

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
 Data File : BG023005.D
 Acq On : 11 Jul 2016 17:58
 Operator : UM/SJ
 Sample : PB92015BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92015BS

Quant Time: Jul 12 09:33:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	92115	20.00	ng	0.00
21) Naphthalene-d8	10.982	136	426173	20.00	ng	0.00
38) Acenaphthene-d10	14.801	164	323687	20.00	ng	0.00
63) Phenanthrene-d10	17.562	188	828867	20.00	ng	0.00
75) Chrysene-d12	21.869	240	892137	20.00	ng	0.02
86) Perylene-d12	25.241	264	888773	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	543072	96.42	ng	0.00
7) Phenol-d6	7.309	99	837817	94.98	ng	0.00
23) Nitrobenzene-d5	9.325	82	851815	85.59	ng	0.00
41) 2,4,6-Tribromophenol	16.299	330	449129	77.20	ng	0.00
44) 2-Fluorobiphenyl	13.420	172	1752119	85.26	ng	0.00
78) Terphenyl-d14	20.165	244	2631822	100.11	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.966	79	266110	35.52	ng	91
4) n-Nitrosodimethylamine	3.878	42	135132	42.05	ng	# 90
6) Aniline	7.468	93	305070	24.95	ng	96
8) 2-Chlorophenol	7.715	128	284410	47.45	ng	99
9) Benzaldehyde	7.280	77	93923	15.93	ng	93
10) Phenol	7.333	94	440085	48.49	ng	92
11) bis(2-Chloroethyl)ether	7.562	93	297553	41.36	ng	99
12) 1,3-Dichlorobenzene	8.038	146	290378	39.58	ng	96
13) 1,4-Dichlorobenzene	8.185	146	302502	41.19	ng	91
14) 1,2-Dichlorobenzene	8.508	146	290218	39.74	ng	95
15) Benzyl Alcohol	8.390	79	381681	47.24	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.684	45	359823	40.95	ng	97
17) 2-Methylphenol	8.596	107	286670	48.52	ng	98
18) Hexachloroethane	9.248	117	126839	40.91	ng	95
19) n-Nitroso-di-n-propyla...	8.954	70	306431	38.53	ng	97
20) 3+4-Methylphenols	8.925	107	396420	48.11	ng	95
22) Acetophenone	8.978	105	498263	38.96	ng	# 95
24) Nitrobenzene	9.366	77	456557	43.17	ng	95
25) Isophorone	9.889	82	800306	39.98	ng	98
26) 2-Nitrophenol	10.088	139	172539	41.58	ng	89
27) 2,4-Dimethylphenol	10.141	122	304795	42.49	ng	92
28) bis(2-Chloroethoxy)met...	10.370	93	455864	40.83	ng	97
29) 2,4-Dichlorophenol	10.623	162	352560	46.08	ng	99
30) 1,2,4-Trichlorobenzene	10.841	180	356813	40.70	ng	96
31) Naphthalene	11.034	128	903770	41.66	ng	100
32) Benzoic acid	10.271	122	199277	30.54	ng	89
33) 4-Chloroaniline	11.140	127	206888	19.50	ng	97
34) Hexachlorobutadiene	11.311	225	271254	38.17	ng	96
35) Caprolactam	11.916	113	82647	26.26	ng	98
36) 4-Chloro-3-methylphenol	12.262	107	434075	41.48	ng	96
37) 2-Methylnaphthalene	12.633	142	725460	42.31	ng	96
39) 1,2,4,5-Tetrachloroben...	12.997	216	476574	34.17	ng	97
40) Hexachlorocyclopentadiene	12.973	237	567607	70.69	ng	99

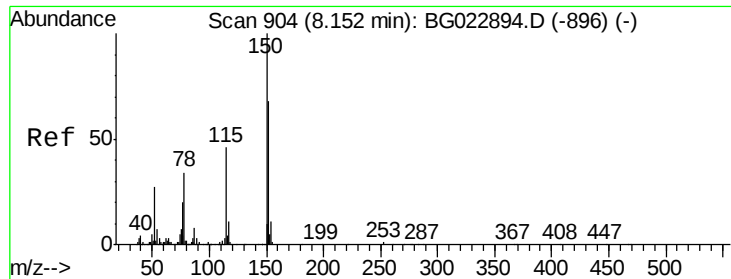
Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.238	196	340071	42.42	nq	94
43) 2,4,5-Trichlorophenol	13.314	196	363735	44.18	nq	93
45) 1,1'-Biphenyl	13.631	154	1023709	42.15	nq	100
46) 2-Chloronaphthalene	13.678	162	844482	42.87	nq	98
47) 2-Nitroaniline	13.884	65	367006	43.66	nq	96
48) Acenaphthylene	14.524	152	1270773	43.00	nq	99
49) Dimethylphthalate	14.248	163	1119034	42.32	nq	98
50) 2,6-Dinitrotoluene	14.372	165	259487	43.67	nq	85
51) Acenaphthene	14.865	154	833337	43.15	nq	98
52) 3-Nitroaniline	14.707	138	180359	30.44	nq	97
53) 2,4-Dinitrophenol	14.912	184	296227	72.65	nq	97
54) Dibenzofuran	15.200	168	1359256	47.02	nq	98
55) 4-Nitrophenol	15.024	139	416838	83.93	nq	97
56) 2,4-Dinitrotoluene	15.165	165	390593	45.09	nq	92
57) Fluorene	15.852	166	1104361	44.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.429	232	387394	47.03	nq	# 98
59) Diethylphthalate	15.611	149	1177839	43.78	nq	97
60) 4-Chlorophenyl-phenyle...	15.841	204	647351	42.72	nq	98
61) 4-Nitroaniline	15.876	138	255014	39.77	nq	# 84
62) Azobenzene	16.134	77	1307409	50.81	nq	92
64) 4,6-Dinitro-2-methylph...	15.929	198	227563	36.94	nq	99
65) n-Nitrosodiphenylamine	16.058	169	1026815	43.00	nq	98
66) 4-Bromophenyl-phenylether	16.739	248	440135	40.81	nq	97
67) Hexachlorobenzene	16.857	284	466886	39.82	nq	98
68) Atrazine	17.004	200	416950	39.36	nq	97
69) Pentachlorophenol	17.209	266	595308	78.40	nq	99
70) Phenanthrene	17.603	178	1809181	44.54	nq	99
71) Anthracene	17.697	178	1827876	44.44	nq	99
72) Carbazole	17.967	167	1590023	44.74	nq	98
73) Di-n-butylphthalate	18.508	149	1896677	47.99	nq	99
74) Fluoranthene	19.613	202	2111776	42.36	nq	98
76) Benzidine	19.789	184	1000613	39.12	nq	99
77) Pyrene	19.971	202	2095083	41.79	nq	98
79) Butylbenzylphthalate	20.846	149	924272	46.55	nq	97
80) Benzo(a)anthracene	21.845	228	2218230	44.44	nq	99
81) 3,3'-Dichlorobenzidine	21.751	252	624229	28.49	nq	98
82) Chrysene	21.916	228	2082260	44.47	nq	97
83) Bis(2-ethylhexyl)phtha...	21.728	149	1264461	45.86	nq	97
84) Di-n-octyl phthalate	22.991	149	2102510	45.72	nq	98
85) Indeno(1,2,3-cd)pyrene	29.119	276	2616740	43.83	nq	# 100
87) Benzo(b)fluoranthene	24.166	252	2359027	46.01	nq	# 98
88) Benzo(k)fluoranthene	24.237	252	2250929	46.26	nq	# 97
89) Benzo(a)pyrene	25.083	252	2284966	46.49	nq	# 97
90) Dibenzo(a,h)anthracene	29.190	278	2170666	44.49	nq	# 97
91) Benzo(g,h,i)perylene	30.329	276	2163725	44.29	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.150 min Scan# 90

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

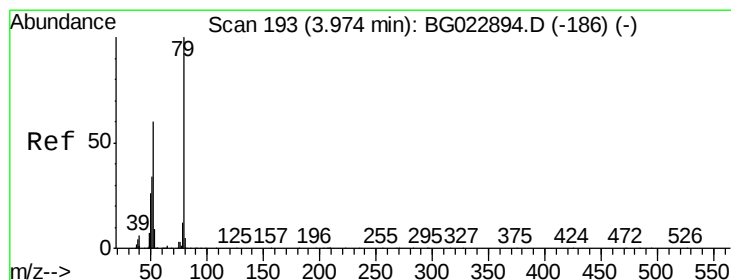
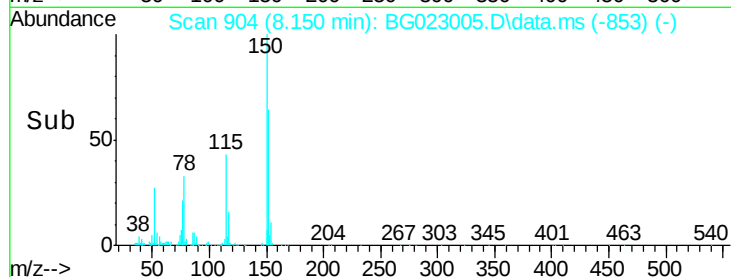
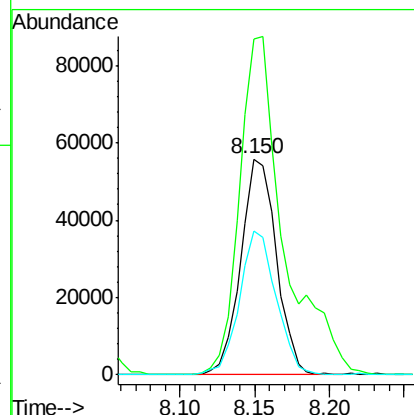
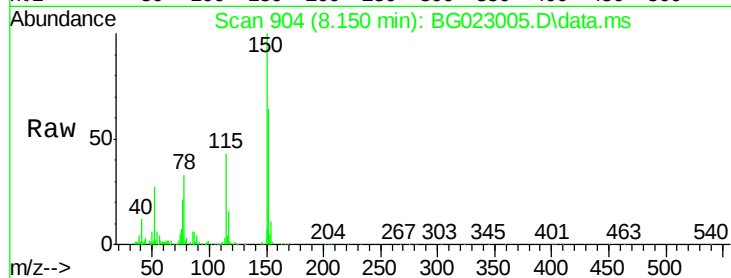
Tot Ion:152 Resp: 92115

Ion Ratio Lower Upper

152 100

150 155.4 144.7 217.1

115 66.4 64.0 96.0



#3

Pyridine

Concen: 35.52 ng

RT: 3.966 min Scan# 192

Delta R.T. -0.008 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

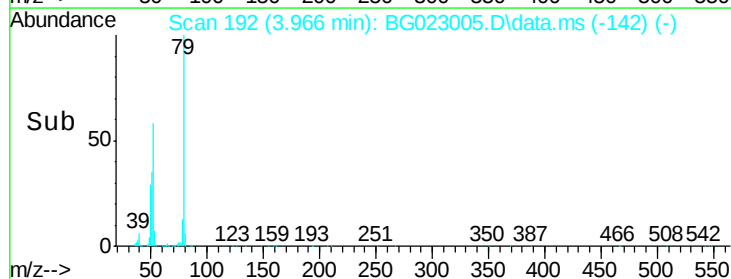
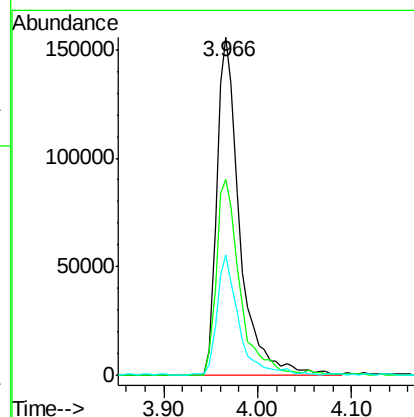
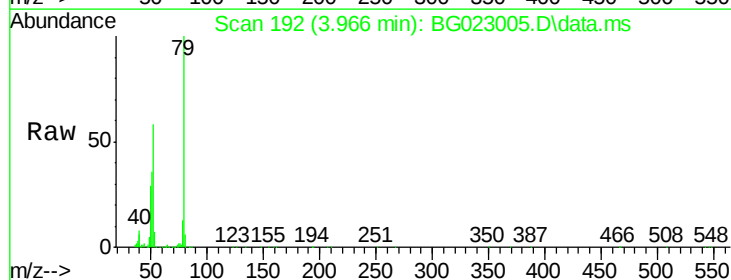
Tgt Ion: 79 Resp: 266110

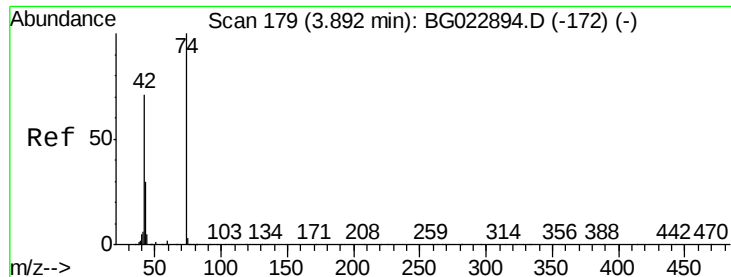
Ion Ratio Lower Upper

79 100

52 58.0 51.8 77.8

51 35.6 32.7 49.1





#4

n-Nitrosodimethylamine

Concen: 42.05 ng

RT: 3.878 min Scan# 17

Delta R.T. -0.014 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

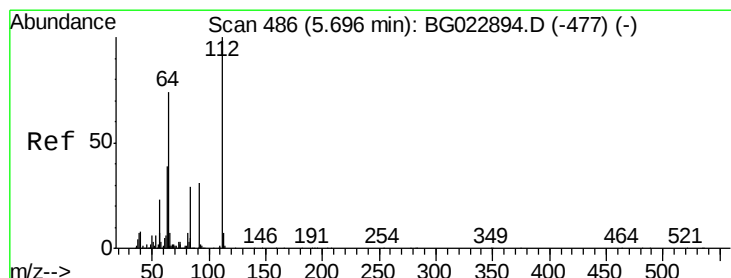
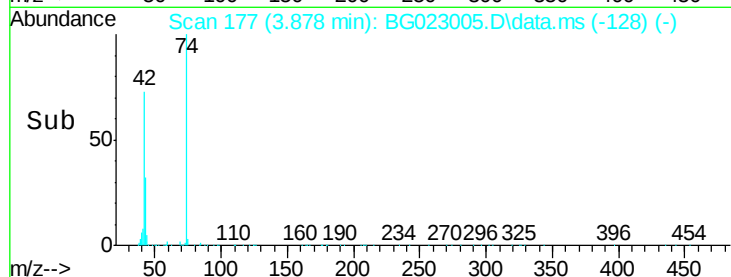
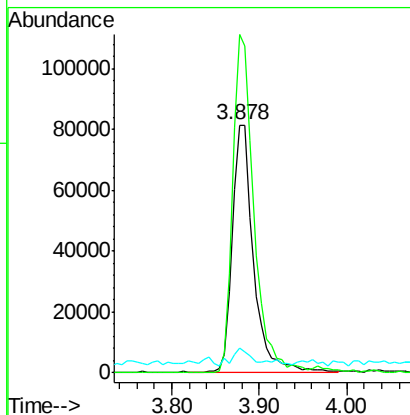
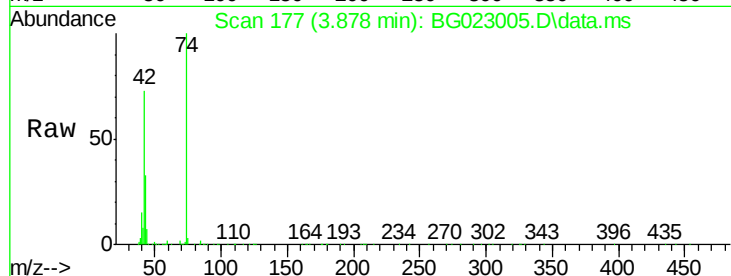
Tot Ion: 42 Resp: 135132

Ion Ratio Lower Upper

42 100

74 136.8 100.6 150.8

44 10.1 4.5 6.7#



#5

2-Fluorophenol

Concen: 96.42 ng

RT: 5.699 min Scan# 487

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

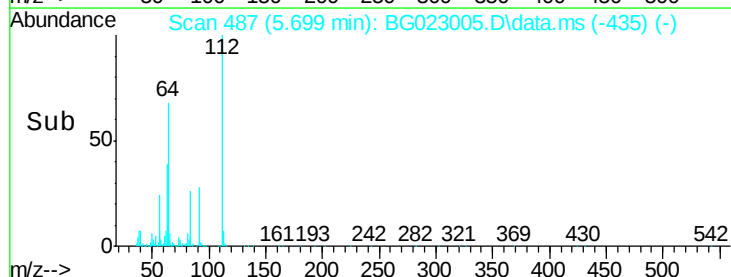
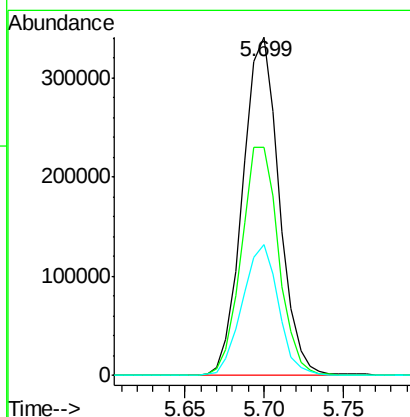
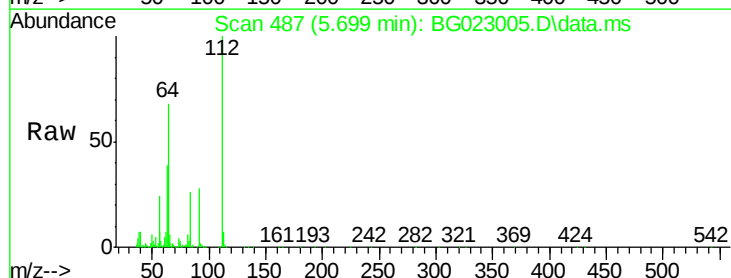
Tgt Ion: 112 Resp: 543072

