

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040815\
 Data File : BG016284.D
 Acq On : 8 Apr 2015 20:19
 Operator : TP/IZ
 Sample : G1794-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

Quant Time: Apr 09 05:18:22 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 02:28:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	61434	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	300883	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	185902	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	386920	20.00	ng	0.00
75) Chrysene-d12	21.25	240	340891	20.00	ng	0.00
86) Perylene-d12	23.50	264	318924	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	556792	143.04	ng	0.00
7) Phenol-d6	6.88	99	843066	144.27	ng	0.01
23) Nitrobenzene-d5	8.86	82	442611	85.22	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	182546	145.20	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	886841	81.22	ng	0.00
78) Terphenyl-d14	19.70	244	1050493	72.12	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.17	88	54242	30.65	ng	98
3) Pyridine	3.57	79	169287	32.01	ng	95
4) n-Nitrosodimethylamine	3.49	42	57938	36.85	ng	97
6) Aniline	7.03	93	280932	33.66	ng	99
8) 2-Chlorophenol	7.26	128	211819	45.31	ng	97
9) Benzaldehyde	6.84	77	71242	20.81	ng	99
10) Phenol	6.90	94	307593	49.20	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	200625	40.24	ng	98
12) 1,3-Dichlorobenzene	7.59	146	180334	38.20	ng	99
13) 1,4-Dichlorobenzene	7.73	146	187764	38.34	ng	96
14) 1,2-Dichlorobenzene	8.05	146	185406	39.59	ng	99
15) Benzyl Alcohol	7.94	79	173790	42.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	224418	39.97	ng	99
17) 2-Methylphenol	8.15	107	191534	45.68	ng	99
18) Hexachloroethane	8.77	117	67792	36.19	ng	97
19) n-Nitroso-di-n-propylamine	8.50	70	159356	38.06	ng	97
20) 3+4-Methylphenols	8.47	107	262805	45.25	ng	99
22) Acetophenone	8.52	105	289172	41.45	ng	# 97
24) Nitrobenzene	8.90	77	220985	39.79	ng	95
25) Isophorone	9.42	82	446944	38.75	ng	99
26) 2-Nitrophenol	9.60	139	120025	46.34	ng	99
27) 2,4-Dimethylphenol	9.67	122	222302	46.08	ng	99
28) bis(2-Chloroethoxy)methane	9.90	93	267515	40.63	ng	99
29) 2,4-Dichlorophenol	10.14	162	185672	48.64	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	165408	41.50	ng	98
31) Naphthalene	10.54	128	633832	40.43	ng	99
32) Benzoic acid	9.75	122	27615	15.91	ng	95
33) 4-Chloroaniline	10.65	127	244727	33.26	ng	98
34) Hexachlorobutadiene	10.82	225	69791	39.86	ng	100
35) Caprolactam	11.41	113	112149m	46.67	ng	
36) 4-Chloro-3-methylphenol	11.78	107	234170	46.44	ng	99
37) 2-Methylnaphthalene	12.15	142	469875	41.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	160327	39.17	ng	100
40) Hexachlorocyclopentadiene	12.50	237	158055	84.37	ng	97

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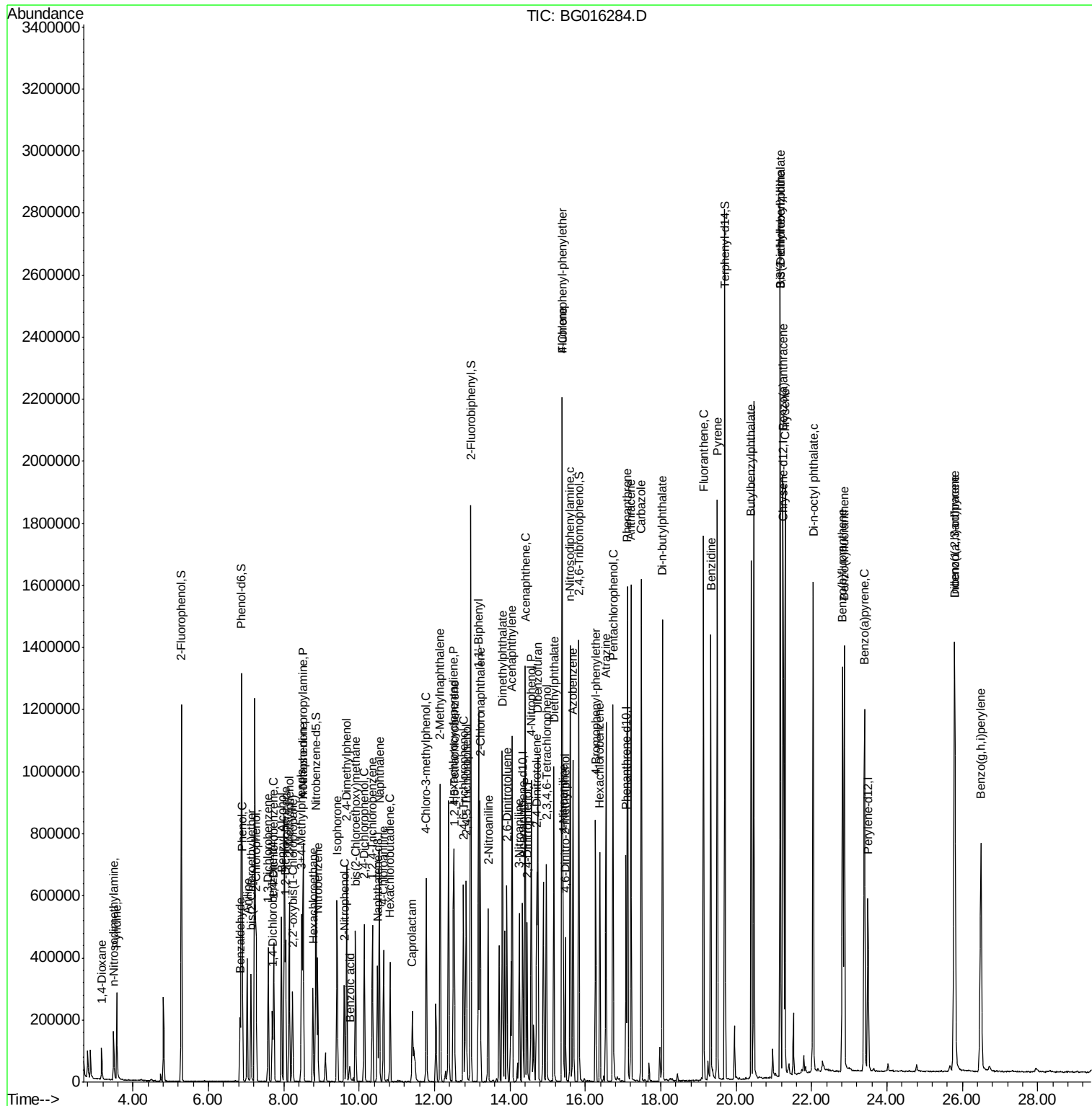
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	135321	44.49	ng	96
43) 2,4,5-Trichlorophenol	12.84	196	151015	46.47	ng	97
45) 1,1'-Biphenyl	13.17	154	574818	40.31	ng	98
46) 2-Chloronaphthalene	13.21	162	432360	39.80	ng	99
47) 2-Nitroaniline	13.42	65	151461	43.26	ng	97
48) Acenaphthylene	14.06	152	762015	39.45	ng	99
49) Dimethylphthalate	13.80	163	675623	49.59	ng	99
50) 2,6-Dinitrotoluene	13.92	165	141648	42.99	ng	97
51) Acenaphthene	14.40	154	461792	40.01	ng	98
52) 3-Nitroaniline	14.25	138	156747	37.25	ng	93
53) 2,4-Dinitrophenol	14.46	184	118233	63.86	ng	96
54) Dibenzofuran	14.74	168	662244	41.34	ng	99
55) 4-Nitrophenol	14.57	139	313518	90.15	ng	99
56) 2,4-Dinitrotoluene	14.71	165	197320	43.96	ng	93
57) Fluorene	15.38	166	577797	40.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	119358	47.59	ng	96
59) Diethylphthalate	15.17	149	590467	40.71	ng	99
60) 4-Chlorophenyl-phenylether	15.38	204	238402	41.24	ng	98
61) 4-Nitroaniline	15.41	138	201693	42.23	ng	99
62) Azobenzene	15.67	77	640724	41.51	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	109444	40.82	ng	96
65) n-Nitrosodiphenylamine	15.60	169	528503	40.41	ng	99
66) 4-Bromophenyl-phenylether	16.27	248	127417	41.24	ng	99
67) Hexachlorobenzene	16.39	284	131025	40.81	ng	98
68) Atrazine	16.55	200	167083	45.83	ng	99
69) Pentachlorophenol	16.73	266	173015	88.25	ng	98
70) Phenanthrene	17.12	178	880164	40.44	ng	99
71) Anthracene	17.21	178	893554	41.43	ng	100
72) Carbazole	17.48	167	937248	43.30	ng	99
73) Di-n-butylphthalate	18.05	149	1090400	41.17	ng	100
74) Fluoranthene	19.14	202	931424	41.52	ng	96
76) Benzidine	19.33	184	709112	49.05	ng	100
77) Pyrene	19.50	202	962123	40.53	ng	99
79) Butylbenzylphthalate	20.40	149	513989	44.07	ng	97
80) Benzo(a)anthracene	21.24	228	814034	40.40	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	201947	30.48	ng	99
82) Chrysene	21.30	228	774388	39.81	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	683758	43.31	ng	99
84) Di-n-octyl phthalate	22.05	149	1129267	43.90	ng	99
85) Indeno(1,2,3-cd)pyrene	25.80	276	834429	41.30	ng	99
87) Benzo(b)fluoranthene	22.82	252	770612	41.26	ng	99
88) Benzo(k)fluoranthene	22.87	252	738656	40.41	ng	99
89) Benzo(a)pyrene	23.40	252	738067	42.16	ng	99
90) Dibenzo(a,h)anthracene	25.81	278	695757	40.84	ng	98
91) Benzo(g,h,i)perylene	26.50	276	700141	41.15	ng	98

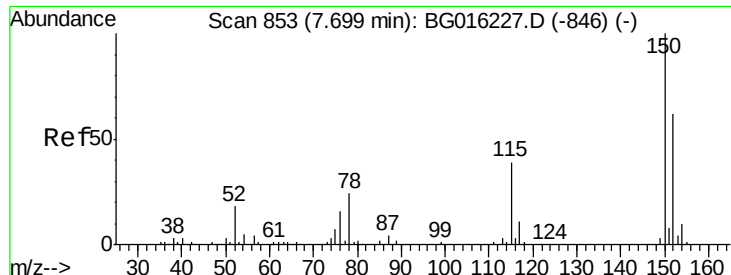
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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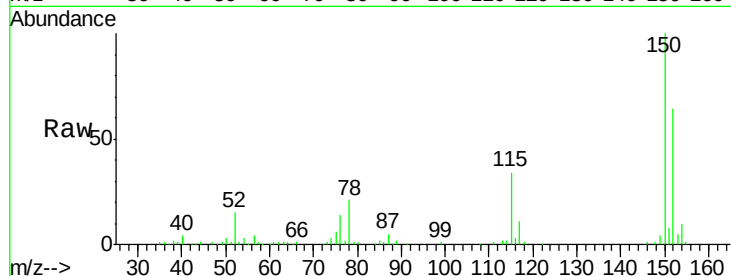


#1

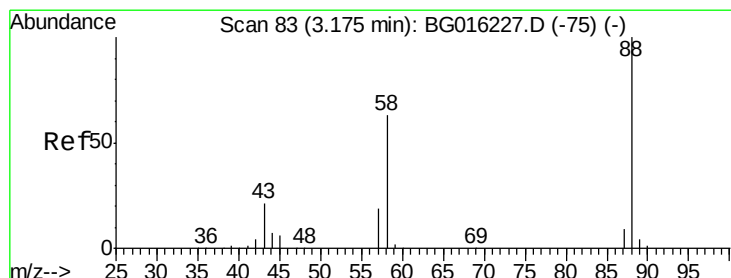
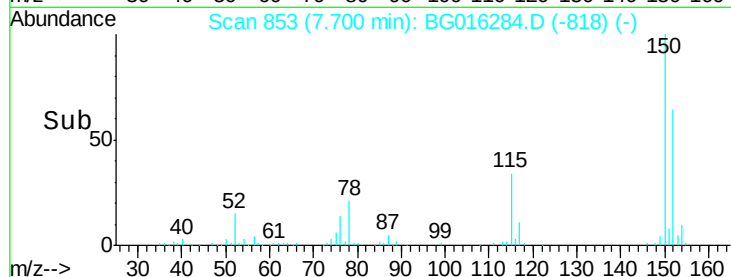
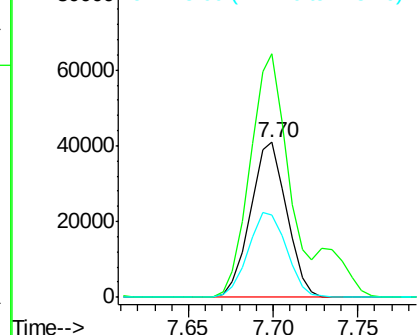
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

Tot Ion:152 Resp: 61434
Ion Ratio Lower Upper
152 100
150 157.0 130.1 195.1
115 53.2 50.5 75.7



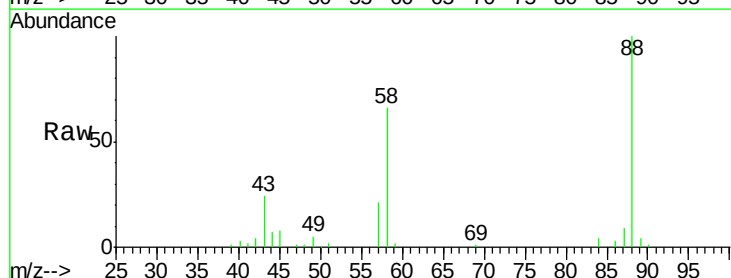
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



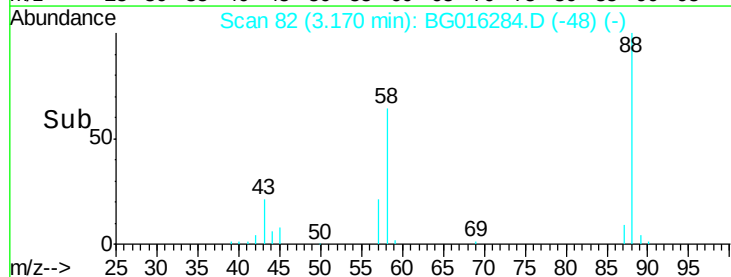
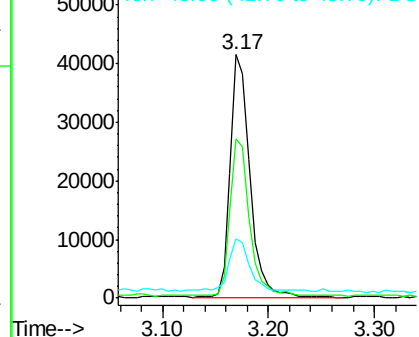
#2

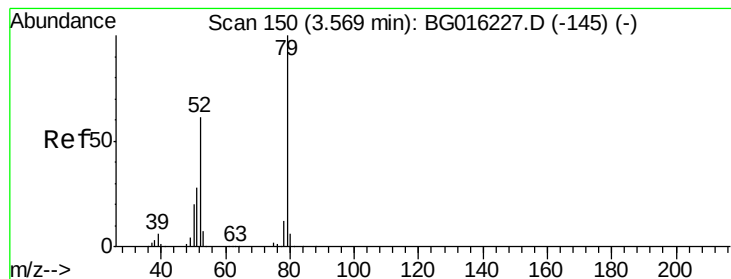
1,4-Dioxane
Concen: 30.65 ng
RT: 3.17 min Scan# 82
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion: 88 Resp: 54242
Ion Ratio Lower Upper
88 100
58 62.2 50.6 76.0
43 22.6 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

Pvridine

Concen: 32.01 ng

RT: 3.57 min Scan# 150

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

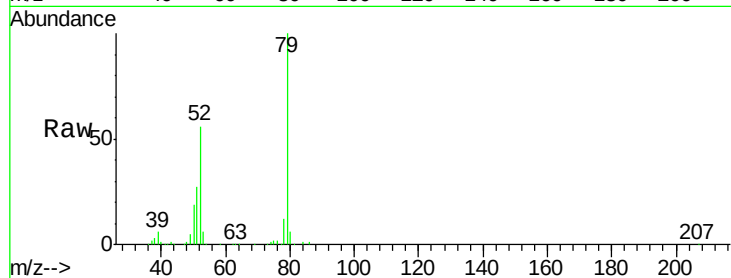
Tot Ion: 79 Resp: 169287

Ion Ratio Lower Upper

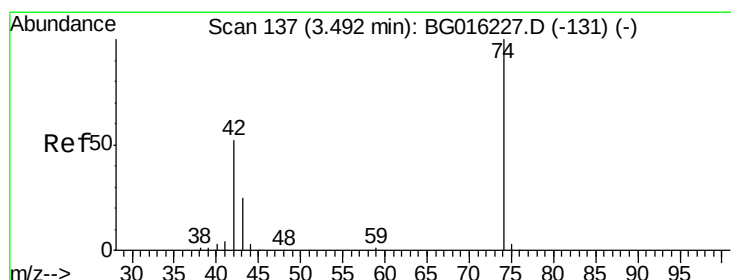
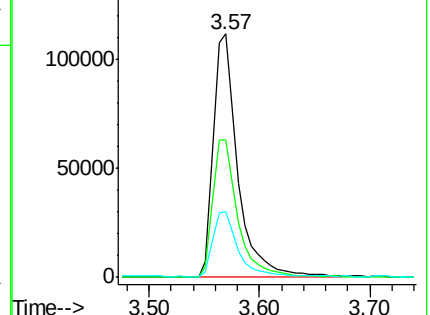
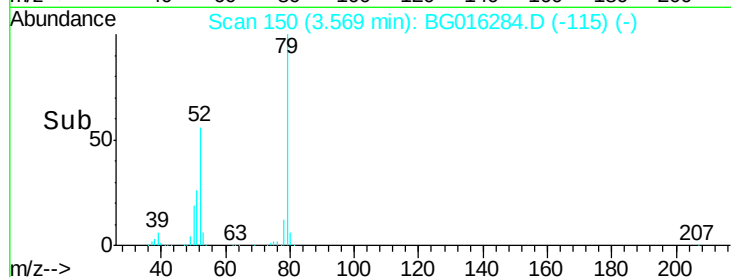
79 100

52 56.4 49.0 73.4

51 26.8 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: 36.85 ng

RT: 3.49 min Scan# 136

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

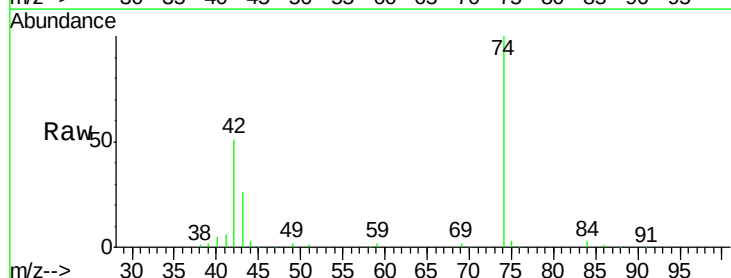
Tgt Ion: 42 Resp: 57938

Ion Ratio Lower Upper

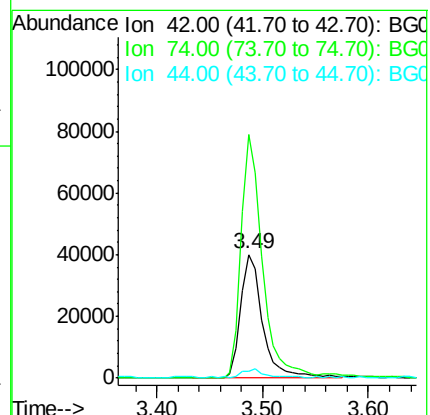
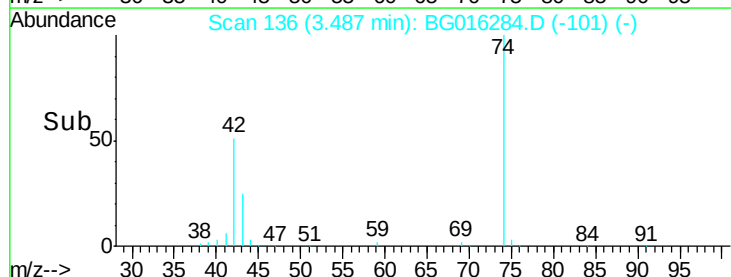
42 100

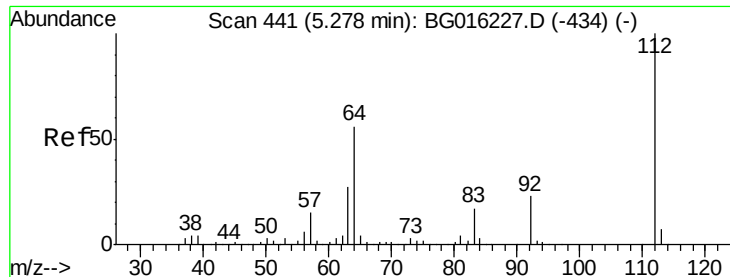
74 197.1 153.7 230.5

44 6.0 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: 143.04 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

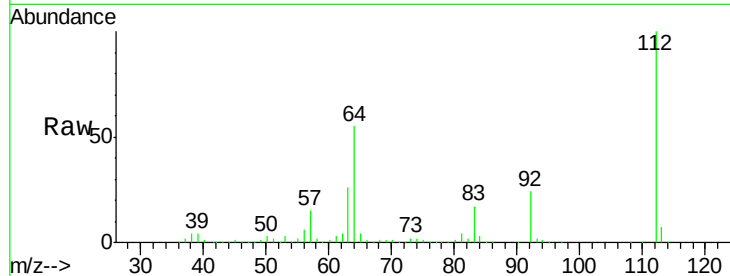
Instrument :

BNA_G

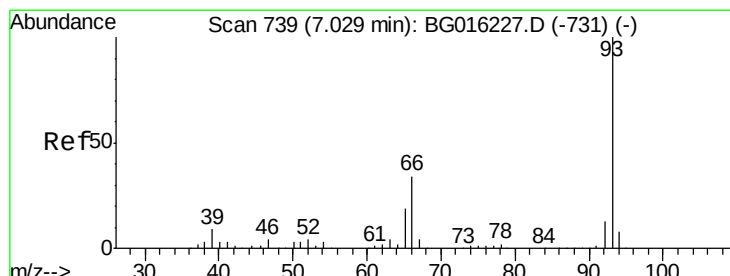
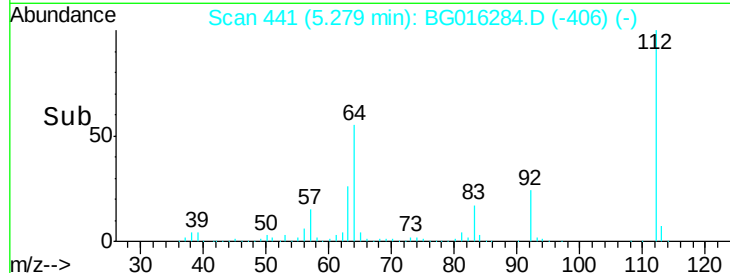
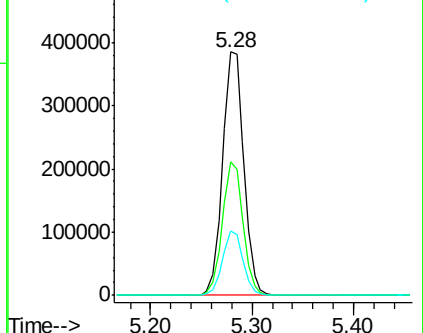
ClientSampleId :

SB-18-12-13MSD

Tot Ion:	112	Resp:	556792
Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.5	66.7
63	26.4	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: 33.66 ng

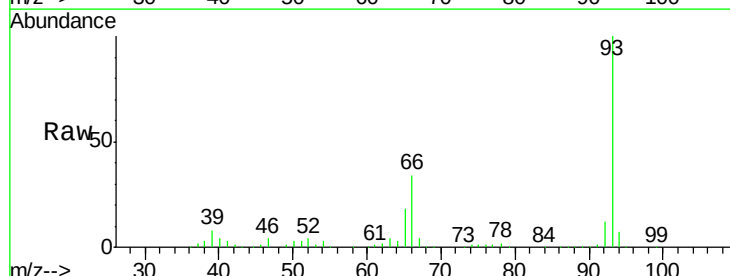
RT: 7.03 min Scan# 739

Delta R.T. 0.01 min

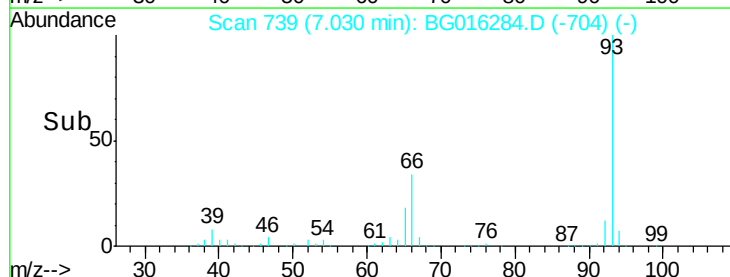
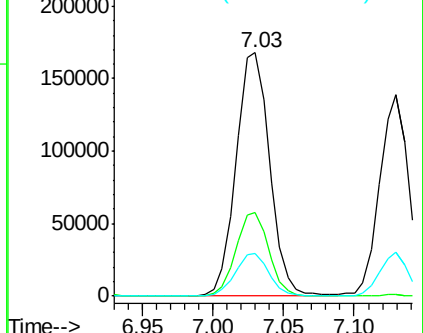
Lab File: BG016284.D

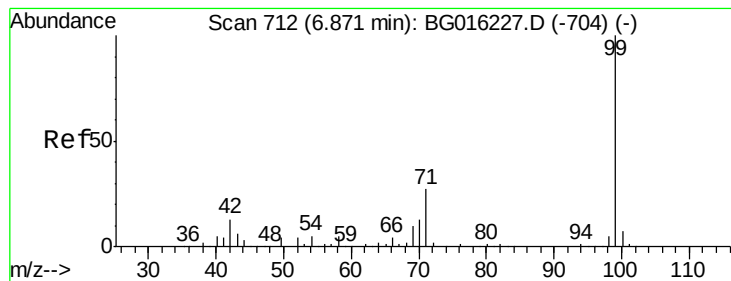
Acq: 8 Apr 2015 20:19

Tgt Ion:	93	Resp:	280932
Ion	Ratio	Lower	Upper
93	100		
66	34.4	27.5	41.3
65	17.7	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: 144.27 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

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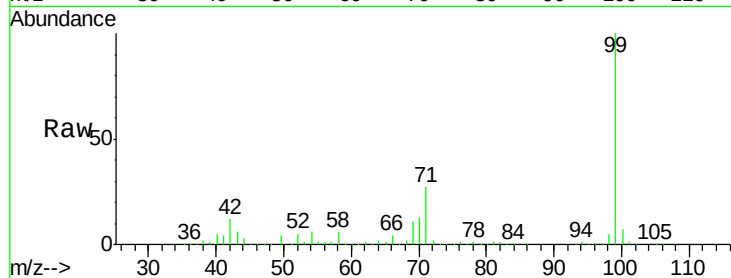
Tot Ion: 99 Resp: 843066

Ion Ratio Lower Upper

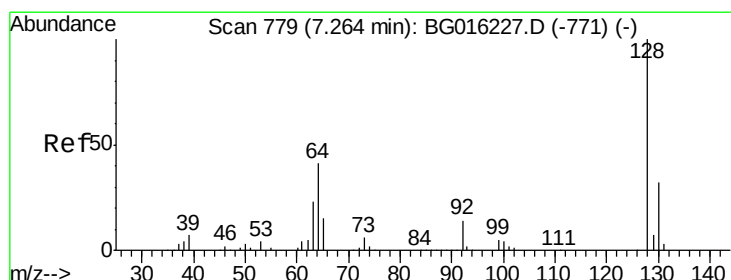
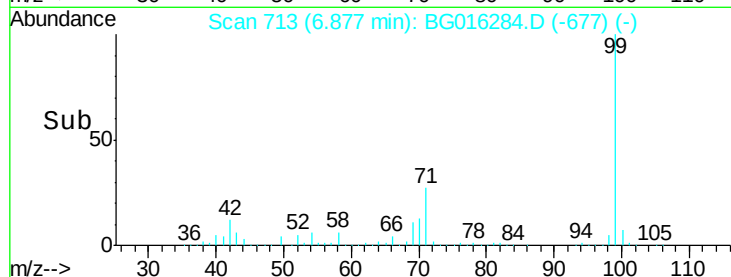
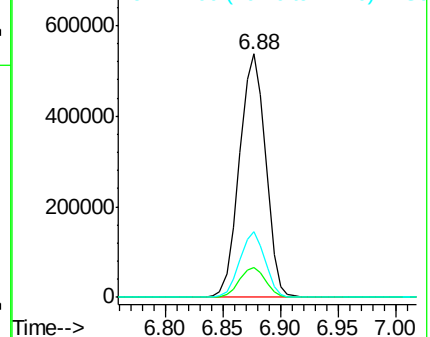
99 100

42 12.4 10.0 15.0

71 26.8 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: 45.31 ng

RT: 7.26 min Scan# 779

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

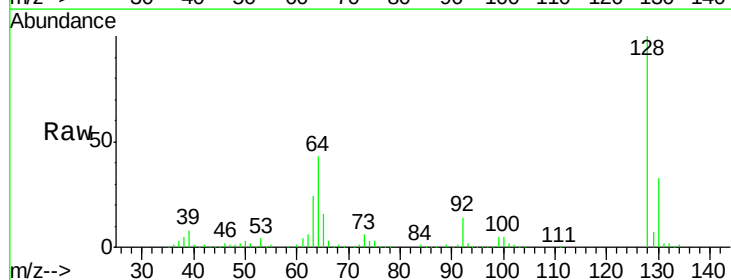
Tgt Ion: 128 Resp: 211819

Ion Ratio Lower Upper

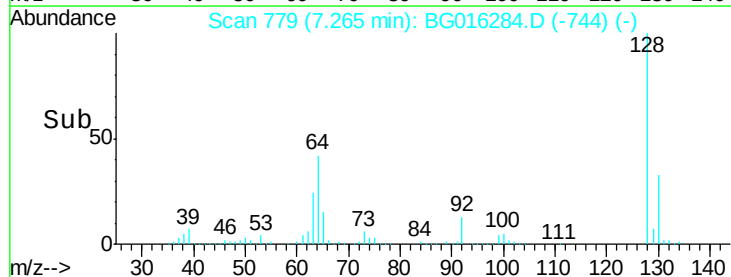
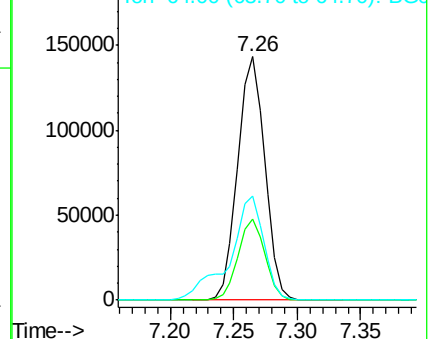
128 100

