

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016431.D
 Acq On : 15 Apr 2015 19:54
 Operator : TP/IZ
 Sample : PB82798BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

Quant Time: Apr 16 03:26:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	95474	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	448056	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	278752	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	553914	20.00	ng	0.00
75) Chrysene-d12	21.24	240	443219	20.00	ng	0.00
86) Perylene-d12	23.47	264	431561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	452497	74.80	ng	0.00
7) Phenol-d6	6.87	99	652993	71.90	ng	0.00
23) Nitrobenzene-d5	8.83	82	433144	56.00	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	153137	81.23	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1024555	62.58	ng	0.00
78) Terphenyl-d14	19.68	244	1119661	59.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	62089	22.58	ng	99
3) Pyridine	3.53	79	187468	22.81	ng	95
4) n-Nitrosodimethylamine	3.45	42	64101	26.23	ng	95
6) Aniline	7.00	93	134054	10.34	ng	96
8) 2-Chlorophenol	7.24	128	272020	37.44	ng	94
9) Benzaldehyde	6.81	77	45339	8.52	ng	98
10) Phenol	6.90	94	341719	35.17	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	227779	29.40	ng	98
12) 1,3-Dichlorobenzene	7.55	146	242774	33.09	ng	96
13) 1,4-Dichlorobenzene	7.70	146	248804	32.69	ng	97
14) 1,2-Dichlorobenzene	8.02	146	244239	33.56	ng	97
15) Benzyl Alcohol	7.92	79	199125	31.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	244398	28.01	ng	97
17) 2-Methylphenol	8.14	107	231667	35.55	ng	97
18) Hexachloroethane	8.74	117	90310	31.02	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	170899	26.26	ng	97
20) 3+4-Methylphenols	8.46	107	320970	35.56	ng	98
22) Acetophenone	8.49	105	331901	31.95	ng	# 97
24) Nitrobenzene	8.87	77	248419	30.03	ng	90
25) Isophorone	9.39	82	478178	27.84	ng	96
26) 2-Nitrophenol	9.57	139	153564	39.82	ng	96
27) 2,4-Dimethylphenol	9.65	122	278464	38.76	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	301582	30.76	ng	99
29) 2,4-Dichlorophenol	10.12	162	248805	43.77	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	219915	37.05	ng	97
31) Naphthalene	10.50	128	785211	33.63	ng	99
32) Benzoic acid	9.82	122	201538	43.91	ng	97
33) 4-Chloroaniline	10.62	127	74133	6.77	ng	98
34) Hexachlorobutadiene	10.79	225	95599	36.67	ng	97
35) Caprolactam	11.41	113	100809	28.17	ng	90
36) 4-Chloro-3-methylphenol	11.77	107	294419	39.21	ng	95
37) 2-Methylnaphthalene	12.12	142	600372	35.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	215892	35.18	ng	99
40) Hexachlorocyclopentadiene	12.47	237	195675	69.66	ng	98

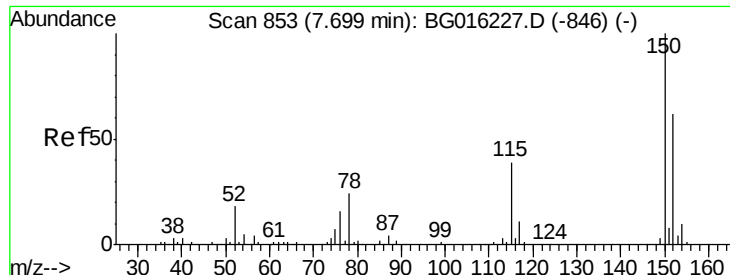
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016431.D
 Acq On : 15 Apr 2015 19:54
 Operator : TP/IZ
 Sample : PB82798BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
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Quant Time: Apr 16 03:26:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	185473	40.67	ng	97
43) 2,4,5-Trichlorophenol	12.83	196	204076	41.88	ng	97
45) 1,1'-Biphenyl	13.15	154	735601	34.40	ng	98
46) 2-Chloronaphthalene	13.19	162	564850	34.68	ng	99
47) 2-Nitroaniline	13.40	65	171457	32.66	ng	88
48) Acenaphthylene	14.03	152	966009	33.35	ng	98
49) Dimethylphthalate	13.78	163	657754	32.20	ng	99
50) 2,6-Dinitrotoluene	13.90	165	174336	35.28	ng	91
51) Acenaphthene	14.38	154	591673	34.18	ng	98
52) 3-Nitroaniline	14.23	138	109149	17.30	ng	91
53) 2,4-Dinitrophenol	14.44	184	202926	71.90	ng	91
54) Dibenzofuran	14.72	168	856722	35.67	ng	97
55) 4-Nitrophenol	14.57	139	358414	68.73	ng	96
56) 2,4-Dinitrotoluene	14.69	165	241765	35.92	ng	92
57) Fluorene	15.36	166	748694	35.33	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.94	232	153760	40.89	ng	# 92
59) Diethylphthalate	15.14	149	709873	32.64	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	316172	36.48	ng	96
61) 4-Nitroaniline	15.40	138	225001	31.42	ng	95
62) Azobenzene	15.65	77	732991	31.67	ng	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	135744	35.89	ng	92
65) n-Nitrosodiphenylamine	15.57	169	667843	35.67	ng	100
66) 4-Bromophenyl-phenylether	16.25	248	169774	38.39	ng	94
67) Hexachlorobenzene	16.37	284	170473	37.09	ng	94
68) Atrazine	16.53	200	203810	39.05	ng	99
69) Pentachlorophenol	16.71	266	216783	77.24	ng	98
70) Phenanthrene	17.10	178	1062683	34.11	ng	98
71) Anthracene	17.19	178	1087022	35.21	ng	99
72) Carbazole	17.47	167	1060546	34.23	ng	99
73) Di-n-butylphthalate	18.02	149	1248357	32.92	ng	100
74) Fluoranthene	19.12	202	1053086	32.79	ng	96
76) Benzidine	19.30	184	499077	26.55	ng	98
77) Pyrene	19.48	202	1082170	35.06	ng	99
79) Butylbenzylphthalate	20.38	149	576922	38.05	ng	95
80) Benzo(a)anthracene	21.22	228	941867	35.96	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	167733	19.47	ng	99
82) Chrysene	21.27	228	877046	34.68	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	788835	38.43	ng	97
84) Di-n-octyl phthalate	22.02	149	1331112	39.80	ng	99
85) Indeno(1,2,3-cd)pyrene	25.75	276	996296	37.92	ng	97
87) Benzo(b)fluoranthene	22.80	252	886681	35.08	ng	98
88) Benzo(k)fluoranthene	22.84	252	863843	34.92	ng	98
89) Benzo(a)pyrene	23.38	252	876606	37.00	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	827371	35.89	ng	98
91) Benzo(g,h,i)perylene	26.45	276	853063	37.05	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.67 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

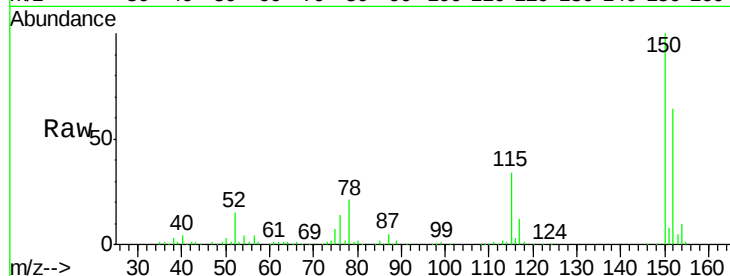
Tgt Ion:152 Resp: 95474

Ion Ratio Lower Upper

152 100

150 155.1 130.1 195.1

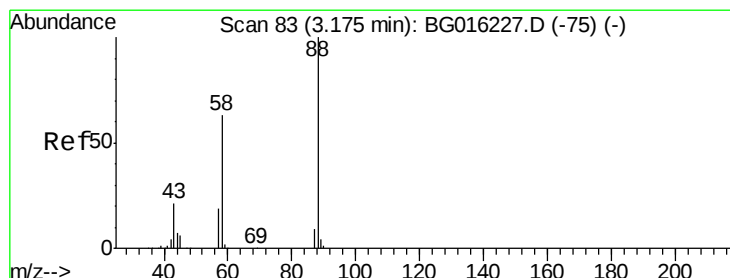
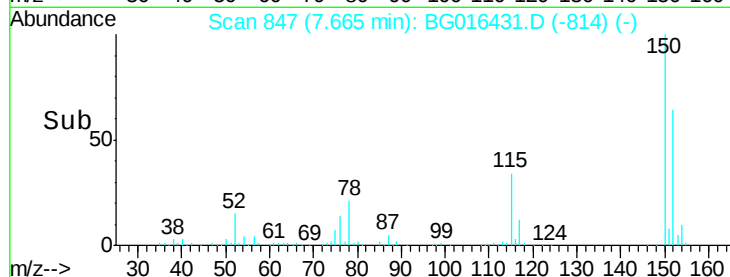
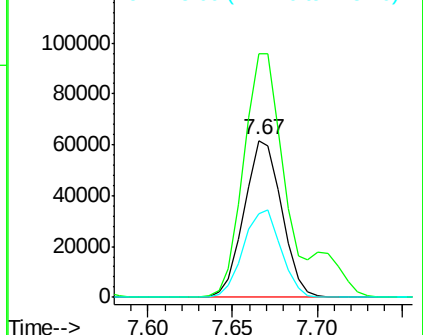
115 53.2 50.5 75.7



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: 22.58 ng

RT: 3.14 min Scan# 76

Delta R.T. -0.02 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

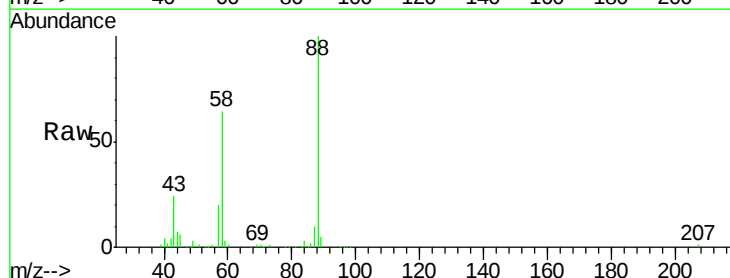
Tgt Ion: 88 Resp: 62089

Ion Ratio Lower Upper

88 100

58 63.4 50.6 76.0

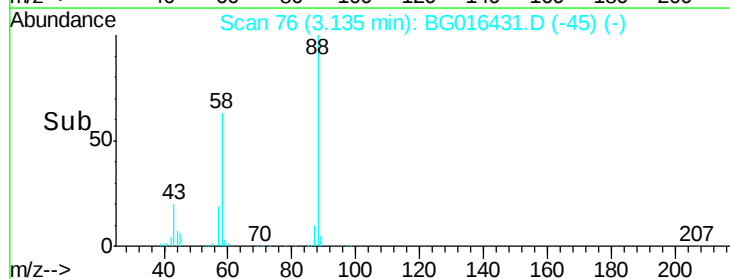
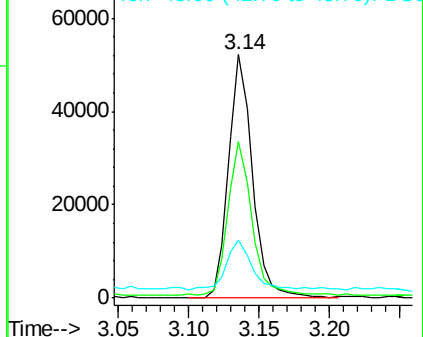
43 23.7 17.0 25.4

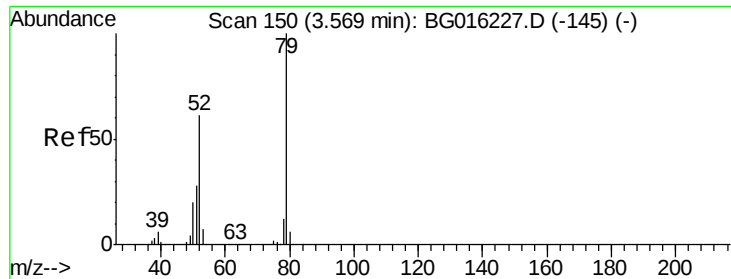


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 22.81 ng

RT: 3.53 min Scan# 144

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

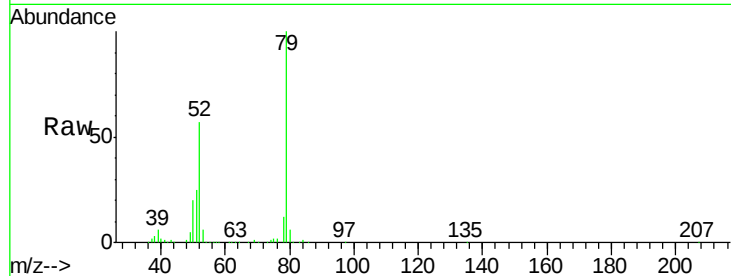
Tgt Ion: 79 Resp: 187468

Ion Ratio Lower Upper

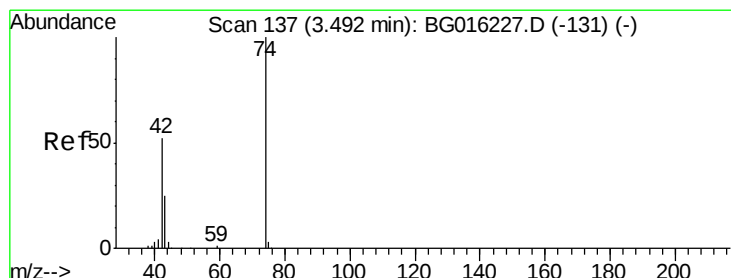
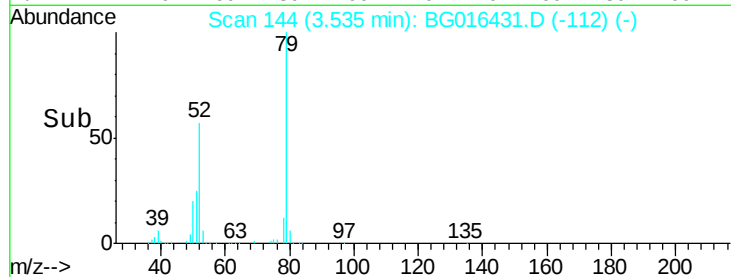
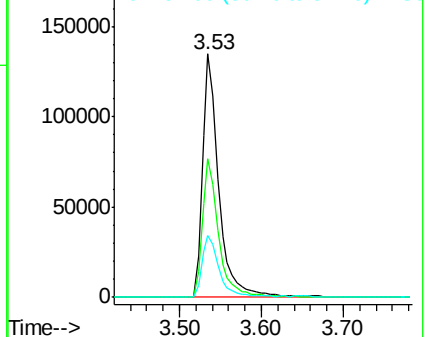
79 100

52 57.1 49.0 73.4

51 25.2 22.5 33.7



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: 26.23 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

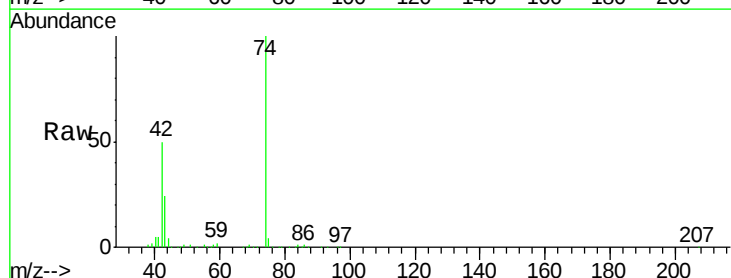
Tgt Ion: 42 Resp: 64101

Ion Ratio Lower Upper

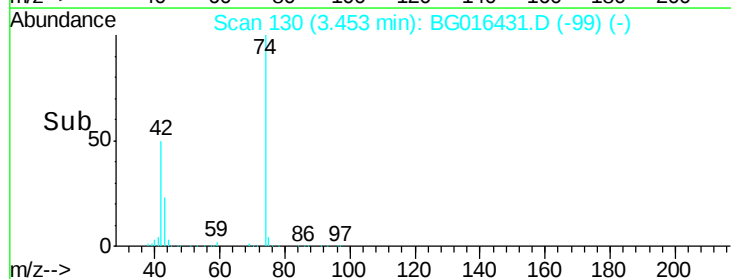
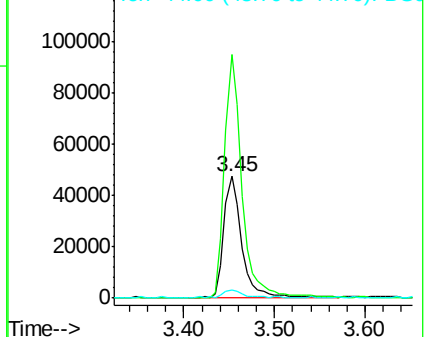
42 100

74 199.6 153.7 230.5

44 7.2 5.3 7.9



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: 74.80 ng

RT: 5.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

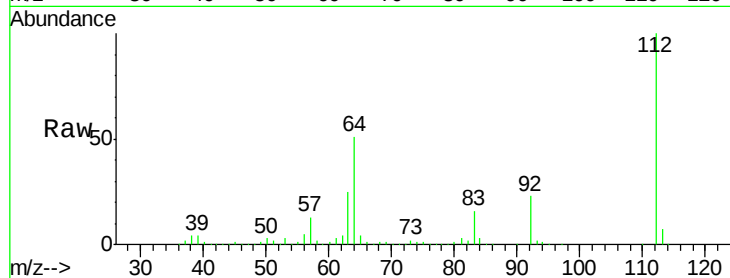
Instrument :

BNA_G

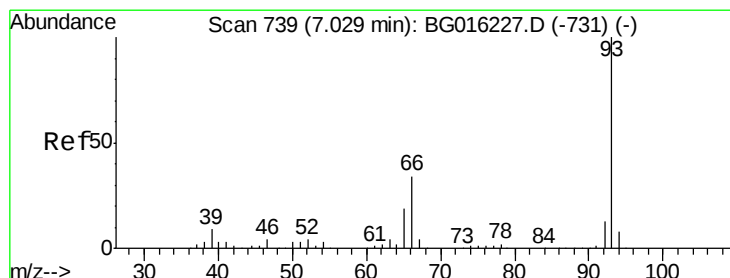
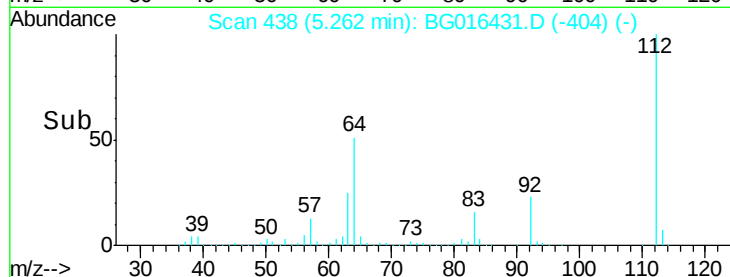
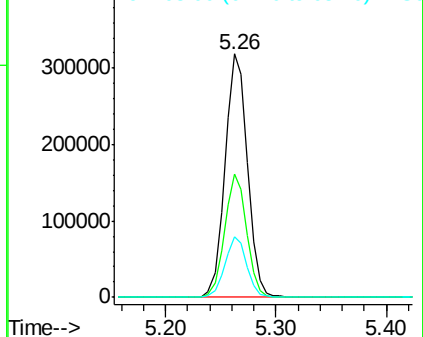
ClientSampleId :

PB82798BSD

Tgt Ion:	112	Resp:	452497
Ion	Ratio	Lower	Upper
112	100		
64	50.7	44.5	66.7
63	24.7	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.34 ng

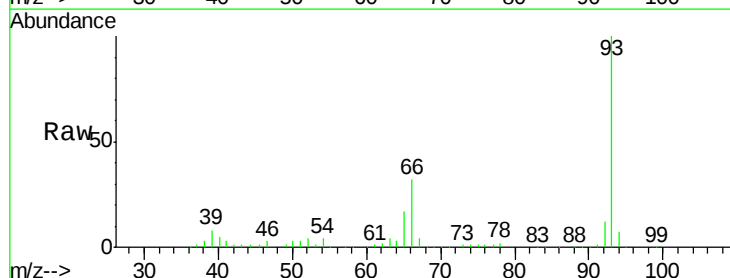
RT: 7.00 min Scan# 734

Delta R.T. -0.01 min

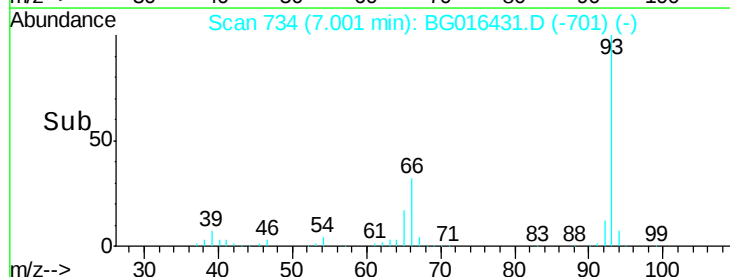
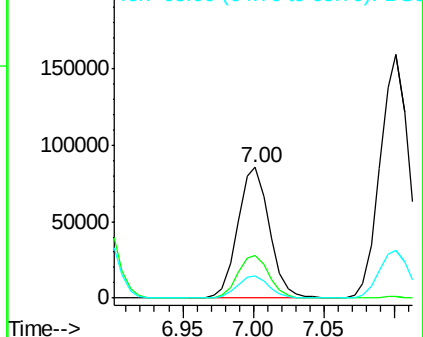
Lab File: BG016431.D

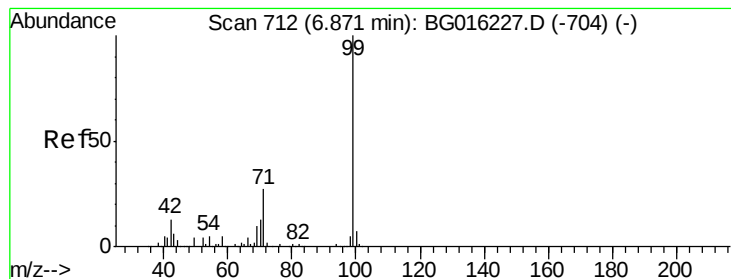
Acq: 15 Apr 2015 19:54

Tgt Ion:	93	Resp:	134054
Ion	Ratio	Lower	Upper
93	100		
66	32.2	27.5	41.3
65	17.4	15.1	22.7



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: 71.90 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

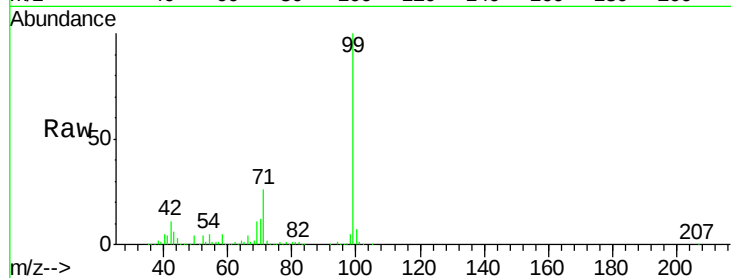
Tgt Ion: 99 Resp: 652993

Ion Ratio Lower Upper

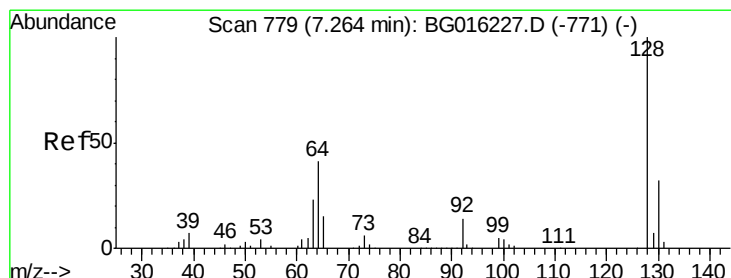
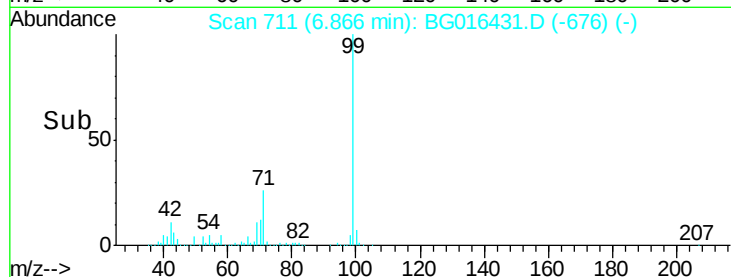
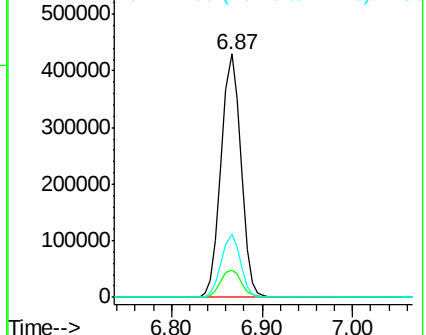
99 100

42 11.4 10.0 15.0

71 26.0 21.5 32.3



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: 37.44 ng

RT: 7.24 min Scan# 775

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

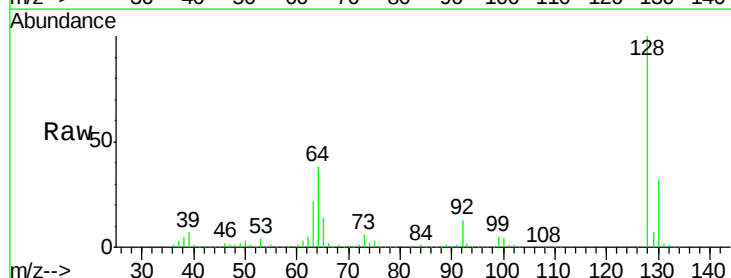
Tgt Ion: 128 Resp: 272020

Ion Ratio Lower Upper

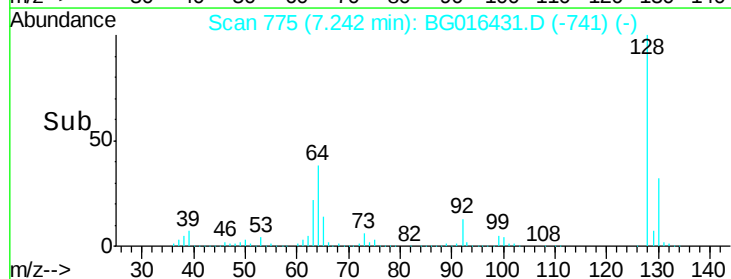
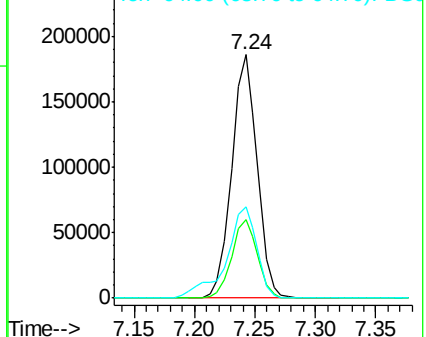
128 100

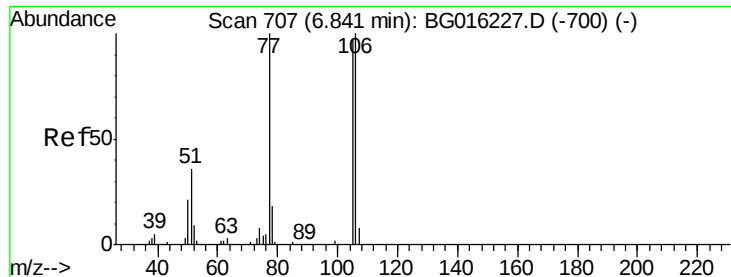
130 32.3 11.6 51.6

64 37.7 24.2 64.2



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: 8.52 ng

RT: 6.81 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

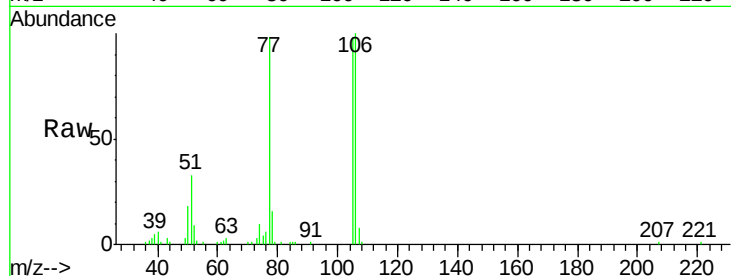
Tgt Ion: 77 Resp: 45339

Ion Ratio Lower Upper

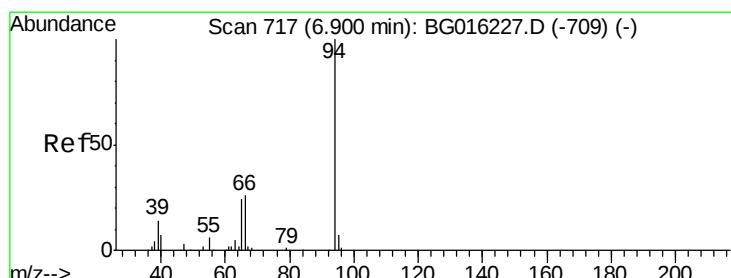
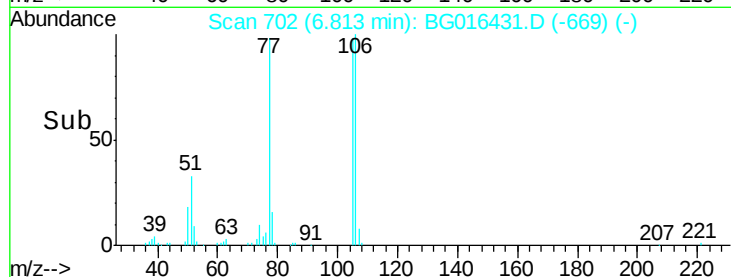
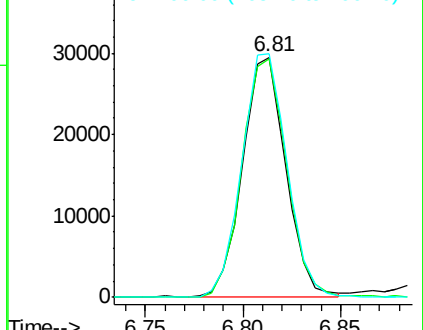
77 100

105 99.5 76.8 116.8

106 101.5 80.1 120.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.17 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