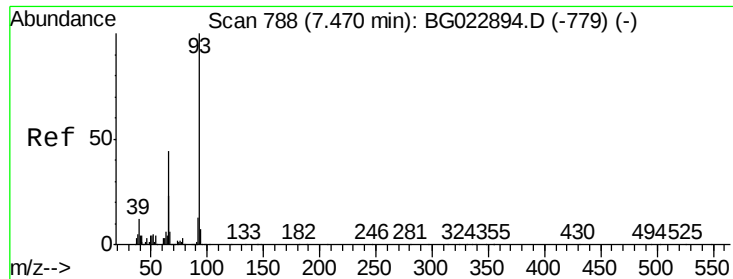
Ion Ratio Lower Upper

112 100

64 67.5 59.0 88.4

63 38.8 37.8 56.8





#6

Aniline

Concen: 24.95 ng

RT: 7.468 min Scan# 78

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

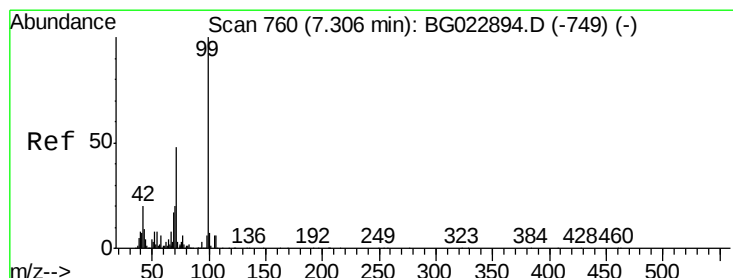
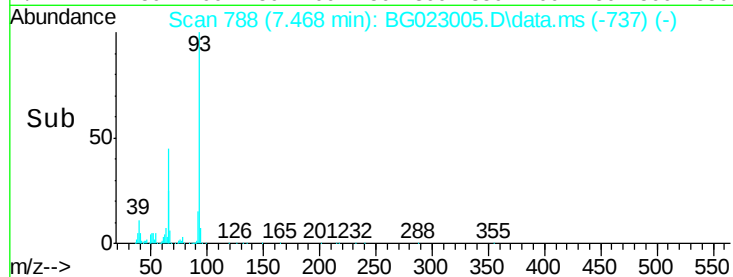
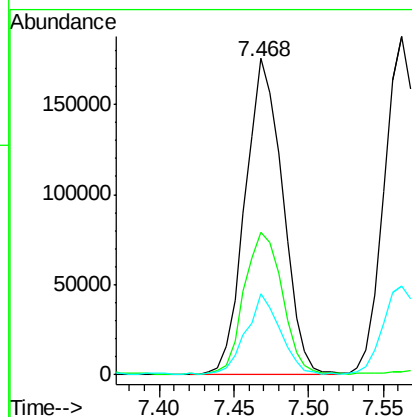
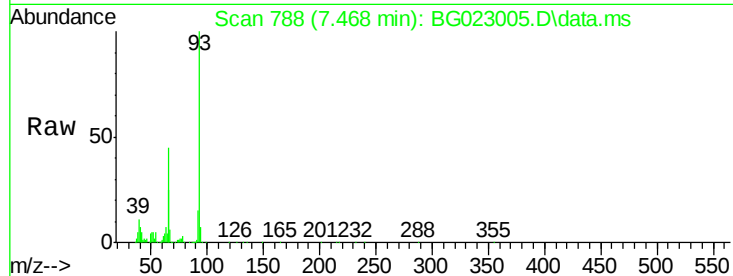
Tot Ion: 93 Resp: 305070

Ion Ratio Lower Upper

93 100

66 45.2 37.5 56.3

65 25.4 17.9 26.9



#7

Phenol-d6

Concen: 94.98 ng

RT: 7.309 min Scan# 761

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

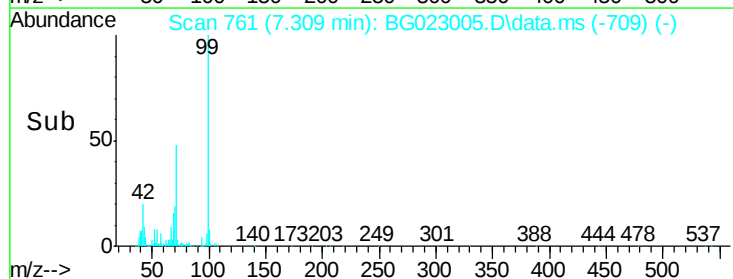
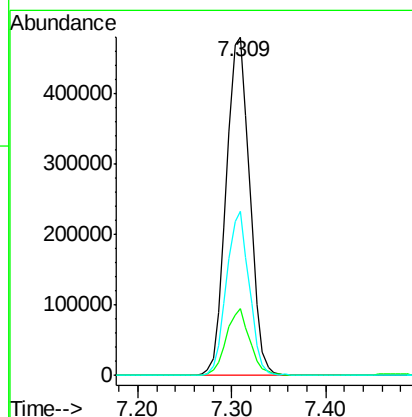
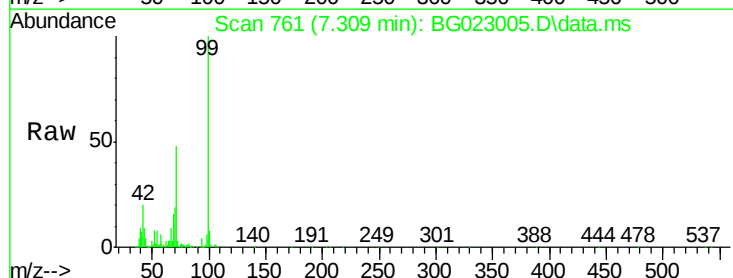
Tgt Ion: 99 Resp: 837817

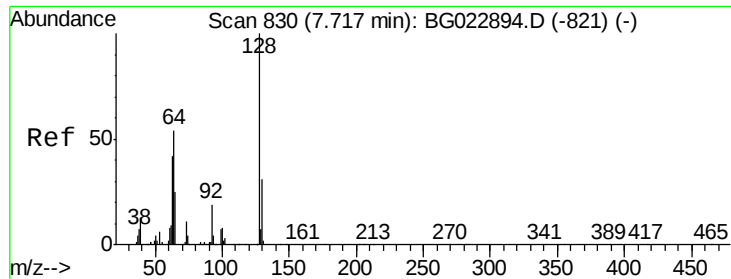
Ion Ratio Lower Upper

99 100

42 19.8 17.8 26.6

71 48.4 41.5 62.3





#8

2-Chlorophenol

Concen: 47.45 ng

RT: 7.715 min Scan# 83

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

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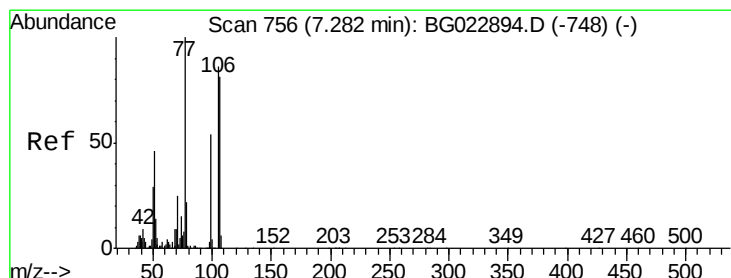
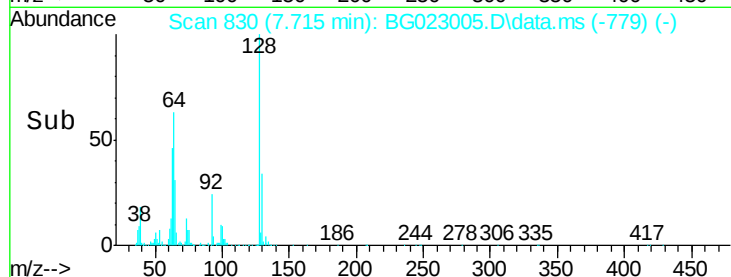
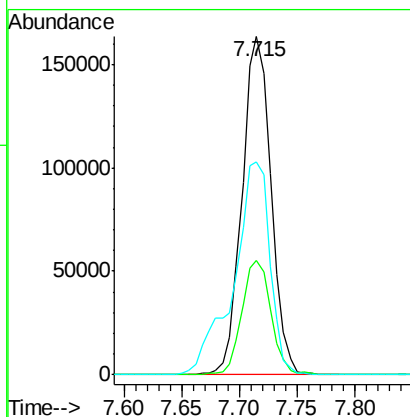
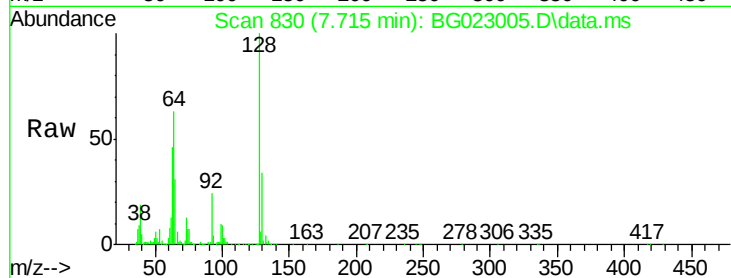
Tot Ion:128 Resp: 284410

Ion Ratio Lower Upper

128 100

130 33.9 12.9 52.9

64 62.9 42.0 82.0



#9

Benzaldehyde

Concen: 15.93 ng

RT: 7.280 min Scan# 756

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

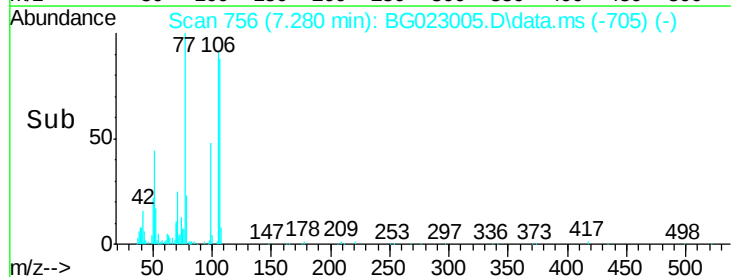
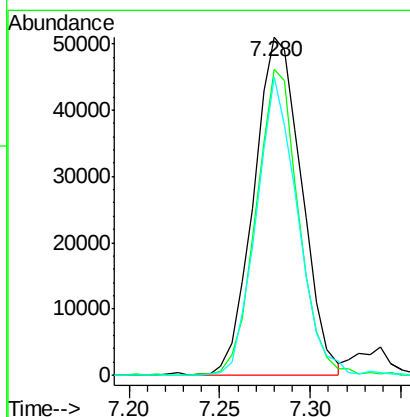
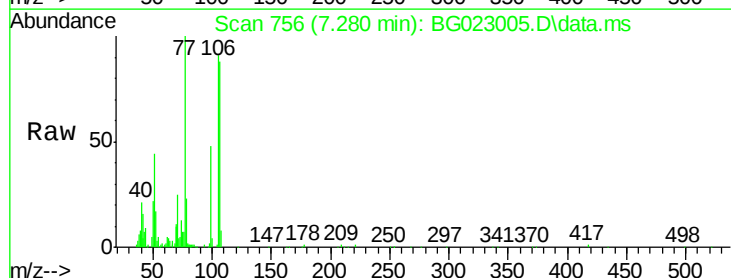
Tgt Ion: 77 Resp: 93923

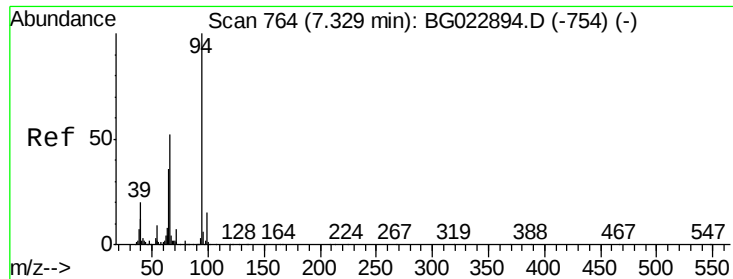
Ion Ratio Lower Upper

77 100

105 90.7 58.7 98.7

106 88.2 67.5 107.5





#10

Phenol

Concen: 48.49 ng

RT: 7.333 min Scan# 76

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

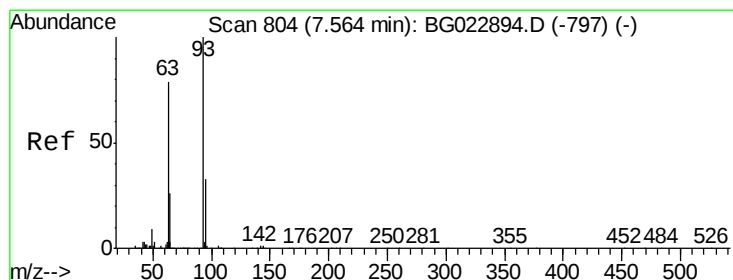
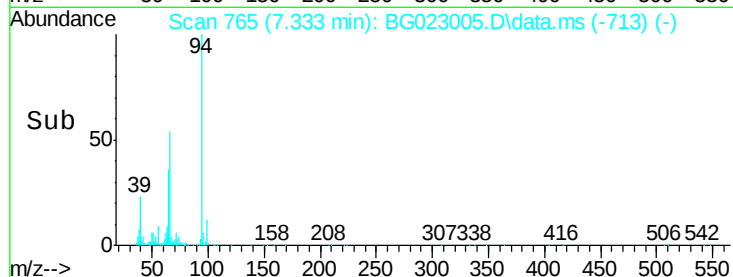
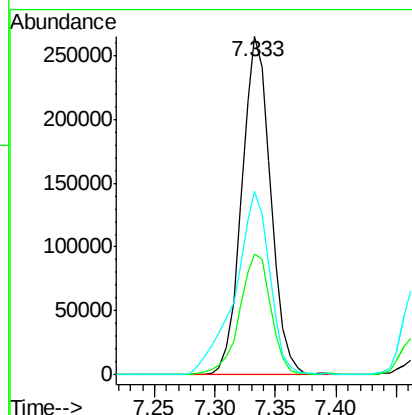
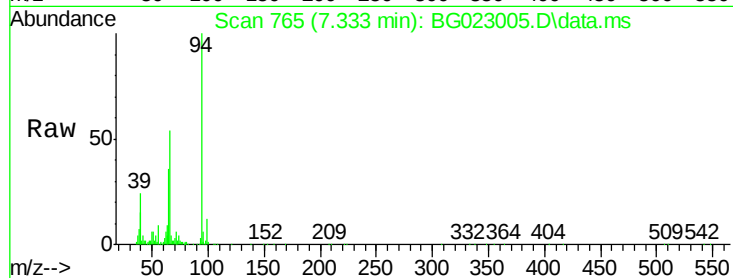
Tot Ion: 94 Resp: 440085

Ion Ratio Lower Upper

94 100

65 35.6 18.1 58.1

66 54.2 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 41.36 ng

RT: 7.562 min Scan# 804

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

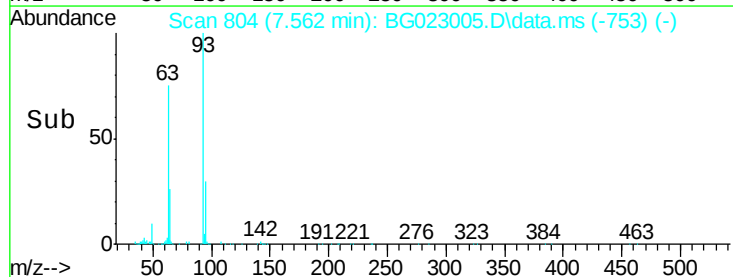
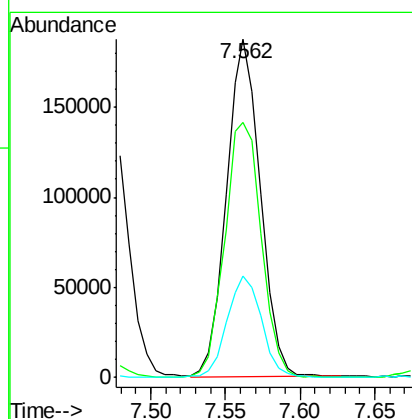
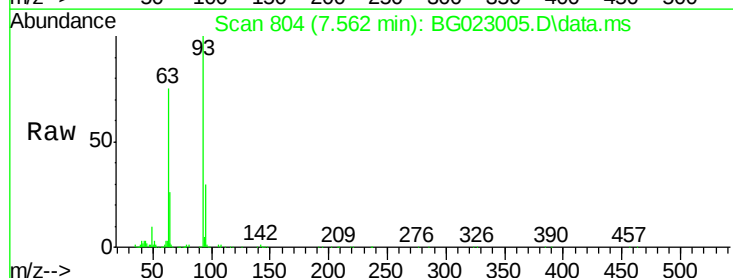
Tgt Ion: 93 Resp: 297553