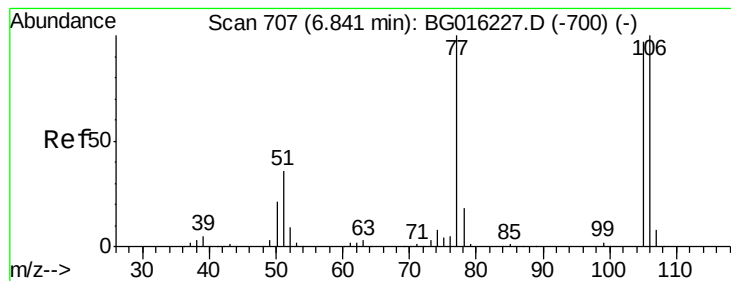
130 33.4 11.6 51.6

64 42.6 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: 20.81 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

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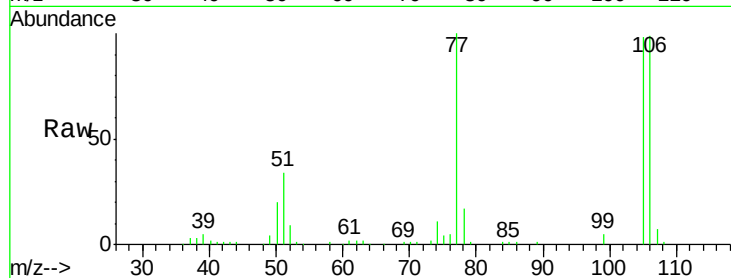
Tot Ion: 77 Resp: 71242

Ion Ratio Lower Upper

77 100

105 97.6 76.8 116.8

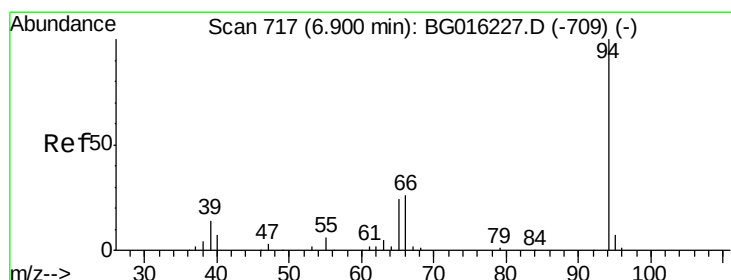
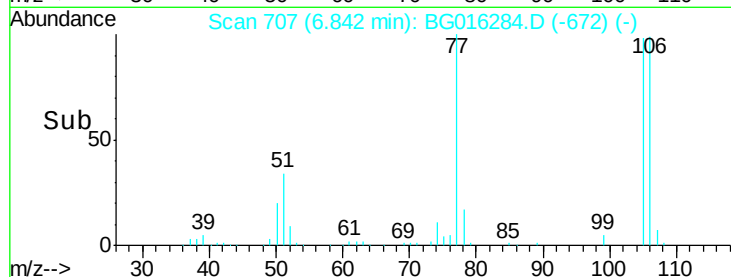
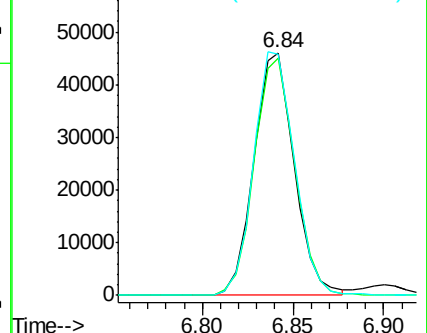
106 99.3 80.1 120.1



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: 49.20 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

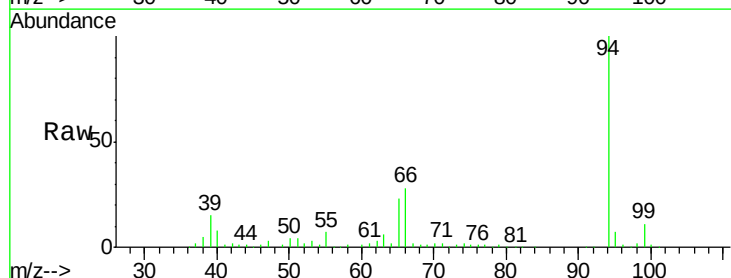
Tgt Ion: 94 Resp: 307593

Ion Ratio Lower Upper

94 100

65 23.3 3.8 43.8

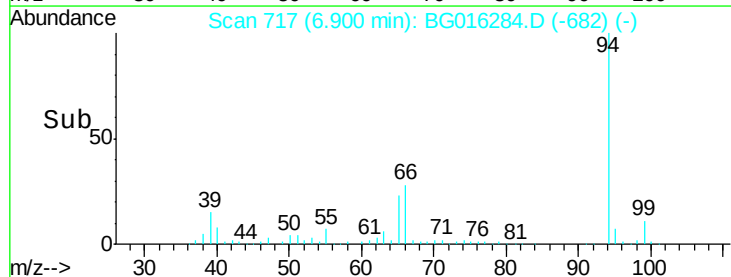
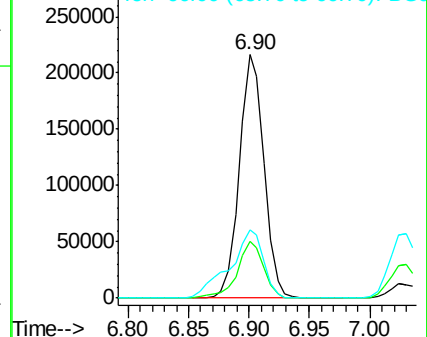
66 27.8 7.4 47.4

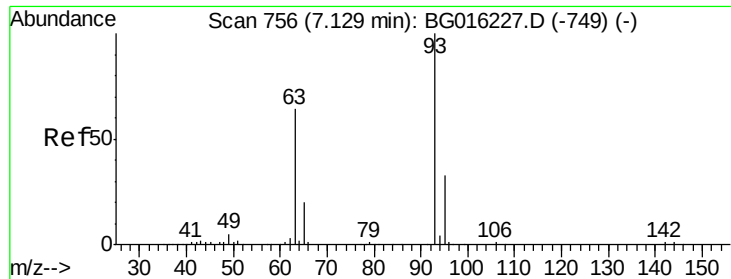


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.24 ng

RT: 7.13 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

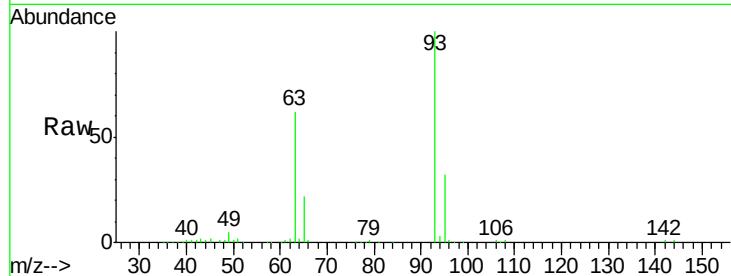
Tot Ion: 93 Resp: 200625

Ion Ratio Lower Upper

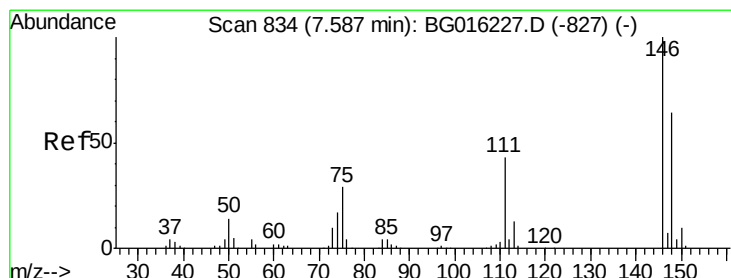
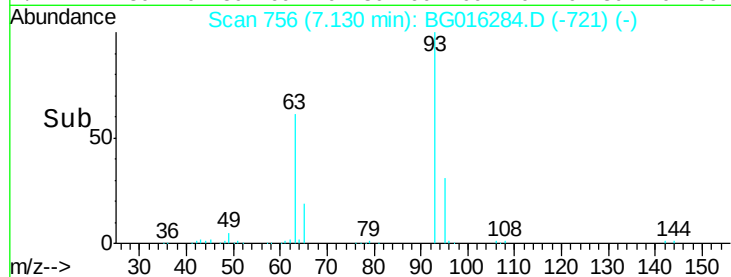
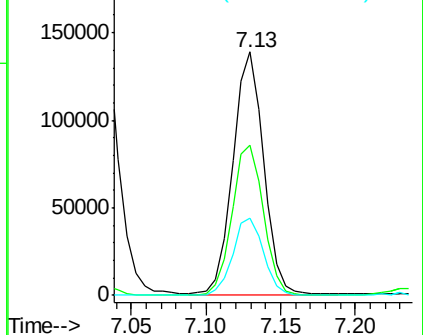
93 100

63 61.8 44.1 84.1

95 31.7 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: 38.20 ng

RT: 7.59 min Scan# 834

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

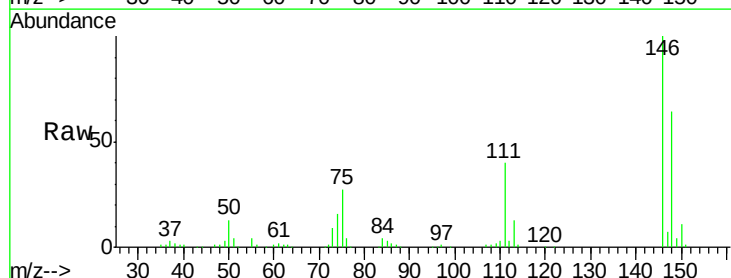
Tgt Ion: 146 Resp: 180334

Ion Ratio Lower Upper

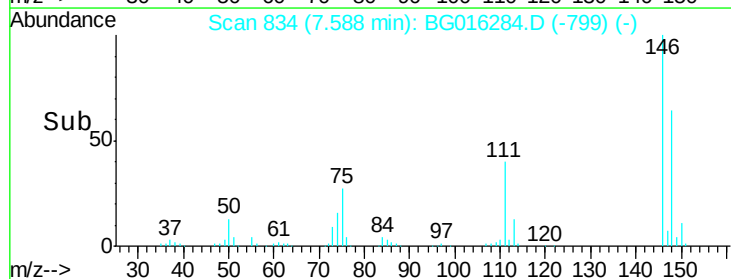
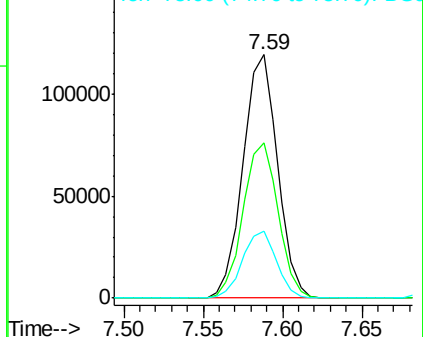
146 100

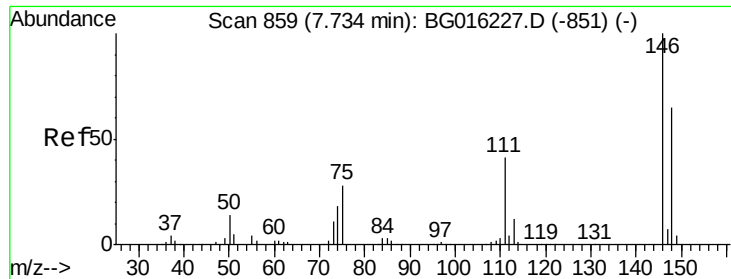
148 63.8 50.9 76.3

75 27.3 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

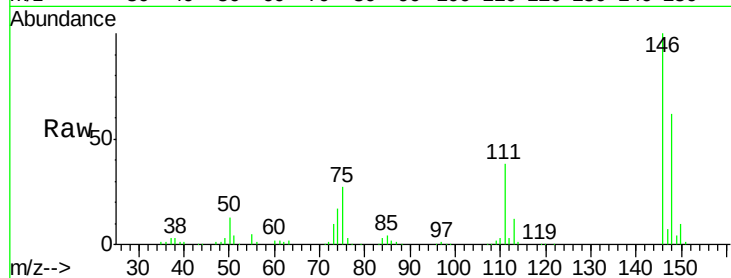




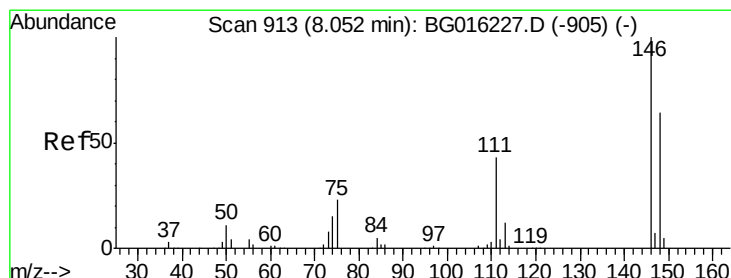
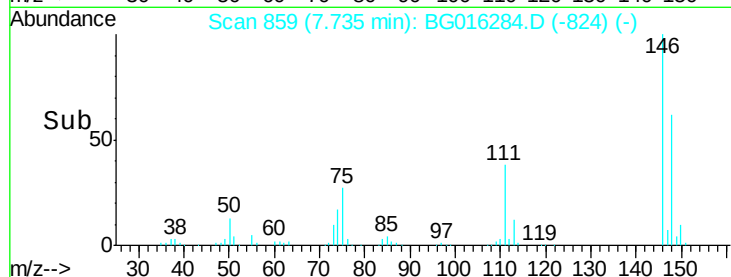
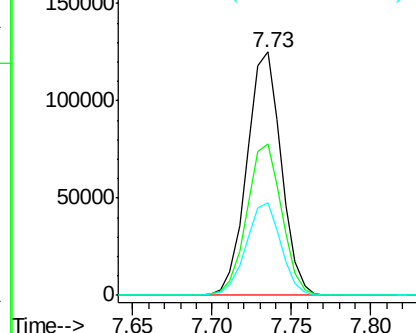
#13
 1,4-Dichlorobenzene
 Concen: 38.34 ng
 RT: 7.73 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

Tot Ion:146 Resp: 187764
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.0 78.0
 111 38.2 32.6 49.0

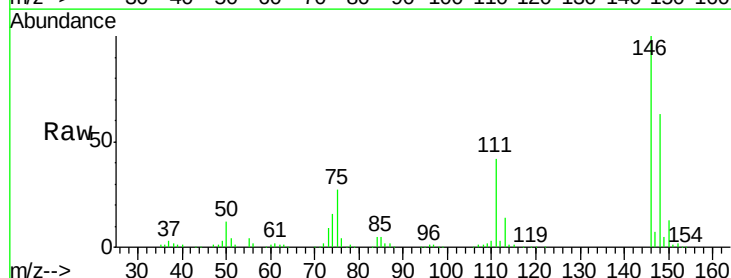


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

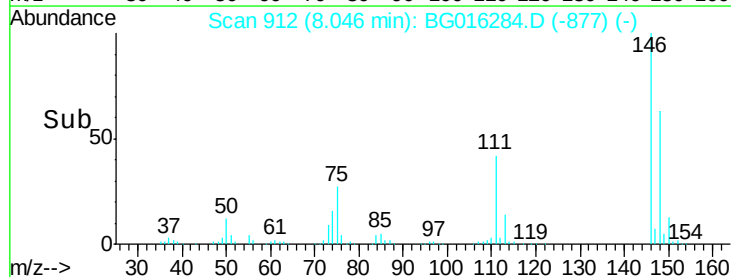
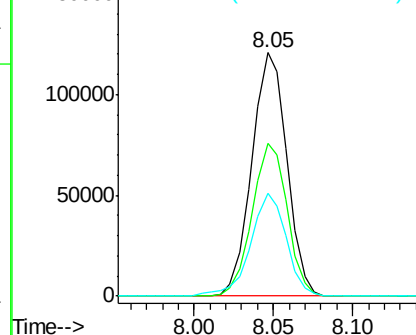


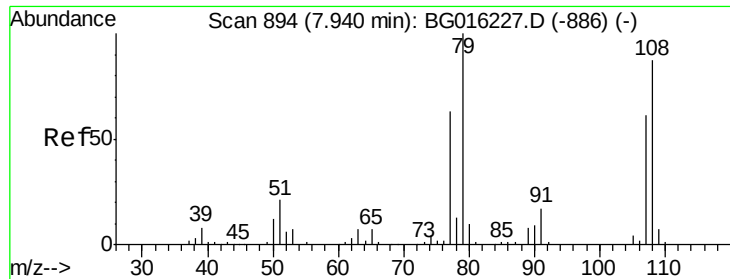
#14
 1,2-Dichlorobenzene
 Concen: 39.59 ng
 RT: 8.05 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion:146 Resp: 185406
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.9 76.3
 111 42.1 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: 42.66 ng

RT: 7.94 min Scan# 894

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

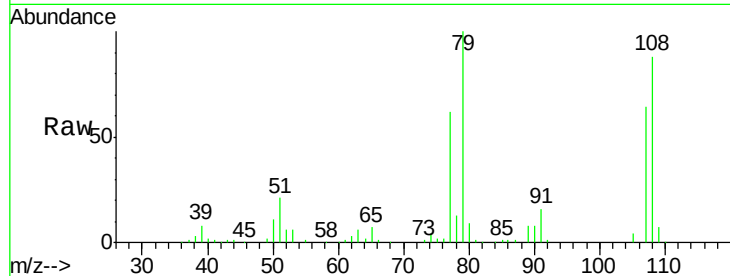
Tot Ion: 79 Resp: 173790

Ion Ratio Lower Upper

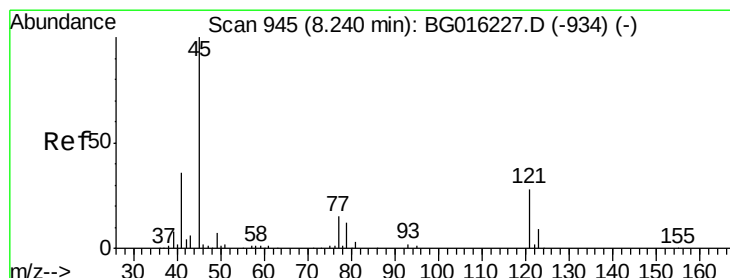
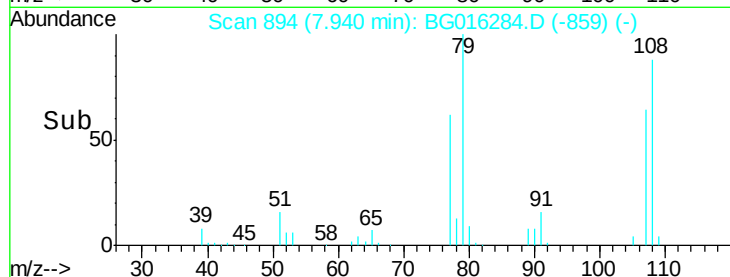
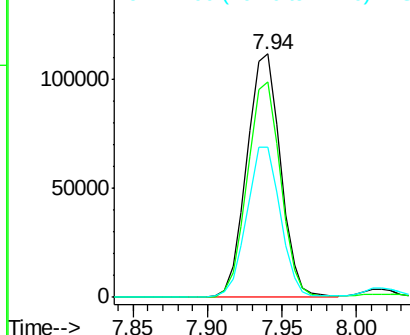
79 100

108 88.3 69.3 103.9

77 61.8 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.97 ng

RT: 8.23 min Scan# 944

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

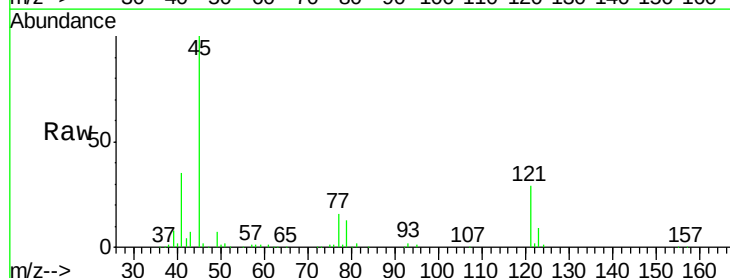
Tgt Ion: 45 Resp: 224418

Ion Ratio Lower Upper

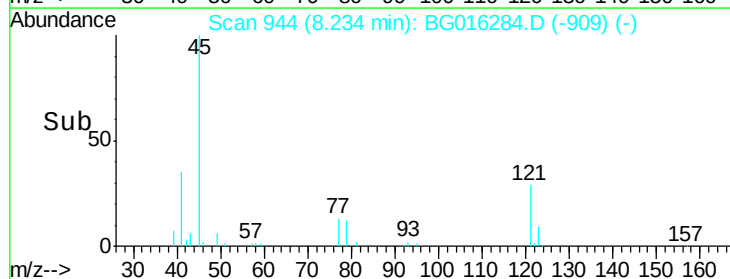
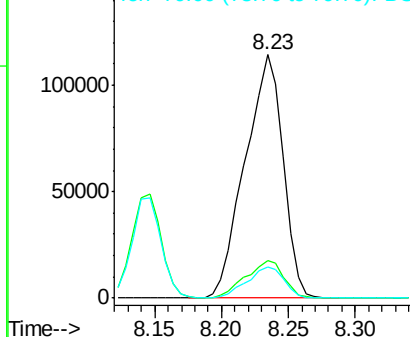
45 100

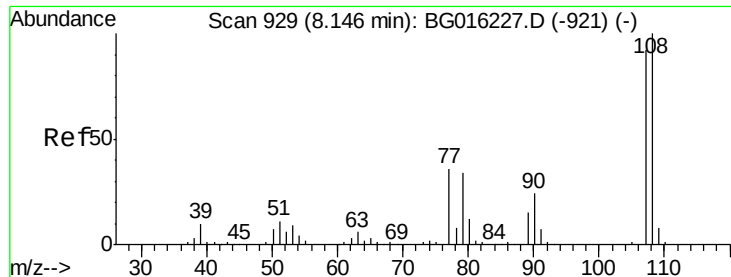
77 15.5 0.0 35.3

79 13.0 0.0 32.3



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

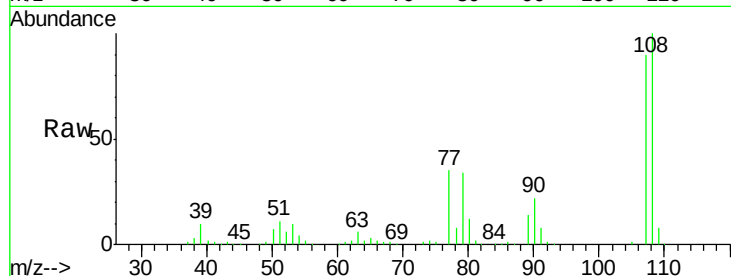




#17
2-Methylphenol
Concen: 45.68 ng
RT: 8.15 min Scan# 929
Delta R.T. 0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

Tot Ion:	107	Resp:	191534
Ion	Ratio	Lower	Upper
107	100		
108	110.6	87.2	130.8
77	38.9	31.1	46.7
79	37.5	29.7	44.5



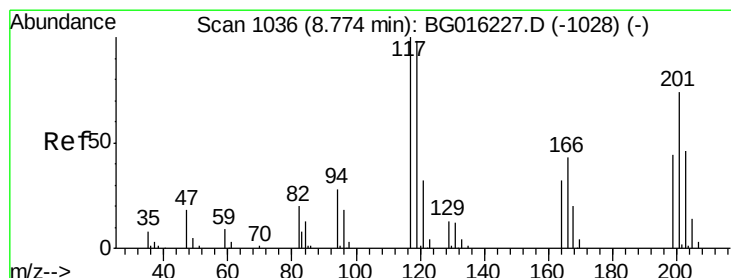
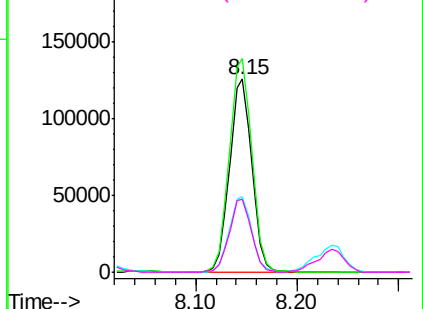
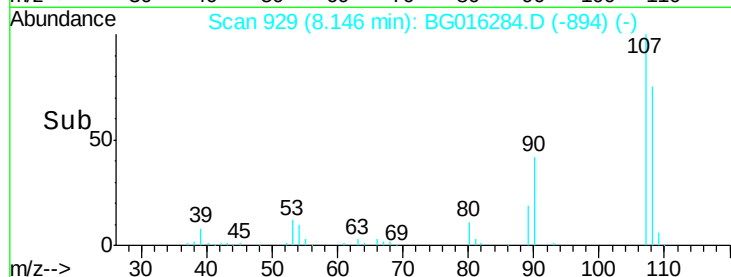
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

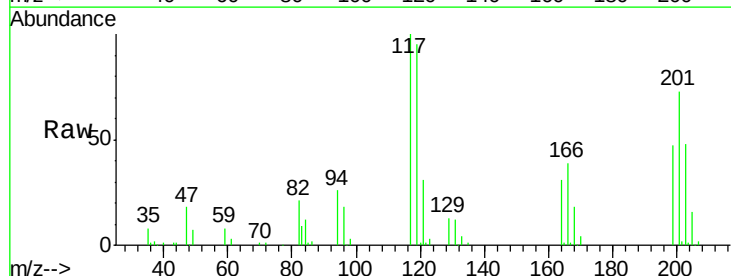
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.19 ng
RT: 8.77 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:	117	Resp:	67792
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.8	118.2
201	72.7	59.0	88.4

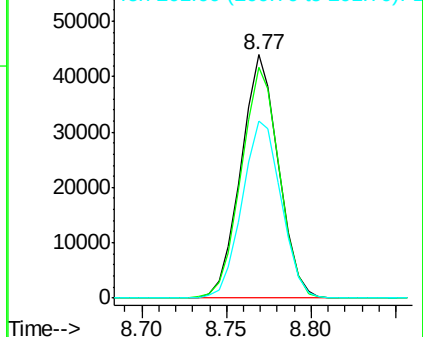
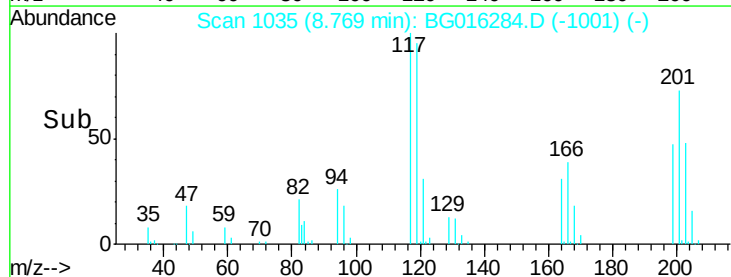


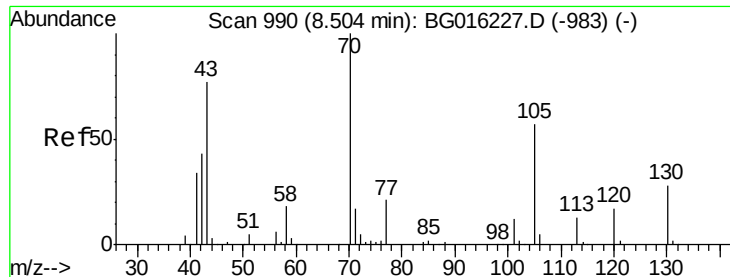
Abundance

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

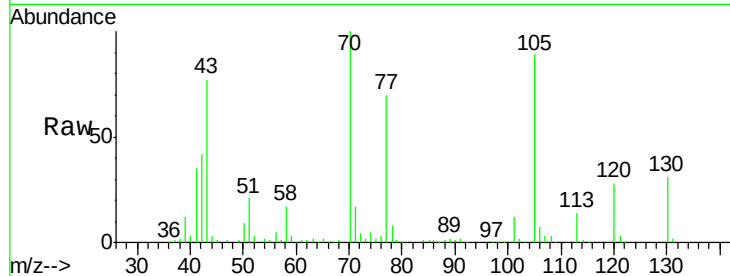




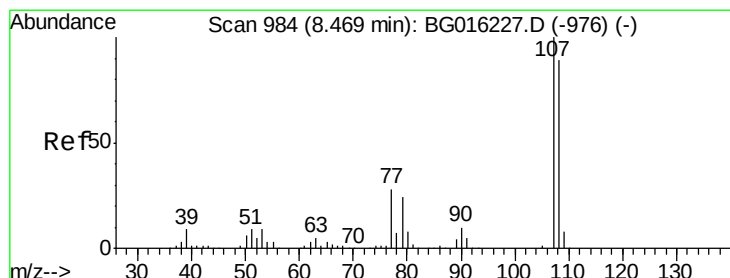
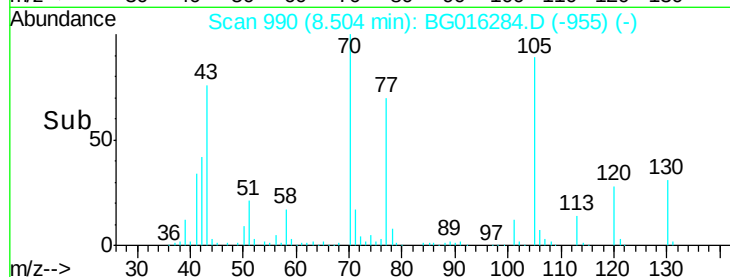
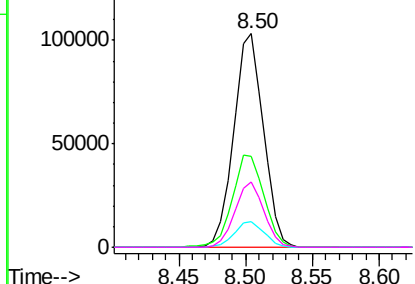
#19
n-Nitroso-di-n-propylamine
Concen: 38.06 ng
RT: 8.50 min Scan# 990
Delta R.T. 0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

Tot Ion: 70 Resp: 159356
Ion Ratio Lower Upper
70 100
42 42.4 34.7 52.1
101 11.9 9.2 13.8
130 30.7 22.6 33.8

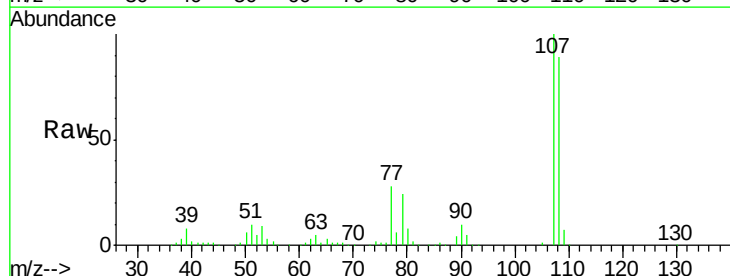


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

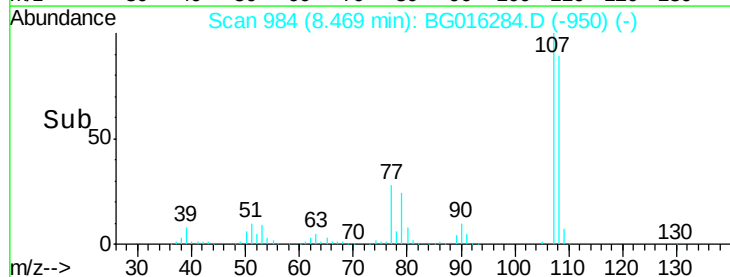
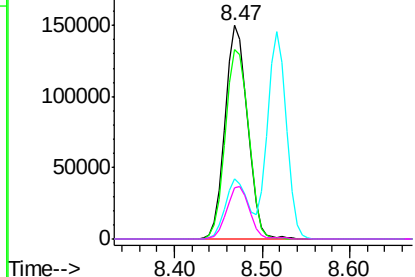