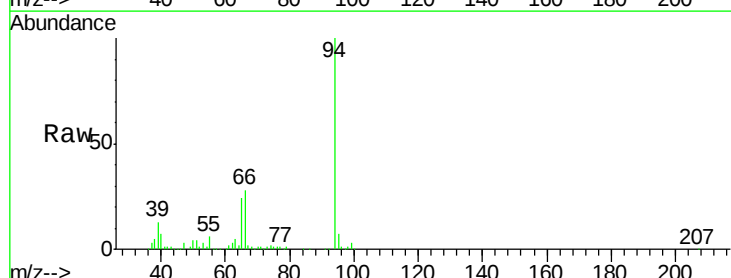
Tgt Ion: 94 Resp: 341719

Ion Ratio Lower Upper

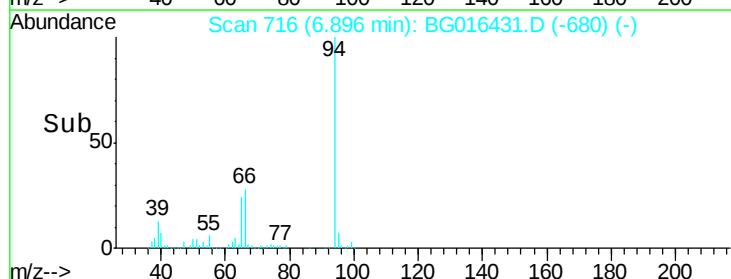
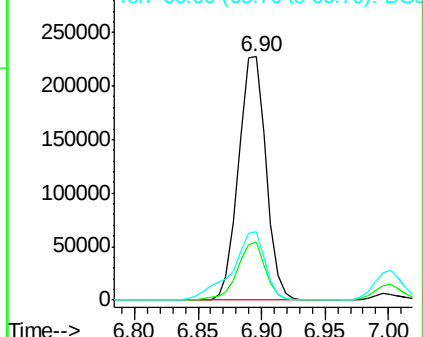
94 100

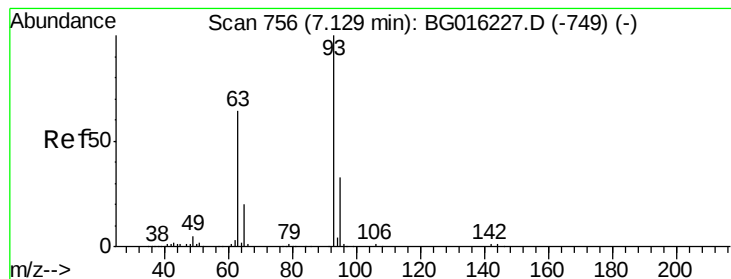
65 23.6 3.8 43.8

66 28.1 7.4 47.4



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: 29.40 ng

RT: 7.10 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

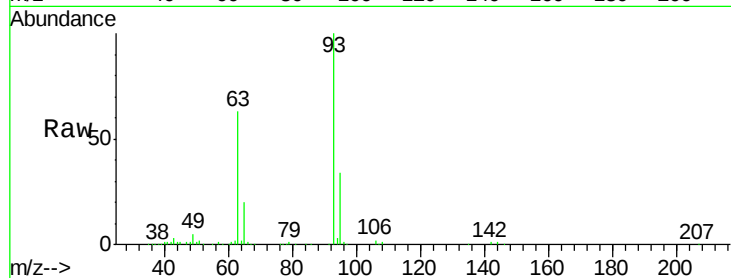
Tgt Ion: 93 Resp: 227779

Ion Ratio Lower Upper

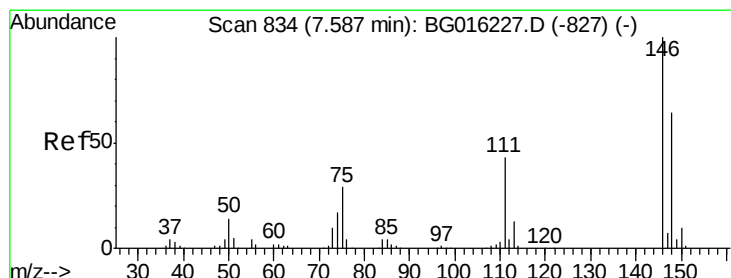
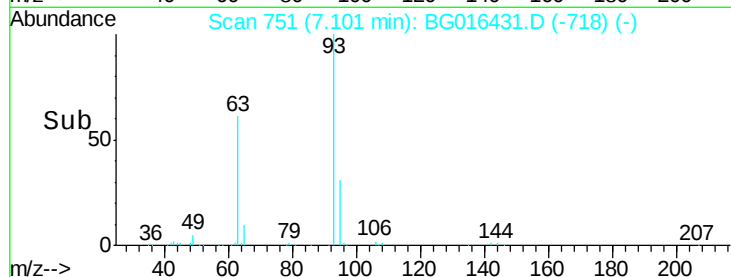
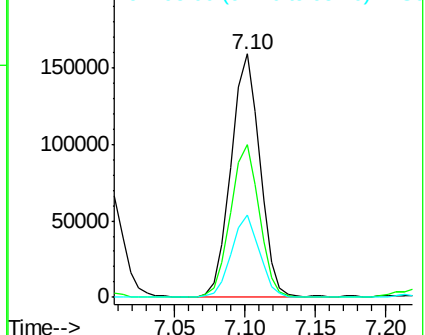
93 100

63 62.7 44.1 84.1

95 33.8 12.5 52.5



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



#12

1,3-Dichlorobenzene

Concen: 33.09 ng

RT: 7.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

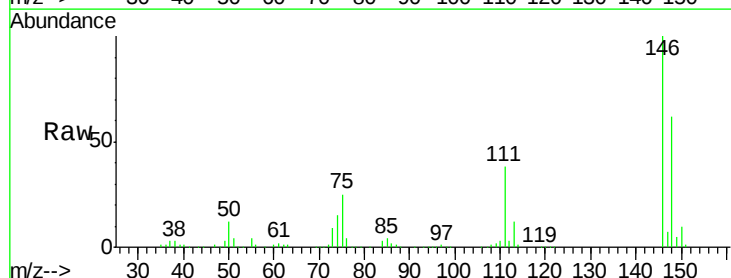
Tgt Ion: 146 Resp: 242774

Ion Ratio Lower Upper

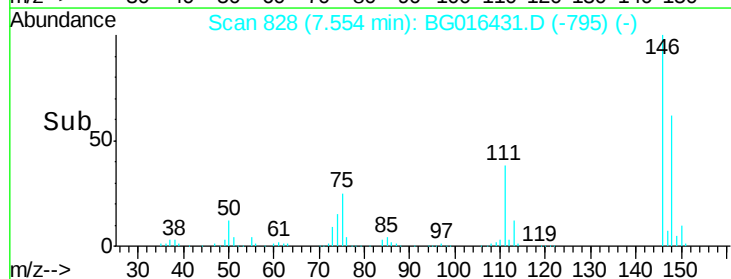
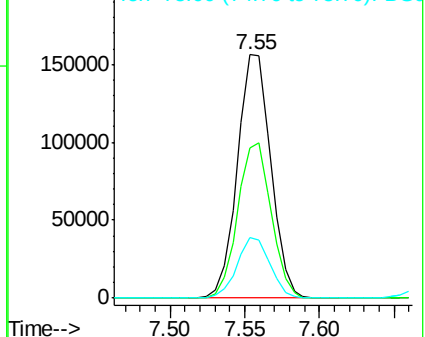
146 100

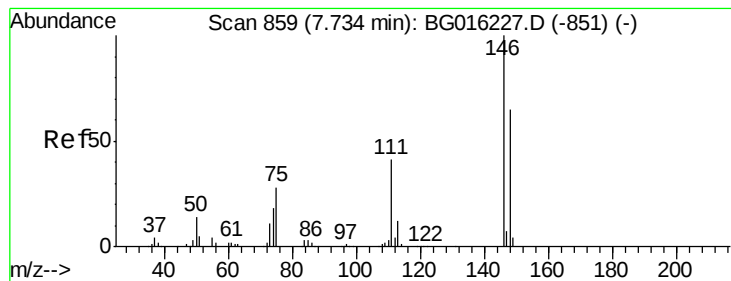
148 61.6 50.9 76.3

75 24.8 23.3 34.9



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





#13

1,4-Dichlorobenzene

Concen: 32.69 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

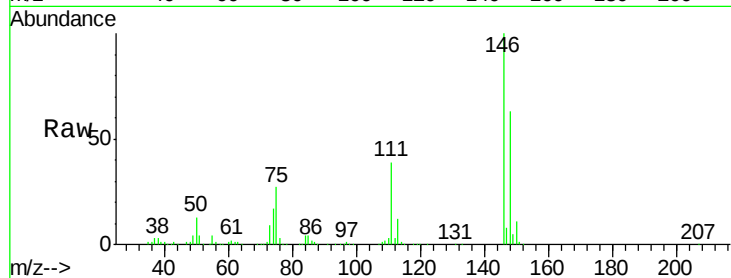
Tgt Ion:146 Resp: 248804

Ion Ratio Lower Upper

146 100

148 63.2 52.0 78.0

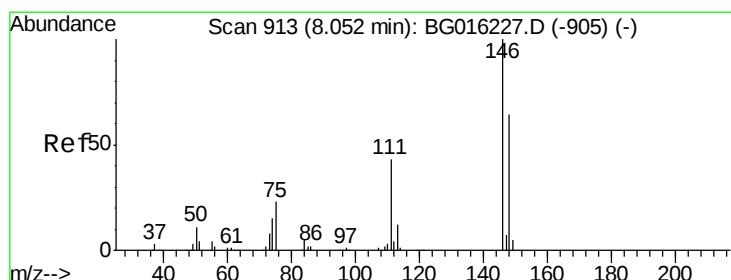
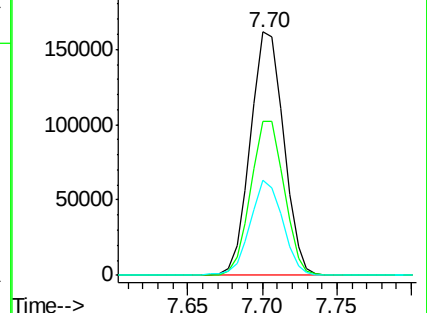
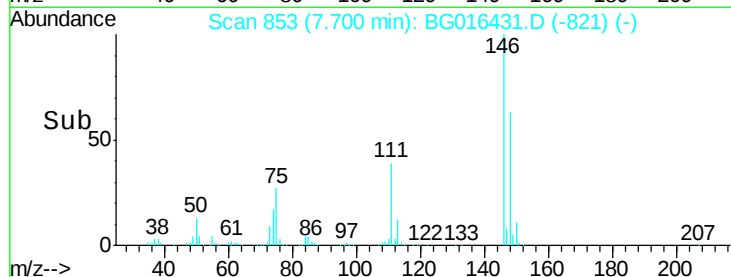
111 39.0 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.56 ng

RT: 8.02 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

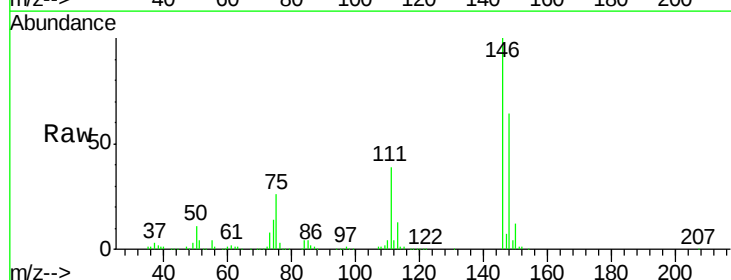
Tgt Ion:146 Resp: 244239

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

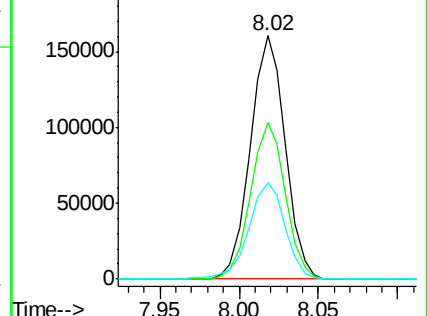
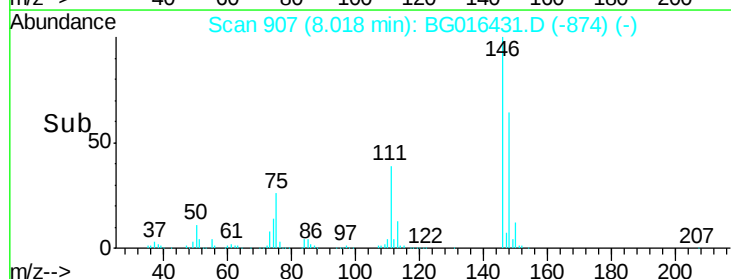
111 39.4 34.7 52.1

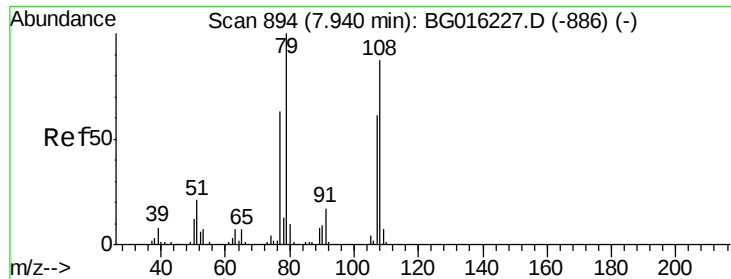


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.45 ng

RT: 7.92 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

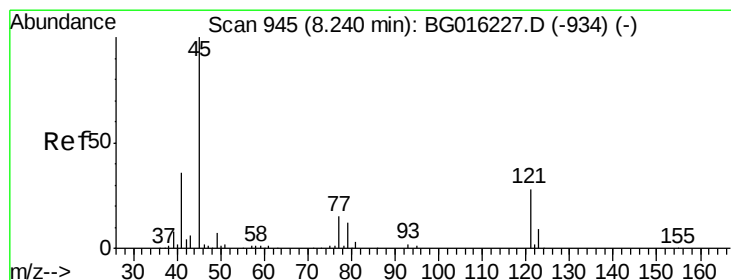
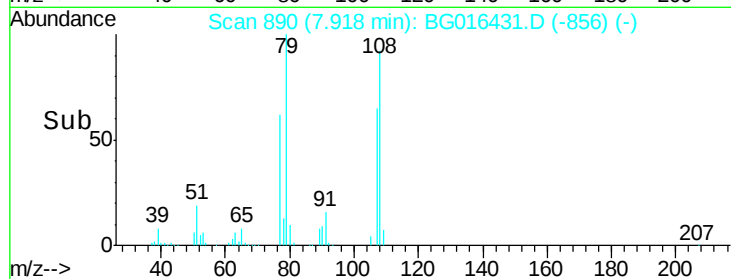
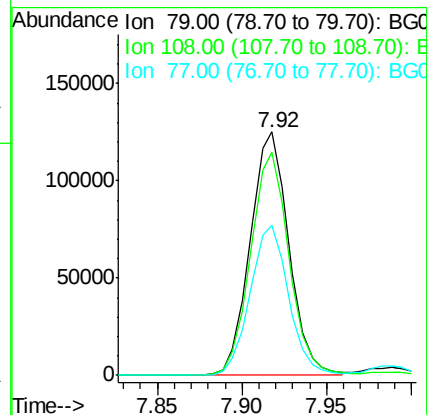
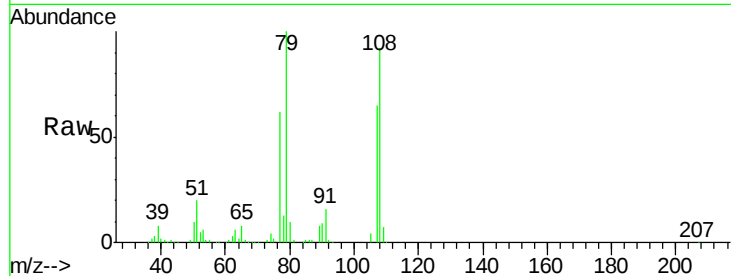
Tgt Ion: 79 Resp: 199125

Ion Ratio Lower Upper

79 100

108 91.8 69.3 103.9

77 61.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.01 ng

RT: 8.21 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

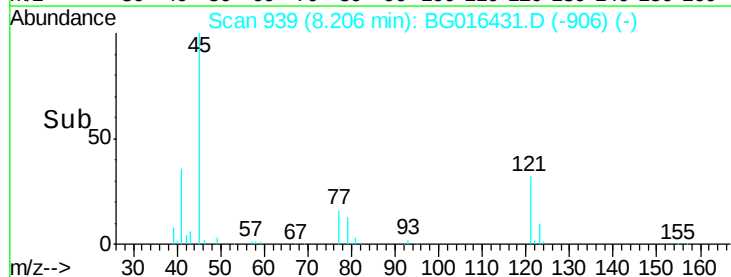
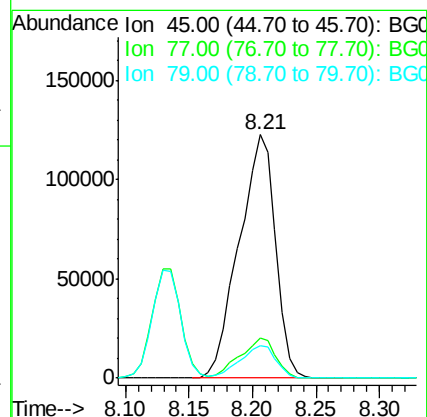
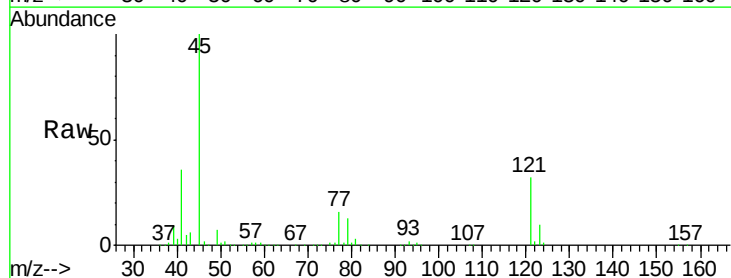
Tgt Ion: 45 Resp: 244398

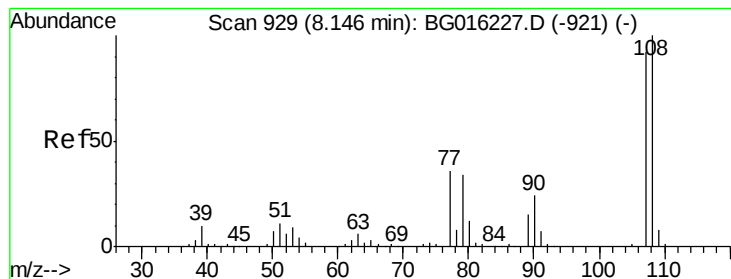
Ion Ratio Lower Upper

45 100

77 16.3 0.0 35.3

79 13.4 0.0 32.3





#17

2-Methylphenol

Concen: 35.55 ng

RT: 8.14 min Scan# 927

Delta R.T. 0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

Tgt Ion:107 Resp: 231667

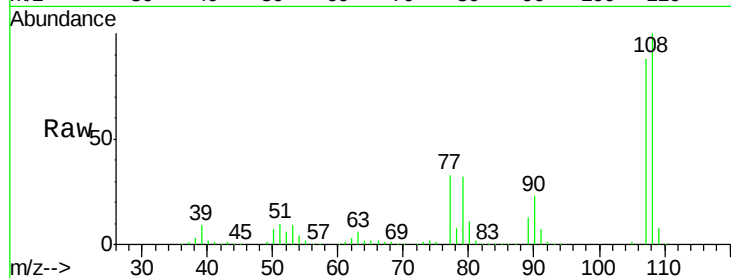
Ion Ratio Lower Upper

107 100

108 113.4 87.2 130.8

77 37.5 31.1 46.7

79 36.6 29.7 44.5

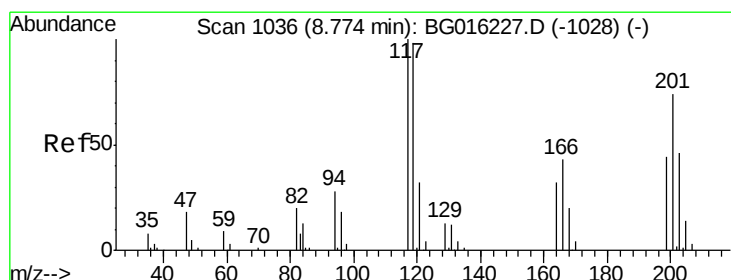
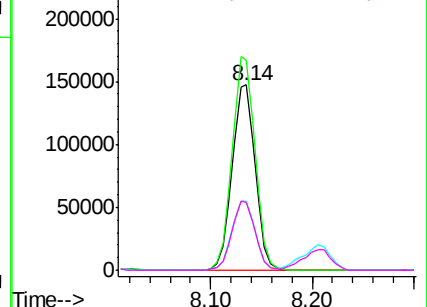
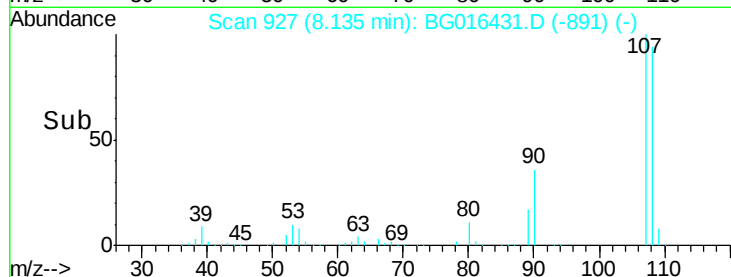


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 31.02 ng

RT: 8.74 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

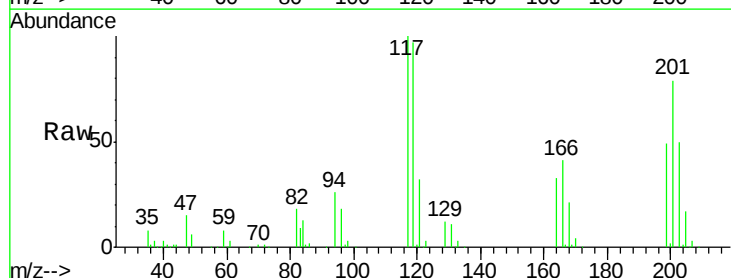
Tgt Ion:117 Resp: 90310

Ion Ratio Lower Upper

117 100

119 97.2 78.8 118.2

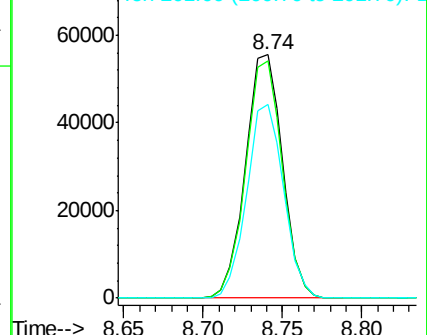
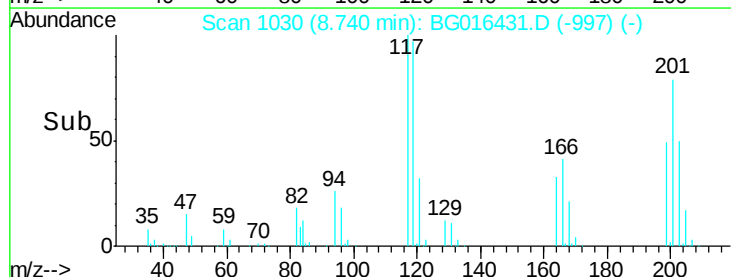
201 79.4 59.0 88.4

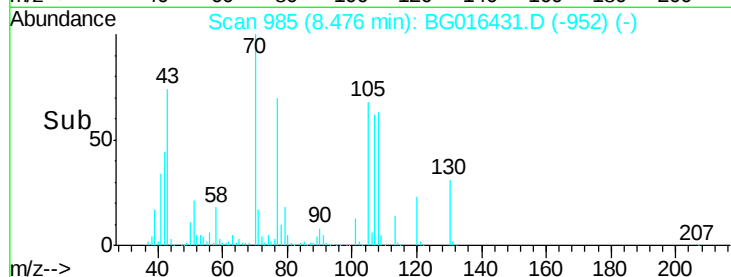
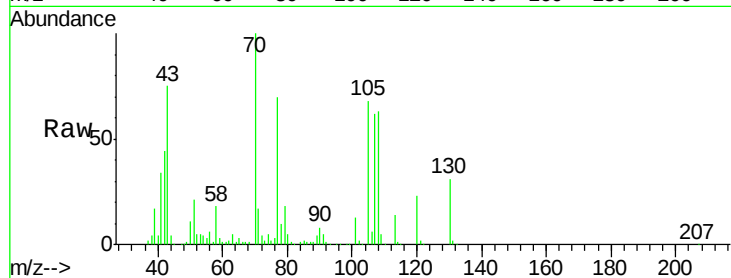
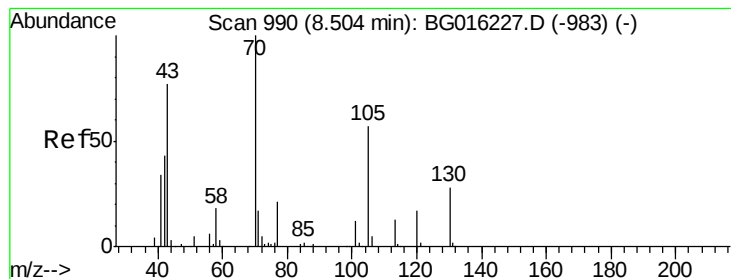


Abundance Ion 117.00 (116.70 to 117.70): E

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: 26.26 ng

RT: 8.48 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

Tgt Ion: 70 Resp: 170899

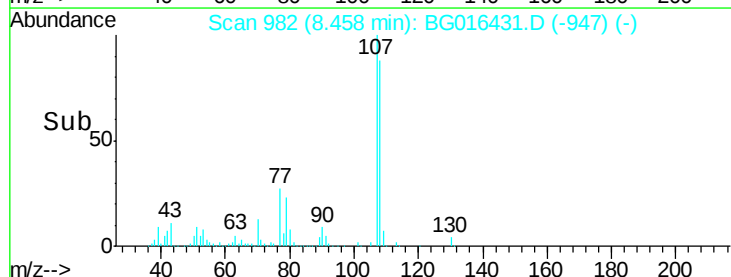
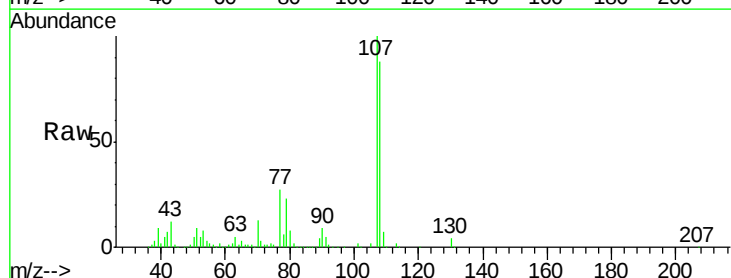
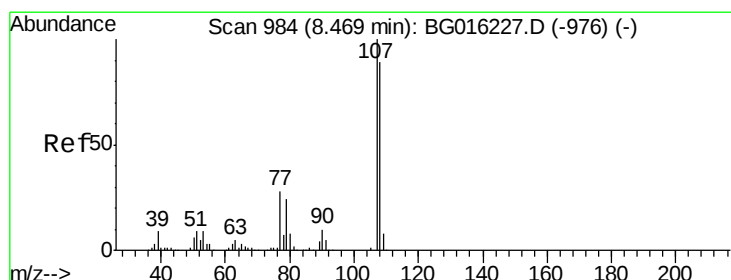
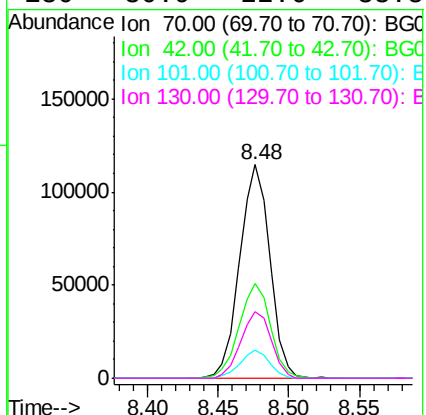
Ion Ratio Lower Upper

70 100

42 44.1 34.7 52.1

101 13.3 9.2 13.8

130 30.9 22.6 33.8



#20

3+4-Methylphenols

Concen: 35.56 ng

RT: 8.46 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Tgt Ion: 107 Resp: 320970

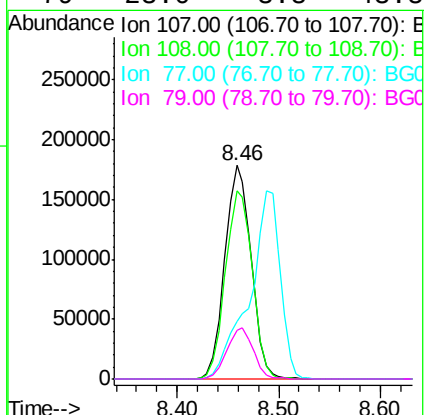
Ion Ratio Lower Upper

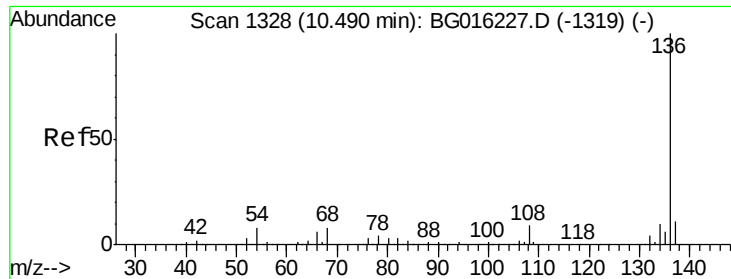
107 100

108 88.2 69.5 109.5

77 26.8 8.2 48.2

79 23.0 3.8 43.8

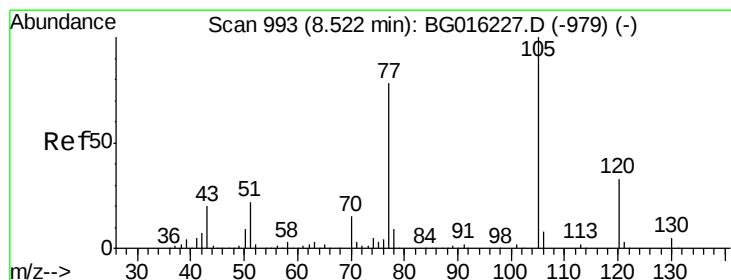
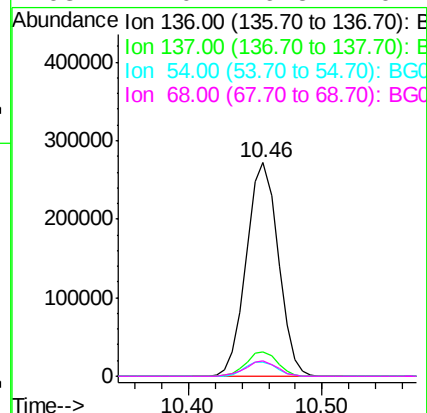
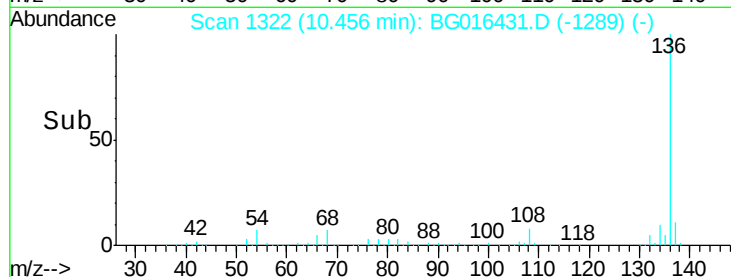
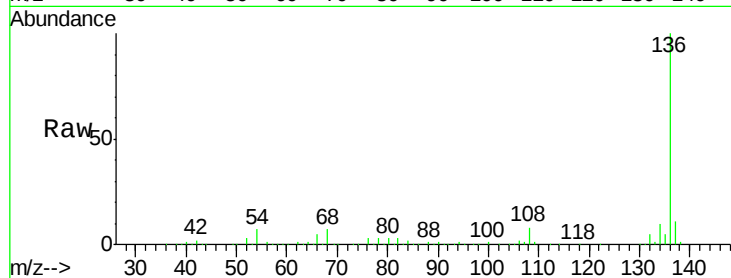




