

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016366.D
 Acq On : 13 Apr 2015 18:26
 Operator : TP/IZ
 Sample : G1787-20MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

Quant Time: Apr 14 02:29:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 02:12:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	82082	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	354539	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	195177	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	393720	20.00	ng	0.00
75) Chrysene-d12	21.24	240	346998	20.00	ng	0.00
86) Perylene-d12	23.47	264	321194	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	718581	138.16	ng	0.01
7) Phenol-d6	6.87	99	912978	116.93	ng	0.00
23) Nitrobenzene-d5	8.83	82	575989	94.11	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	208122	157.67	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	1147192	100.07	ng	0.00
78) Terphenyl-d14	19.69	244	1287160	86.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	84912	35.91	ng	91
3) Pyridine	3.56	79	176007	24.91	ng	97
4) n-Nitrosodimethylamine	3.47	42	79719	37.95	ng	99
6) Aniline	7.01	93	146864	13.17	ng	98
8) 2-Chlorophenol	7.25	128	278726	44.63	ng	96
9) Benzaldehyde	6.82	77	38847	8.49	ng	99
10) Phenol	6.89	94	310083	37.12	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	268159	40.26	ng	99
12) 1,3-Dichlorobenzene	7.56	146	262497	41.62	ng	98
13) 1,4-Dichlorobenzene	7.71	146	273000	41.72	ng	98
14) 1,2-Dichlorobenzene	8.03	146	261097	41.73	ng	98
15) Benzyl Alcohol	7.92	79	217441	39.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	295604	39.40	ng	99
17) 2-Methylphenol	8.13	107	229635	40.99	ng	98
18) Hexachloroethane	8.75	117	98953	39.53	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	199318	35.63	ng	98
20) 3+4-Methylphenols	8.46	107	304682	39.27	ng	100
22) Acetophenone	8.50	105	371613	45.20	ng	99
24) Nitrobenzene	8.87	77	278552	42.56	ng	93
25) Isophorone	9.40	82	543556	39.99	ng	97
26) 2-Nitrophenol	9.59	139	154028	50.47	ng	96
27) 2,4-Dimethylphenol	9.65	122	267848	47.12	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	330605	42.62	ng	99
29) 2,4-Dichlorophenol	10.12	162	232394	51.66	ng	98
30) 1,2,4-Trichlorobenzene	10.33	180	221065	47.07	ng	99
31) Naphthalene	10.51	128	820687	44.42	ng	100
32) Benzoic acid	9.79	122	146030	40.95	ng	97
33) 4-Chloroaniline	10.63	127	42663	4.92	ng	97
34) Hexachlorobutadiene	10.80	225	96156	46.61	ng	99
35) Caprolactam	11.40	113	40354	14.25	ng	99
36) 4-Chloro-3-methylphenol	11.77	107	266919	44.92	ng	94
37) 2-Methylnaphthalene	12.13	142	587976	44.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	203450	47.34	ng	99
40) Hexachlorocyclopentadiene	12.48	237	165911	84.35	ng	98

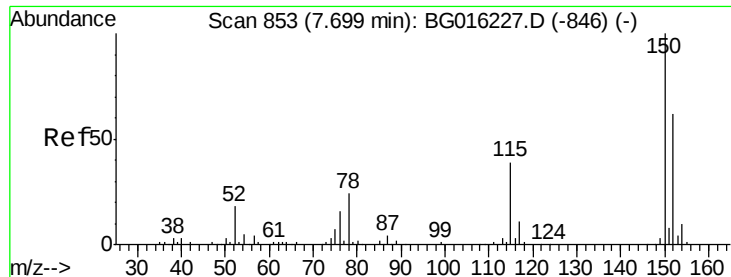
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	160146	50.15	ng	98
43) 2,4,5-Trichlorophenol	12.82	196	174127	51.04	ng	95
45) 1,1'-Biphenyl	13.15	154	699411	46.71	ng	98
46) 2-Chloronaphthalene	13.19	162	528089	46.30	ng	99
47) 2-Nitroaniline	13.40	65	167480	45.56	ng	92
48) Acenaphthylene	14.04	152	883770	43.58	ng	99
49) Dimethylphthalate	13.78	163	639988	44.74	ng	99
50) 2,6-Dinitrotoluene	13.90	165	163976	47.40	ng	94
51) Acenaphthene	14.39	154	547354	45.16	ng	99
52) 3-Nitroaniline	14.23	138	84690	19.17	ng	89
53) 2,4-Dinitrophenol	14.44	184	179033	88.45	ng	94
54) Dibenzofuran	14.72	168	782003	46.50	ng	98
55) 4-Nitrophenol	14.56	139	321797	88.13	ng	98
56) 2,4-Dinitrotoluene	14.69	165	229565	48.72	ng	92
57) Fluorene	15.37	166	676669	45.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.95	232	133000	50.51	ng	95
59) Diethylphthalate	15.15	149	683600	44.90	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	279796	46.10	ng	96
61) 4-Nitroaniline	15.40	138	210749	42.02	ng	97
62) Azobenzene	15.65	77	691886	42.69	ng	99
64) 4,6-Dinitro-2-methylphenol	15.46	198	121110	44.05	ng	96
65) n-Nitrosodiphenylamine	15.58	169	609178	45.77	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	147994	47.08	ng	98
67) Hexachlorobenzene	16.37	284	150572	46.09	ng	99
68) Atrazine	16.53	200	176764	47.65	ng	99
69) Pentachlorophenol	16.72	266	196618	98.55	ng	97
70) Phenanthrene	17.10	178	1010590	45.63	ng	99
71) Anthracene	17.19	178	1016446	46.32	ng	99
72) Carbazole	17.47	167	1067156	48.45	ng	99
73) Di-n-butylphthalate	18.03	149	1236835	45.89	ng	99
74) Fluoranthene	19.12	202	1057626	46.34	ng	97
76) Benzidine	19.31	184	44010	2.99	ng	99
77) Pyrene	19.48	202	1091025	45.15	ng	99
79) Butylbenzylphthalate	20.38	149	592413	49.90	ng	95
80) Benzo(a)anthracene	21.22	228	945003	46.08	ng	100
81) 3,3'-Dichlorobenzidine	21.16	252	175311	25.99	ng	99
82) Chrysene	21.28	228	907957	45.86	ng	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	811637	50.50	ng	97
84) Di-n-octyl phthalate	22.02	149	1347056	51.45	ng	99
85) Indeno(1,2,3-cd)pyrene	25.75	276	1000341	48.63	ng	99
87) Benzo(b)fluoranthene	22.80	252	934263	49.66	ng	99
88) Benzo(k)fluoranthene	22.85	252	849600	46.15	ng	99
89) Benzo(a)pyrene	23.38	252	883930	50.14	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	826975	48.20	ng	99
91) Benzo(g,h,i)perylene	26.45	276	855848	49.94	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG016366.D

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BNA_G

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LS-SD01AMSD

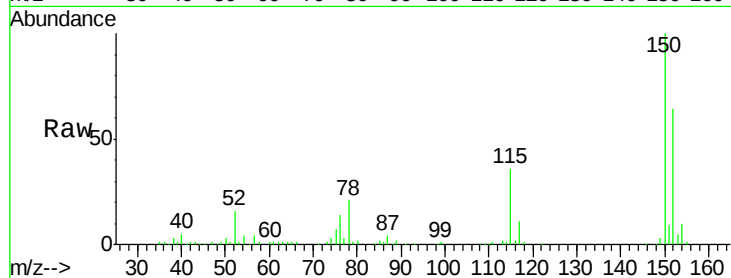
Tgt Ion:152 Resp: 82082

Ion Ratio Lower Upper

152 100

150 156.7 130.1 195.1

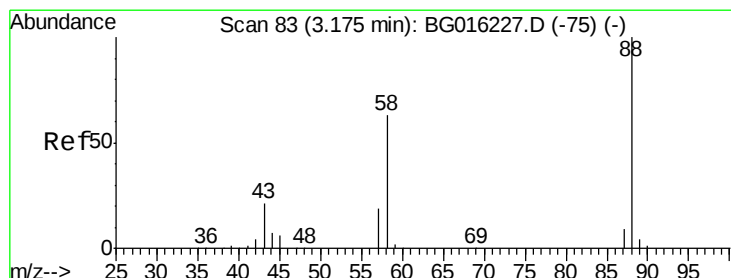
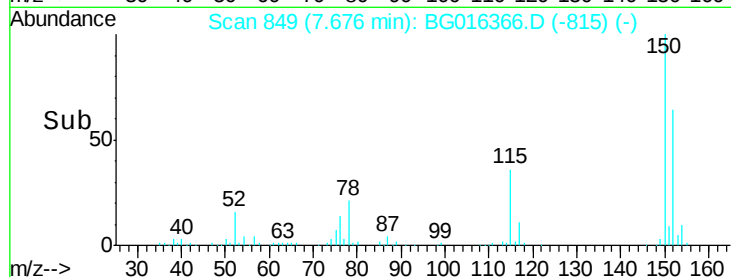
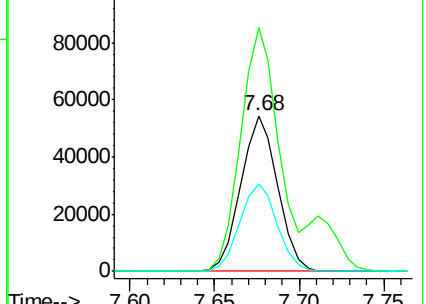
115 56.3 50.5 75.7



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: 35.91 ng

RT: 3.16 min Scan# 80

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

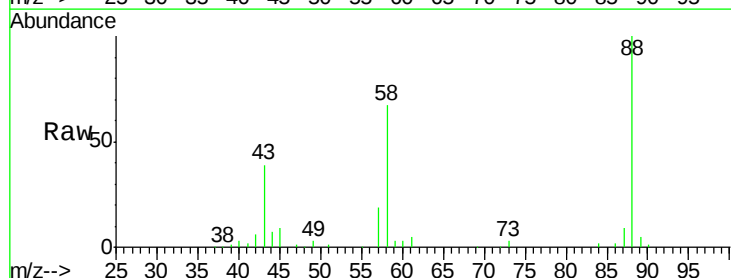
Tgt Ion: 88 Resp: 84912

Ion Ratio Lower Upper

88 100

58 63.5 50.6 76.0

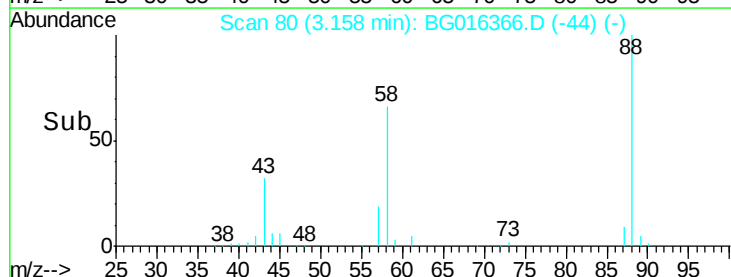
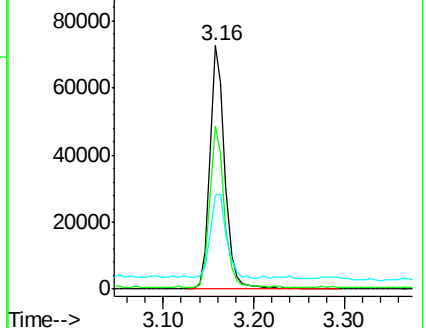
43 36.9 17.0 25.4#

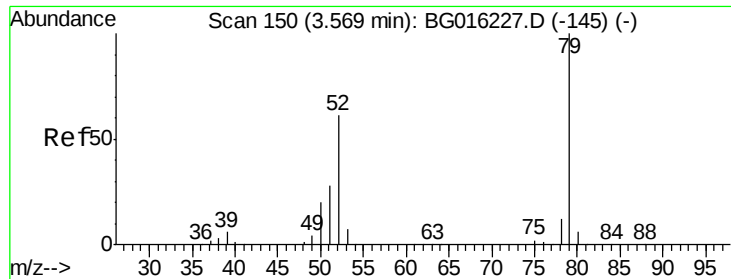


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 24.91 ng

RT: 3.56 min Scan# 148

Delta R.T. 0.02 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

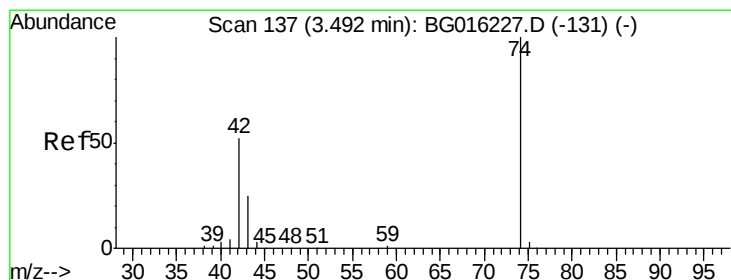
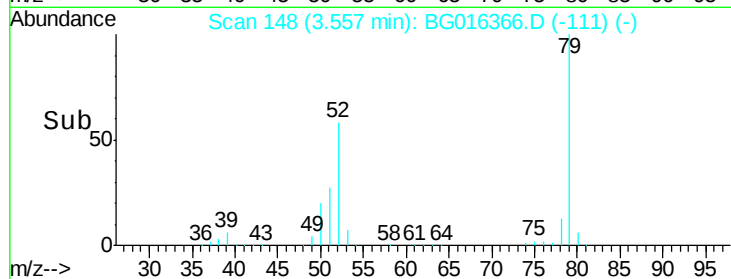
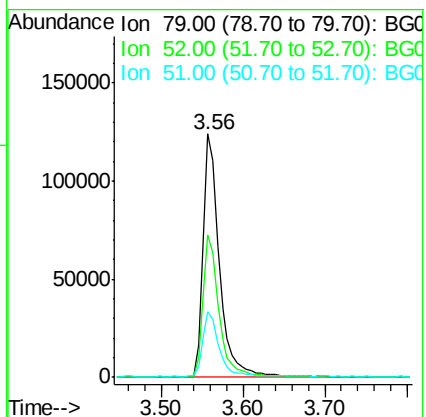
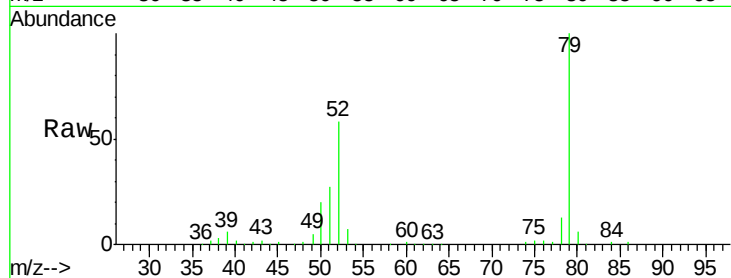
Tgt Ion: 79 Resp: 176007

Ion Ratio Lower Upper

79 100

52 58.5 49.0 73.4

51 27.1 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 37.95 ng

RT: 3.47 min Scan# 133

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

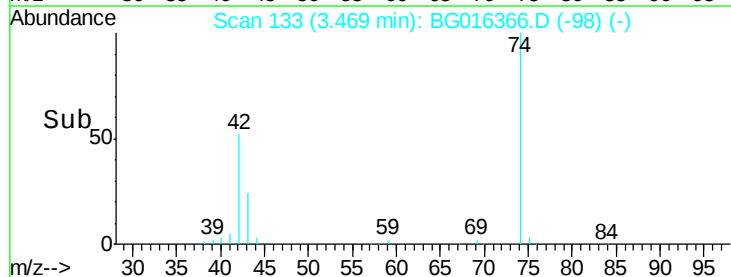
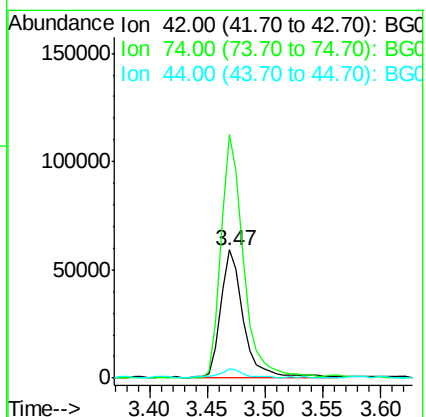
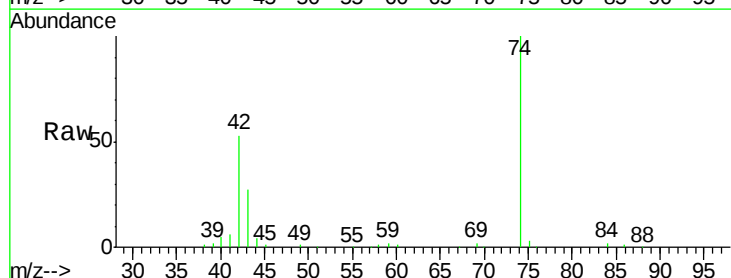
Tgt Ion: 42 Resp: 79719

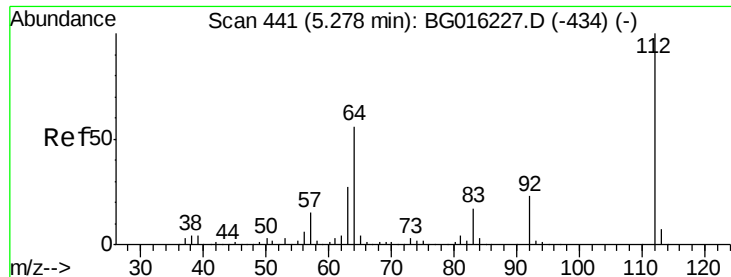
Ion Ratio Lower Upper

42 100

74 190.2 153.7 230.5

44 7.1 5.3 7.9





#5

2-Fluorophenol

Concen: 138.16 ng

RT: 5.27 min Scan# 439

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

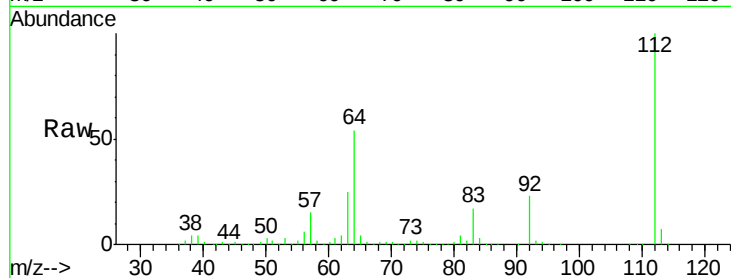
Instrument :

BNA_G

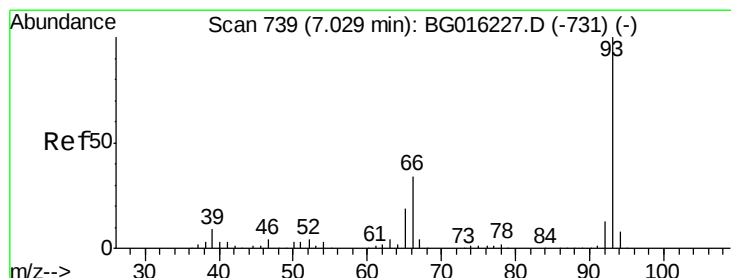
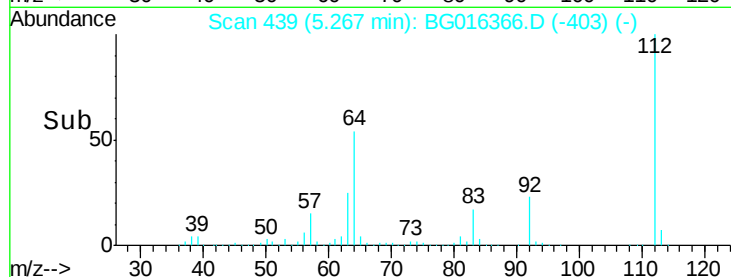
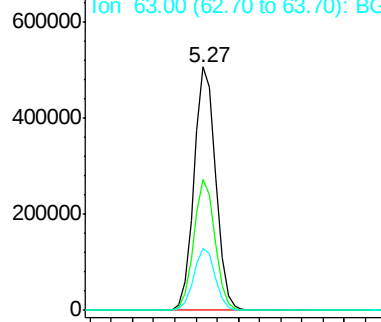
ClientSampleId :

LS-SD01AMSD

Tgt Ion:	112	Resp:	718581
Ion	Ratio	Lower	Upper
112	100		
64	53.6	44.5	66.7
63	25.5	21.4	32.0



Abundance Ion 112.00 (111.70 to 112.70): BGC



#6

Aniline

Concen: 13.17 ng

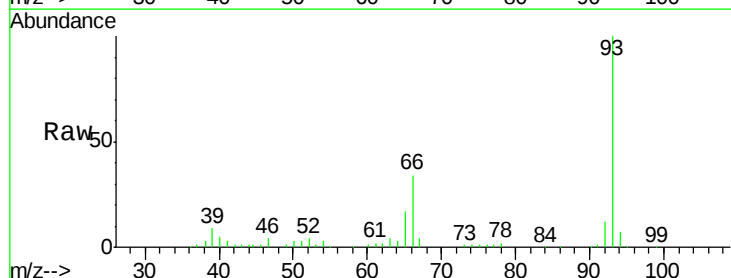
RT: 7.01 min Scan# 736

Delta R.T. 0.01 min

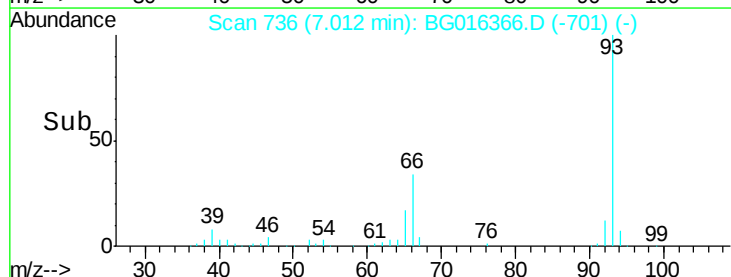
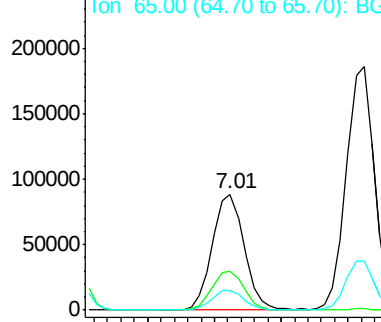
Lab File: BG016366.D

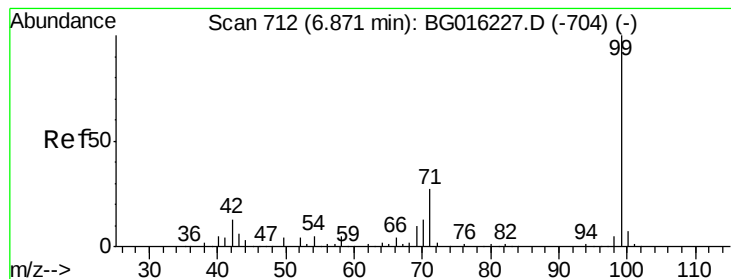
Acq: 13 Apr 2015 18:26

Tgt Ion:	93	Resp:	146864
Ion	Ratio	Lower	Upper
93	100		
66	33.6	27.5	41.3
65	17.4	15.1	22.7



Abundance Ion 93.00 (92.70 to 93.70): BGC





#7

Phenol-d6

Concen: 116.93 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

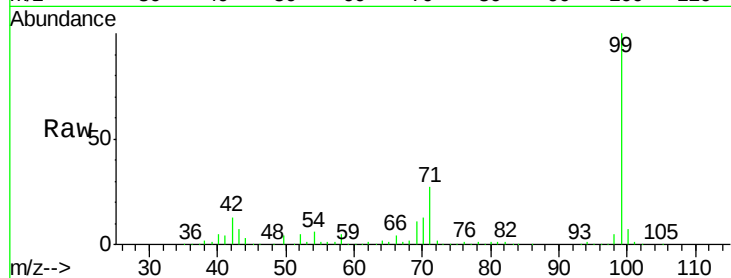
Tgt Ion: 99 Resp: 912978

Ion Ratio Lower Upper

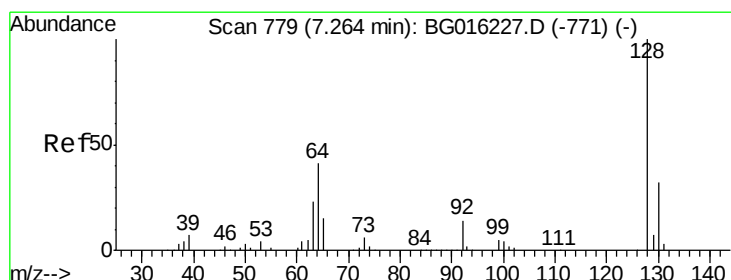
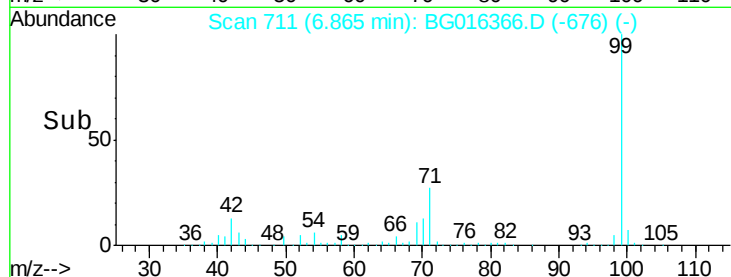
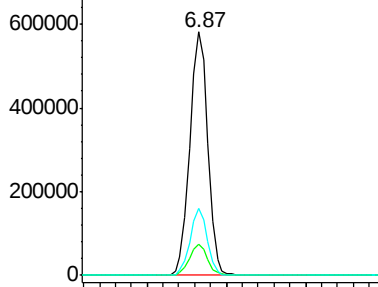
99 100

42 12.6 10.0 15.0

71 27.4 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: 44.63 ng

RT: 7.25 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

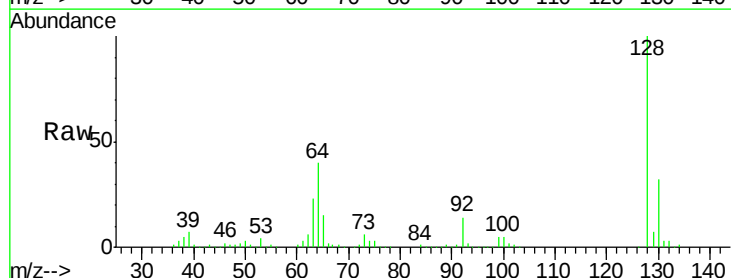
Tgt Ion: 128 Resp: 278726

Ion Ratio Lower Upper

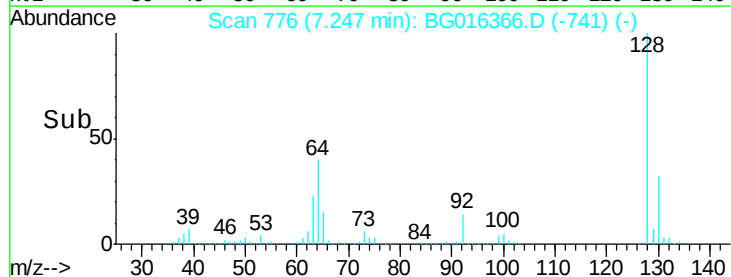
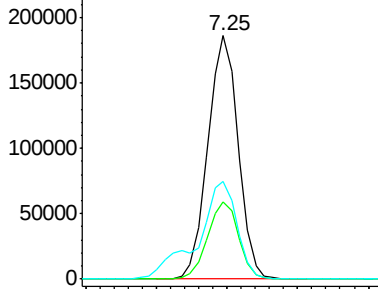
128 100

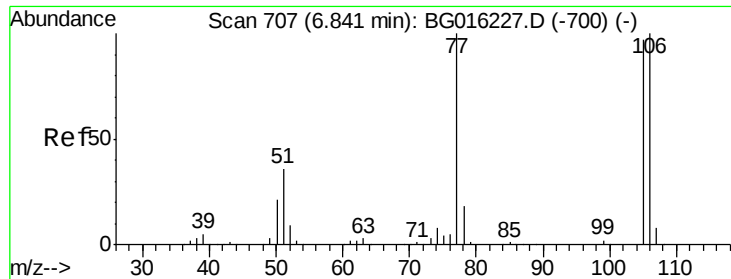
130 31.8 11.6 51.6

64 40.4 24.2 64.2



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





#9

Benzaldehyde

Concen: 8.49 ng

RT: 6.82 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG016366.D

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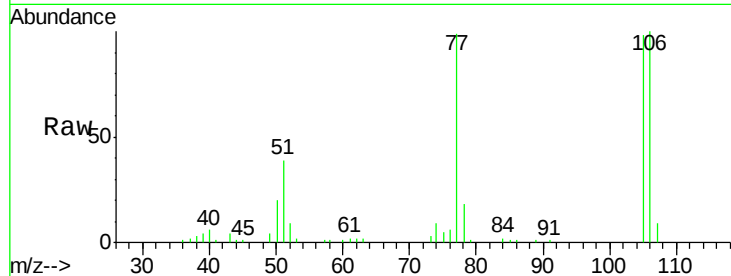
Tgt Ion: 77 Resp: 38847

Ion Ratio Lower Upper

77 100

105 98.6 76.8 116.8

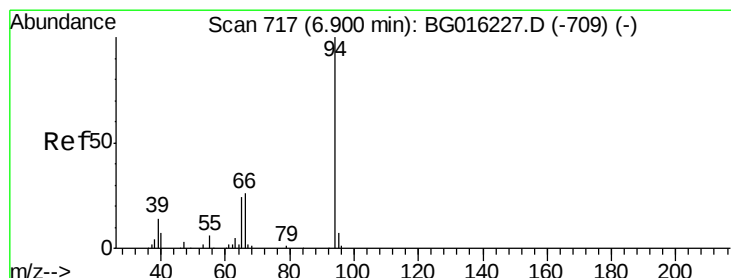
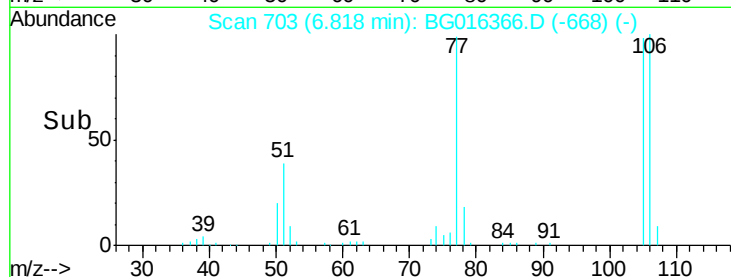
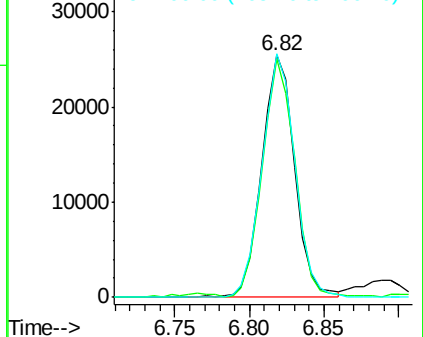
106 100.6 80.1 120.1