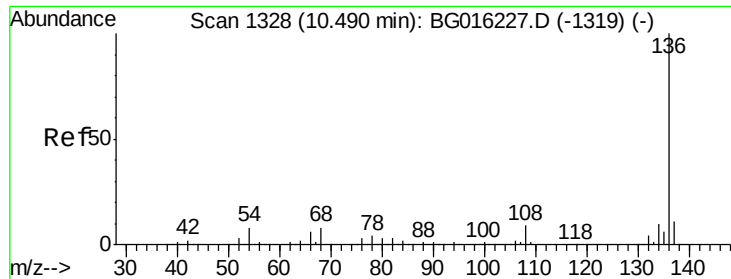
#20
3+4-Methylphenols
Concen: 45.25 ng
RT: 8.47 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:107 Resp: 262805
Ion Ratio Lower Upper
107 100
108 88.7 69.5 109.5
77 28.5 8.2 48.2
79 24.2 3.8 43.8



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

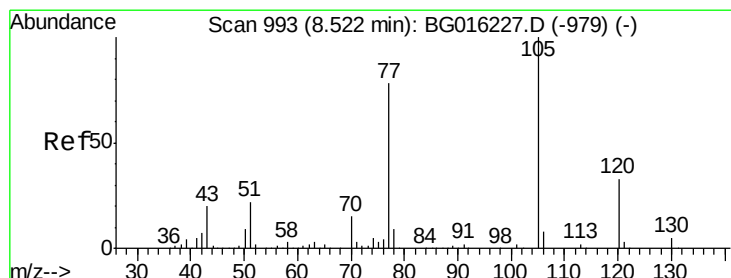
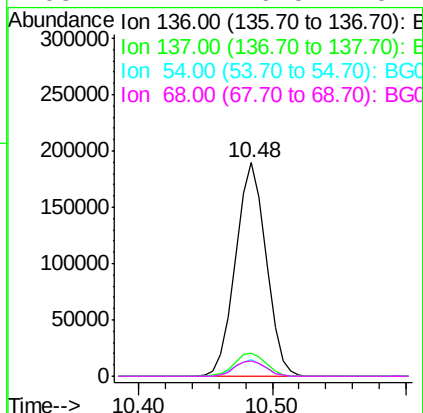
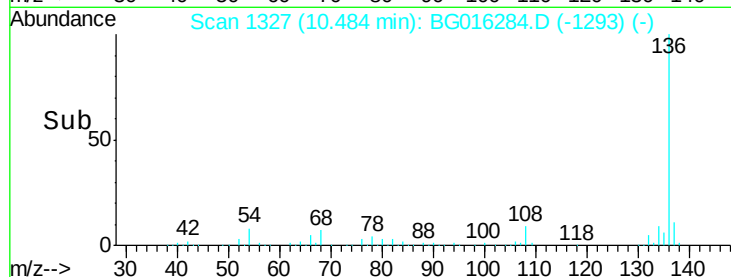
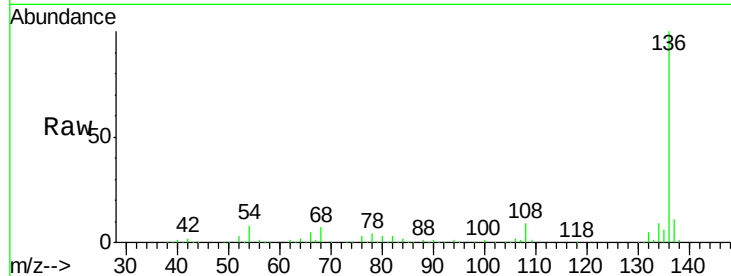




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

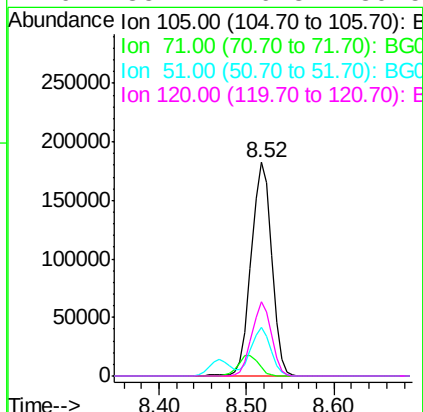
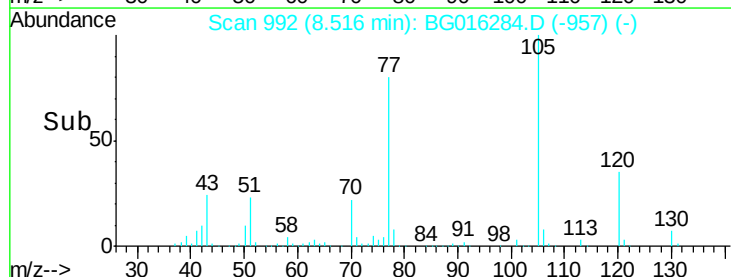
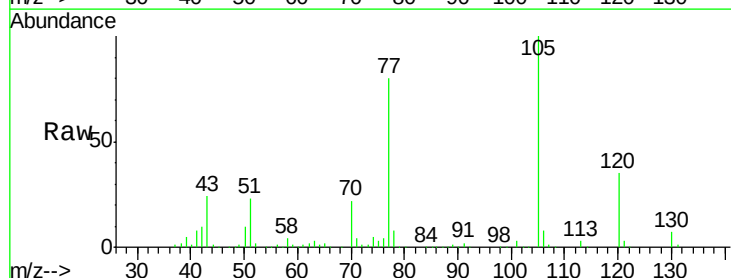
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

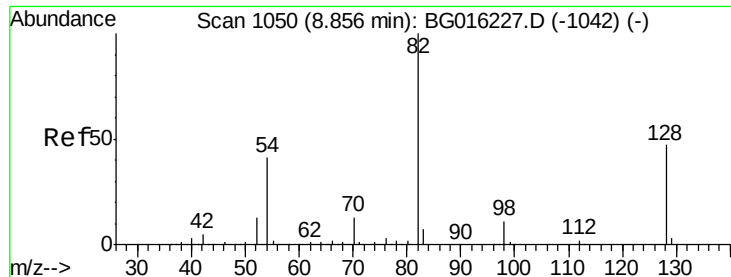
Tot Ion:136	Resp:	300883	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.7	13.1	
54 7.5	6.3	9.5	
68 7.2	6.5	9.7	



#22
Acetophenone
Concen: 41.45 ng
RT: 8.52 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt	Ion:105	Resp:	289172
Ion	Ratio	Lower	Upper
105	100		
71	4.1	2.0	3.0#
51	22.8	17.9	26.9
120	35.1	26.3	39.5

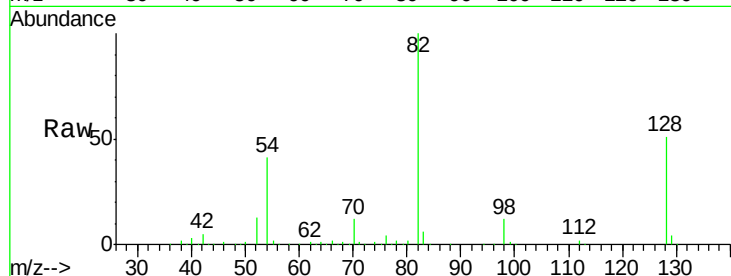




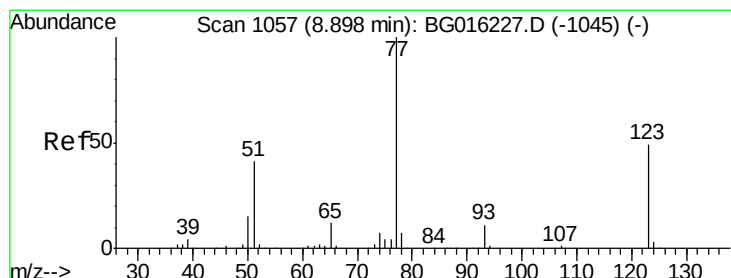
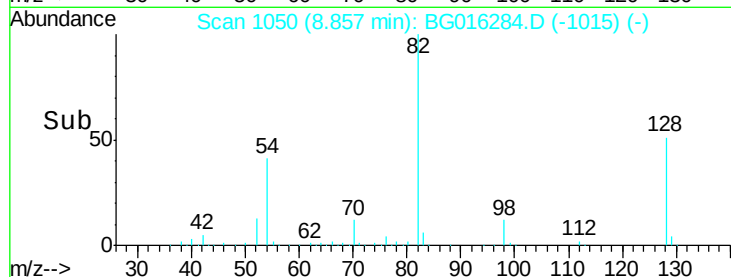
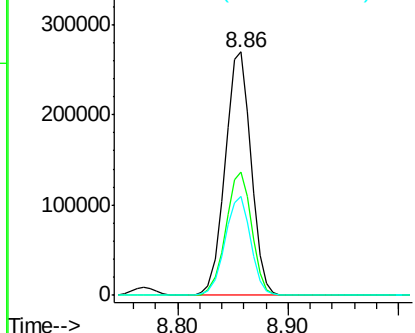
#23
 Nitrobenzene-d5
 Concen: 85.22 ng
 RT: 8.86 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

Tot Ion: 82 Resp: 442611
 Ion Ratio Lower Upper
 82 100
 128 50.6 37.8 56.8
 54 40.5 32.6 49.0

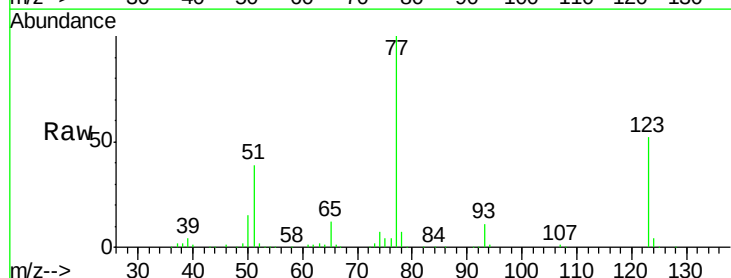


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

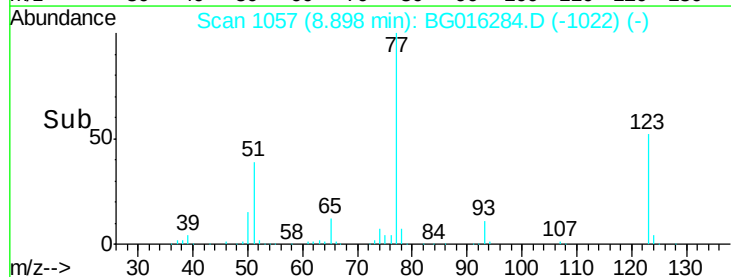
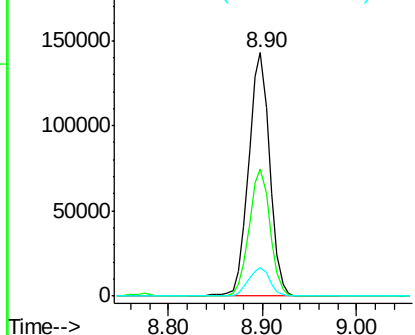


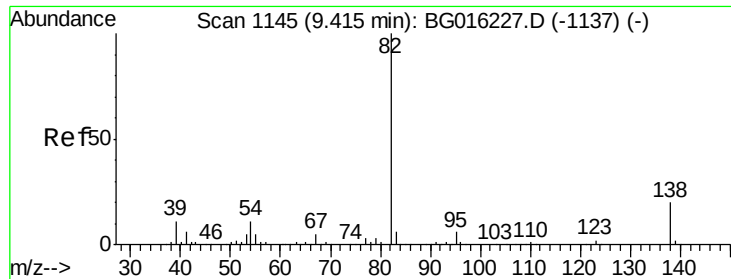
#24
 Nitrobenzene
 Concen: 39.79 ng
 RT: 8.90 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion: 77 Resp: 220985
 Ion Ratio Lower Upper
 77 100
 123 52.4 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: 38.75 ng

RT: 9.42 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

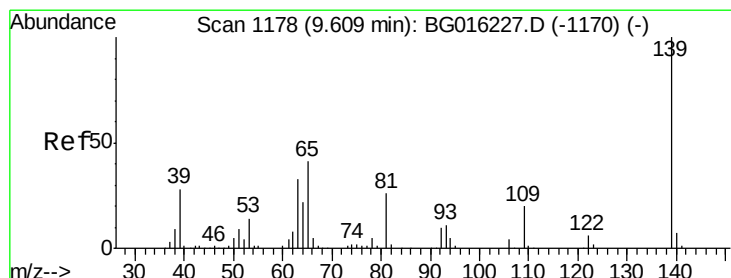
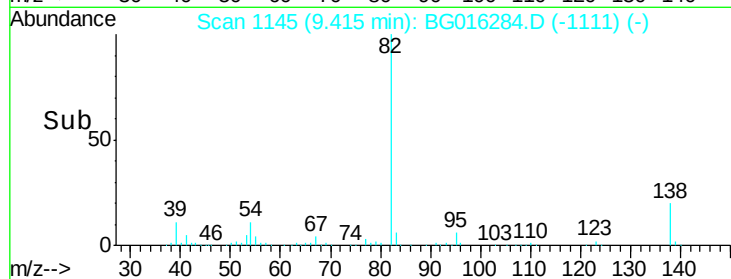
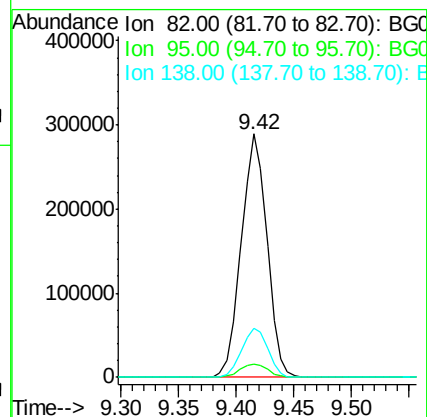
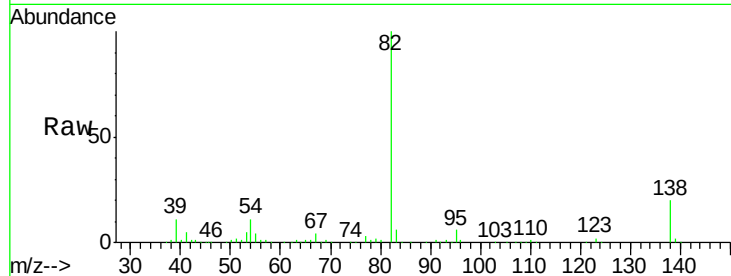
Tot Ion: 82 Resp: 446944

Ion Ratio Lower Upper

82 100

95 5.5 5.0 7.6

138 20.1 16.2 24.2



#26

2-Nitrophenol

Concen: 46.34 ng

RT: 9.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

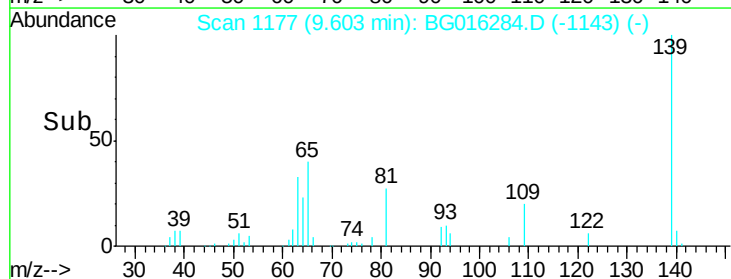
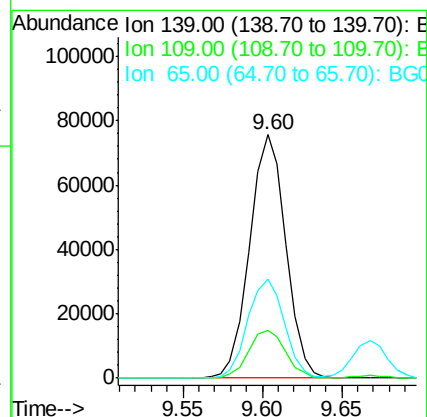
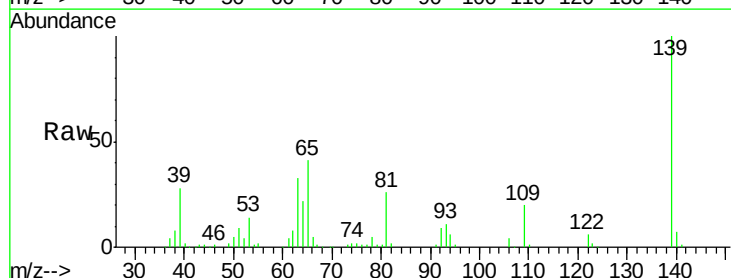
Tgt Ion: 139 Resp: 120025

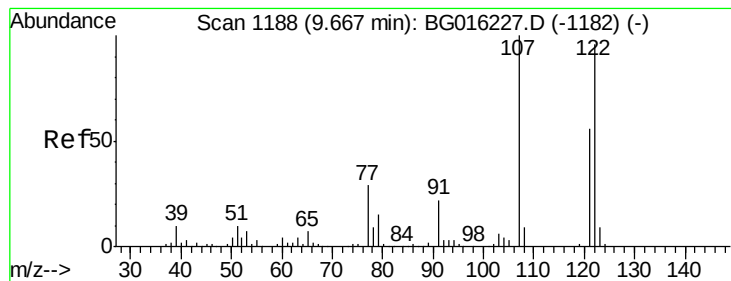
Ion Ratio Lower Upper

139 100

109 19.6 15.9 23.9

65 40.8 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 46.08 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

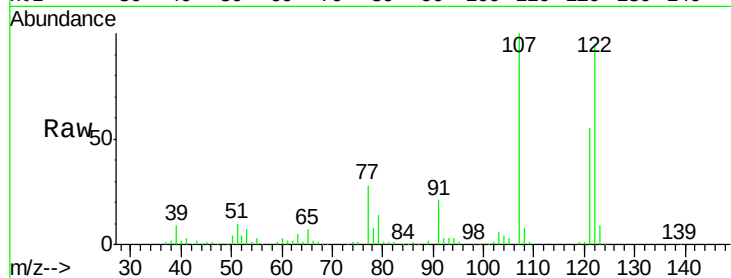
Tot Ion:122 Resp: 222302

Ion Ratio Lower Upper

122 100

107 105.2 83.4 125.2

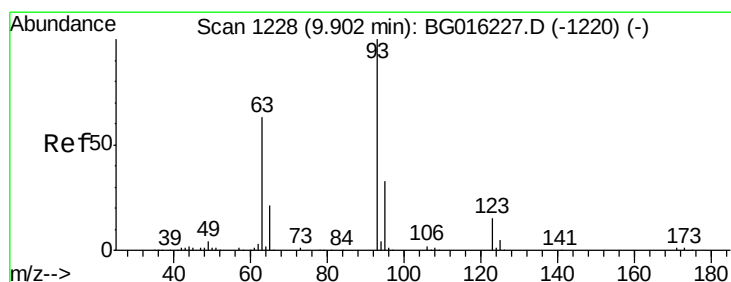
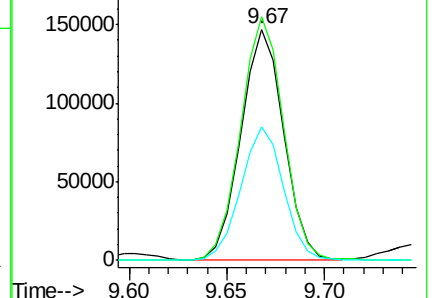
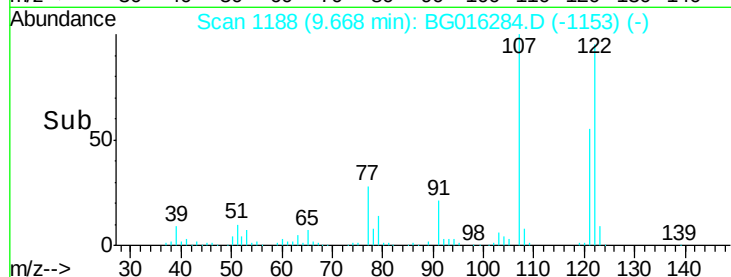
121 58.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.63 ng

RT: 9.90 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

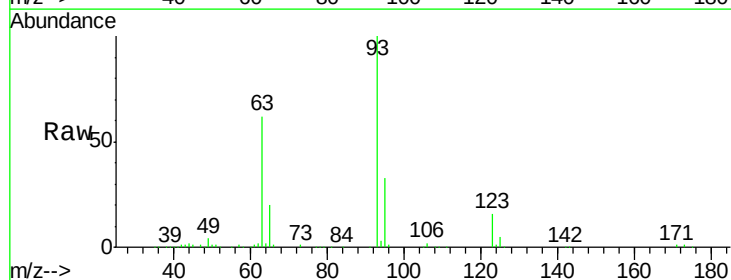
Tgt Ion: 93 Resp: 267515

Ion Ratio Lower Upper

93 100

95 33.1 26.1 39.1

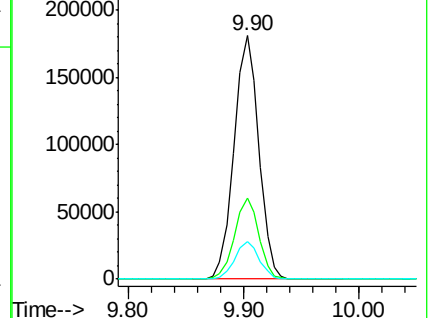
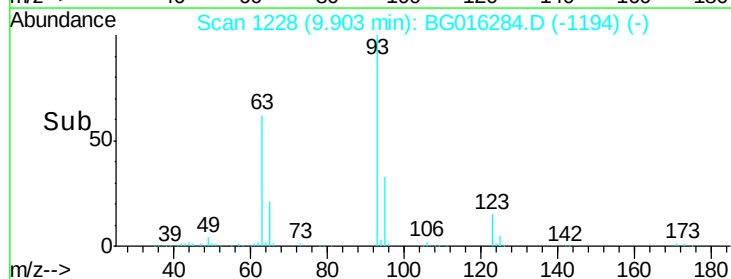
123 15.5 11.8 17.8

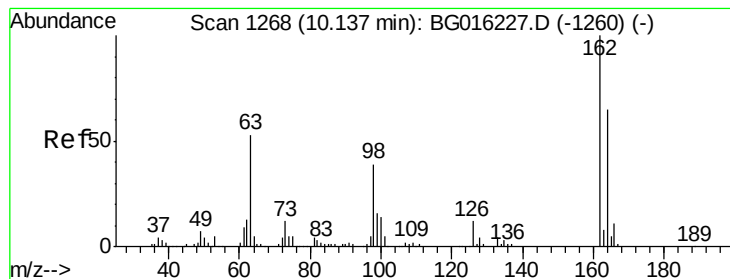


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.64 ng

RT: 10.14 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

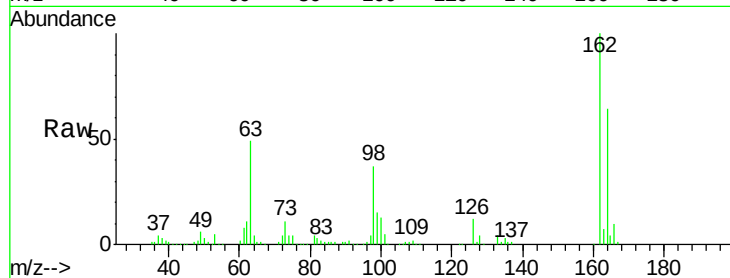
Tot Ion:162 Resp: 185672

Ion Ratio Lower Upper

162 100

164 63.8 45.0 85.0

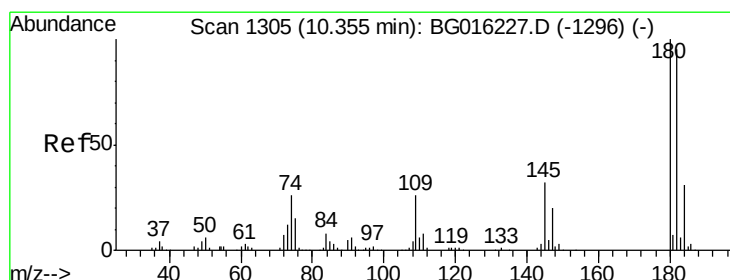
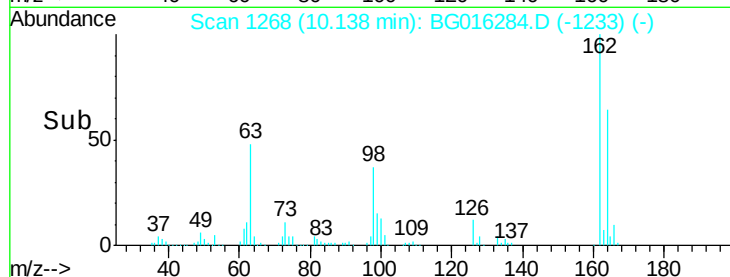
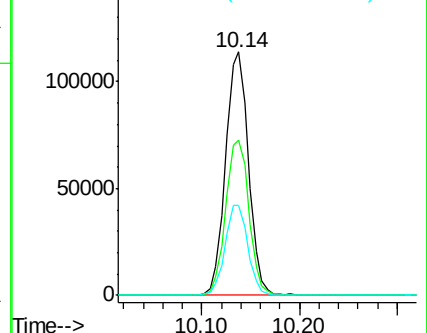
98 36.8 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.50 ng

RT: 10.35 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

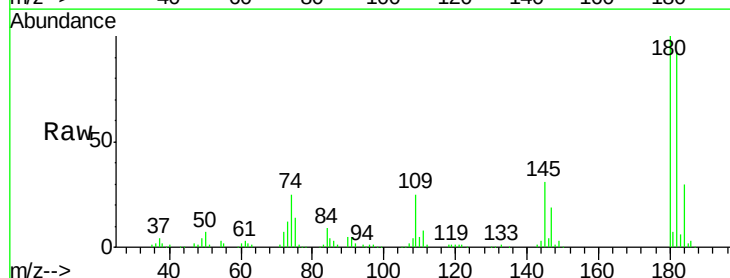
Tgt Ion:180 Resp: 165408

Ion Ratio Lower Upper

180 100

182 92.6 76.3 114.5

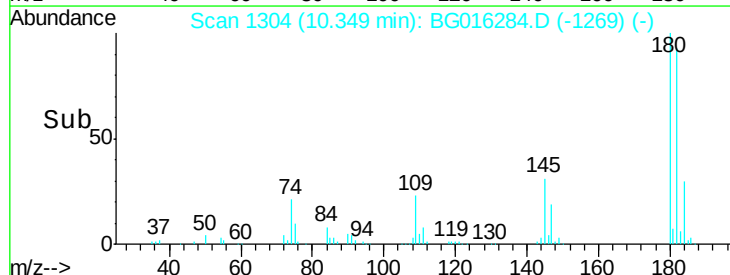
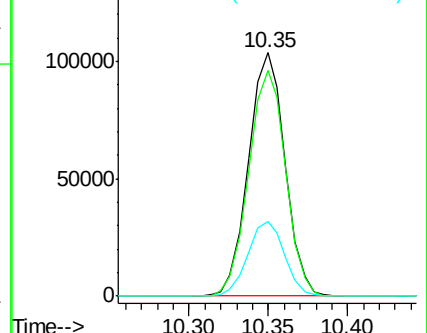
145 30.8 25.2 37.8

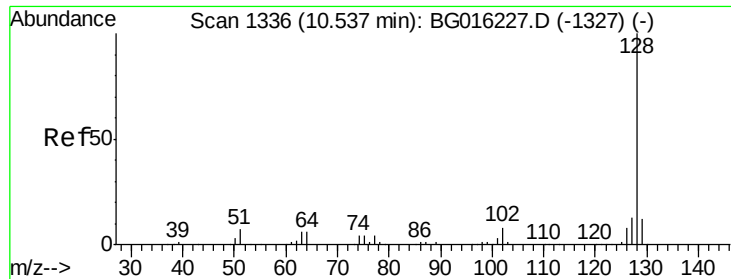


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

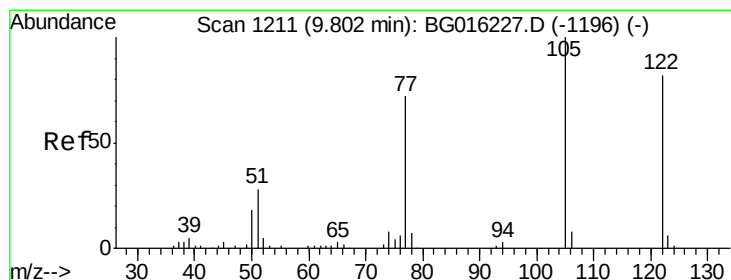
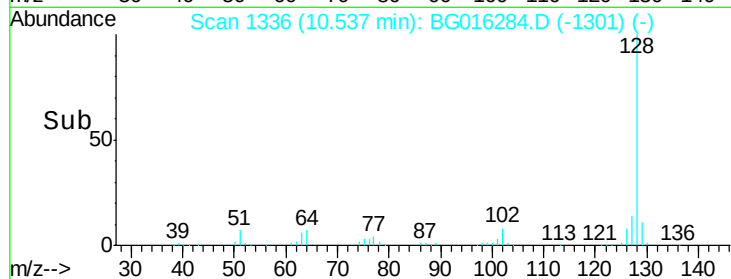
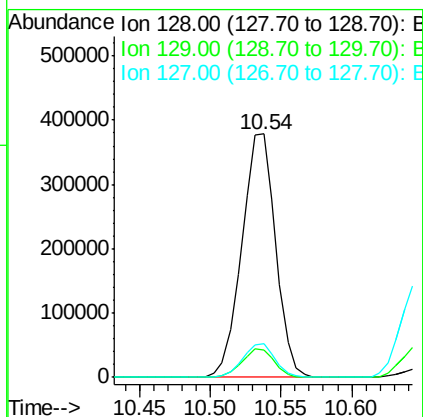
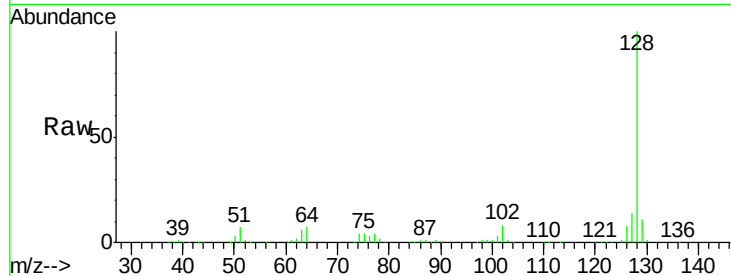




#31
Naphthalene
Concen: 40.43 ng
RT: 10.54 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

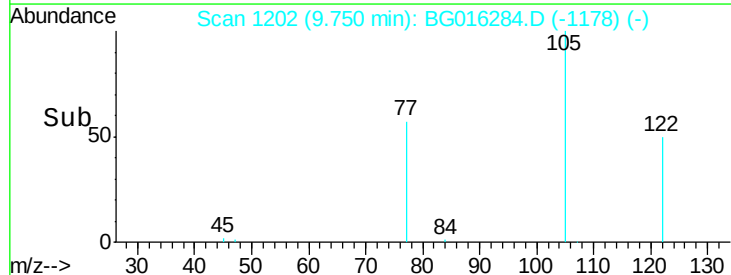
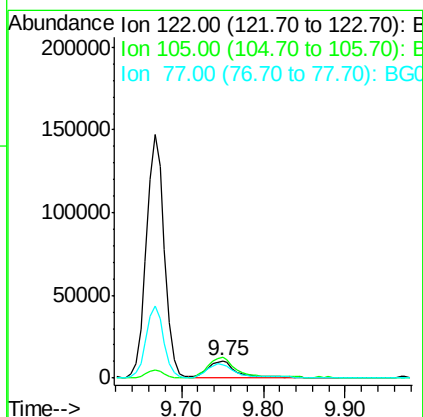
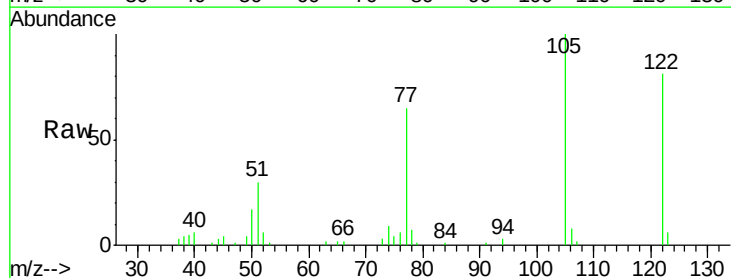
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