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

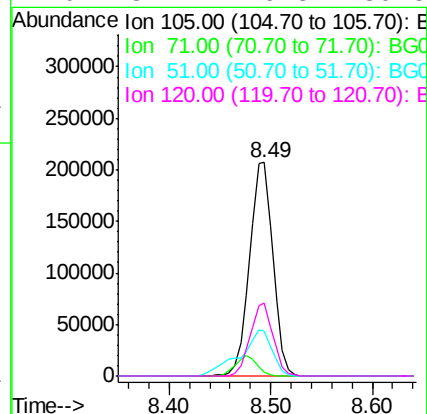
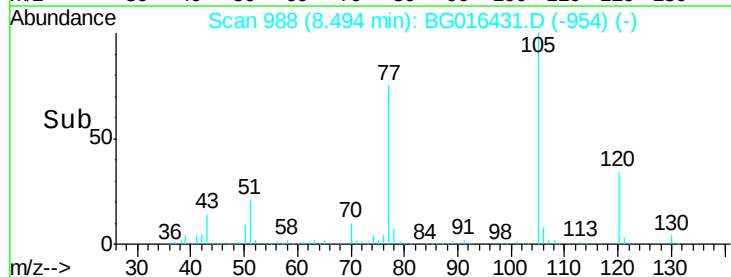
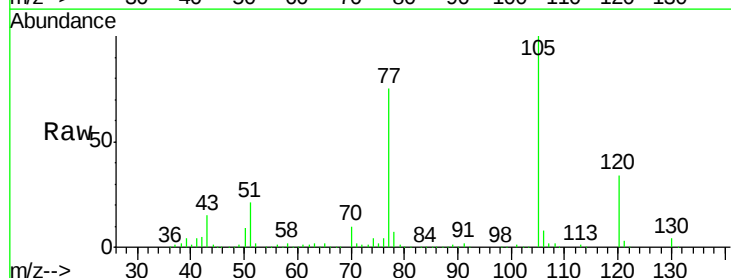
Instrument :
BNA_G
ClientSampleId :
PB82798BSD

Tgt Ion:	136	Resp:	448056
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	6.3	9.5
68	7.0	6.5	9.7



#22
Acetophenone
Concen: 31.95 ng
RT: 8.49 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion:	105	Resp:	331901
Ion	Ratio	Lower	Upper
105	100		
71	1.7	2.0	3.0#
51	21.0	17.9	26.9
120	34.2	26.3	39.5

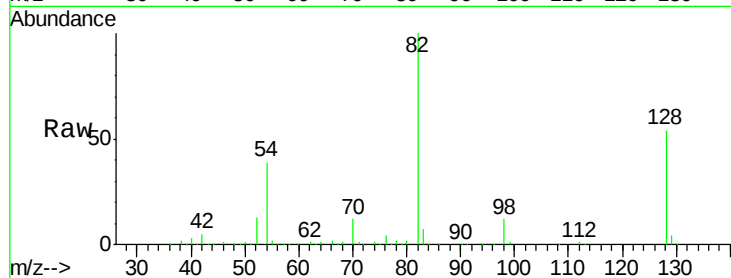




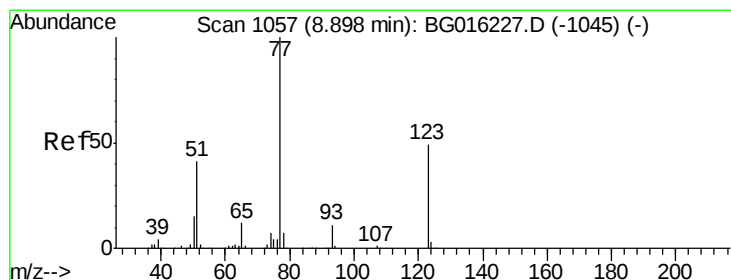
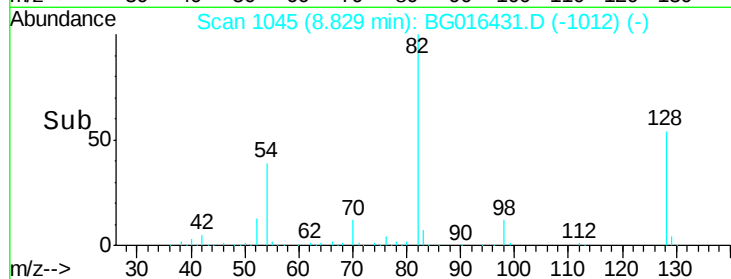
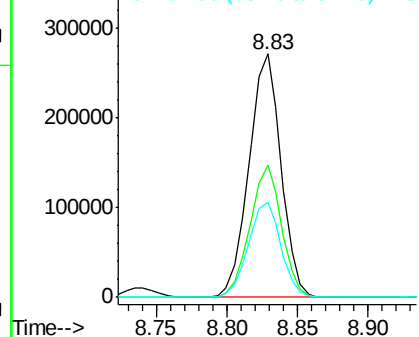
#23
 Nitrobenzene-d5
 Concen: 56.00 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

Tgt Ion: 82 Resp: 433144
 Ion Ratio Lower Upper
 82 100
 128 54.1 37.8 56.8
 54 39.2 32.6 49.0

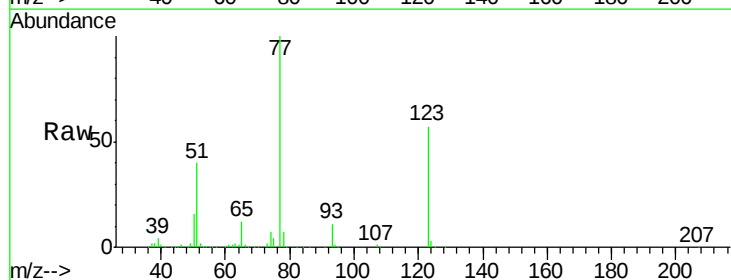


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

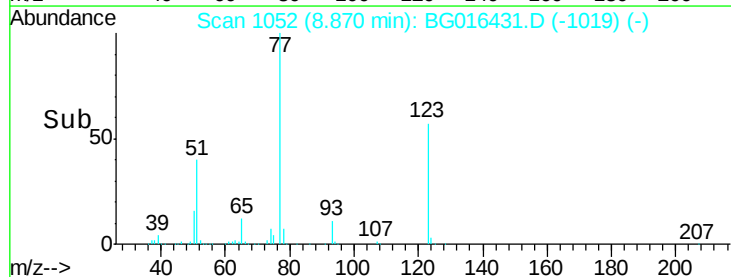
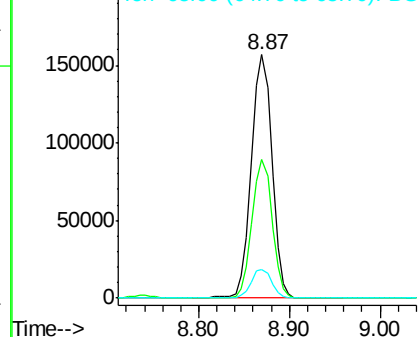


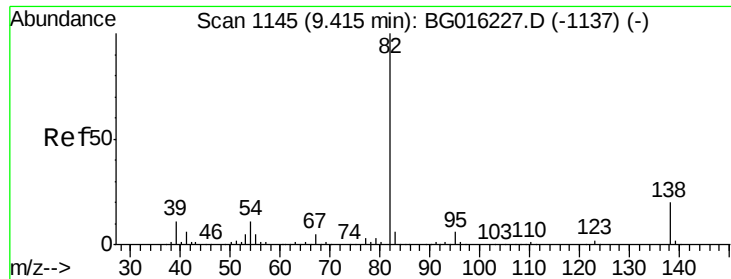
#24
 Nitrobenzene
 Concen: 30.03 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion: 77 Resp: 248419
 Ion Ratio Lower Upper
 77 100
 123 56.9 38.8 58.2
 65 11.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 27.84 ng

RT: 9.39 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

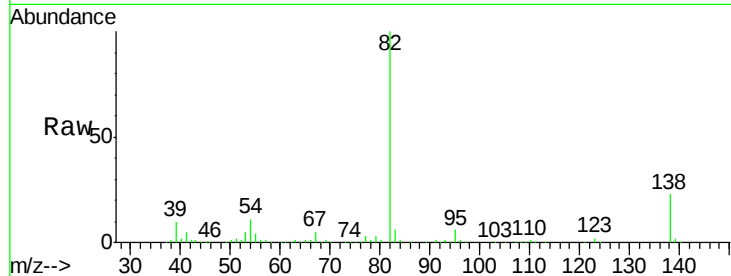
Tgt Ion: 82 Resp: 478178

Ion Ratio Lower Upper

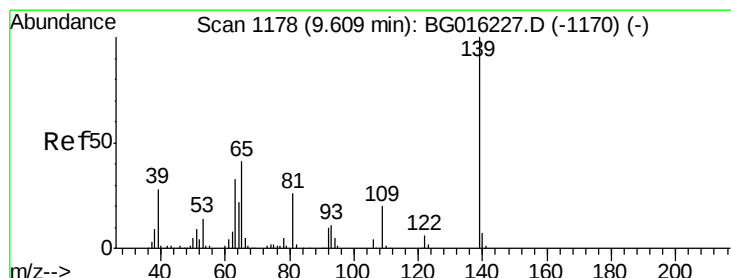
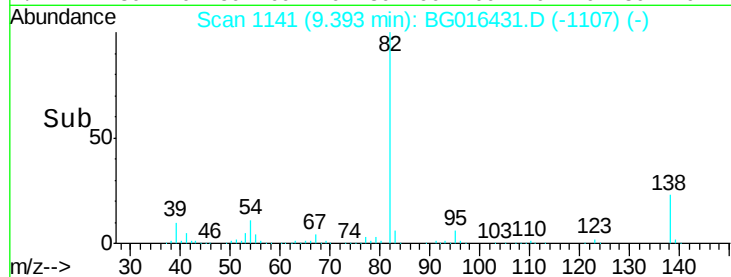
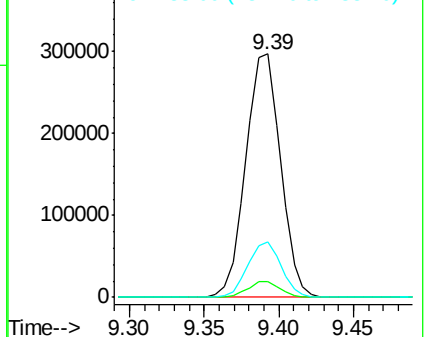
82 100

95 6.3 5.0 7.6

138 22.5 16.2 24.2



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: 39.82 ng

RT: 9.57 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

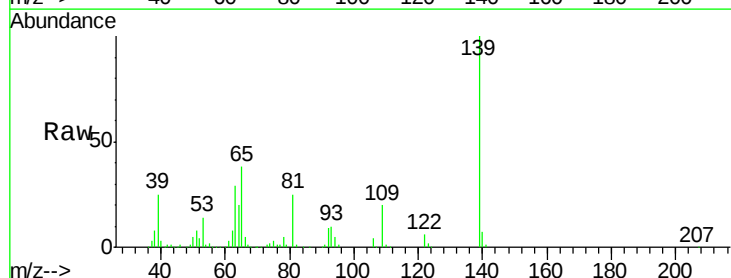
Tgt Ion: 139 Resp: 153564

Ion Ratio Lower Upper

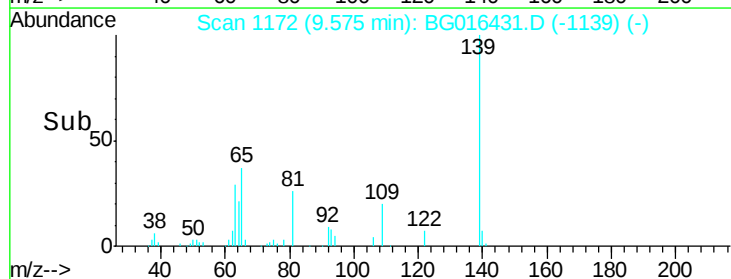
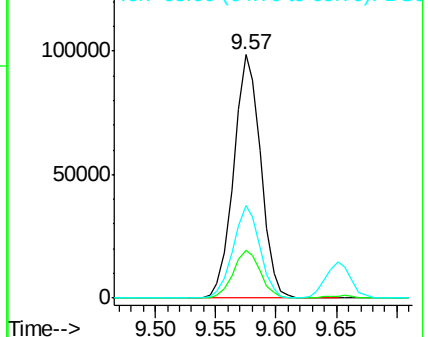
139 100

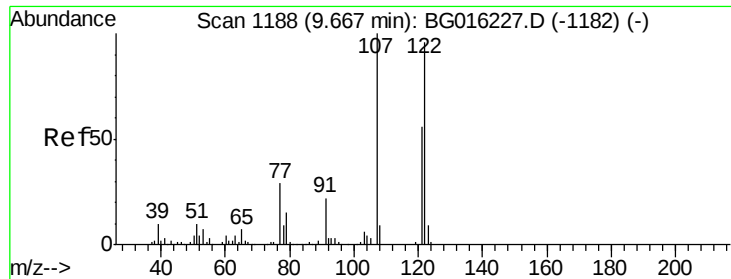
109 19.6 15.9 23.9

65 38.0 32.9 49.3



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

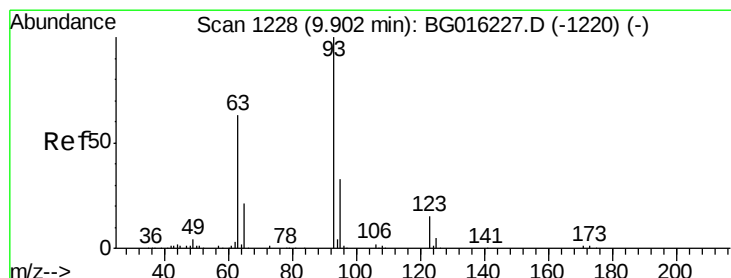
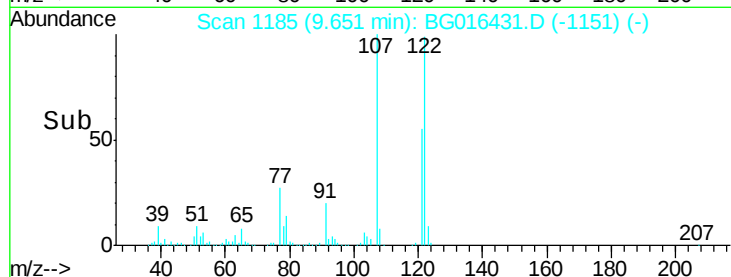
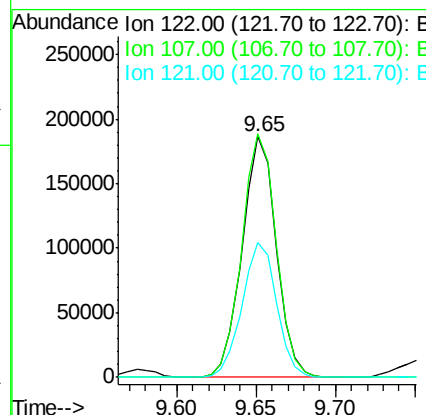
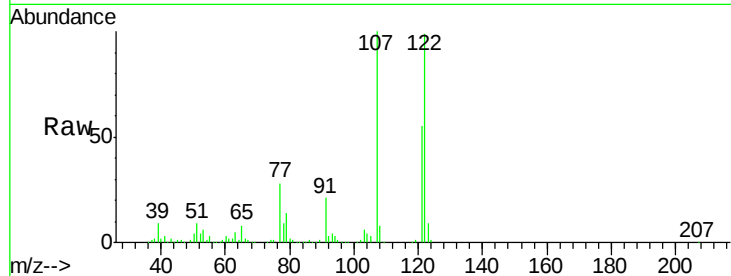




#27
 2,4-Dimethylphenol
 Concen: 38.76 ng
 RT: 9.65 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

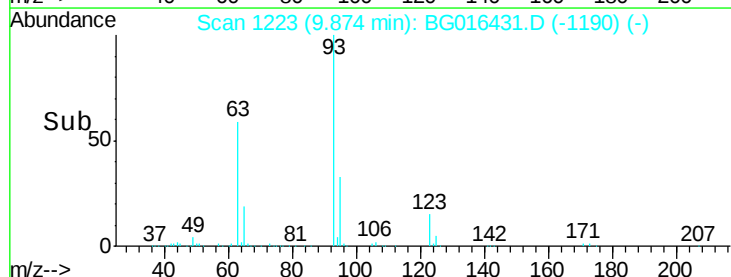
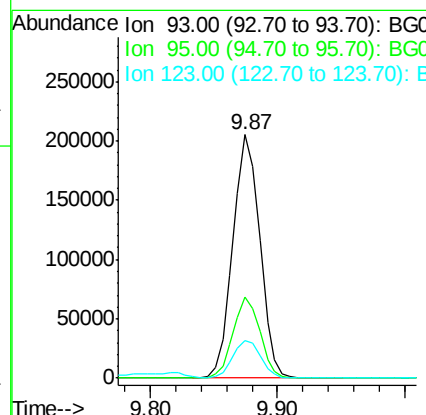
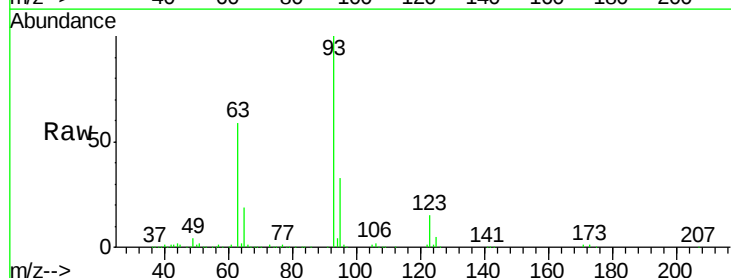
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

Tgt Ion:122 Resp: 278464
 Ion Ratio Lower Upper
 122 100
 107 101.1 83.4 125.2
 121 56.0 46.2 69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.76 ng
 RT: 9.87 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion: 93 Resp: 301582
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.1 39.1
 123 15.4 11.8 17.8

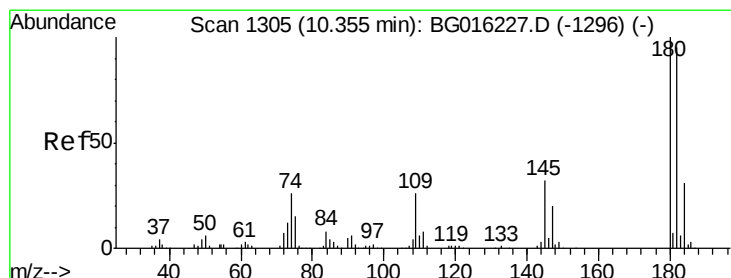
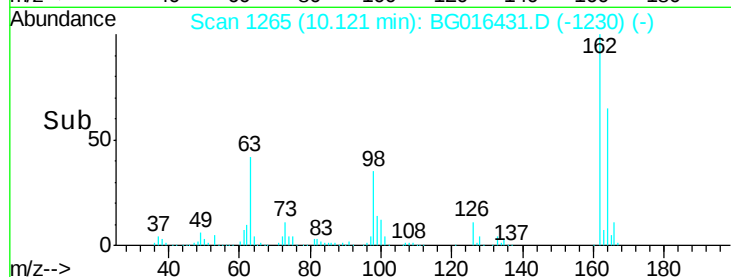
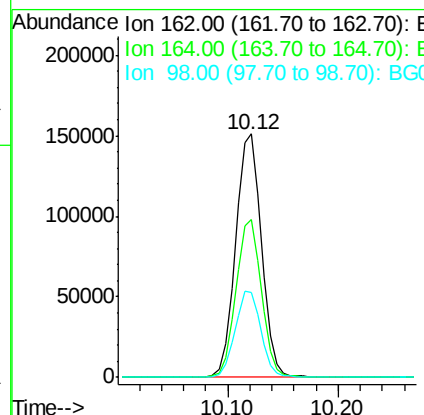
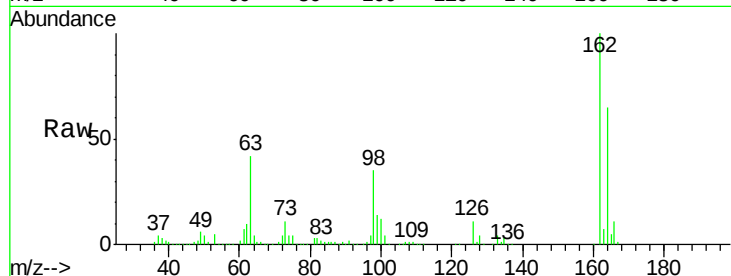




#29
 2,4-Dichlorophenol
 Concen: 43.77 ng
 RT: 10.12 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

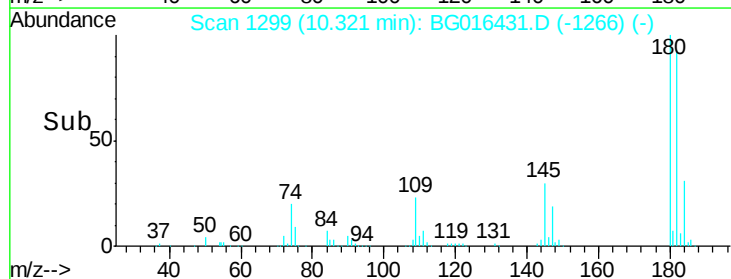
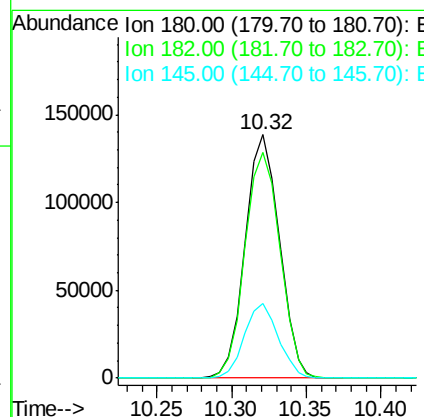
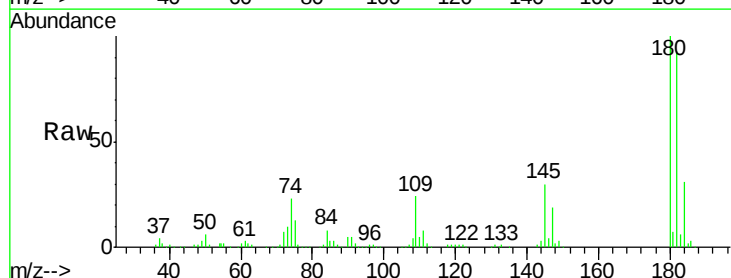
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

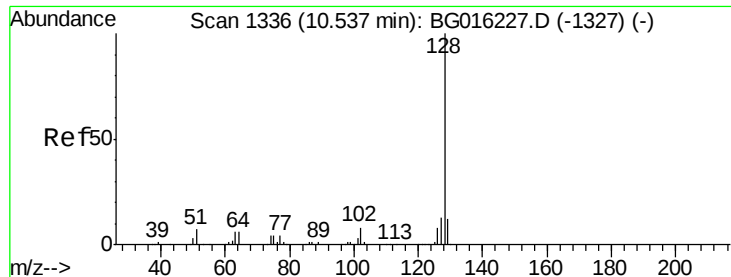
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.0	85.0
98	34.9	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.05 ng
 RT: 10.32 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.3	114.5
145	30.5	25.2	37.8





#31

Naphthalene

Concen: 33.63 ng

RT: 10.50 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

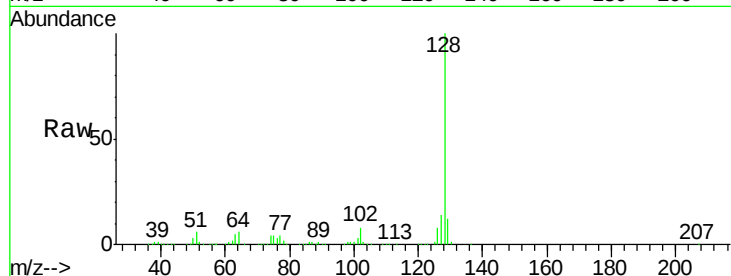
Tgt Ion:128 Resp: 785211

Ion Ratio Lower Upper

128 100

129 11.8 9.2 13.8

127 14.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

600000

500000

400000

300000

200000

100000

0

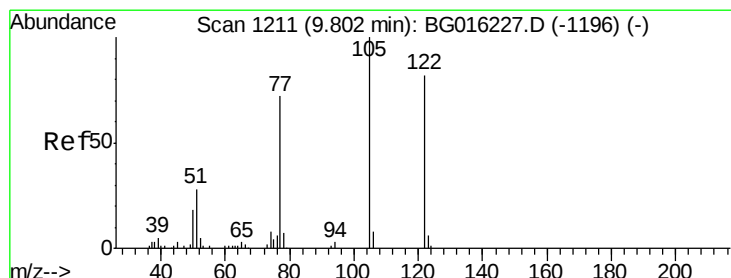
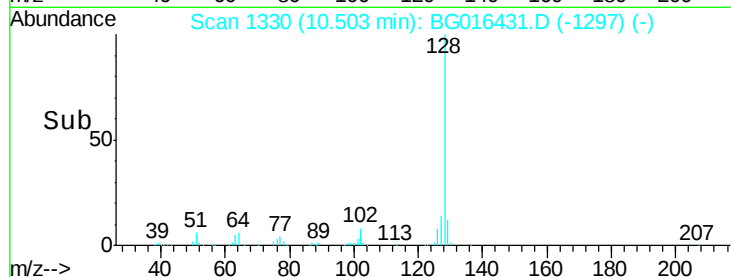
10.50

10.40

10.50

10.60

Time-->



#32

Benzoic acid

Concen: 43.91 ng

RT: 9.82 min Scan# 1213

Delta R.T. 0.03 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

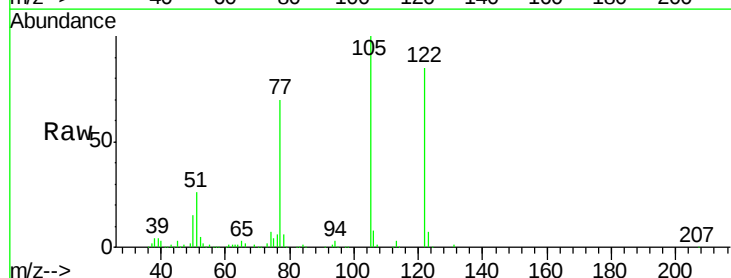
Tgt Ion:122 Resp: 201538

Ion Ratio Lower Upper

122 100

105 118.0 99.7 139.7

77 82.4 66.8 106.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

250000

200000

150000

100000

50000

0

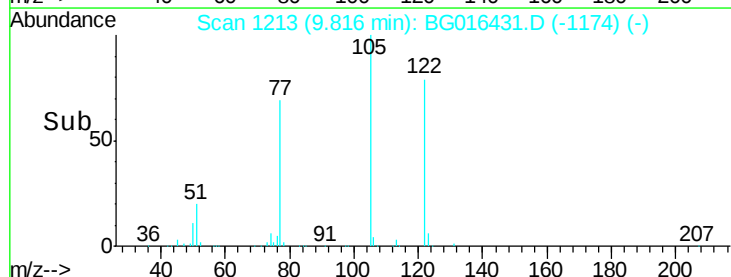
9.82

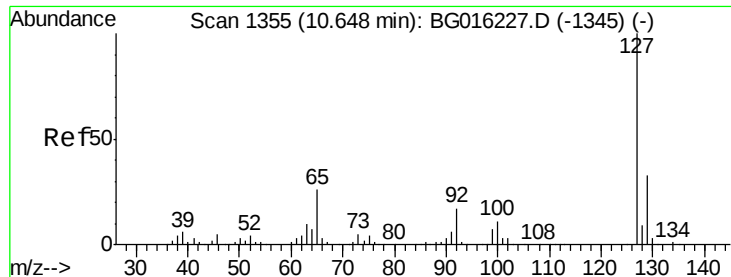
9.70

9.80

9.90

Time-->

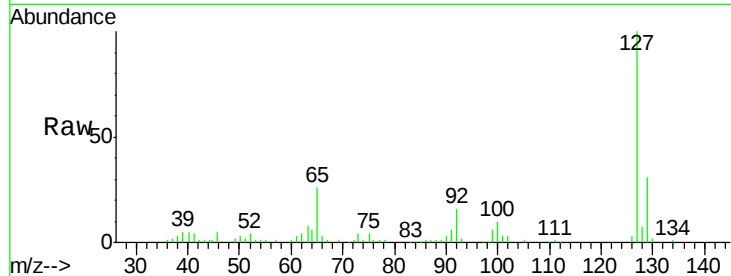




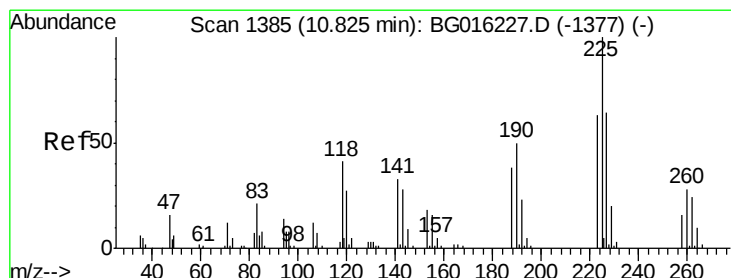
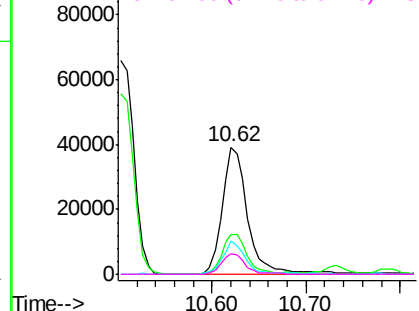
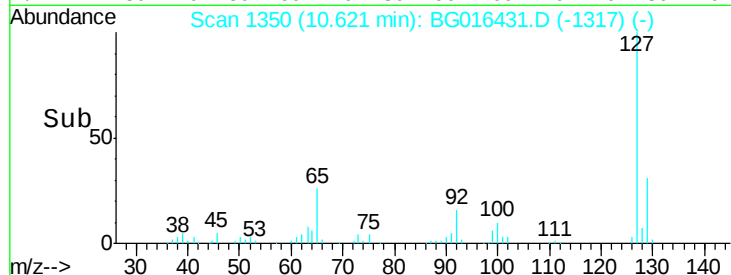
#33
4-Chloroaniline
Concen: 6.77 ng
RT: 10.62 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Instrument :
BNA_G
ClientSampleId :
PB82798BSD