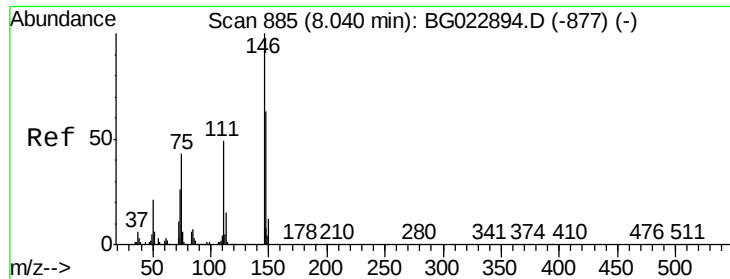
Ion Ratio Lower Upper

93 100

63 75.4 55.0 95.0

95 29.9 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 39.58 ng

RT: 8.038 min Scan# 88

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

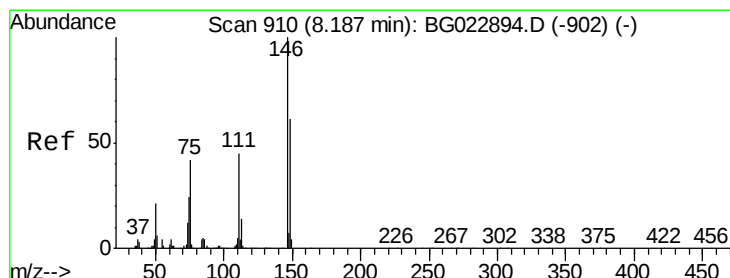
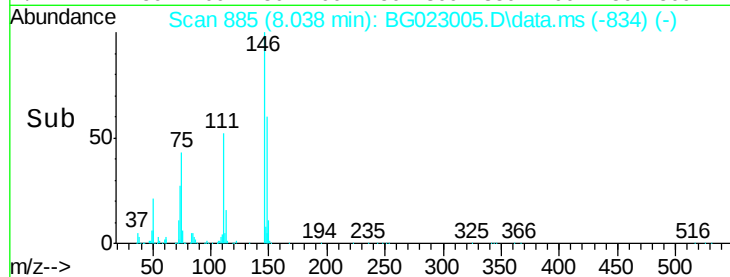
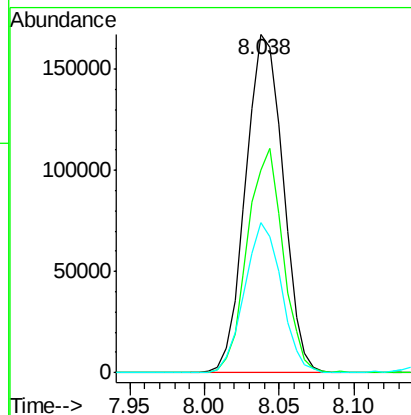
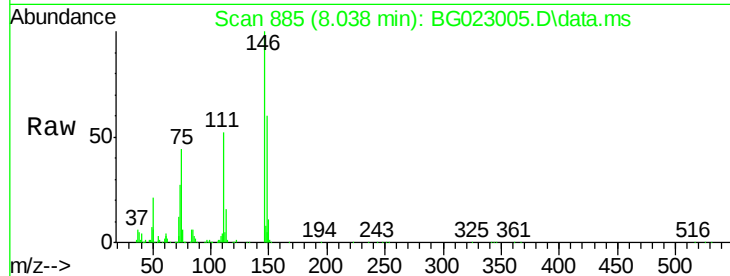
Tot Ion:146 Resp: 290378

Ion Ratio Lower Upper

146 100

148 59.9 50.3 75.5

75 44.2 37.0 55.6



#13

1,4-Dichlorobenzene

Concen: 41.19 ng

RT: 8.185 min Scan# 910

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

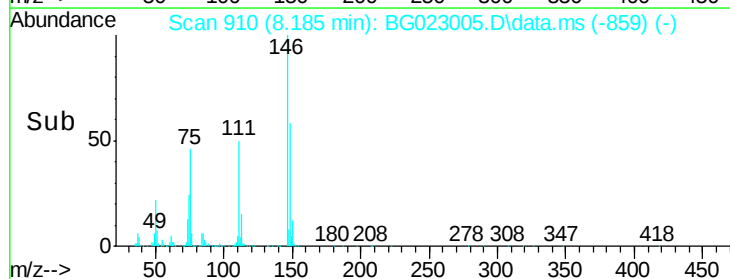
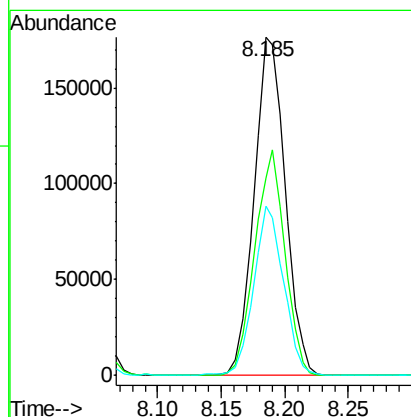
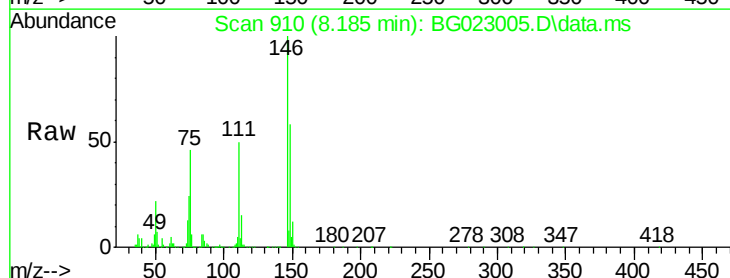
Tgt Ion:146 Resp: 302502

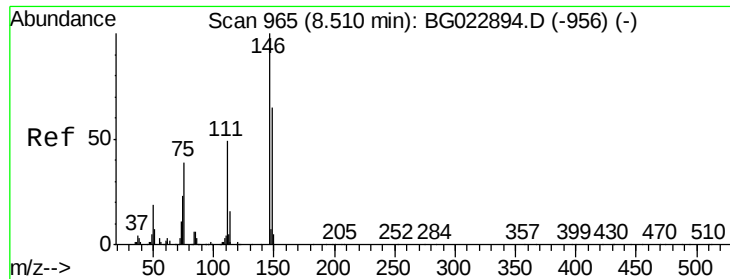
Ion Ratio Lower Upper

146 100

148 58.5 54.5 81.7

111 50.1 37.8 56.8

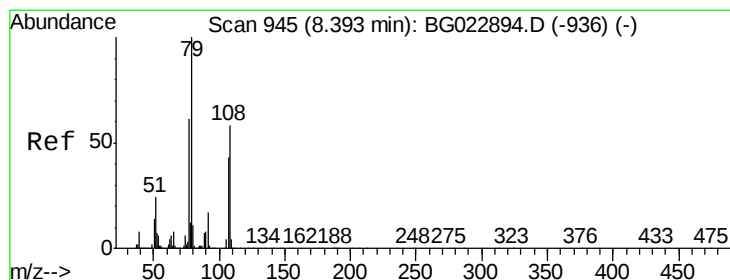
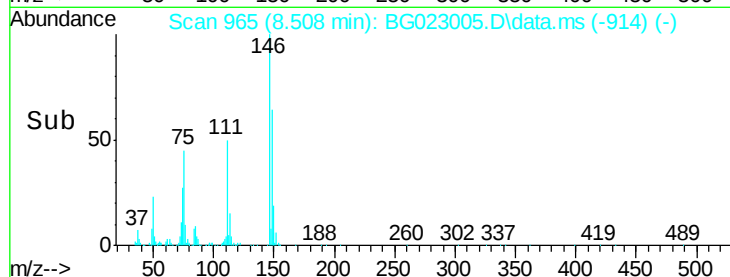
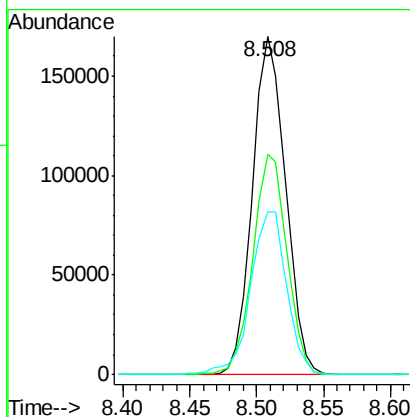
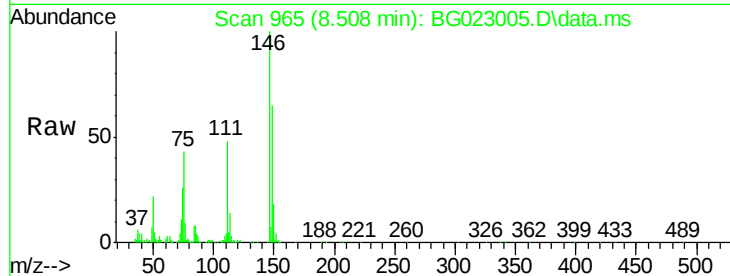




#14
1,2-Dichlorobenzene
Concen: 39.74 ng
RT: 8.508 min Scan# 96
Delta R.T. -0.002 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

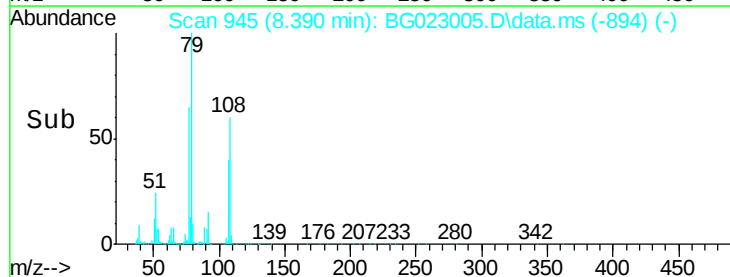
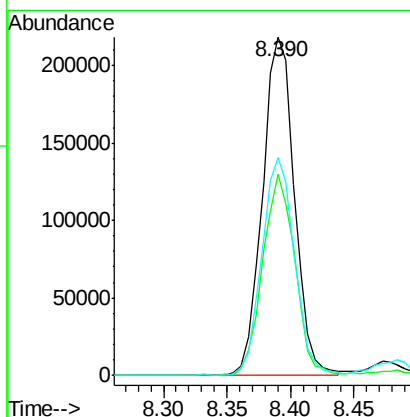
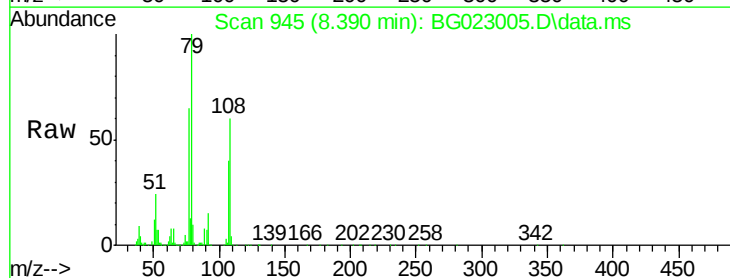
Instrument :
BNA_G
ClientSampleId :
PB92015BS

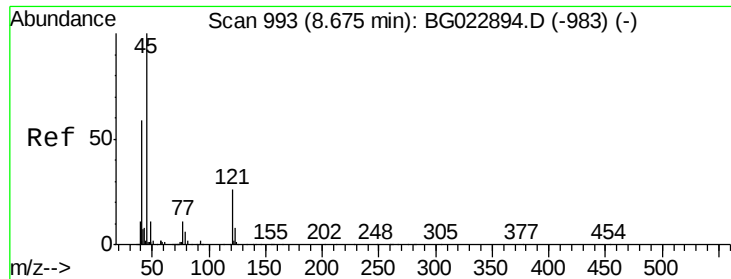
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.9	79.3
111	48.2	43.5	65.3



#15
Benzyl Alcohol
Concen: 47.24 ng
RT: 8.390 min Scan# 945
Delta R.T. -0.002 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
79	100		
108	59.5	46.5	69.7
77	64.5	52.3	78.5

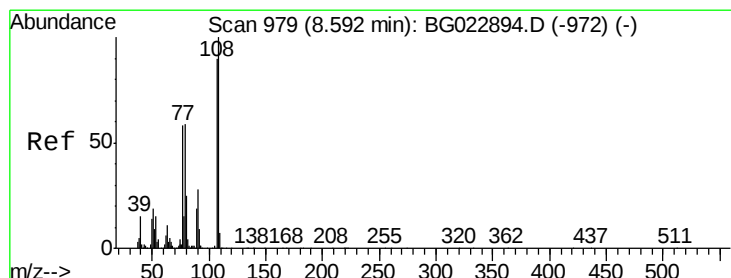
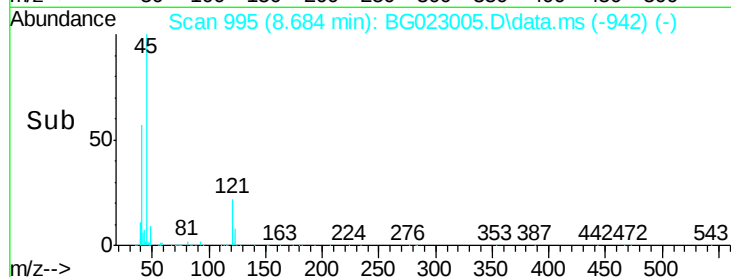
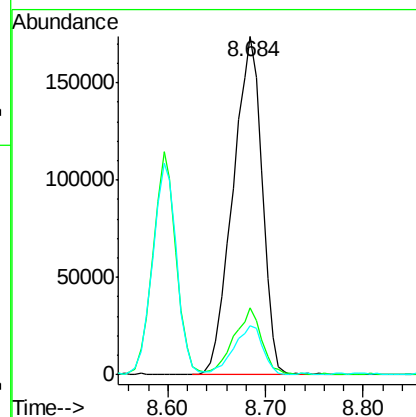
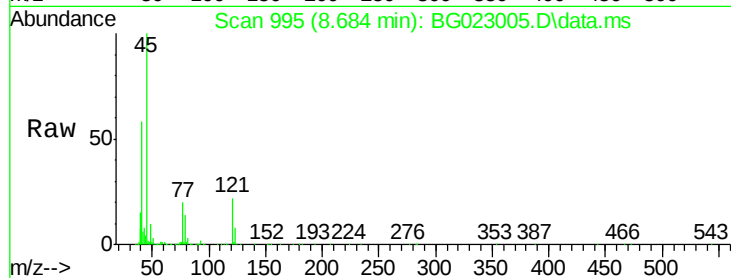




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.95 ng
RT: 8.684 min Scan# 99
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

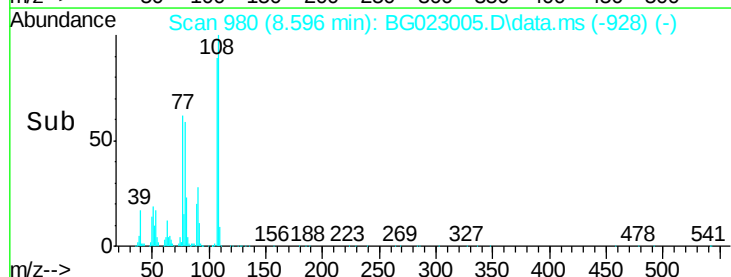
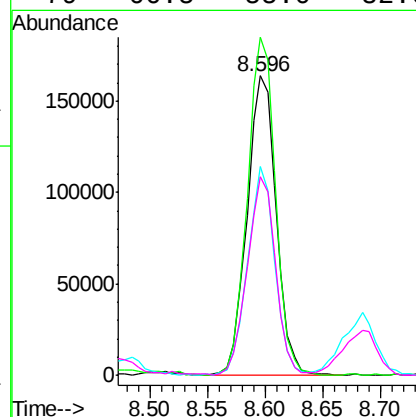
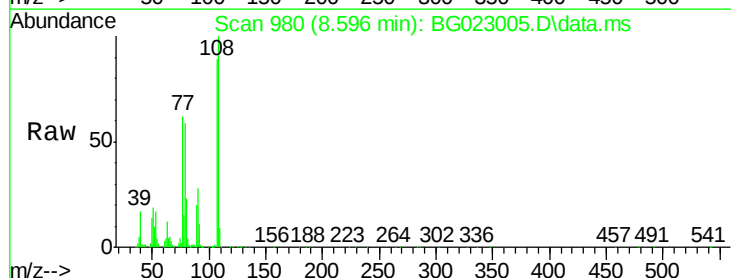
Instrument :
BNA_G
ClientSampleId :
PB92015BS