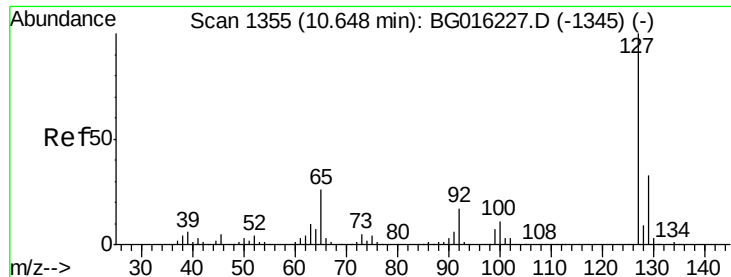
Tot Ion:128 Resp: 633832
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 15.91 ng
RT: 9.75 min Scan# 1202
Delta R.T. -0.06 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:122 Resp: 27615
Ion Ratio Lower Upper
122 100
105 124.0 99.7 139.7
77 80.2 66.8 106.8

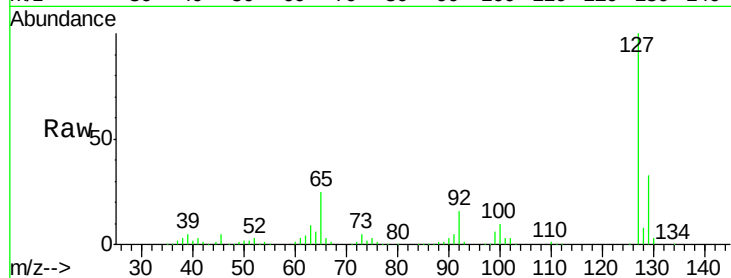




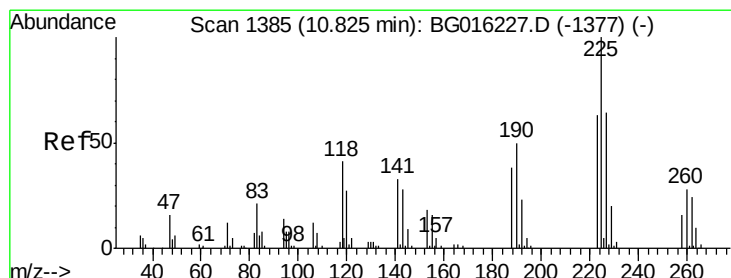
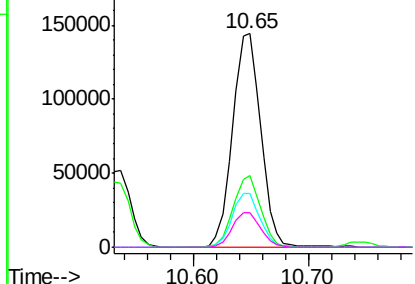
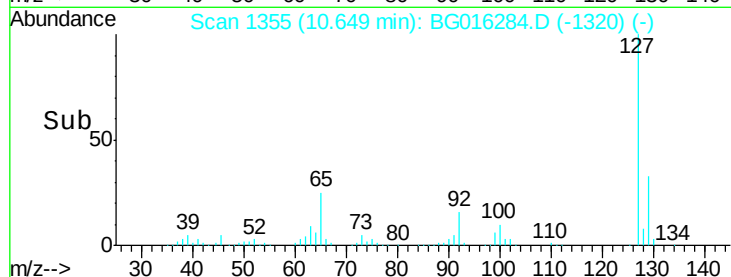
#33
4-Chloroaniline
Concen: 33.26 ng
RT: 10.65 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

Tot Ion:	127	Resp:	244727
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.1	39.1
65	25.1	21.2	31.8
92	16.3	13.8	20.6

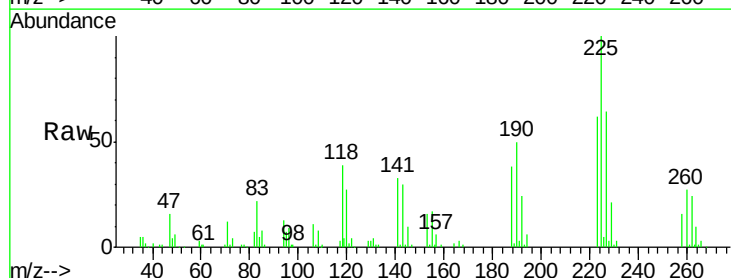


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

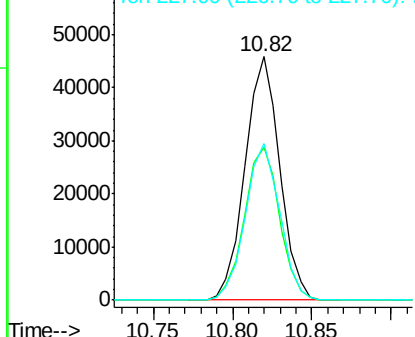
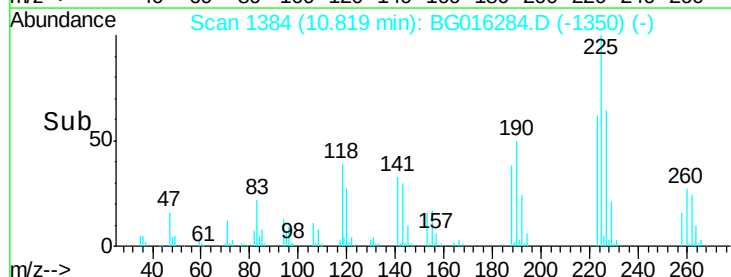


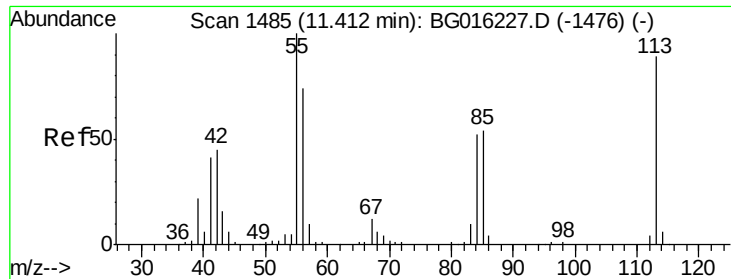
#34
Hexachlorobutadiene
Concen: 39.86 ng
RT: 10.82 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:	225	Resp:	69791
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	64.3	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: 46.67 ng/ml

RT: 11.41 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

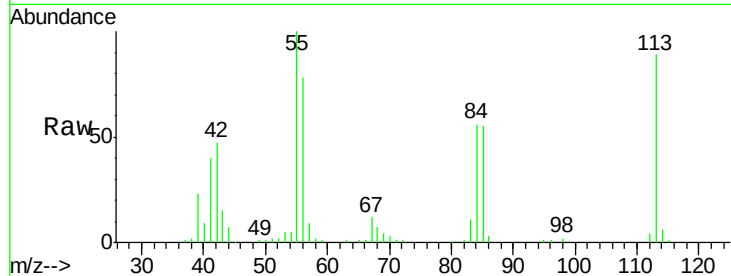
Tot Ion:113 Resp: 112149

Ion Ratio Lower Upper

113 100

55 111.8 92.4 132.4

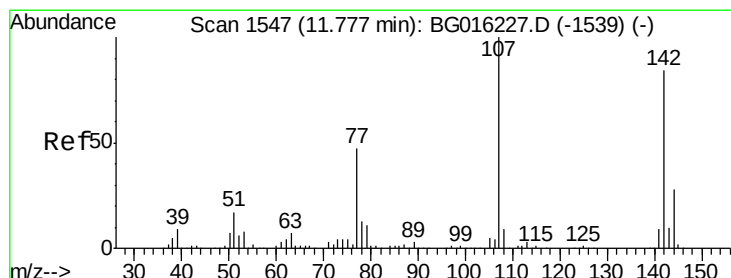
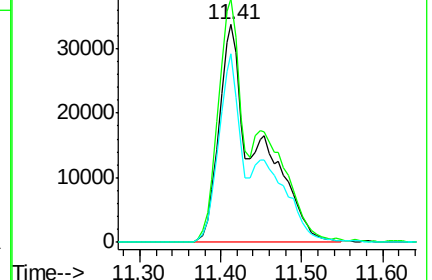
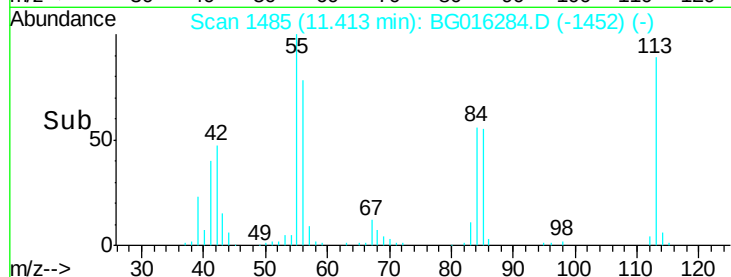
56 86.8 63.2 103.2



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: 46.44 ng/ml

RT: 11.78 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

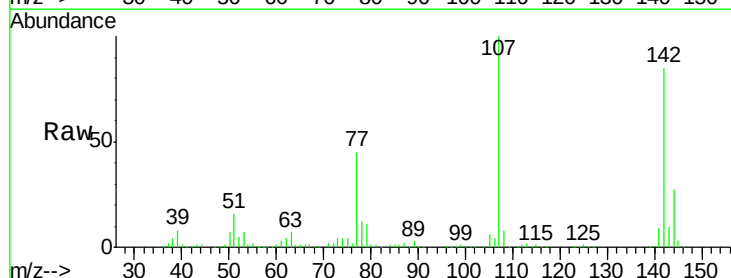
Tgt Ion:107 Resp: 234170

Ion Ratio Lower Upper

107 100

144 27.5 22.0 33.0

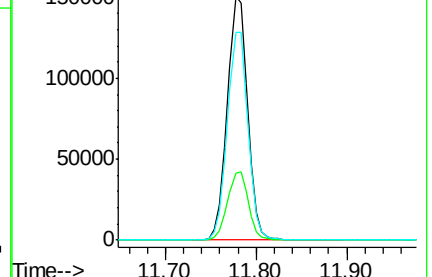
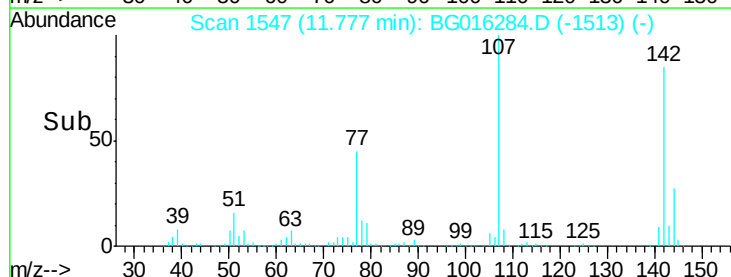
142 85.4 67.0 100.6

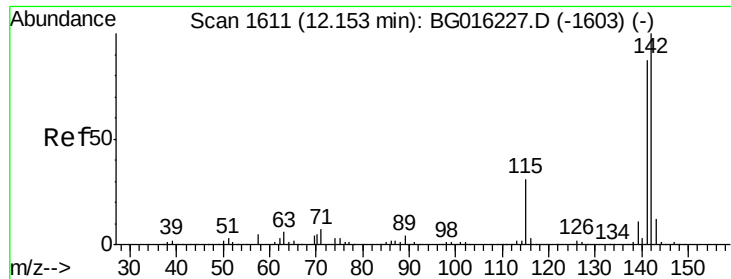


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

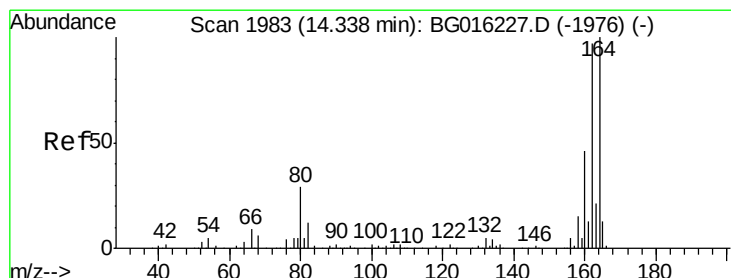
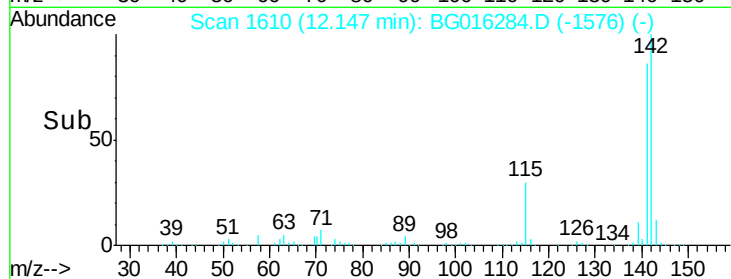
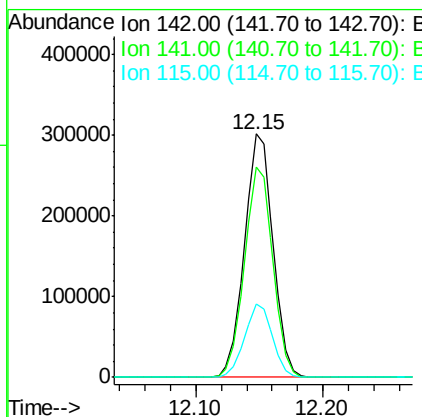
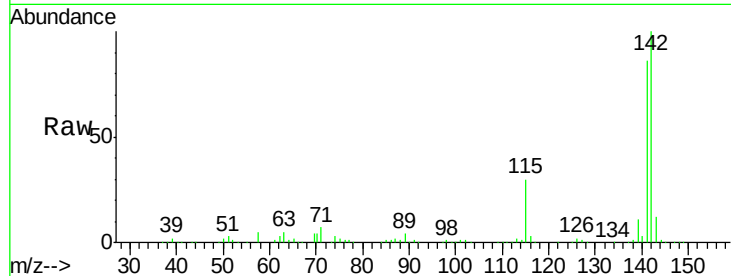




#37
2-Methylnaphthalene
Concen: 41.66 ng
RT: 12.15 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

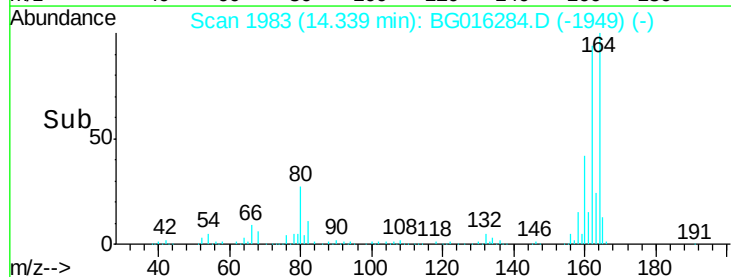
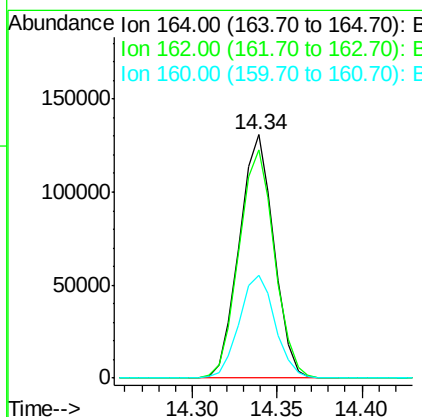
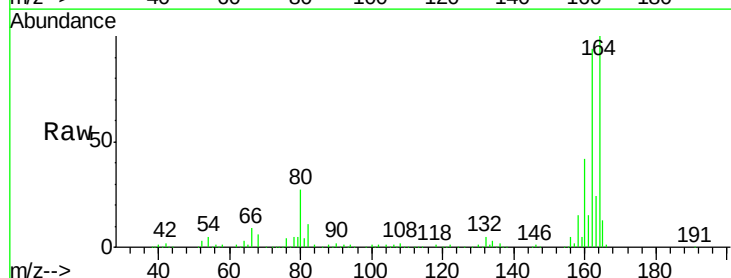
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

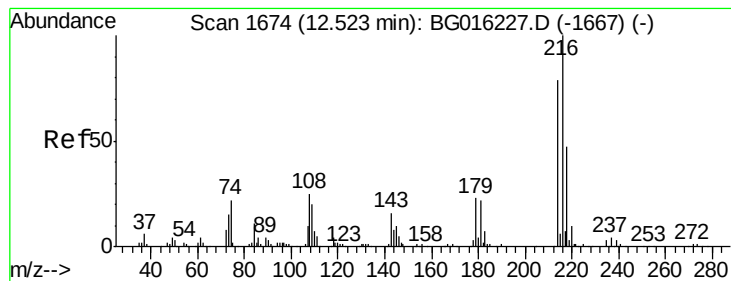
Tot Ion:142 Resp: 469875
Ion Ratio Lower Upper
142 100
141 86.3 69.3 103.9
115 29.9 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:164 Resp: 185902
Ion Ratio Lower Upper
164 100
162 93.6 77.3 115.9
160 42.5 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.17 ng

RT: 12.52 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

Tot Ion:216 Resp: 160327

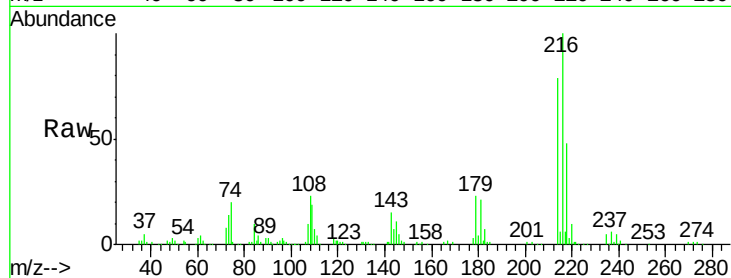
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.8 18.2 27.2

108 27.1 21.2 31.8

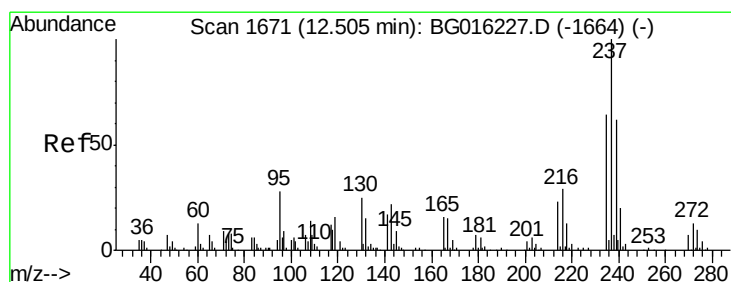
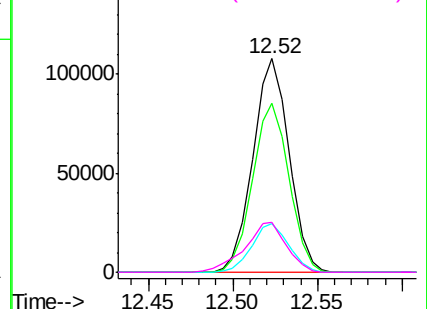
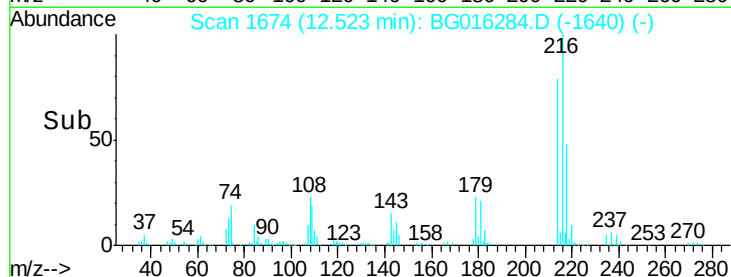


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.37 ng

RT: 12.50 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

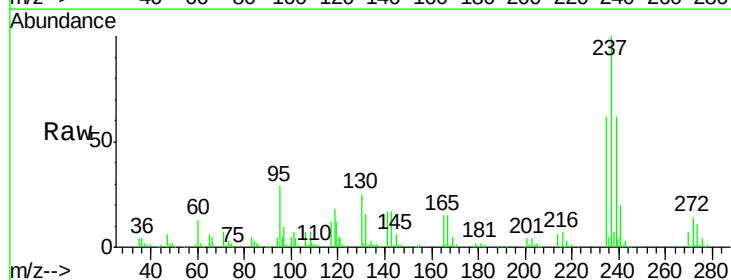
Tgt Ion:237 Resp: 158055

Ion Ratio Lower Upper

237 100

235 61.7 43.9 83.9

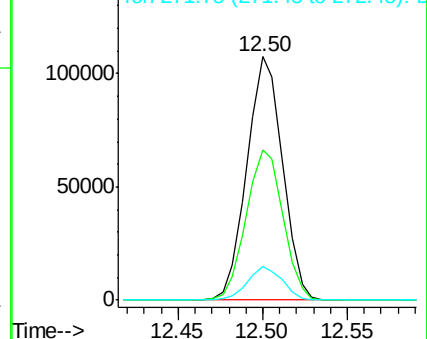
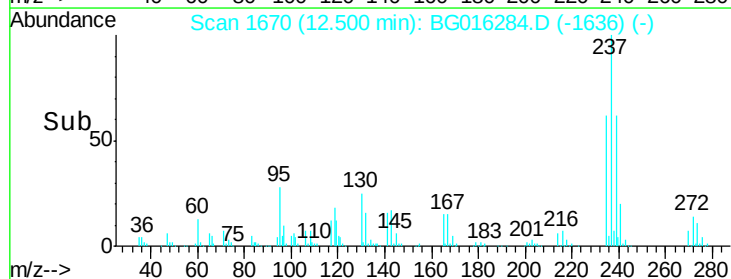
272 13.6 0.0 33.1

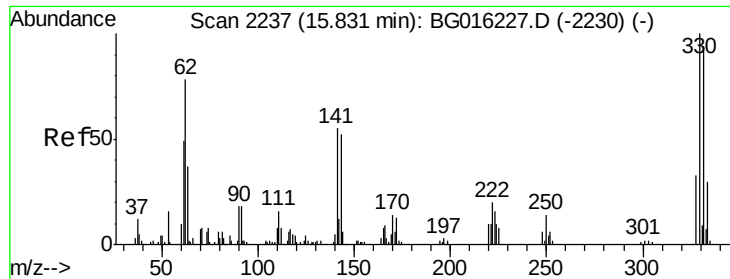


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

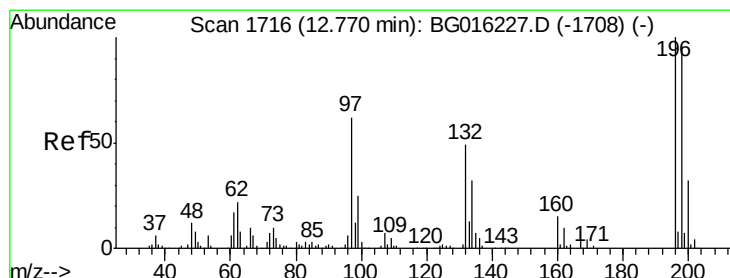
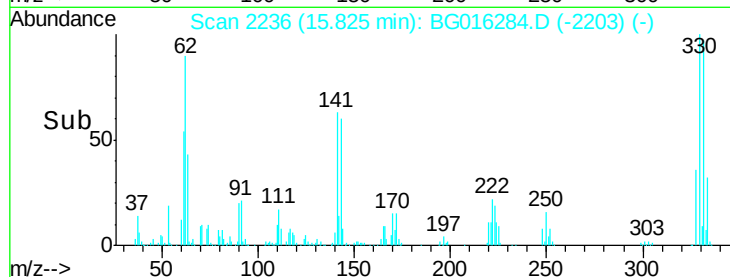
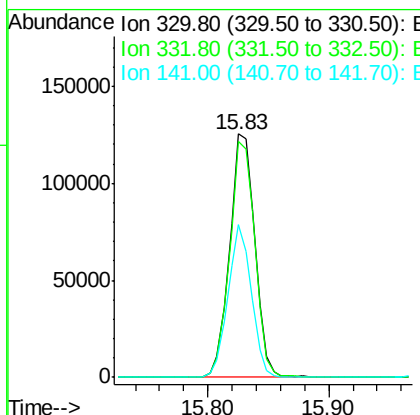
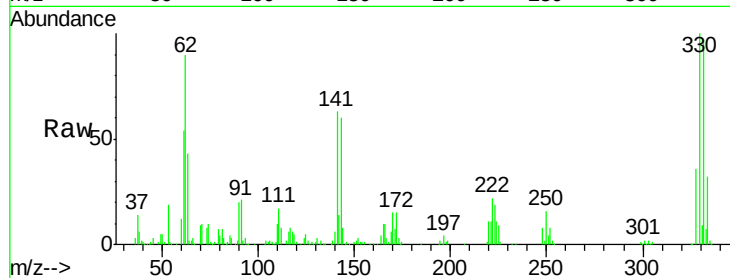




#41
 2,4,6-Tribromophenol
 Concen: 145.20 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

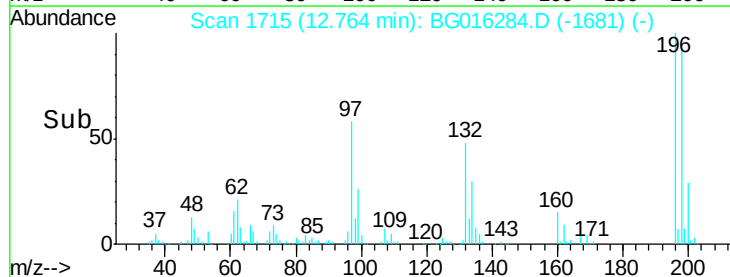
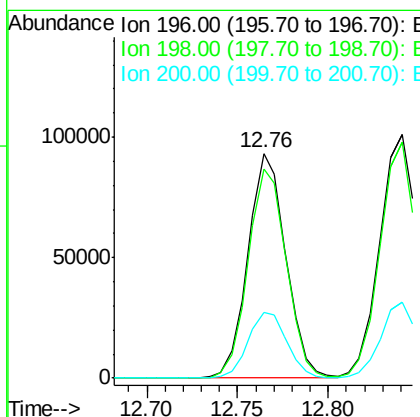
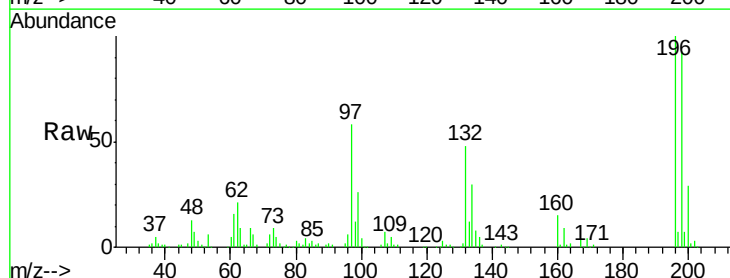
Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

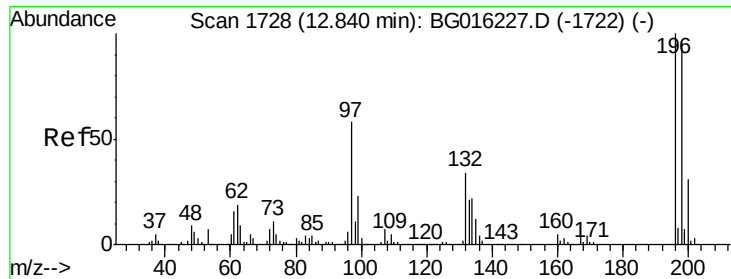
Tot Ion:330 Resp: 182546
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.8 113.6
 141 58.0 46.6 69.8



#42
 2,4,6-Trichlorophenol
 Concen: 44.49 ng
 RT: 12.76 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion:196 Resp: 135321
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.2 115.8
 200 29.4 25.3 37.9

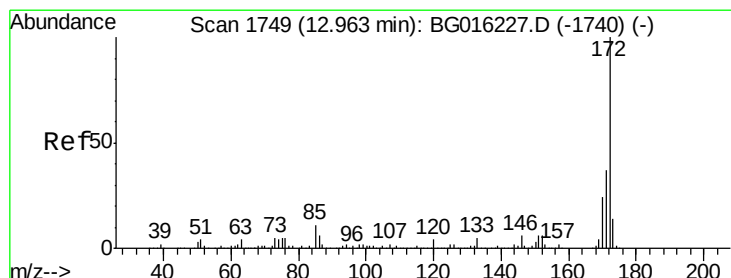
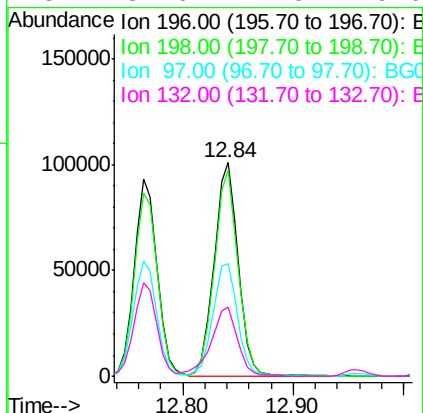
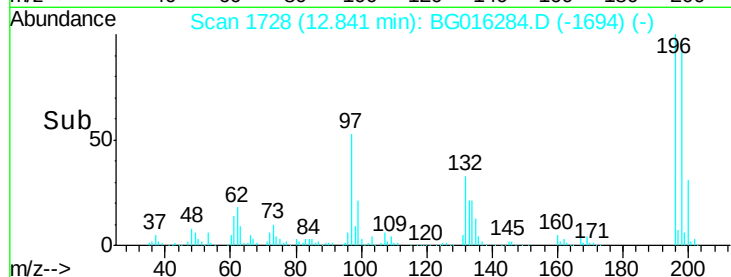
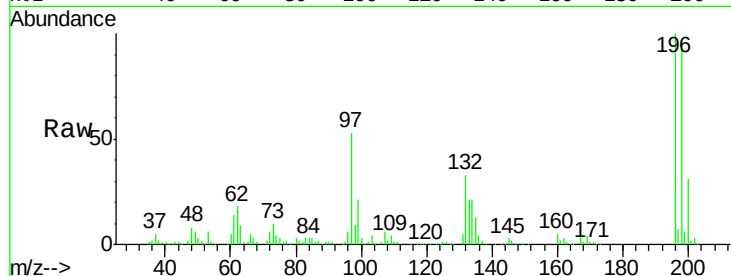




#43
2,4,5-Trichlorophenol
Concen: 46.47 ng
RT: 12.84 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

