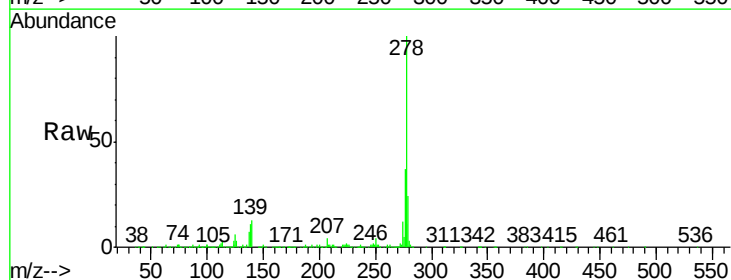
Tgt Ion:278 Resp: 1431139

Ion Ratio Lower Upper

278 100

139 12.7 4.7 7.1#

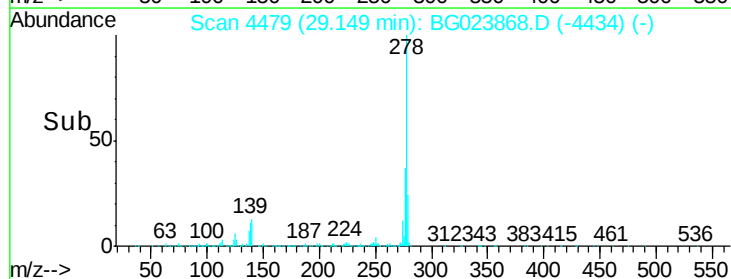
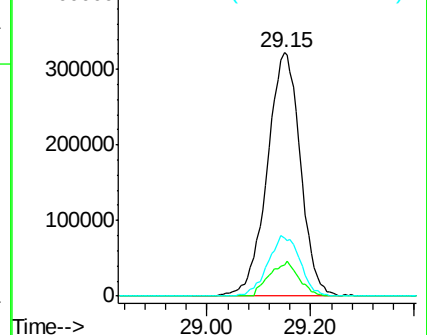
279 23.7 18.3 27.5

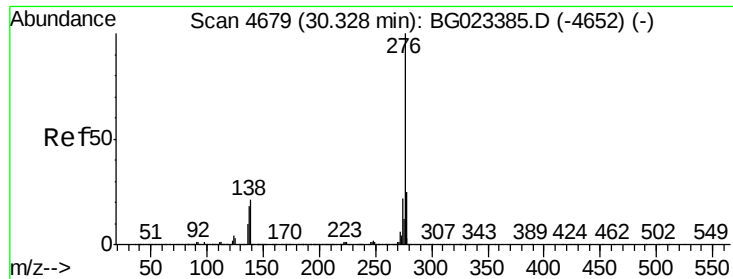


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 35.90 ng
 RT: 30.30 min Scan# 4675
 Delta R.T. -0.03 min
 Lab File: BG023868.D
 Acq: 24 Aug 2016 00:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MS

Tgt Ion:276 Resp: 1395932
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.6 27.8
 138 17.9 6.8 10.2#