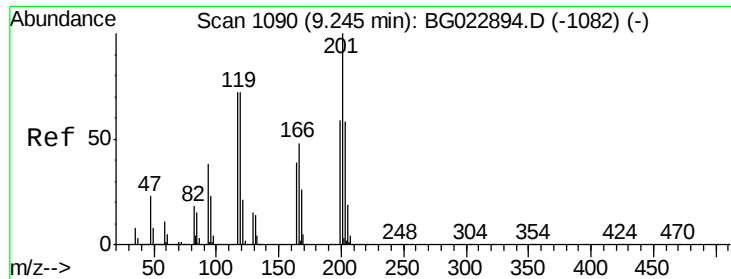
Tot Ion	Ratio	Lower	Upper
45	100		
77	19.8	0.6	40.6
79	14.3	0.0	36.2



#17
2-Methylphenol
Concen: 48.52 ng
RT: 8.596 min Scan# 980
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	92.0	138.0
77	69.8	55.8	83.6
79	66.5	55.0	82.6

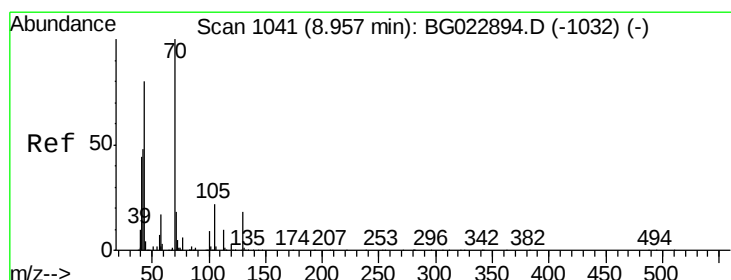
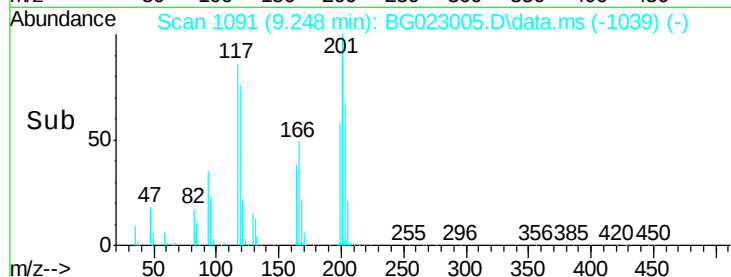
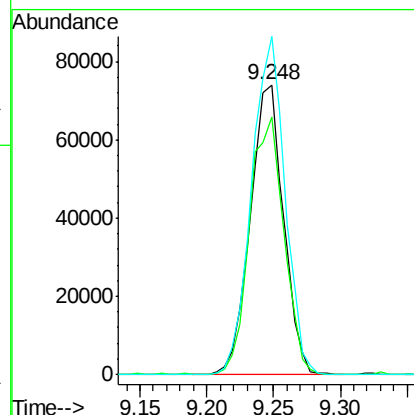
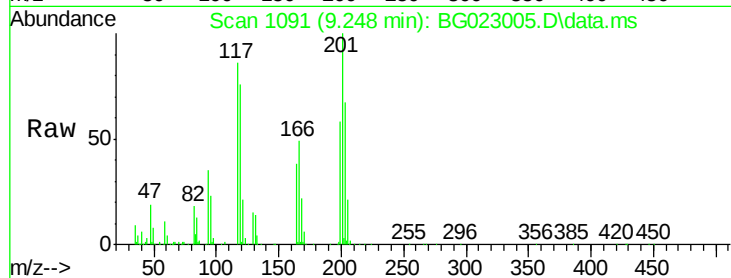




#18
Hexachloroethane
Concen: 40.91 ng
RT: 9.248 min Scan# 1091
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

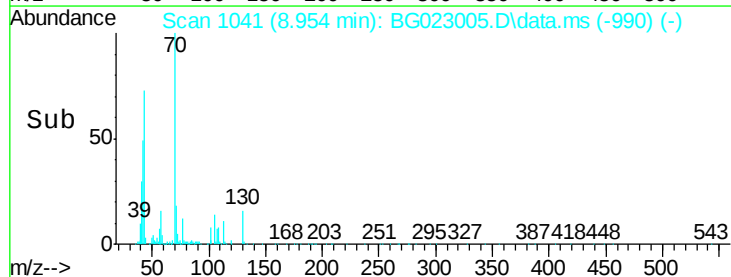
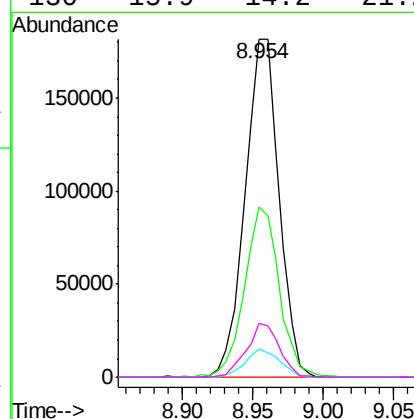
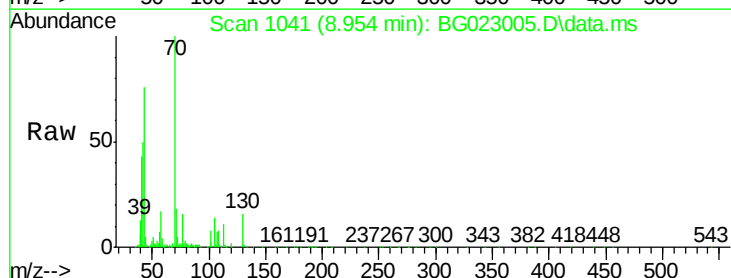
Instrument :
BNA_G
ClientSampleId :
PB92015BS

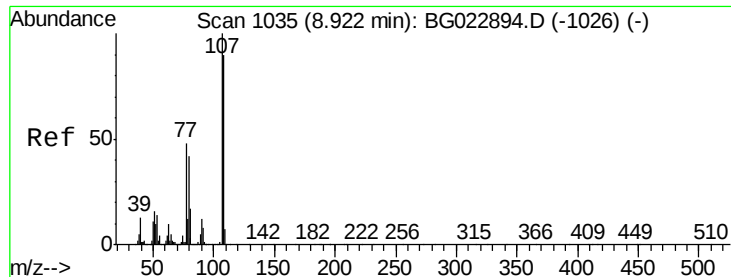
Tot Ion:117 Resp: 126839
Ion Ratio Lower Upper
117 100
119 88.7 73.7 110.5
201 116.7 88.7 133.1



#19
n-Nitroso-di-n-propylamine
Concen: 38.53 ng
RT: 8.954 min Scan# 1041
Delta R.T. -0.002 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion: 70 Resp: 306431
Ion Ratio Lower Upper
70 100
42 50.3 42.1 63.1
101 8.3 7.2 10.8
130 15.9 14.2 21.2

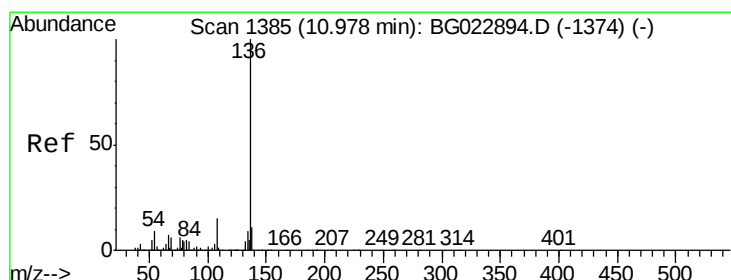
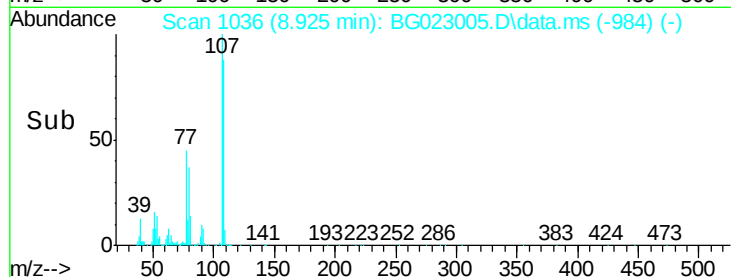
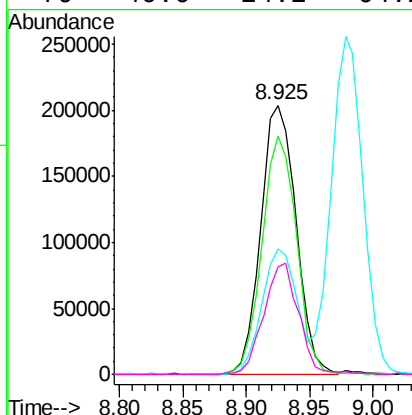
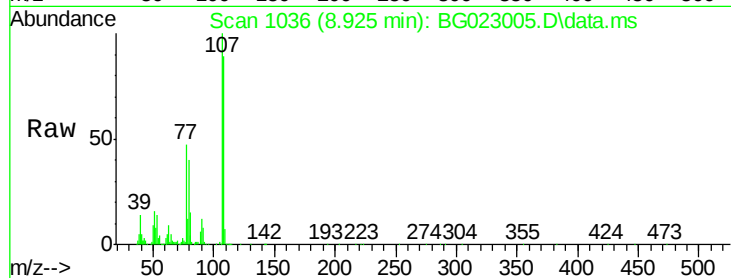




#20
3+4-Methylphenols
Concen: 48.11 ng
RT: 8.925 min Scan# 1035
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

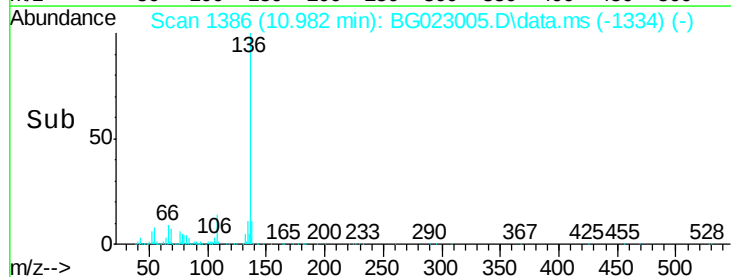
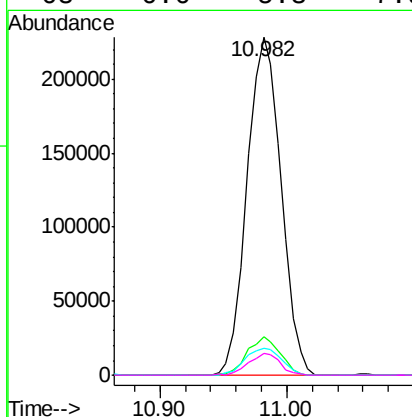
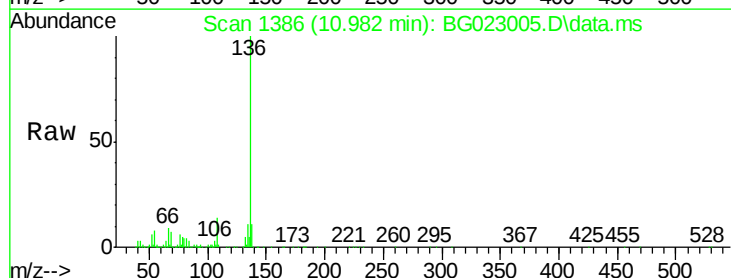
Instrument :
BNA_G
ClientSampleId :
PB92015BS

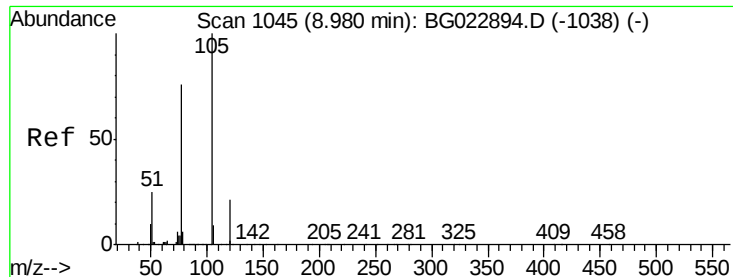
Tot Ion:	107	Resp:	396420
Ion Ratio	Lower	Upper	
107	100		
108	88.7	72.5	112.5
77	46.7	30.1	70.1
79	40.0	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.982 min Scan# 1386
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:	136	Resp:	426173
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.6	14.4
54	8.2	7.3	10.9
68	6.6	5.3	7.9





#22

Acetophenone

Concen: 38.96 ng

RT: 8.978 min Scan# 1045

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

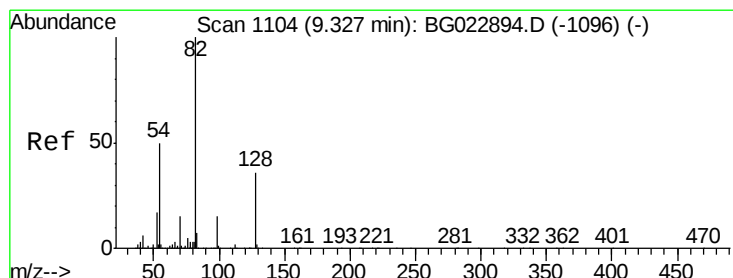
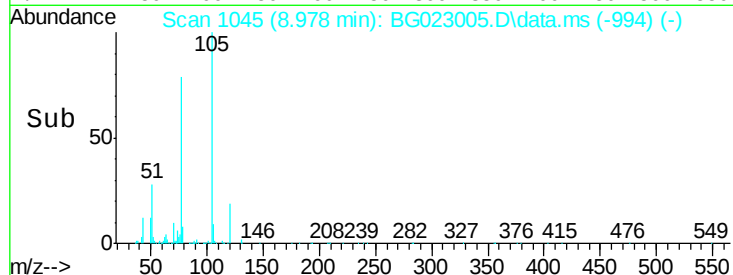
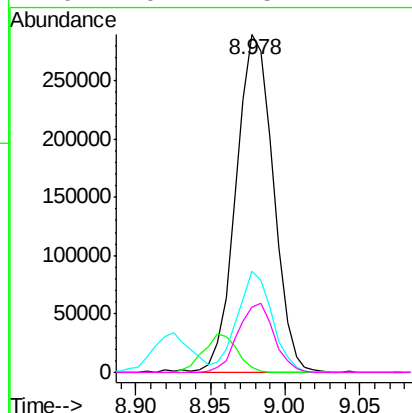
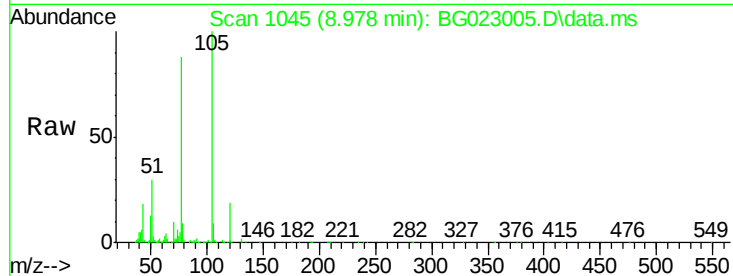
Instrument :

BNA_G

ClientSampleId :

PB92015BS

Tot Ion:	105	Resp:	498263
Ion Ratio	Lower	Upper	
105	100		
71	1.6	2.6	3.8#
51	30.0	27.1	40.7
120	19.4	15.1	22.7



#23

Nitrobenzene-d5

Concen: 85.59 ng

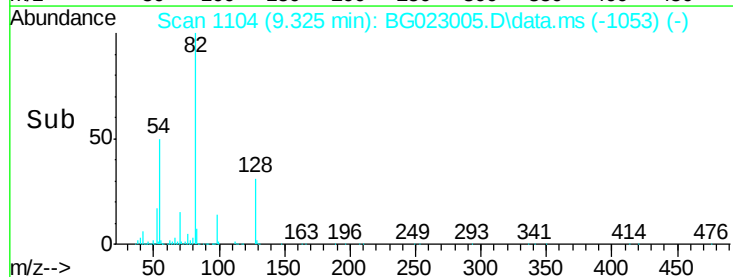
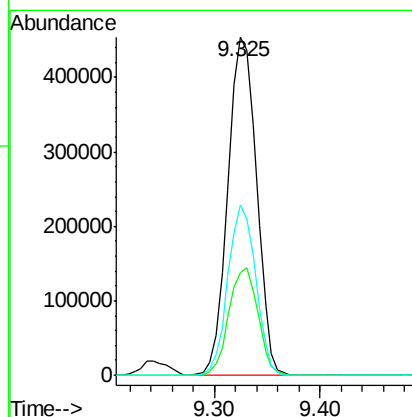
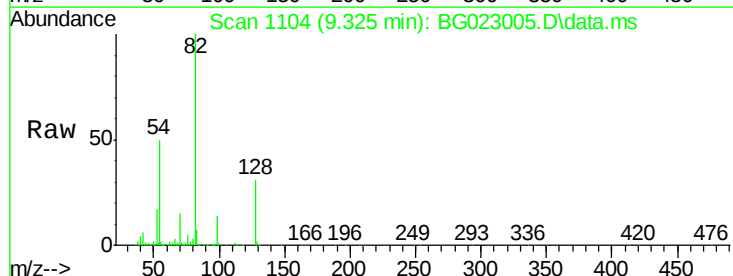
RT: 9.325 min Scan# 1104