Tgt Ion:127 Resp: 74133
Ion Ratio Lower Upper
127 100
129 31.4 26.1 39.1
65 25.8 21.2 31.8
92 15.7 13.8 20.6

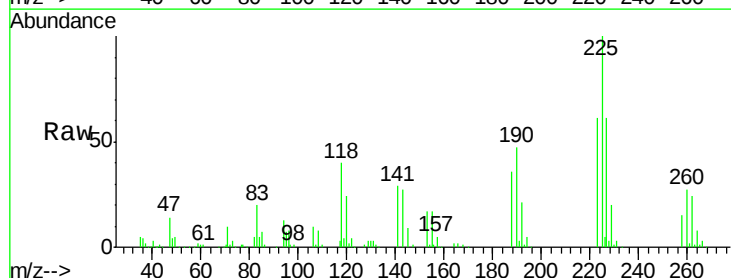


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

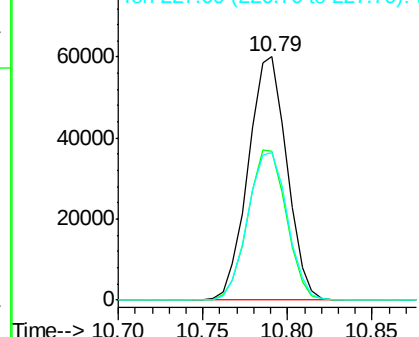
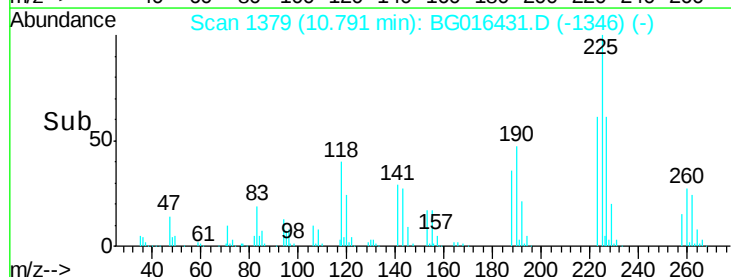


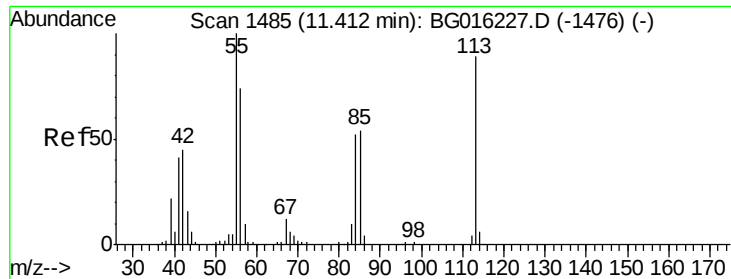
#34
Hexachlorobutadiene
Concen: 36.67 ng
RT: 10.79 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion:225 Resp: 95599
Ion Ratio Lower Upper
225 100
223 61.0 50.4 75.6
227 60.6 51.2 76.8



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





#35

Caprolactam

Concen: 28.17 ng

RT: 11.41 min Scan# 1485

Delta R.T. 0.02 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

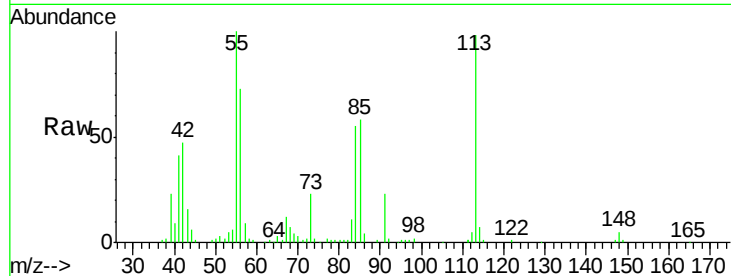
Tgt Ion:113 Resp: 100809

Ion Ratio Lower Upper

113 100

55 102.0 92.4 132.4

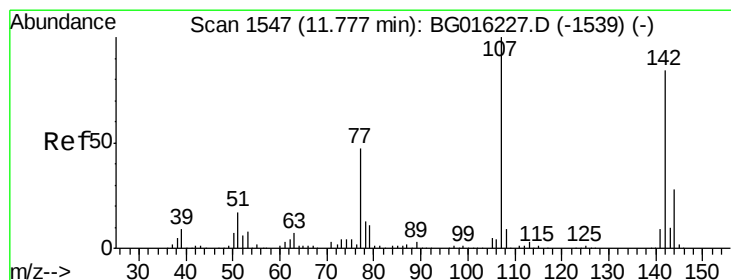
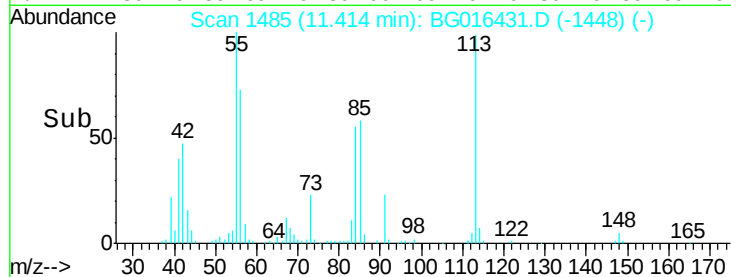
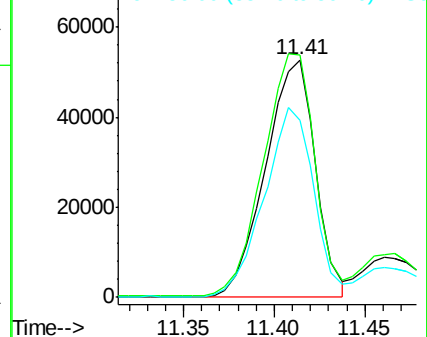
56 74.7 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.21 ng

RT: 11.77 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

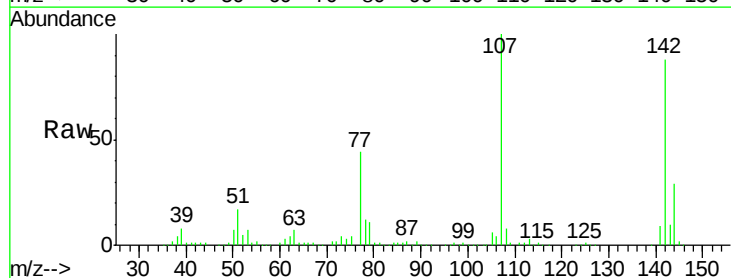
Tgt Ion:107 Resp: 294419

Ion Ratio Lower Upper

107 100

144 29.1 22.0 33.0

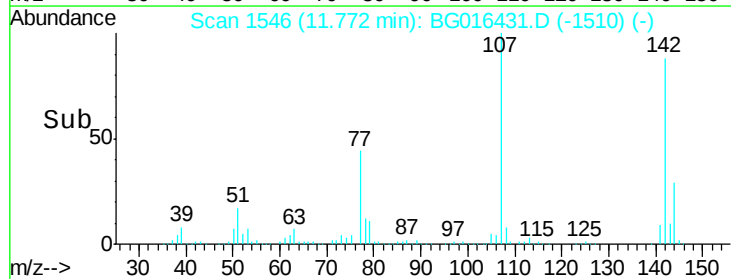
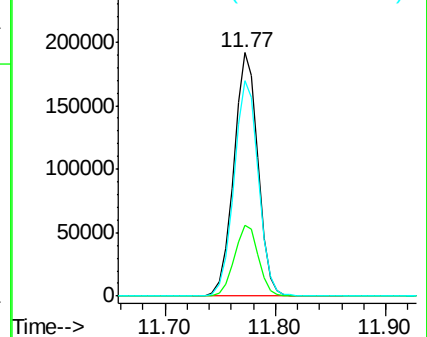
142 88.5 67.0 100.6

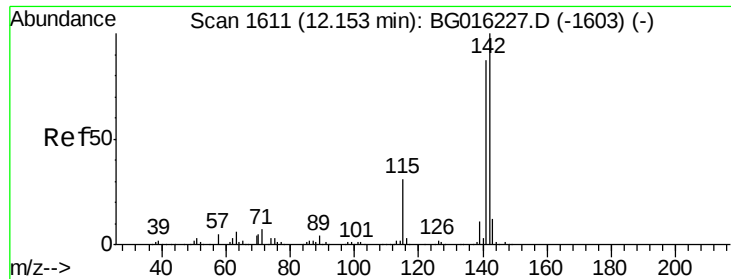


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

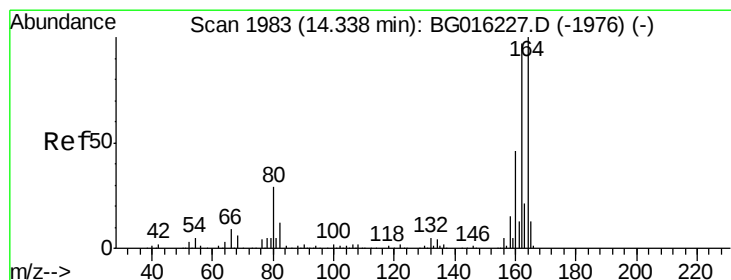
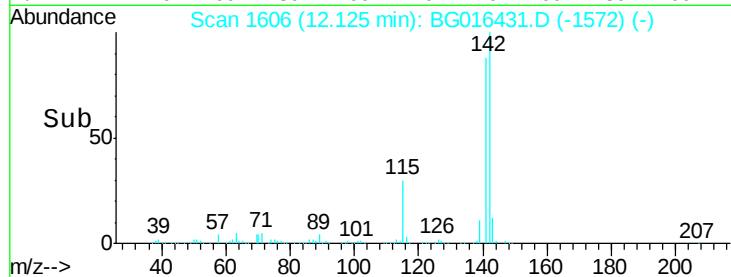
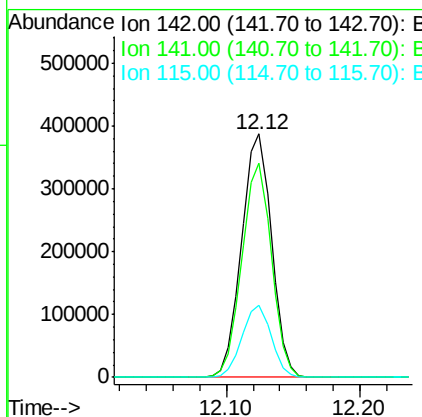
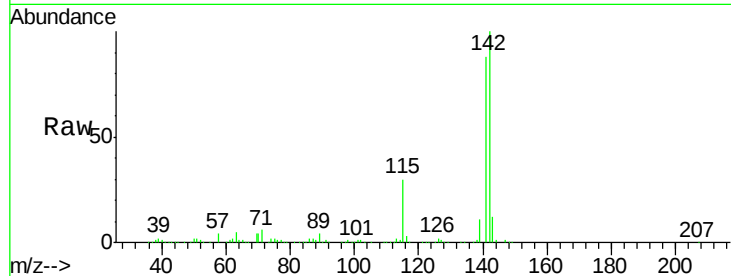




#37
 2-Methylnaphthalene
 Concen: 35.75 ng
 RT: 12.12 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

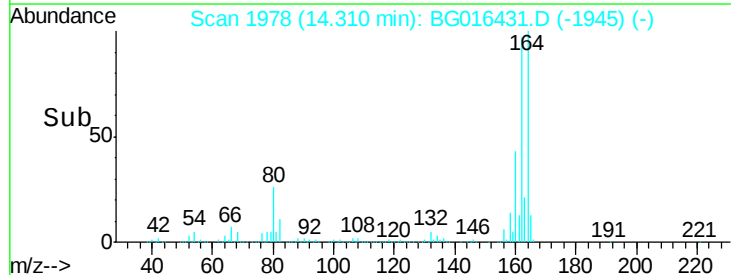
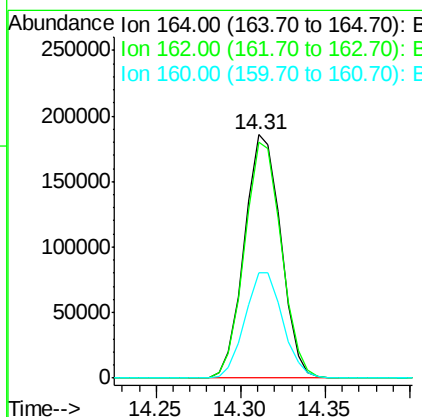
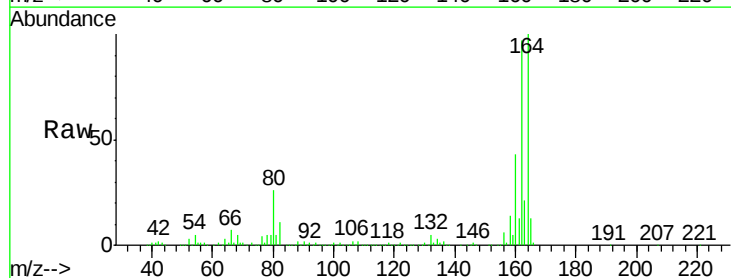
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

Tgt Ion:142 Resp: 600372
 Ion Ratio Lower Upper
 142 100
 141 87.9 69.3 103.9
 115 29.8 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion:164 Resp: 278752
 Ion Ratio Lower Upper
 164 100
 162 96.9 77.3 115.9
 160 43.3 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.18 ng

RT: 12.49 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

Tgt Ion:216 Resp: 215892

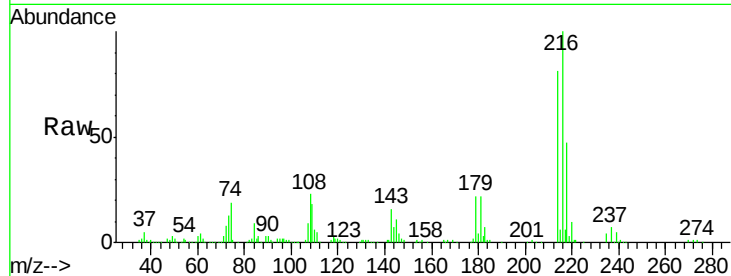
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 22.2 18.2 27.2

108 25.6 21.2 31.8

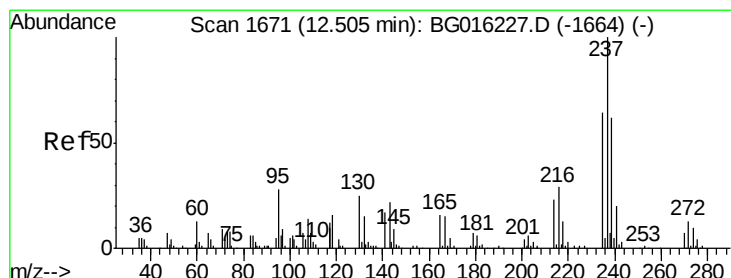
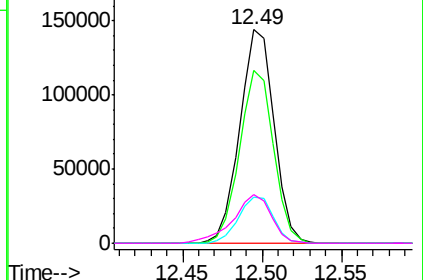
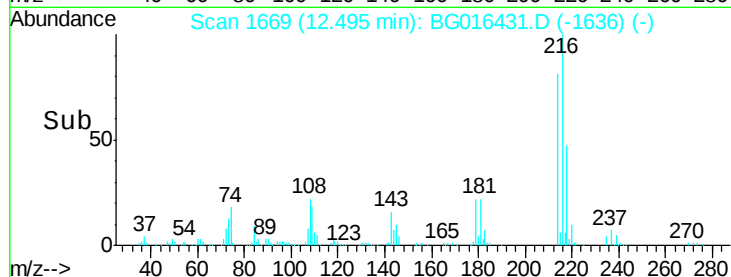


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.66 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

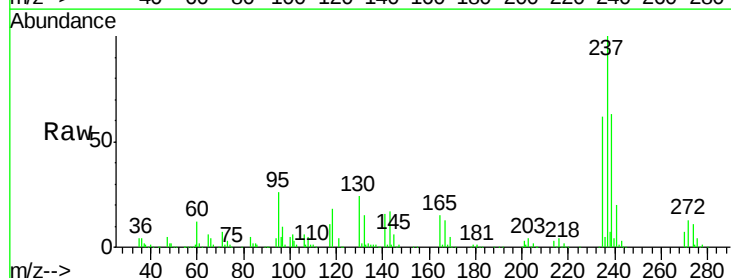
Tgt Ion:237 Resp: 195675

Ion Ratio Lower Upper

237 100

235 62.3 43.9 83.9

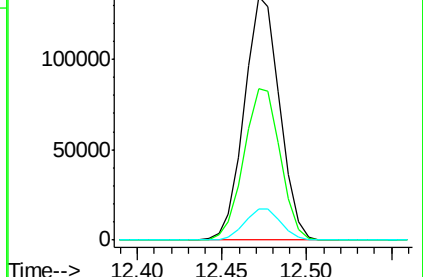
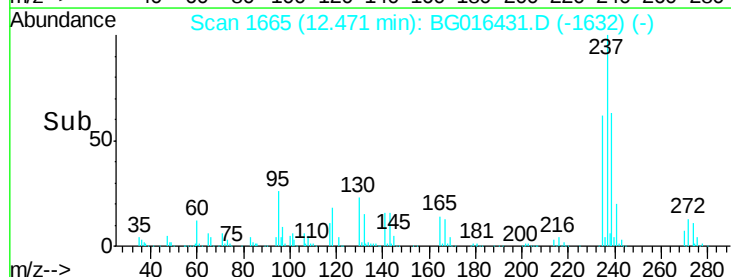
272 12.7 0.0 33.1

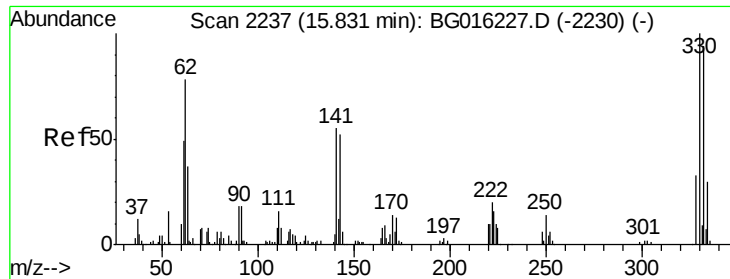


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

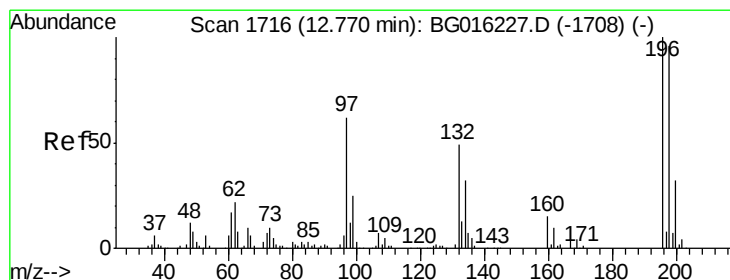
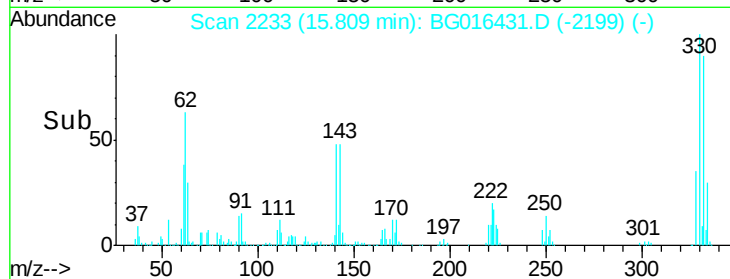
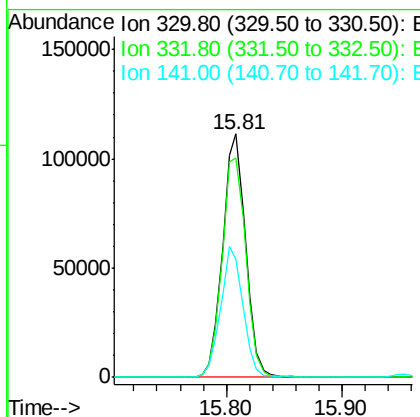
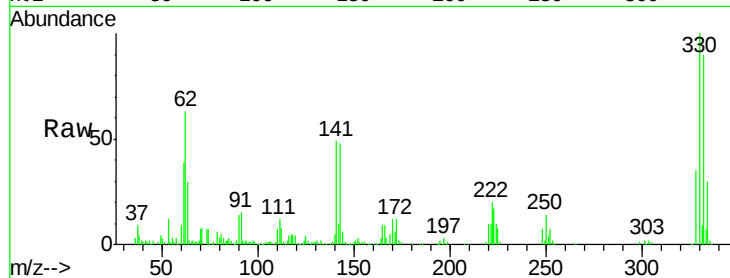




#41
 2,4,6-Tribromophenol
 Concen: 81.23 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

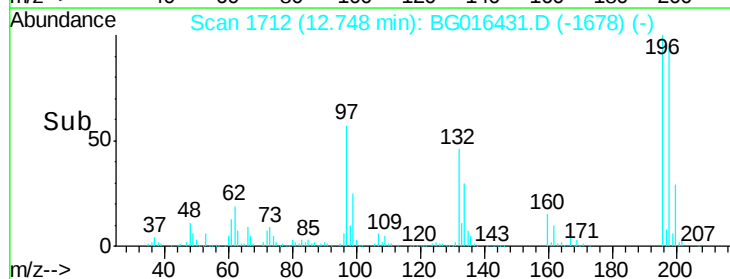
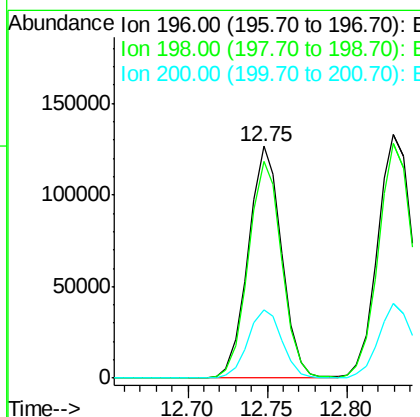
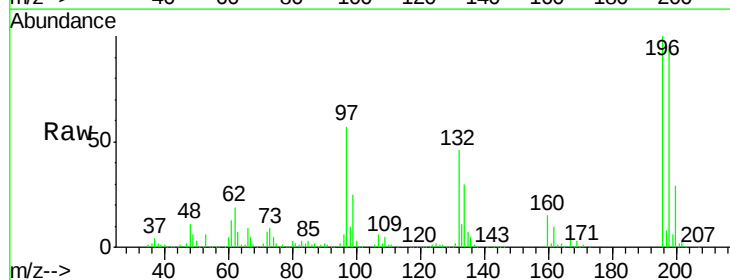
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

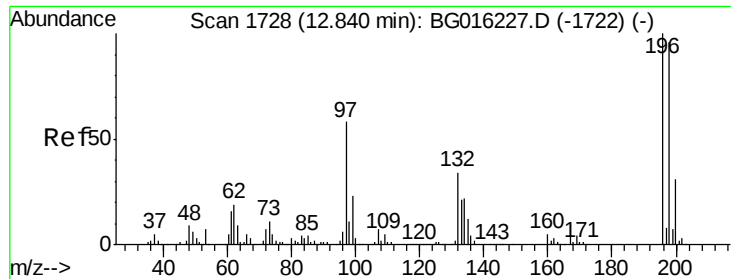
Tgt Ion:330 Resp: 153137
 Ion Ratio Lower Upper
 330 100
 332 94.1 75.8 113.6
 141 52.5 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.67 ng
 RT: 12.75 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion:196 Resp: 185473
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.2 115.8
 200 29.4 25.3 37.9

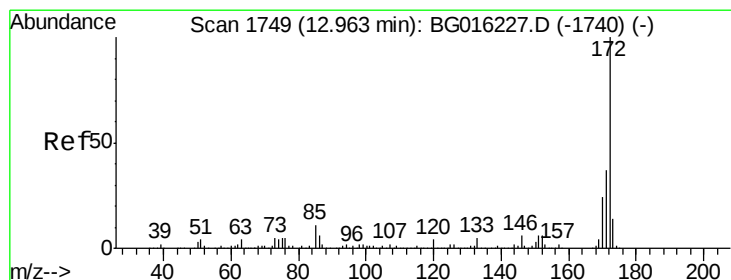
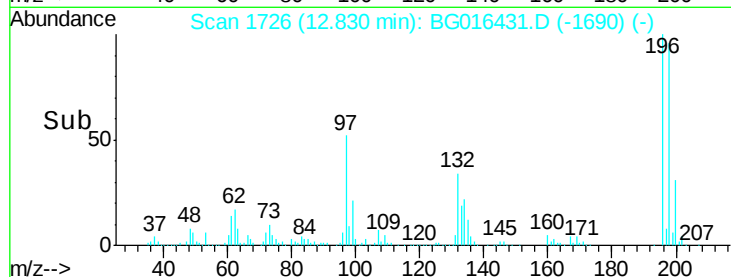
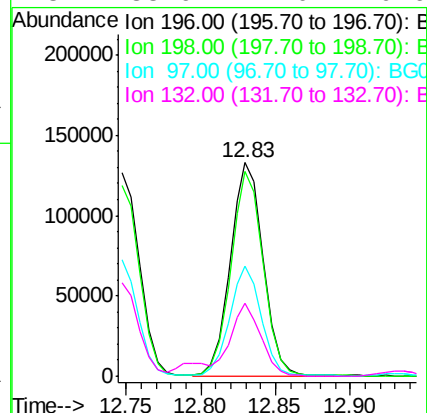
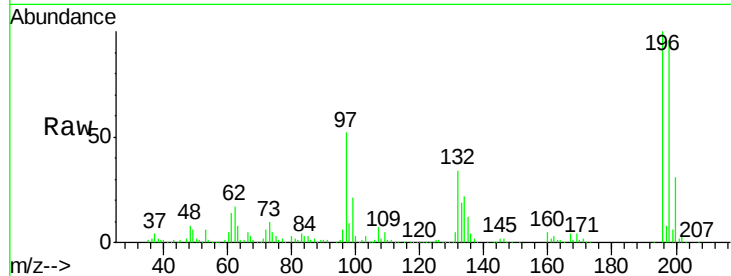




#43
 2,4,5-Trichlorophenol
 Concen: 41.88 ng
 RT: 12.83 min Scan# 1726
 Delta R.T. 0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

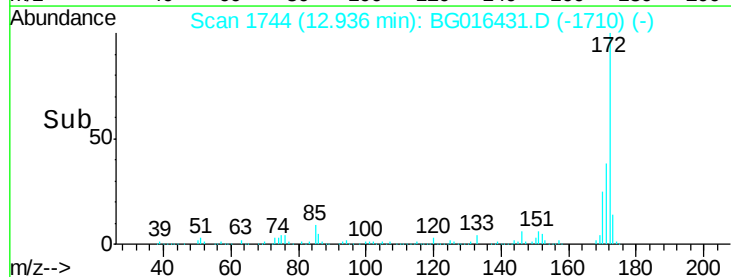
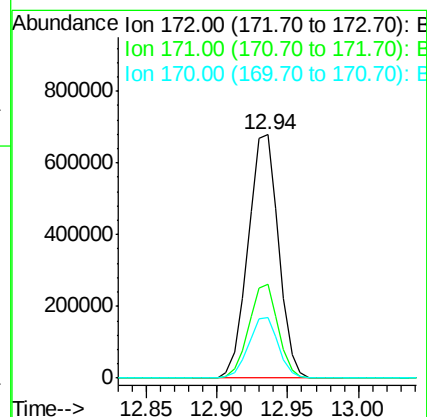
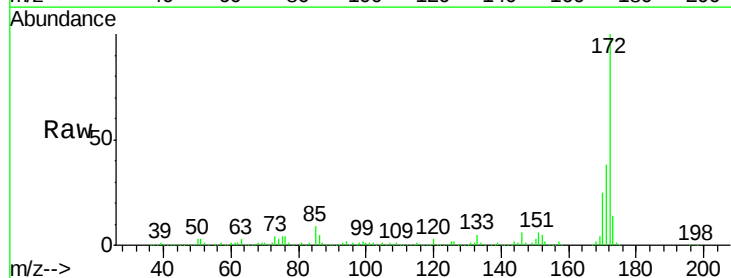
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

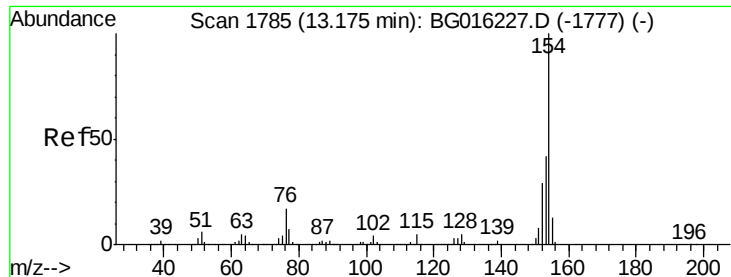
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.1	115.7
97	51.8	46.6	69.8
132	33.9	27.0	40.6



#44
 2-Fluorobiphenyl
 Concen: 62.58 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.6	44.4
170	24.9	19.4	29.2

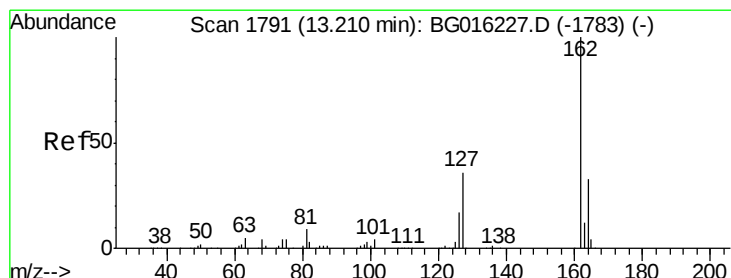
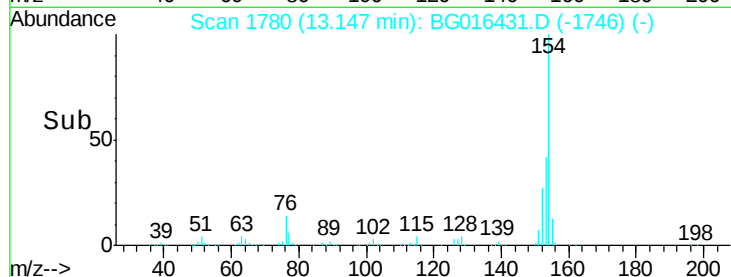
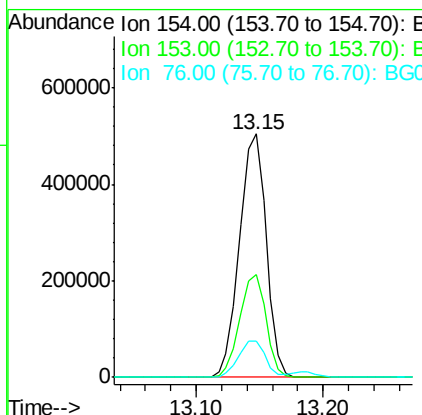
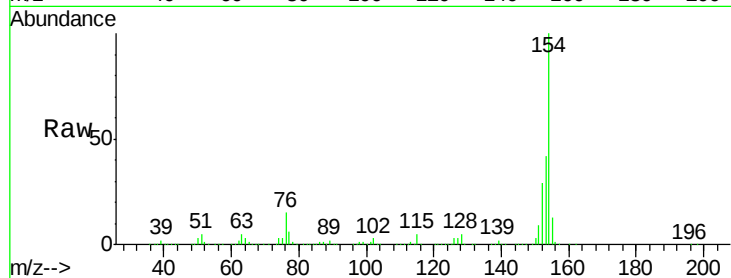