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: 37.12 ng

RT: 6.89 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

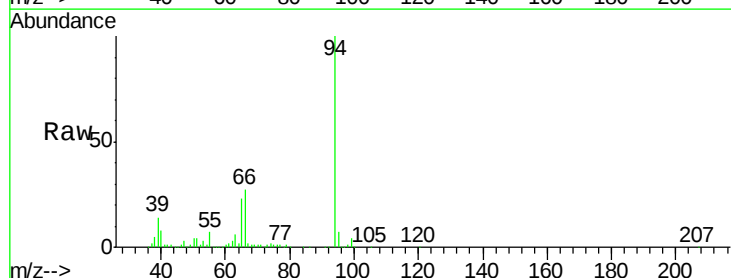
Tgt Ion: 94 Resp: 310083

Ion Ratio Lower Upper

94 100

65 22.7 3.8 43.8

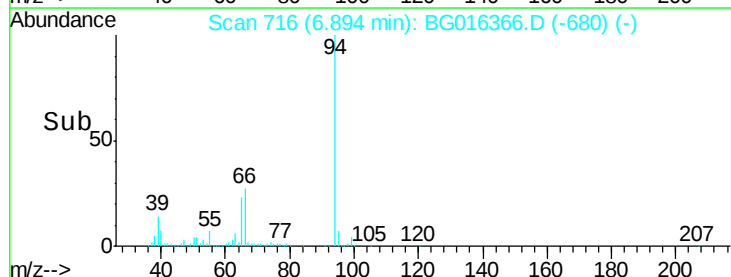
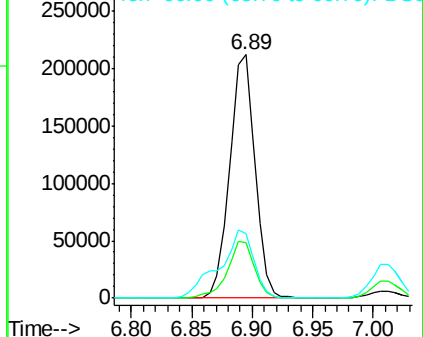
66 26.7 7.4 47.4

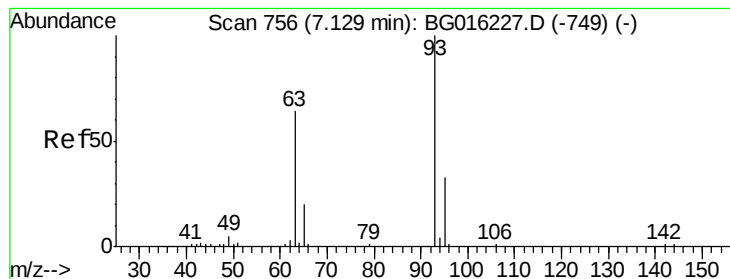


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.26 ng

RT: 7.11 min Scan# 753

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

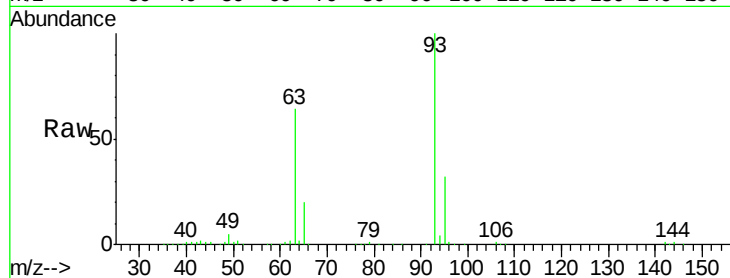
Tgt Ion: 93 Resp: 268159

Ion Ratio Lower Upper

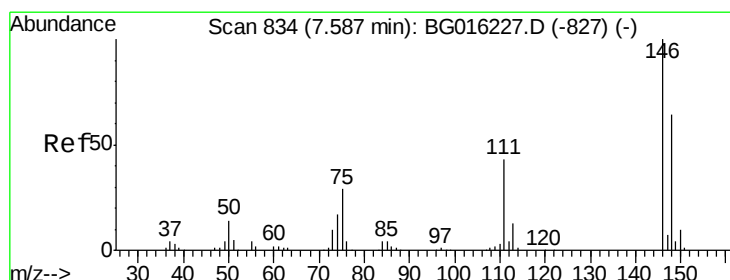
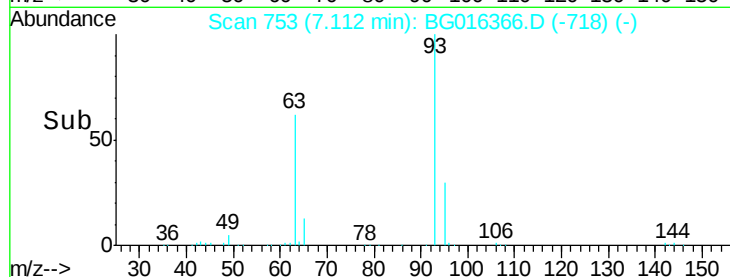
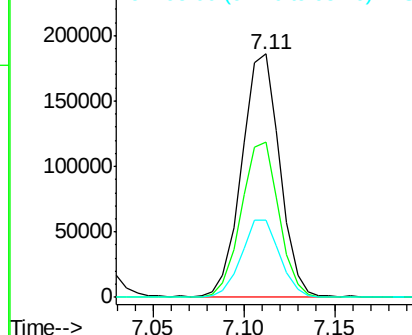
93 100

63 63.9 44.1 84.1

95 31.9 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: 41.62 ng

RT: 7.56 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

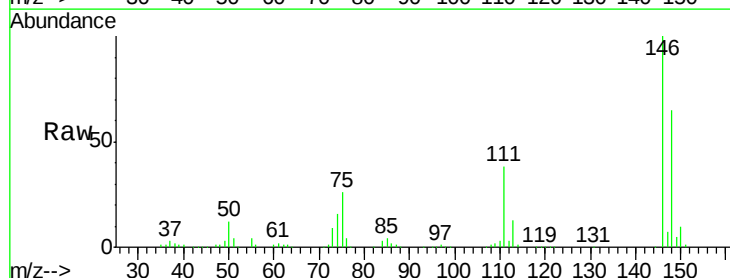
Tgt Ion: 146 Resp: 262497

Ion Ratio Lower Upper

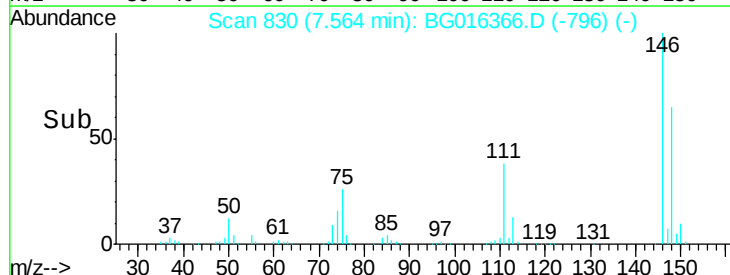
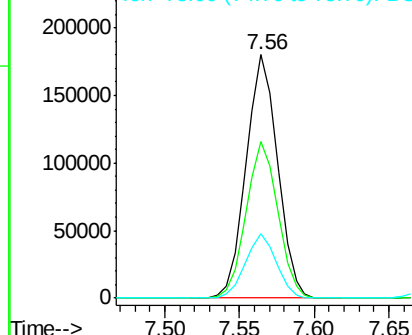
146 100

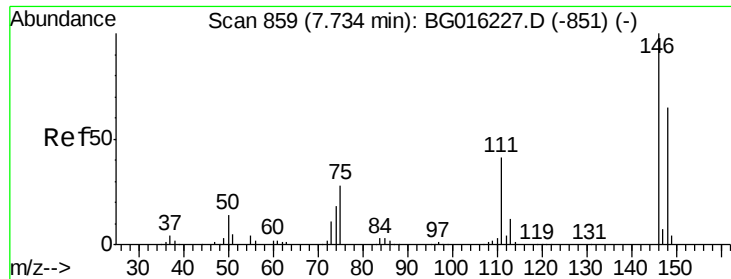
148 64.5 50.9 76.3

75 26.4 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

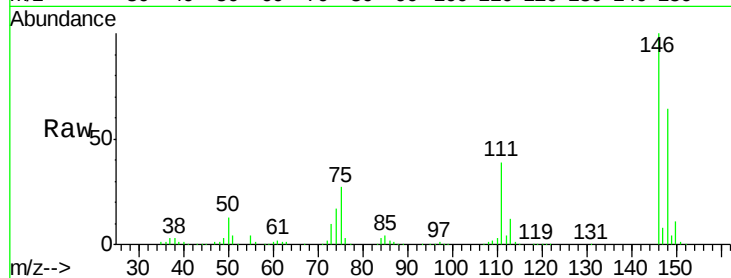




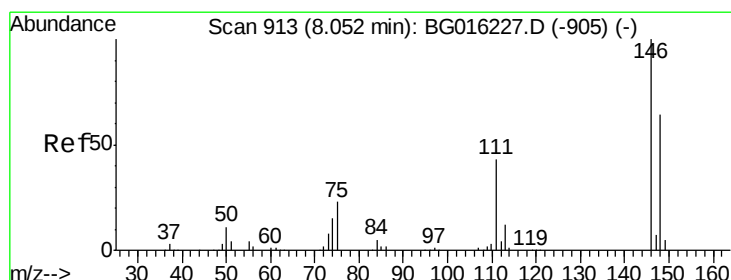
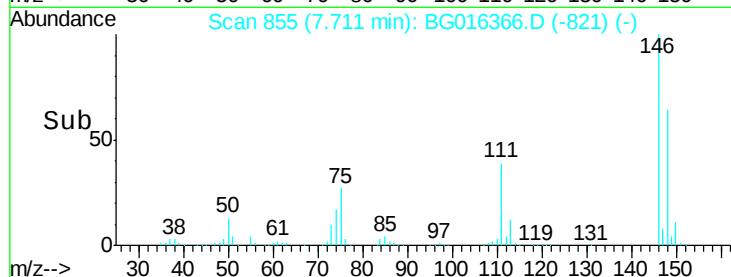
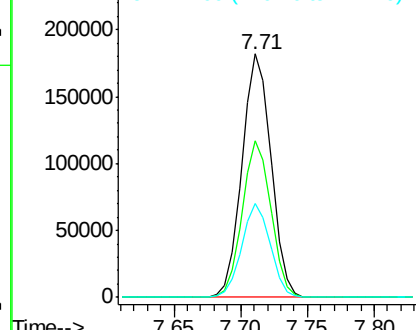
#13
 1,4-Dichlorobenzene
 Concen: 41.72 ng
 RT: 7.71 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

Tgt Ion:146 Resp: 273000
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 38.7 32.6 49.0

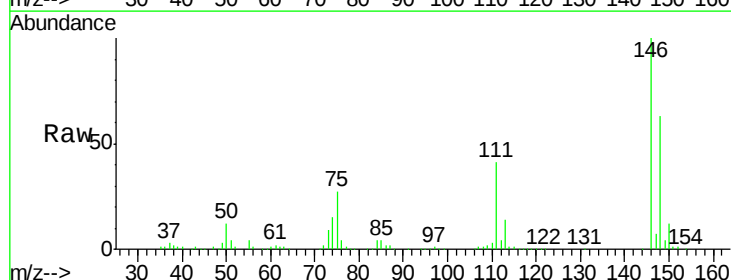


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

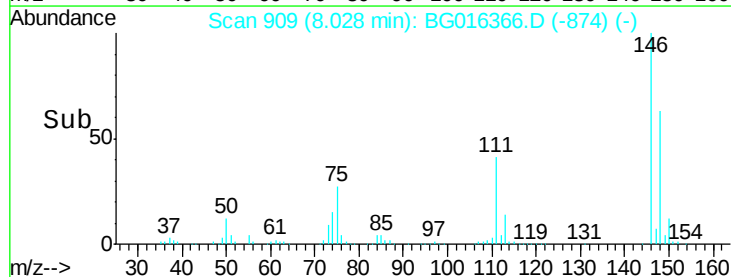
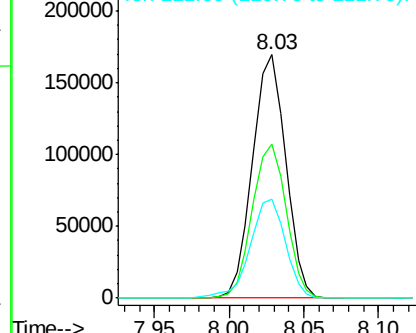


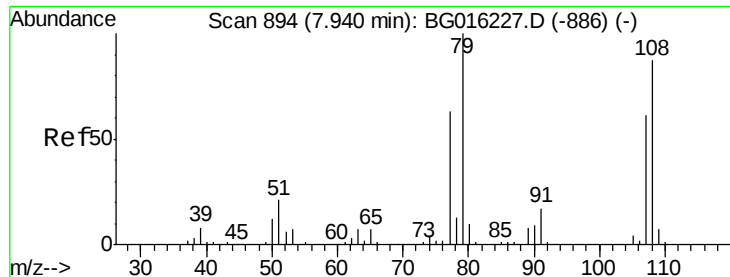
#14
 1,2-Dichlorobenzene
 Concen: 41.73 ng
 RT: 8.03 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:146 Resp: 261097
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.9 76.3
 111 40.6 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: 39.95 ng

RT: 7.92 min Scan# 891

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

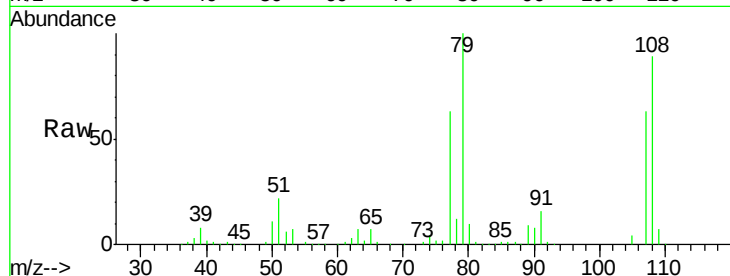
Tgt Ion: 79 Resp: 217441

Ion Ratio Lower Upper

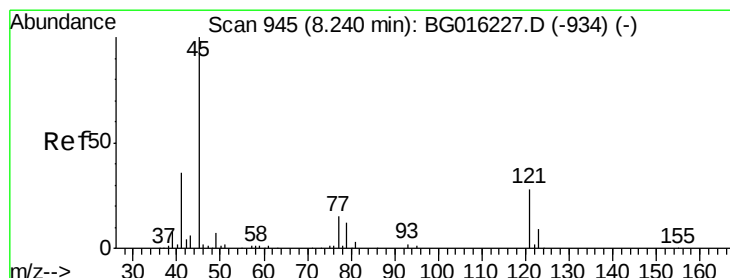
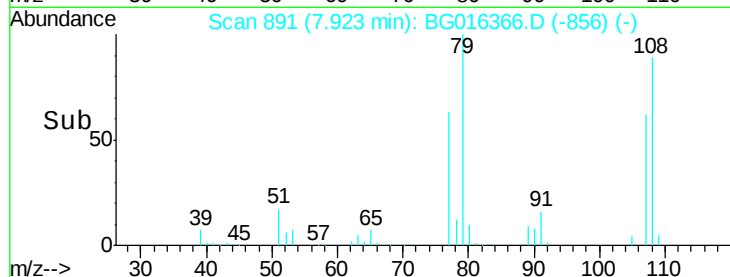
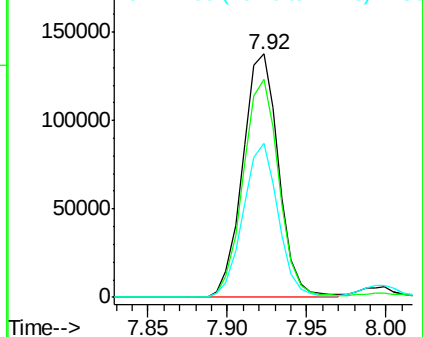
79 100

108 89.4 69.3 103.9

77 63.1 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: 39.40 ng

RT: 8.22 min Scan# 941

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

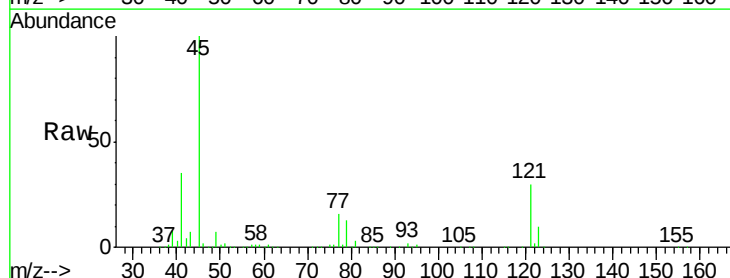
Tgt Ion: 45 Resp: 295604

Ion Ratio Lower Upper

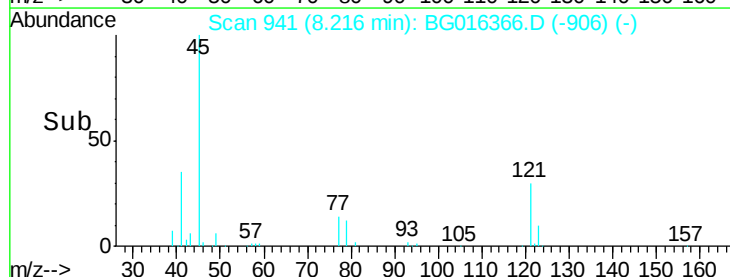
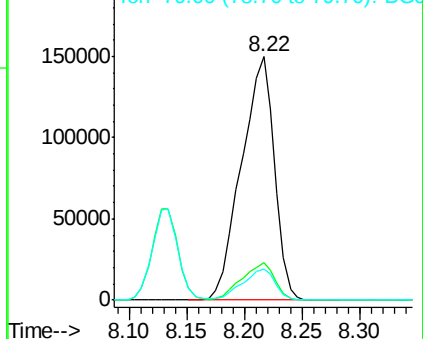
45 100

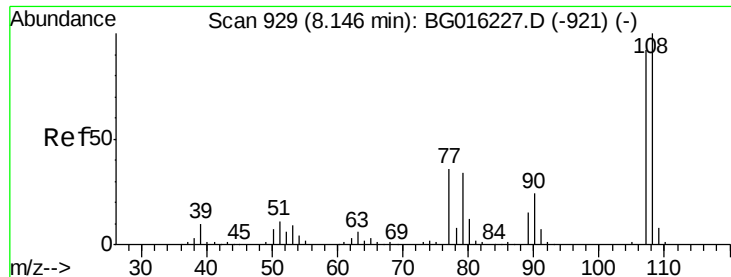
77 15.6 0.0 35.3

79 12.7 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

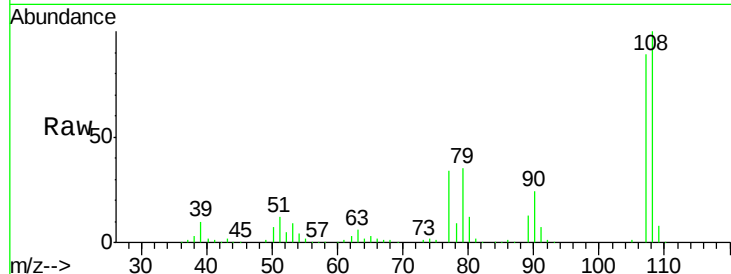




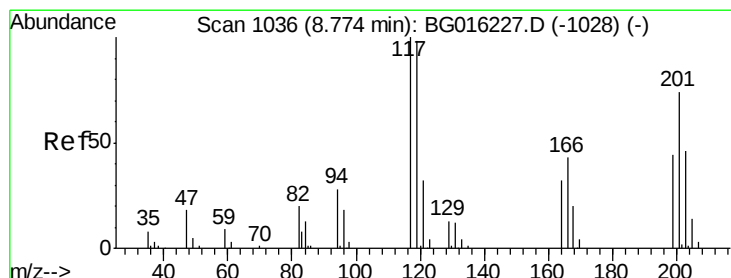
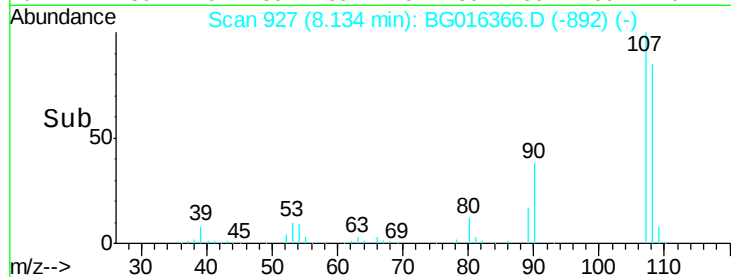
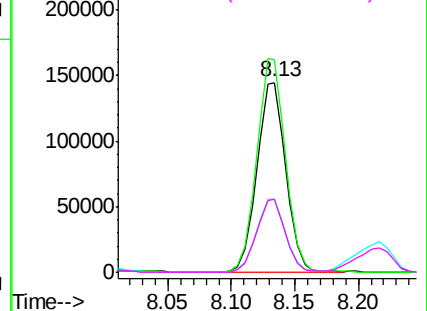
#17
2-Methylphenol
Concen: 40.99 ng
RT: 8.13 min Scan# 927
Delta R.T. 0.01 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

Tgt Ion:	107	Resp:	229635
Ion	Ratio	Lower	Upper
107	100		
108	112.0	87.2	130.8
77	38.6	31.1	46.7
79	38.8	29.7	44.5

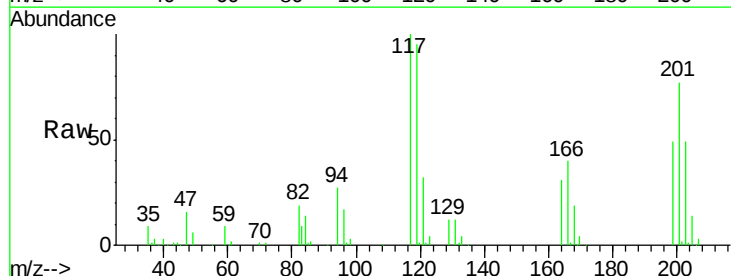


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

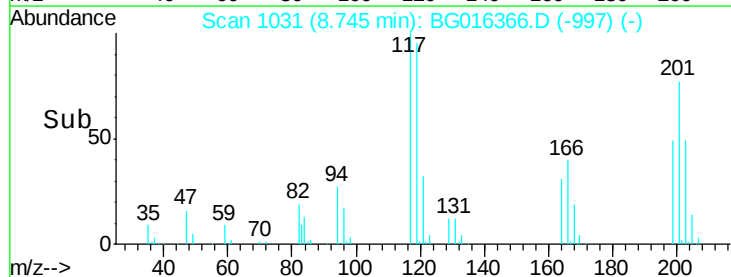
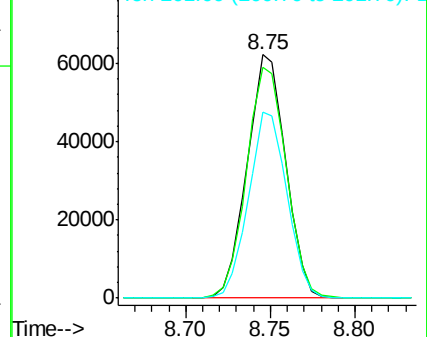


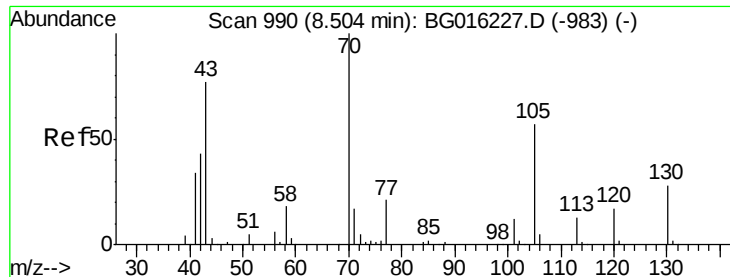
#18
Hexachloroethane
Concen: 39.53 ng
RT: 8.75 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:	117	Resp:	98953
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.8	118.2
201	76.6	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

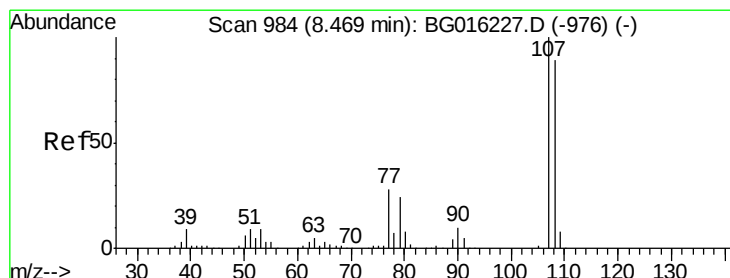
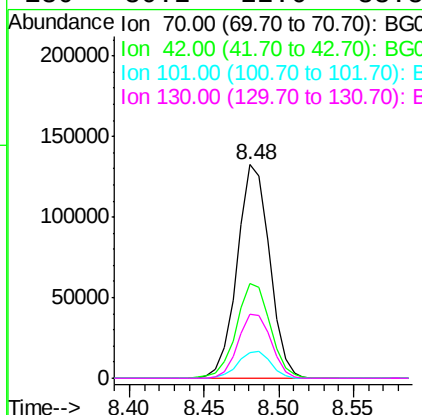
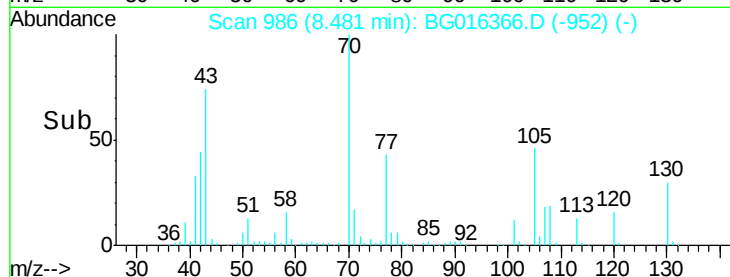
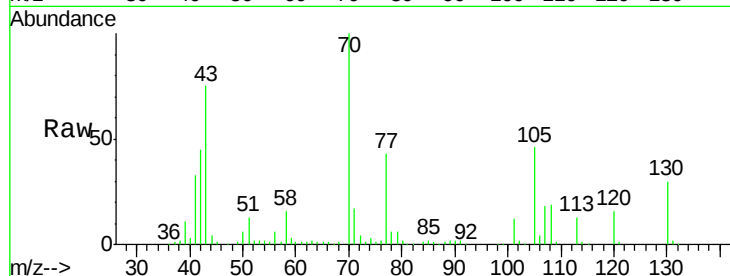




#19
n-Nitroso-di-n-propylamine
Concen: 35.63 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

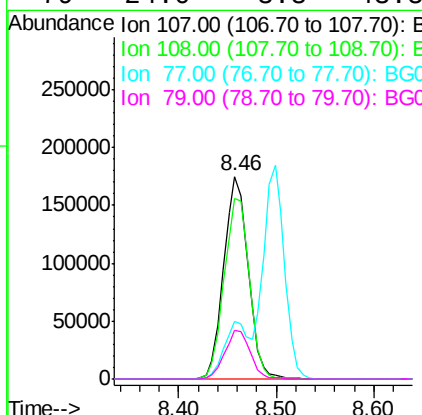
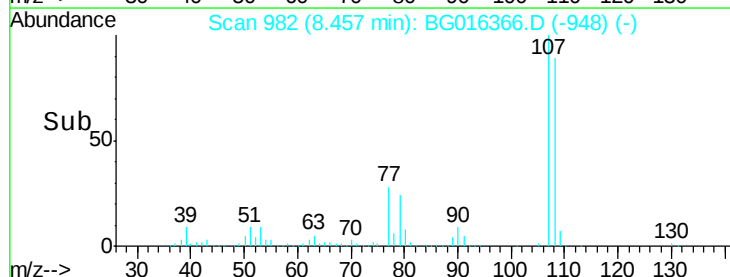
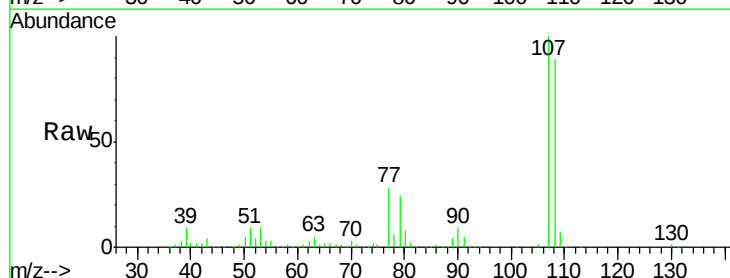
Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

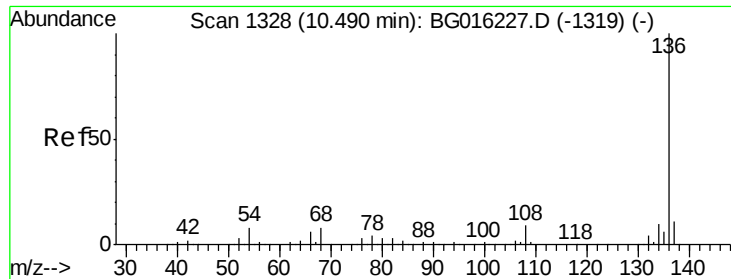
Tgt Ion: 70 Resp: 199318
Ion Ratio Lower Upper
70 100
42 44.5 34.7 52.1
101 12.1 9.2 13.8
130 30.2 22.6 33.8



#20
3+4-Methylphenols
Concen: 39.27 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion: 107 Resp: 304682
Ion Ratio Lower Upper
107 100
108 89.3 69.5 109.5
77 28.1 8.2 48.2
79 24.0 3.8 43.8

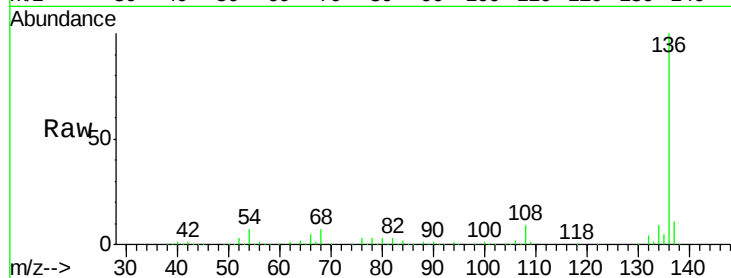




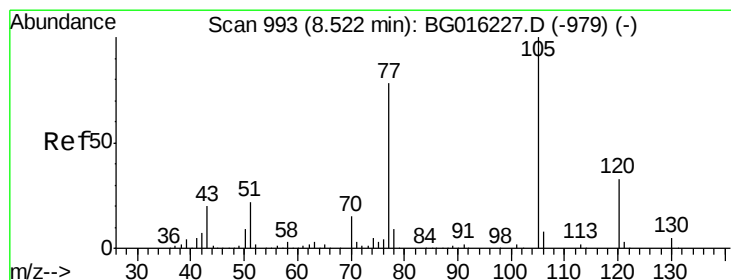
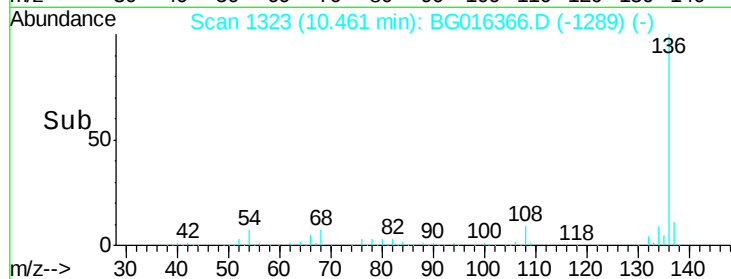
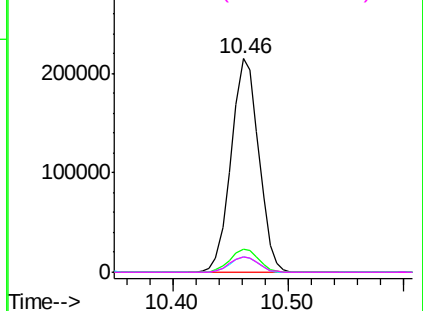
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