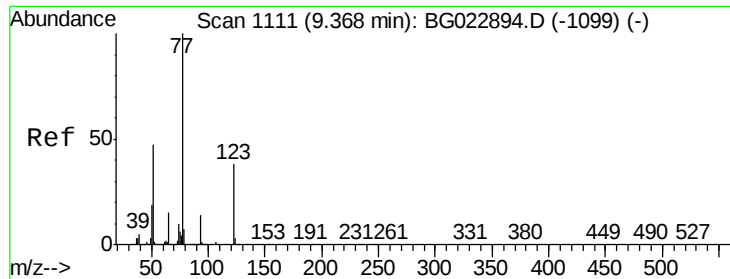
Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Tgt Ion:	82	Resp:	851815
Ion Ratio	Lower	Upper	
82	100		
128	30.5	24.4	36.6
54	50.3	41.4	62.0

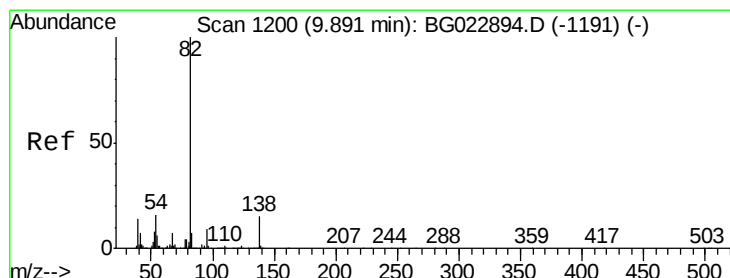
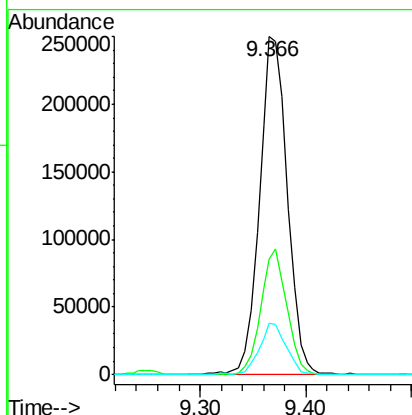
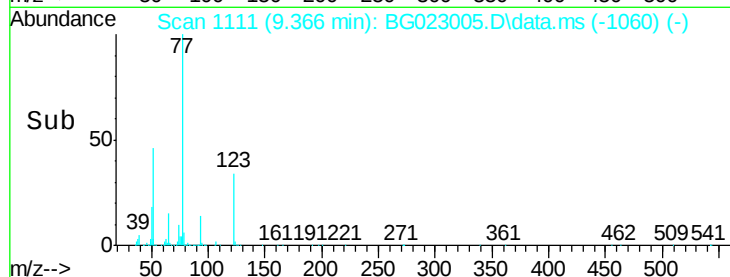
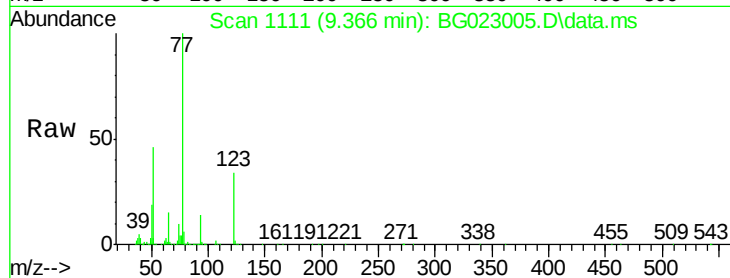




#24
Nitrobenzene
Concen: 43.17 ng
RT: 9.366 min Scan# 1111
Delta R.T. -0.002 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

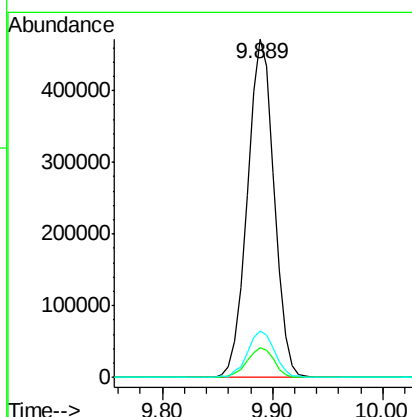
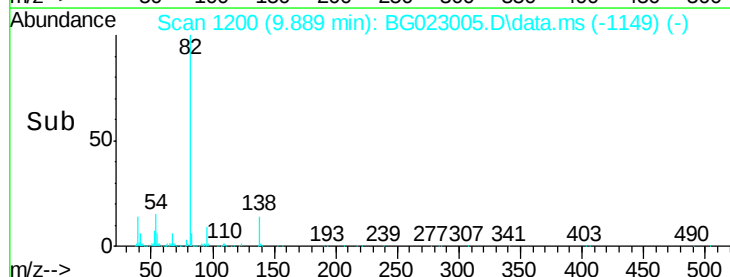
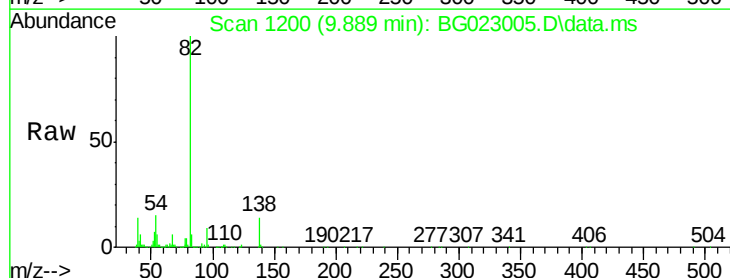
Instrument :
BNA_G
ClientSampleId :
PB92015BS

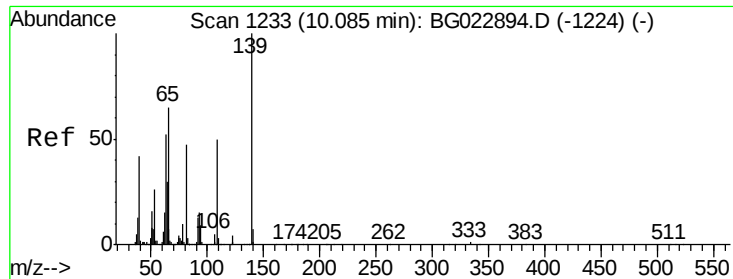
Tot Ion:	77	Resp:	456557
Ion Ratio	Lower	Upper	
77	100		
123	34.0	25.0	37.6
65	15.0	13.4	20.0



#25
Isophorone
Concen: 39.98 ng
RT: 9.889 min Scan# 1200
Delta R.T. -0.002 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:	82	Resp:	800306
Ion Ratio	Lower	Upper	
82	100		
95	8.6	8.2	12.2
138	13.9	10.7	16.1

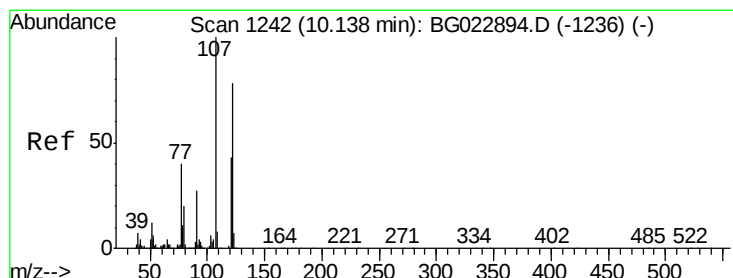
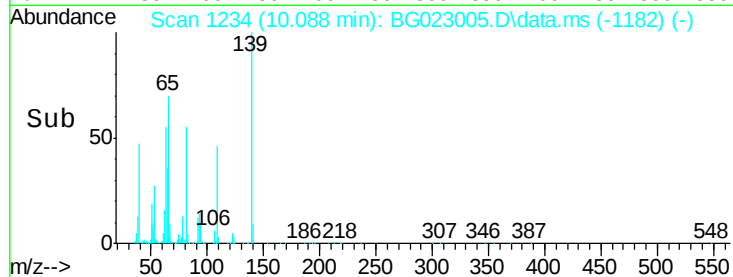
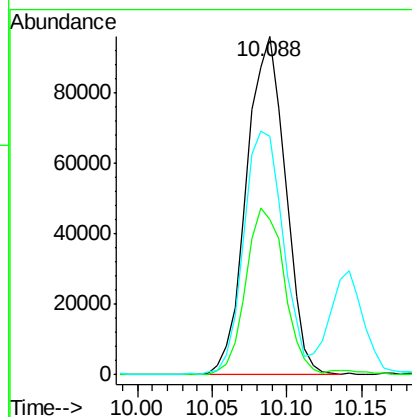
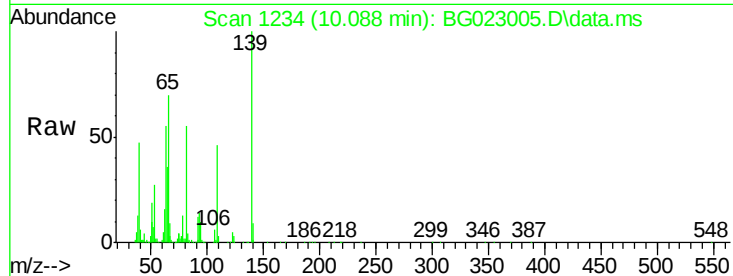




#26
2-Nitrophenol
Concen: 41.58 ng
RT: 10.088 min Scan# 1233
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

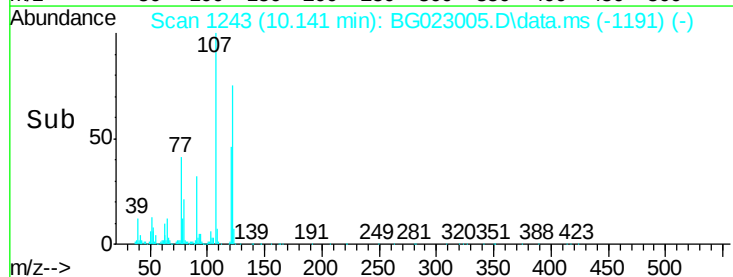
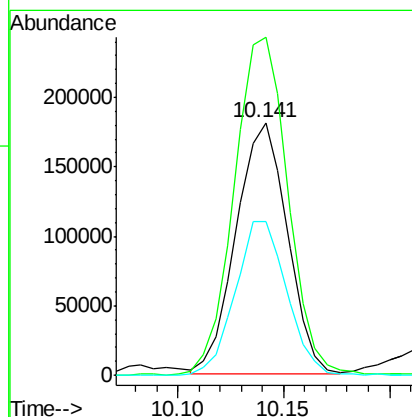
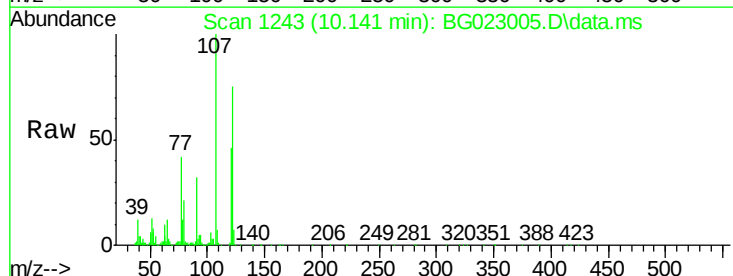
Instrument :
BNA_G
ClientSampleId :
PB92015BS

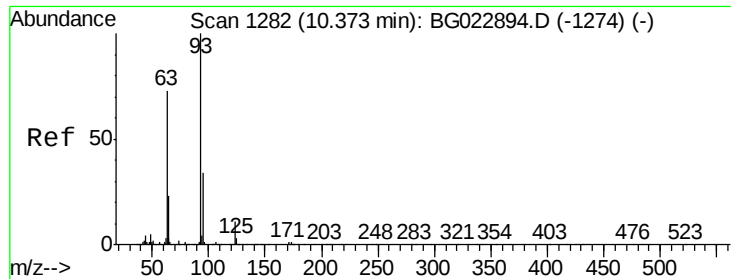
Tot Ion:139 Resp: 172539
Ion Ratio Lower Upper
139 100
109 46.0 43.5 65.3
65 70.4 64.3 96.5



#27
2,4-Dimethylphenol
Concen: 42.49 ng
RT: 10.141 min Scan# 1243
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:122 Resp: 304795
Ion Ratio Lower Upper
122 100
107 133.8 117.0 175.4
121 60.9 50.1 75.1

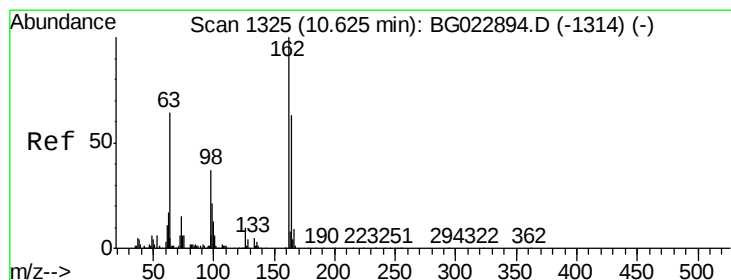
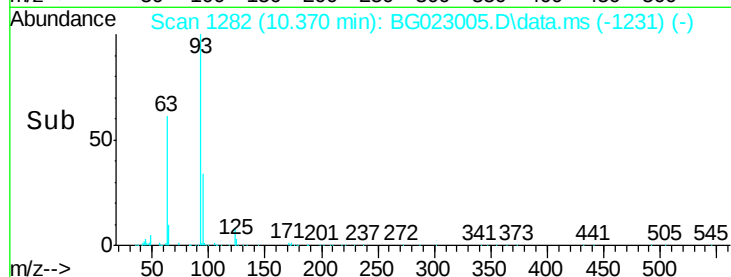
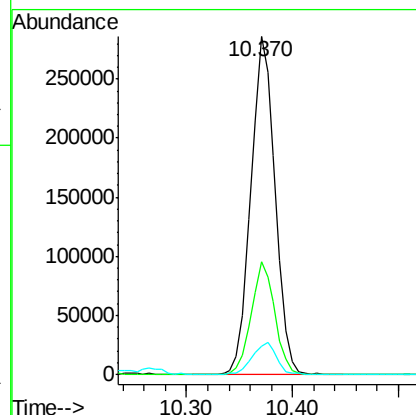
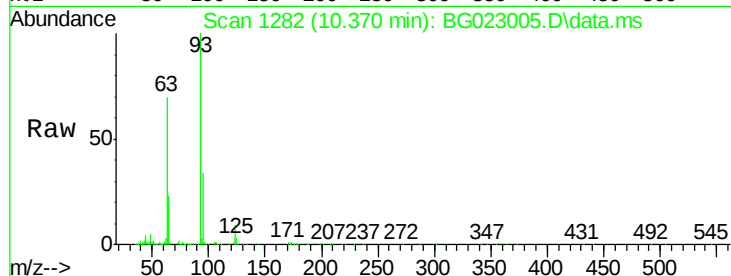




#28
bis(2-Chloroethoxy)methane
Concen: 40.83 ng
RT: 10.370 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

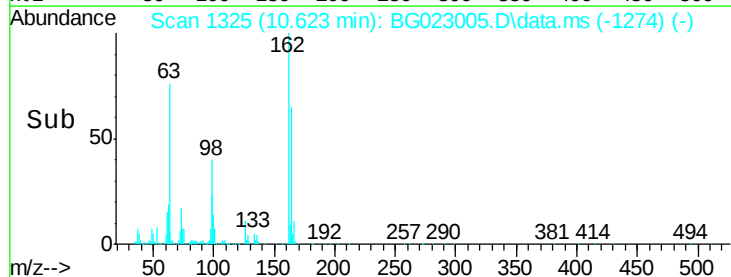
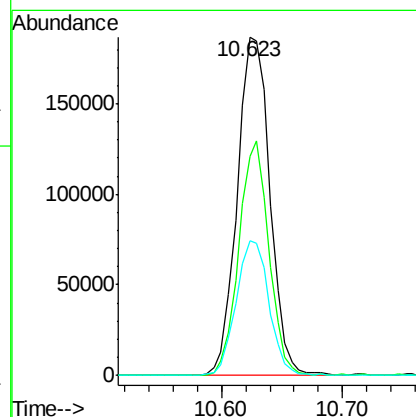
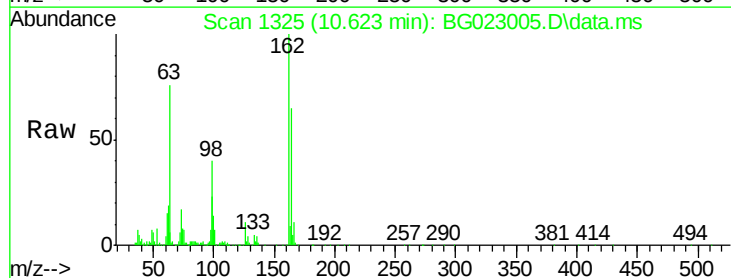
Instrument :
BNA_G
ClientSampleId :
PB92015BS

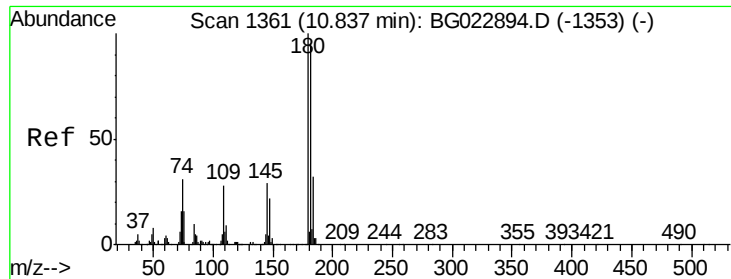
Tot Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.4	38.2
123	8.6	8.2	12.2