#45
 1,1'-Biphenyl
 Concen: 34.40 ng
 RT: 13.15 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

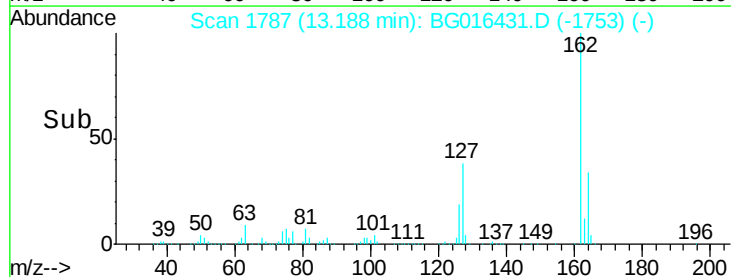
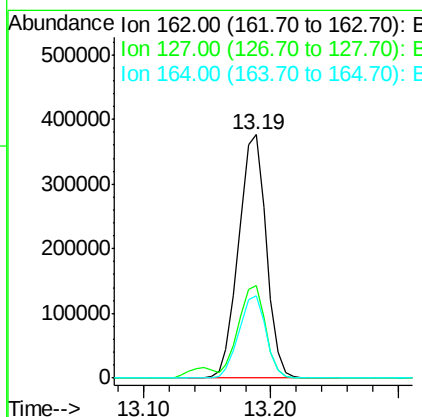
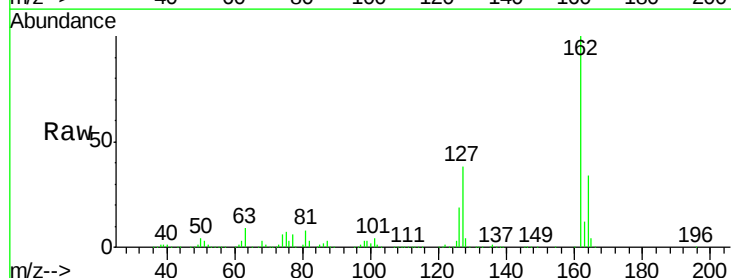
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

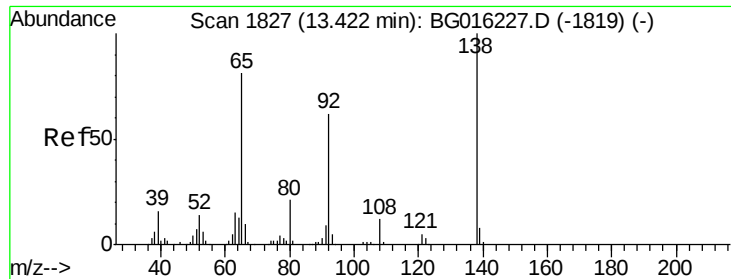
Tgt Ion:154 Resp: 735601
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.4 62.4
 76 15.0 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 34.68 ng
 RT: 13.19 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion:162 Resp: 564850
 Ion Ratio Lower Upper
 162 100
 127 38.2 30.8 46.2
 164 33.8 26.6 40.0





#47

2-Nitroaniline

Concen: 32.66 ng

RT: 13.40 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

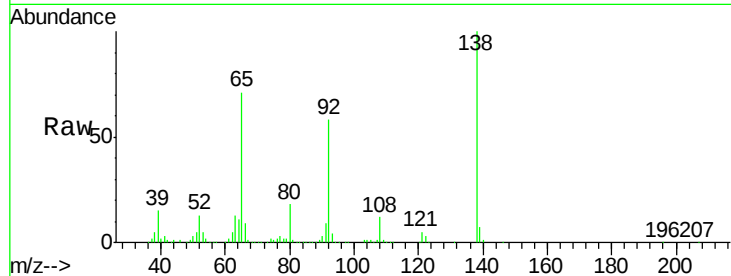
Tgt Ion: 65 Resp: 171457

Ion Ratio Lower Upper

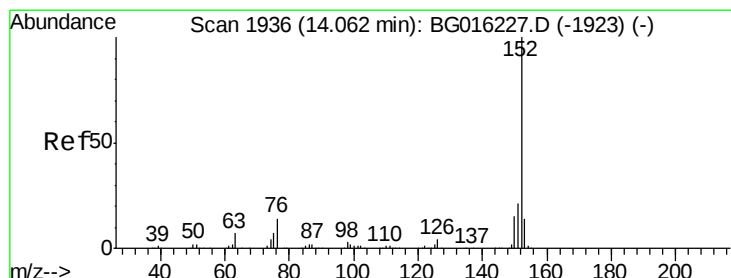
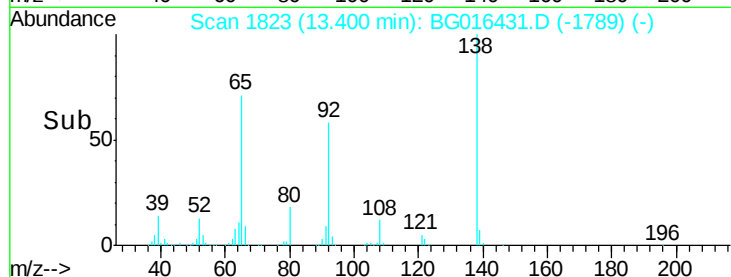
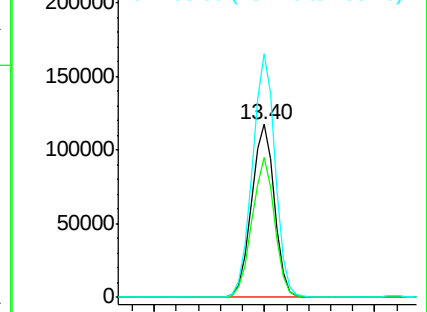
65 100

92 81.2 61.0 91.6

138 140.9 98.7 148.1



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



#48

Acenaphthylene

Concen: 33.35 ng

RT: 14.03 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

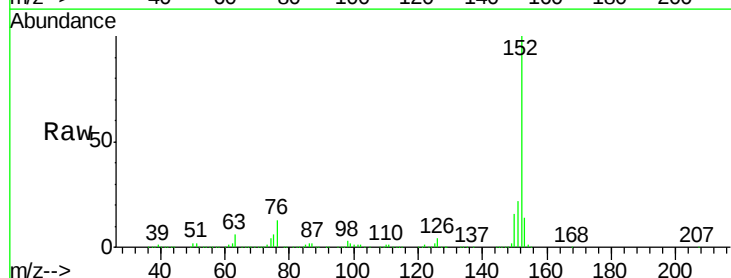
Tgt Ion: 152 Resp: 966009

Ion Ratio Lower Upper

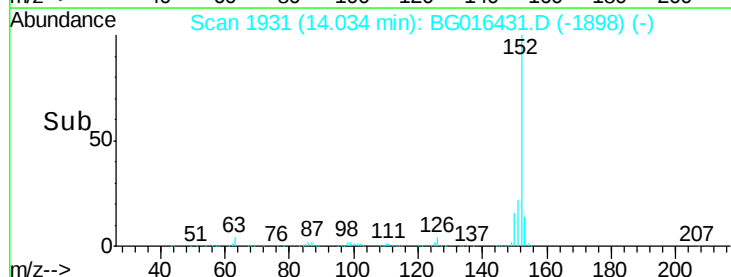
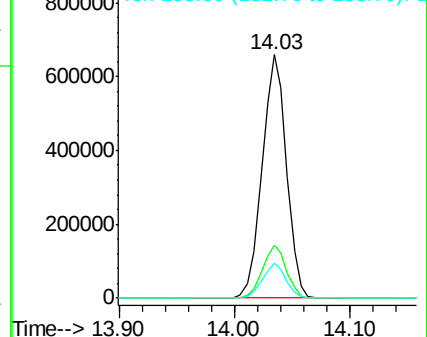
152 100

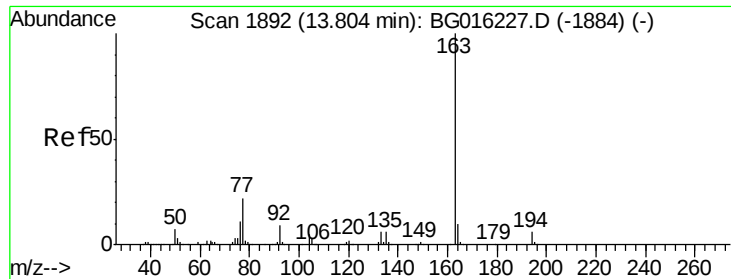
151 22.0 16.5 24.7

153 14.3 11.1 16.7



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





#49

Dimethylphthalate

Concen: 32.20 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

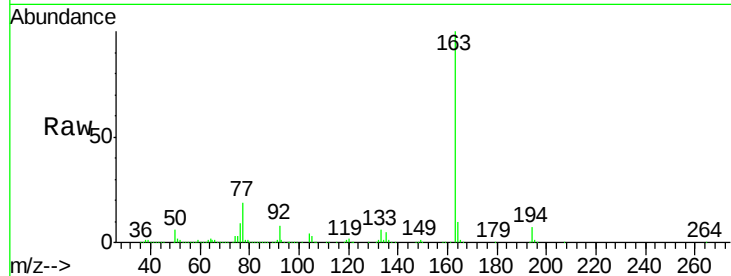
Tgt Ion:163 Resp: 657754

Ion Ratio Lower Upper

163 100

194 6.5 5.0 7.4

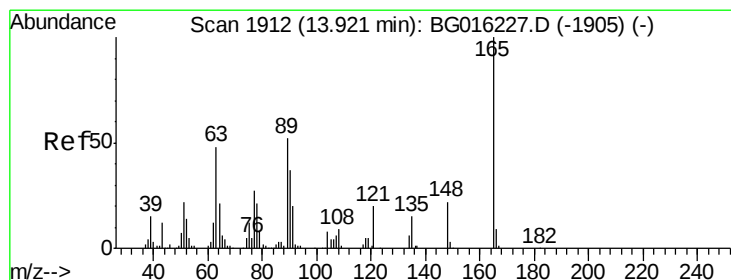
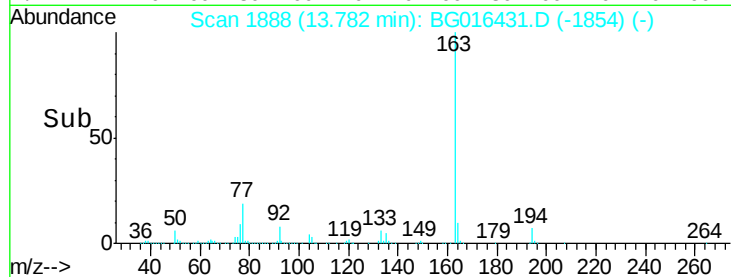
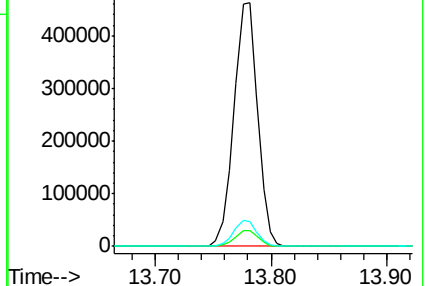
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.28 ng

RT: 13.90 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

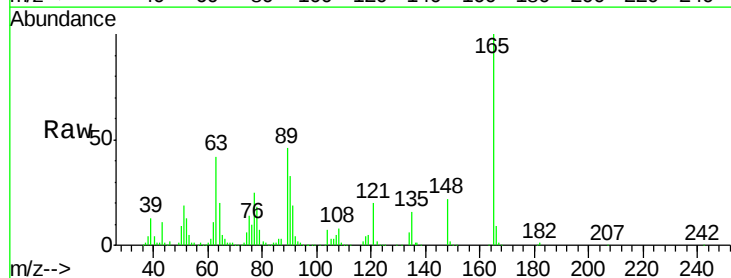
Tgt Ion:165 Resp: 174336

Ion Ratio Lower Upper

165 100

63 42.2 39.3 58.9

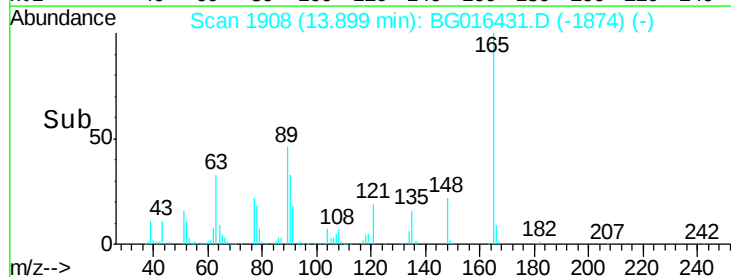
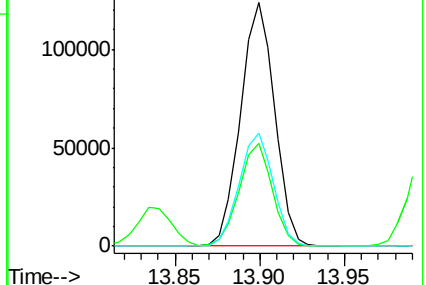
89 46.2 41.3 61.9

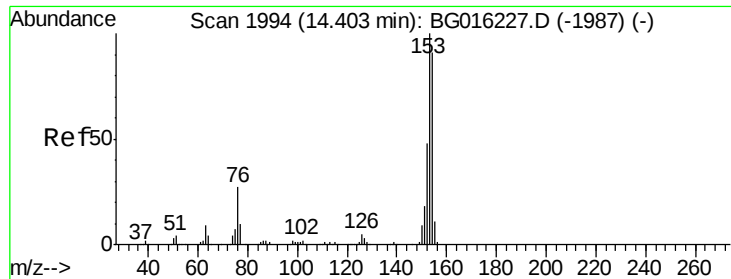


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 34.18 ng

RT: 14.38 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

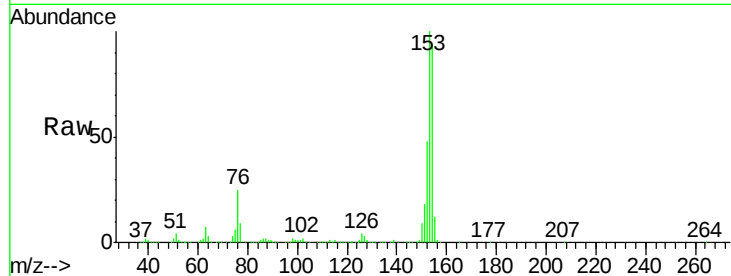
Tgt Ion:154 Resp: 591673

Ion Ratio Lower Upper

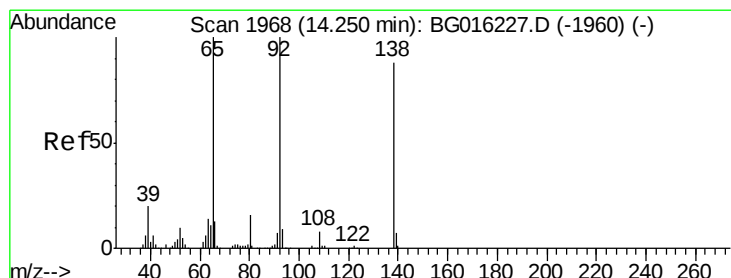
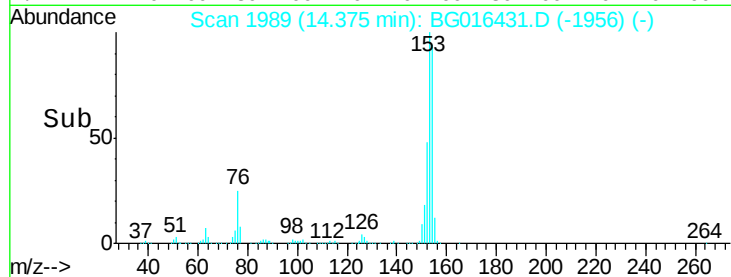
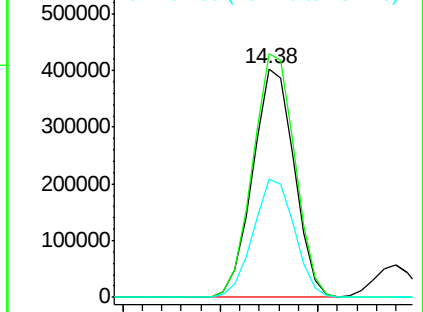
154 100

153 106.6 87.5 131.3

152 51.5 42.1 63.1



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: 17.30 ng

RT: 14.23 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

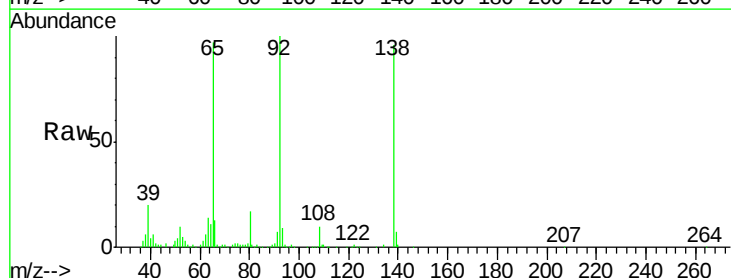
Tgt Ion:138 Resp: 109149

Ion Ratio Lower Upper

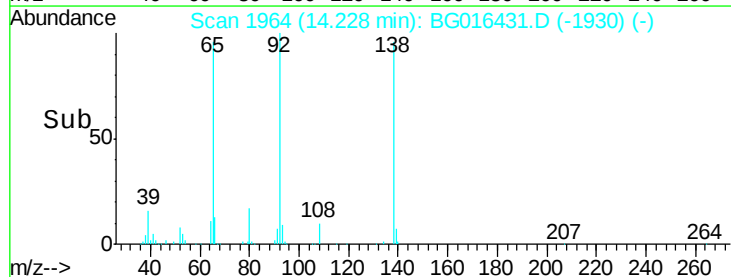
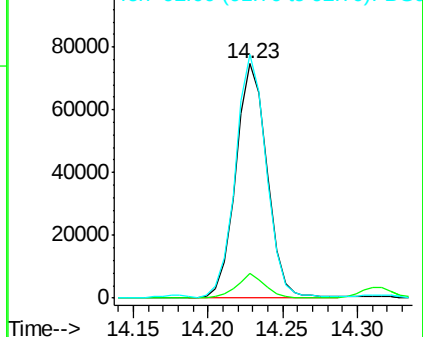
138 100

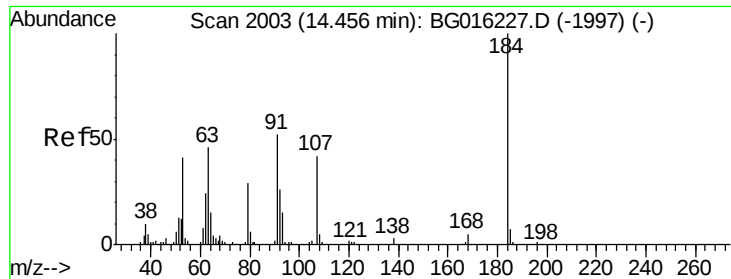
108 10.7 7.4 11.0

92 104.0 91.4 137.0



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): BGO

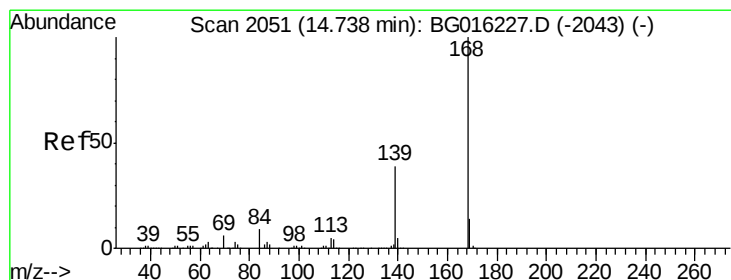
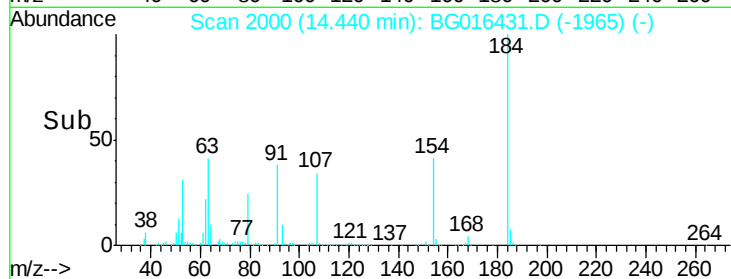
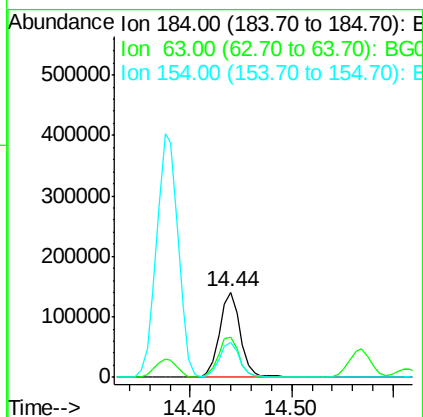
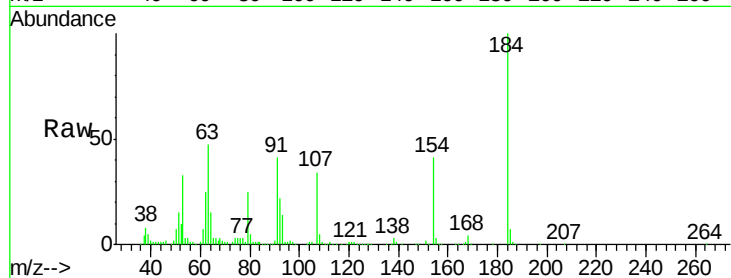




#53
2,4-Dinitrophenol
Concen: 71.90 ng
RT: 14.44 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

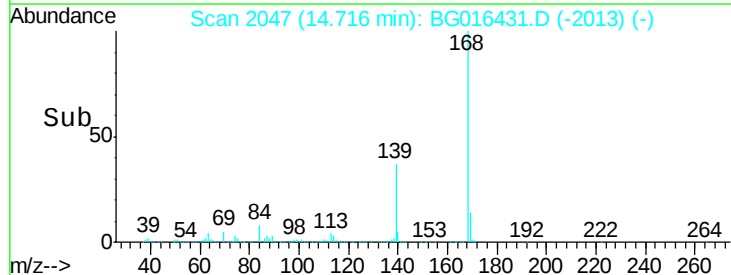
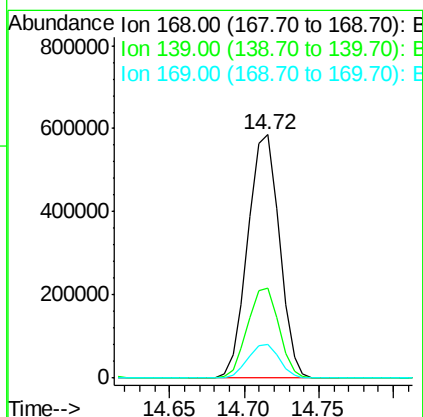
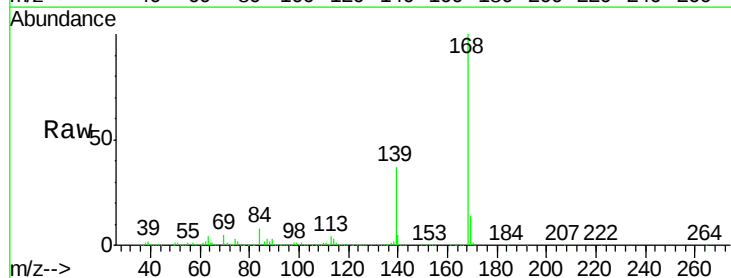
Instrument :
BNA_G
ClientSampleId :
PB82798BSD

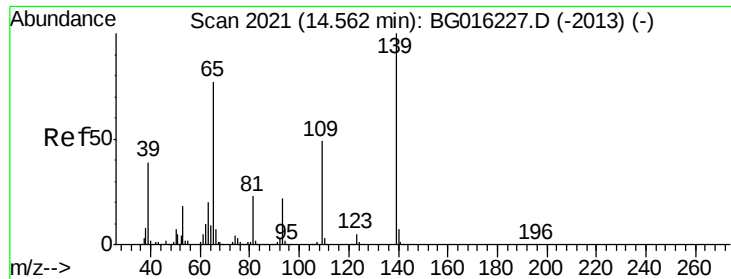
Tgt Ion:184 Resp: 202926
Ion Ratio Lower Upper
184 100
63 47.1 45.8 68.6
154 41.0 34.5 51.7



#54
Dibenzofuran
Concen: 35.67 ng
RT: 14.72 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion:168 Resp: 856722
Ion Ratio Lower Upper
168 100
139 36.8 31.0 46.6
169 13.6 11.2 16.8





#55

4-Nitrophenol

Concen: 68.73 ng

RT: 14.57 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

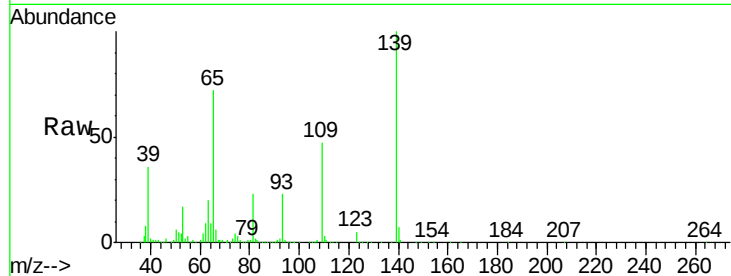
Tgt Ion:139 Resp: 358414

Ion Ratio Lower Upper

139 100

109 47.4 28.5 68.5

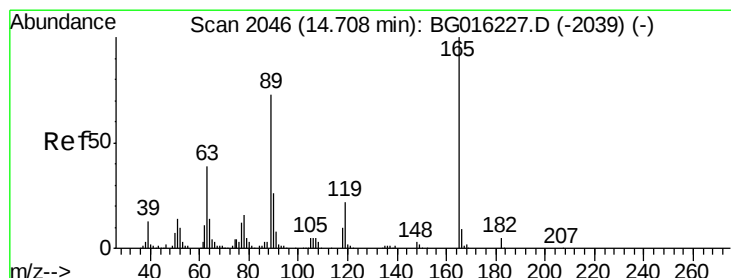
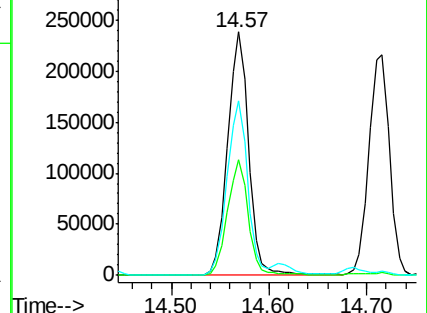
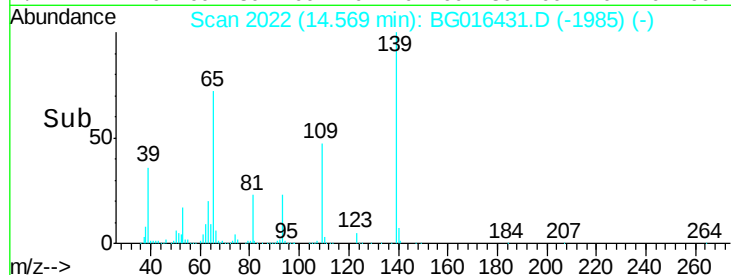
65 71.9 56.9 96.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 35.92 ng

RT: 14.69 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Tgt Ion:165 Resp: 241765

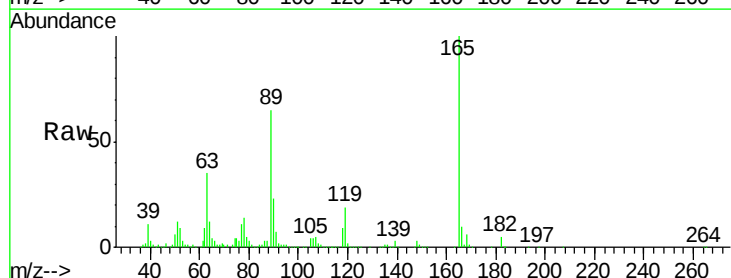
Ion Ratio Lower Upper

165 100

63 35.3 31.4 47.2

89 65.1 58.8 88.2

182 4.9 4.1 6.1

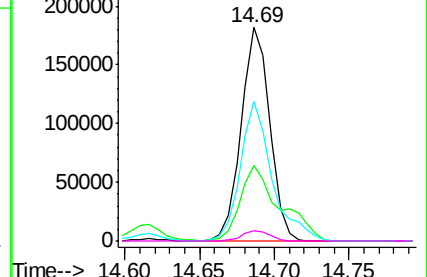
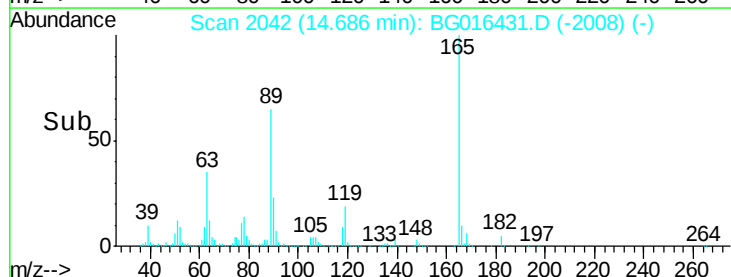


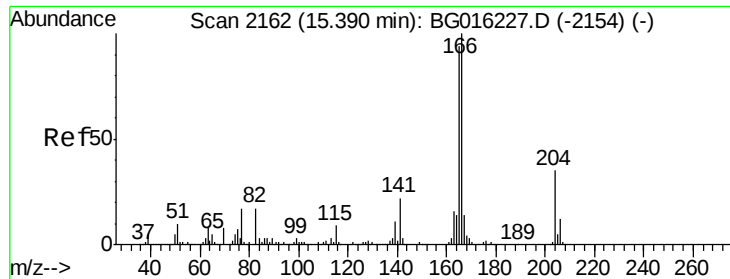
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.33 ng