Tgt Ion:	136	Resp:	354539
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.2	6.3	9.5
68	7.2	6.5	9.7

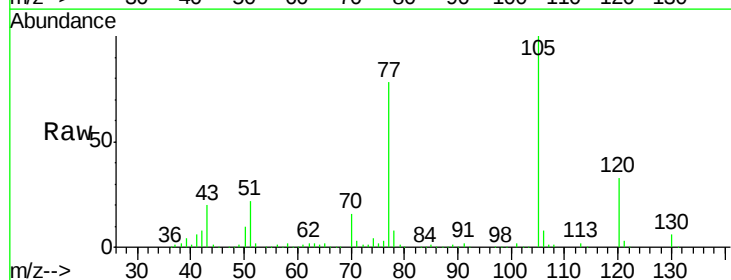


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

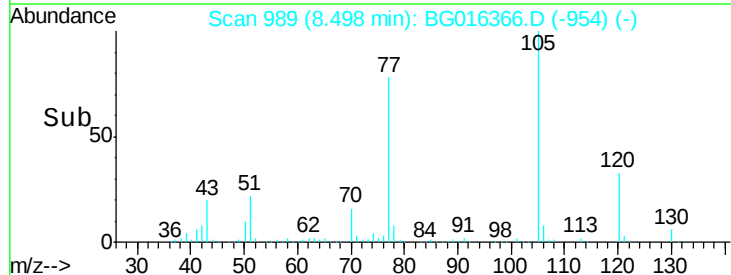
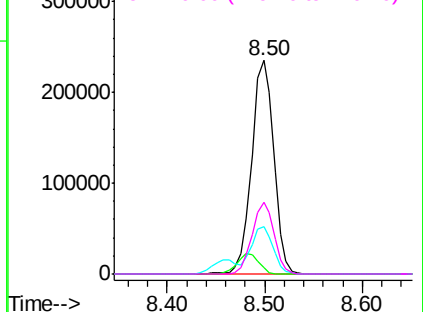


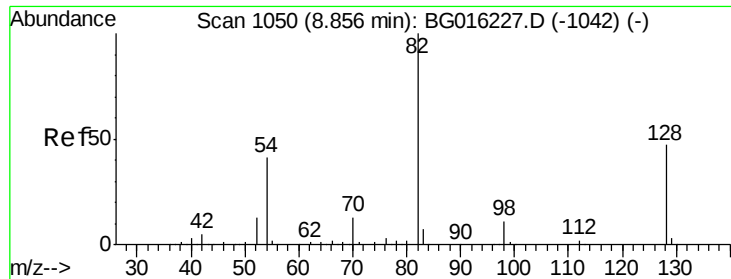
#22
Acetophenone
Concen: 45.20 ng
RT: 8.50 min Scan# 989
Delta R.T. 0.01 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:	105	Resp:	371613
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	22.3	17.9	26.9
120	33.4	26.3	39.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

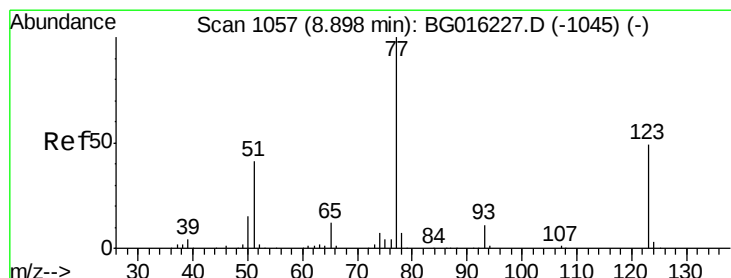
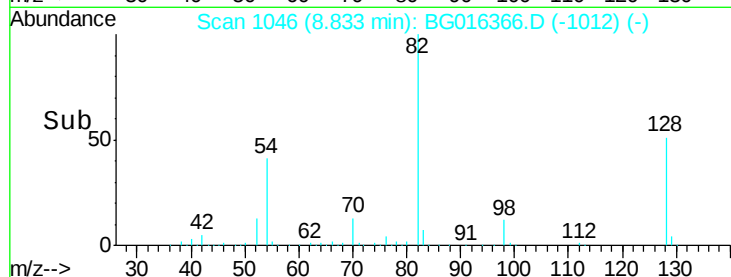
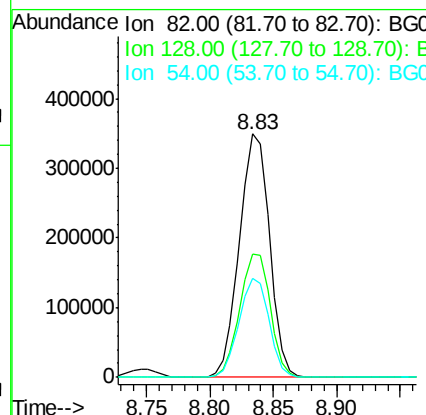
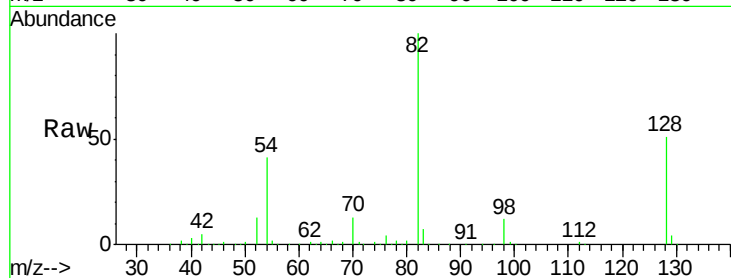




#23
 Nitrobenzene-d5
 Concen: 94.11 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

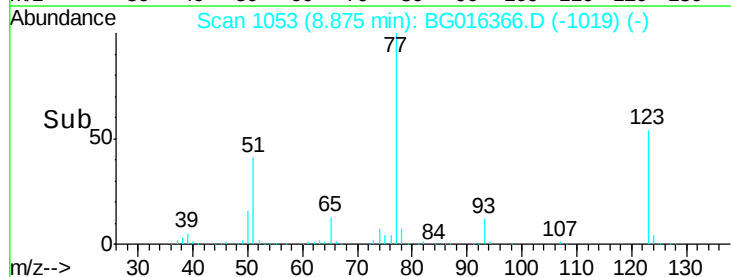
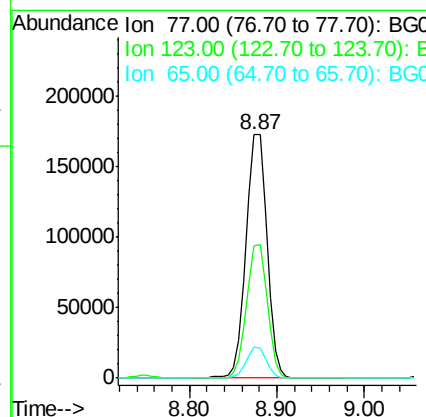
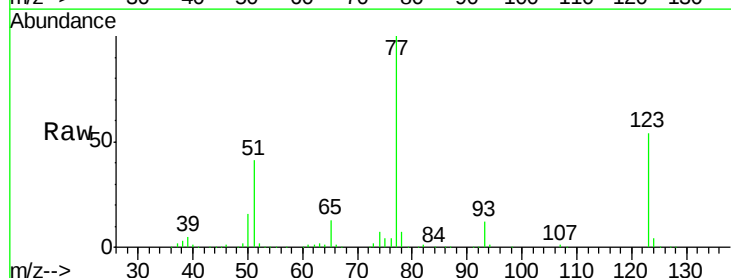
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

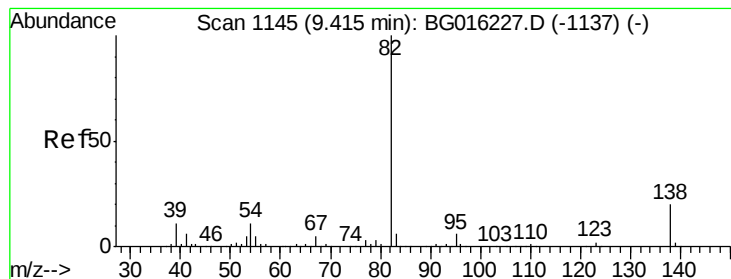
Tgt Ion: 82 Resp: 575989
 Ion Ratio Lower Upper
 82 100
 128 50.6 37.8 56.8
 54 40.6 32.6 49.0



#24
 Nitrobenzene
 Concen: 42.56 ng
 RT: 8.87 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion: 77 Resp: 278552
 Ion Ratio Lower Upper
 77 100
 123 54.1 38.8 58.2
 65 12.8 9.4 14.2





#25

Isophorone

Concen: 39.99 ng

RT: 9.40 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

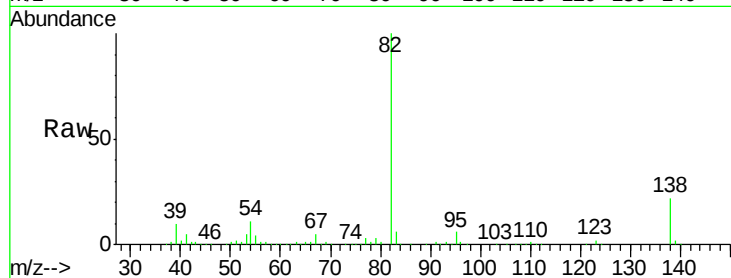
Tgt Ion: 82 Resp: 543556

Ion Ratio Lower Upper

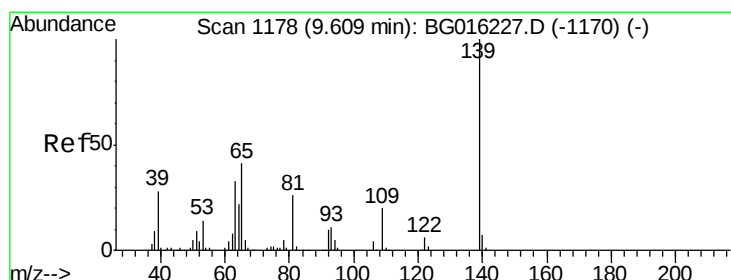
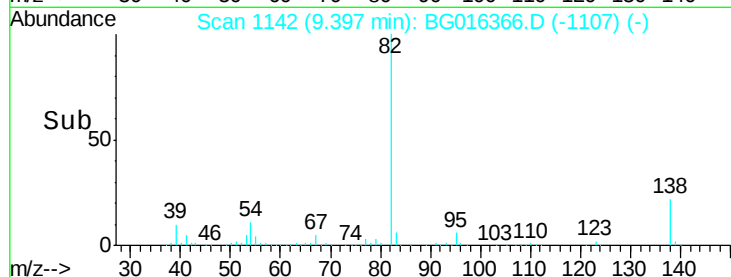
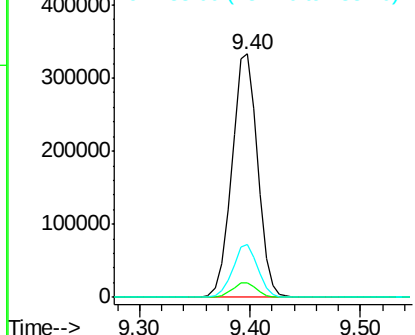
82 100

95 6.0 5.0 7.6

138 21.7 16.2 24.2



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



#26

2-Nitrophenol

Concen: 50.47 ng

RT: 9.59 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

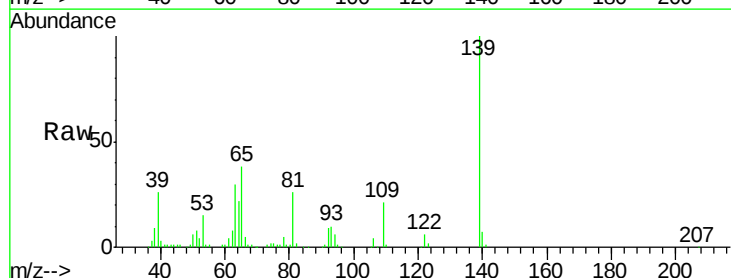
Tgt Ion: 139 Resp: 154028

Ion Ratio Lower Upper

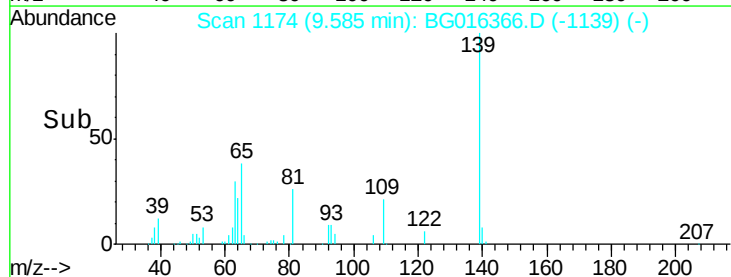
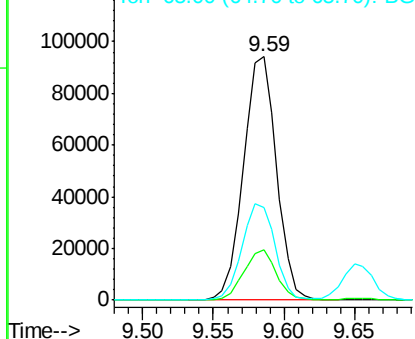
139 100

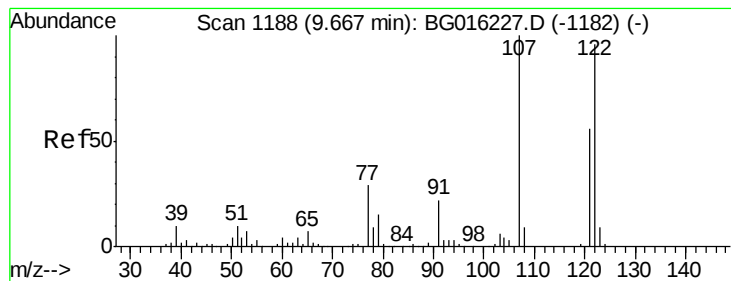
109 20.8 15.9 23.9

65 38.3 32.9 49.3



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 47.12 ng

RT: 9.65 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

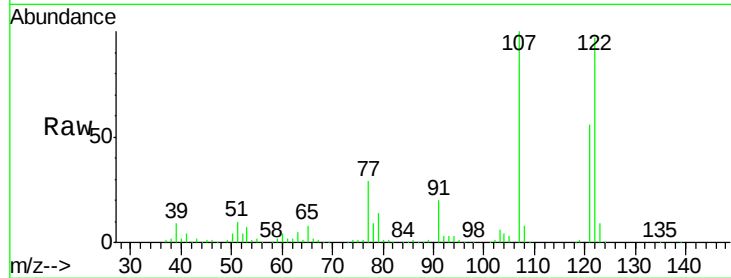
Tgt Ion:122 Resp: 267848

Ion Ratio Lower Upper

122 100

107 102.7 83.4 125.2

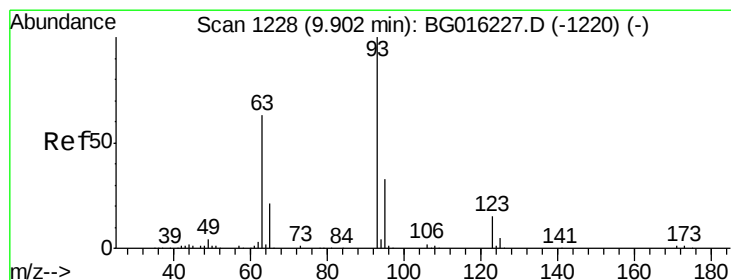
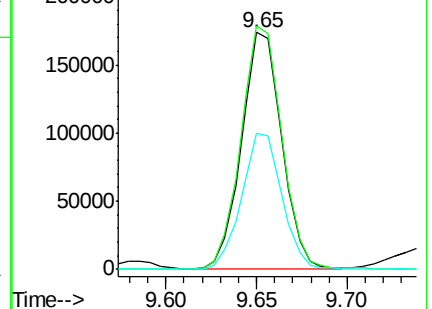
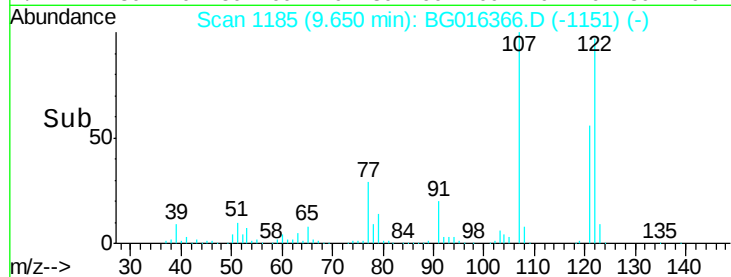
121 57.4 46.2 69.4



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: 42.62 ng

RT: 9.89 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

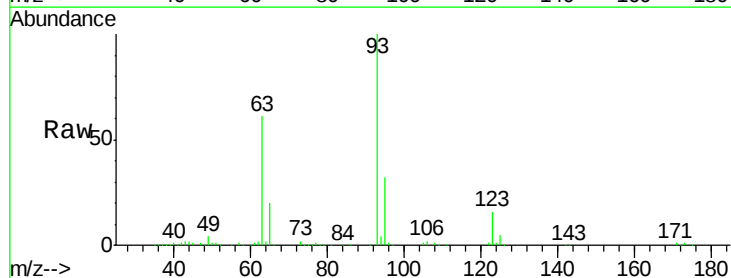
Tgt Ion: 93 Resp: 330605

Ion Ratio Lower Upper

93 100

95 32.3 26.1 39.1

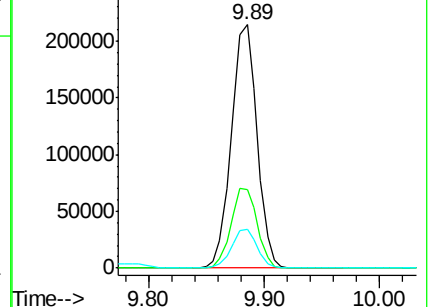
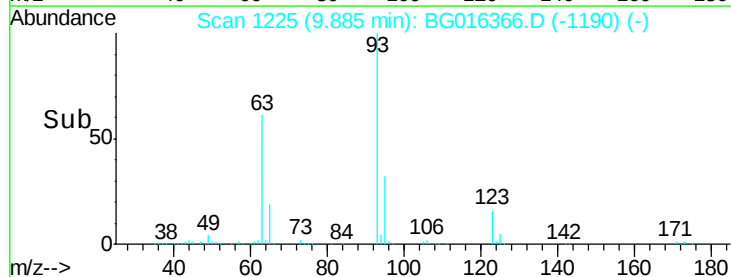
123 15.9 11.8 17.8

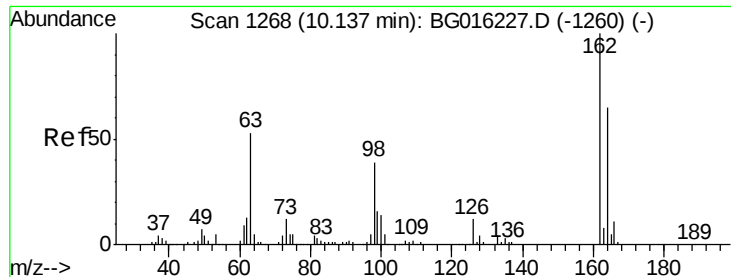


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

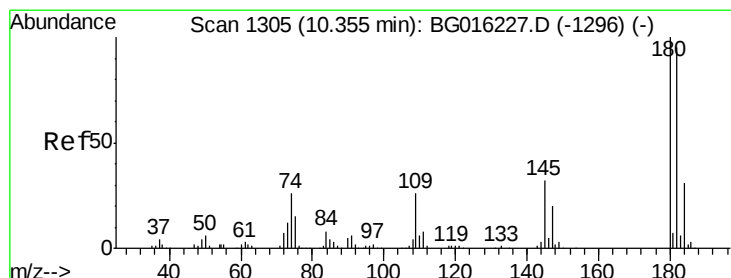
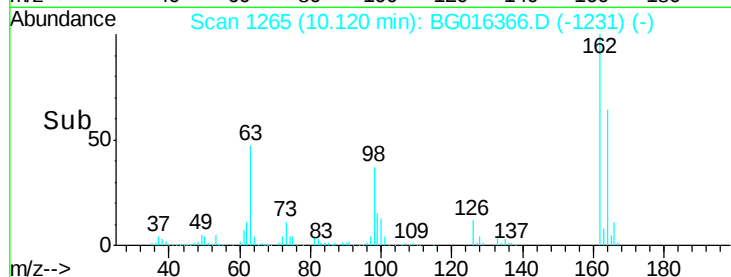
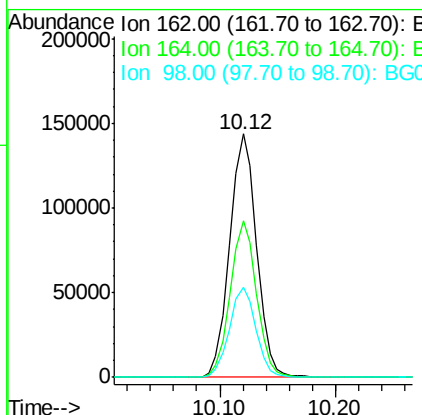
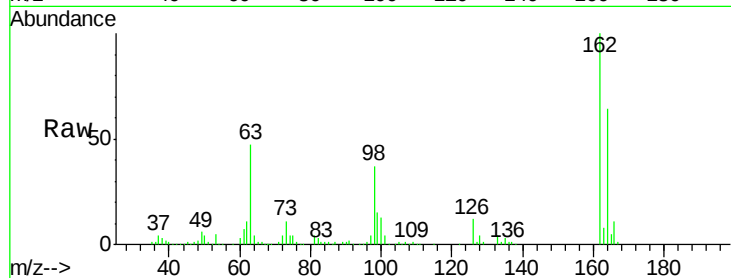




#29
 2,4-Dichlorophenol
 Concen: 51.66 ng
 RT: 10.12 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

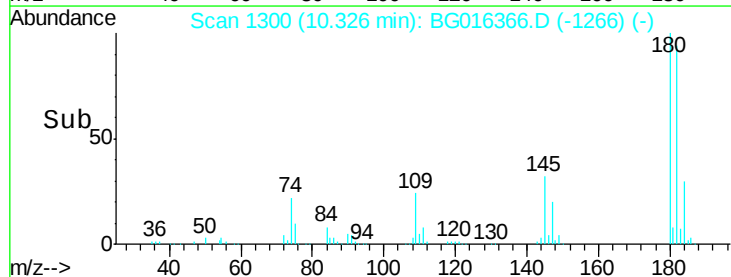
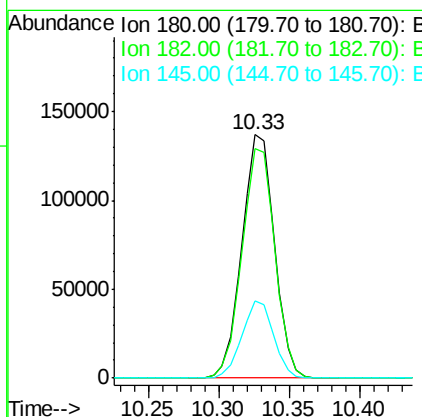
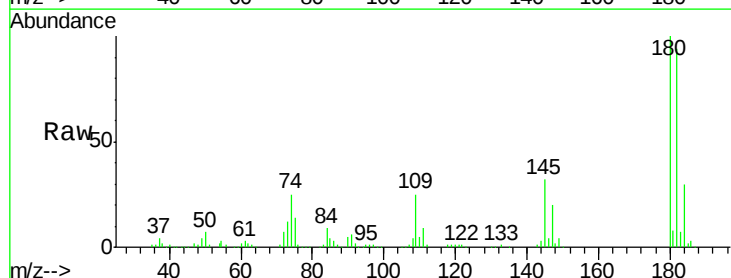
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

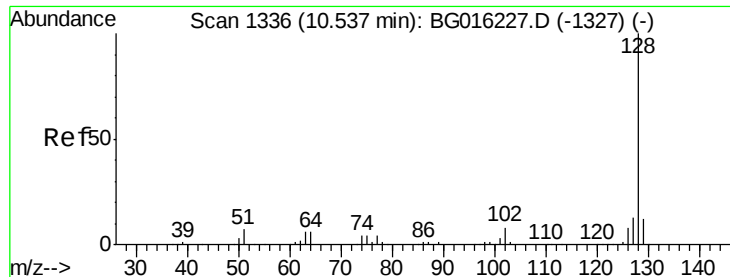
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.0	85.0
98	36.9	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.07 ng
 RT: 10.33 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.3	114.5
145	31.8	25.2	37.8

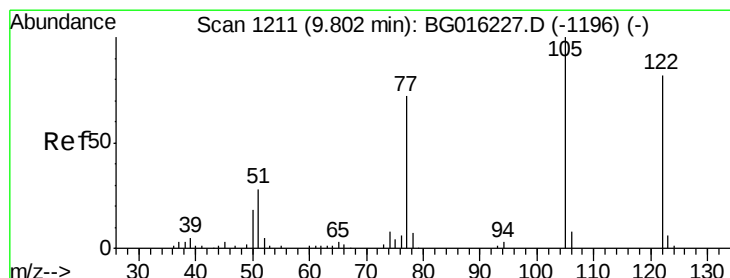
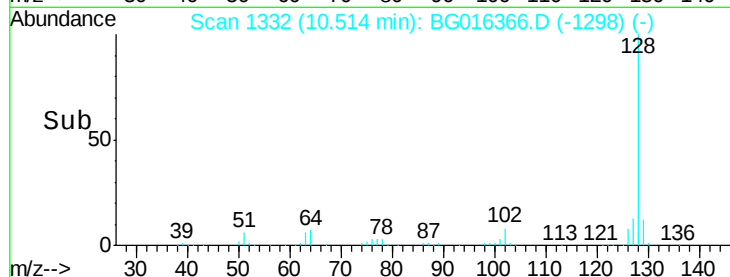
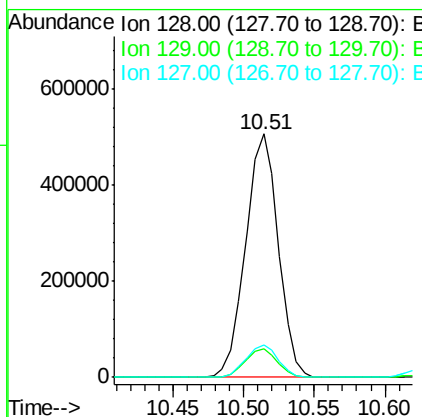
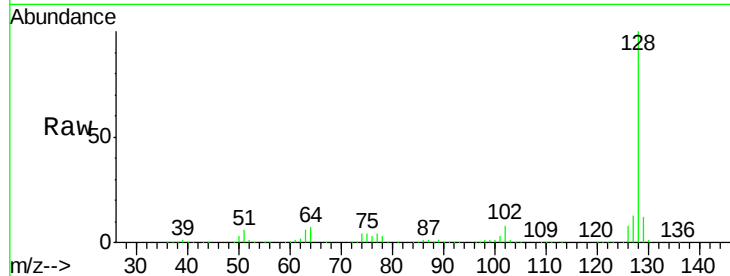




#31
Naphthalene
Concen: 44.42 ng
RT: 10.51 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

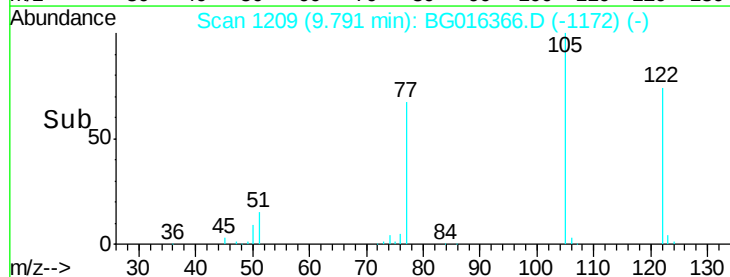
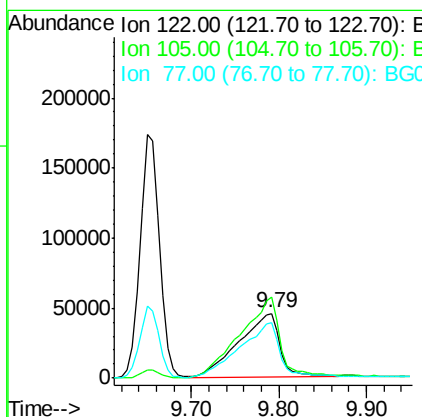
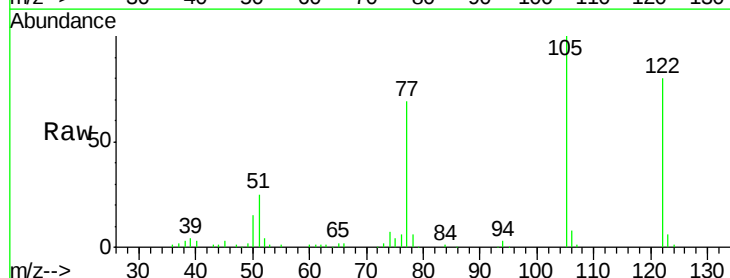
Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

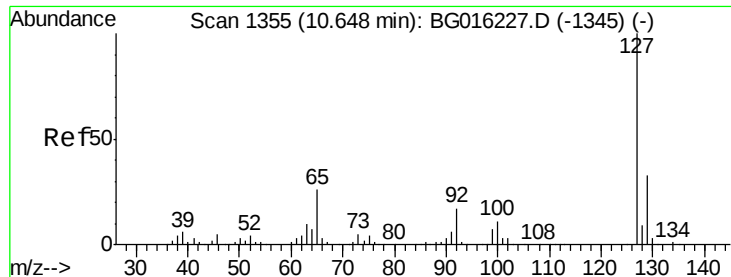
Tgt Ion:128 Resp: 820687
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 40.95 ng
RT: 9.79 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:122 Resp: 146030
Ion Ratio Lower Upper
122 100
105 124.5 99.7 139.7
77 85.4 66.8 106.8