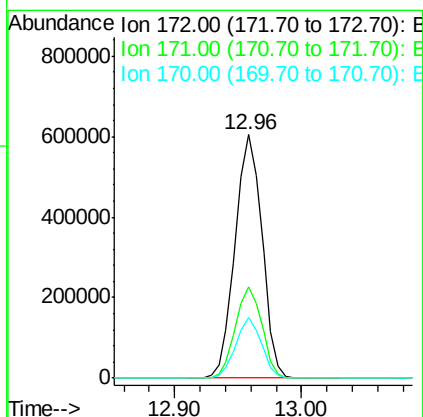
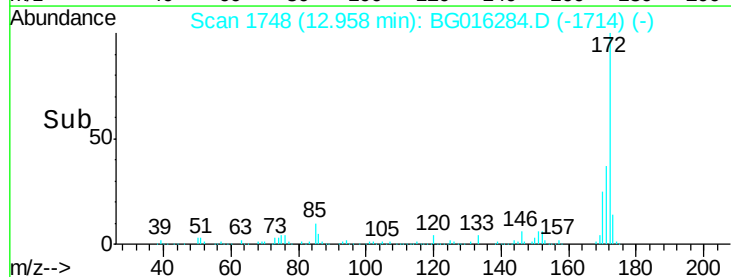
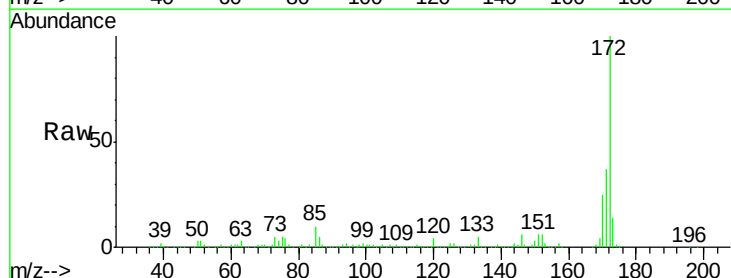
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

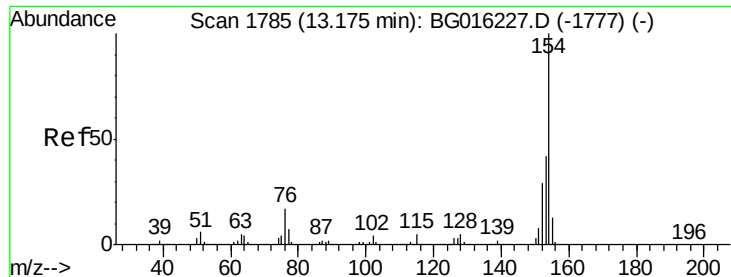
Tot Ion:	196	Resp:	151015
Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.1	115.7
97	52.8	46.6	69.8
132	32.6	27.0	40.6



#44
2-Fluorobiphenyl
Concen: 81.22 ng
RT: 12.96 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:	172	Resp:	886841
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	24.6	19.4	29.2





#45

1,1'-Biphenyl

Concen: 40.31 ng

RT: 13.17 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

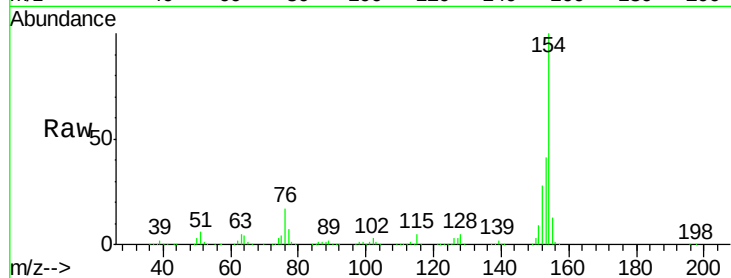
Tot Ion:154 Resp: 574818

Ion Ratio Lower Upper

154 100

153 41.0 22.4 62.4

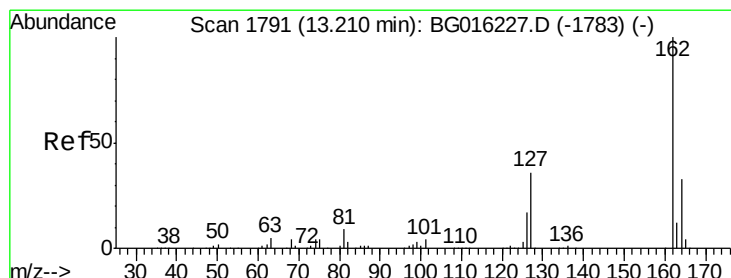
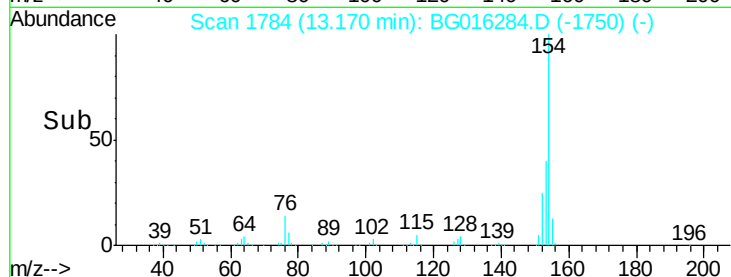
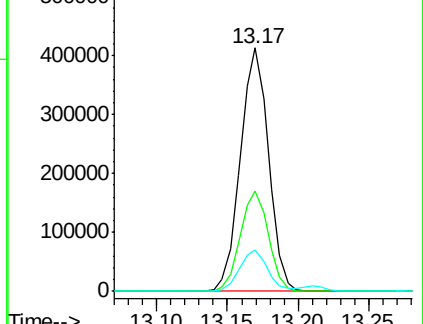
76 16.9 0.0 37.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.80 ng

RT: 13.21 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

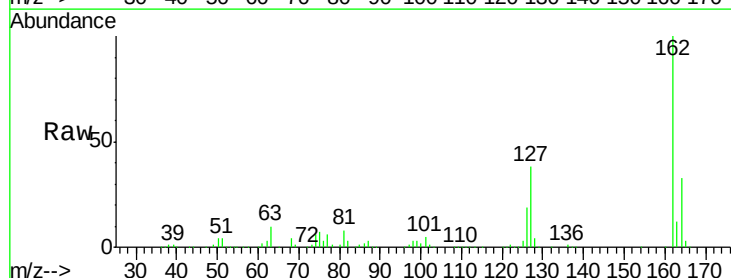
Tgt Ion:162 Resp: 432360

Ion Ratio Lower Upper

162 100

127 37.7 30.8 46.2

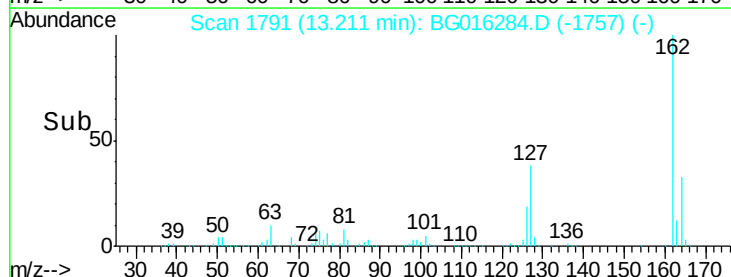
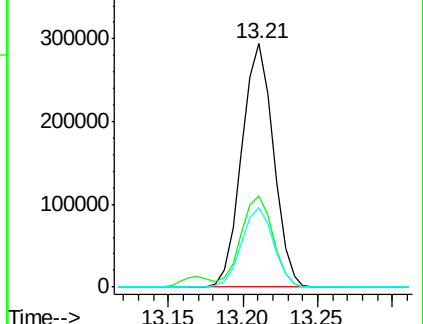
164 32.7 26.6 40.0

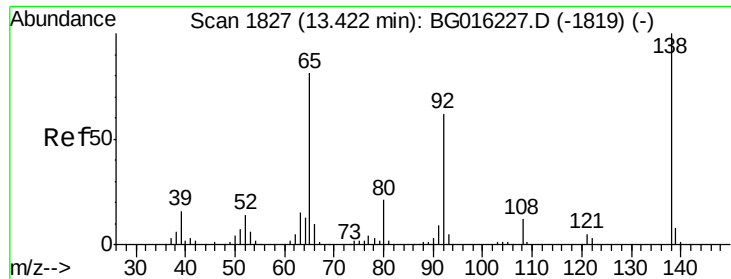


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

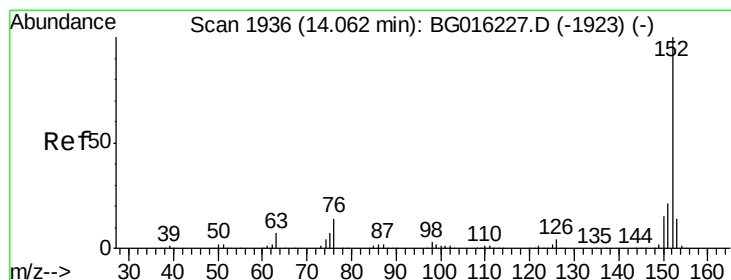
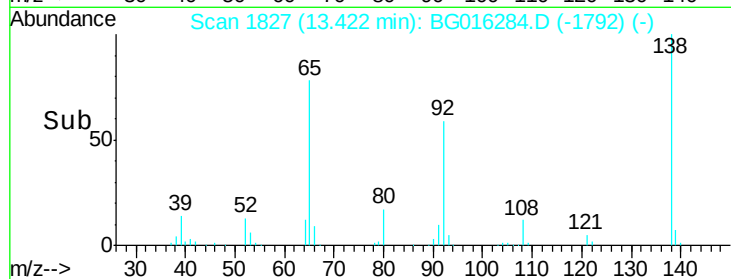
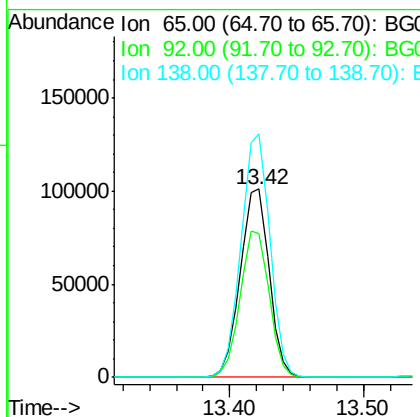
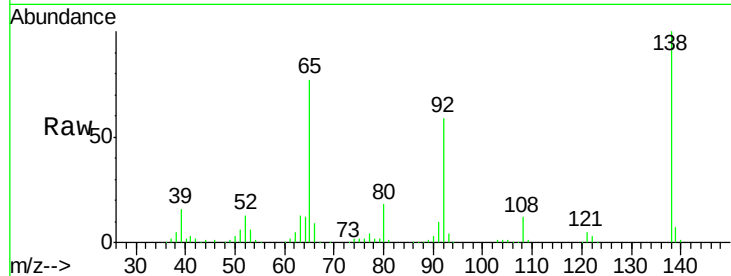




#47
 2-Nitroaniline
 Concen: 43.26 ng
 RT: 13.42 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

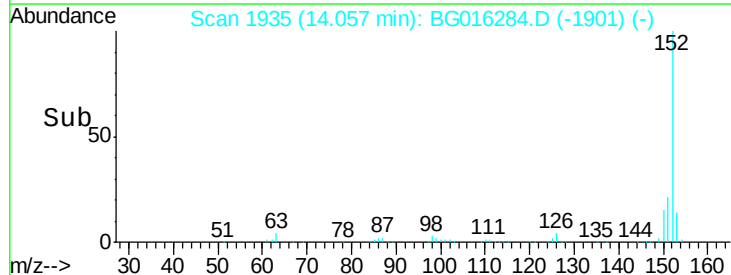
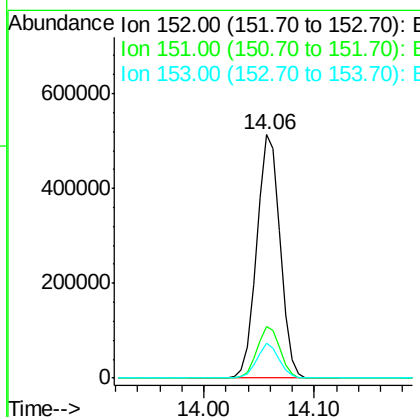
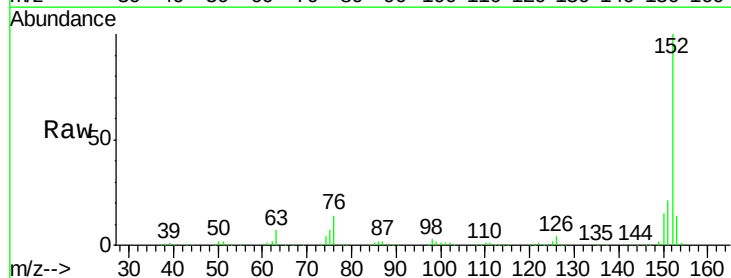
Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

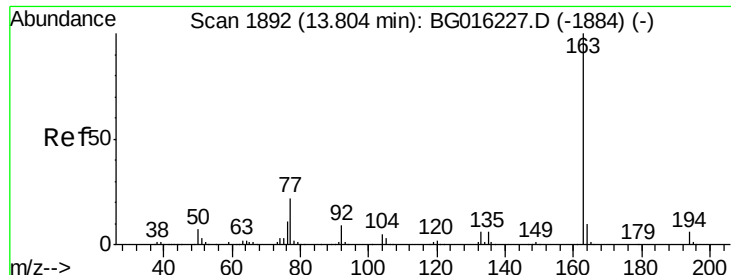
Tot Ion: 65 Resp: 151461
 Ion Ratio Lower Upper
 65 100
 92 76.4 61.0 91.6
 138 129.4 98.7 148.1



#48
 Acenaphthylene
 Concen: 39.45 ng
 RT: 14.06 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion: 152 Resp: 762015
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.5 24.7
 153 14.2 11.1 16.7





#49

Dimethylphthalate

Concen: 49.59 ng

RT: 13.80 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

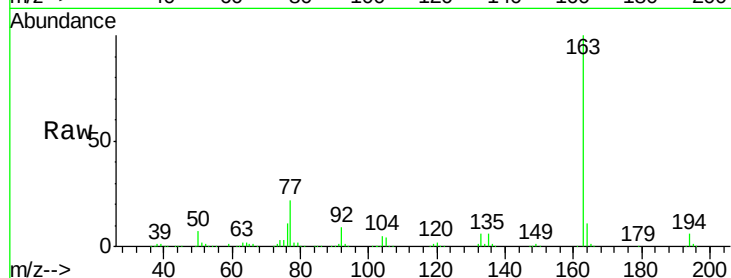
Tot Ion:163 Resp: 675623

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

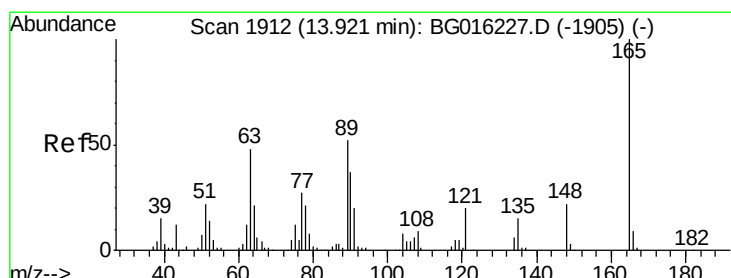
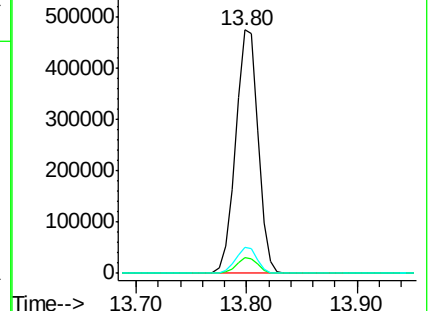
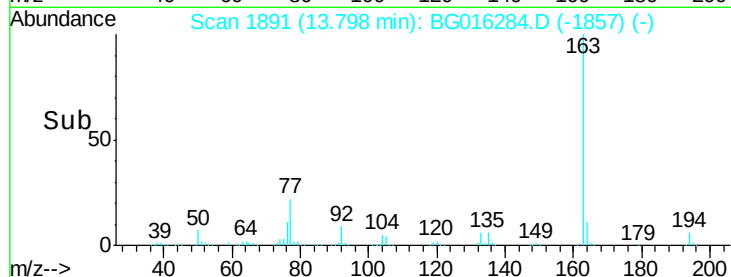
164 10.9 8.2 12.4



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: 42.99 ng

RT: 13.92 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

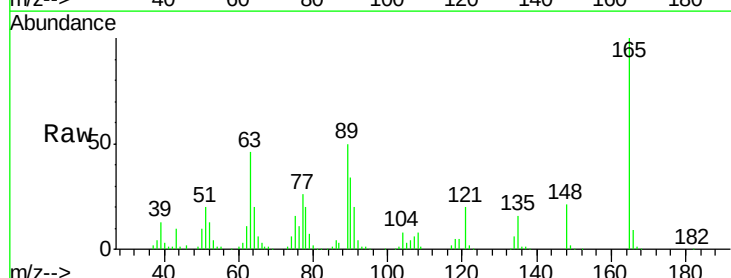
Tgt Ion:165 Resp: 141648

Ion Ratio Lower Upper

165 100

63 46.2 39.3 58.9

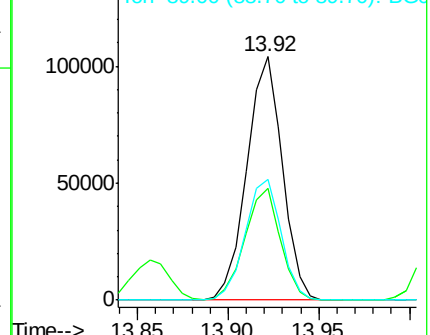
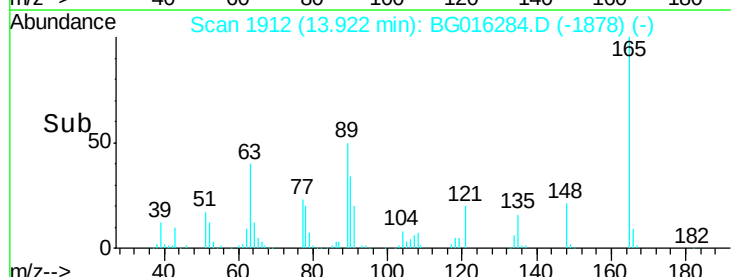
89 49.8 41.3 61.9

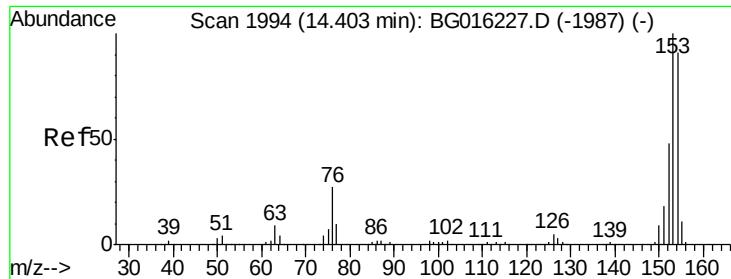


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 40.01 ng

RT: 14.40 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

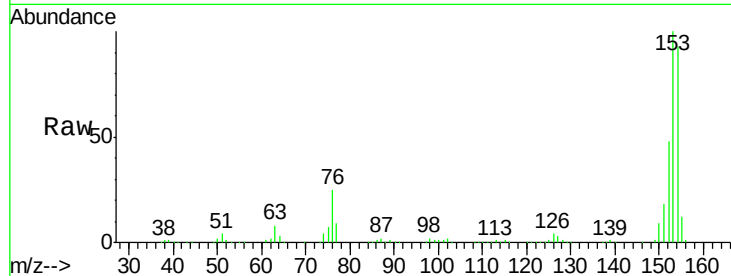
Tot Ion:154 Resp: 461792

Ion Ratio Lower Upper

154 100

153 107.2 87.5 131.3

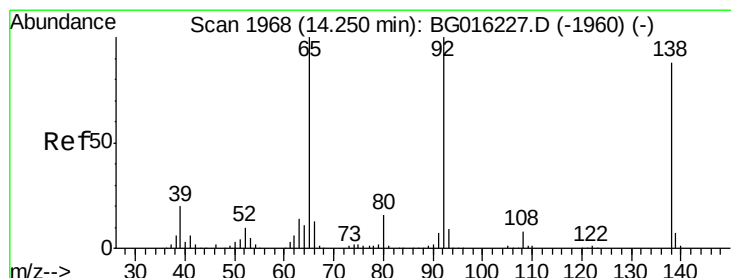
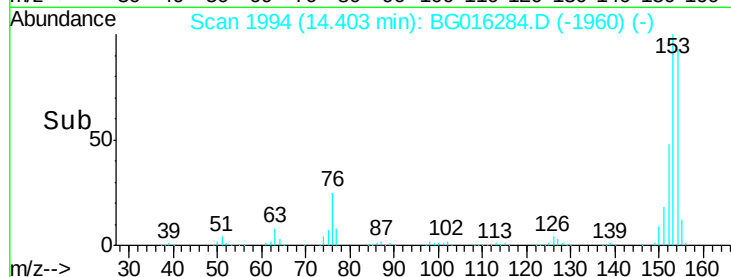
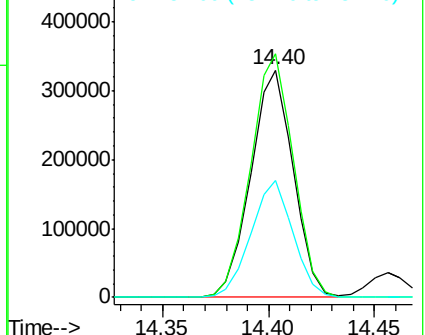
152 51.4 42.1 63.1



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: 37.25 ng

RT: 14.25 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

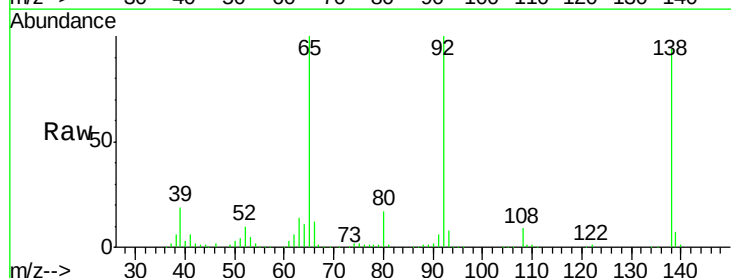
Tgt Ion:138 Resp: 156747

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.0

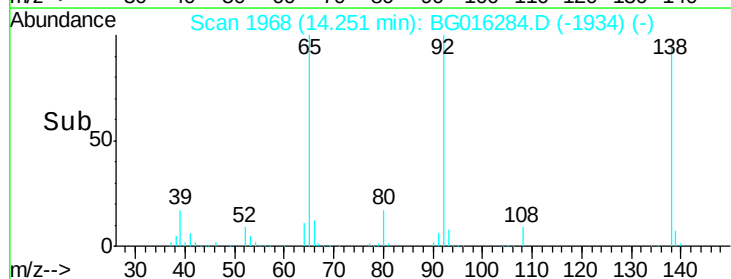
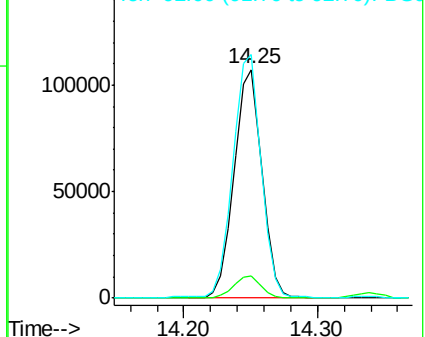
92 106.4 91.4 137.0

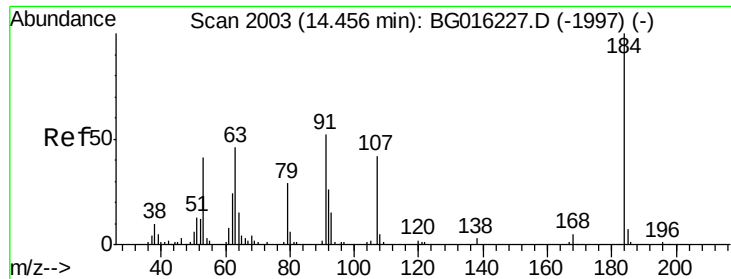


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

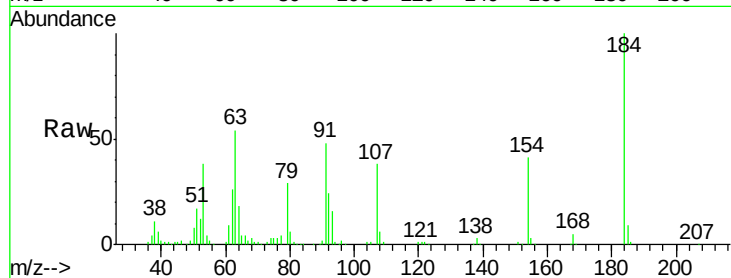




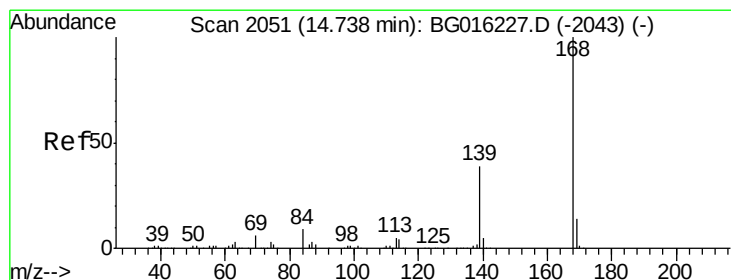
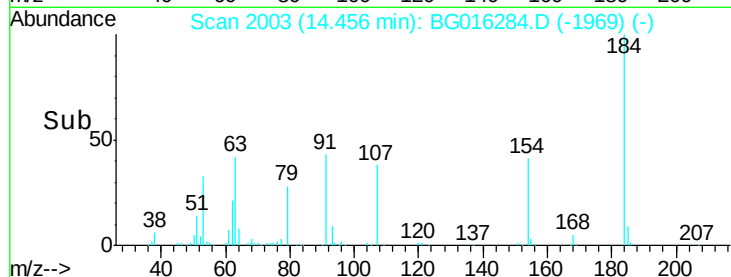
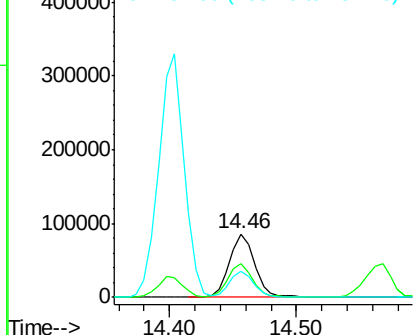
#53
 2,4-Dinitrophenol
 Concen: 63.86 ng
 RT: 14.46 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

Tot Ion:184 Resp: 118233
 Ion Ratio Lower Upper
 184 100
 63 54.0 45.8 68.6
 154 41.5 34.5 51.7

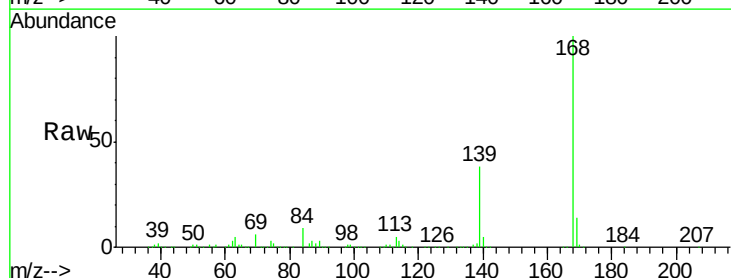


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

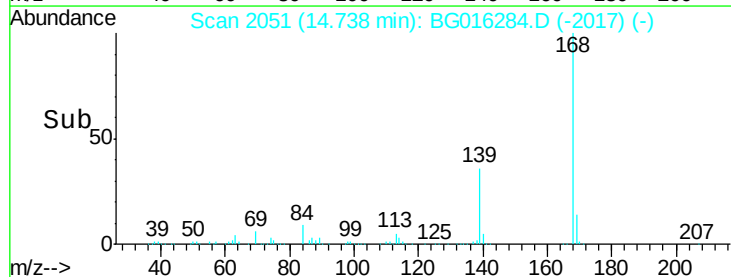
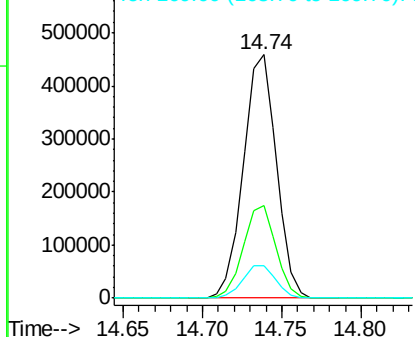


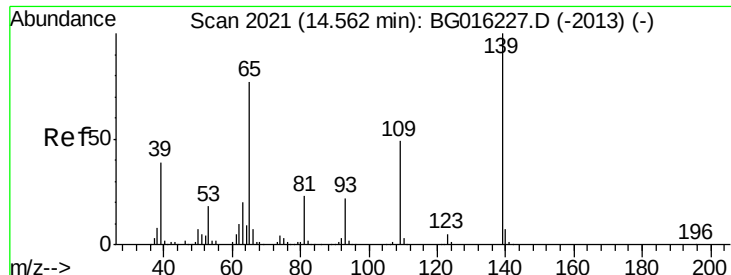
#54
 Dibenzofuran
 Concen: 41.34 ng
 RT: 14.74 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion:168 Resp: 662244
 Ion Ratio Lower Upper
 168 100
 139 37.9 31.0 46.6
 169 13.6 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

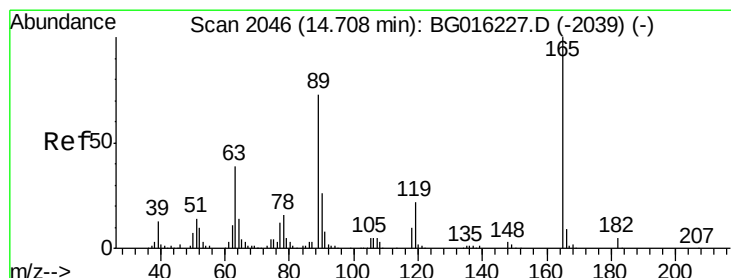
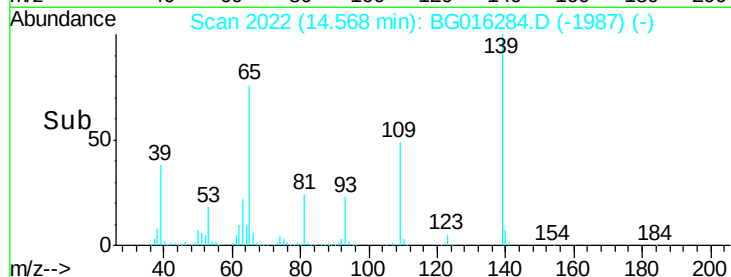
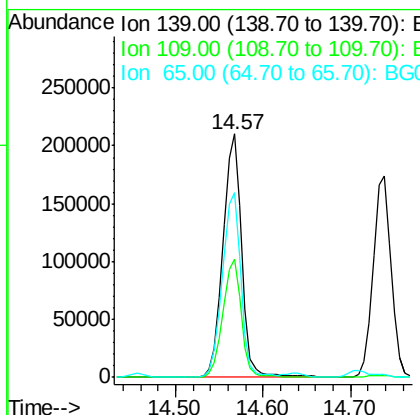
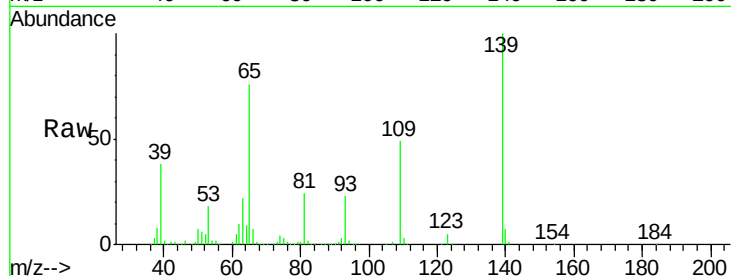