RT: 15.36 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

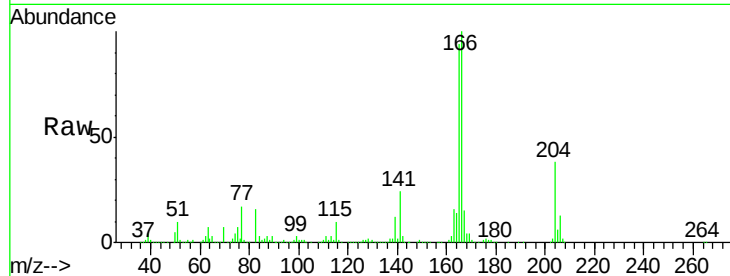
Tgt Ion:166 Resp: 748694

Ion Ratio Lower Upper

166 100

165 94.1 75.2 112.8

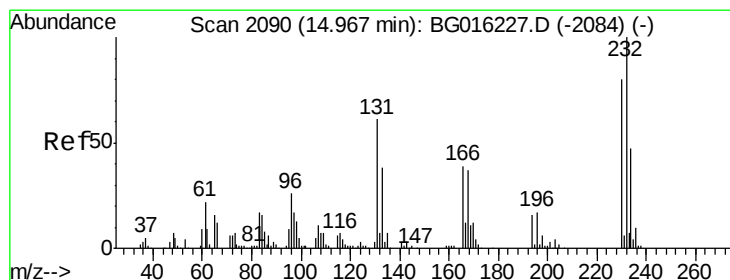
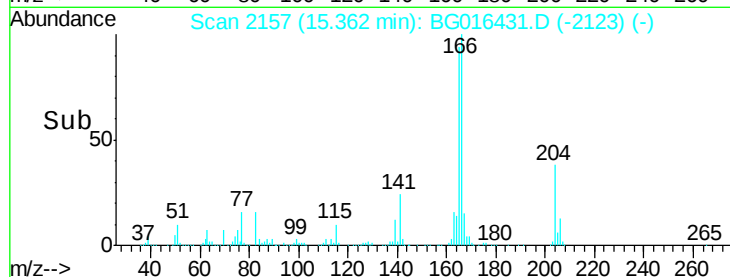
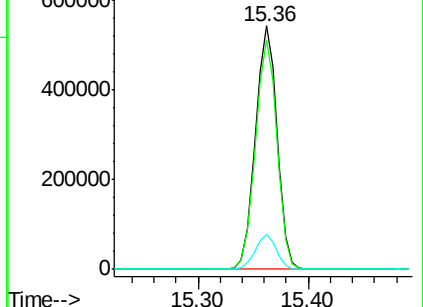
167 14.6 11.3 16.9



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: 40.89 ng

RT: 14.94 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Tgt Ion:232 Resp: 153760

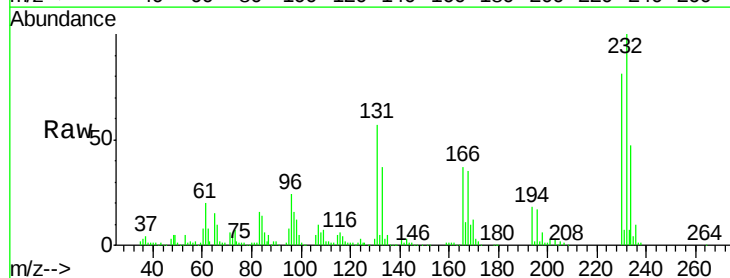
Ion Ratio Lower Upper

232 100

131 53.3 49.8 74.6

130 2.5 2.6 3.8#

166 36.3 30.6 45.8

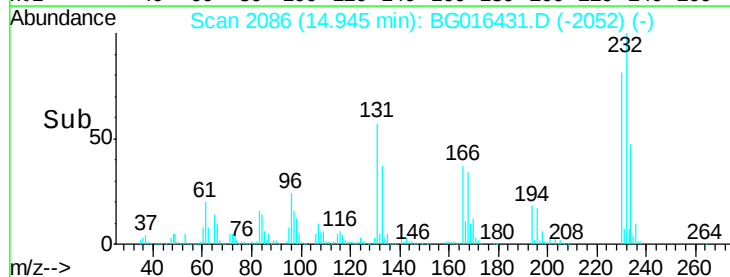
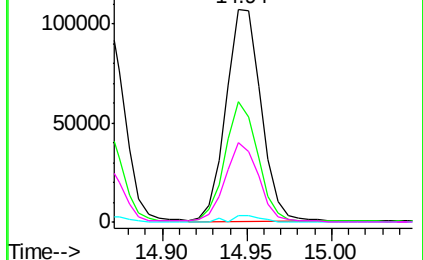


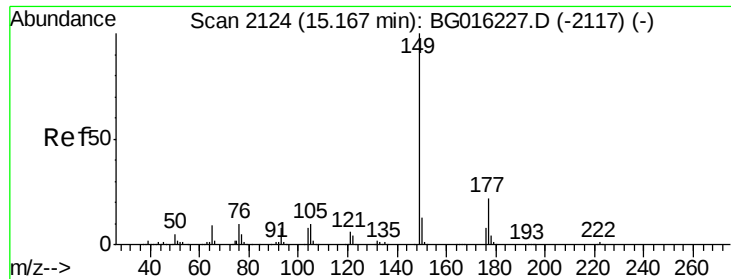
Abundance Ion 232.00 (231.70 to 232.70): E

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

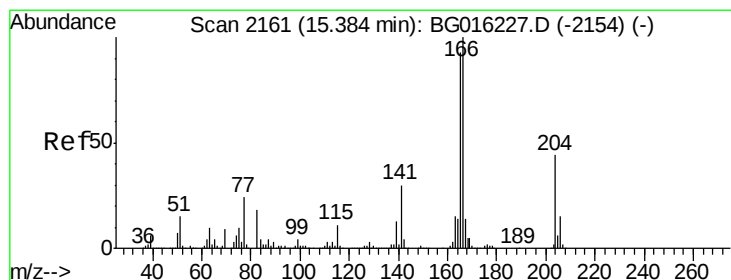
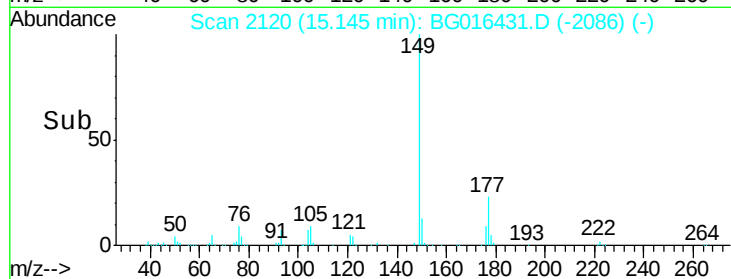
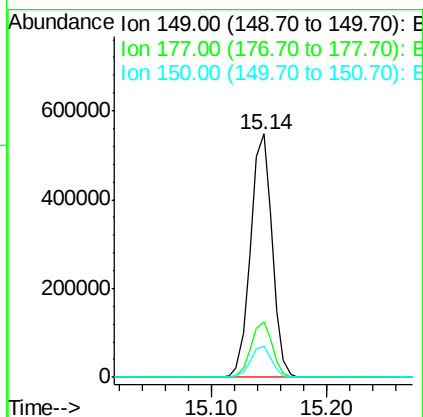
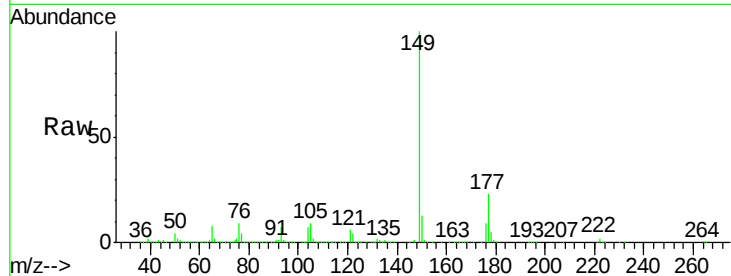




#59
Diethylphthalate
Concen: 32.64 ng
RT: 15.14 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

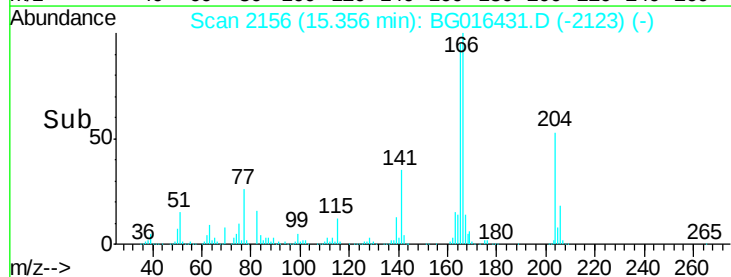
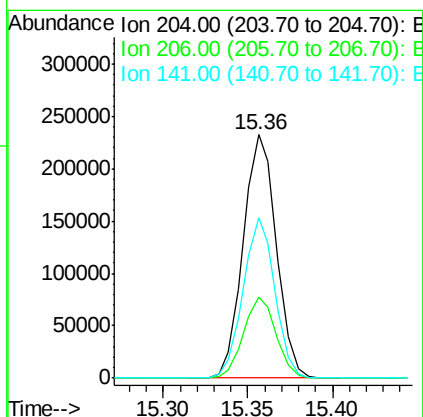
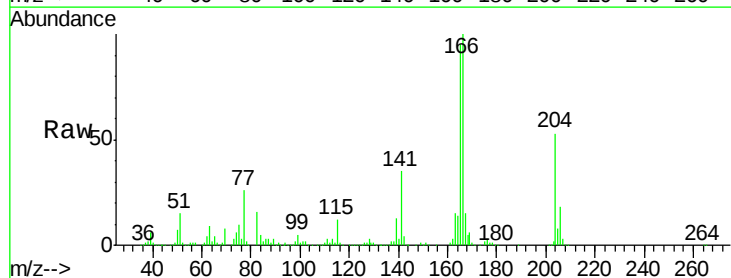
Instrument :
BNA_G
ClientSampleId :
PB82798BSD

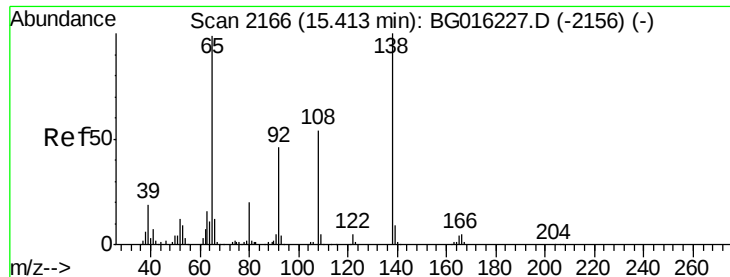
Tgt Ion:149 Resp: 709873
Ion Ratio Lower Upper
149 100
177 22.9 17.7 26.5
150 12.9 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 36.48 ng
RT: 15.36 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion:204 Resp: 316172
Ion Ratio Lower Upper
204 100
206 33.4 27.6 41.4
141 65.7 55.4 83.2

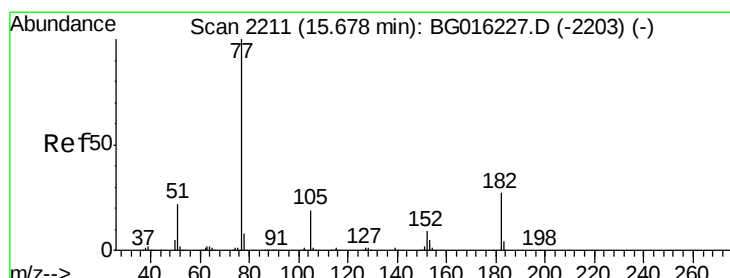
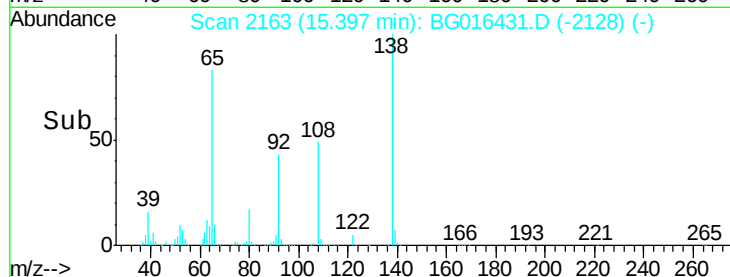
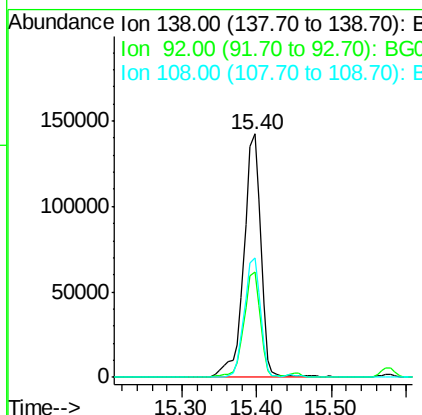
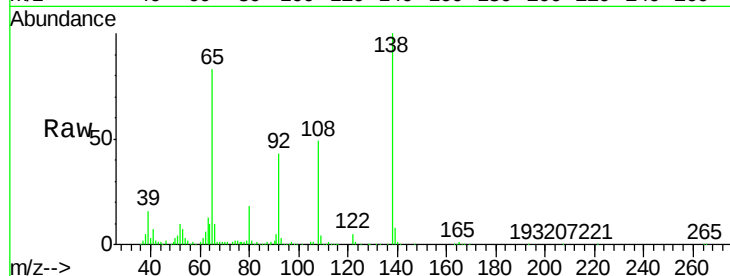




#61
4-Nitroaniline
Concen: 31.42 ng
RT: 15.40 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

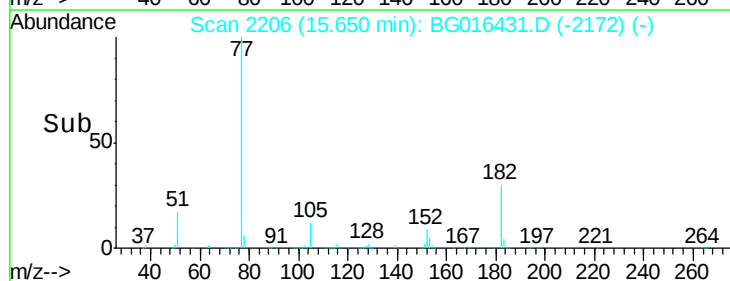
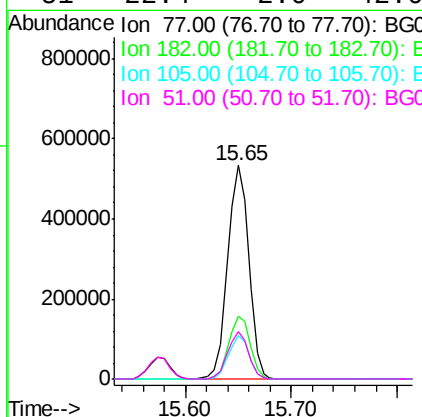
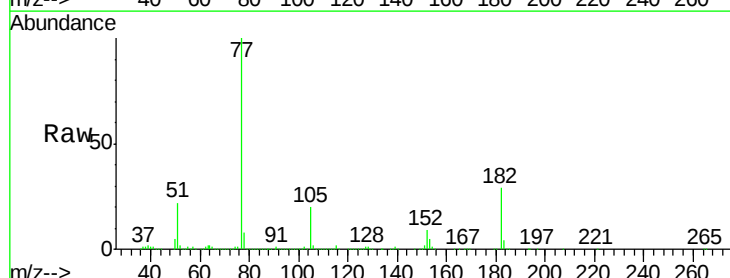
Instrument :
BNA_G
ClientSampleId :
PB82798BSD

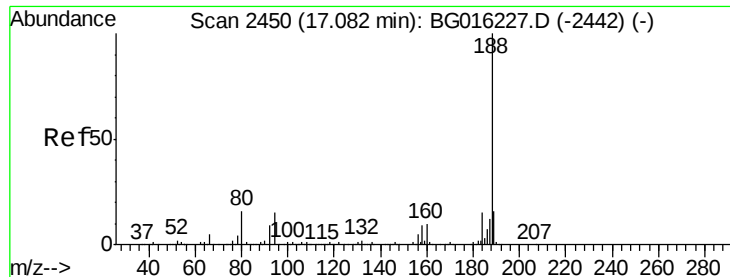
Tgt Ion: 138 Resp: 225001
Ion Ratio Lower Upper
138 100
92 43.2 26.3 66.3
108 49.3 33.6 73.6



#62
Azobenzene
Concen: 31.67 ng
RT: 15.65 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion: 77 Resp: 732991
Ion Ratio Lower Upper
77 100
182 29.2 6.6 46.6
105 20.1 0.0 39.2
51 22.4 2.0 42.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

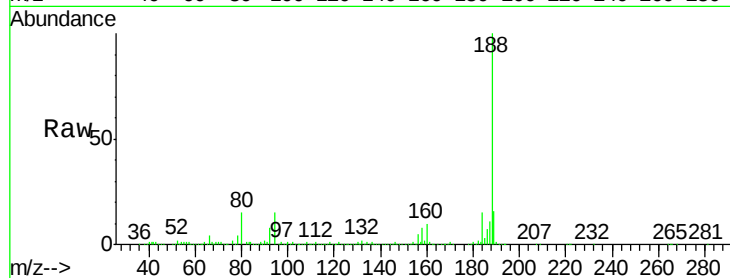
Tgt Ion:188 Resp: 553914

Ion Ratio Lower Upper

188 100

94 14.7 12.2 18.4

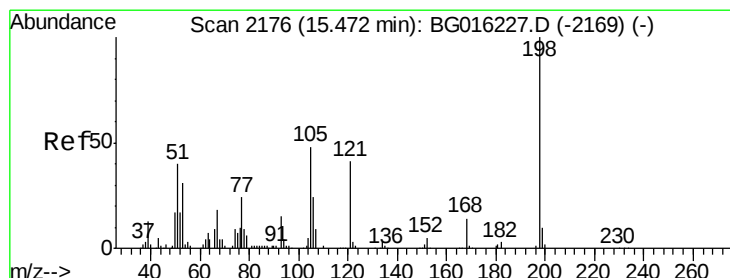
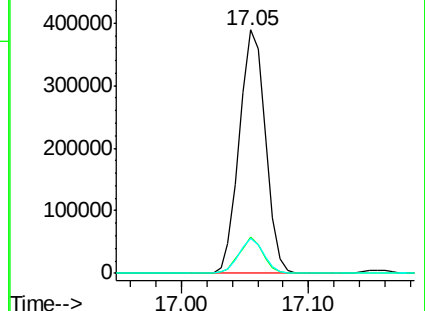
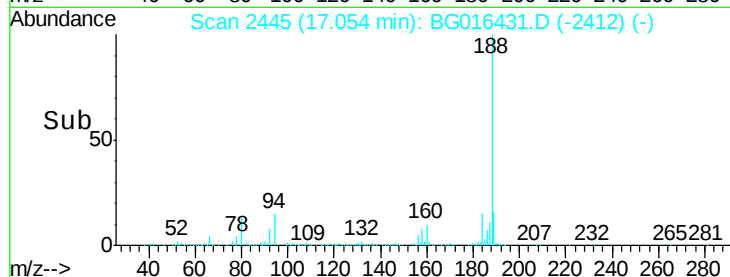
80 14.5 12.8 19.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.89 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

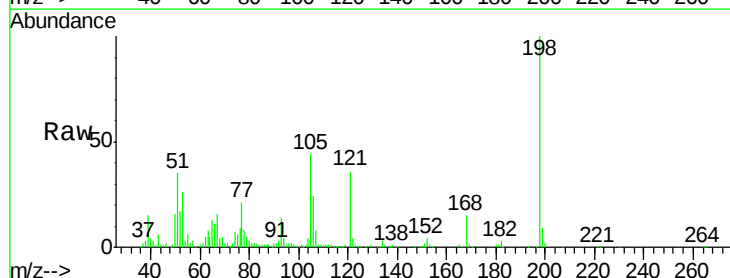
Tgt Ion:198 Resp: 135744

Ion Ratio Lower Upper

198 100

51 35.0 20.7 60.7

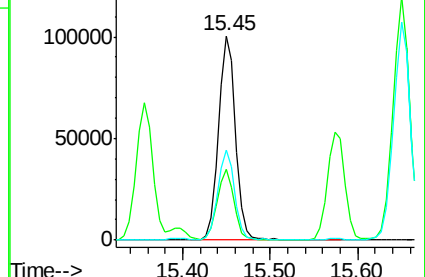
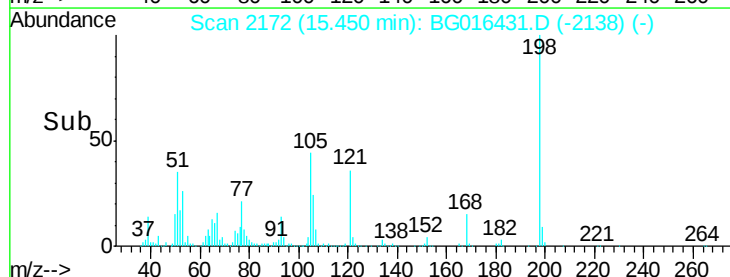
105 44.1 28.8 68.8

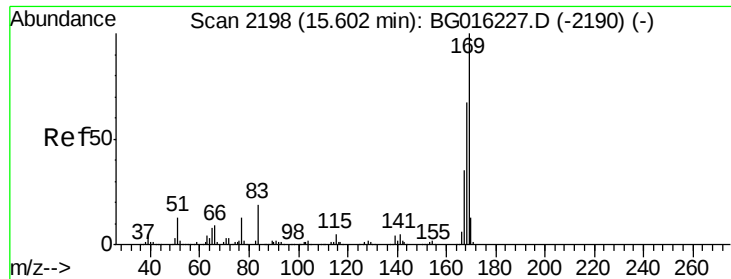


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

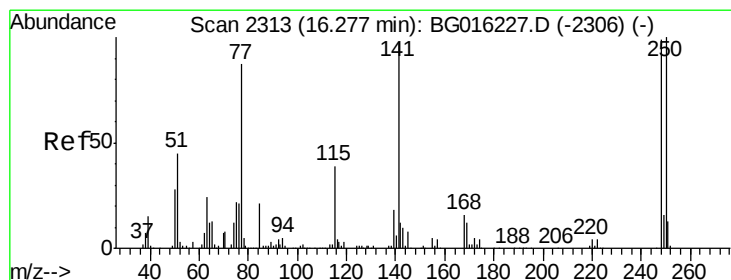
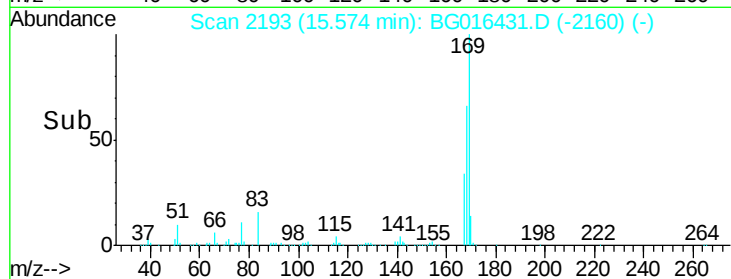
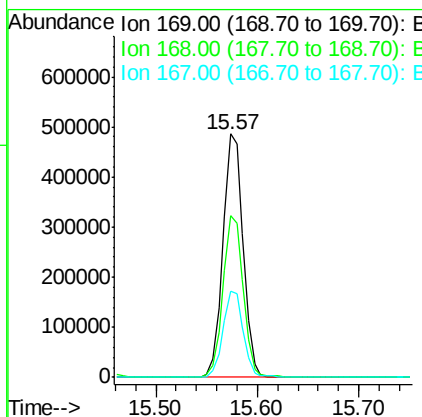
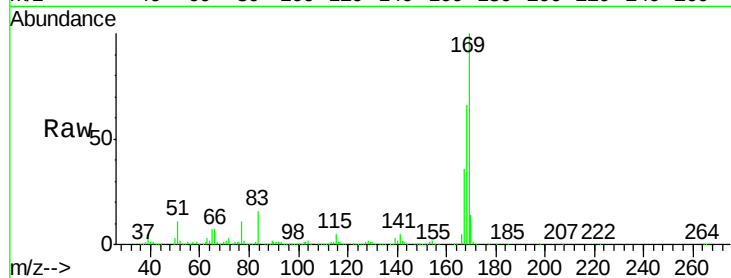




#65
 n-Nitrosodiphenylamine
 Concen: 35.67 ng
 RT: 15.57 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

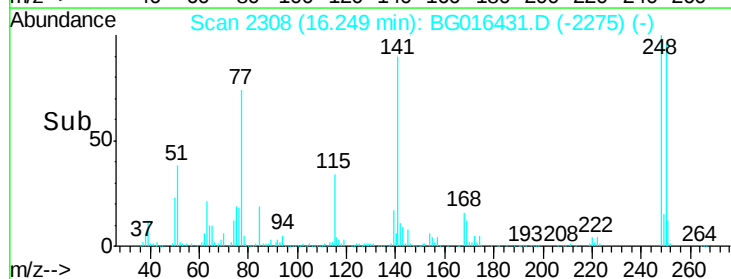
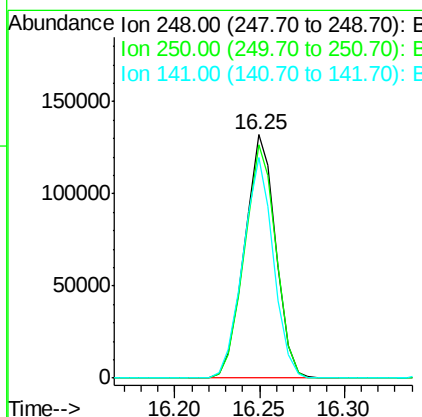
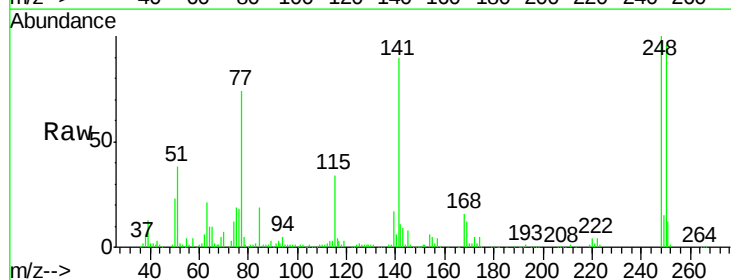
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

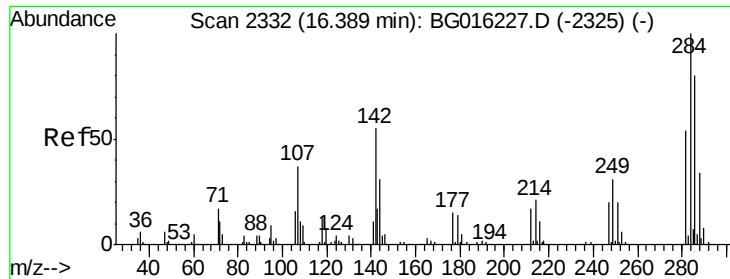
Tgt Ion:169 Resp: 667843
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.0
 167 35.6 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 38.39 ng
 RT: 16.25 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion:248 Resp: 169774
 Ion Ratio Lower Upper
 248 100
 250 96.0 80.5 120.7
 141 90.4 78.2 117.4

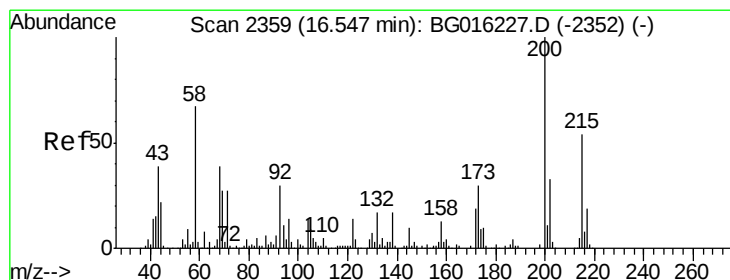
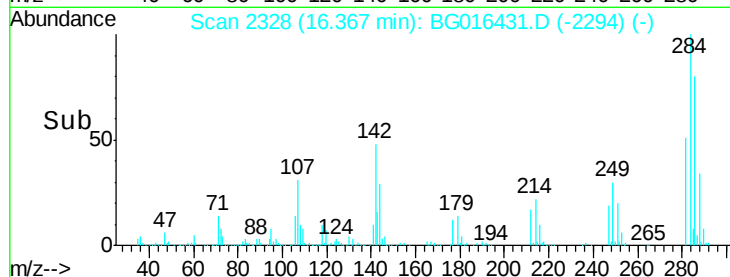
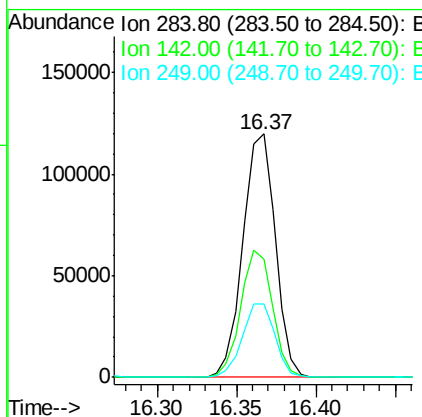
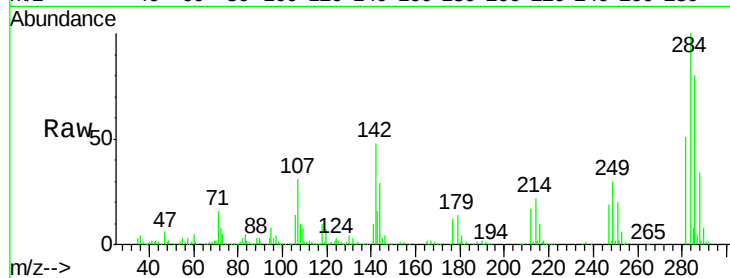




#67
Hexachlorobenzene
Concen: 37.09 ng
RT: 16.37 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

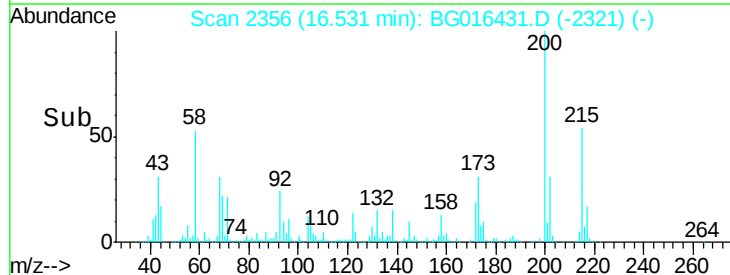
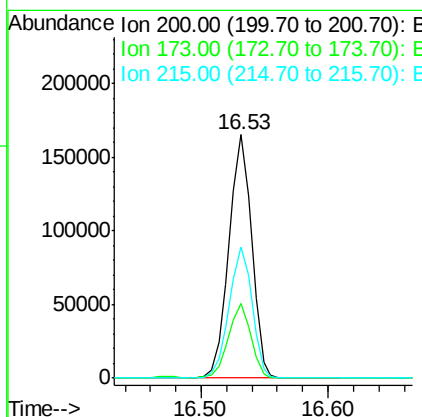
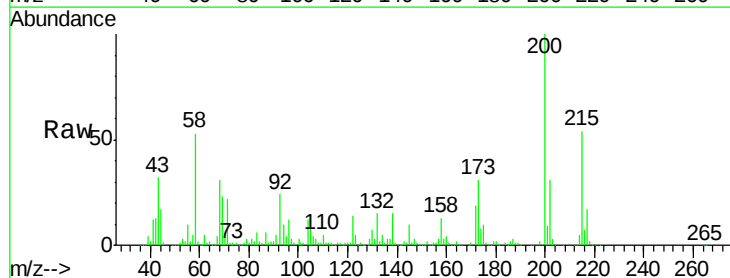
Instrument :
BNA_G
ClientSampleId :
PB82798BSD