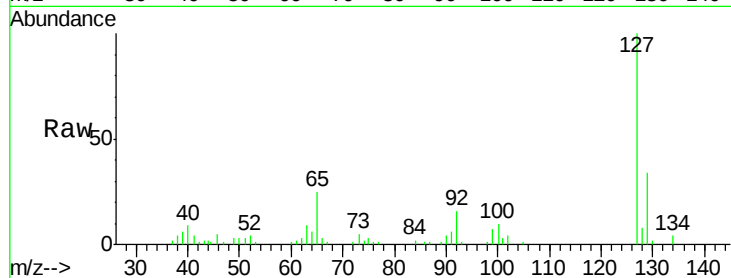




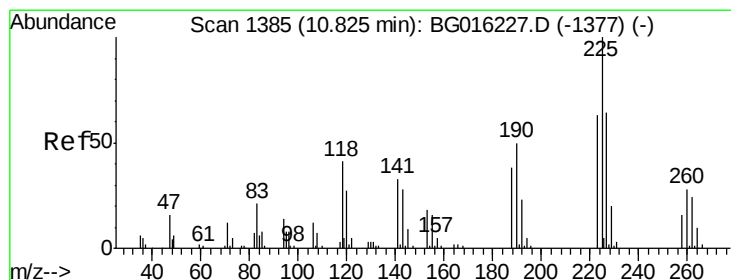
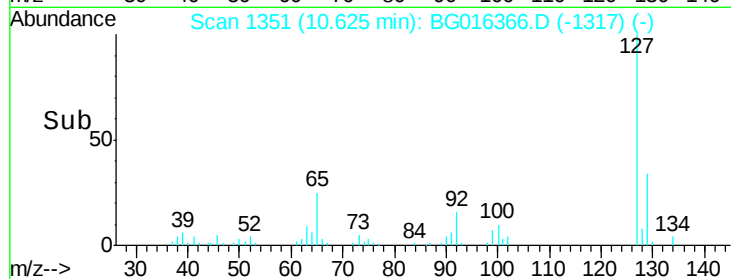
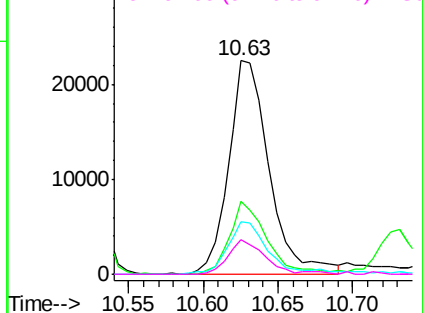
#33
4-Chloroaniline
Concen: 4.92 ng
RT: 10.63 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

Tgt Ion:	127	Resp:	42663
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.1	39.1
65	24.7	21.2	31.8
92	16.0	13.8	20.6

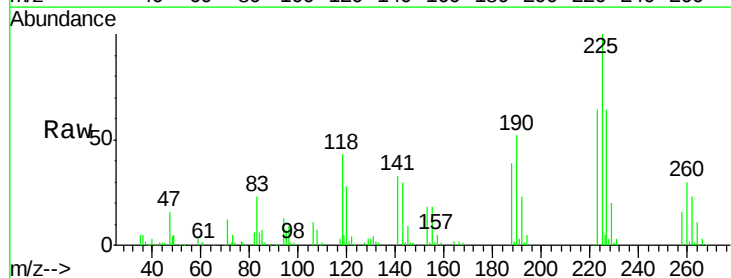


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

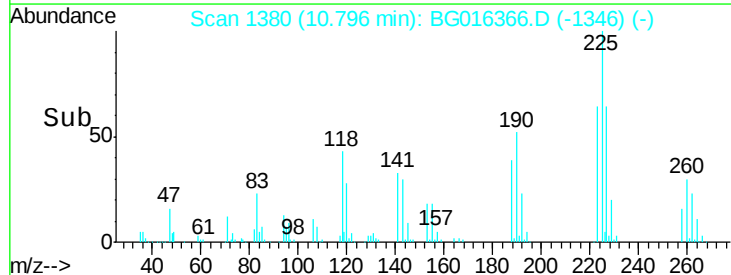
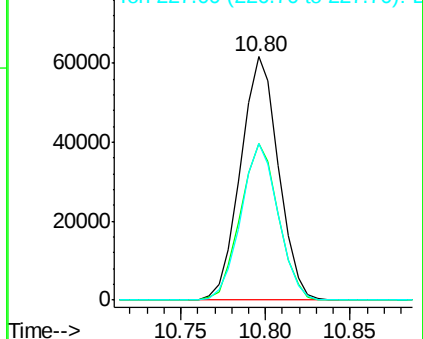


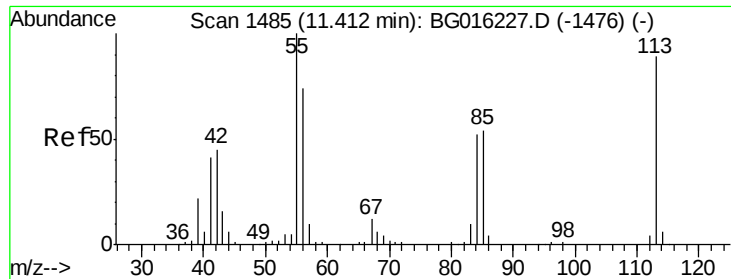
#34
Hexachlorobutadiene
Concen: 46.61 ng
RT: 10.80 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:	225	Resp:	96156
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.4	75.6
227	64.1	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

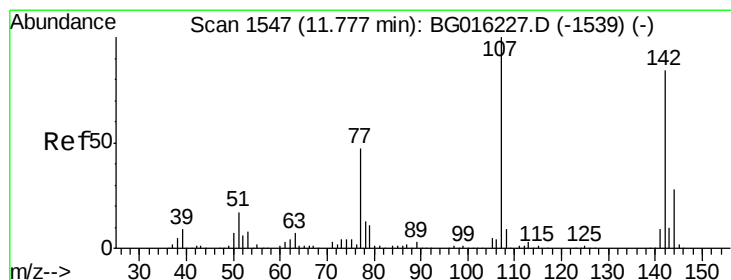
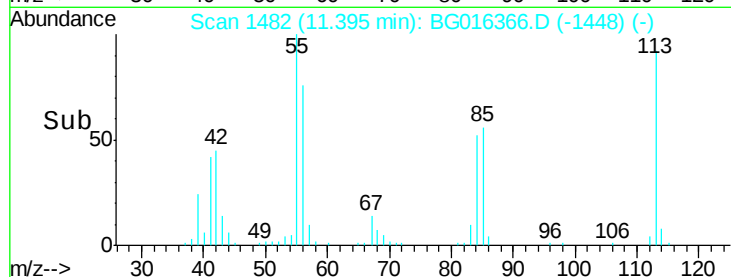
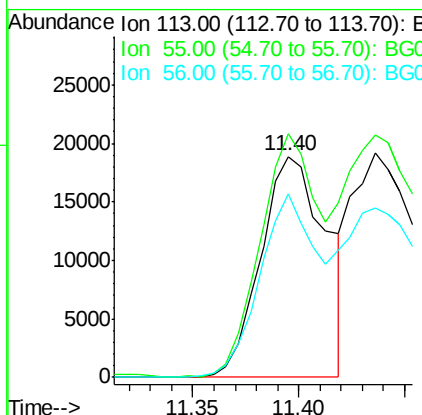
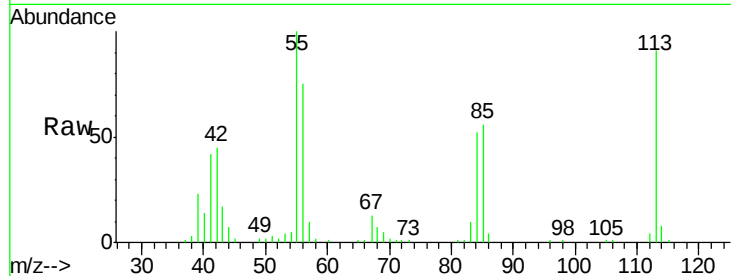




#35
 Caprolactam
 Concen: 14.25 ng
 RT: 11.40 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

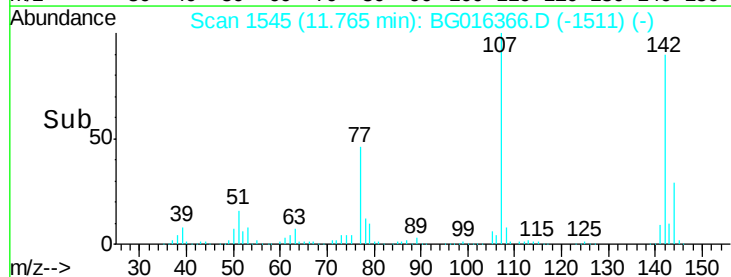
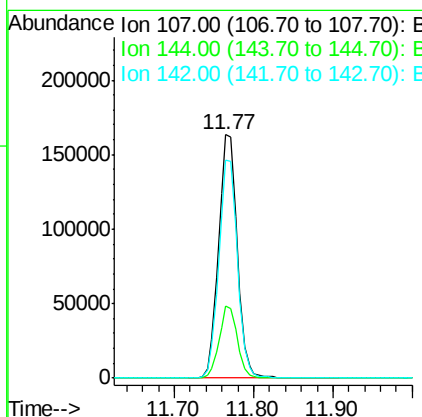
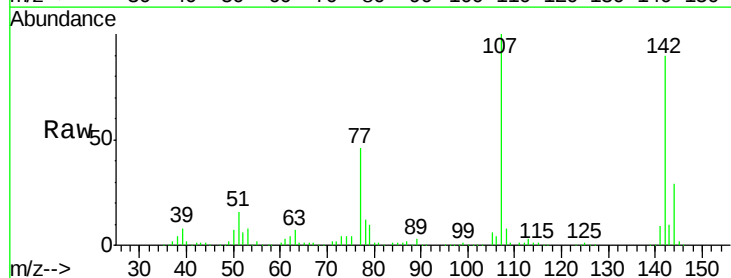
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

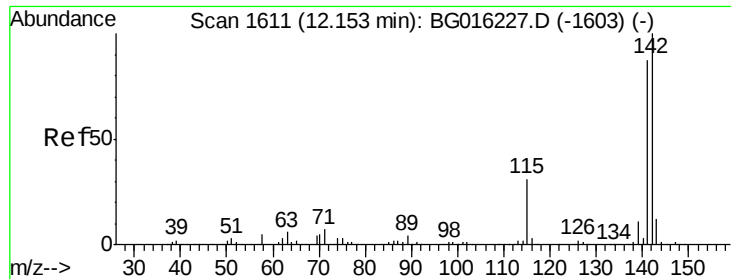
Tgt Ion: 113 Resp: 40354
 Ion Ratio Lower Upper
 113 100
 55 110.3 92.4 132.4
 56 83.1 63.2 103.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.92 ng
 RT: 11.77 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion: 107 Resp: 266919
 Ion Ratio Lower Upper
 107 100
 144 29.4 22.0 33.0
 142 89.5 67.0 100.6

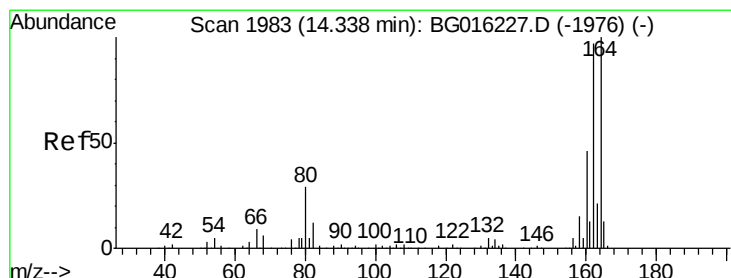
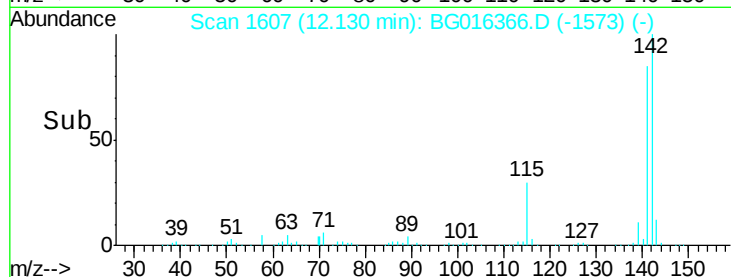
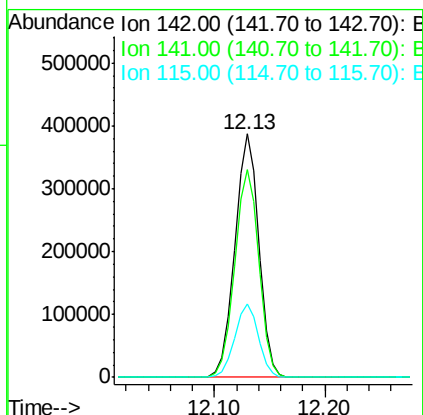
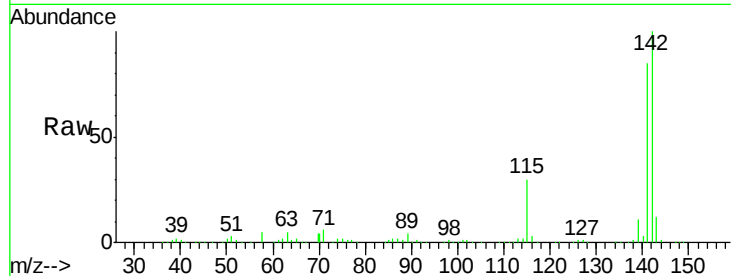




#37
2-Methylnaphthalene
Concen: 44.24 ng
RT: 12.13 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

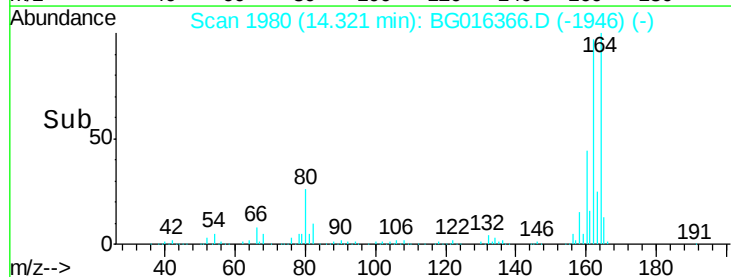
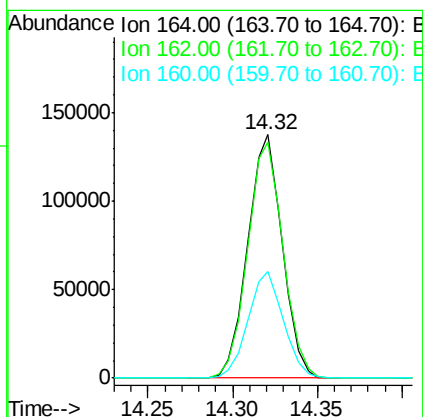
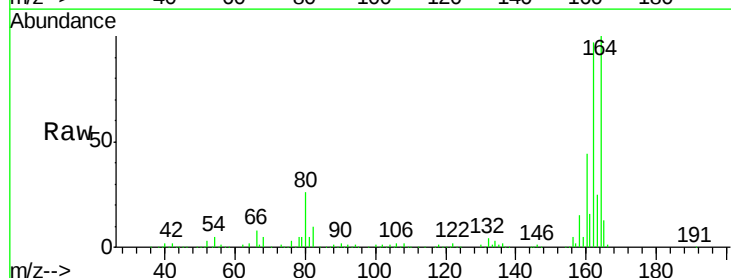
Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

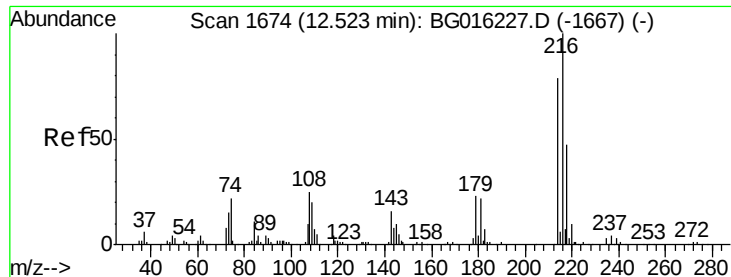
Tgt Ion:142 Resp: 587976
Ion Ratio Lower Upper
142 100
141 85.3 69.3 103.9
115 30.3 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:164 Resp: 195177
Ion Ratio Lower Upper
164 100
162 96.8 77.3 115.9
160 43.6 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.34 ng

RT: 12.51 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

Tgt Ion:216 Resp: 203450

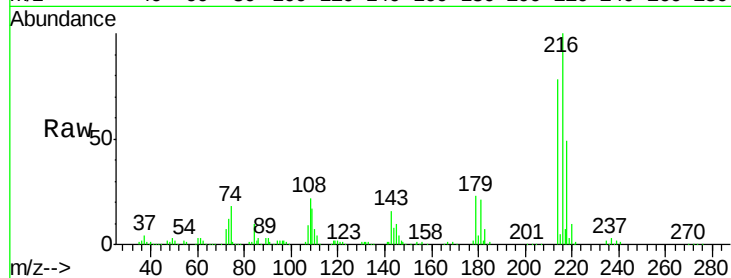
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 22.5 18.2 27.2

108 25.6 21.2 31.8

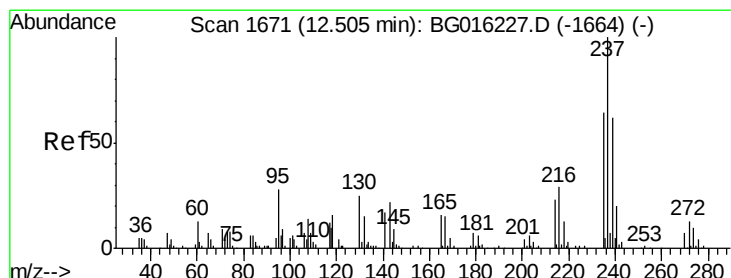
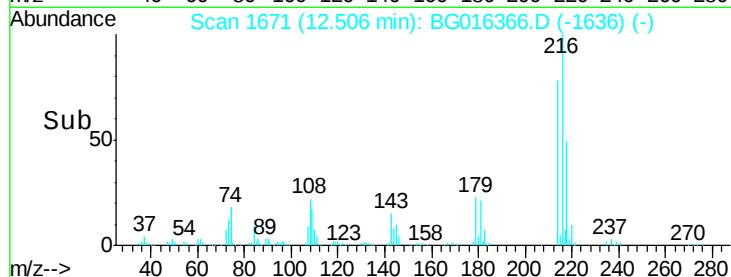
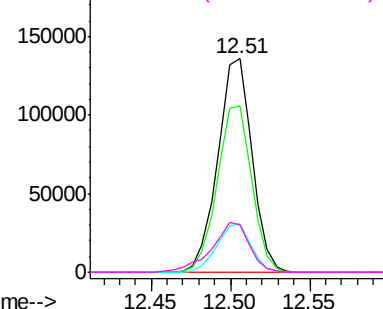


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.35 ng

RT: 12.48 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

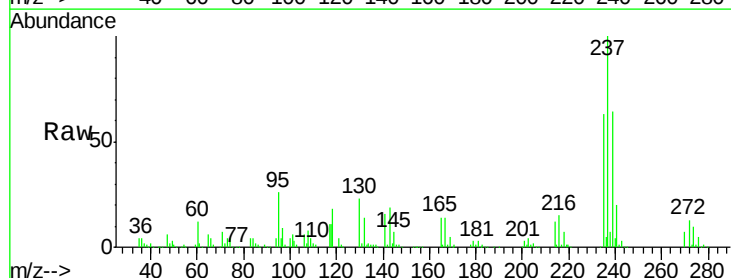
Tgt Ion:237 Resp: 165911

Ion Ratio Lower Upper

237 100

235 62.5 43.9 83.9

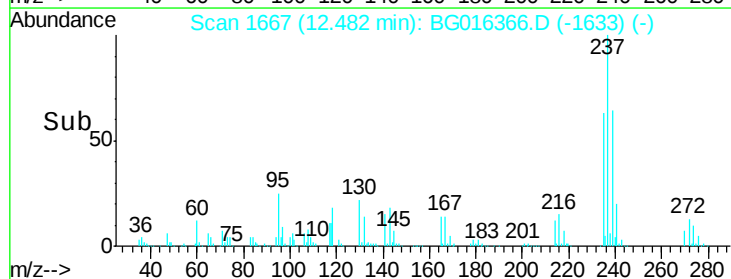
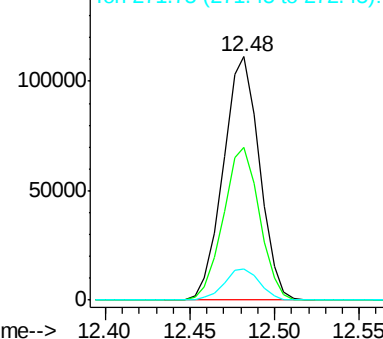
272 12.9 0.0 33.1

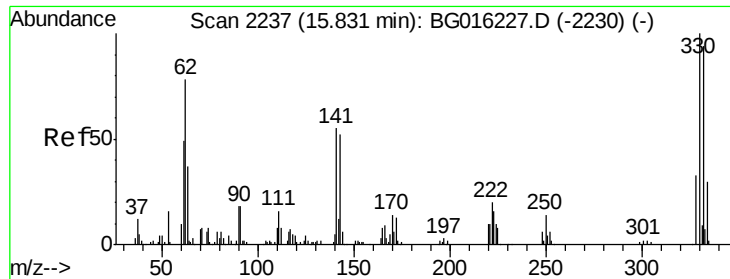


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

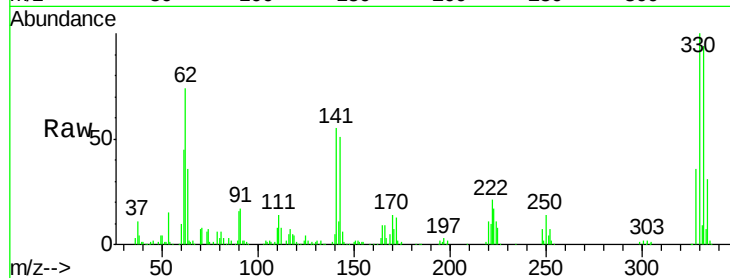




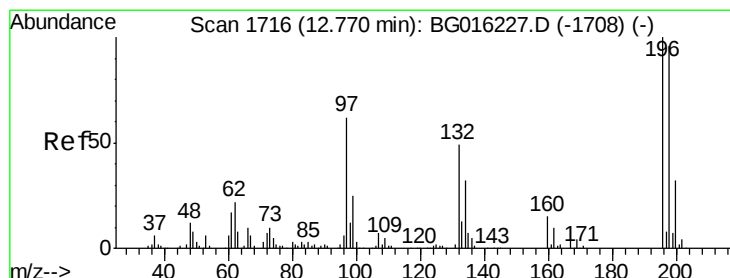
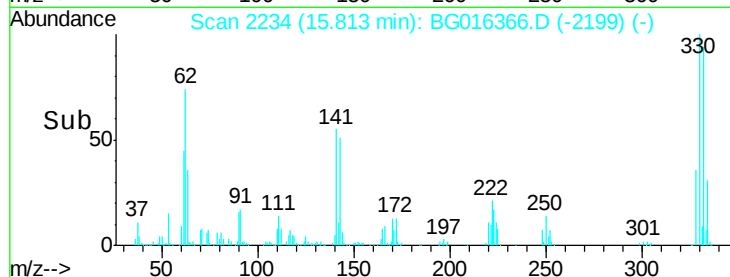
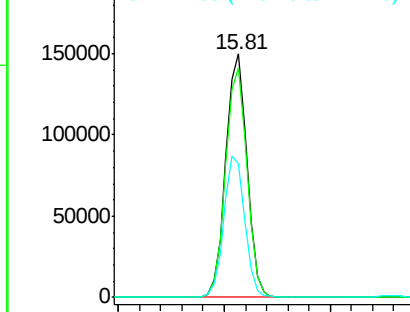
#41
 2,4,6-Tribromophenol
 Concen: 157.67 ng
 RT: 15.81 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

Tgt Ion:330 Resp: 208122
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.8 113.6
 141 57.6 46.6 69.8

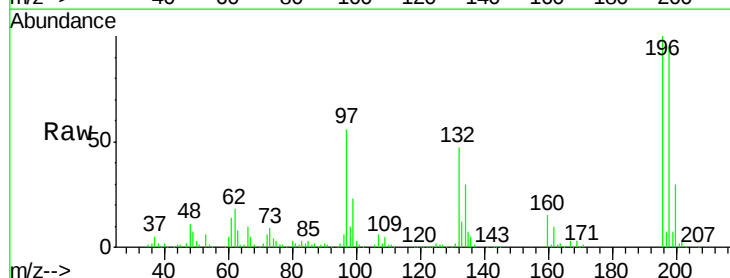


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

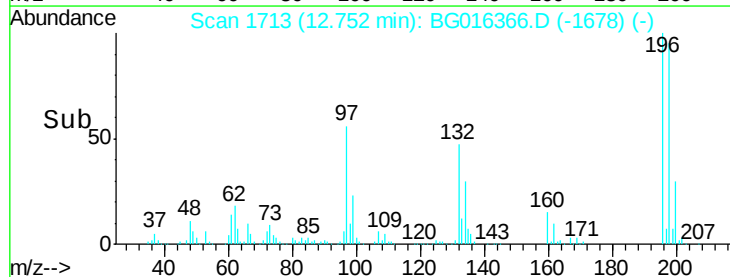
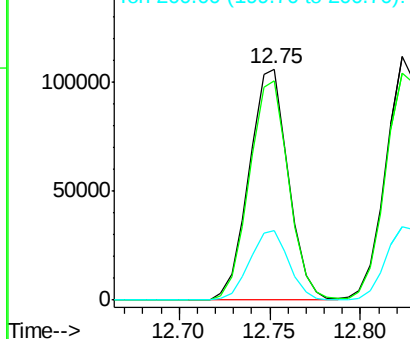


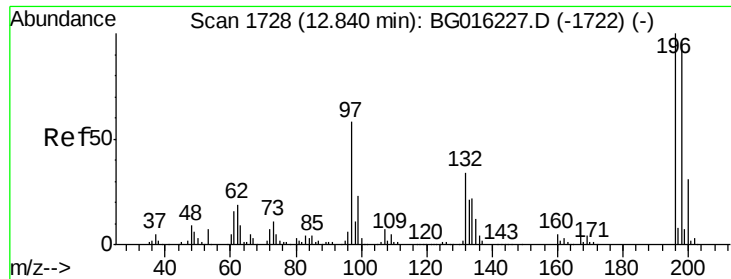
#42
 2,4,6-Trichlorophenol
 Concen: 50.15 ng
 RT: 12.75 min Scan# 1713
 Delta R.T. 0.01 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:196 Resp: 160146
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.2 115.8
 200 30.2 25.3 37.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

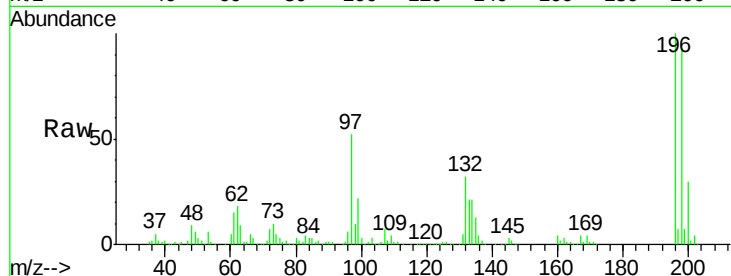




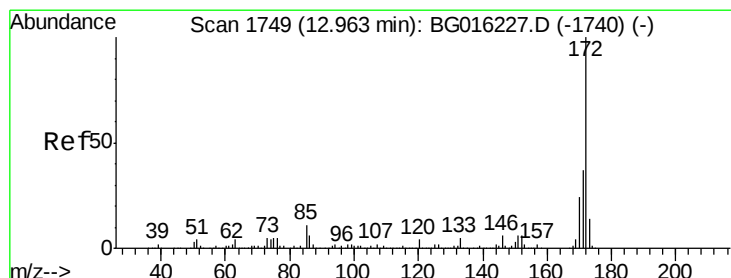
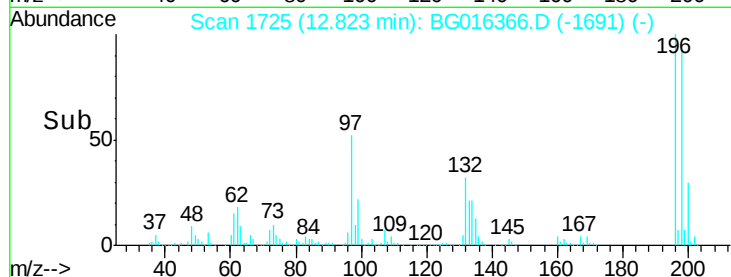
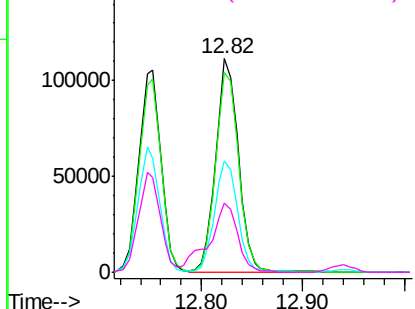
#43
 2,4,5-Trichlorophenol
 Concen: 51.04 ng
 RT: 12.82 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

Tgt Ion	Resp	Lower	Upper
196	174127		
198	93.4	77.1	115.7
97	52.1	46.6	69.8
132	32.5	27.0	40.6

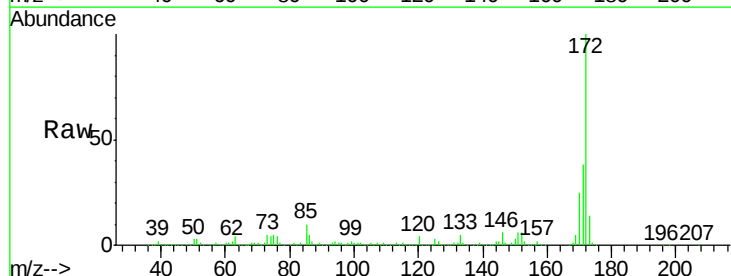


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

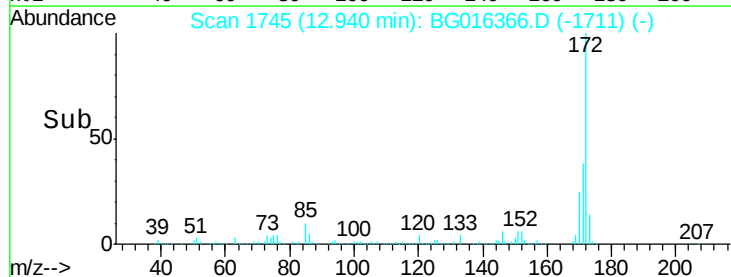
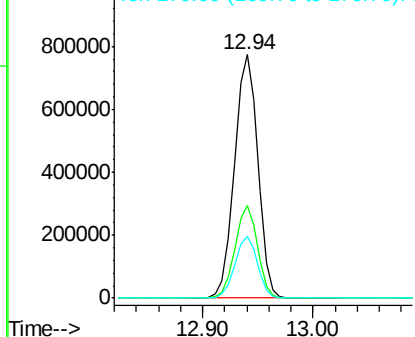


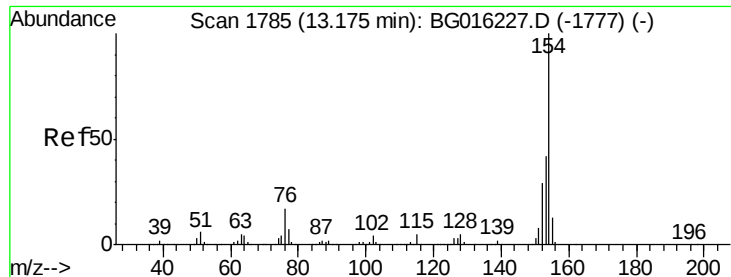
#44
 2-Fluorobiphenyl
 Concen: 100.07 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion	Resp	Lower	Upper
172	1147192		
171	37.9	29.6	44.4
170	25.2	19.4	29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