#55
4-Nitrophenol
Concen: 90.15 ng
RT: 14.57 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

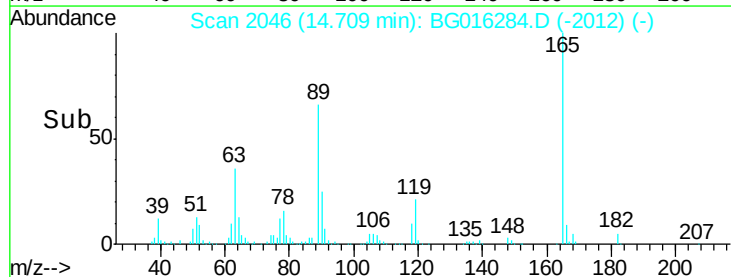
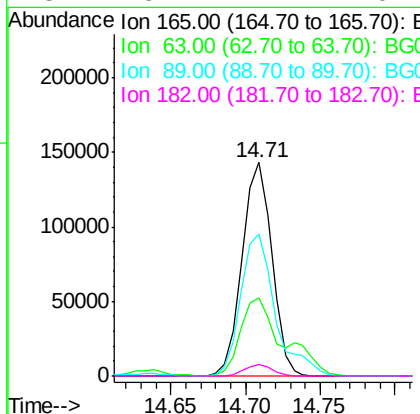
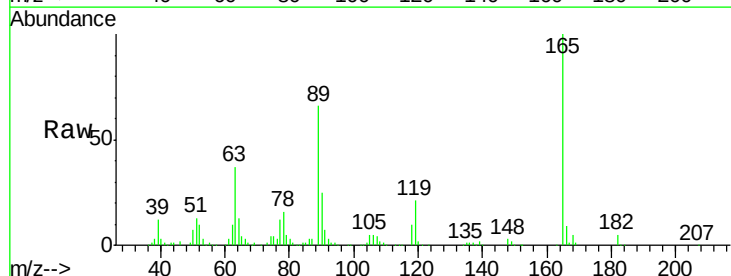
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

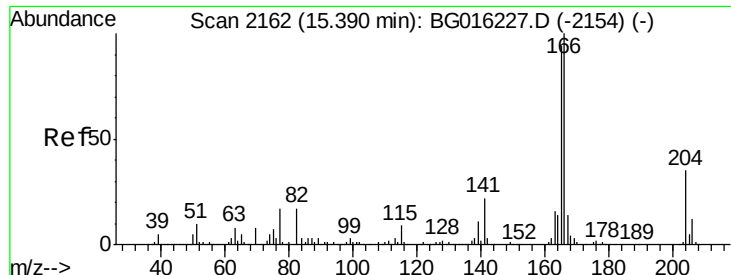
Tot Ion:139 Resp: 313518
Ion Ratio Lower Upper
139 100
109 48.6 28.5 68.5
65 75.9 56.9 96.9



#56
2,4-Dinitrotoluene
Concen: 43.96 ng
RT: 14.71 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:165 Resp: 197320
Ion Ratio Lower Upper
165 100
63 36.6 31.4 47.2
89 66.3 58.8 88.2
182 5.4 4.1 6.1

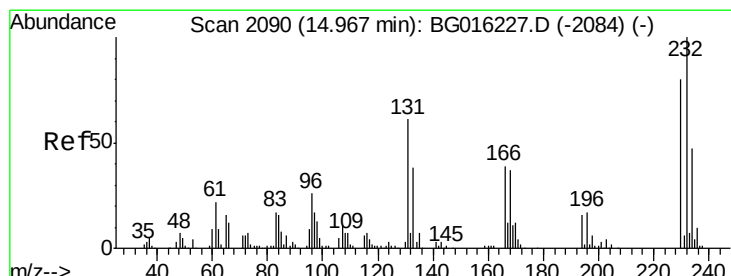
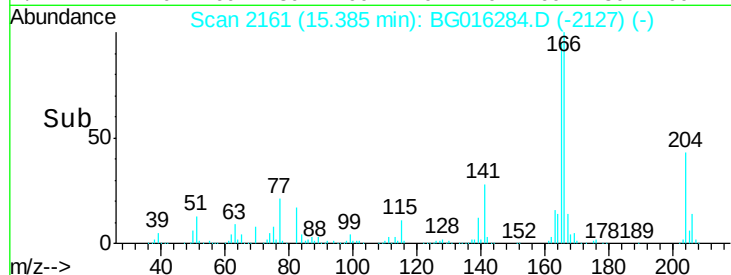
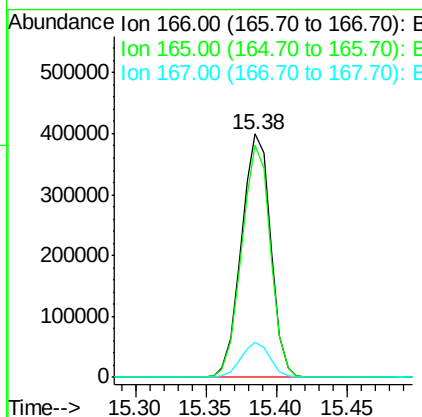
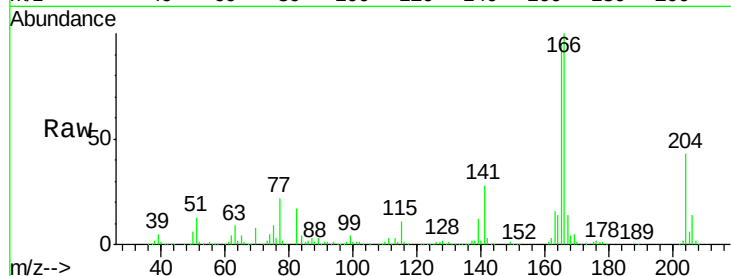




#57
 Fluorene
 Concen: 40.89 ng
 RT: 15.38 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

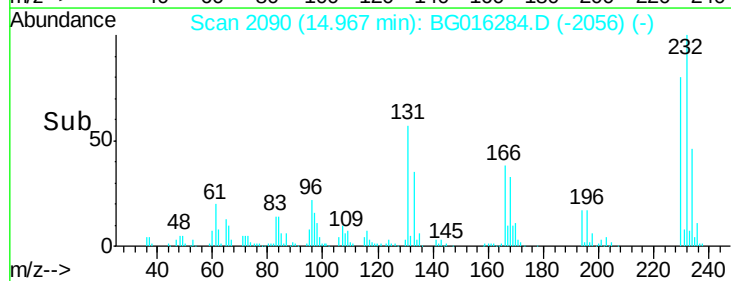
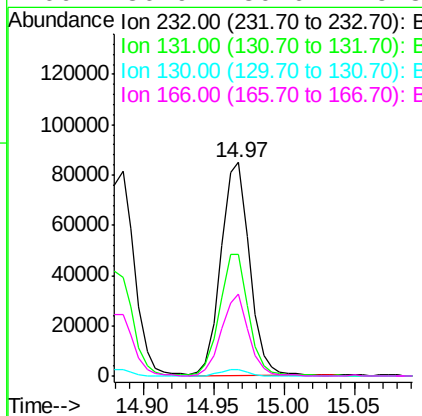
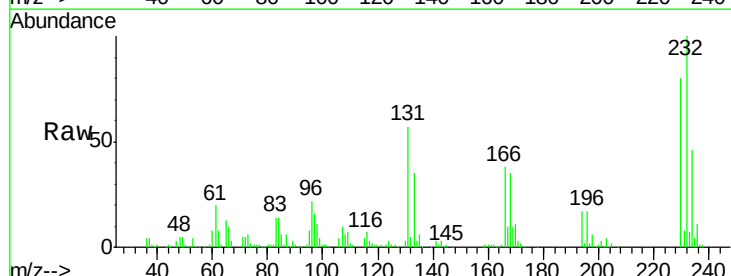
Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

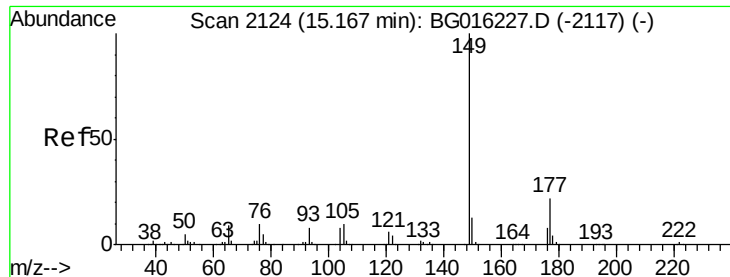
Tot Ion:166 Resp: 577797
 Ion Ratio Lower Upper
 166 100
 165 95.5 75.2 112.8
 167 14.2 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.59 ng
 RT: 14.97 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion:232 Resp: 119358
 Ion Ratio Lower Upper
 232 100
 131 57.5 49.8 74.6
 130 3.1 2.6 3.8
 166 36.9 30.6 45.8

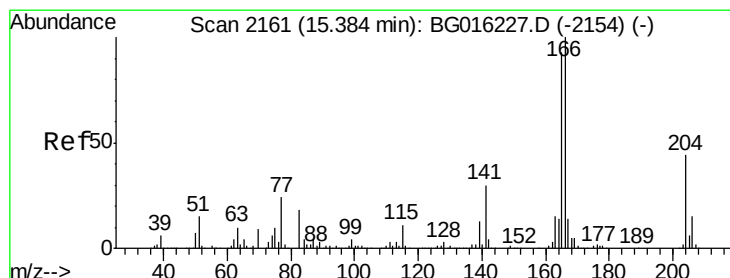
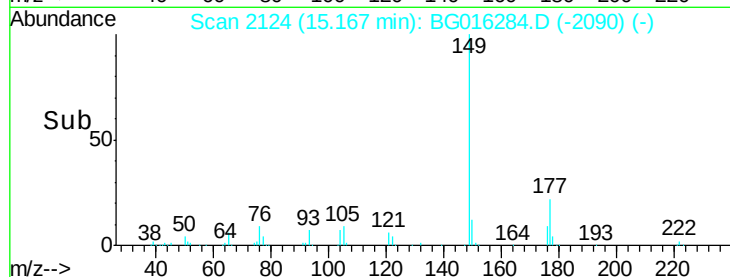
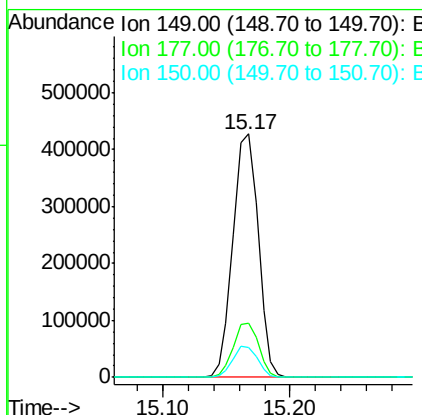
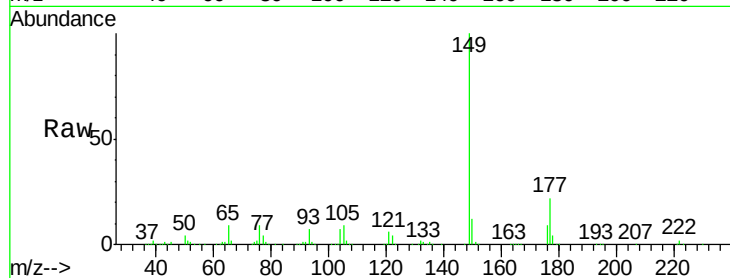




#59
Diethylphthalate
Concen: 40.71 ng
RT: 15.17 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

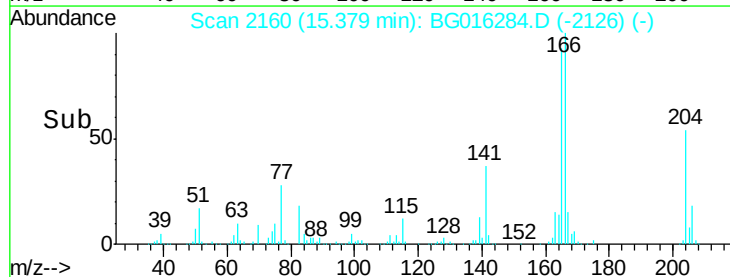
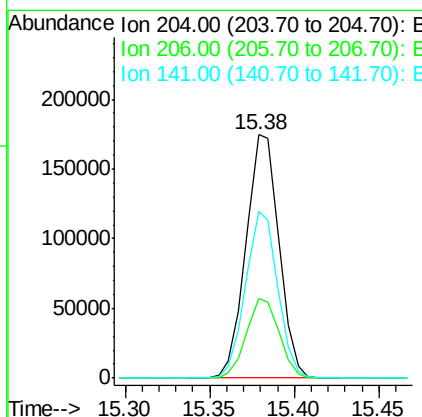
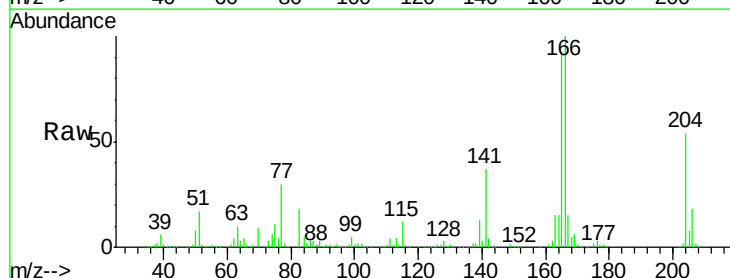
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

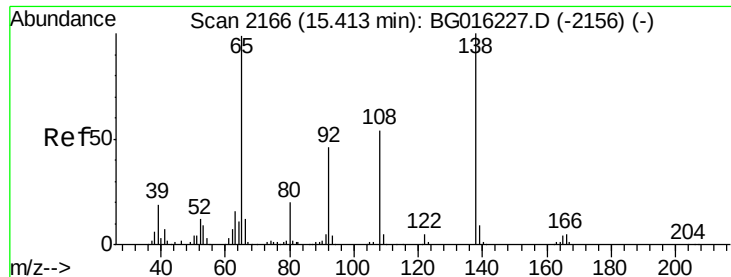
Tot Ion:149 Resp: 590467
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.3 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 41.24 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:204 Resp: 238402
Ion Ratio Lower Upper
204 100
206 32.8 27.6 41.4
141 68.4 55.4 83.2

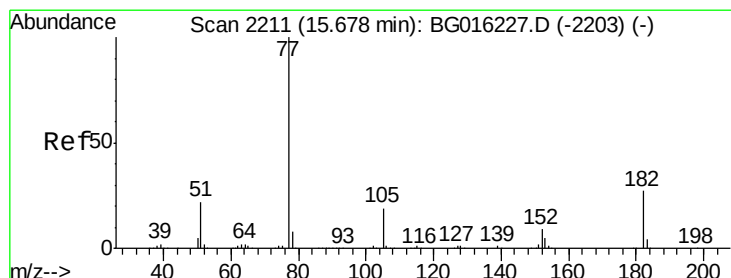
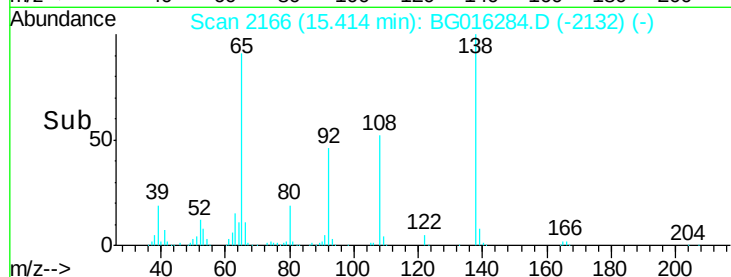
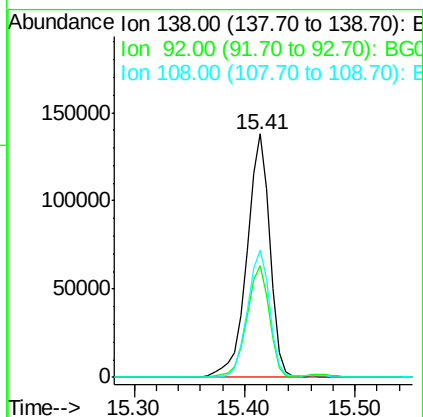
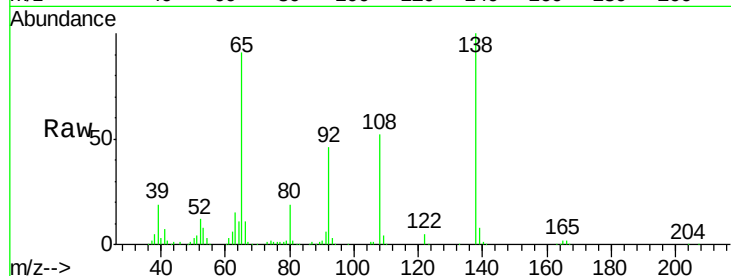




#61
4-Nitroaniline
Concen: 42.23 ng
RT: 15.41 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

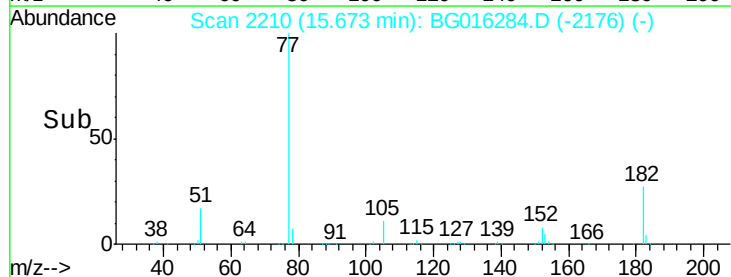
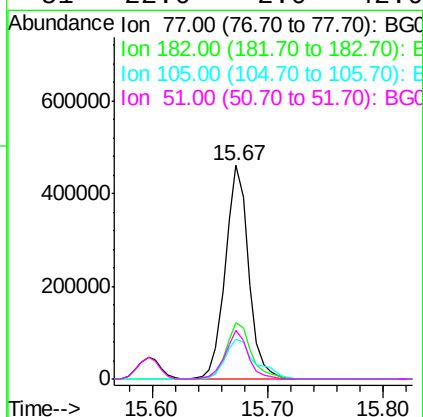
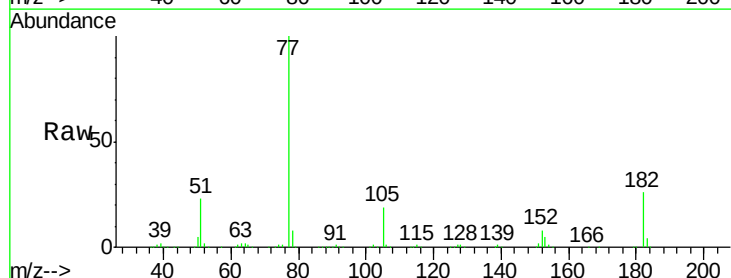
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

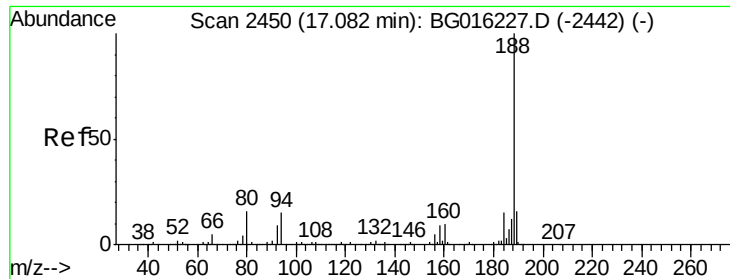
Tot Ion:138 Resp: 201693
Ion Ratio Lower Upper
138 100
92 45.8 26.3 66.3
108 52.1 33.6 73.6



#62
Azobenzene
Concen: 41.51 ng
RT: 15.67 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion: 77 Resp: 640724
Ion Ratio Lower Upper
77 100
182 26.3 6.6 46.6
105 18.7 0.0 39.2
51 22.6 2.0 42.0

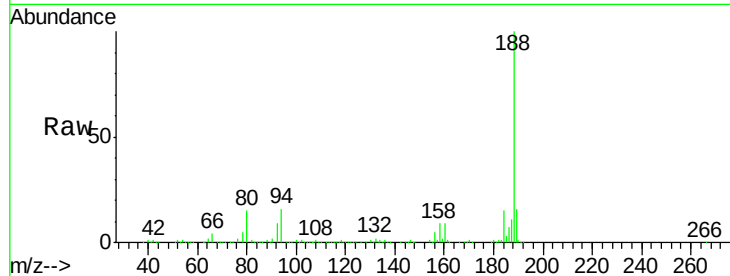




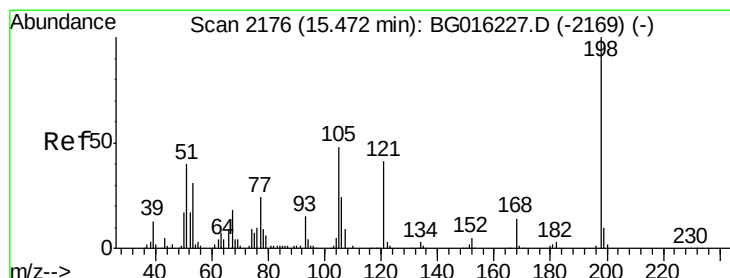
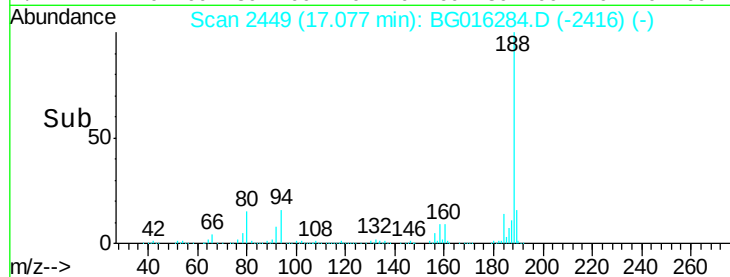
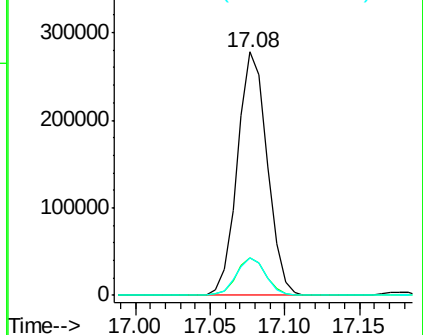
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

Tot Ion:188 Resp: 386920
Ion Ratio Lower Upper
188 100
94 15.6 12.2 18.4
80 15.2 12.8 19.2

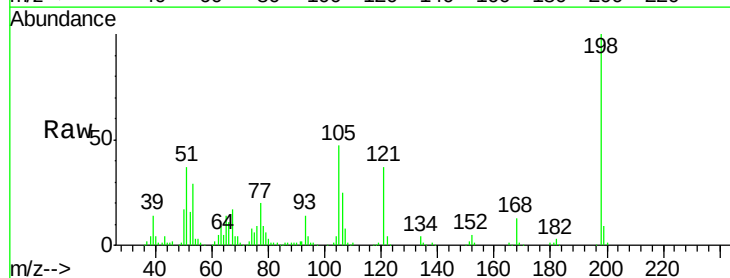


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

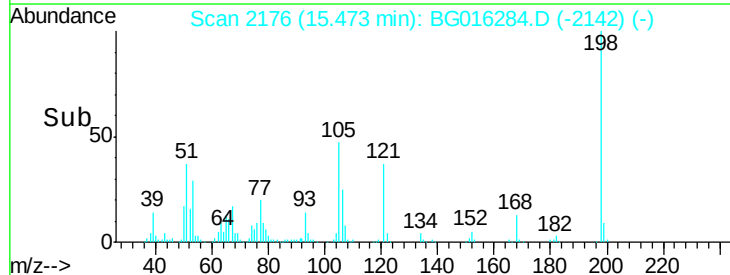
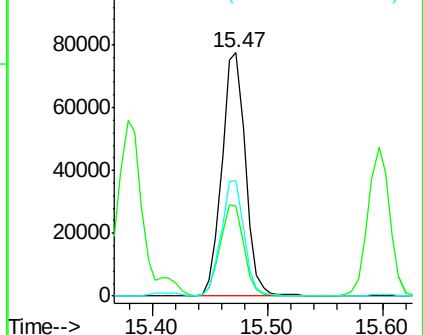


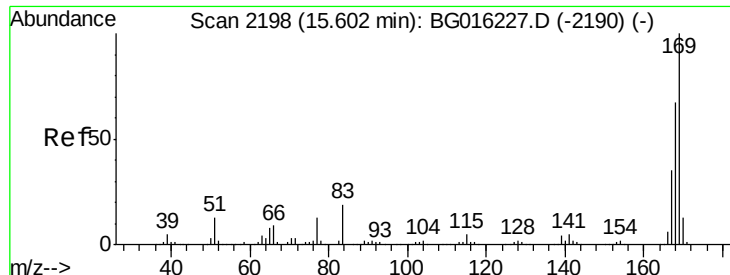
#64
4,6-Dinitro-2-methylphenol
Concen: 40.82 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:198 Resp: 109444
Ion Ratio Lower Upper
198 100
51 36.9 20.7 60.7
105 47.4 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

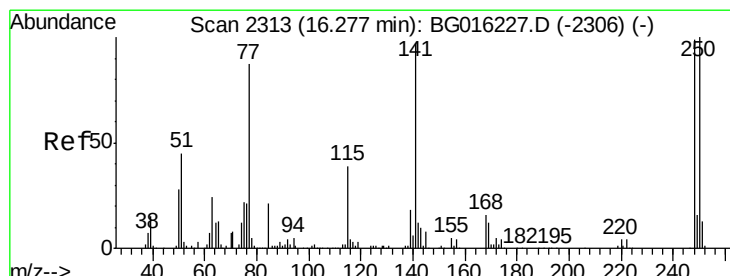
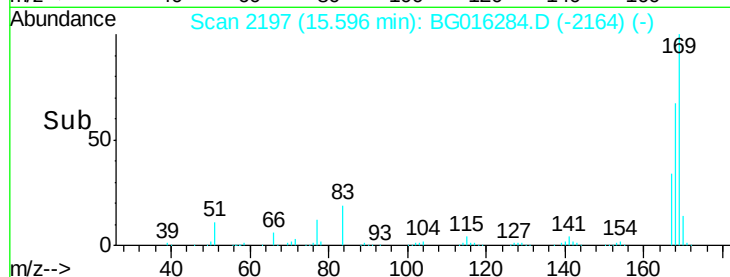
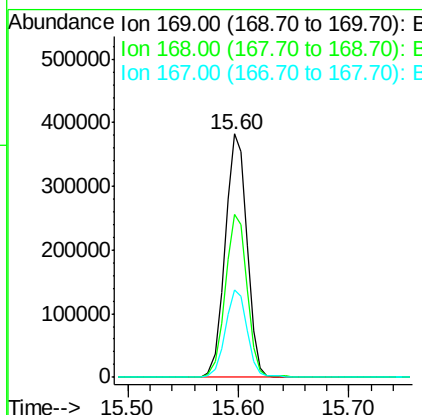
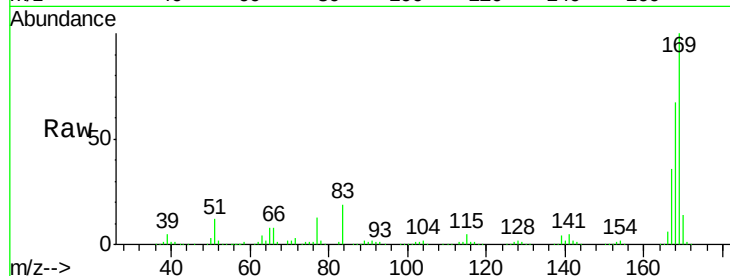




#65
n-Nitrosodiphenylamine
Concen: 40.41 ng
RT: 15.60 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

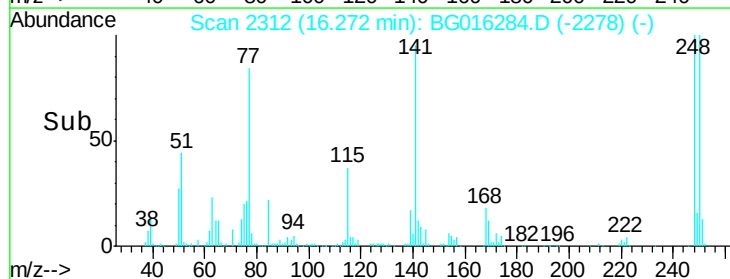
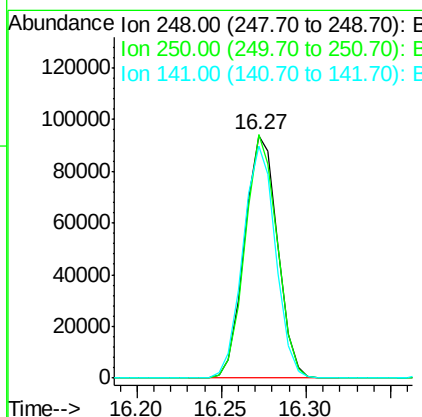
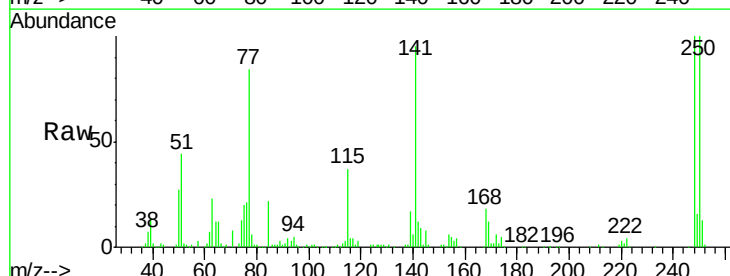
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

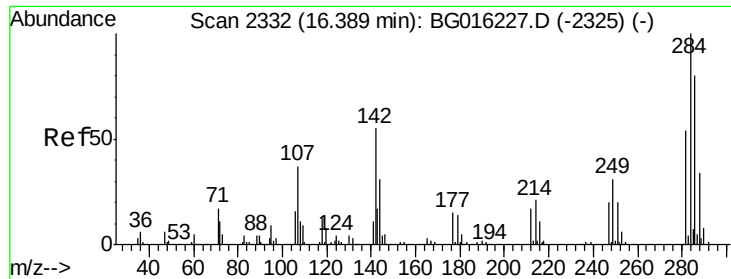
Tot Ion:169 Resp: 528503
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 36.1 28.3 42.5



#66
4-Bromophenyl-phenylether
Concen: 41.24 ng
RT: 16.27 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:248 Resp: 127417
Ion Ratio Lower Upper
248 100
250 100.4 80.5 120.7
141 95.8 78.2 117.4