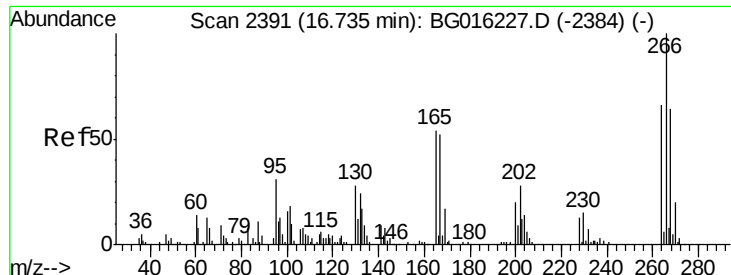
Tgt Ion:284 Resp: 170473
Ion Ratio Lower Upper
284 100
142 48.4 44.2 66.2
249 30.3 24.8 37.2



#68
Atrazine
Concen: 39.05 ng
RT: 16.53 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion:200 Resp: 203810
Ion Ratio Lower Upper
200 100
173 30.6 10.2 50.2
215 53.7 34.4 74.4





#69

Pentachlorophenol

Concen: 77.24 ng

RT: 16.71 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

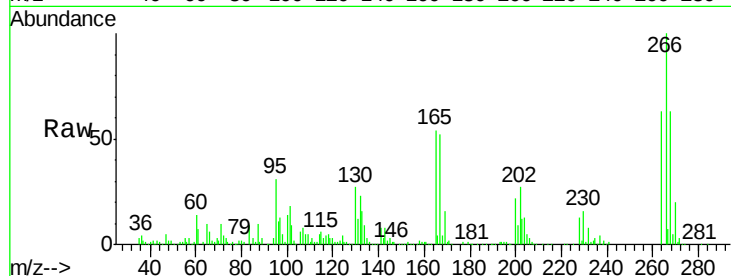
Tgt Ion:266 Resp: 216783

Ion Ratio Lower Upper

266 100

268 62.7 50.9 76.3

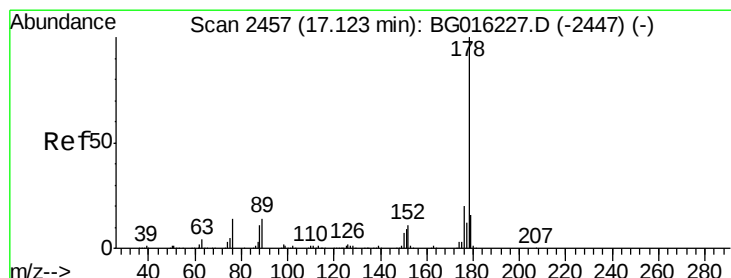
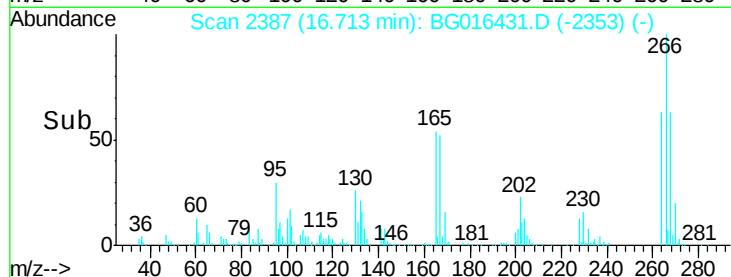
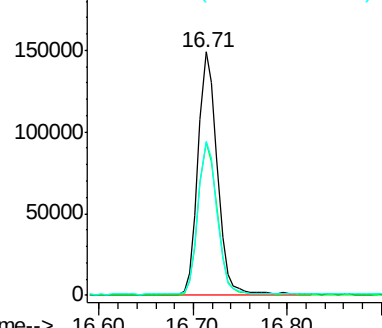
264 63.3 52.8 79.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 34.11 ng

RT: 17.10 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

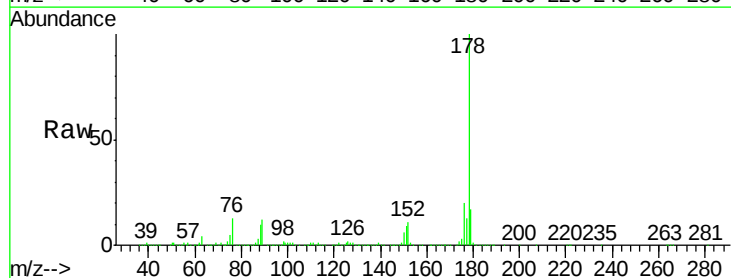
Tgt Ion:178 Resp: 1062683

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

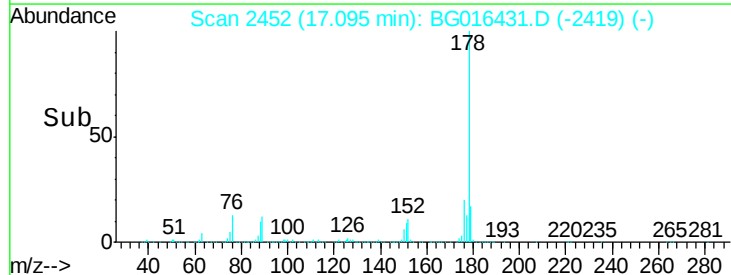
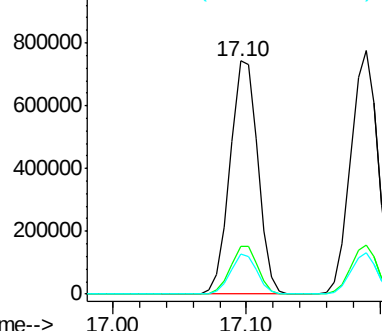
179 17.2 12.7 19.1

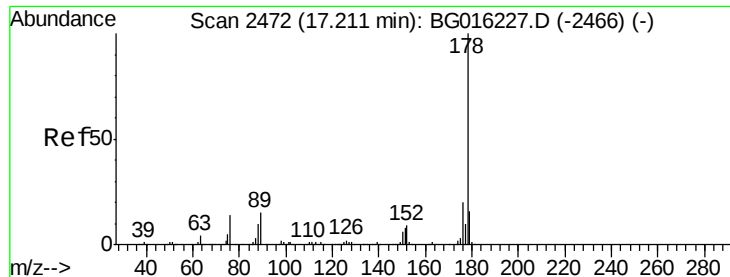


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

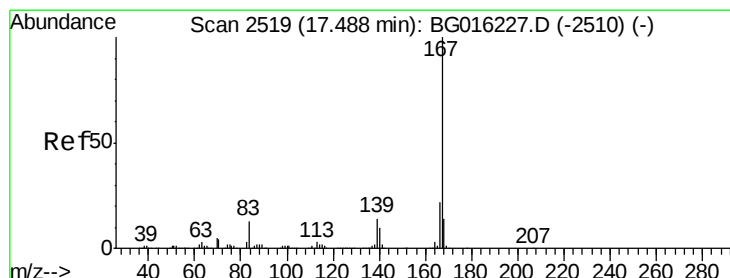
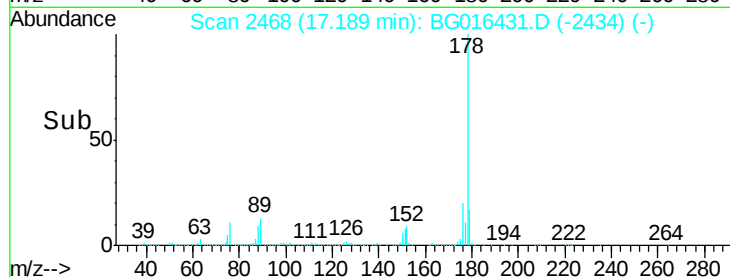
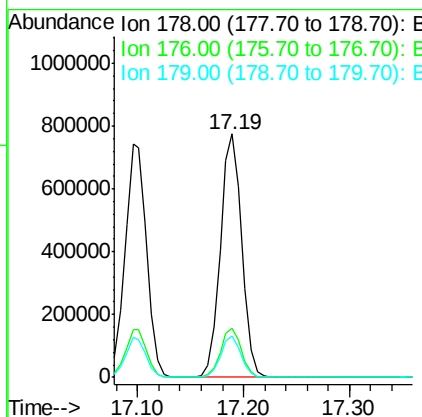
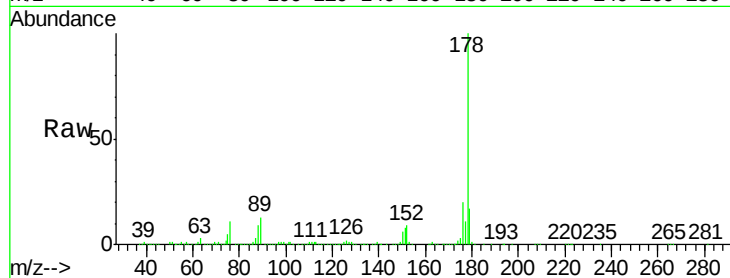




#71
 Anthracene
 Concen: 35.21 ng
 RT: 17.19 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

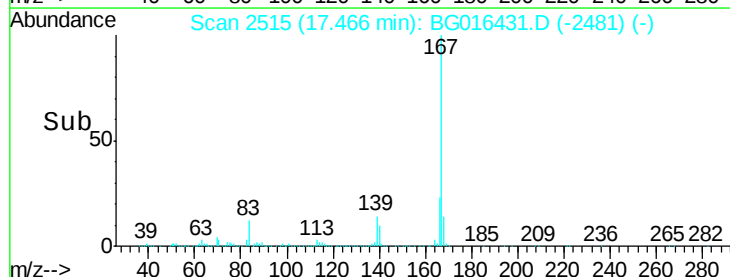
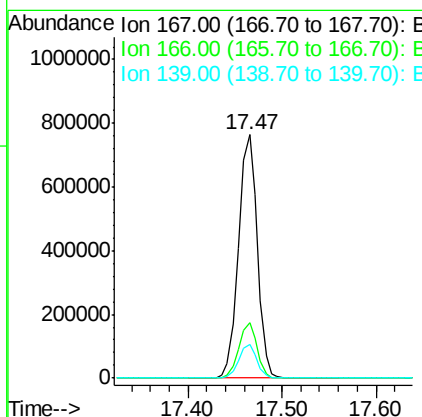
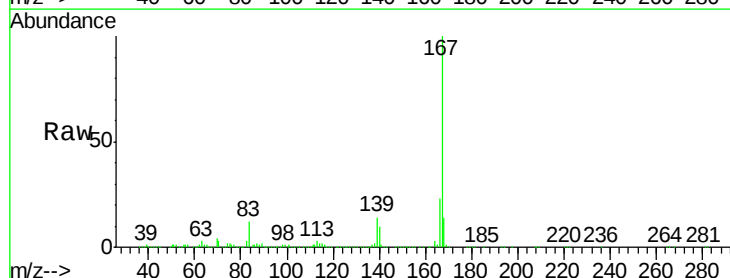
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

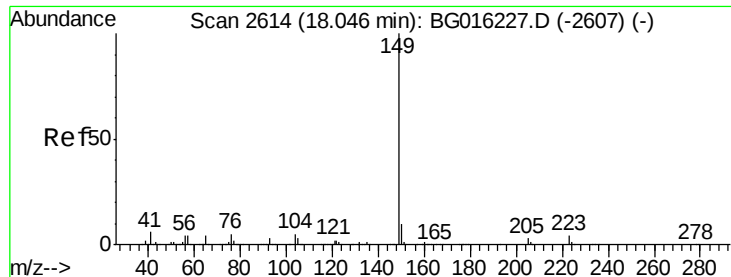
Tgt Ion:178 Resp: 1087022
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 16.8 13.0 19.6



#72
 Carbazole
 Concen: 34.23 ng
 RT: 17.47 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion:167 Resp: 1060546
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 13.7 11.5 17.3

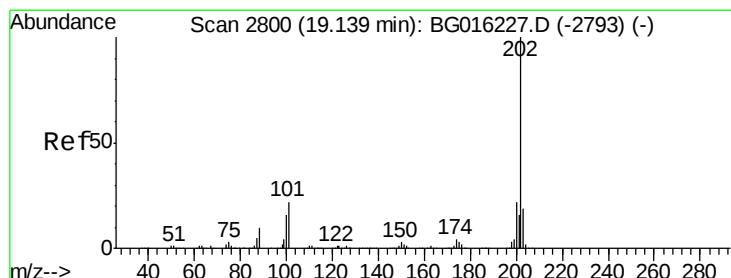
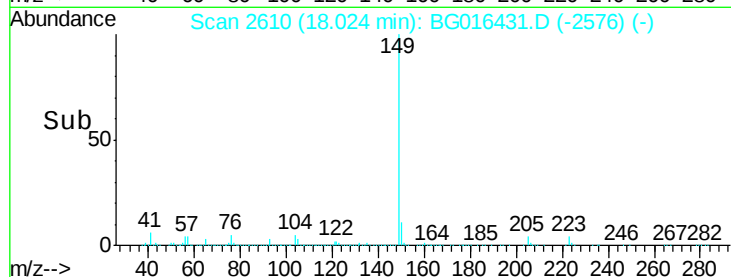
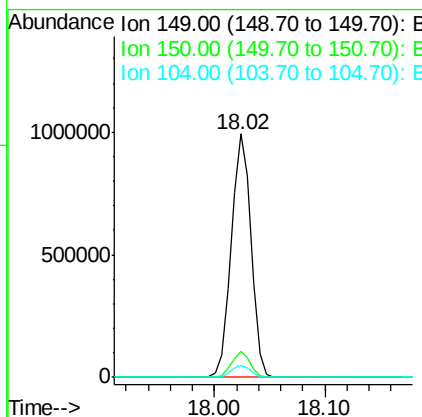
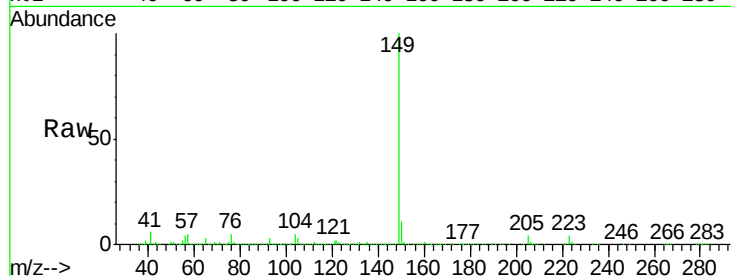




#73
Di-n-butylphthalate
Concen: 32.92 ng
RT: 18.02 min Scan# 2610
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

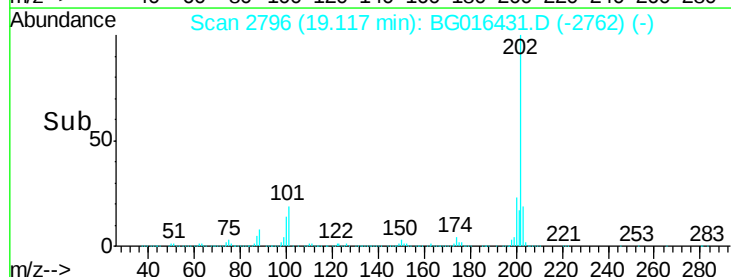
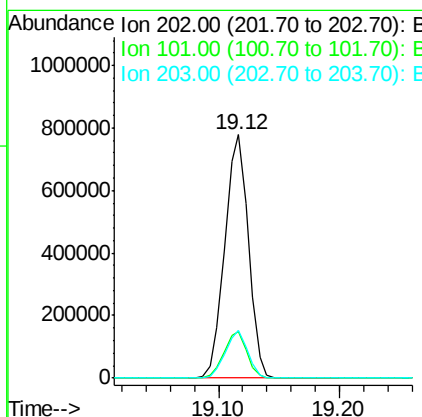
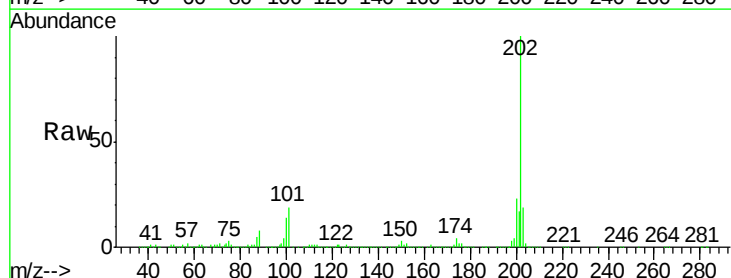
Instrument :
BNA_G
ClientSampleId :
PB82798BSD

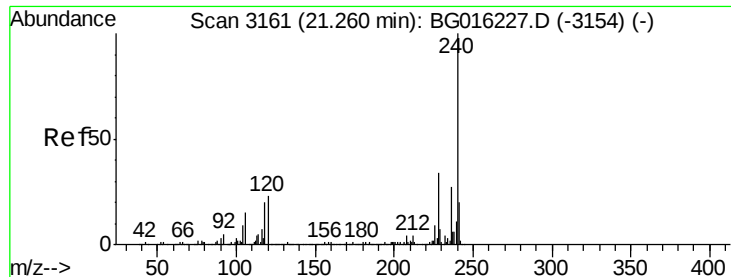
Tgt Ion:149 Resp: 1248357
Ion Ratio Lower Upper
149 100
150 10.5 8.2 12.4
104 5.0 4.0 6.0



#74
Fluoranthene
Concen: 32.79 ng
RT: 19.12 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion:202 Resp: 1053086
Ion Ratio Lower Upper
202 100
101 18.9 1.7 41.7
203 19.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

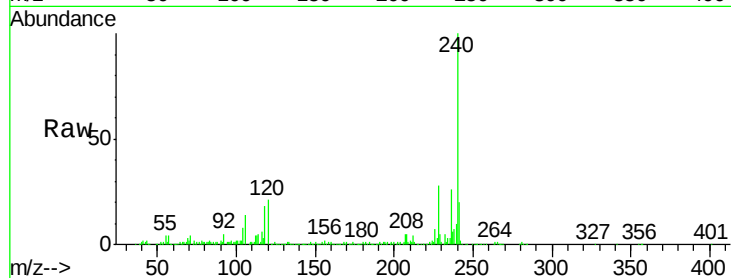
Tgt Ion:240 Resp: 443219

Ion Ratio Lower Upper

240 100

120 20.5 18.6 28.0

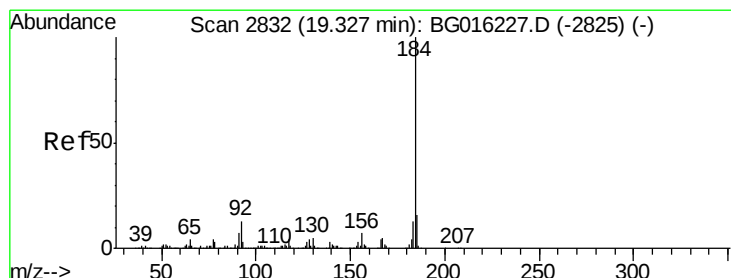
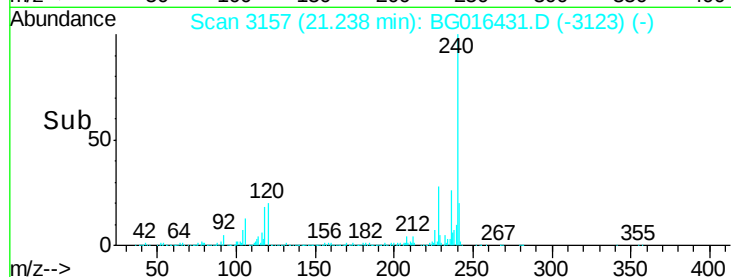
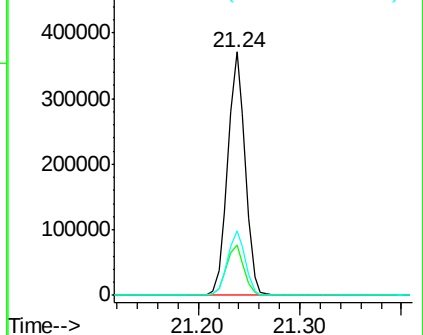
236 26.4 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.55 ng

RT: 19.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

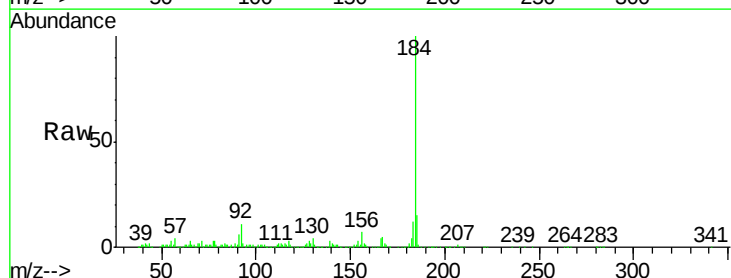
Tgt Ion:184 Resp: 499077

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

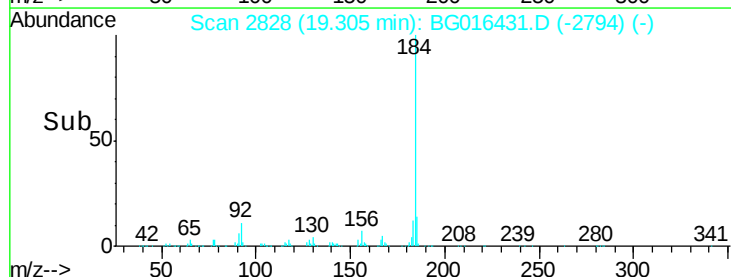
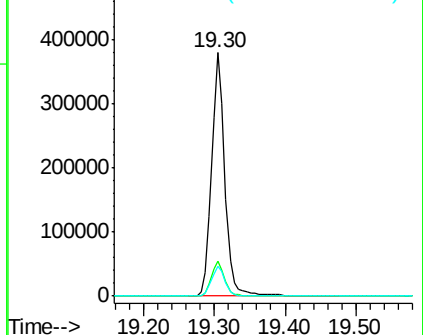
183 12.5 10.4 15.6

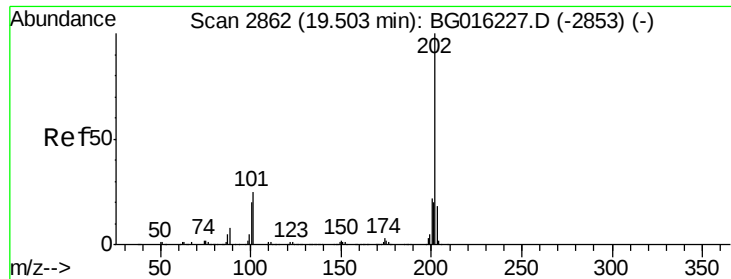


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

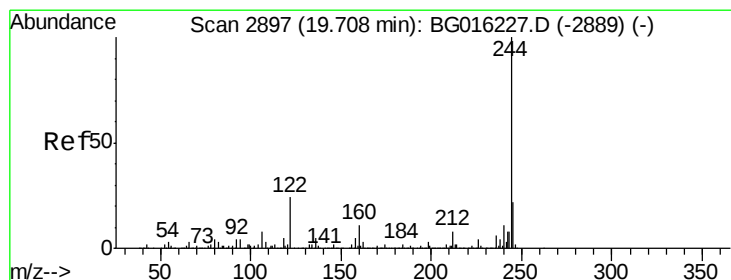
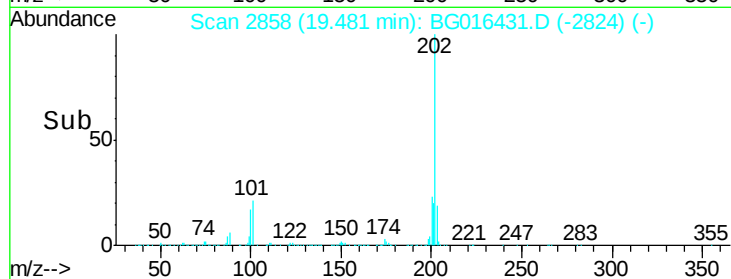
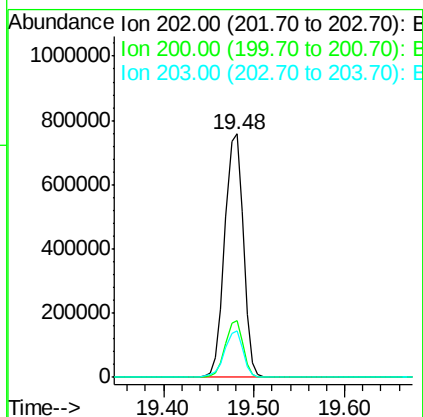
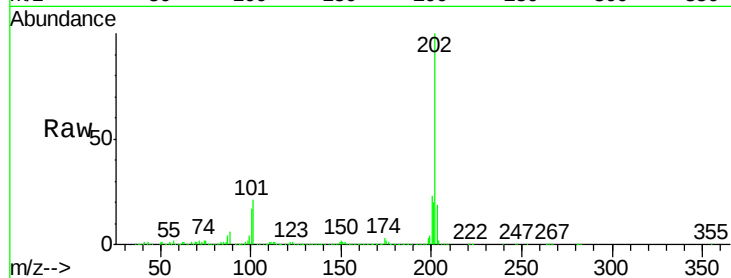




#77
 Pyrene
 Concen: 35.06 ng
 RT: 19.48 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

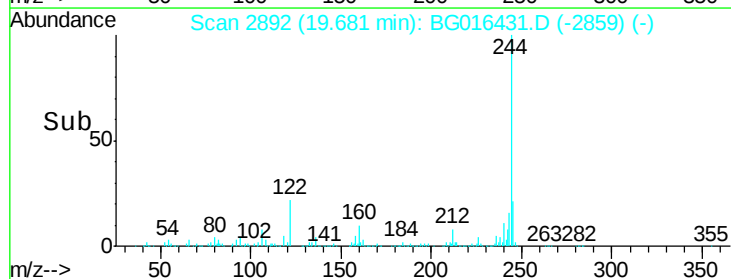
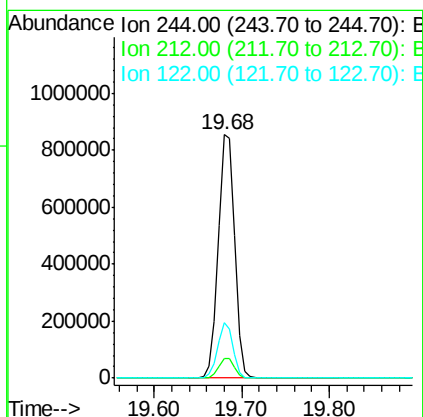
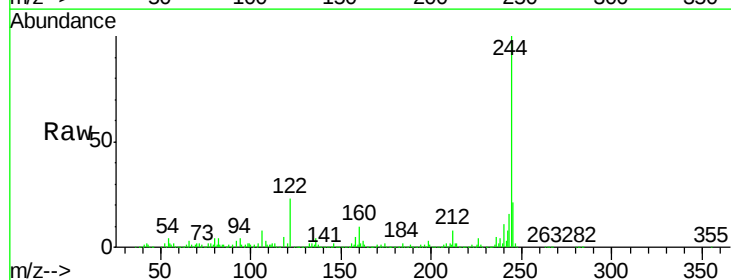
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

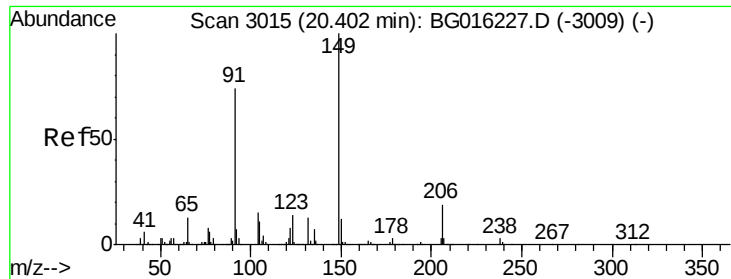
Tgt Ion: 202 Resp: 1082170
 Ion Ratio Lower Upper
 202 100
 200 23.1 17.8 26.8
 203 18.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 59.12 ng
 RT: 19.68 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion: 244 Resp: 1119661
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 22.8 19.1 28.7

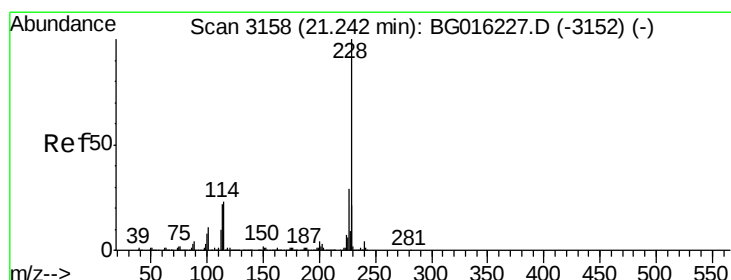
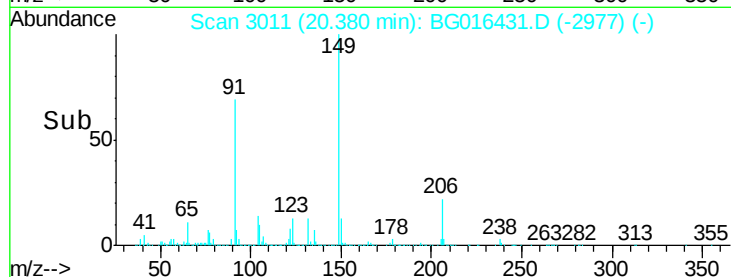
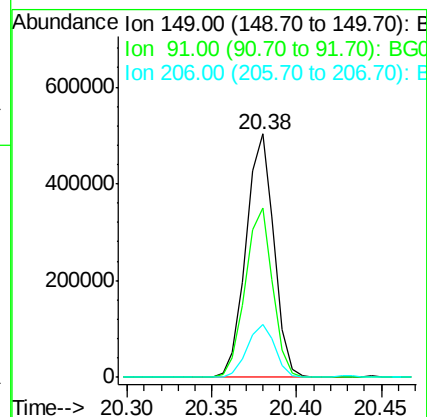
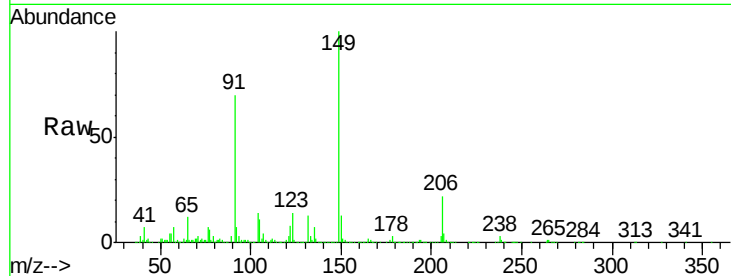