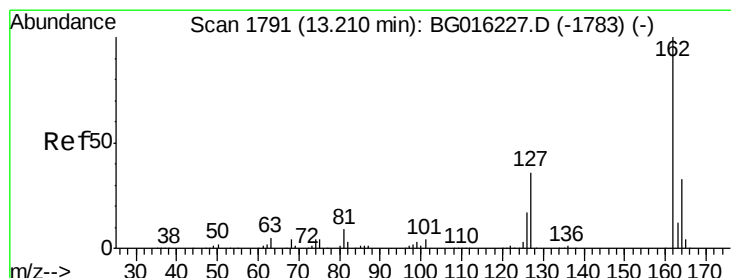
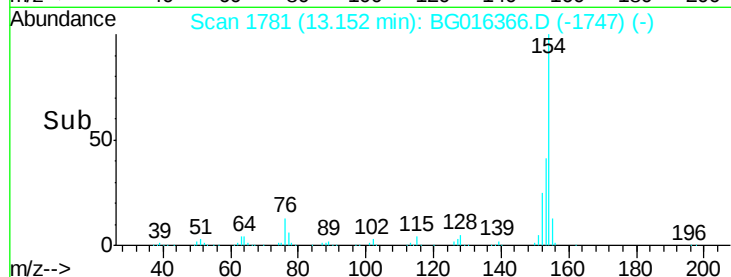
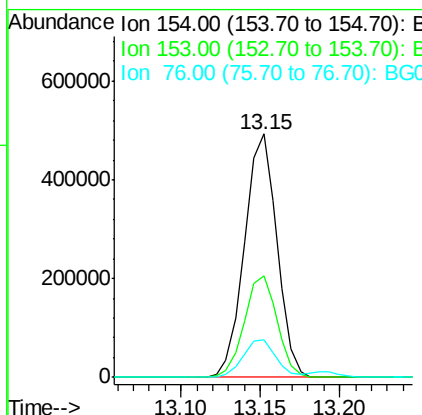
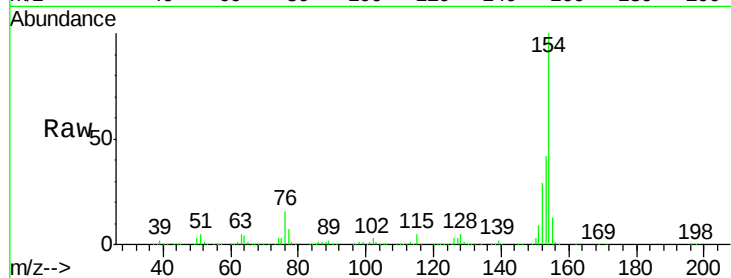




#45
 1,1'-Biphenyl
 Concen: 46.71 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

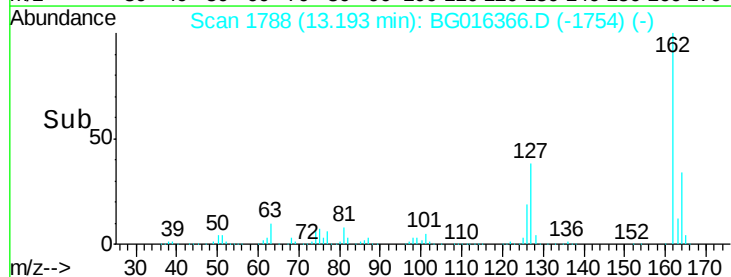
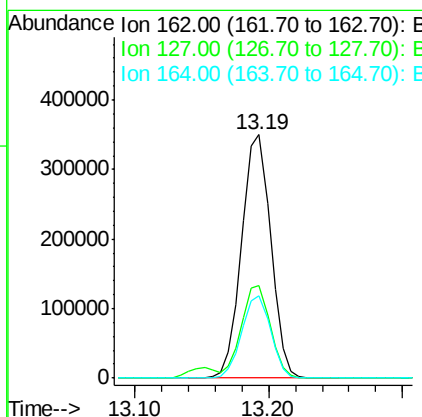
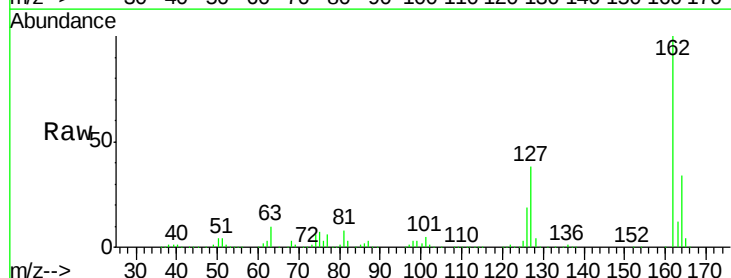
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

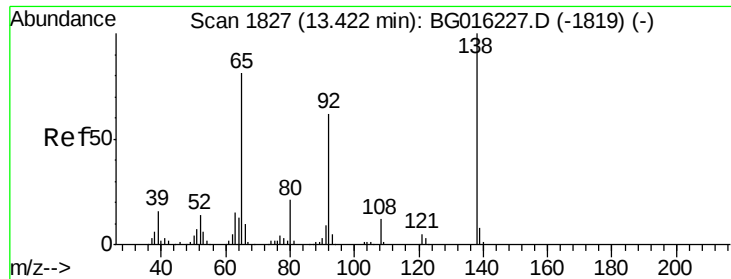
Tgt Ion:154 Resp: 699411
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.4 62.4
 76 15.5 0.0 37.1



#46
 2-Chloronaphthalene
 Concen: 46.30 ng
 RT: 13.19 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:162 Resp: 528089
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.8 46.2
 164 33.6 26.6 40.0

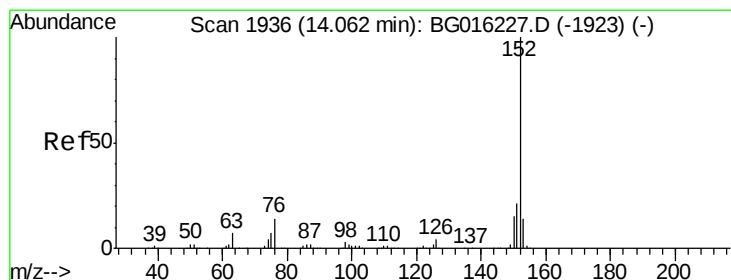
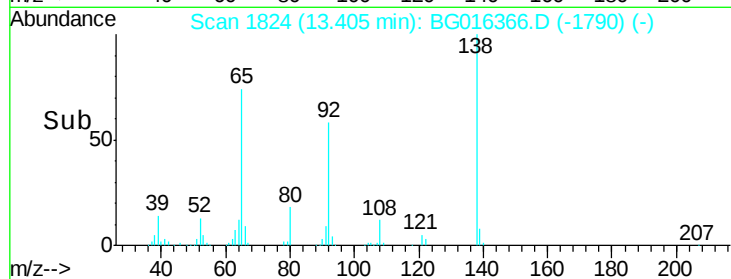
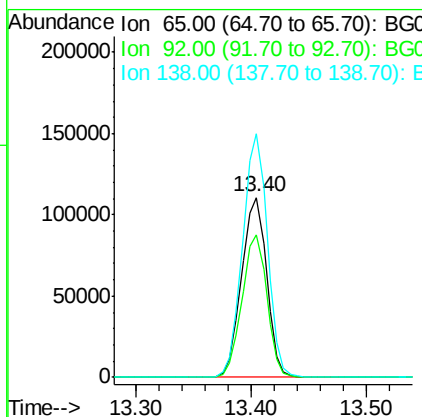
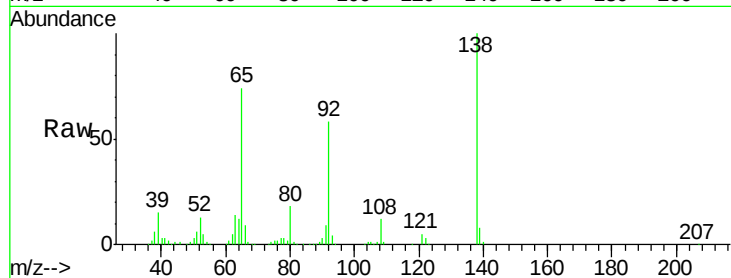




#47
 2-Nitroaniline
 Concen: 45.56 ng
 RT: 13.40 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

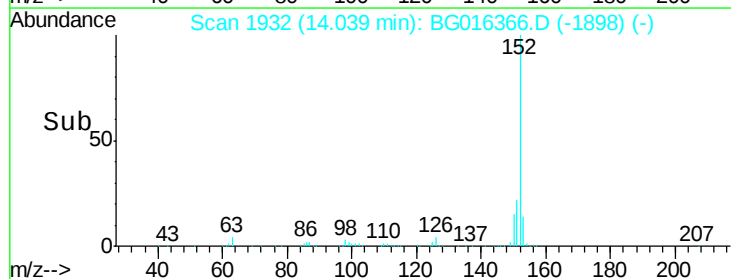
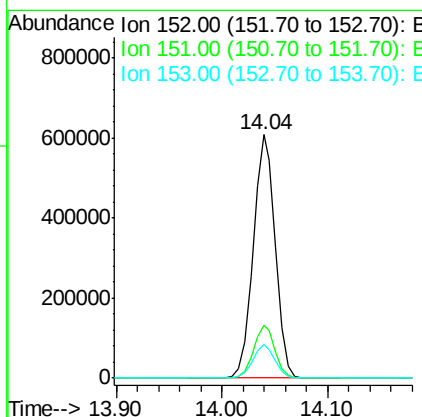
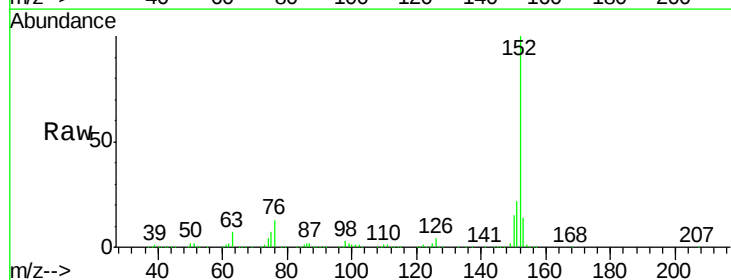
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

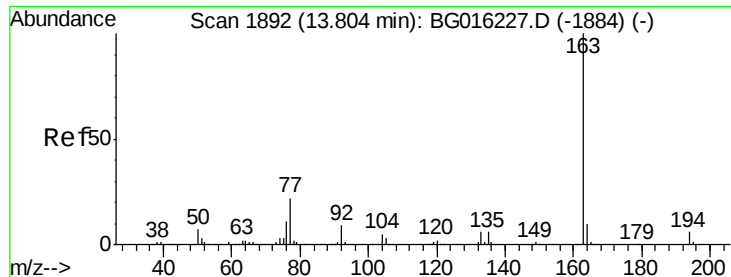
Tgt Ion: 65 Resp: 167480
 Ion Ratio Lower Upper
 65 100
 92 78.9 61.0 91.6
 138 135.1 98.7 148.1



#48
 Acenaphthylene
 Concen: 43.58 ng
 RT: 14.04 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion: 152 Resp: 883770
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.5 24.7
 153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 44.74 ng

RT: 13.78 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

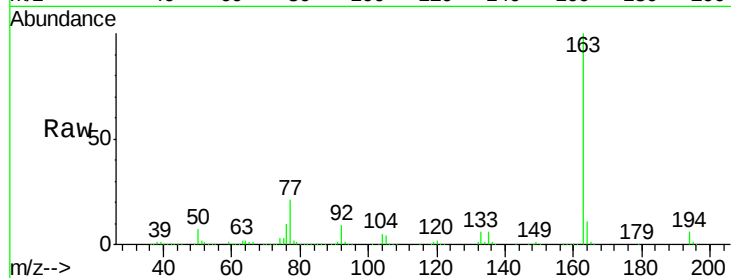
Tgt Ion:163 Resp: 639988

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

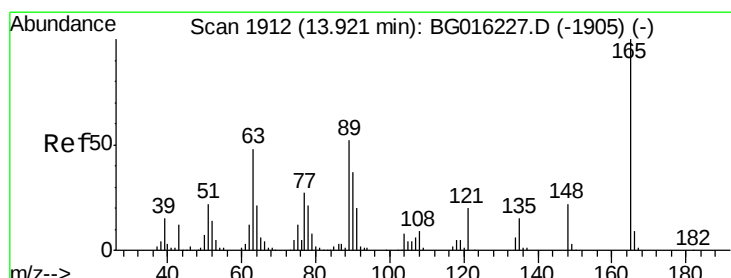
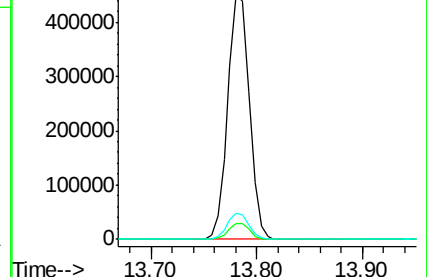
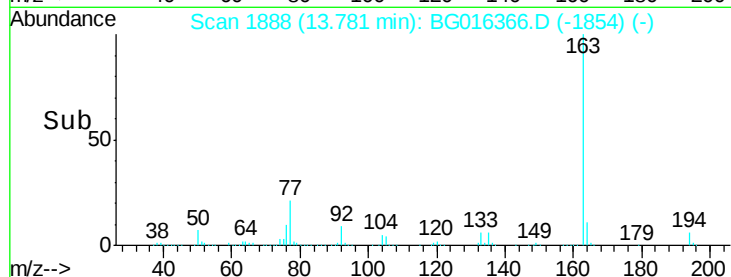
164 10.7 8.2 12.4



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: 47.40 ng

RT: 13.90 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

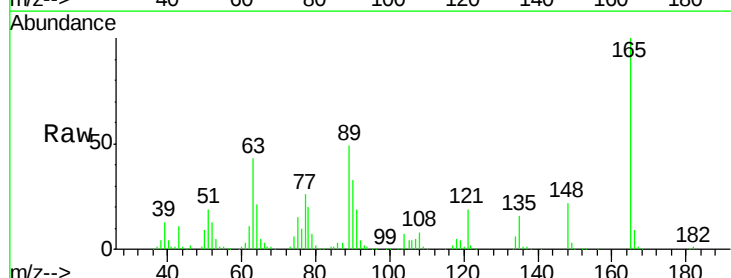
Tgt Ion:165 Resp: 163976

Ion Ratio Lower Upper

165 100

63 42.9 39.3 58.9

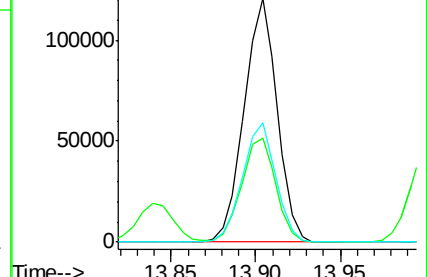
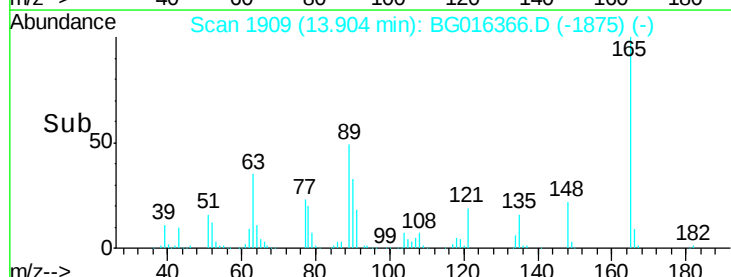
89 49.3 41.3 61.9

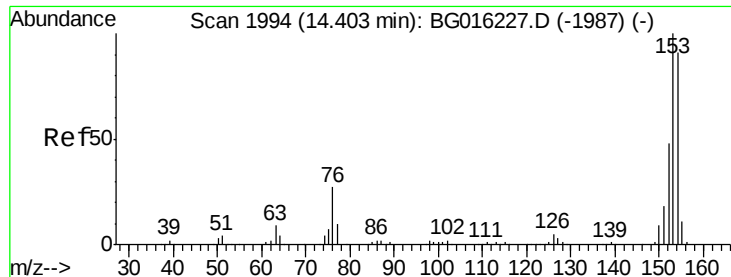


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.16 ng

RT: 14.39 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

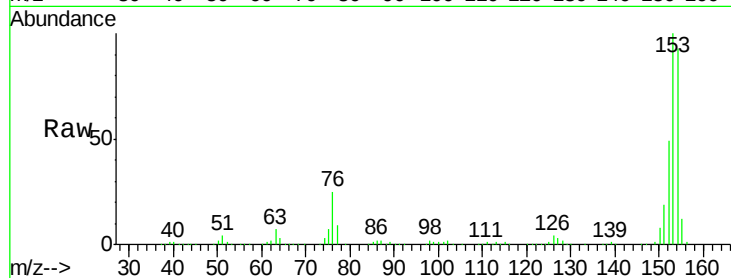
Tgt Ion:154 Resp: 547354

Ion Ratio Lower Upper

154 100

153 108.1 87.5 131.3

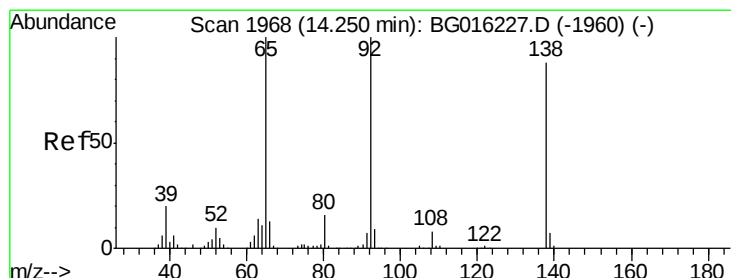
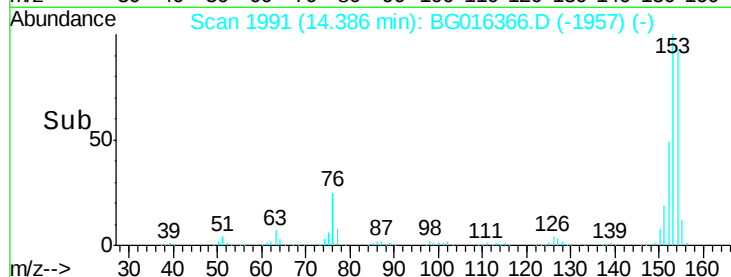
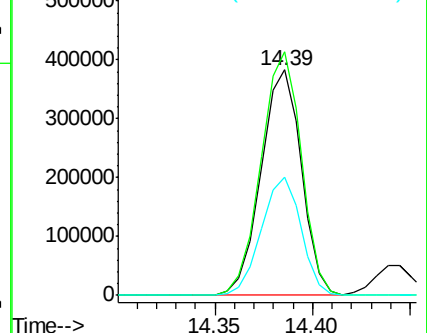
152 52.6 42.1 63.1



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: 19.17 ng

RT: 14.23 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

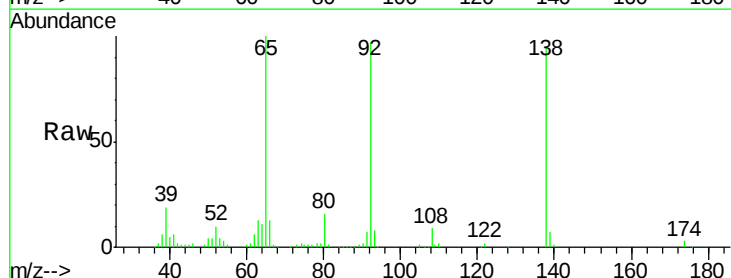
Tgt Ion:138 Resp: 84690

Ion Ratio Lower Upper

138 100

108 9.0 7.4 11.0

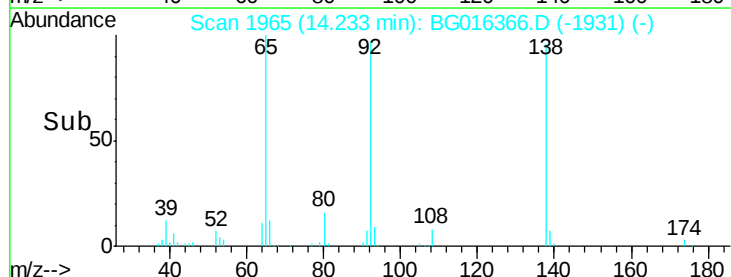
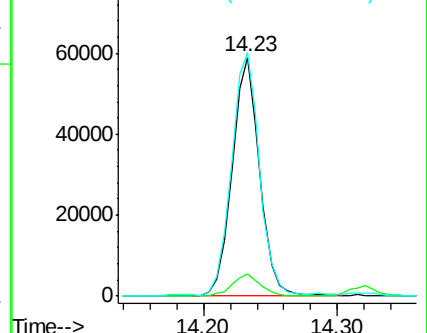
92 101.8 91.4 137.0

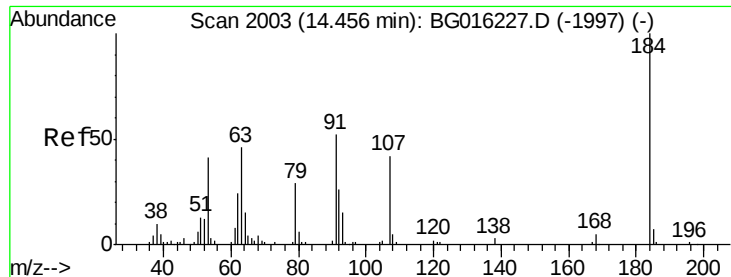


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

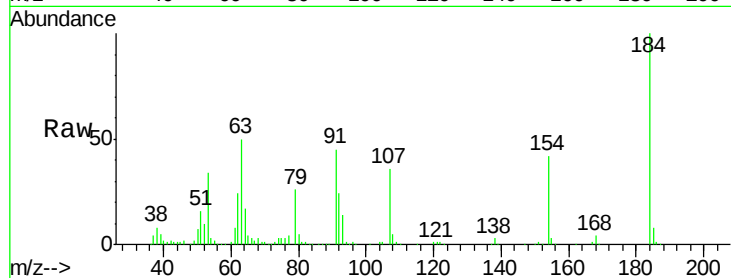




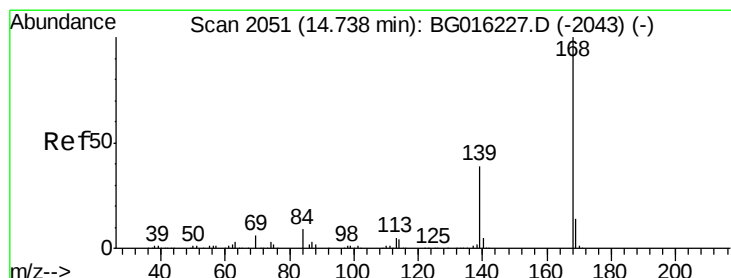
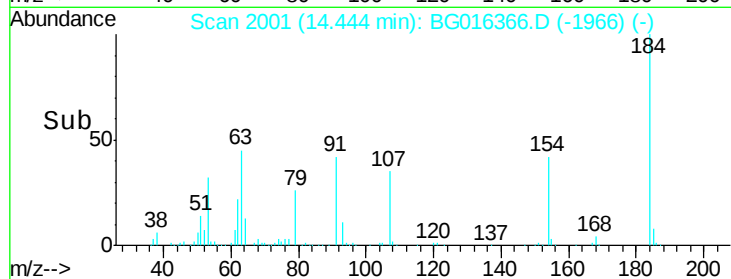
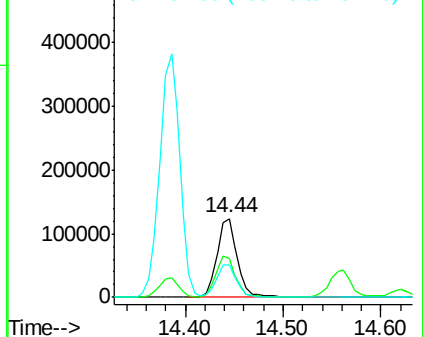
#53
2,4-Dinitrophenol
Concen: 88.45 ng
RT: 14.44 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

Tgt Ion:184 Resp: 179033
Ion Ratio Lower Upper
184 100
63 50.1 45.8 68.6
154 41.9 34.5 51.7

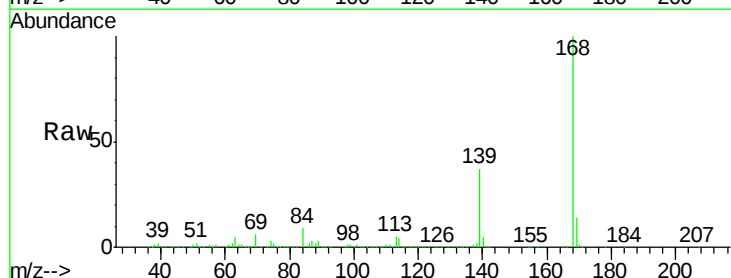


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

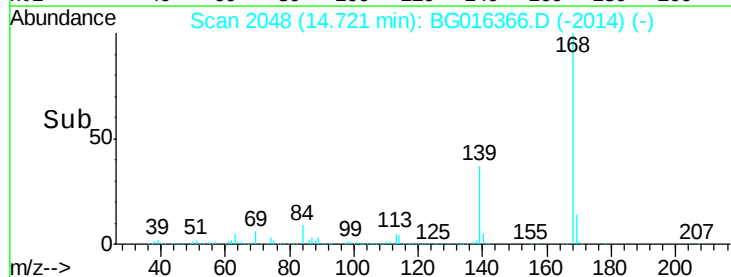
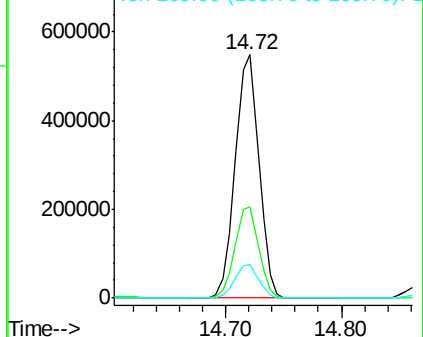


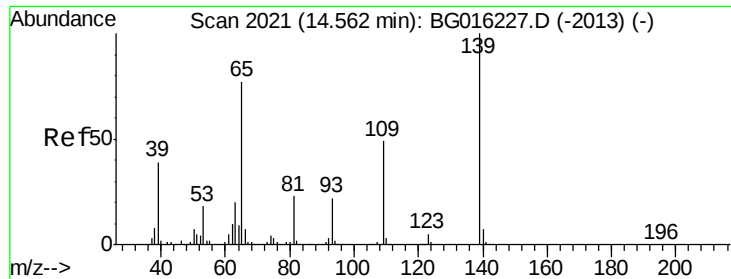
#54
Dibenzofuran
Concen: 46.50 ng
RT: 14.72 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:168 Resp: 782003
Ion Ratio Lower Upper
168 100
139 37.4 31.0 46.6
169 13.8 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

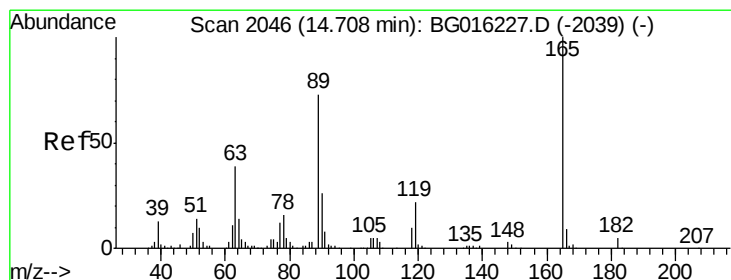
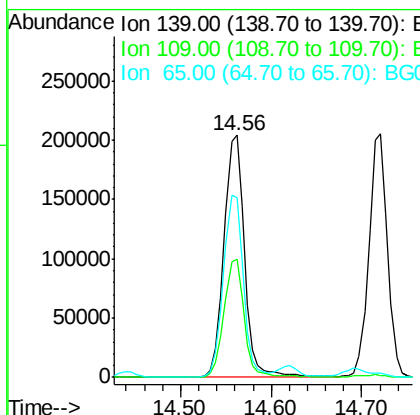
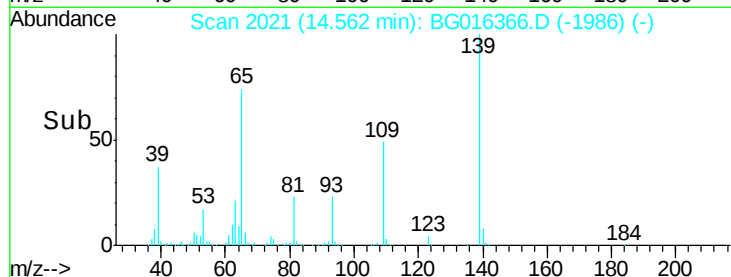
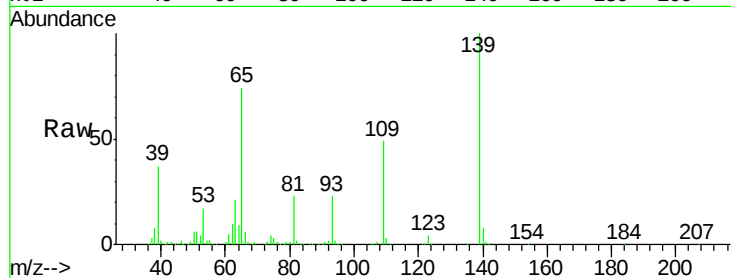




#55
4-Nitrophenol
Concen: 88.13 ng
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

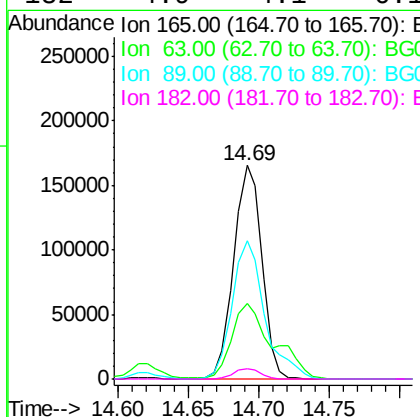
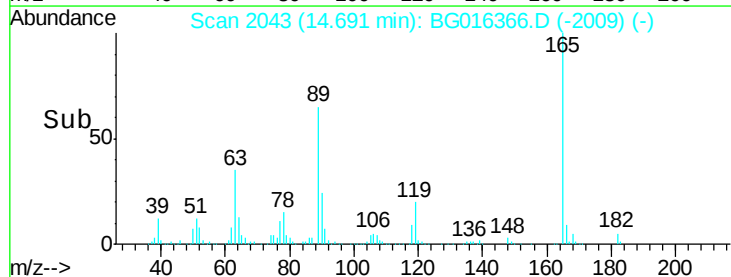
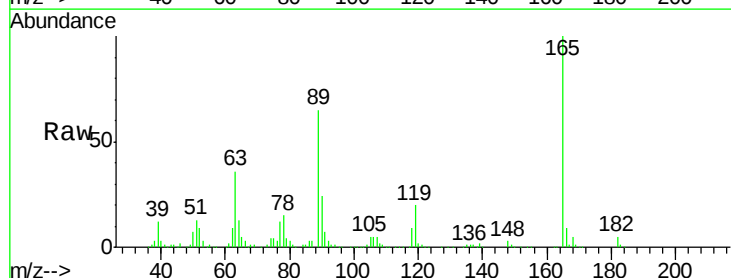
Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