#29
2,4-Dichlorophenol
Concen: 46.08 ng
RT: 10.623 min Scan# 1325
Delta R.T. -0.002 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	39.8	19.5	59.5

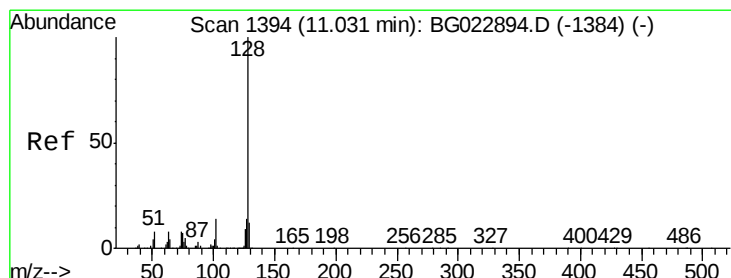
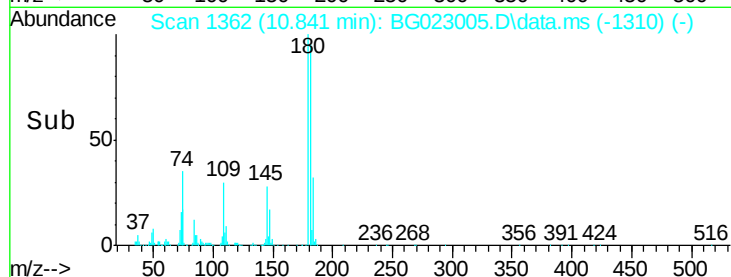
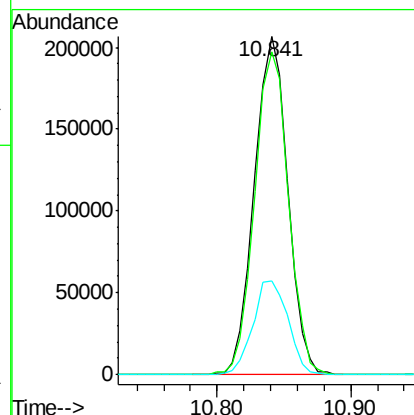
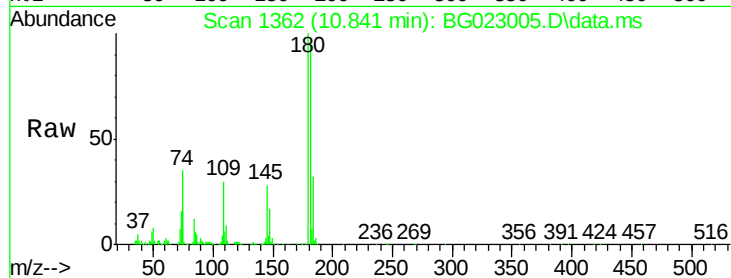




#30
 1,2,4-Trichlorobenzene
 Concen: 40.70 ng
 RT: 10.841 min Scan# 1361
 Delta R.T. 0.004 min
 Lab File: BG023005.D
 Acq: 11 Jul 2016 17:58

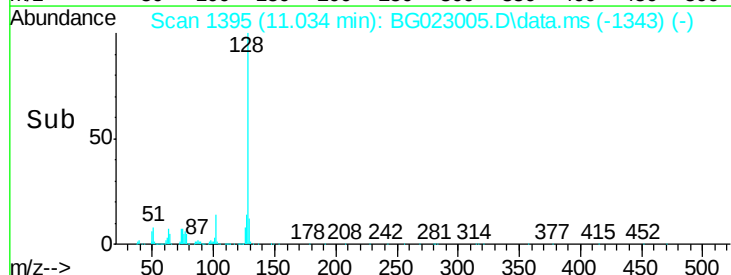
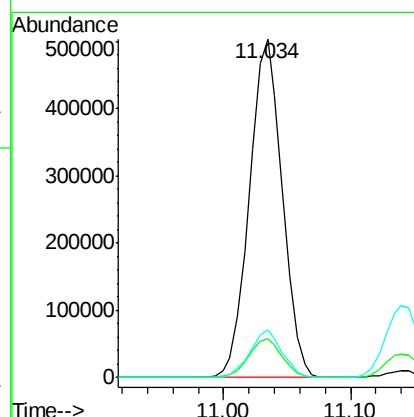
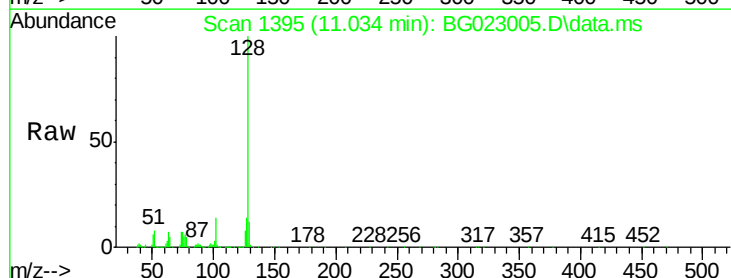
Instrument :
 BNA_G
 ClientSampleId :
 PB92015BS

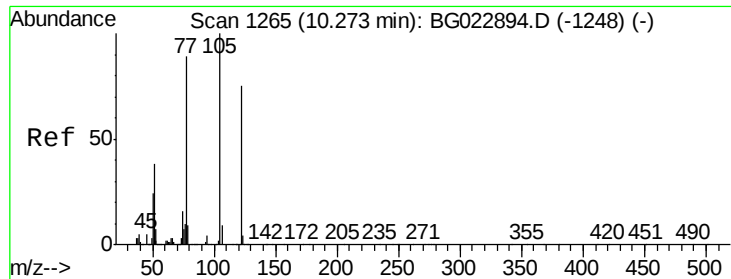
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	110.8
145	27.8	24.4	36.6



#31
 Naphthalene
 Concen: 41.66 ng
 RT: 11.034 min Scan# 1395
 Delta R.T. 0.004 min
 Lab File: BG023005.D
 Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.0	11.3	16.9





#32

Benzoic acid

Concen: 30.54 ng

RT: 10.271 min Scan# 12

Delta R.T. -0.002 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

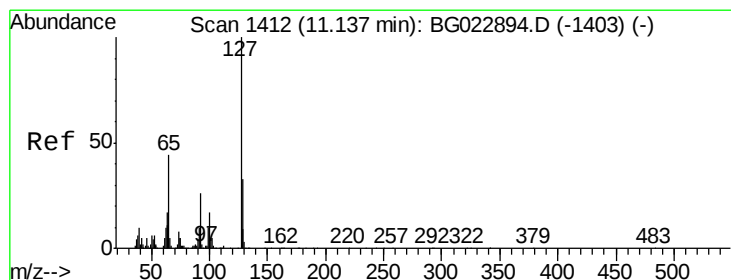
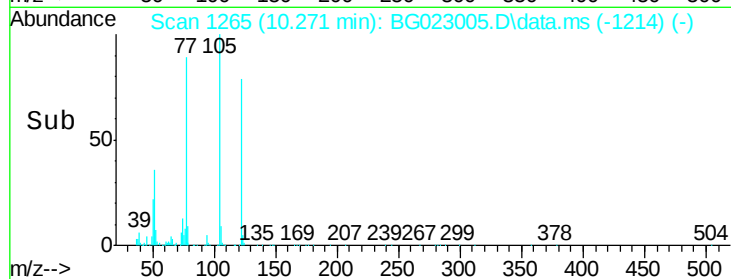
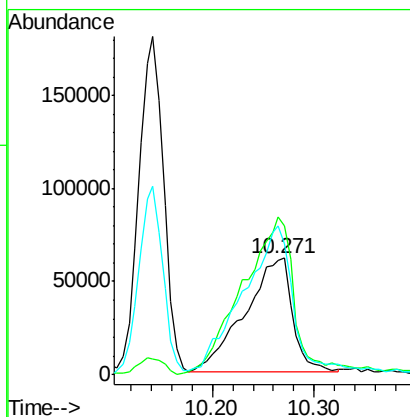
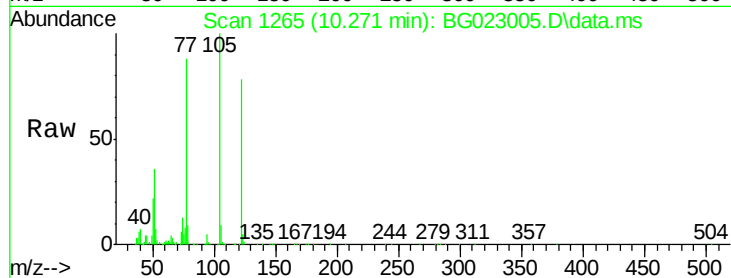
Tot Ion:122 Resp: 199277

Ion Ratio Lower Upper

122 100

105 128.2 117.2 157.2

77 112.7 109.2 149.2



#33

4-Chloroaniline

Concen: 19.50 ng

RT: 11.140 min Scan# 1413

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Tgt Ion:127 Resp: 206888

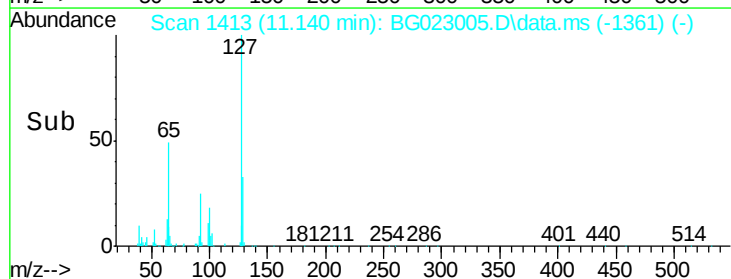
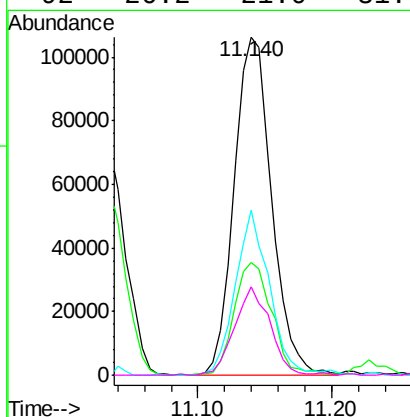
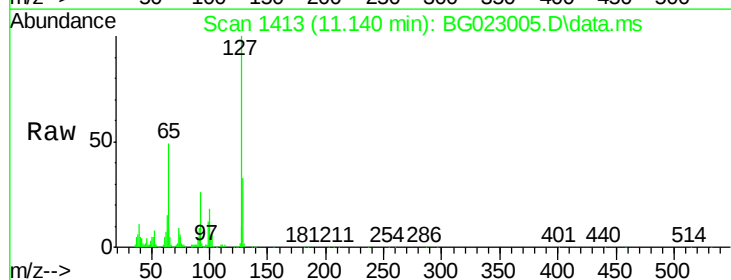
Ion Ratio Lower Upper

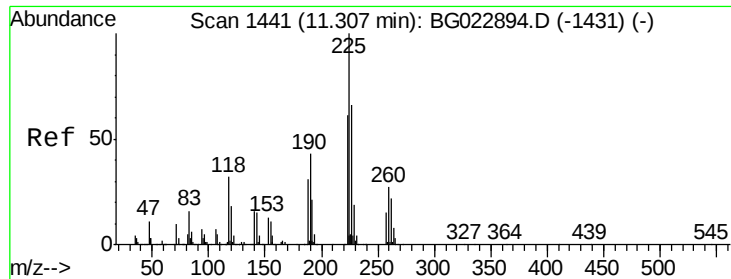
127 100

129 33.2 27.9 41.9

65 48.8 36.8 55.2

92 26.2 21.0 31.6

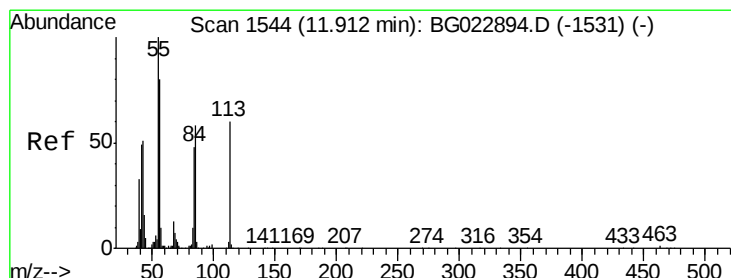
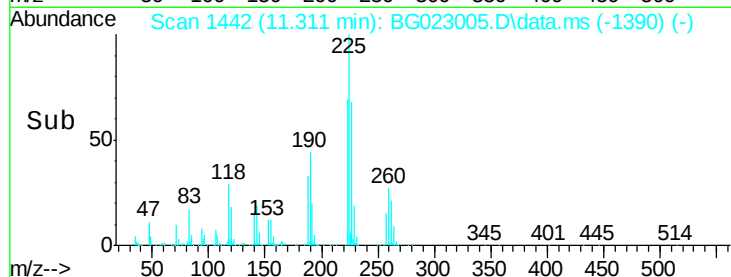
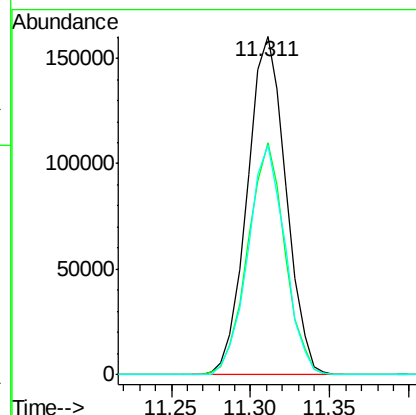
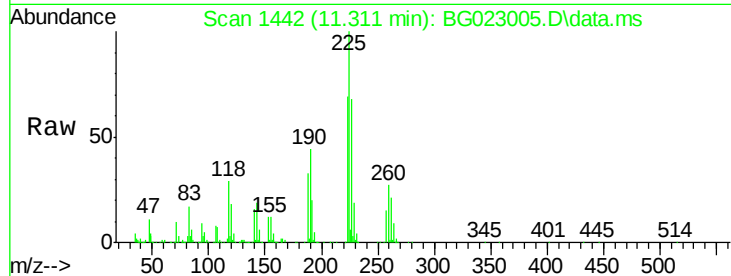




#34
Hexachlorobutadiene
Concen: 38.17 ng
RT: 11.311 min Scan# 1441
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

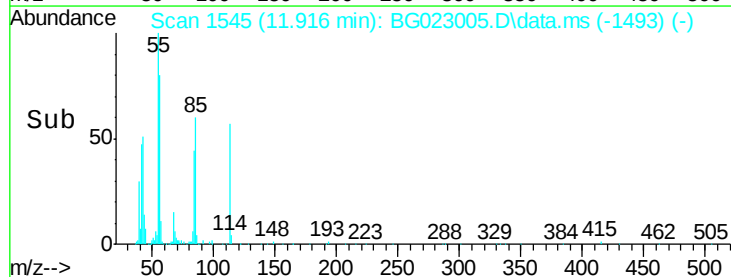
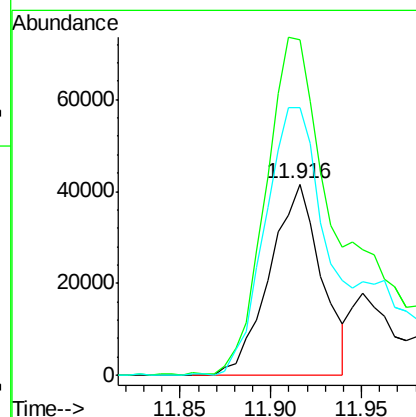
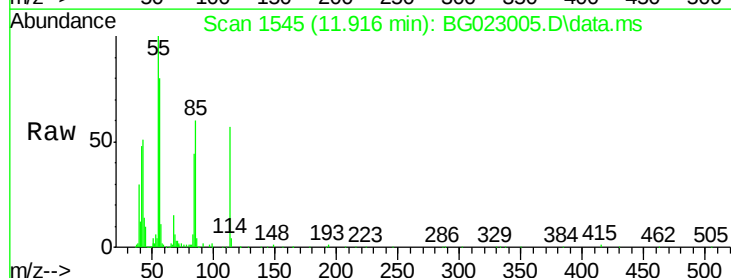
Instrument :
BNA_G
ClientSampleId :
PB92015BS

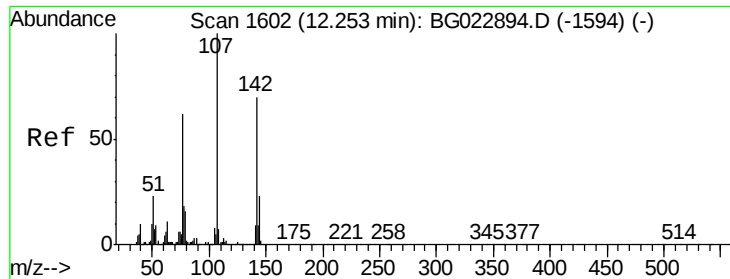
Tot Ion	Ratio	Lower	Upper
225	100		
223	68.6	49.6	74.4
227	67.8	54.5	81.7