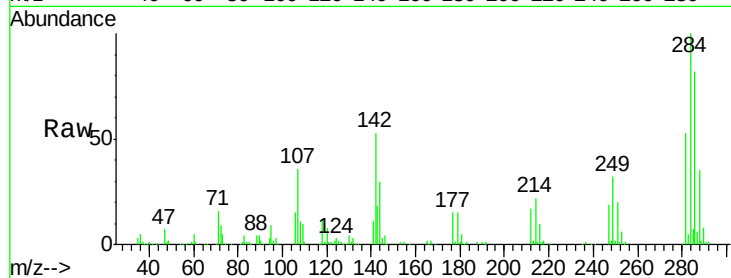




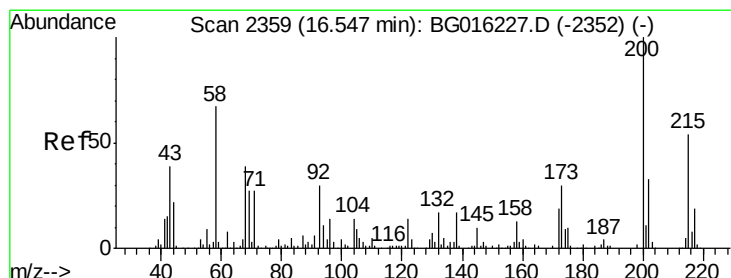
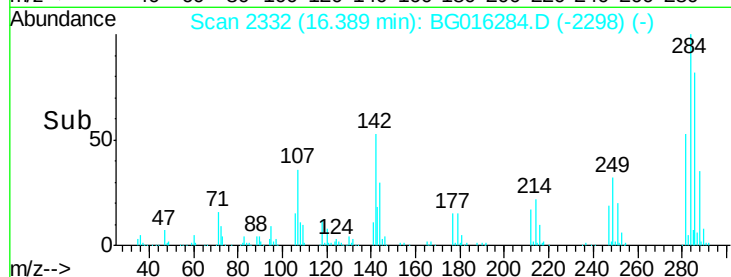
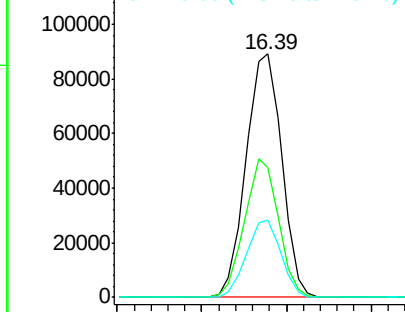
#67
Hexachlorobenzene
Concen: 40.81 ng
RT: 16.39 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	53.4	44.2	66.2
249	31.6	24.8	37.2

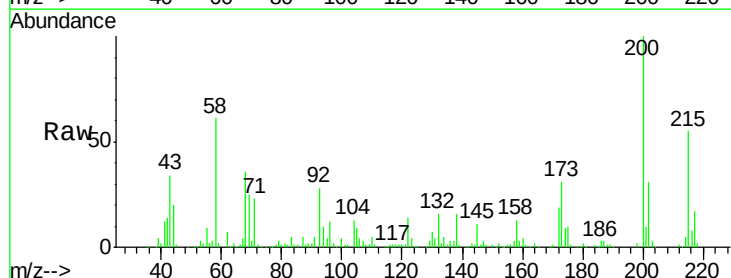


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

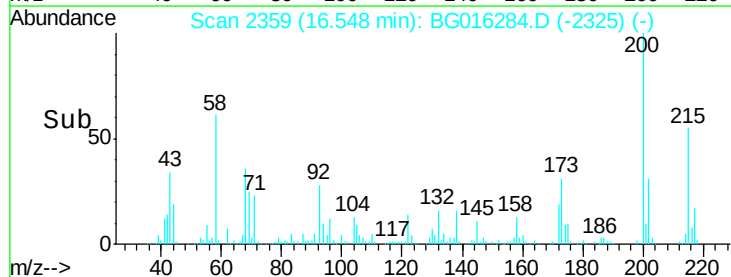
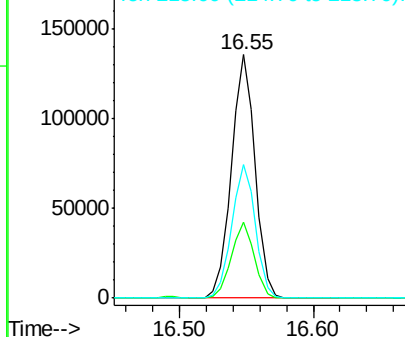


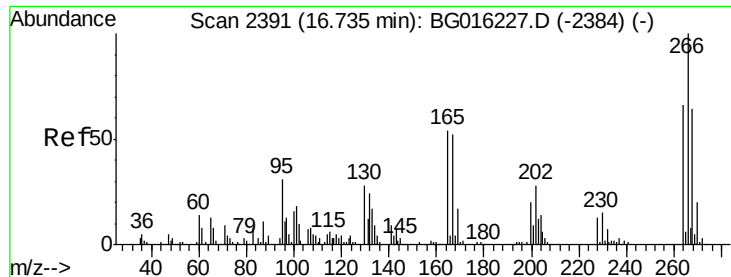
#68
Atrazine
Concen: 45.83 ng
RT: 16.55 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.2	10.2	50.2
215	54.7	34.4	74.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

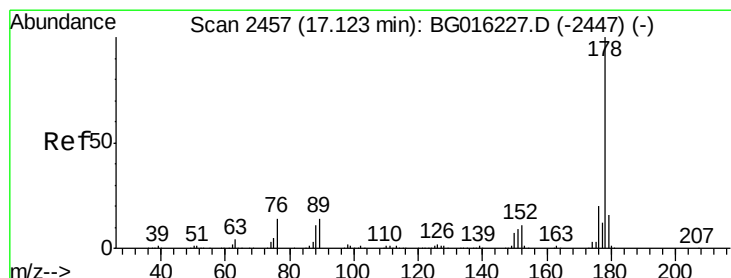
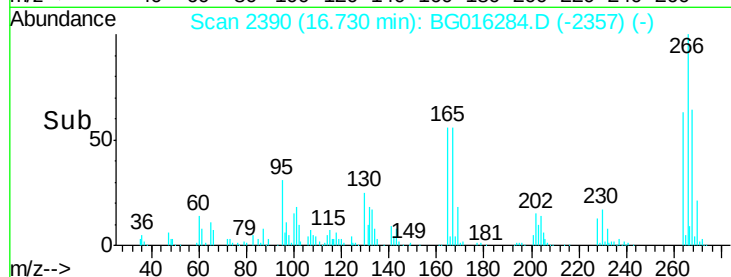
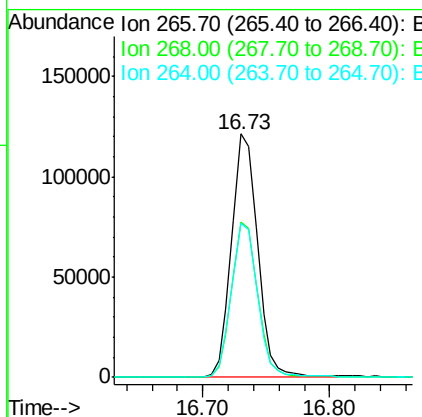
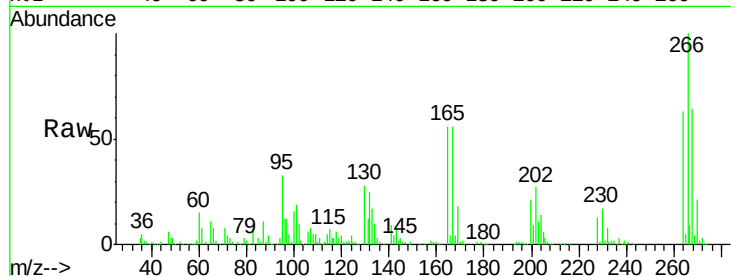




#69
 Pentachlorophenol
 Concen: 88.25 ng
 RT: 16.73 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

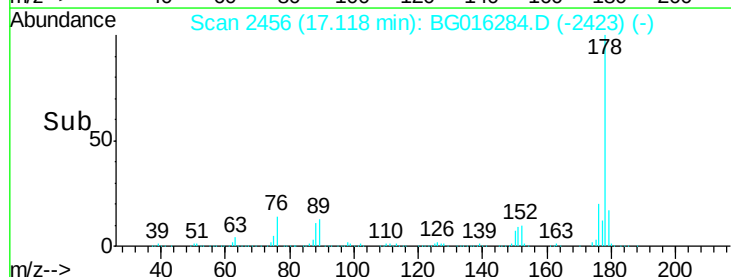
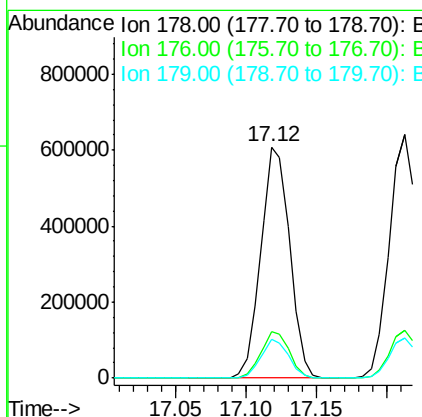
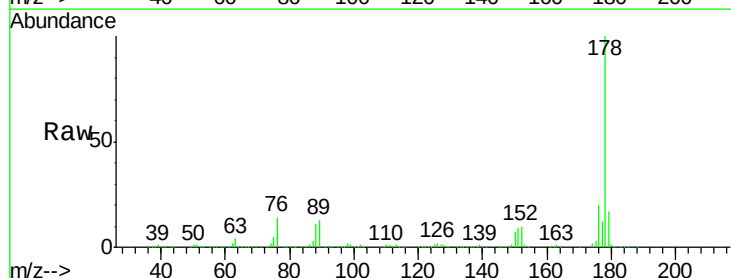
Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

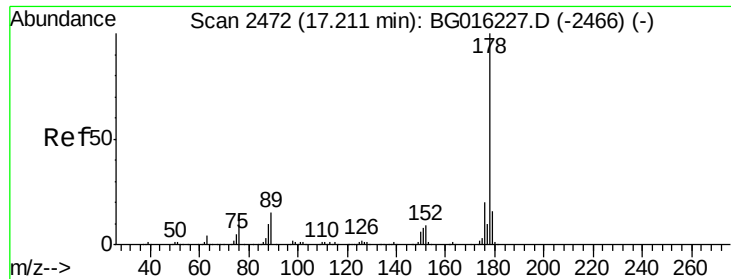
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.9	76.3
264	63.3	52.8	79.2



#70
 Phenanthrene
 Concen: 40.44 ng
 RT: 17.12 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.7	12.7	19.1





#71

Anthracene

Concen: 41.43 ng

RT: 17.21 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

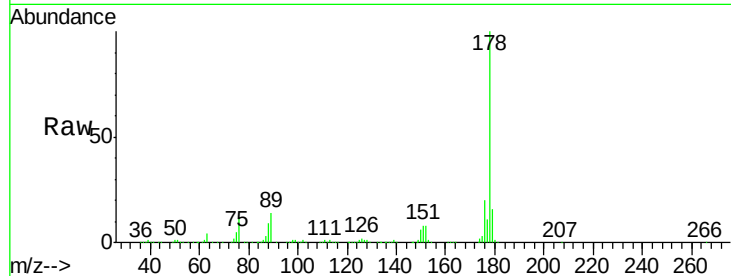
Tot Ion:178 Resp: 893554

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

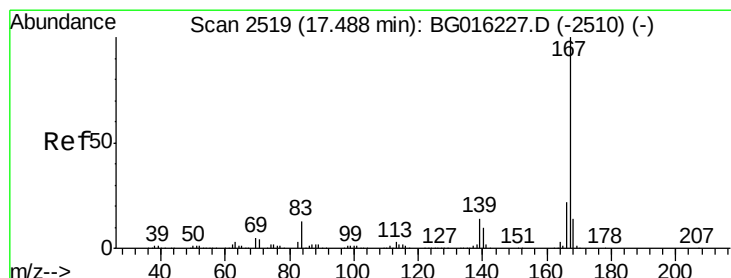
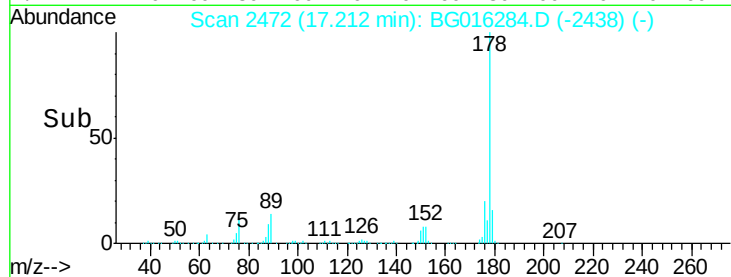
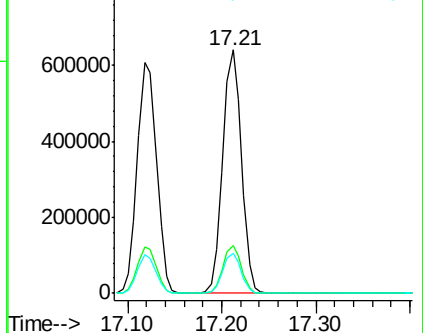
179 16.4 13.0 19.6



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



#72

Carbazole

Concen: 43.30 ng

RT: 17.48 min Scan# 2518

Delta R.T. -0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

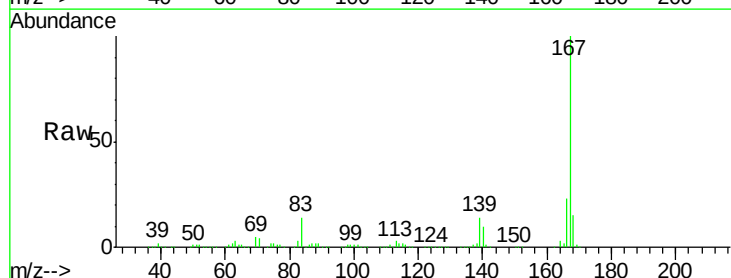
Tgt Ion:167 Resp: 937248

Ion Ratio Lower Upper

167 100

166 22.8 17.9 26.9

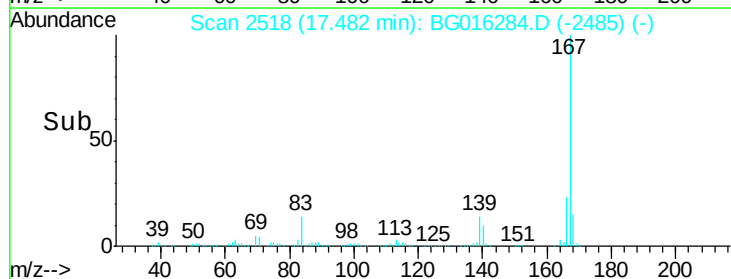
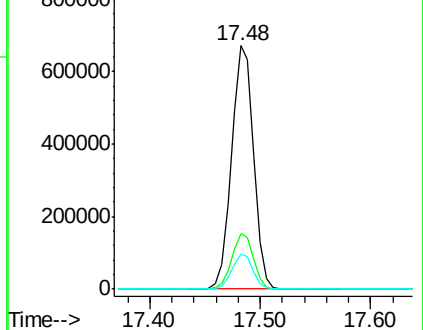
139 14.4 11.5 17.3

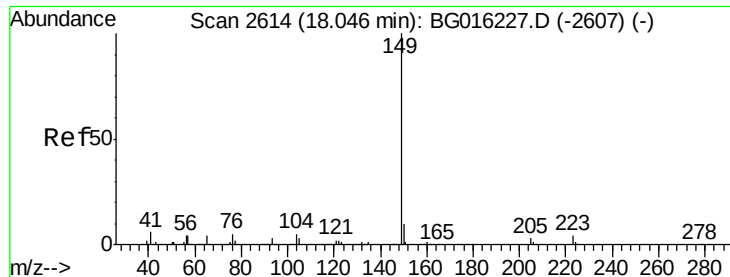


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.17 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

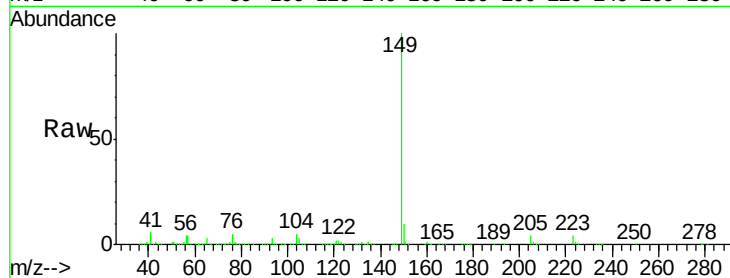
Tot Ion:149 Resp: 1090400

Ion Ratio Lower Upper

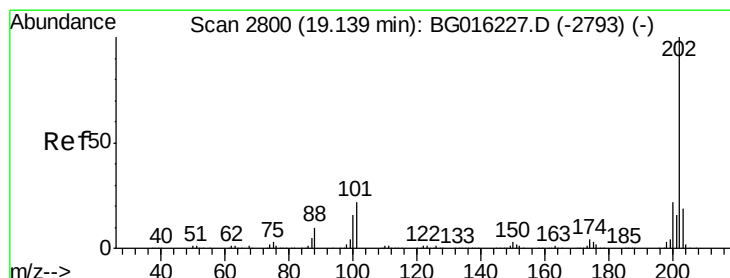
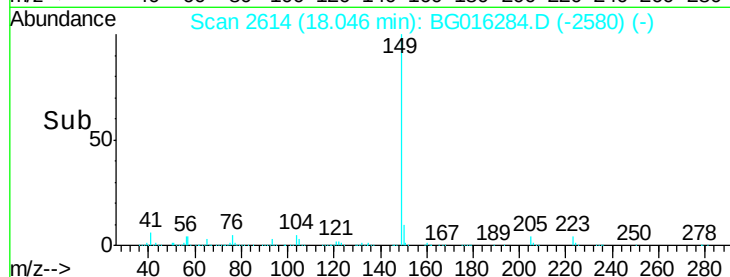
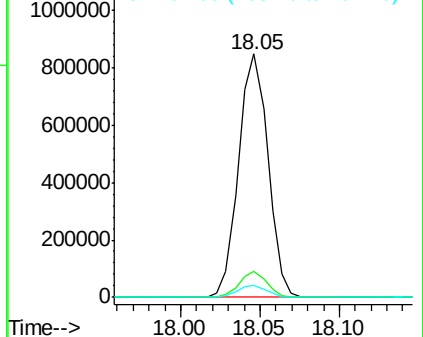
149 100

150 10.5 8.2 12.4

104 5.1 4.0 6.0



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



#74

Fluoranthene

Concen: 41.52 ng

RT: 19.14 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

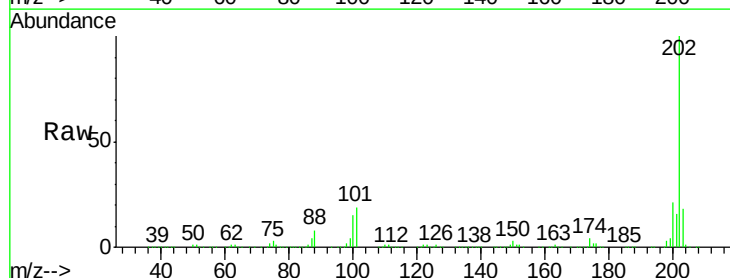
Tgt Ion:202 Resp: 931424

Ion Ratio Lower Upper

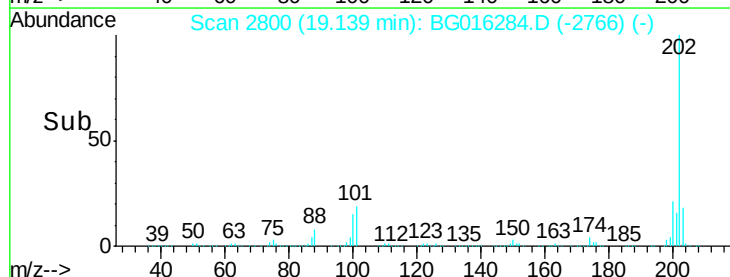
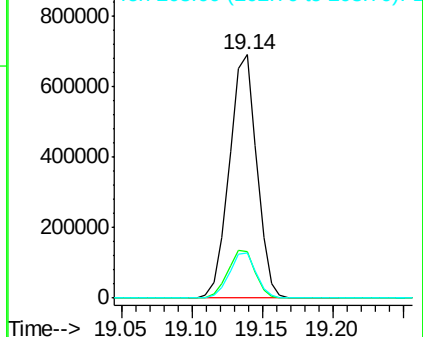
202 100

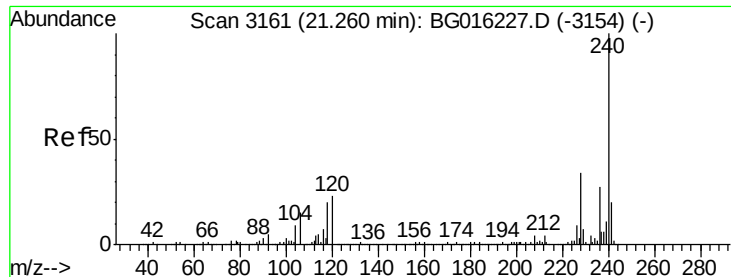
101 18.9 1.7 41.7

203 18.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

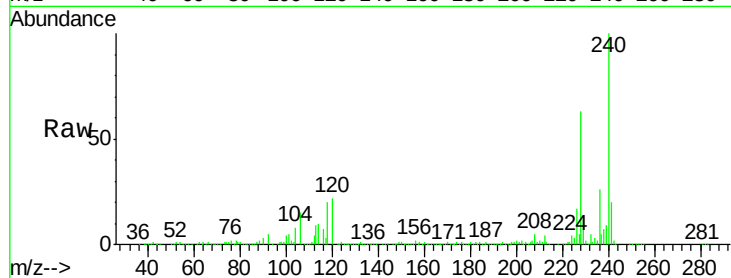
Tot Ion:240 Resp: 340891

Ion Ratio Lower Upper

240 100

120 22.3 18.6 28.0

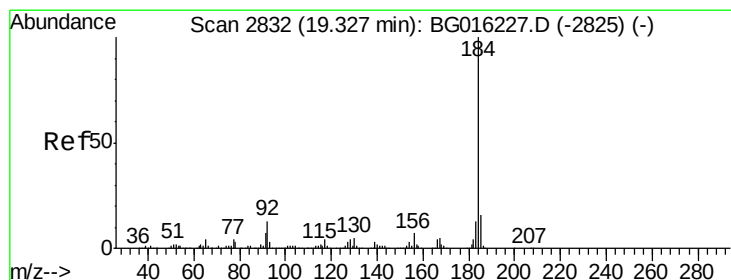
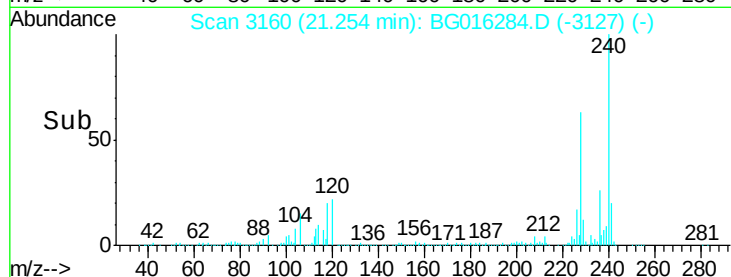
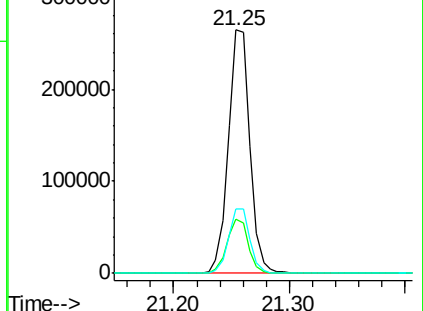
236 26.4 21.7 32.5



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: 49.05 ng

RT: 19.33 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

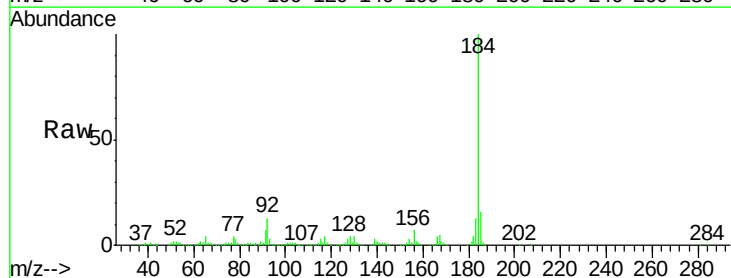
Tgt Ion:184 Resp: 709112

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

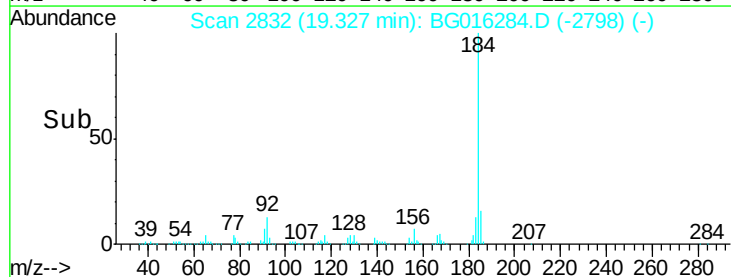
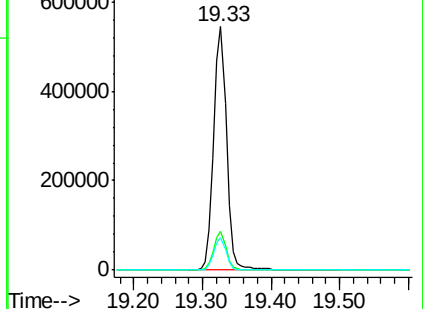
183 13.1 10.4 15.6

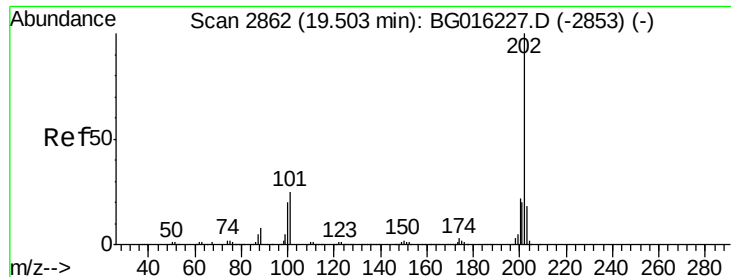


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.53 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

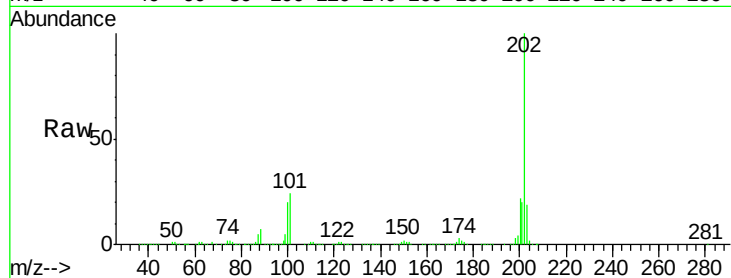
Tot Ion:202 Resp: 962123

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.8

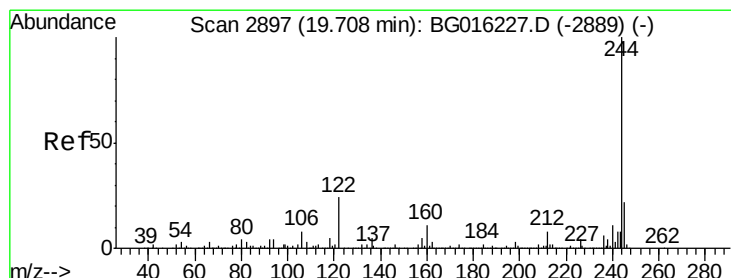
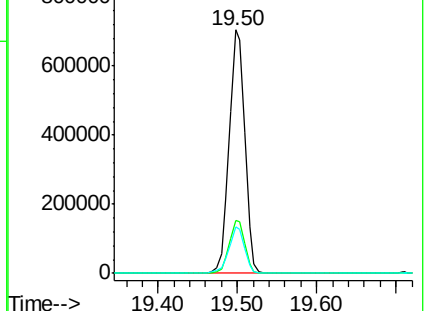
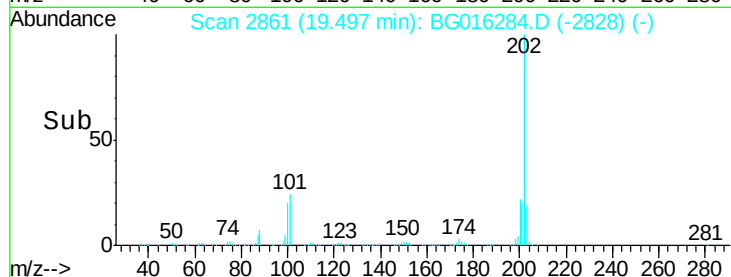
203 18.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.12 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

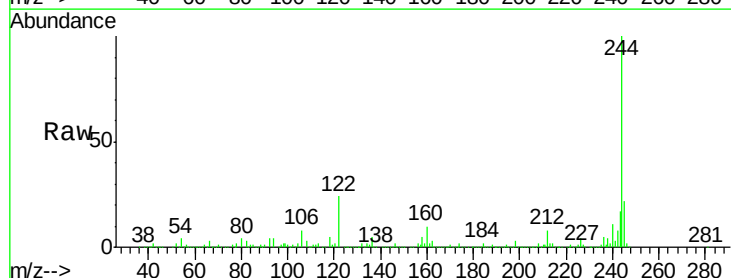
Tgt Ion:244 Resp: 1050493

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

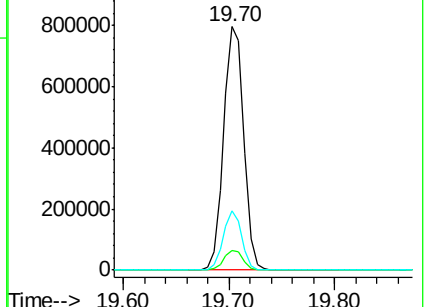
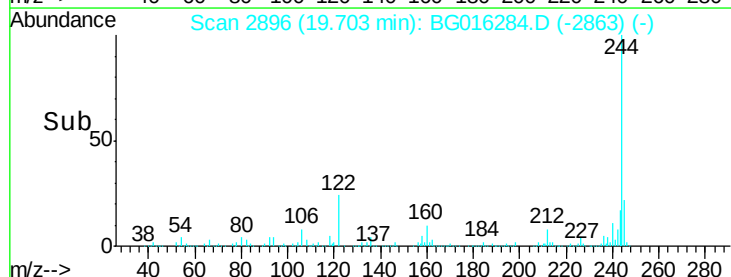
122 24.4 19.1 28.7

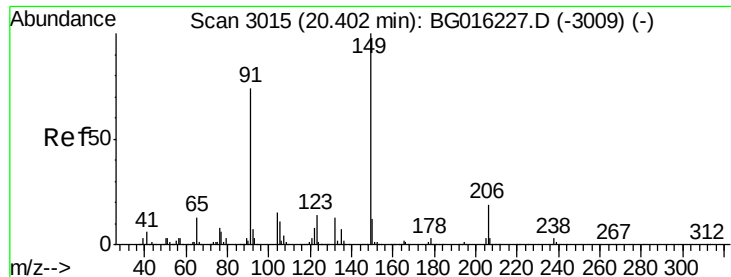


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

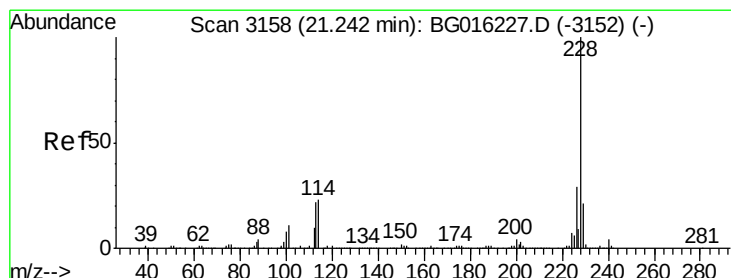
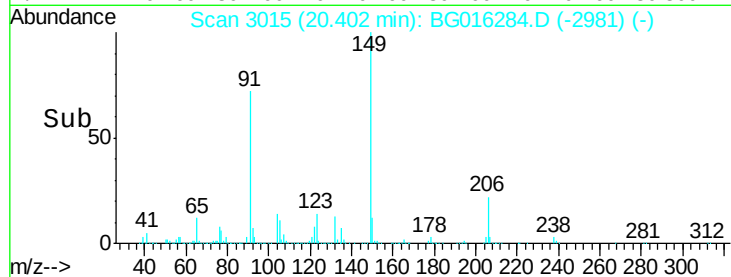
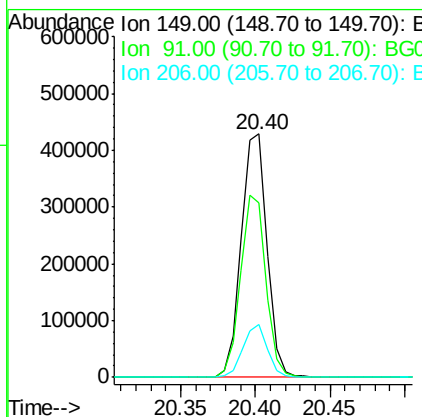
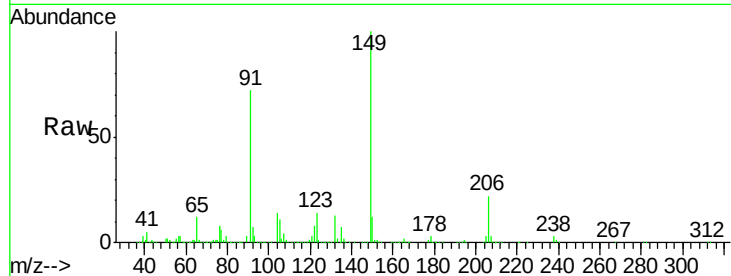