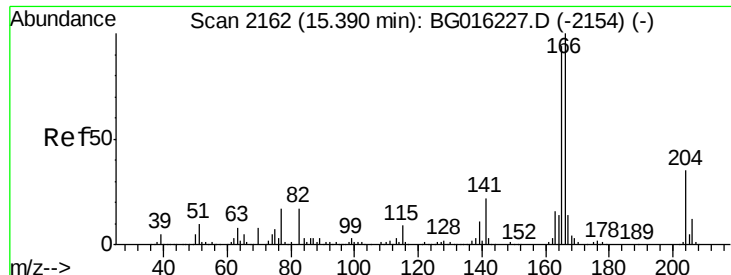
Tgt Ion	Ratio	Lower	Upper
139	100		
109	49.0	28.5	68.5
65	74.2	56.9	96.9



#56
2,4-Dinitrotoluene
Concen: 48.72 ng
RT: 14.69 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.6	31.4	47.2
89	64.8	58.8	88.2
182	4.9	4.1	6.1





#57

Fluorene

Concen: 45.61 ng

RT: 15.37 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

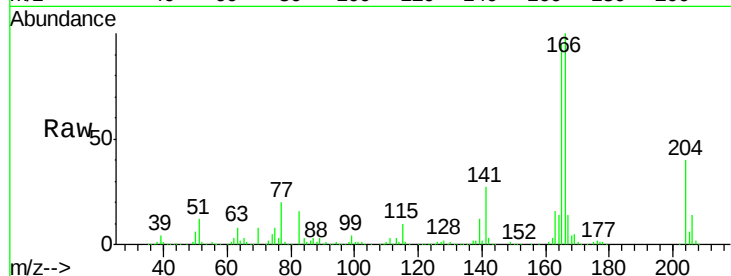
Tgt Ion:166 Resp: 676669

Ion Ratio Lower Upper

166 100

165 94.8 75.2 112.8

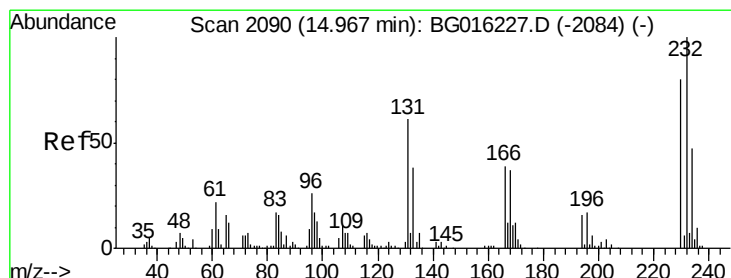
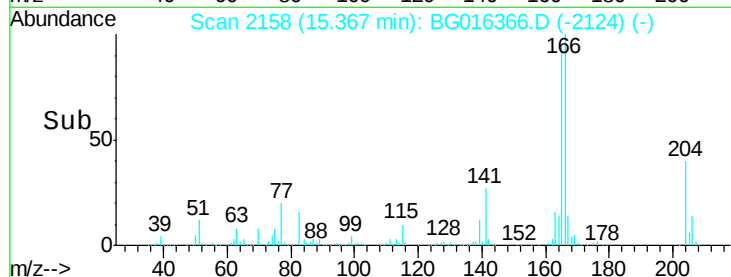
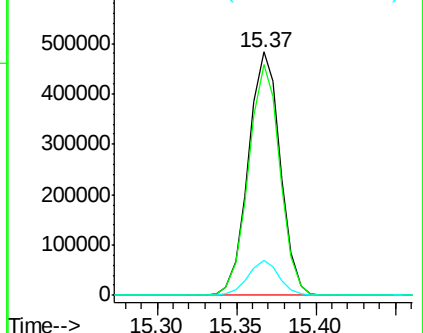
167 14.4 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.51 ng

RT: 14.95 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Tgt Ion:232 Resp: 133000

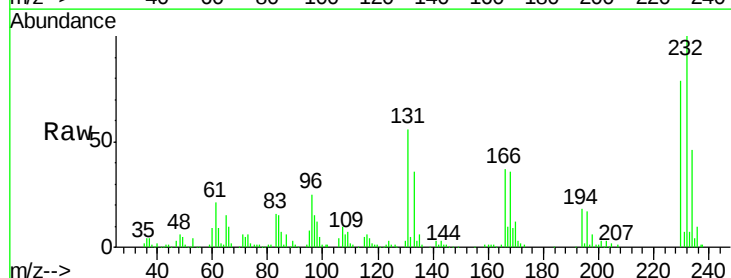
Ion Ratio Lower Upper

232 100

131 56.3 49.8 74.6

130 3.3 2.6 3.8

166 37.4 30.6 45.8

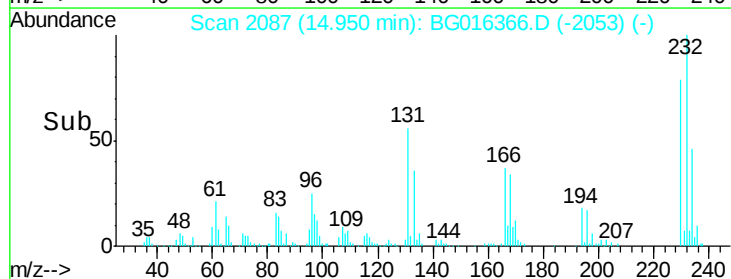
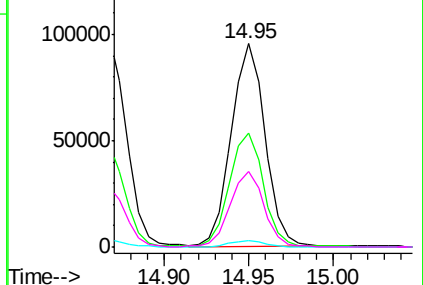


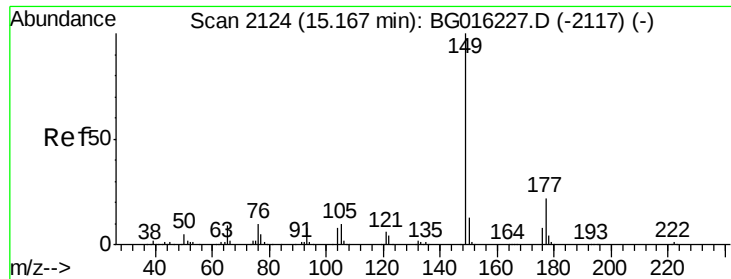
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

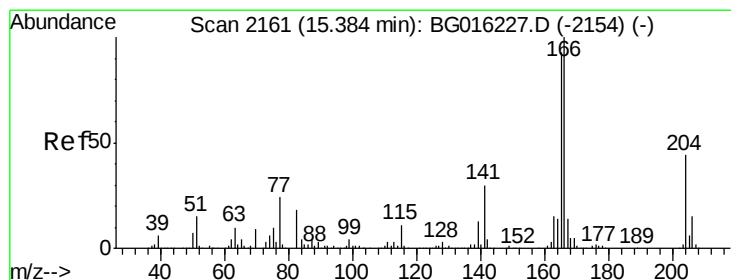
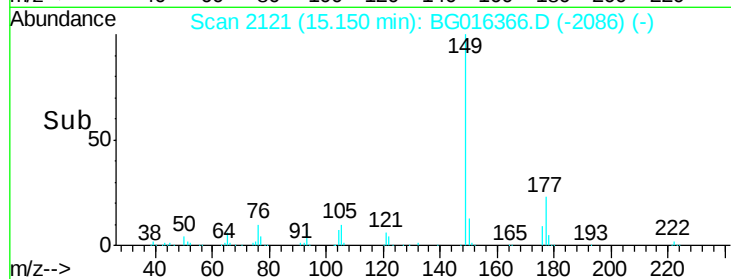
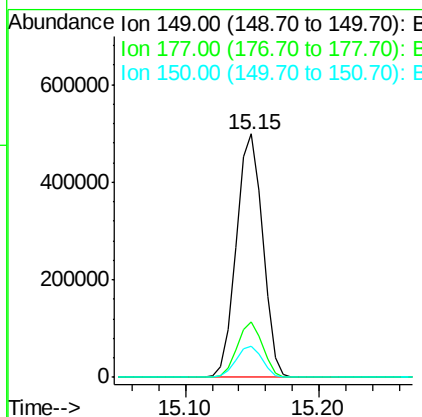
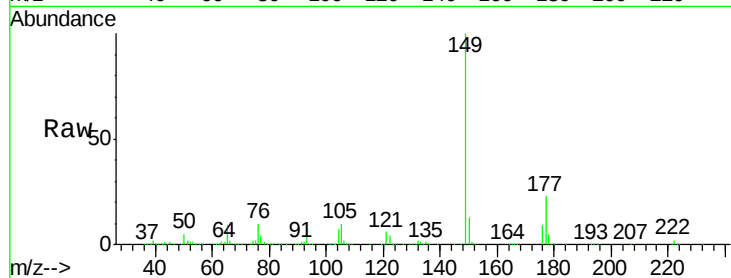




#59
Diethylphthalate
Concen: 44.90 ng
RT: 15.15 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

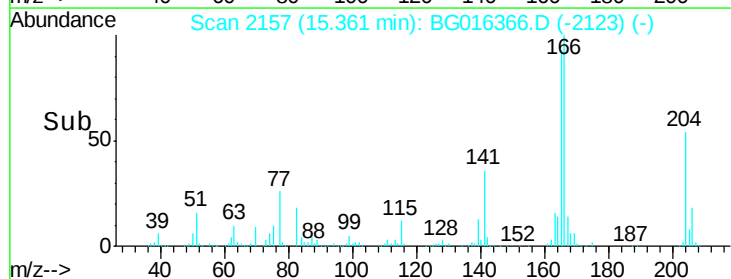
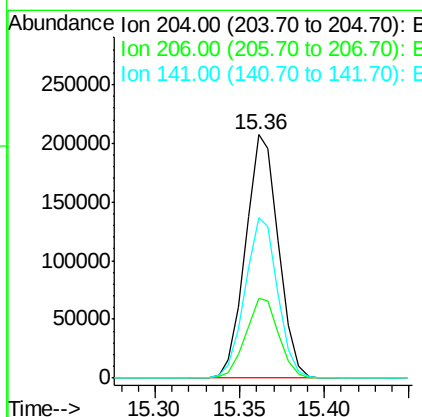
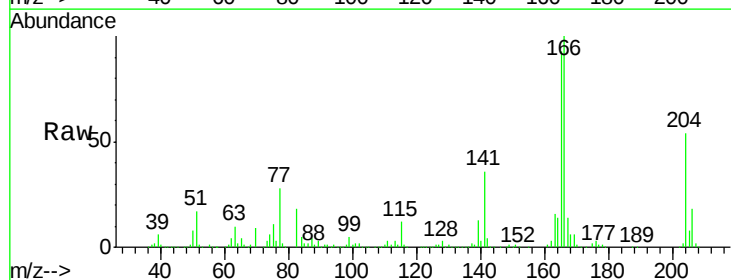
Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

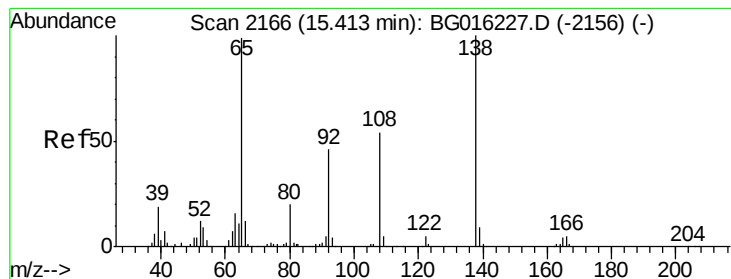
Tgt Ion:149 Resp: 683600
Ion Ratio Lower Upper
149 100
177 23.0 17.7 26.5
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 46.10 ng
RT: 15.36 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:204 Resp: 279796
Ion Ratio Lower Upper
204 100
206 32.9 27.6 41.4
141 66.1 55.4 83.2





#61

4-Nitroaniline

Concen: 42.02 ng

RT: 15.40 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

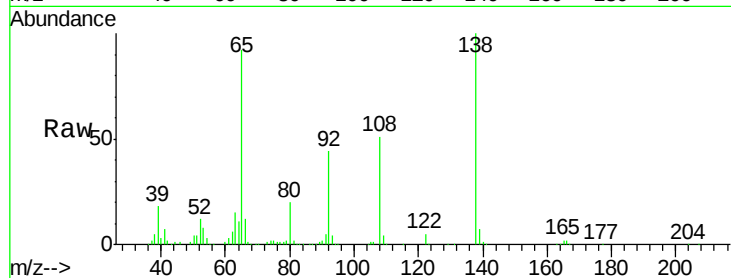
Tgt Ion: 138 Resp: 210749

Ion Ratio Lower Upper

138 100

92 44.3 26.3 66.3

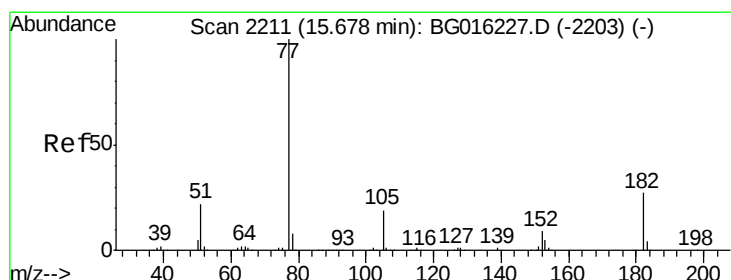
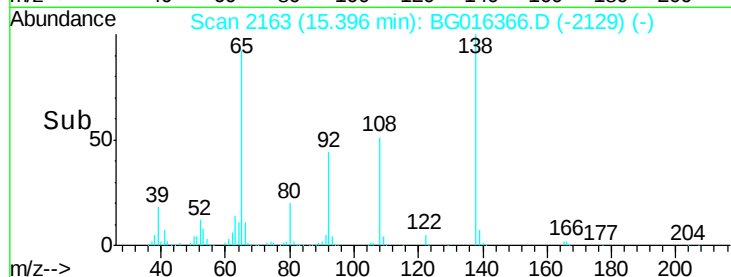
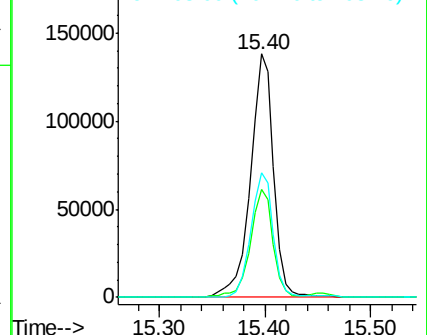
108 51.4 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.69 ng

RT: 15.65 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Tgt Ion: 77 Resp: 691886

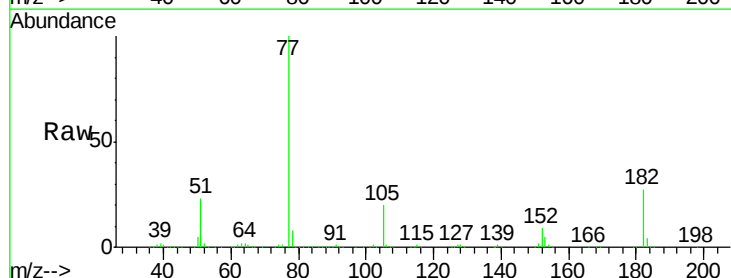
Ion Ratio Lower Upper

77 100

182 27.4 6.6 46.6

105 19.9 0.0 39.2

51 22.6 2.0 42.0

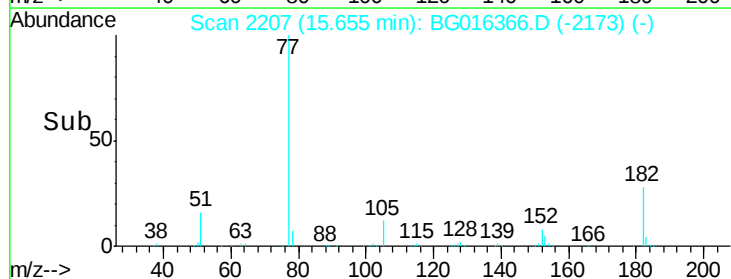
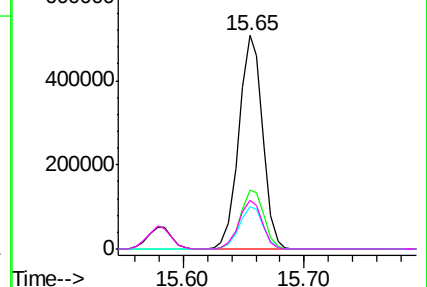


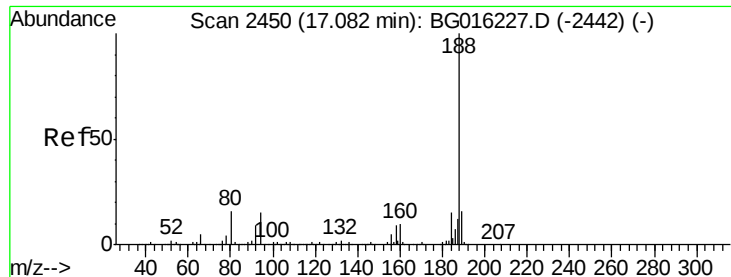
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

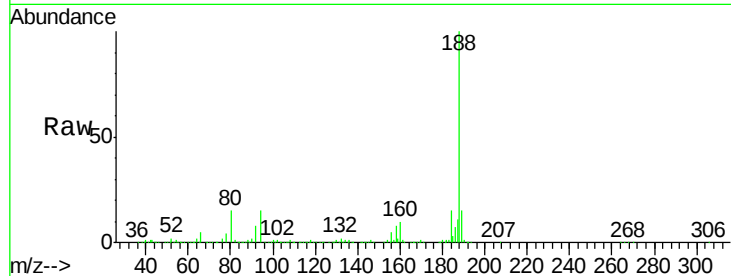




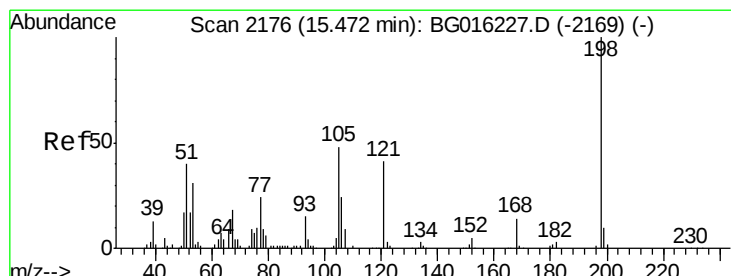
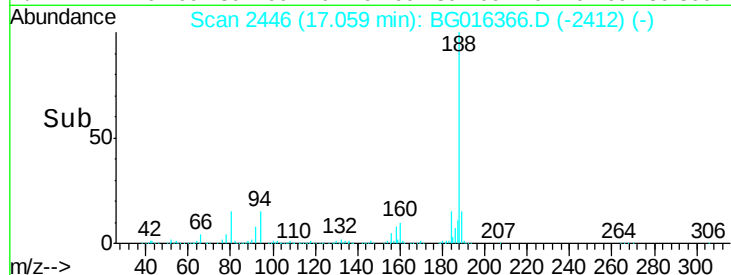
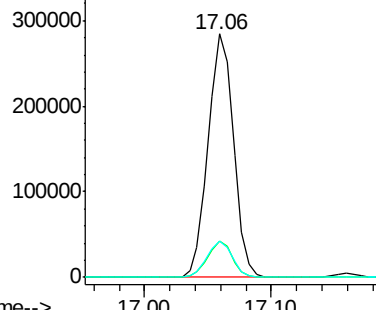
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

Tgt Ion:188 Resp: 393720
Ion Ratio Lower Upper
188 100
94 14.9 12.2 18.4
80 14.7 12.8 19.2

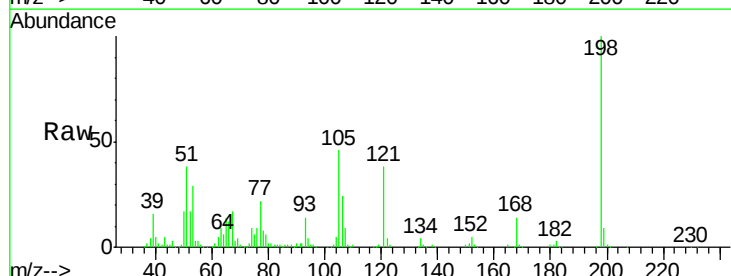


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

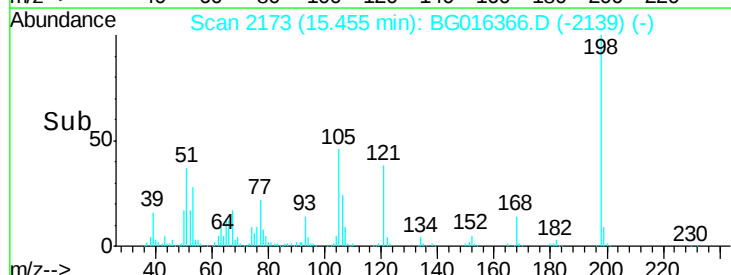
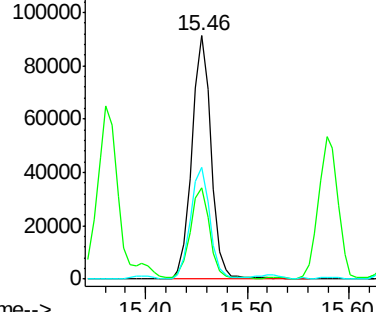


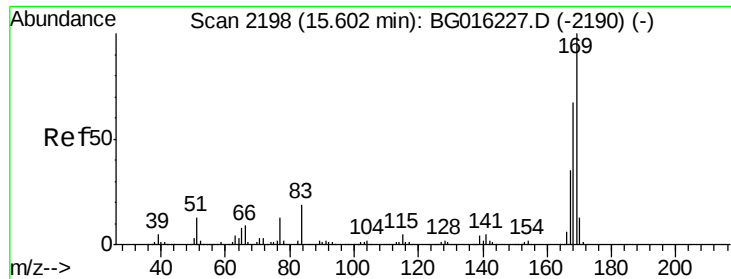
#64
4,6-Dinitro-2-methylphenol
Concen: 44.05 ng
RT: 15.46 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:198 Resp: 121110
Ion Ratio Lower Upper
198 100
51 37.7 20.7 60.7
105 46.0 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

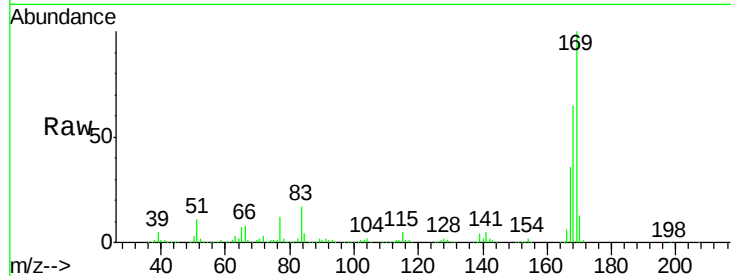




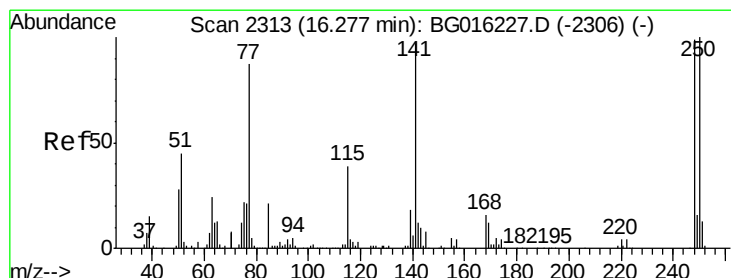
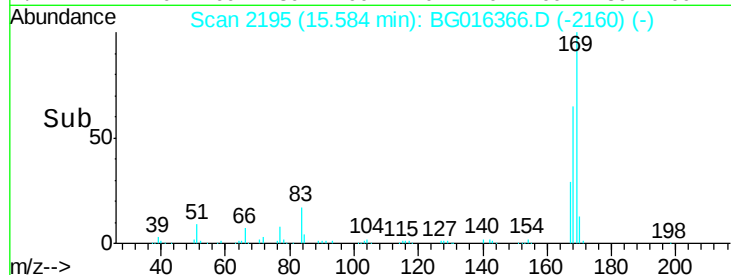
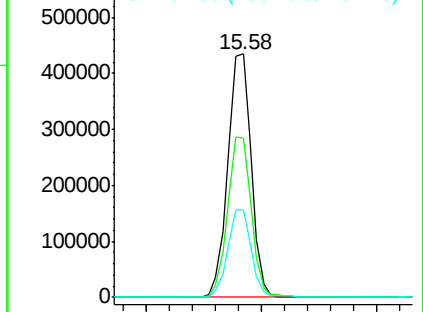
#65
 n-Nitrosodiphenylamine
 Concen: 45.77 ng
 RT: 15.58 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

Tgt Ion:169 Resp: 609178
 Ion Ratio Lower Upper
 169 100
 168 65.4 53.4 80.0
 167 35.9 28.3 42.5

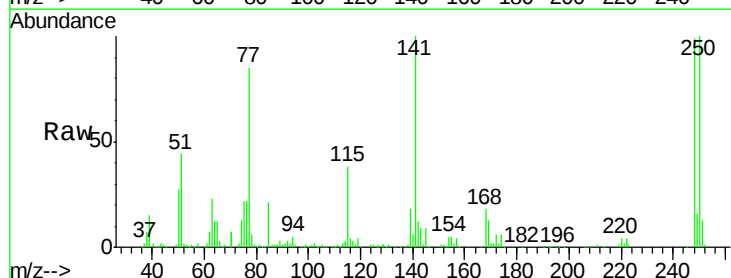


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

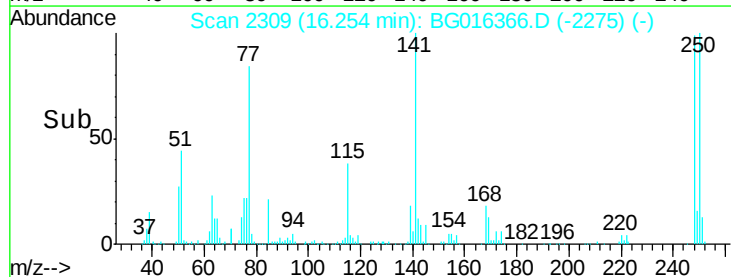
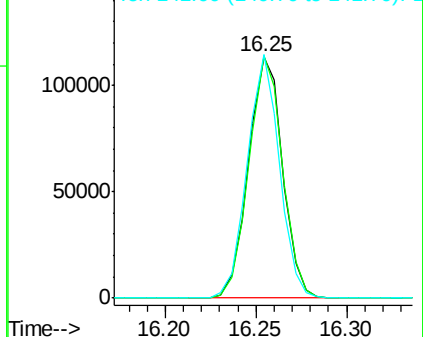


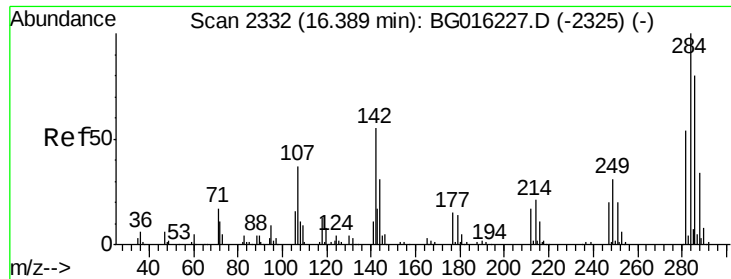
#66
 4-Bromophenyl-phenylether
 Concen: 47.08 ng
 RT: 16.25 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:248 Resp: 147994
 Ion Ratio Lower Upper
 248 100
 250 100.6 80.5 120.7
 141 101.0 78.2 117.4



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.09 ng

RT: 16.37 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

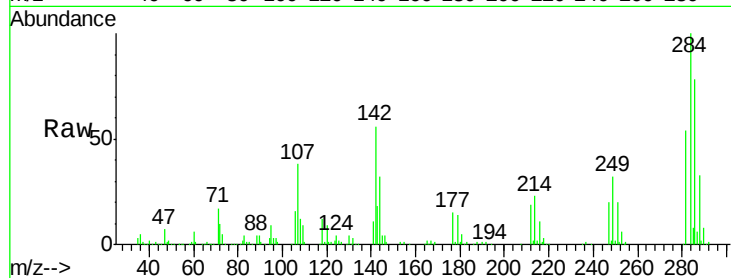
Tgt Ion:284 Resp: 150572

Ion Ratio Lower Upper

284 100

142 55.7 44.2 66.2

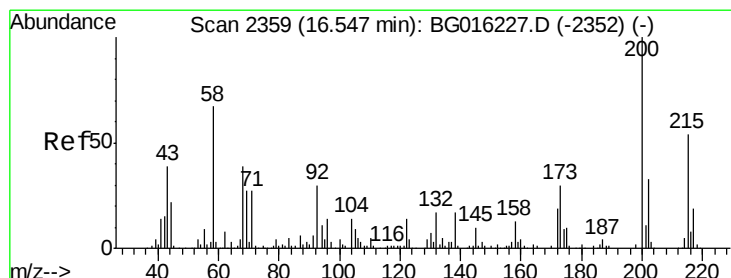
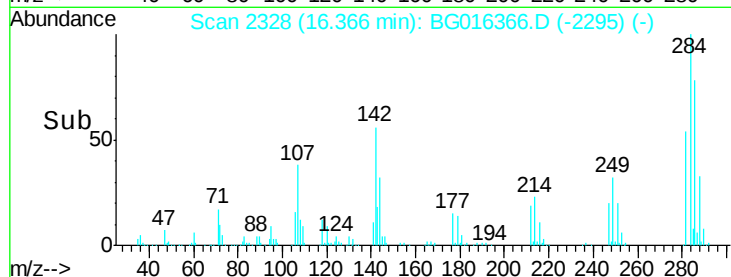
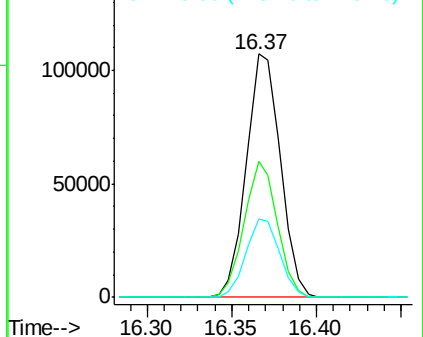
249 32.0 24.8 37.2