#35
Caprolactam
Concen: 26.26 ng
RT: 11.916 min Scan# 1545
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.8	154.5	194.5
56	139.9	125.1	165.1

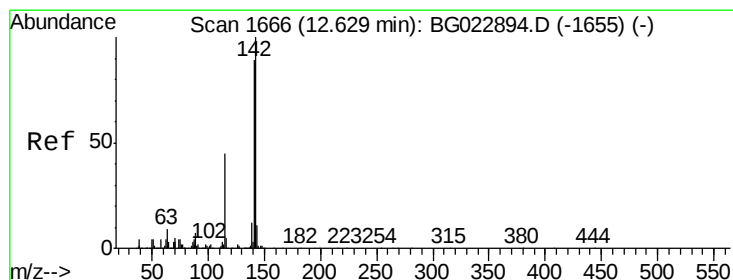
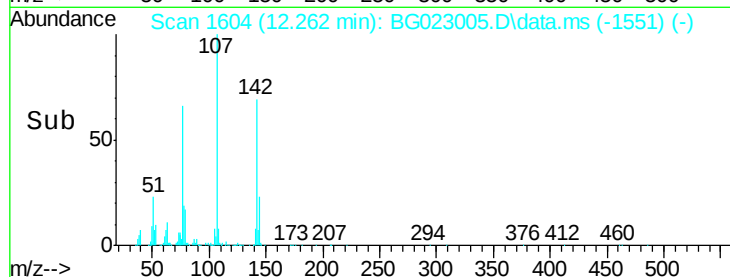
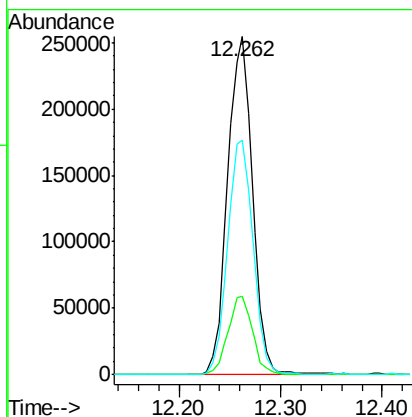
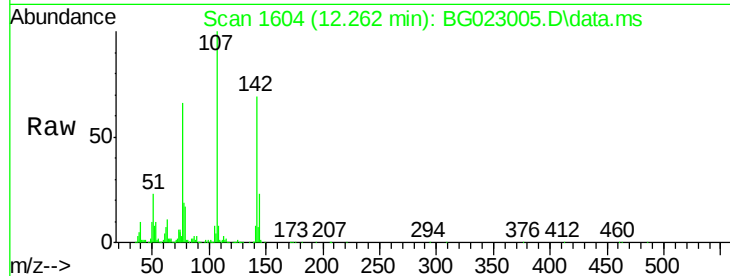




#36
4-Chloro-3-methylphenol
Concen: 41.48 ng
RT: 12.262 min Scan# 1604
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

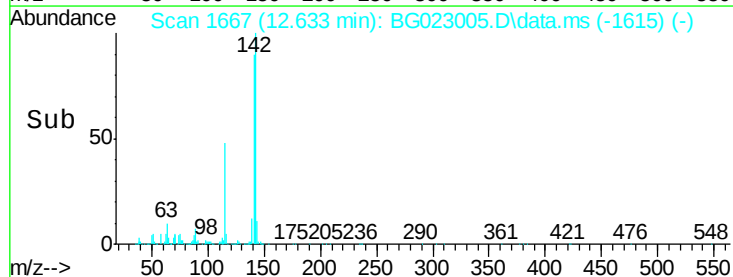
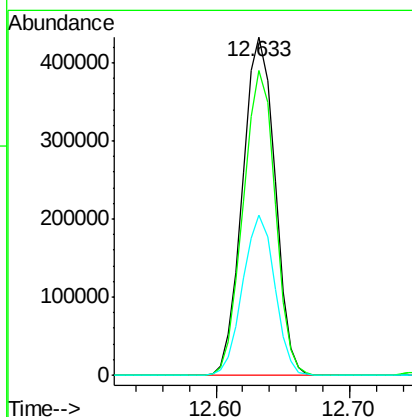
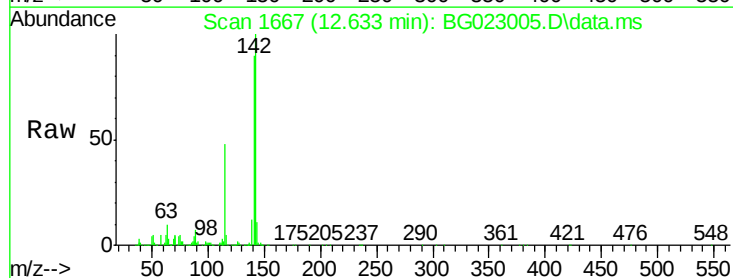
Instrument :
BNA_G
ClientSampleId :
PB92015BS

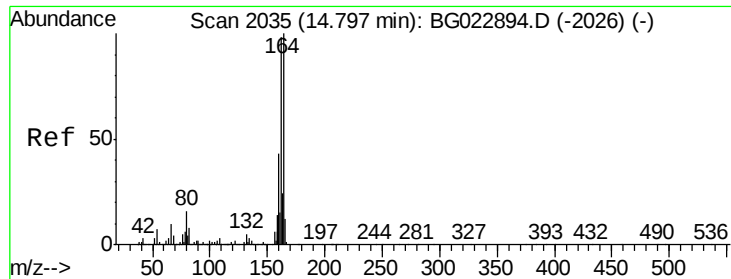
Tot Ion:107 Resp: 434075
Ion Ratio Lower Upper
107 100
144 23.1 17.0 25.6
142 69.2 53.0 79.6



#37
2-Methylnaphthalene
Concen: 42.31 ng
RT: 12.633 min Scan# 1667
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:142 Resp: 725460
Ion Ratio Lower Upper
142 100
141 90.0 70.2 105.2
115 47.5 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.801 min Scan# 20

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

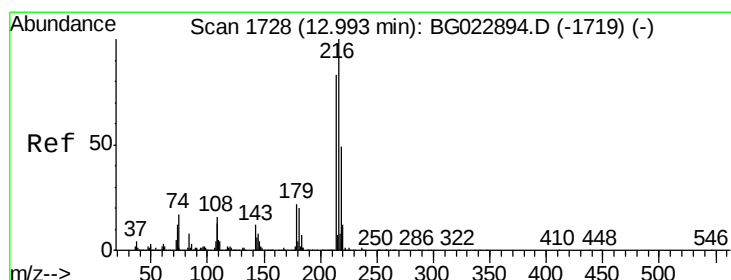
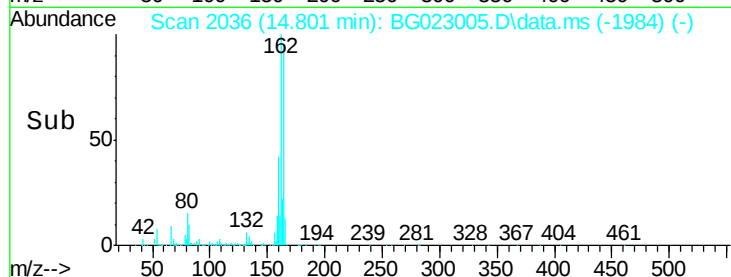
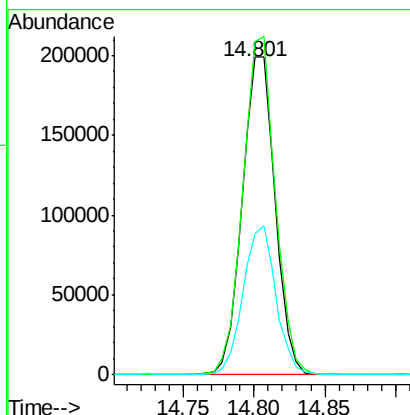
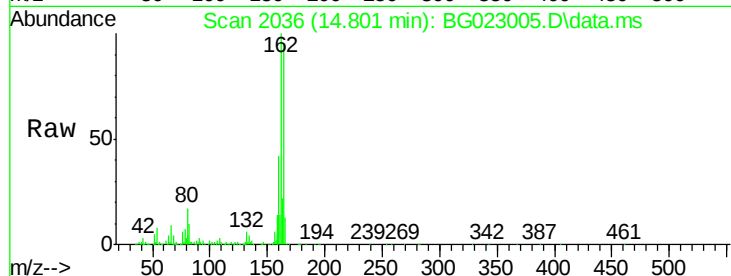
Tot Ion:164 Resp: 323687

Ion Ratio Lower Upper

164 100

162 104.8 87.7 131.5

160 44.4 37.2 55.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.17 ng

RT: 12.997 min Scan# 1729

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Tgt Ion:216 Resp: 476574

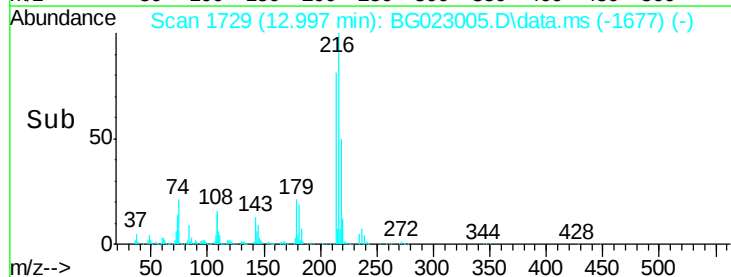
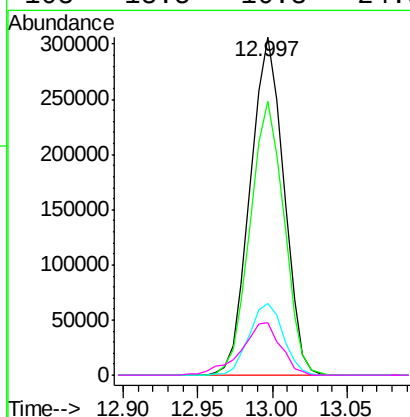
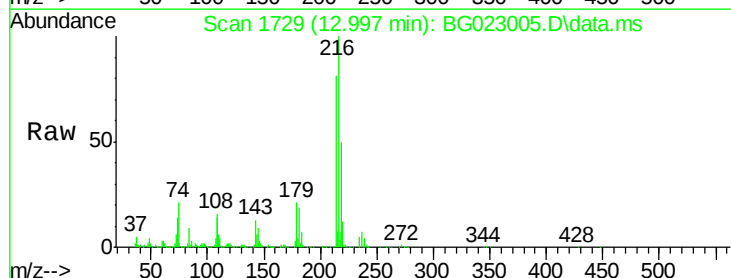
Ion Ratio Lower Upper

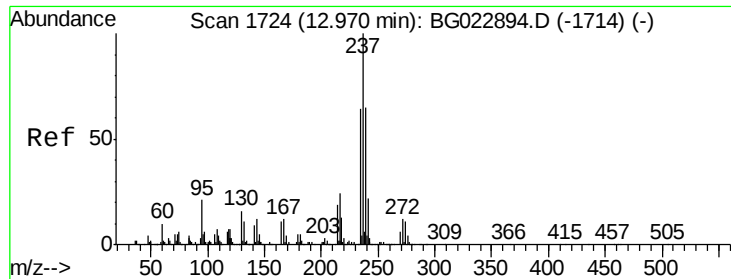
216 100

214 81.7 62.9 94.3

179 21.6 17.2 25.8

108 18.5 16.3 24.5





#40

Hexachlorocyclopentadiene

Concen: 70.69 ng

RT: 12.973 min Scan# 17

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

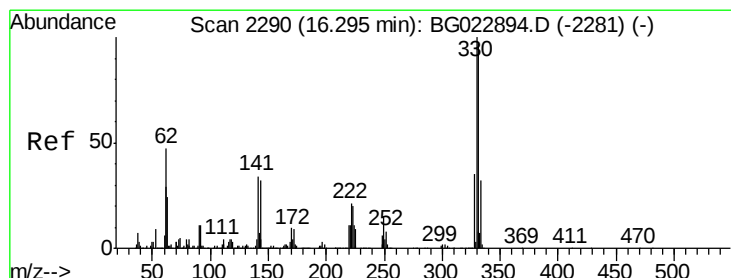
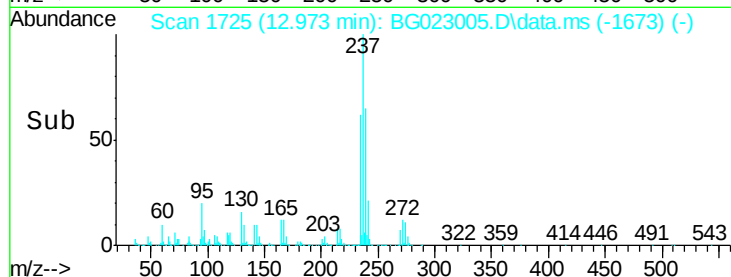
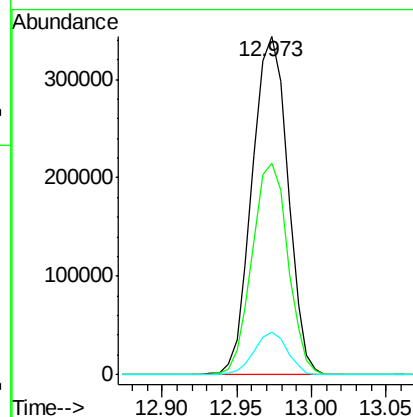
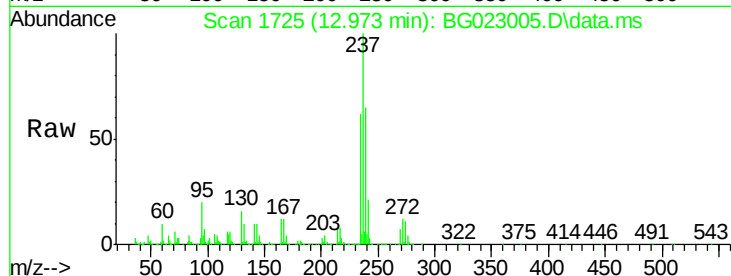
Tot Ion:237 Resp: 567607

Ion Ratio Lower Upper

237 100

235 62.5 43.1 83.1

272 12.5 0.0 30.9



#41

2,4,6-Tribromophenol

Concen: 77.20 ng

RT: 16.299 min Scan# 2291

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

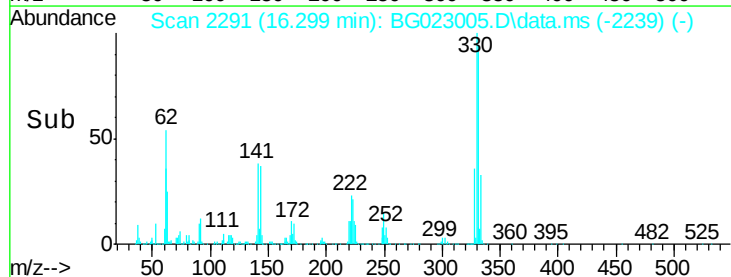
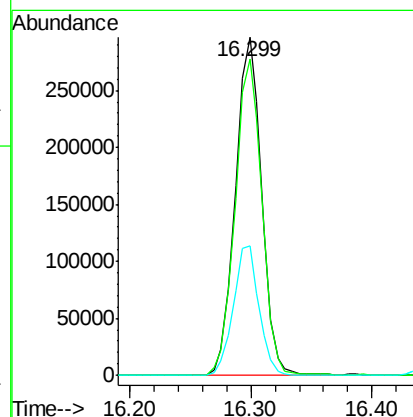
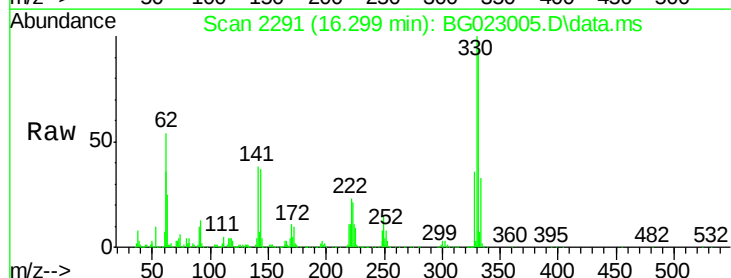
Tgt Ion:330 Resp: 449129

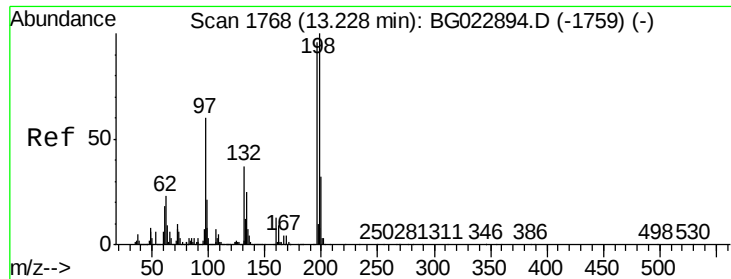
Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.2