#79
Butylbenzylphthalate
Concen: 44.07 ng
RT: 20.40 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

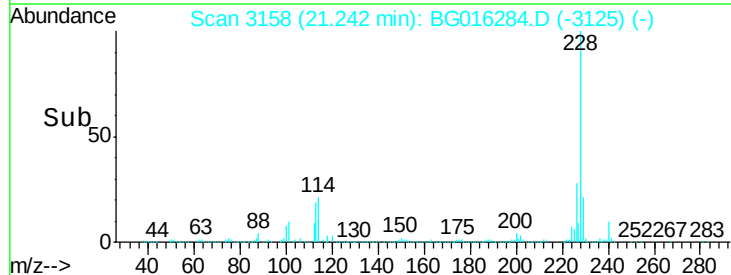
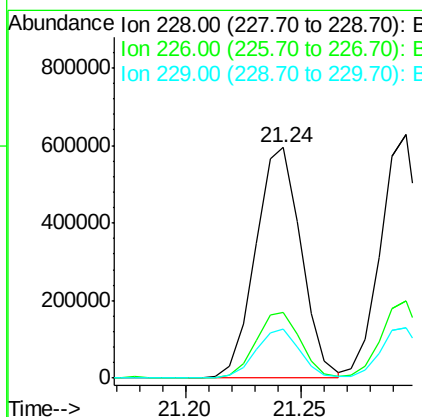
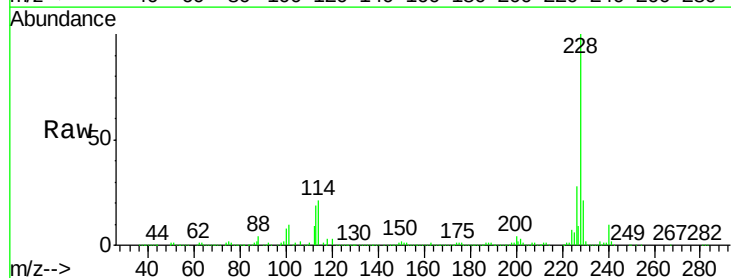
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

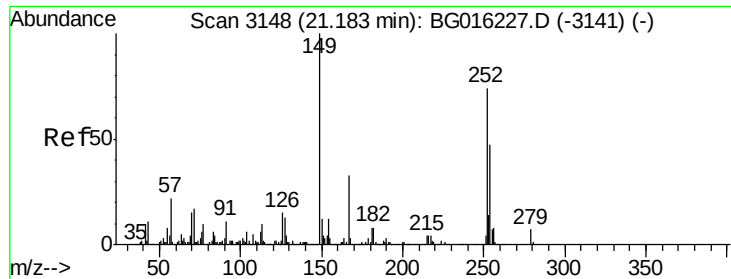
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.9	59.4	89.2
206	21.6	15.6	23.4



#80
Benzo(a)anthracene
Concen: 40.40 ng
RT: 21.24 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.5	35.3
229	21.1	16.8	25.2

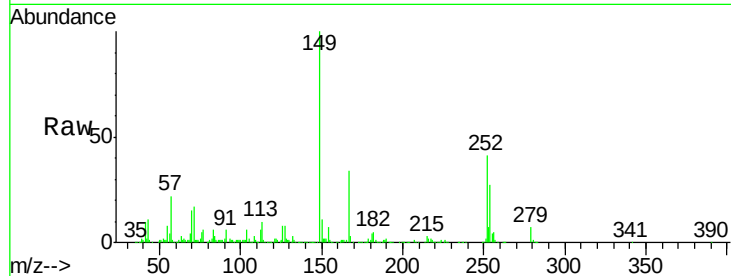




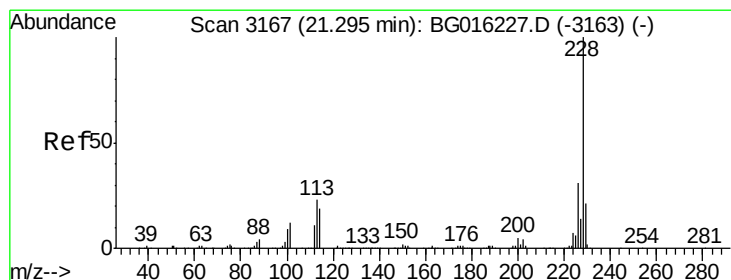
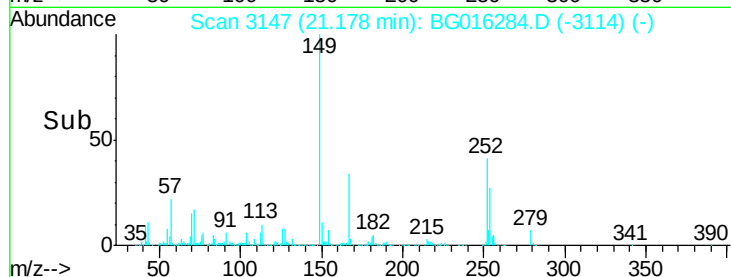
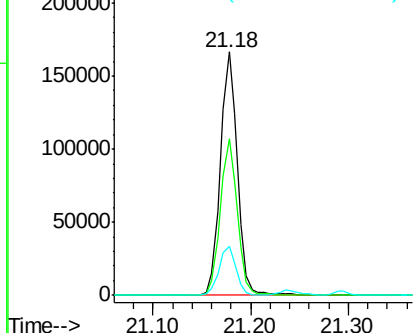
#81
 3,3'-Dichlorobenzidine
 Concen: 30.48 ng
 RT: 21.18 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

Tot Ion:252 Resp: 201947
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 20.3 16.0 24.0

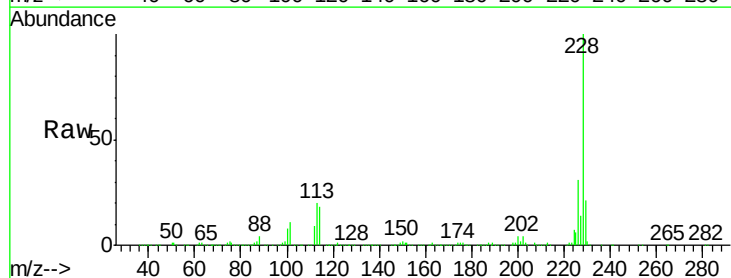


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

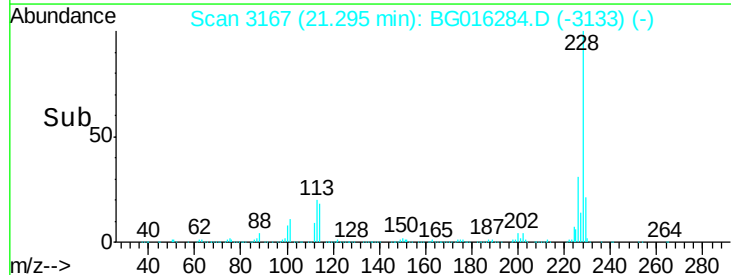
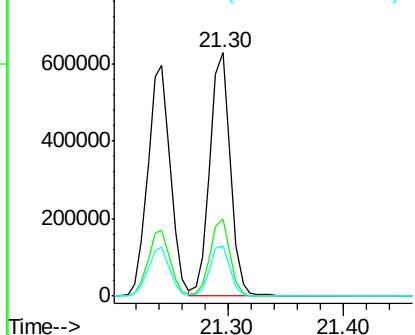


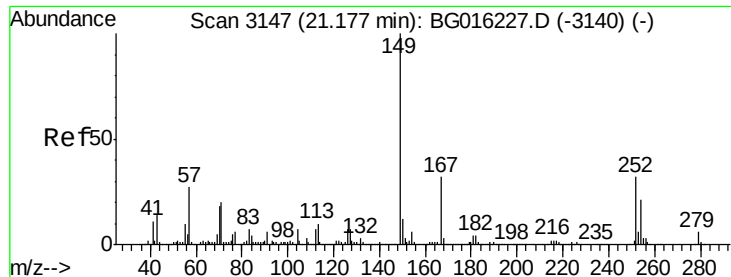
#82
 Chrysene
 Concen: 39.81 ng
 RT: 21.30 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion:228 Resp: 774388
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.4
 229 20.7 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

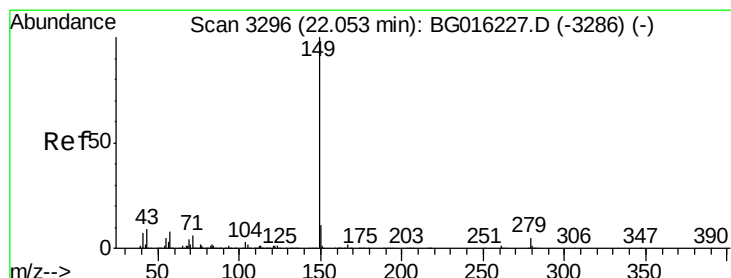
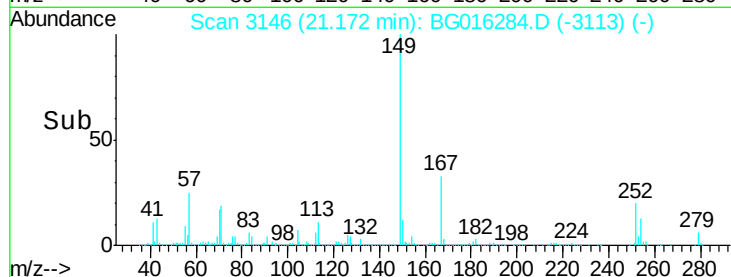
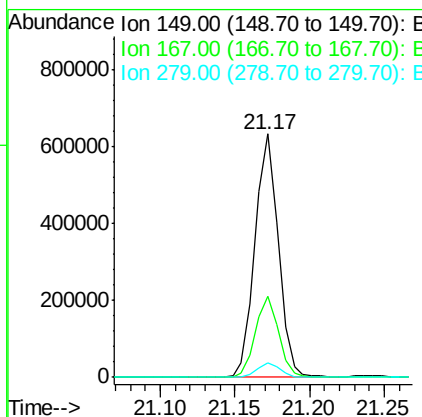
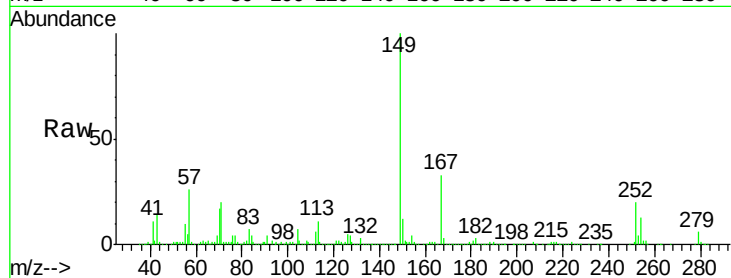




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.31 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

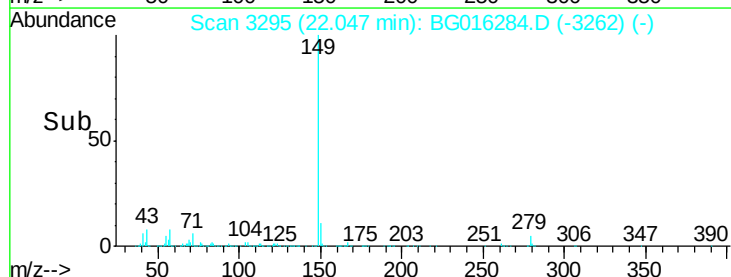
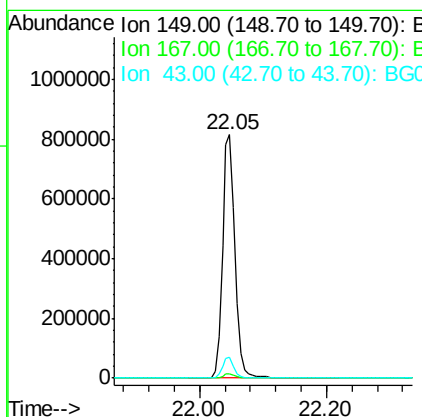
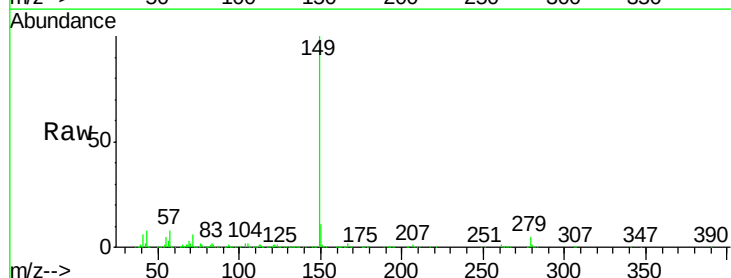
Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

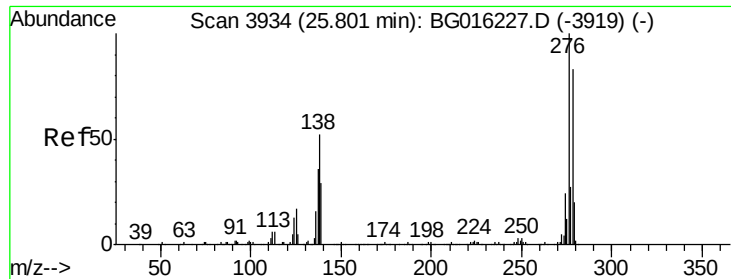
Tot Ion:149 Resp: 683758
 Ion Ratio Lower Upper
 149 100
 167 33.1 25.8 38.6
 279 6.1 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 43.90 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.01 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Tgt Ion:149 Resp: 1129267
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.2 7.0 10.4

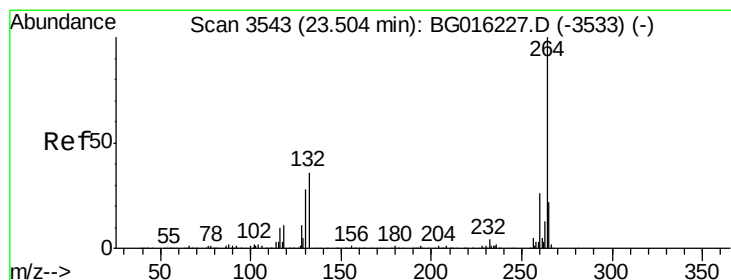
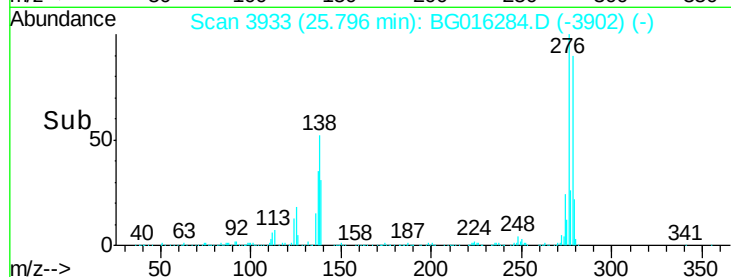
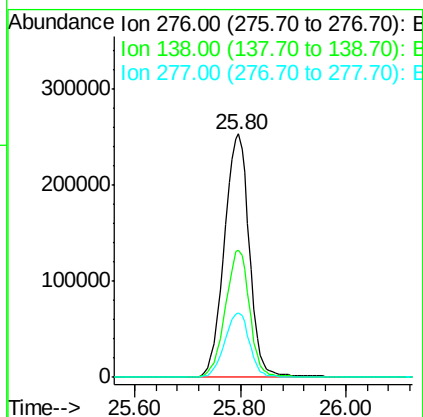
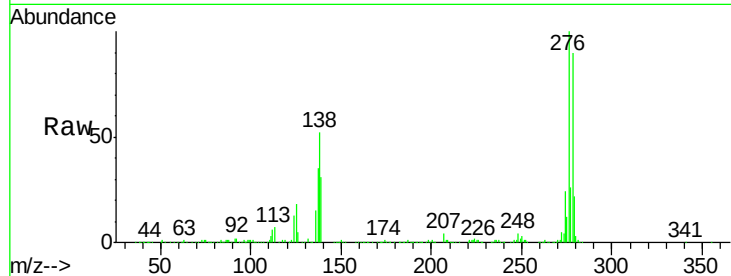




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.30 ng
RT: 25.80 min Scan# 3933
Delta R.T. -0.02 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

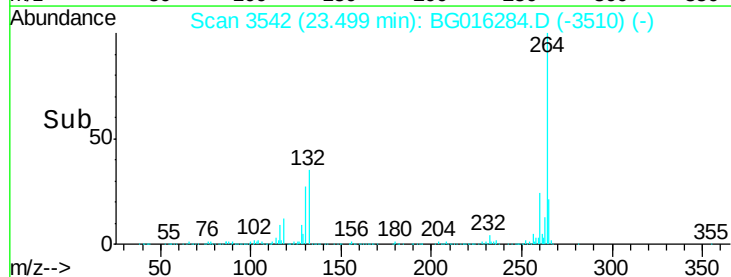
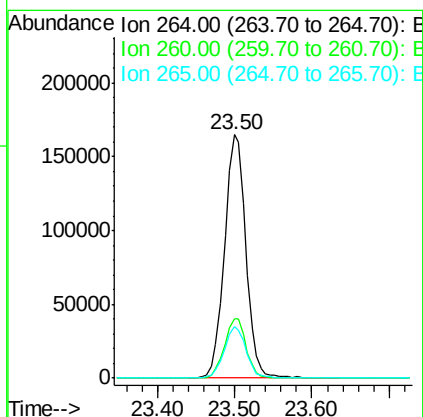
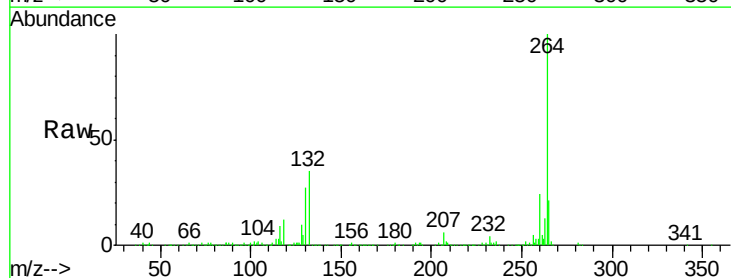
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

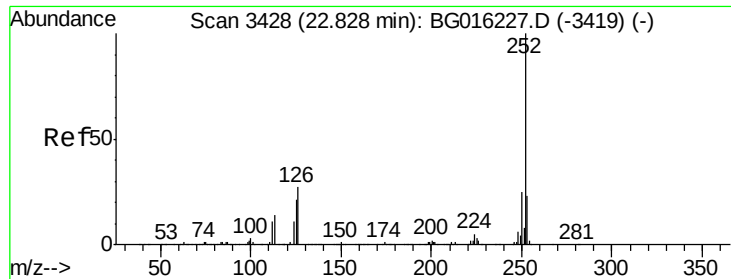
Tot Ion:276 Resp: 834429
Ion Ratio Lower Upper
276 100
138 50.7 41.5 62.3
277 26.1 21.0 31.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion:264 Resp: 318924
Ion Ratio Lower Upper
264 100
260 24.2 20.4 30.6
265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.26 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

Instrument :

BNA_G

ClientSampleId :

SB-18-12-13MSD

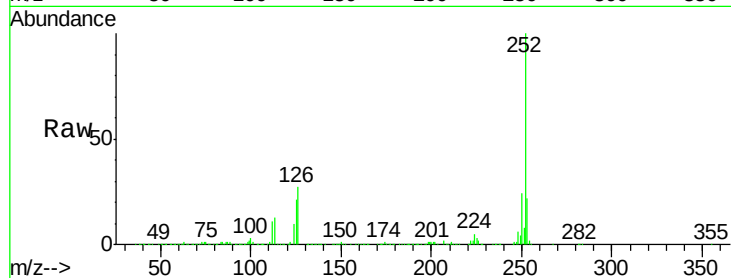
Tot Ion:252 Resp: 770612

Ion Ratio Lower Upper

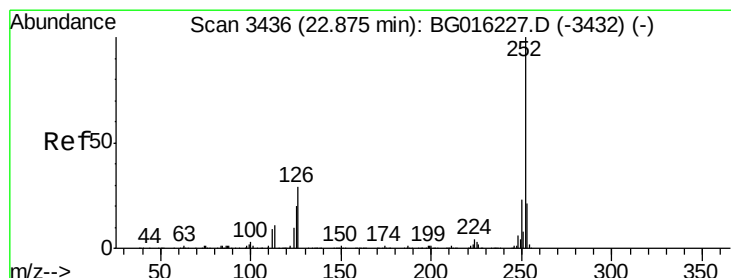
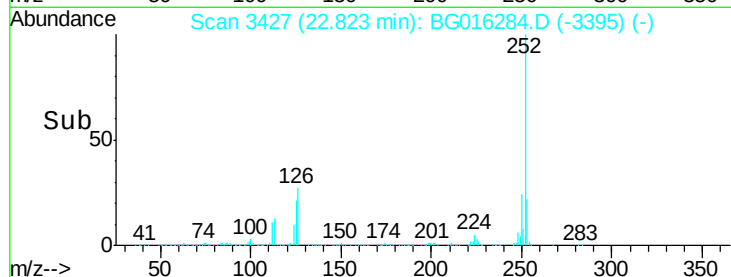
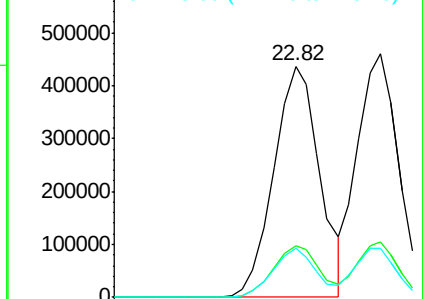
252 100

253 22.4 18.5 27.7

125 21.2 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: 40.41 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BG016284.D

Acq: 8 Apr 2015 20:19

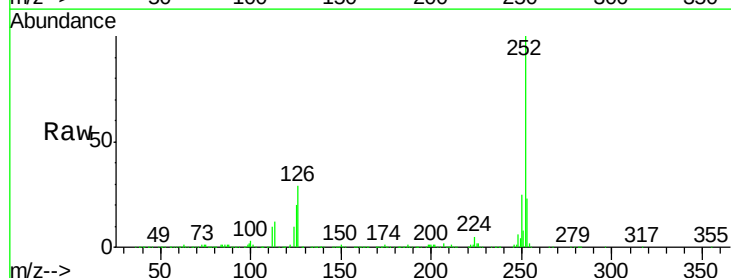
Tgt Ion:252 Resp: 738656

Ion Ratio Lower Upper

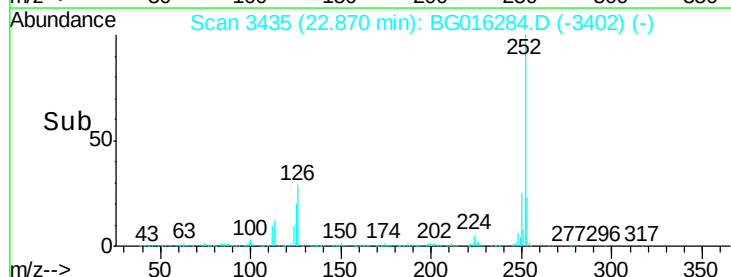
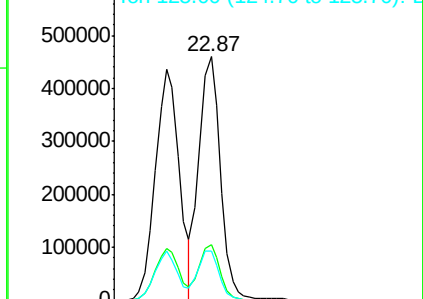
252 100

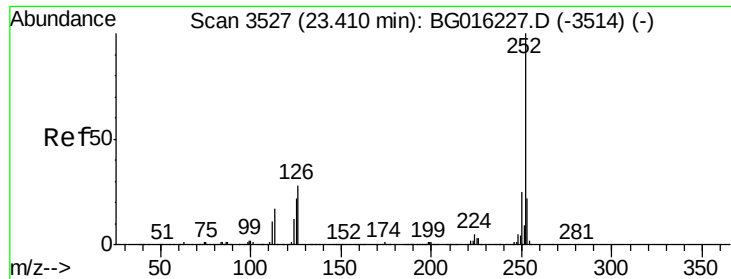
253 23.0 17.5 26.3

125 20.4 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

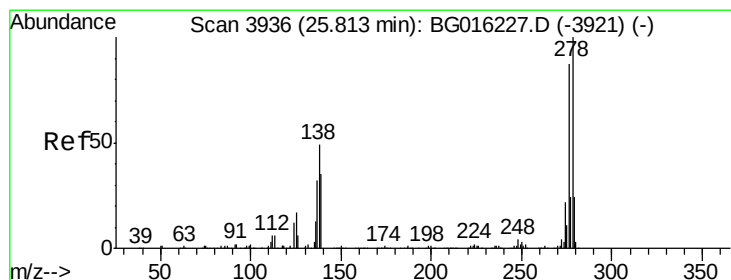
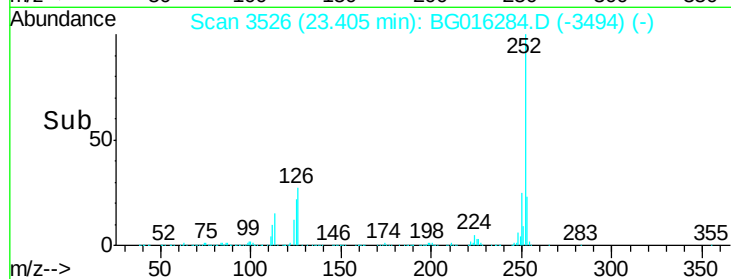
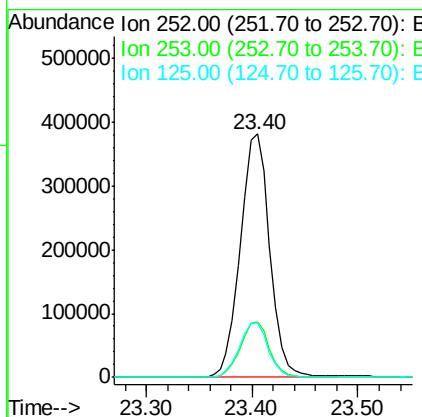
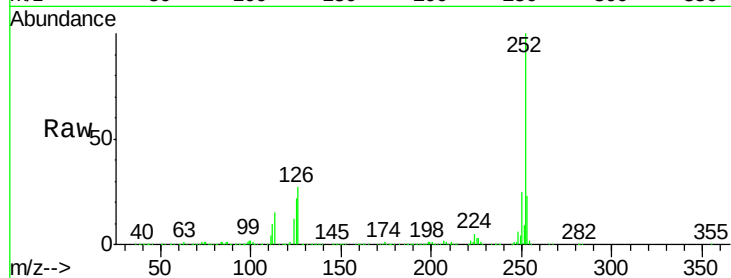




#89
Benzo(a)pyrene
Concen: 42.16 ng
RT: 23.40 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

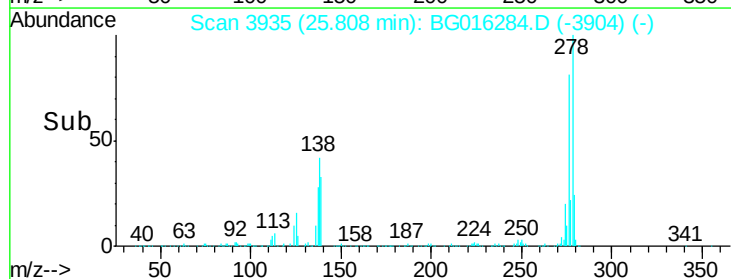
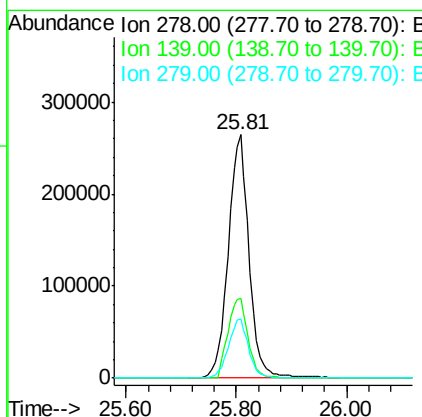
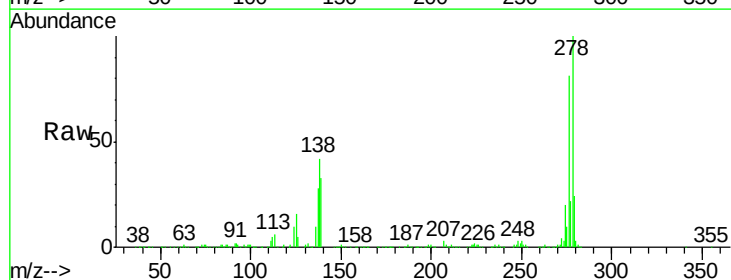
Instrument :
BNA_G
ClientSampleId :
SB-18-12-13MSD

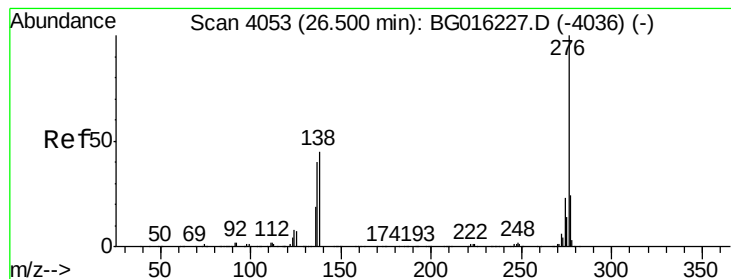
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	22.1	17.6	26.4



#90
Dibenzo(a,h)anthracene
Concen: 40.84 ng
RT: 25.81 min Scan# 3935
Delta R.T. -0.02 min
Lab File: BG016284.D
Acq: 8 Apr 2015 20:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.0	27.9	41.9
279	24.2	19.5	29.3





#91
 Benzo(a,h,i)perylene
 Concen: 41.15 ng
 RT: 26.50 min Scan# 4052
 Delta R.T. -0.02 min
 Lab File: BG016284.D
 Acq: 8 Apr 2015 20:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-18-12-13MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	43.3	35.7	53.5