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: 47.65 ng

RT: 16.53 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

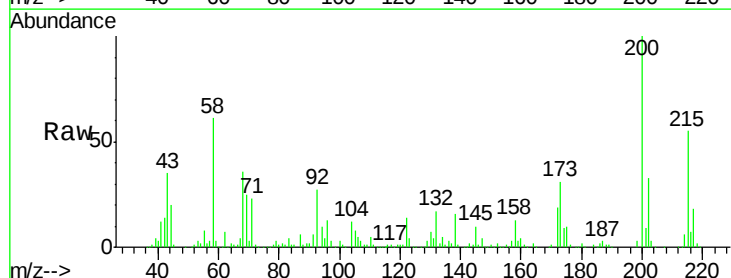
Tgt Ion:200 Resp: 176764

Ion Ratio Lower Upper

200 100

173 31.0 10.2 50.2

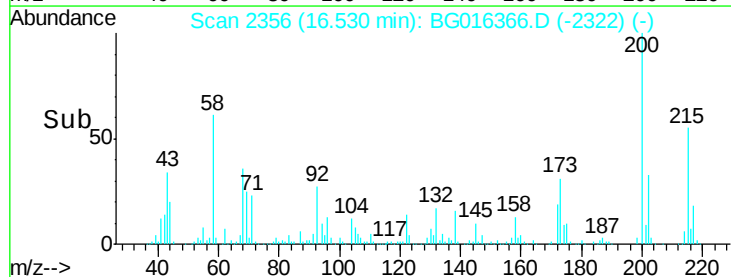
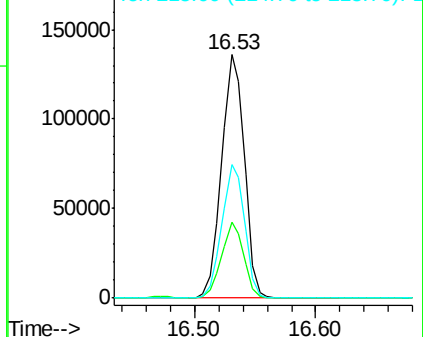
215 55.0 34.4 74.4

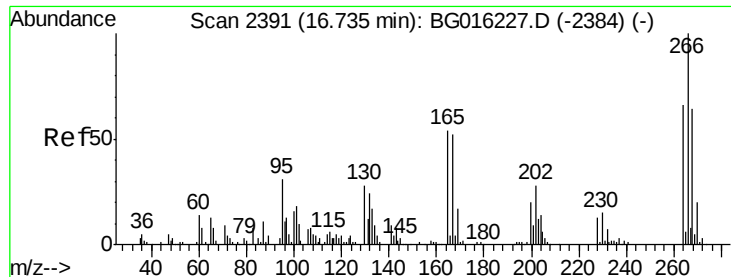


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

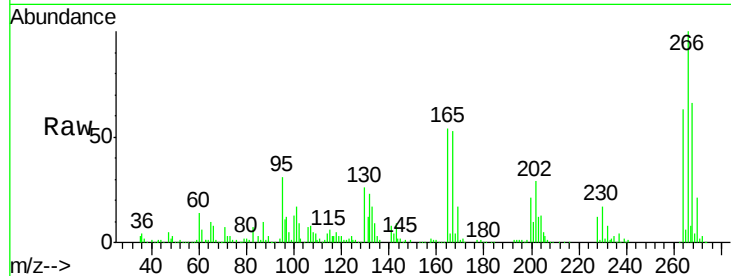




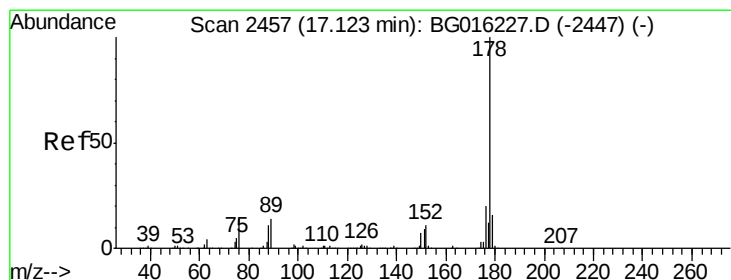
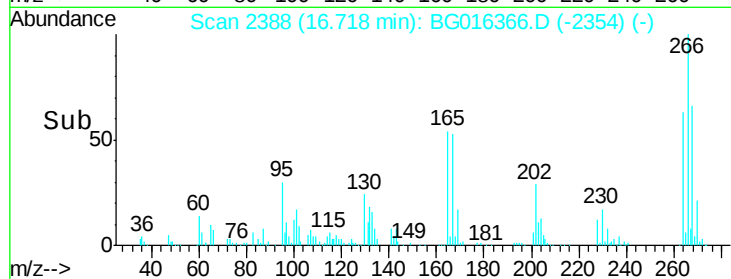
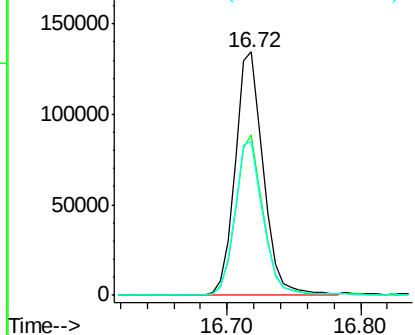
#69
 Pentachlorophenol
 Concen: 98.55 ng
 RT: 16.72 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

Tgt Ion:266 Resp: 196618
 Ion Ratio Lower Upper
 266 100
 268 65.8 50.9 76.3
 264 63.2 52.8 79.2

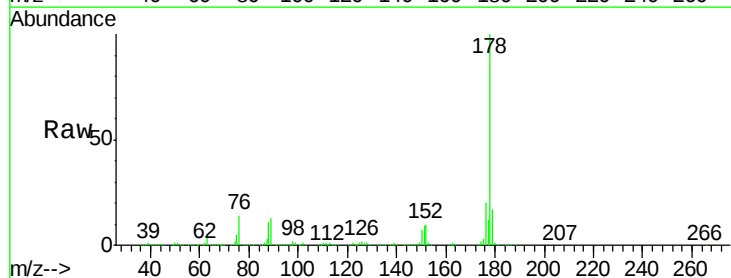


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

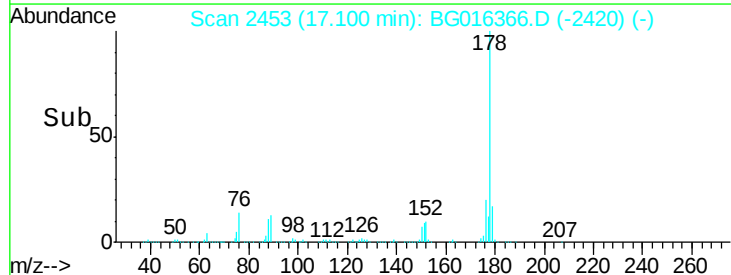
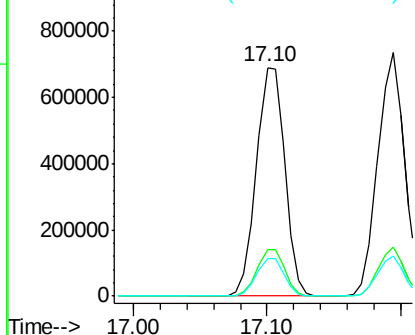


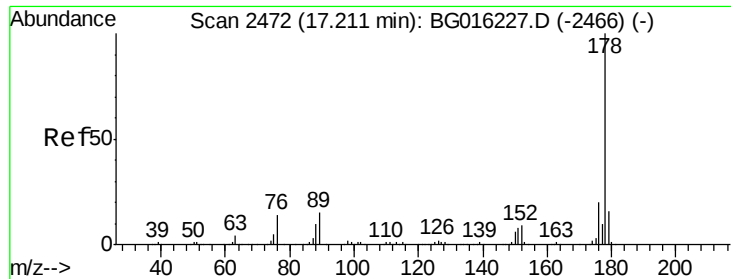
#70
 Phenanthrene
 Concen: 45.63 ng
 RT: 17.10 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:178 Resp: 1010590
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 16.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

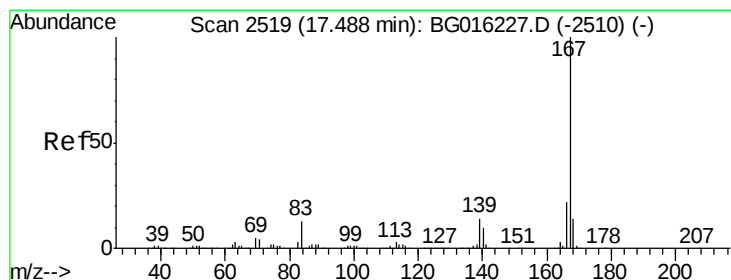
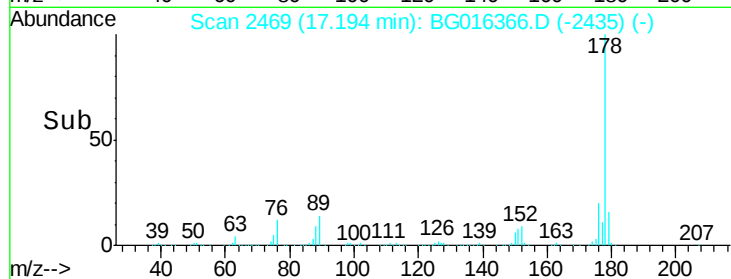
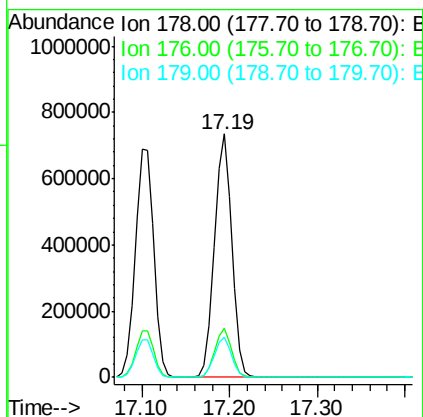
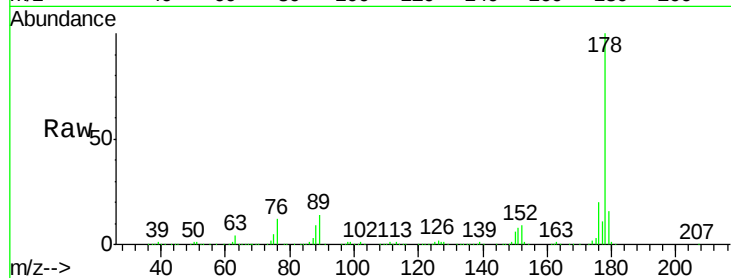




#71
 Anthracene
 Concen: 46.32 ng
 RT: 17.19 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

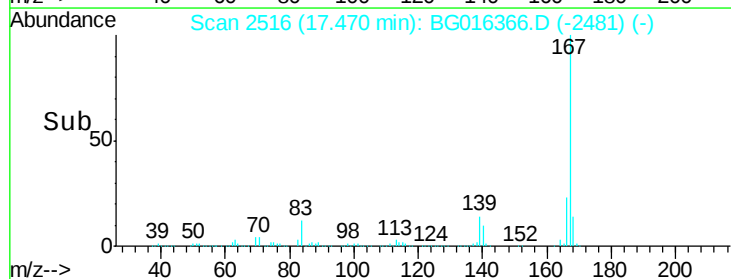
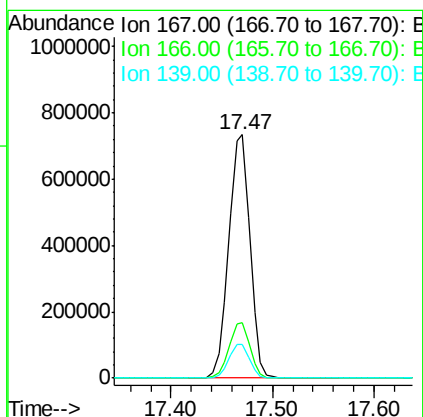
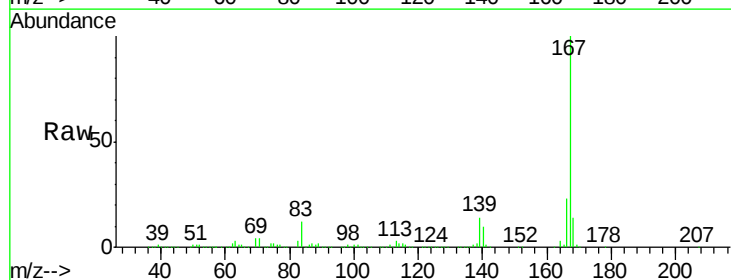
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

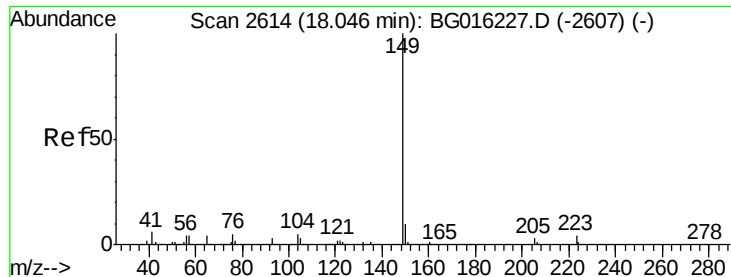
Tgt Ion:178 Resp: 1016446
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 16.5 13.0 19.6



#72
 Carbazole
 Concen: 48.45 ng
 RT: 17.47 min Scan# 2516
 Delta R.T. 0.01 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:167 Resp: 1067156
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.9 26.9
 139 13.8 11.5 17.3

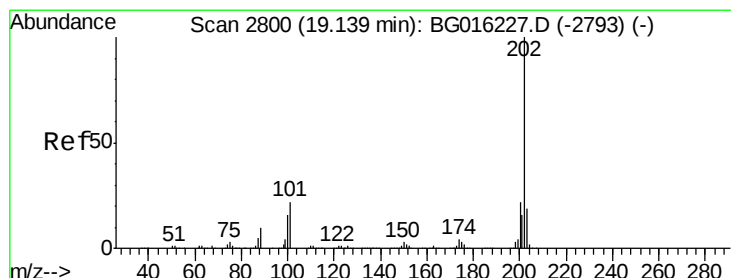
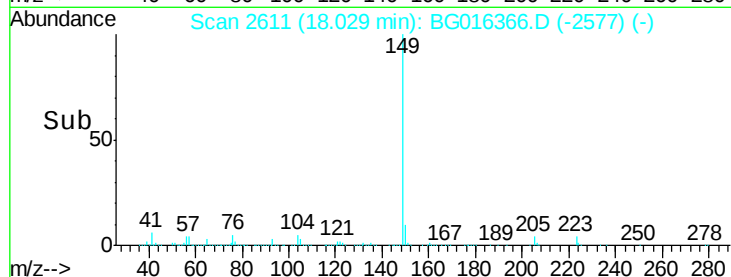
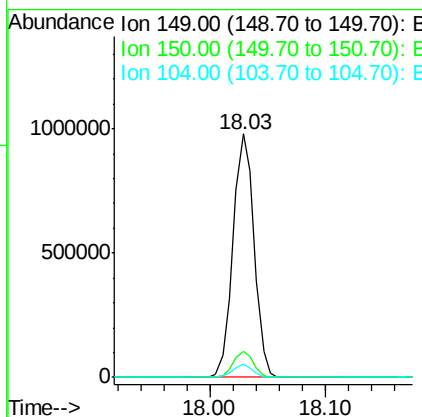
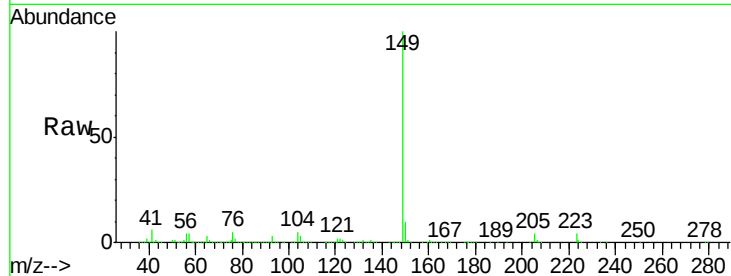




#73
Di-n-butylphthalate
Concen: 45.89 ng
RT: 18.03 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

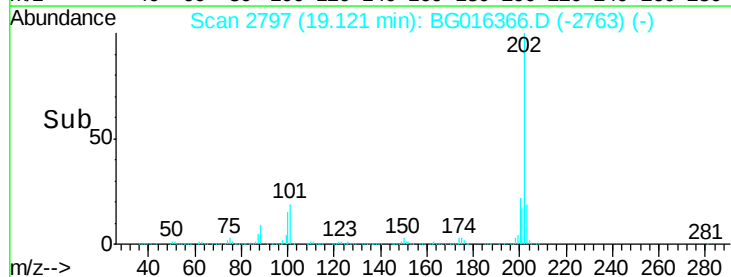
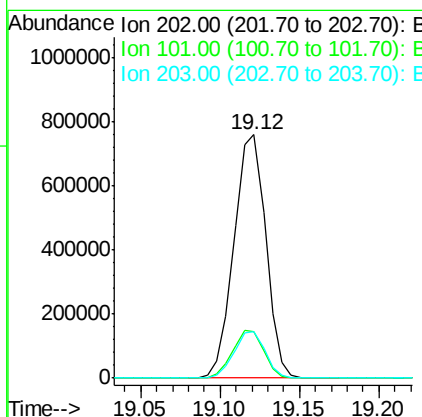
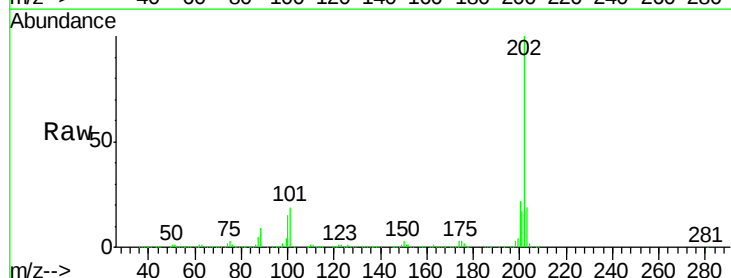
Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

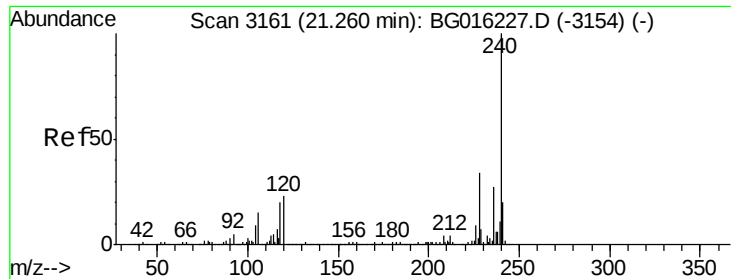
Tgt Ion:149 Resp: 1236835
Ion Ratio Lower Upper
149 100
150 10.5 8.2 12.4
104 5.3 4.0 6.0



#74
Fluoranthene
Concen: 46.34 ng
RT: 19.12 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:202 Resp: 1057626
Ion Ratio Lower Upper
202 100
101 19.3 1.7 41.7
203 19.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

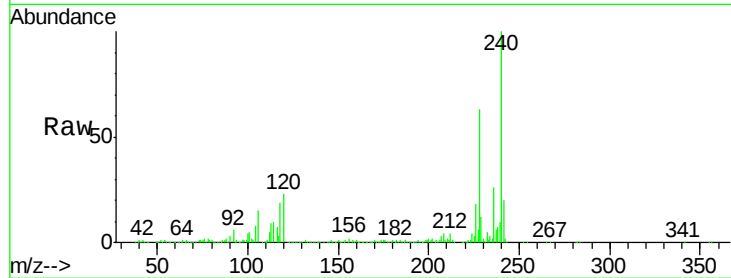
Tgt Ion:240 Resp: 346998

Ion Ratio Lower Upper

240 100

120 22.6 18.6 28.0

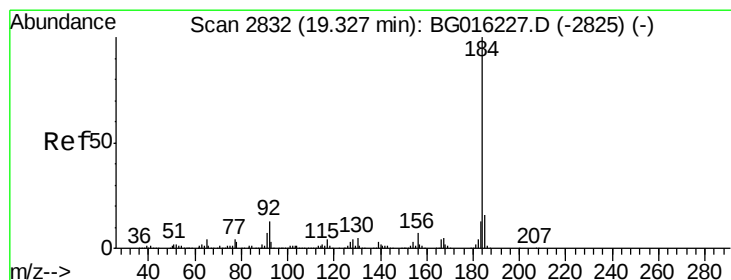
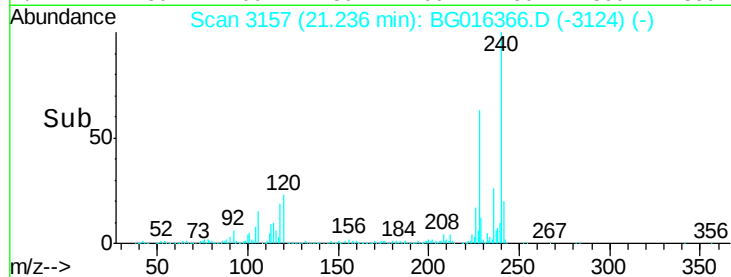
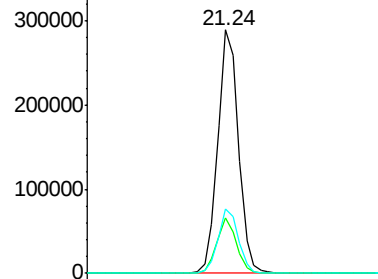
236 26.3 21.7 32.5



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: 2.99 ng

RT: 19.31 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

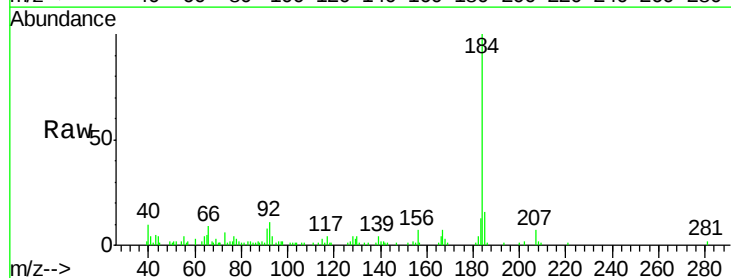
Tgt Ion:184 Resp: 44010

Ion Ratio Lower Upper

184 100

185 16.3 12.6 19.0

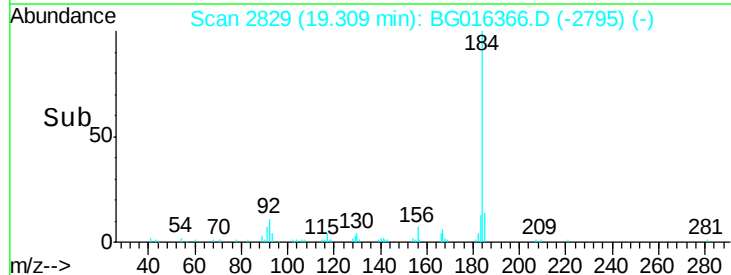
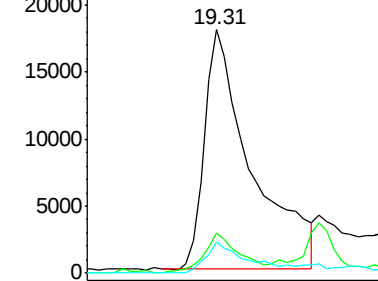
183 12.9 10.4 15.6

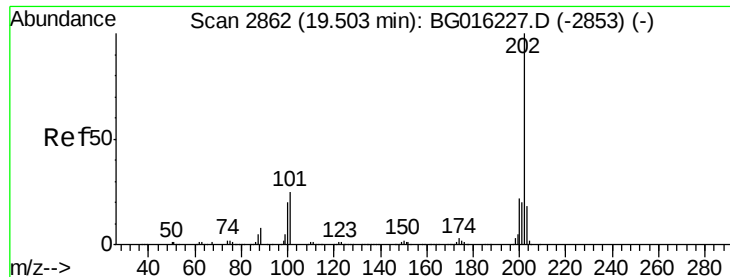


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.15 ng

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

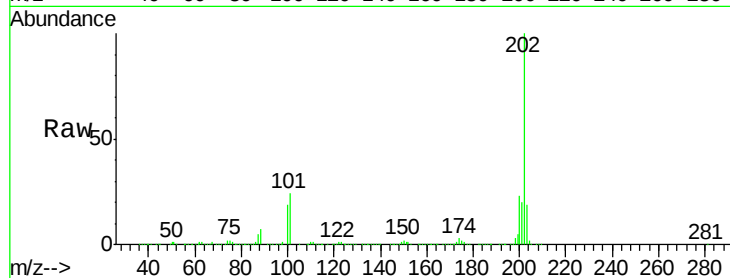
Tgt Ion:202 Resp: 1091025

Ion Ratio Lower Upper

202 100

200 23.1 17.8 26.8

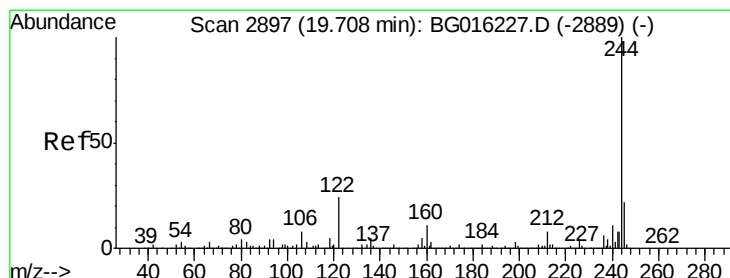
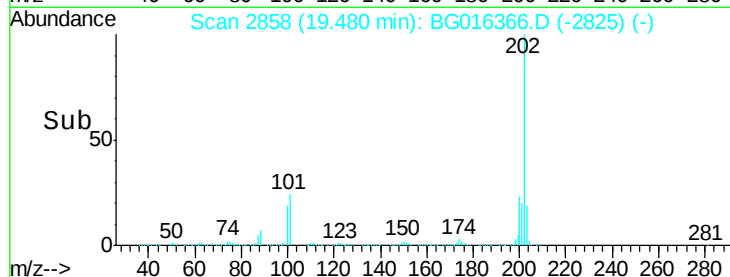
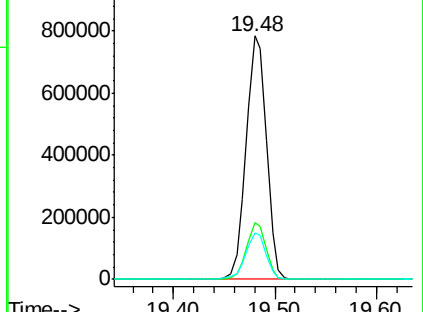
203 19.0 14.7 22.1



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: 86.82 ng

RT: 19.69 min Scan# 2894

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

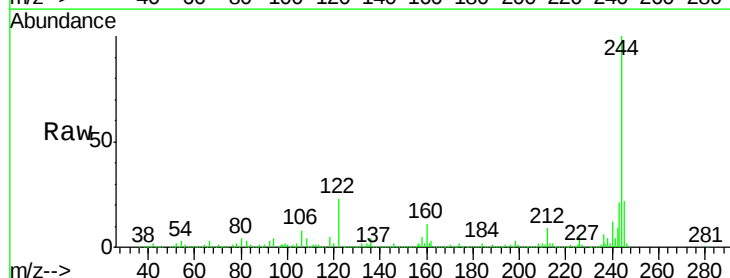
Tgt Ion:244 Resp: 1287160

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

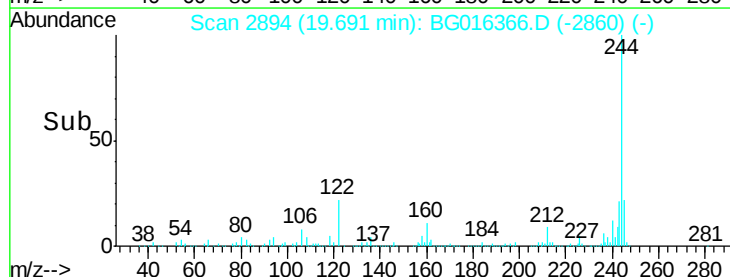
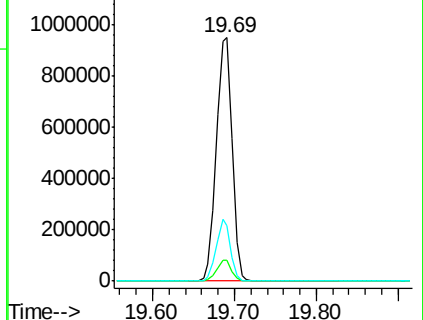
122 22.7 19.1 28.7

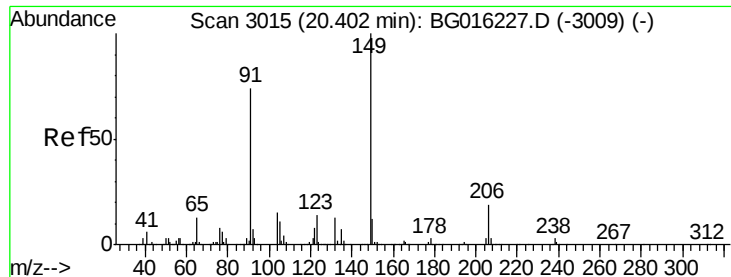


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

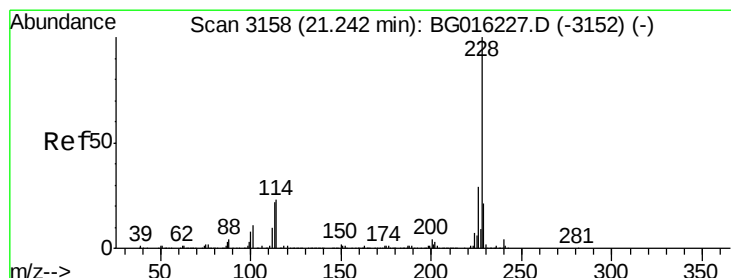
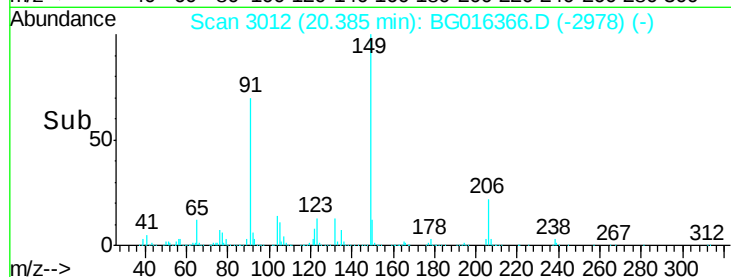
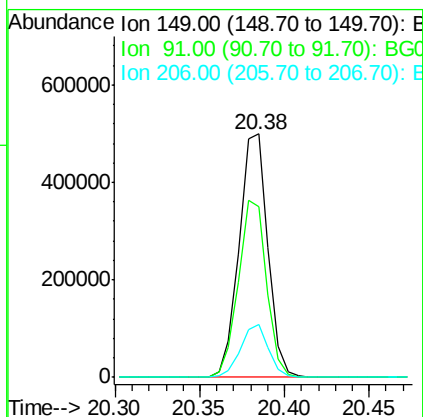
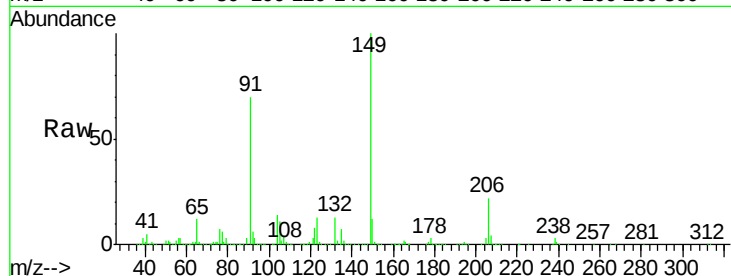