#79
Butylbenzylphthalate
Concen: 38.05 ng
RT: 20.38 min Scan# 3011
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

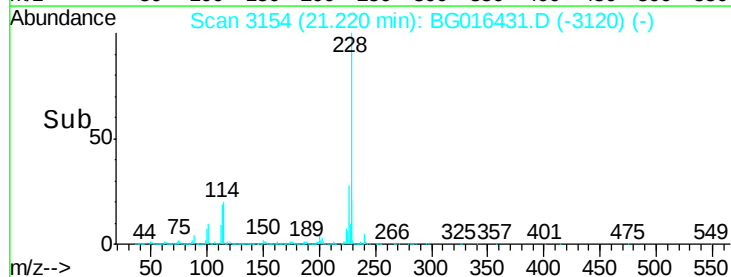
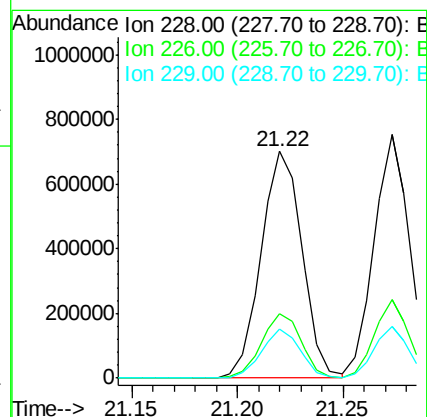
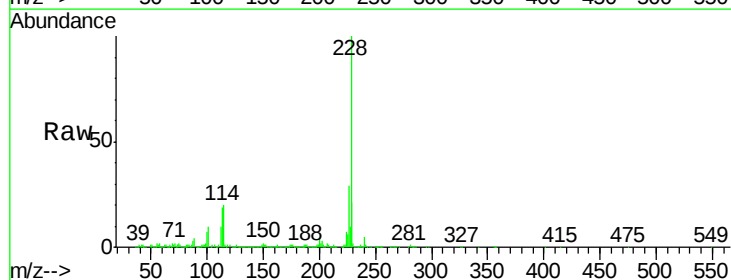
Instrument :
BNA_G
ClientSampleId :
PB82798BSD

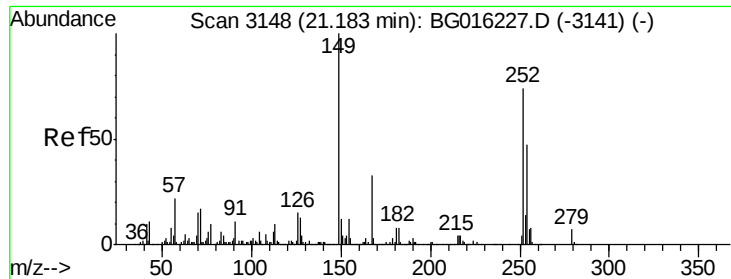
Tgt Ion:149 Resp: 576922
Ion Ratio Lower Upper
149 100
91 69.5 59.4 89.2
206 21.7 15.6 23.4



#80
Benzo(a)anthracene
Concen: 35.96 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG016431.D
Acq: 15 Apr 2015 19:54

Tgt Ion:228 Resp: 941867
Ion Ratio Lower Upper
228 100
226 28.5 23.5 35.3
229 21.4 16.8 25.2

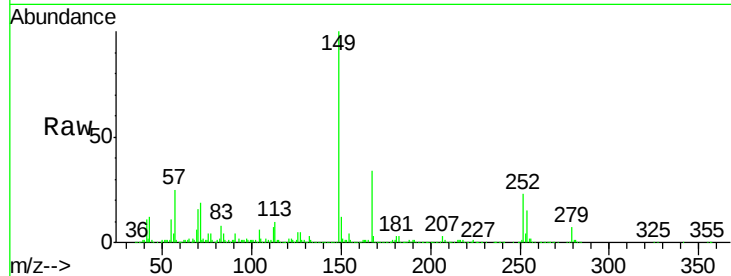




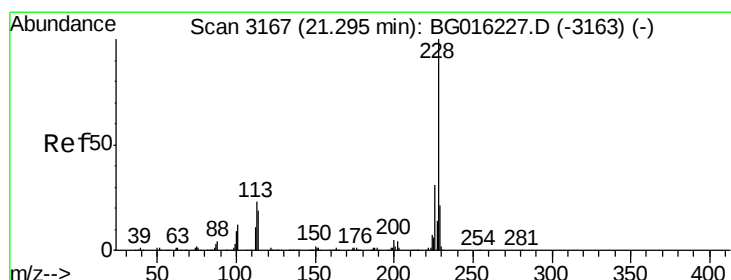
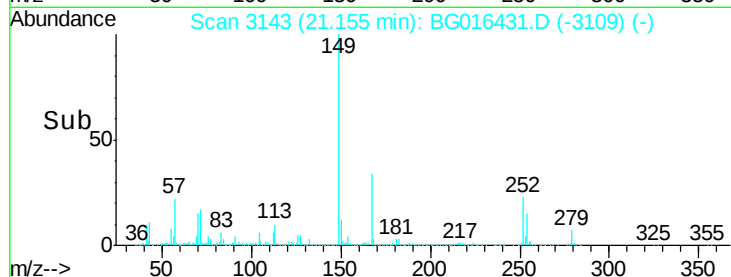
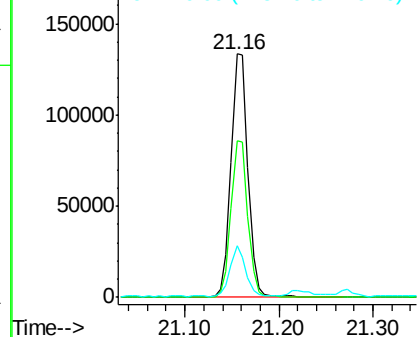
#81
 3,3'-Dichlorobenzidine
 Concen: 19.47 ng
 RT: 21.16 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

Tgt Ion:252 Resp: 167733
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.8 76.2
 126 21.1 16.0 24.0

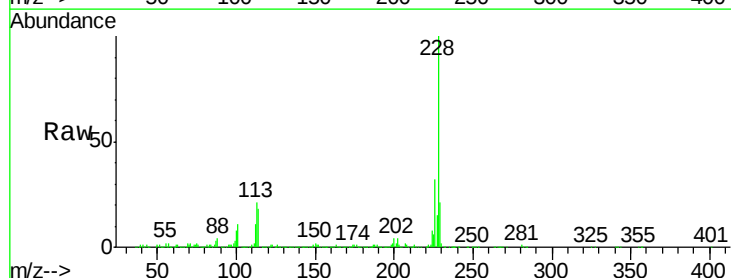


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

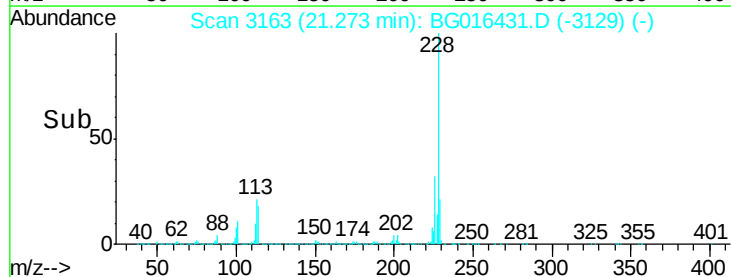
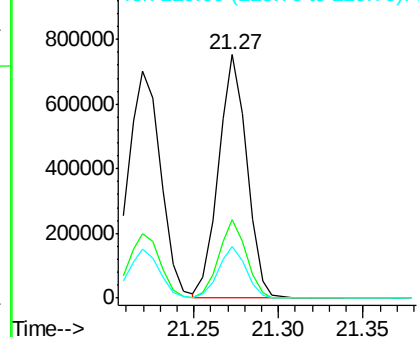


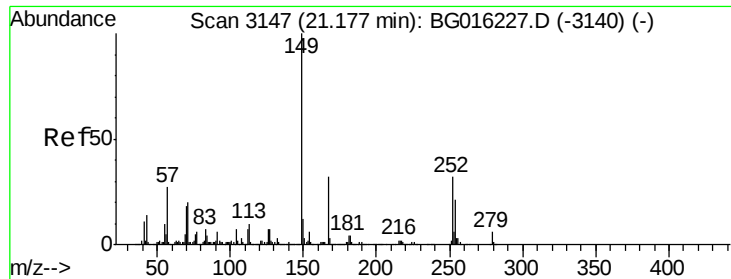
#82
 Chrysene
 Concen: 34.68 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion:228 Resp: 877046
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.0 37.4
 229 21.4 17.0 25.4



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

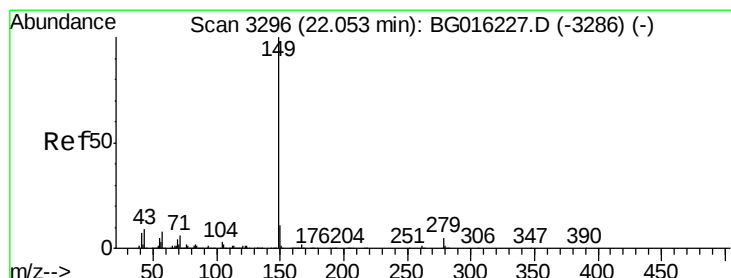
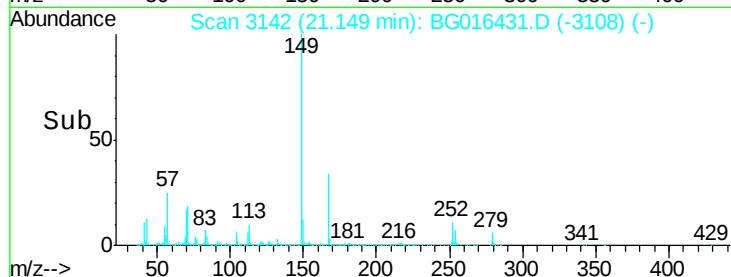
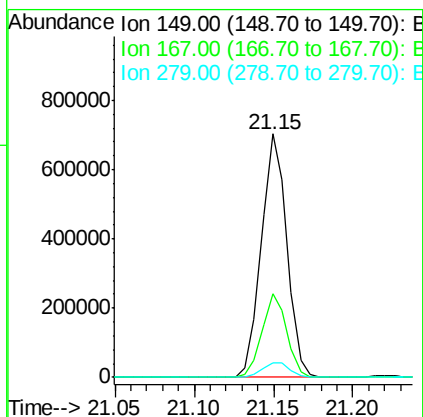
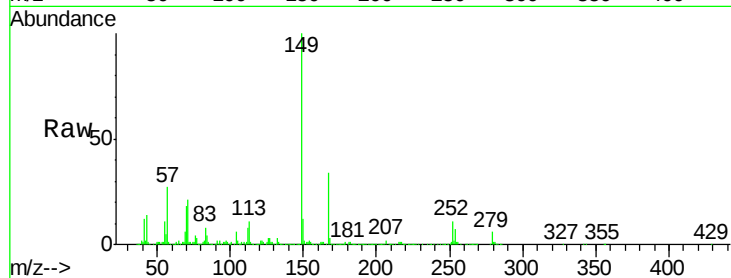




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.43 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

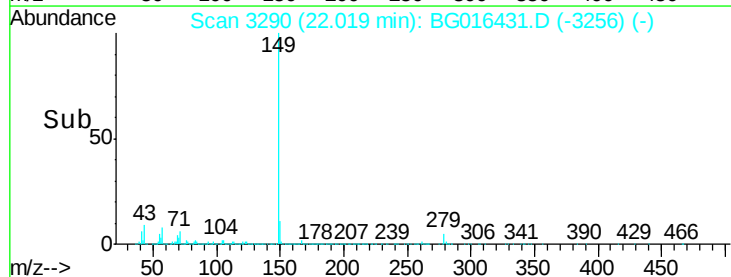
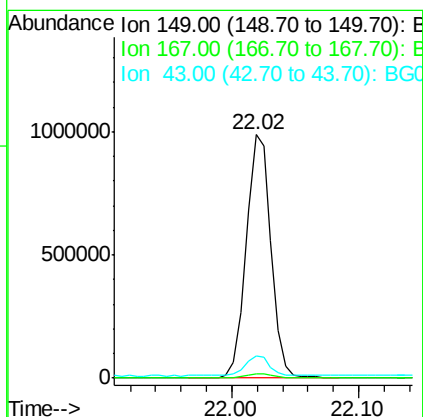
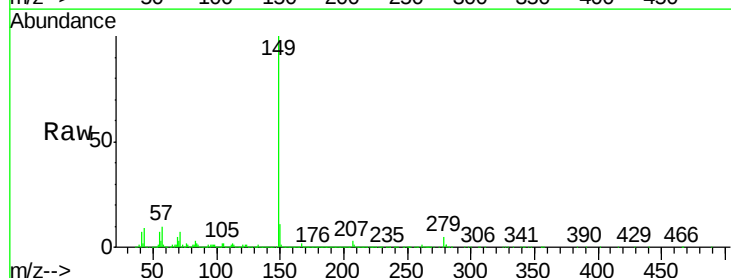
Instrument :
 BNA_G
 ClientSampleId :
 PB82798BSD

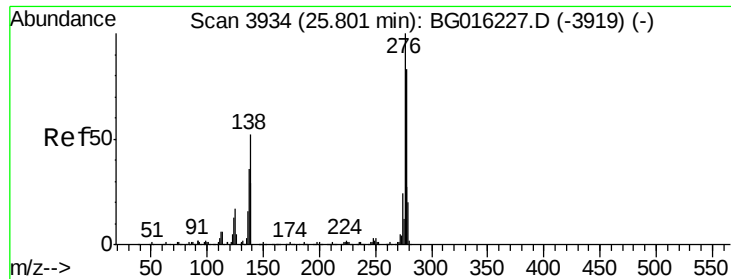
Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.4	25.8	38.6
279	6.1	4.7	7.1



#84
 Di-n-octyl phthalate
 Concen: 39.80 ng
 RT: 22.02 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BG016431.D
 Acq: 15 Apr 2015 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.2	7.0	10.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.92 ng

RT: 25.75 min Scan# 3925

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

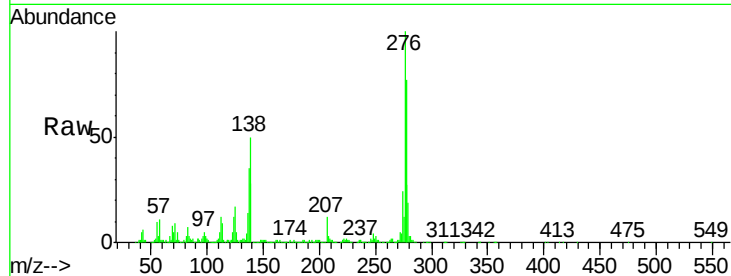
Tgt Ion:276 Resp: 996296

Ion Ratio Lower Upper

276 100

138 48.8 41.5 62.3

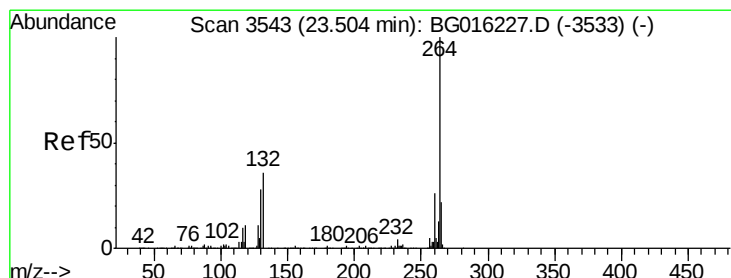
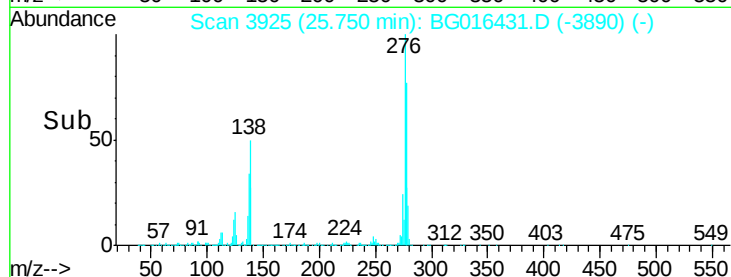
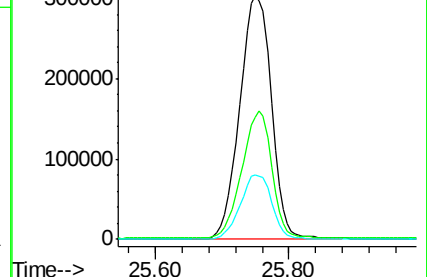
277 26.3 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.47 min Scan# 3537

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

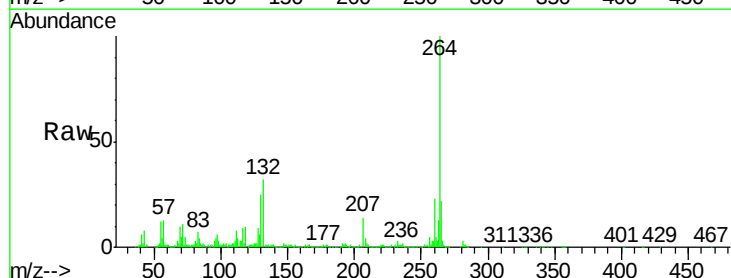
Tgt Ion:264 Resp: 431561

Ion Ratio Lower Upper

264 100

260 23.2 20.4 30.6

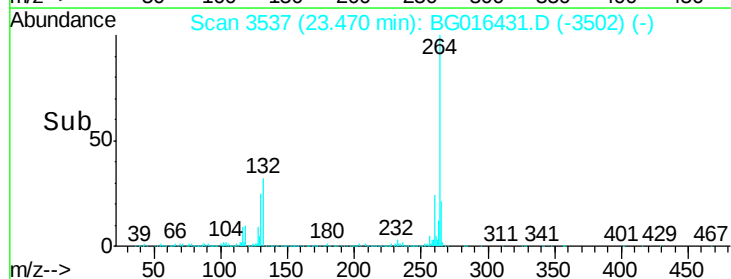
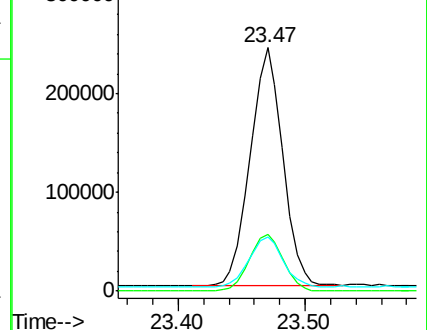
265 22.5 17.2 25.8

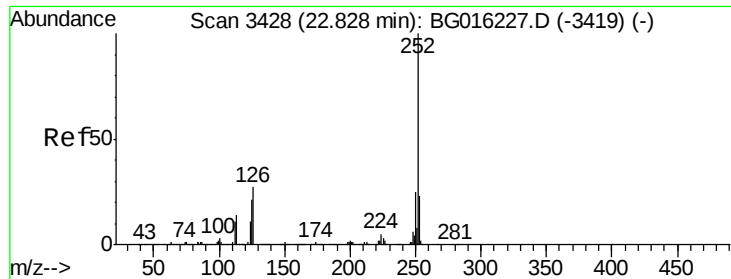


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.08 ng

RT: 22.80 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

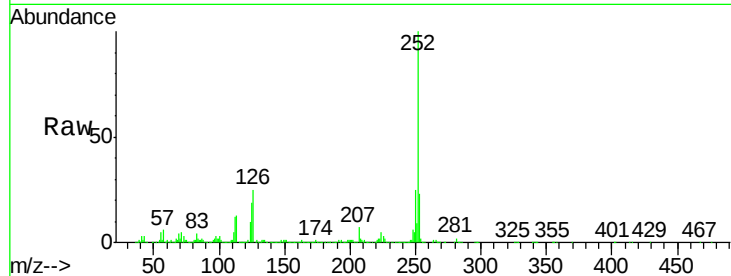
Tgt Ion:252 Resp: 886681

Ion Ratio Lower Upper

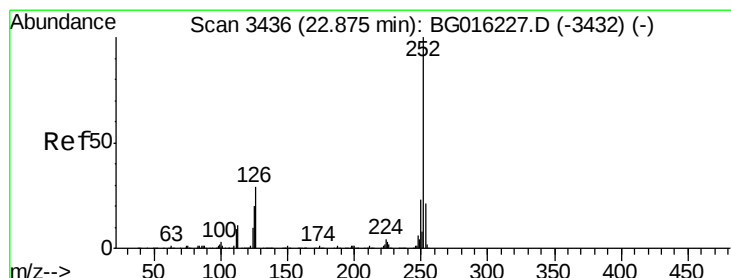
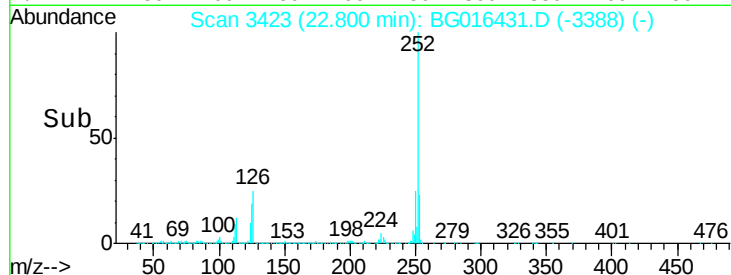
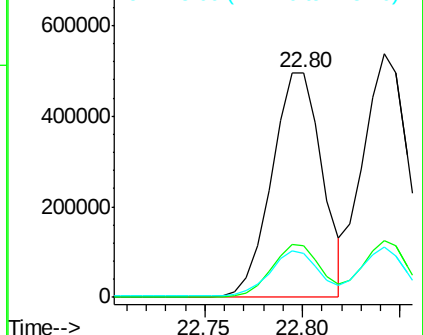
252 100

253 22.7 18.5 27.7

125 19.5 17.0 25.6



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



#88

Benzo(k)fluoranthene

Concen: 34.92 ng

RT: 22.84 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

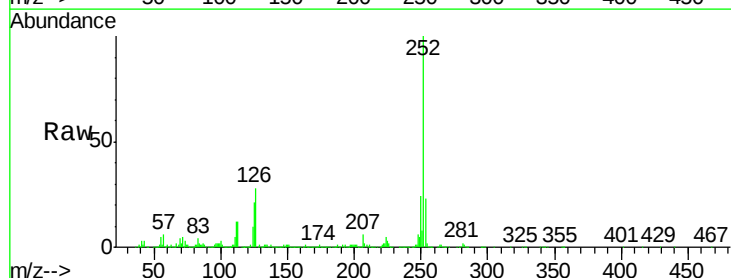
Tgt Ion:252 Resp: 863843

Ion Ratio Lower Upper

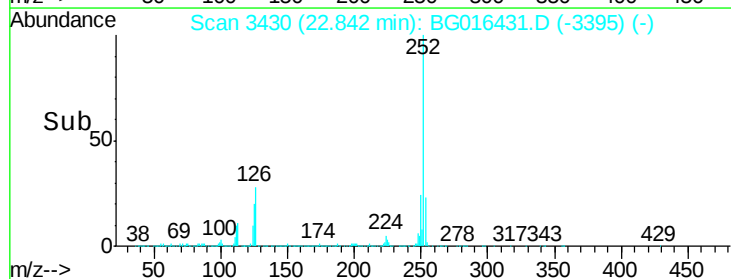
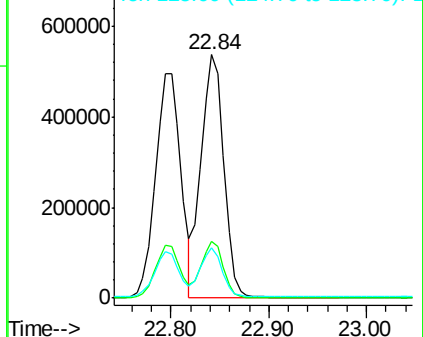
252 100

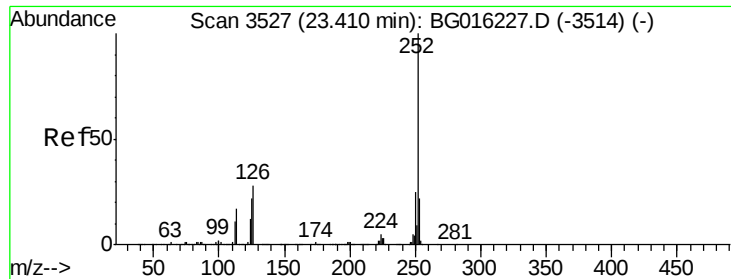
253 23.2 17.5 26.3

125 20.8 16.3 24.5



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





#89

Benzo(a)pyrene

Concen: 37.00 ng

RT: 23.38 min Scan# 3521

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

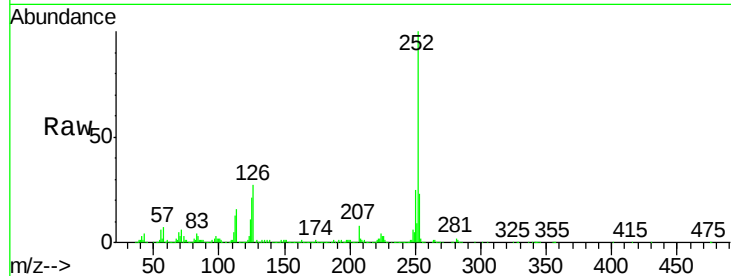
Tgt Ion:252 Resp: 876606

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

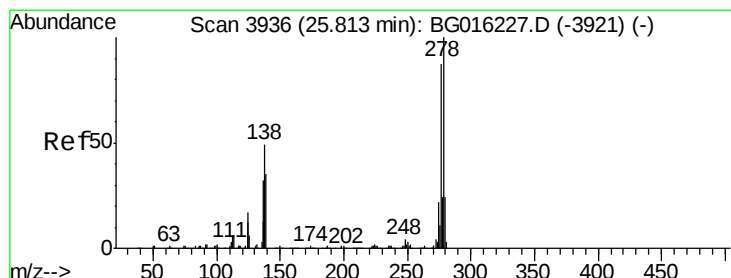
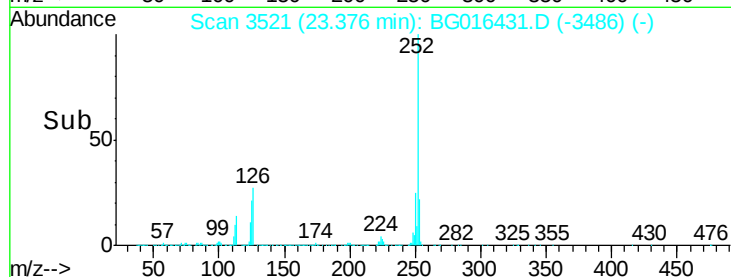
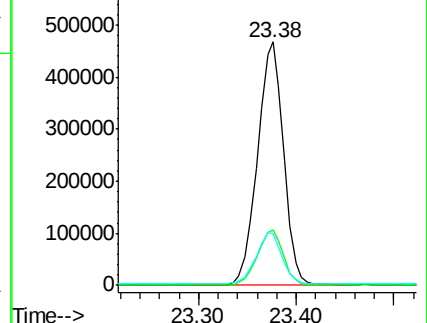
125 21.3 17.6 26.4



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: 35.89 ng

RT: 25.76 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

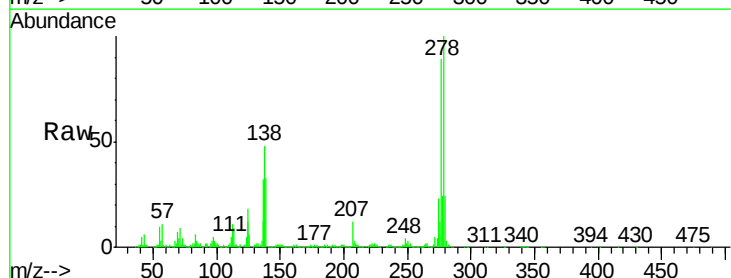
Tgt Ion:278 Resp: 827371

Ion Ratio Lower Upper

278 100

139 33.0 27.9 41.9

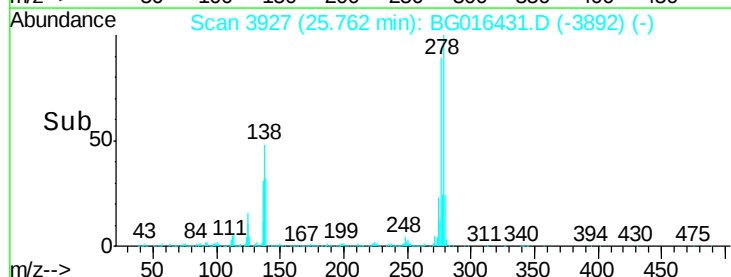
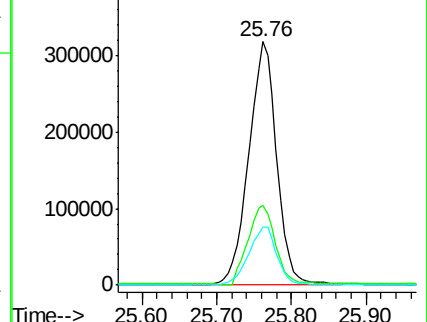
279 23.9 19.5 29.3

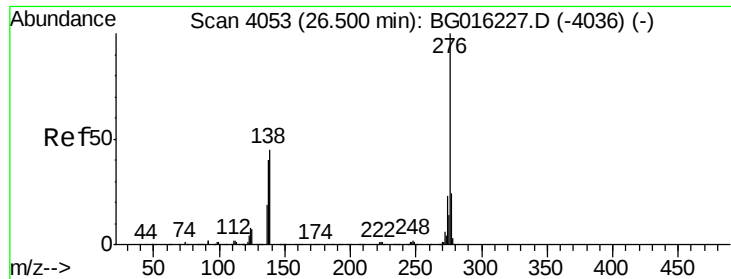


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.05 ng

RT: 26.45 min Scan# 4044

Delta R.T. 0.00 min

Lab File: BG016431.D

Acq: 15 Apr 2015 19:54

Instrument :

BNA_G

ClientSampleId :

PB82798BSD

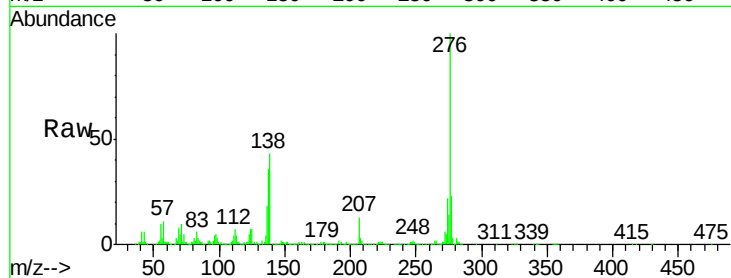
Tgt Ion: 276 Resp: 853063

Ion Ratio Lower Upper

276 100

277 23.4 19.5 29.3

138 42.9 35.7 53.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