#79
Butylbenzylphthalate
Concen: 49.90 ng
RT: 20.38 min Scan# 3012
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

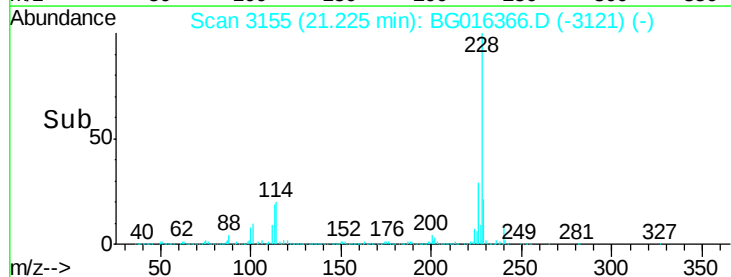
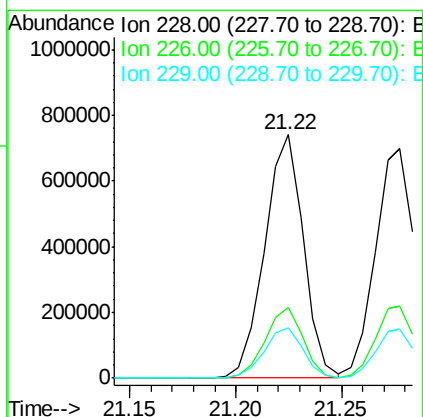
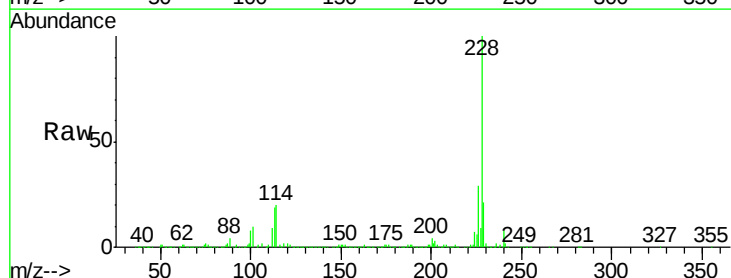
Instrument :
BNA_G
ClientSampleId :
LS-SD01AMSD

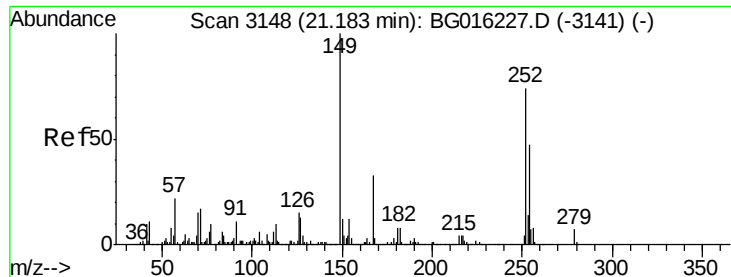
Tgt Ion:149 Resp: 592413
Ion Ratio Lower Upper
149 100
91 69.8 59.4 89.2
206 21.6 15.6 23.4



#80
Benzo(a)anthracene
Concen: 46.08 ng
RT: 21.22 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG016366.D
Acq: 13 Apr 2015 18:26

Tgt Ion:228 Resp: 945003
Ion Ratio Lower Upper
228 100
226 29.1 23.5 35.3
229 20.8 16.8 25.2

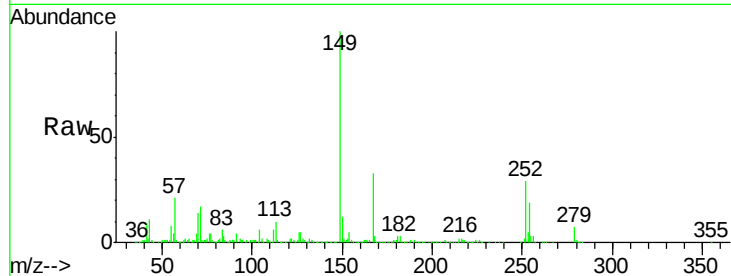




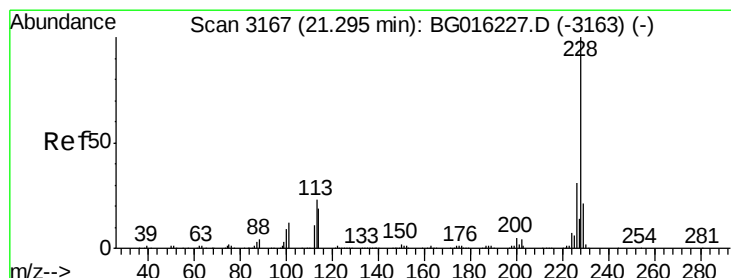
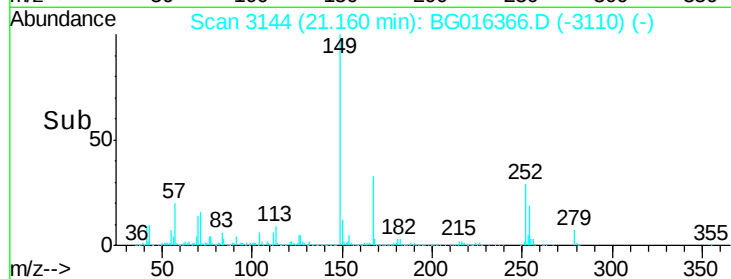
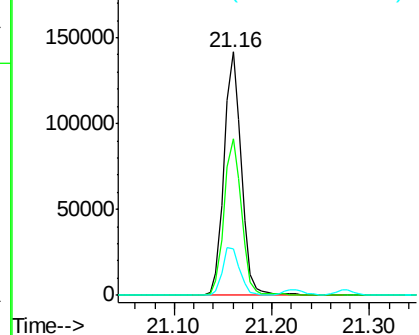
#81
 3,3'-Dichlorobenzidine
 Concen: 25.99 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

Tgt Ion:252 Resp: 175311
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.8 76.2
 126 19.1 16.0 24.0

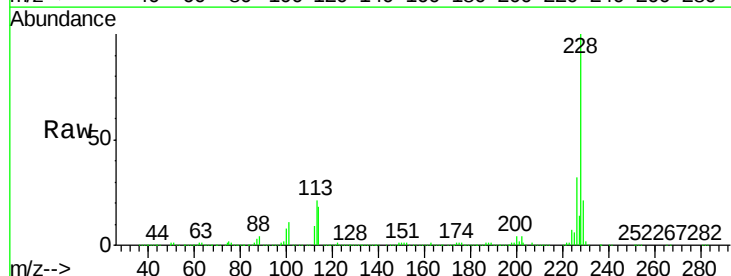


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

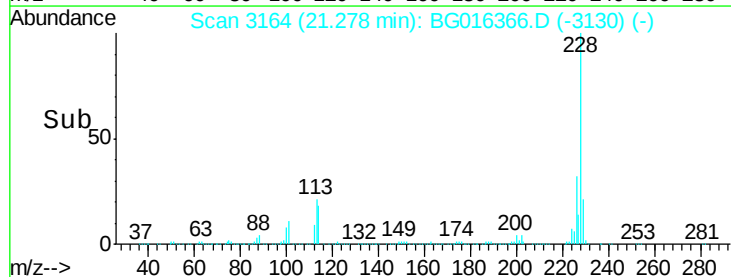
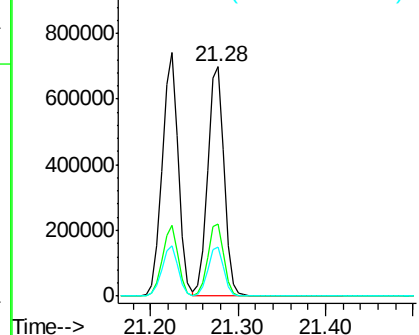


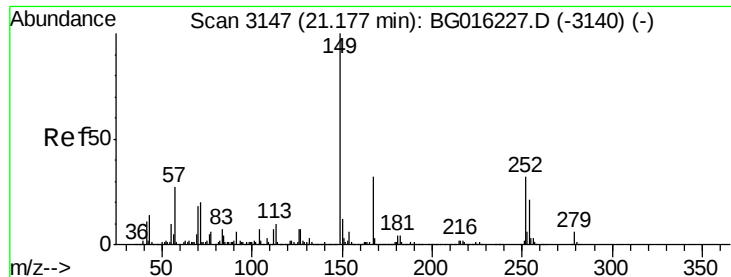
#82
 Chrysene
 Concen: 45.86 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:228 Resp: 907957
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.4
 229 21.2 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

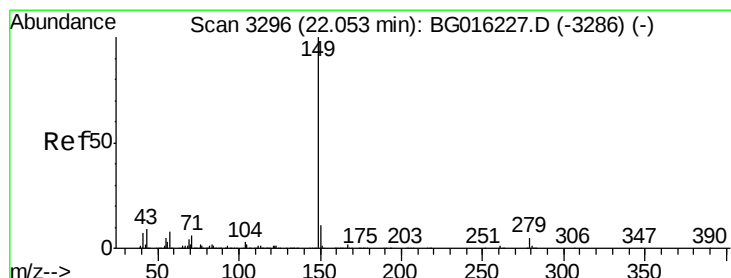
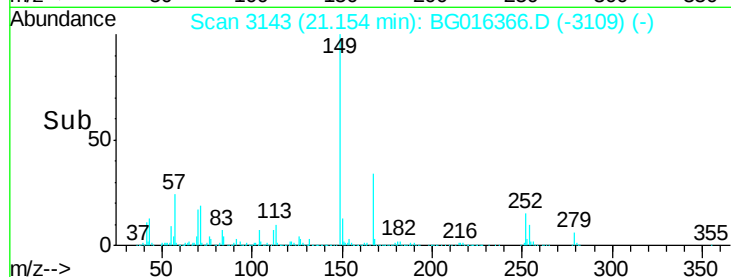
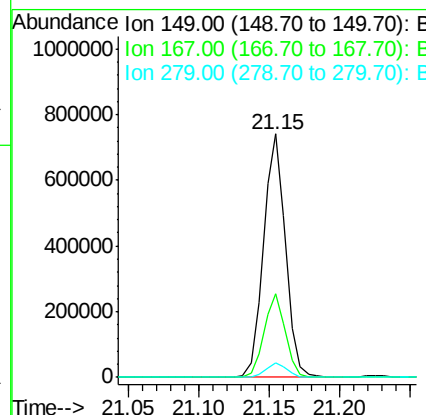
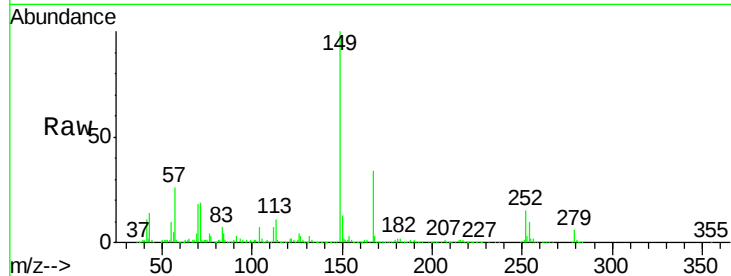




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.50 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

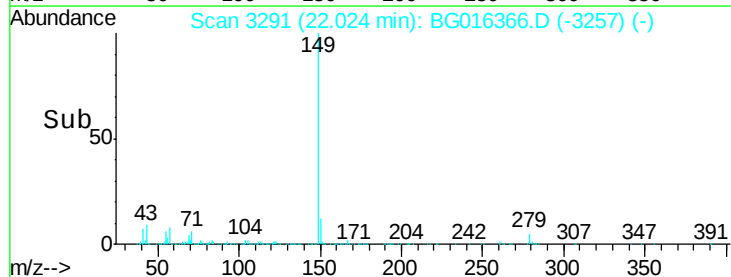
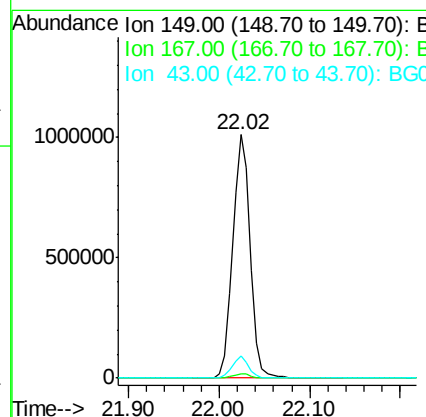
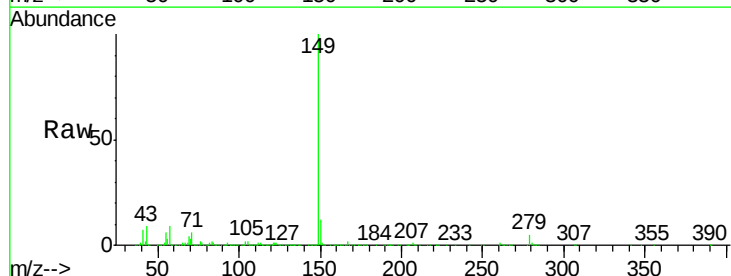
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

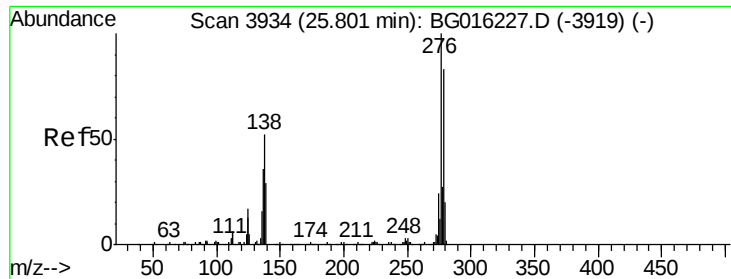
Tgt Ion:149 Resp: 811637
 Ion Ratio Lower Upper
 149 100
 167 34.4 25.8 38.6
 279 6.1 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 51.45 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:149 Resp: 1347056
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.4 7.0 10.4

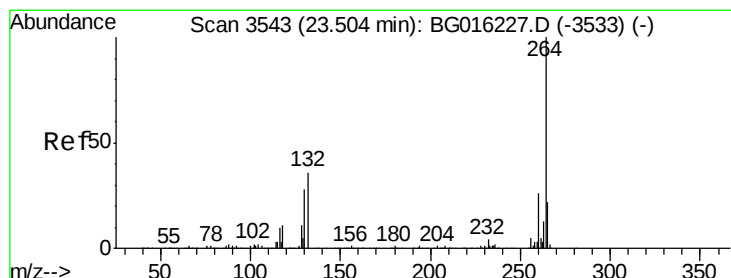
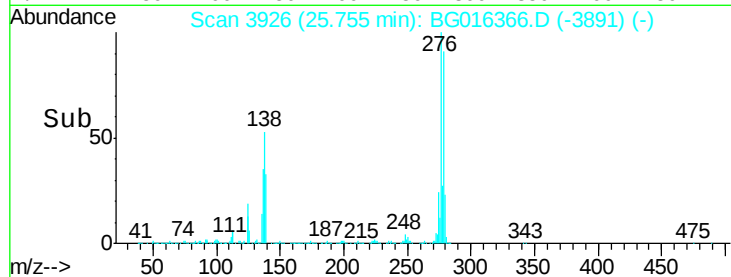
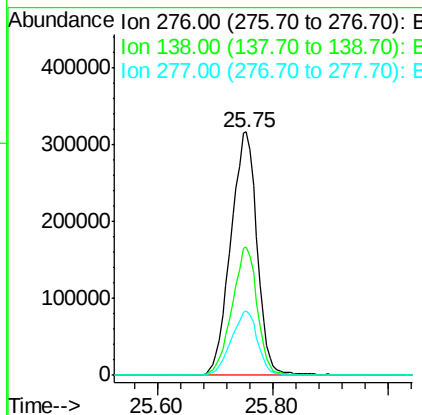
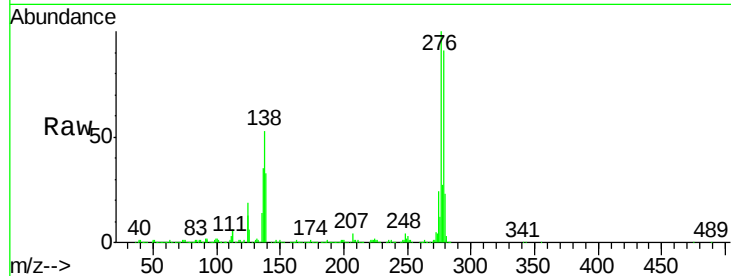




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.63 ng
 RT: 25.75 min Scan# 3926
 Delta R.T. 0.01 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

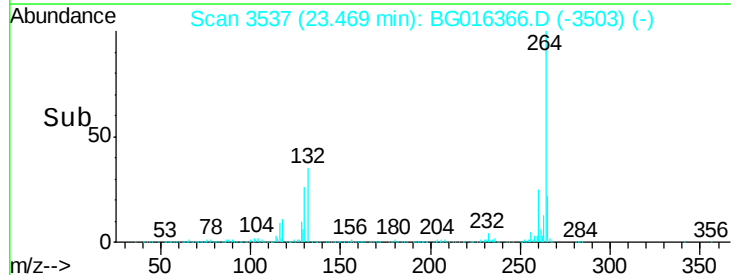
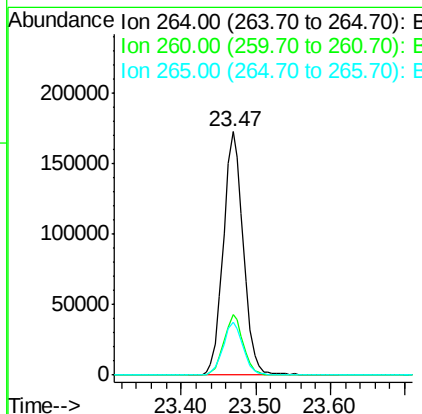
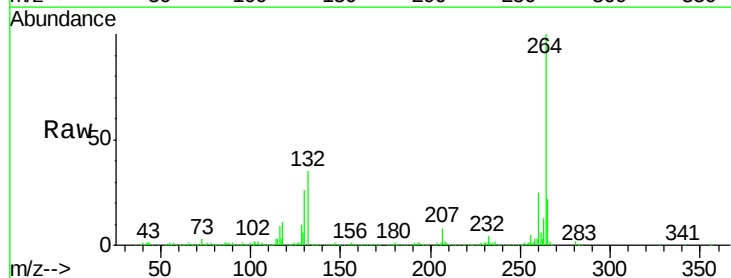
Instrument :
 BNA_G
 ClientSampleId :
 LS-SD01AMSD

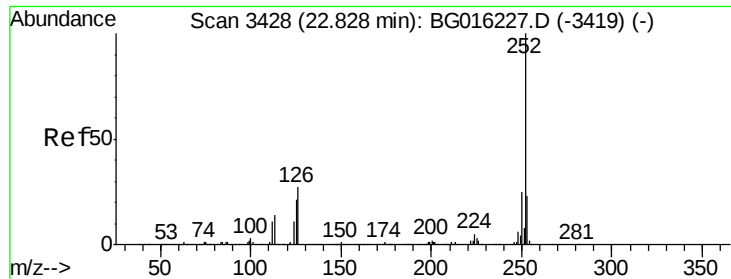
Tgt Ion:276 Resp: 1000341
 Ion Ratio Lower Upper
 276 100
 138 50.7 41.5 62.3
 277 26.4 21.0 31.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.47 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: BG016366.D
 Acq: 13 Apr 2015 18:26

Tgt Ion:264 Resp: 321194
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.4 30.6
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 49.66 ng

RT: 22.80 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

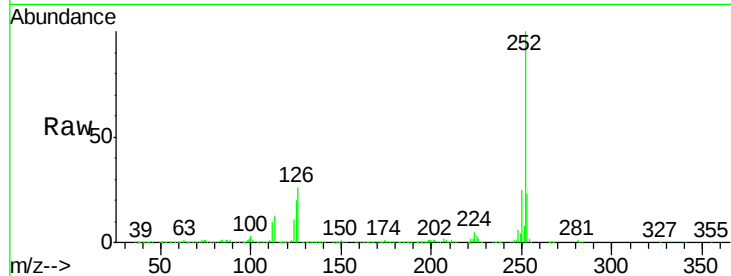
Tgt Ion:252 Resp: 934263

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

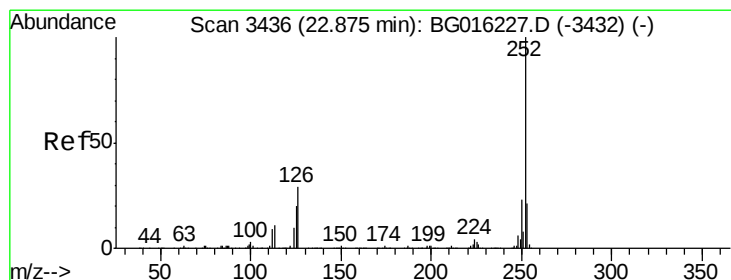
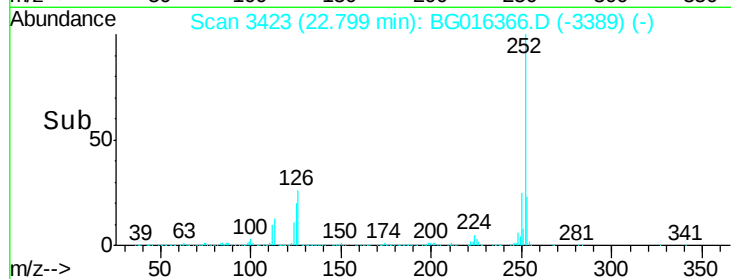
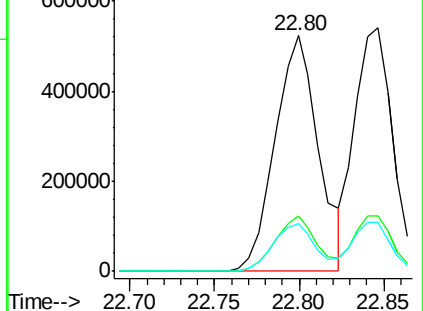
125 20.5 17.0 25.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.15 ng

RT: 22.85 min Scan# 3431

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

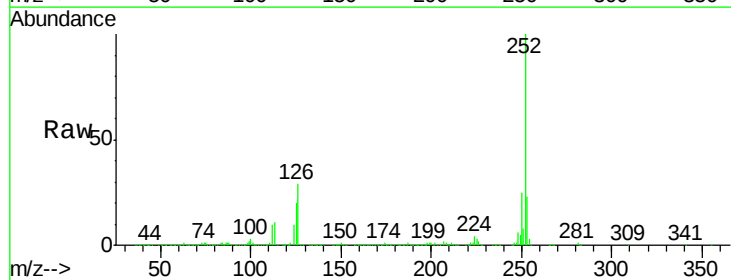
Tgt Ion:252 Resp: 849600

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

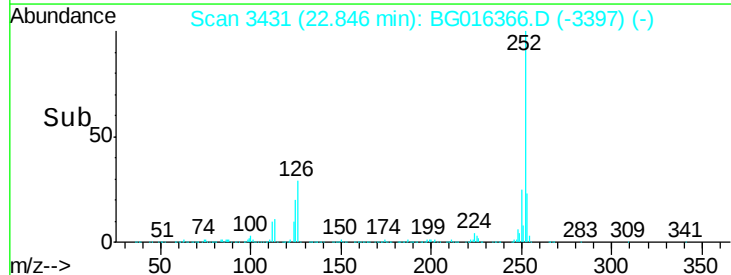
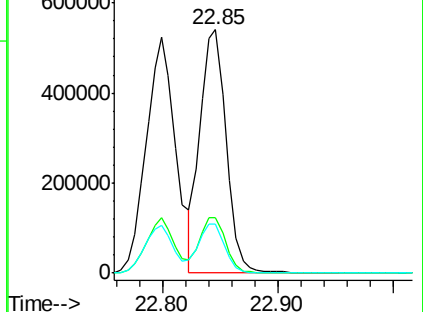
125 20.2 16.3 24.5

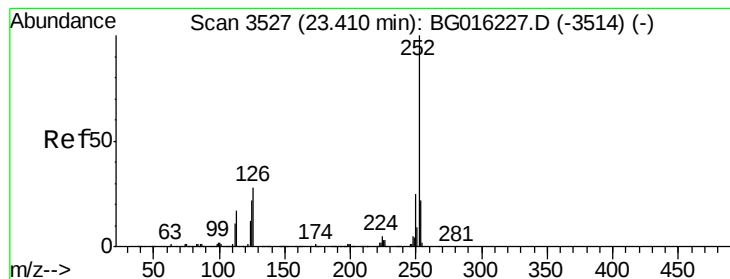


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.14 ng

RT: 23.38 min Scan# 3521

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

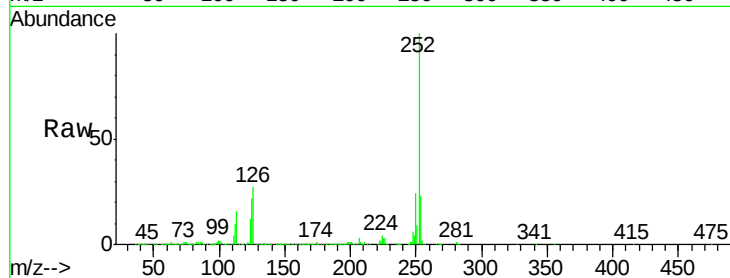
Tgt Ion:252 Resp: 883930

Ion Ratio Lower Upper

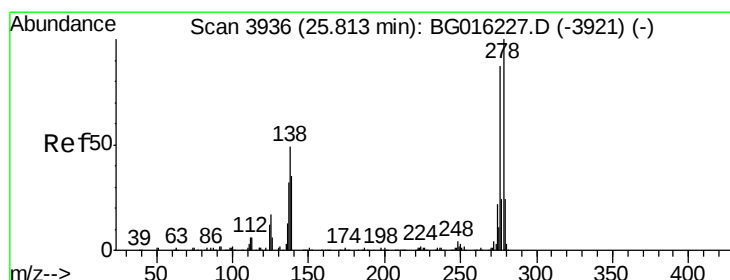
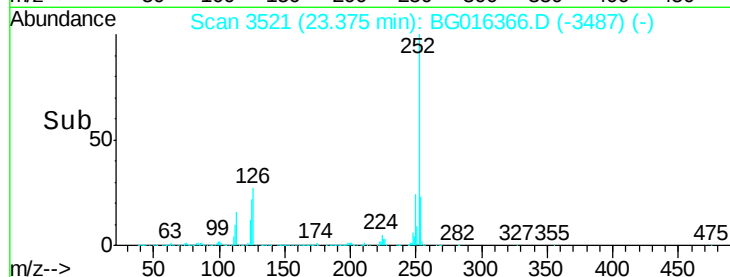
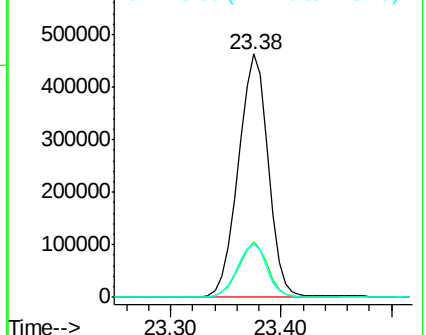
252 100

253 22.8 17.6 26.4

125 21.7 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.20 ng

RT: 25.76 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

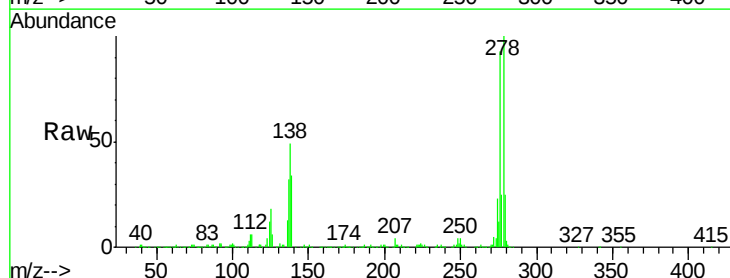
Tgt Ion:278 Resp: 826975

Ion Ratio Lower Upper

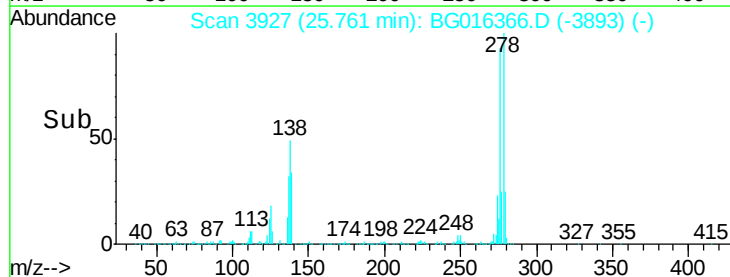
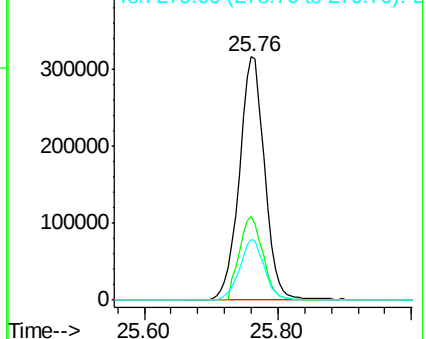
278 100

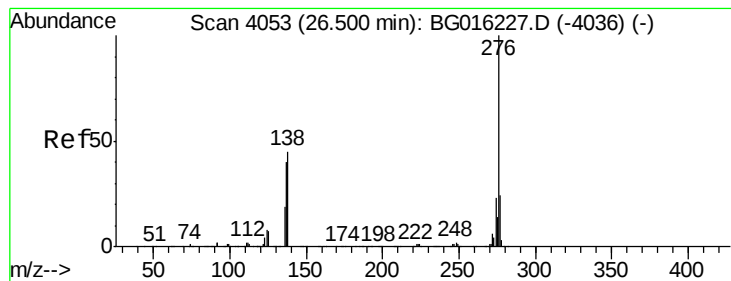
139 34.3 27.9 41.9

279 24.9 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.94 ng

RT: 26.45 min Scan# 4045

Delta R.T. 0.01 min

Lab File: BG016366.D

Acq: 13 Apr 2015 18:26

Instrument :

BNA_G

ClientSampleId :

LS-SD01AMSD

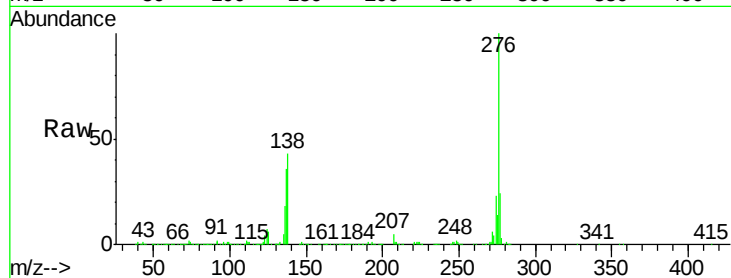
Tgt Ion: 276 Resp: 855848

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 43.2 35.7 53.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