141 37.4 31.7 47.5

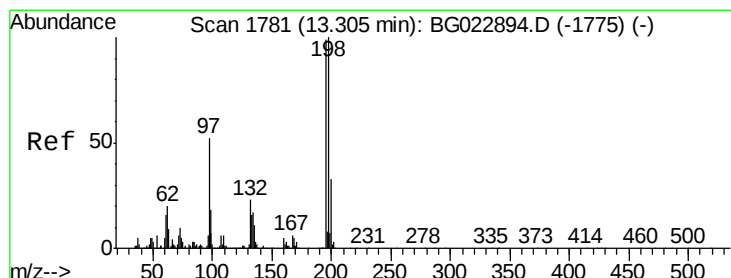
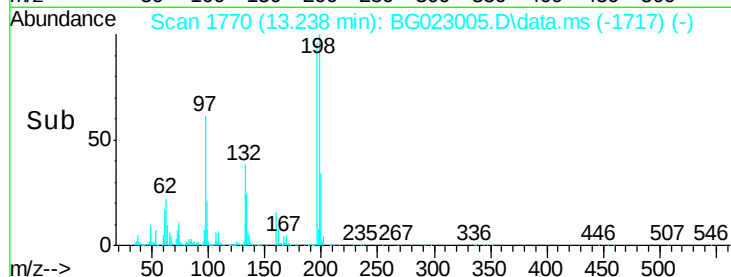
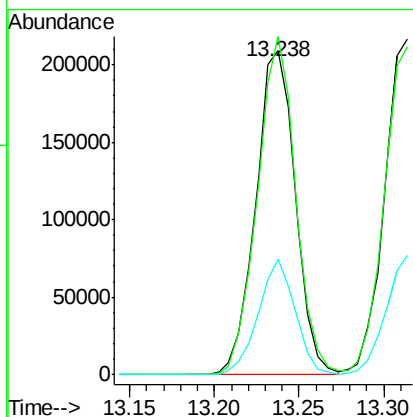
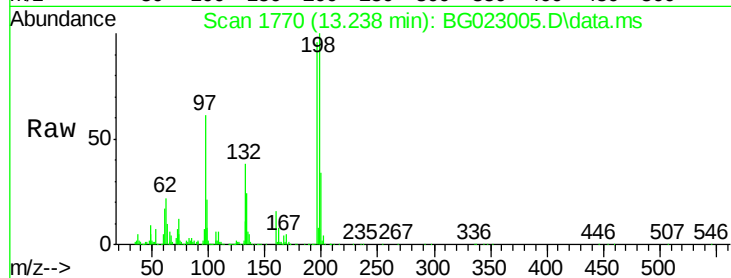




#42
2,4,6-Trichlorophenol
Concen: 42.42 ng
RT: 13.238 min Scan# 1768
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

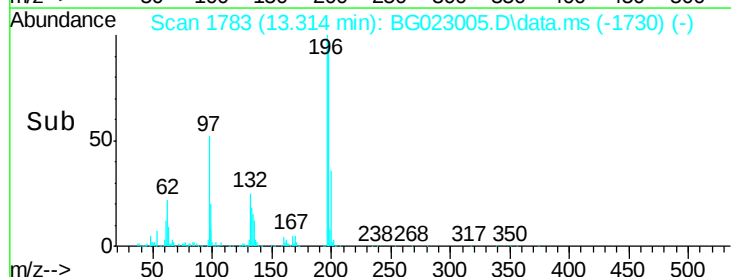
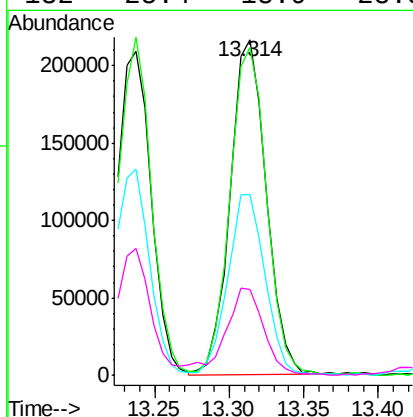
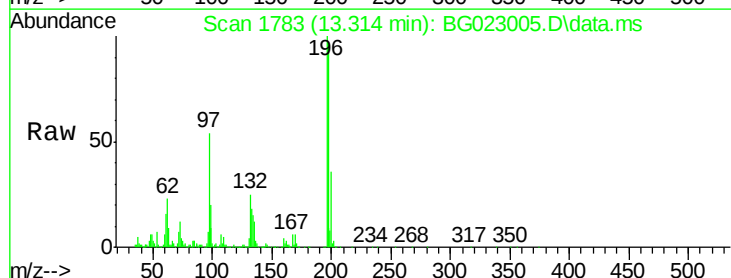
Instrument :
BNA_G
ClientSampleId :
PB92015BS

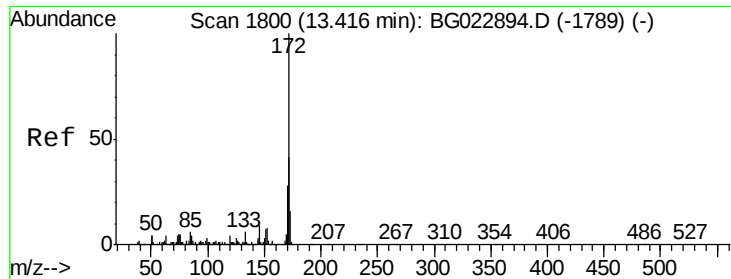
Tot Ion	Ratio	Lower	Upper
196	100		
198	104.5	78.2	117.2
200	35.6	27.0	40.4



#43
2,4,5-Trichlorophenol
Concen: 44.18 ng
RT: 13.314 min Scan# 1783
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	85.7	128.5
97	53.6	45.5	68.3
132	25.4	18.9	28.3





#44

2-Fluorobiphenyl

Concen: 85.26 ng

RT: 13.420 min Scan# 1800

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

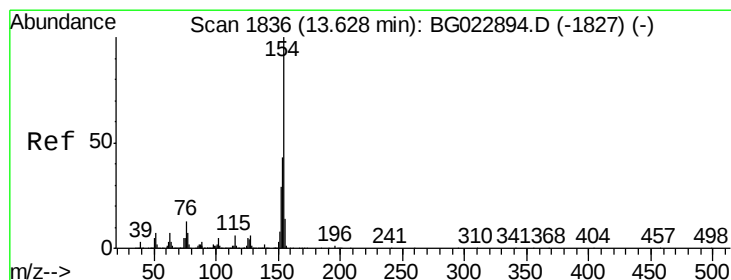
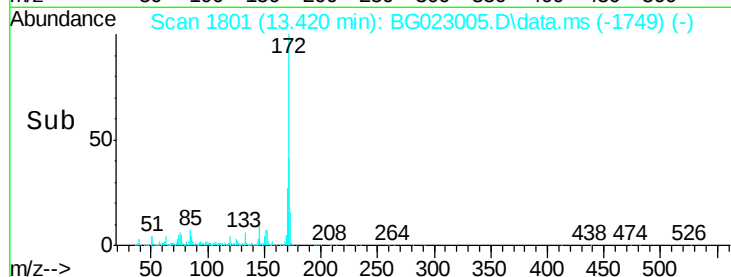
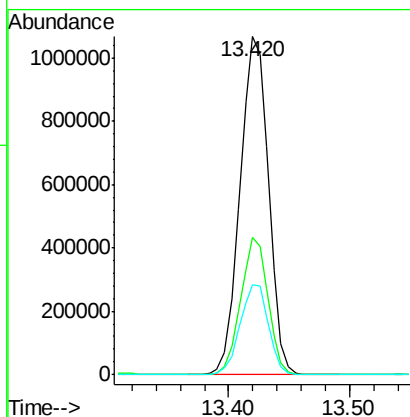
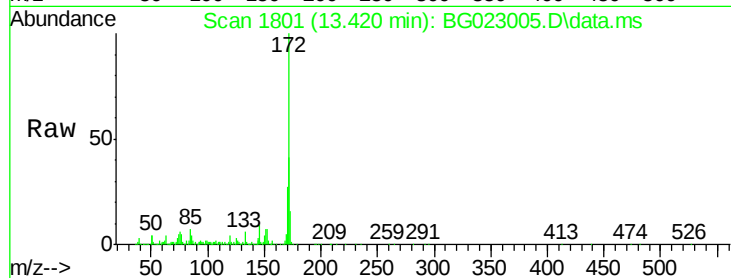
Tot Ion:172 Resp: 1752119

Ion Ratio Lower Upper

172 100

171 40.6 31.6 47.4

170 26.6 21.3 31.9



#45

1,1'-Biphenyl

Concen: 42.15 ng

RT: 13.631 min Scan# 1837

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

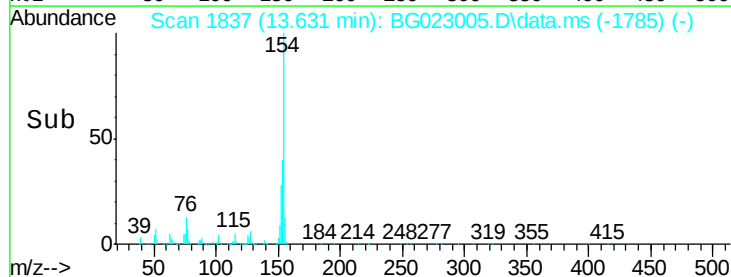
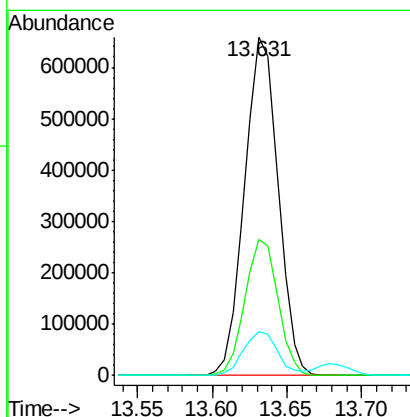
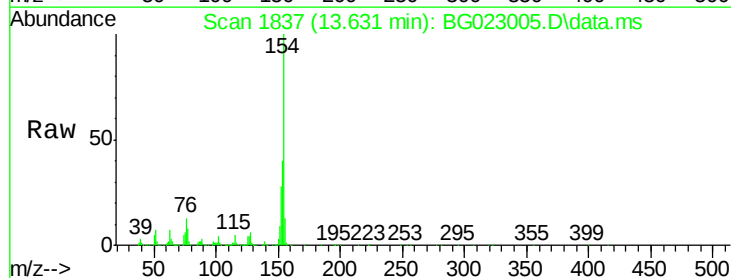
Tgt Ion:154 Resp: 1023709

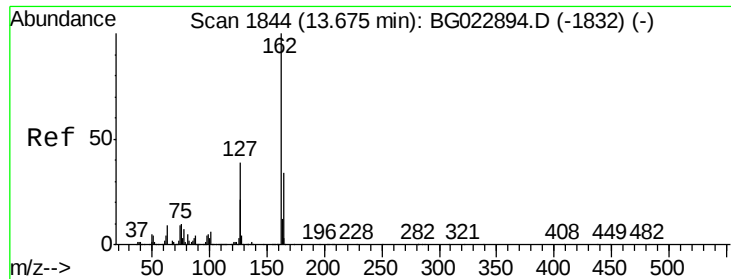
Ion Ratio Lower Upper

154 100

153 40.0 20.2 60.2

76 13.1 0.0 32.9

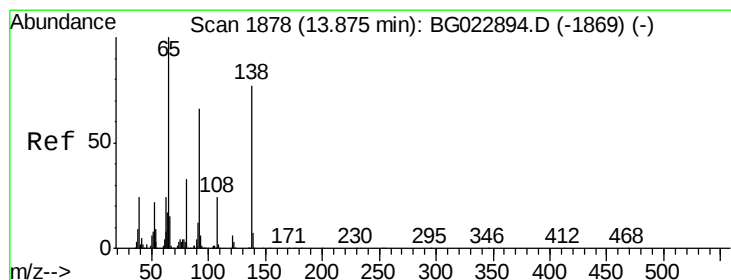
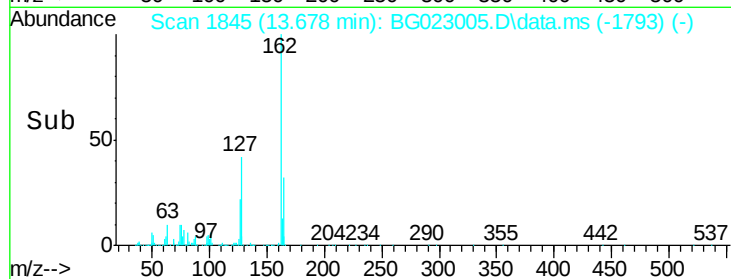
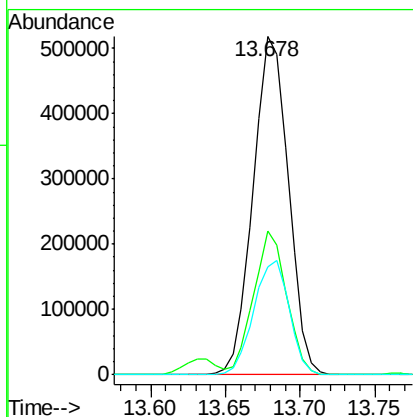
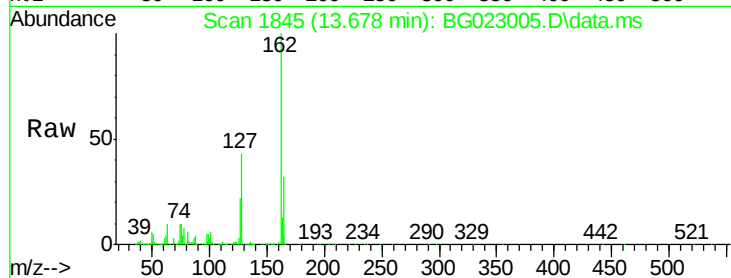




#46
2-Chloronaphthalene
Concen: 42.87 ng
RT: 13.678 min Scan# 1844
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

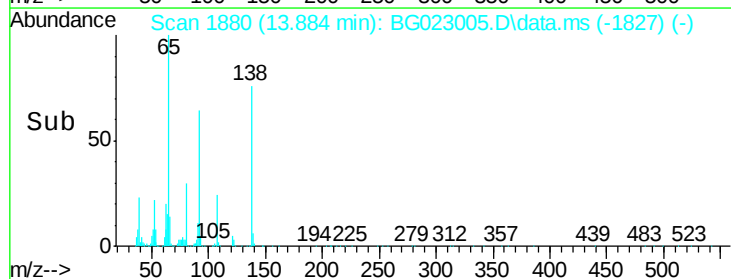
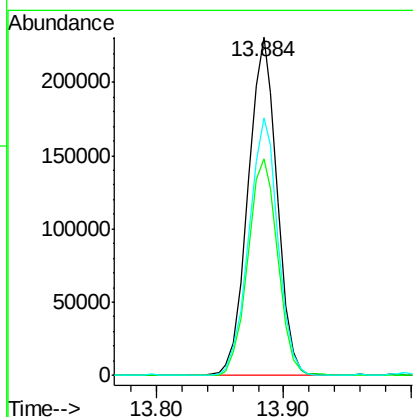
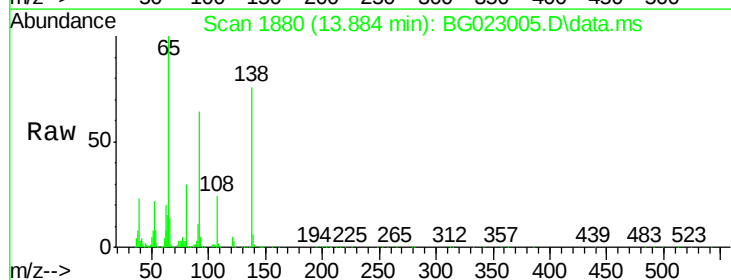
Instrument :
BNA_G
ClientSampleId :
PB92015BS

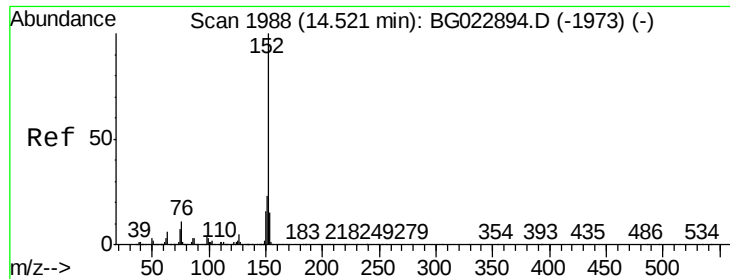
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	32.4	48.6
164	32.0	25.2	37.8



#47
2-Nitroaniline
Concen: 43.66 ng
RT: 13.884 min Scan# 1880
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	49.4	74.0
138	76.0	58.0	87.0





#48

Acenaphthylene

Concen: 43.00 ng

RT: 14.524 min Scan# 19

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

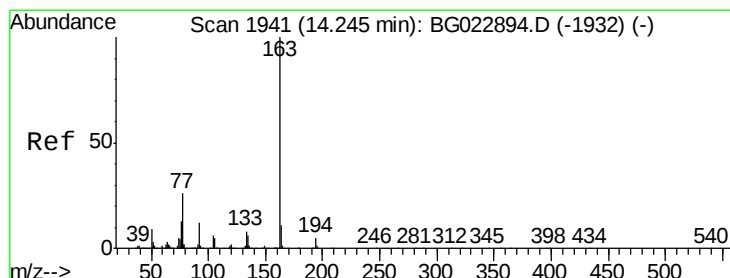
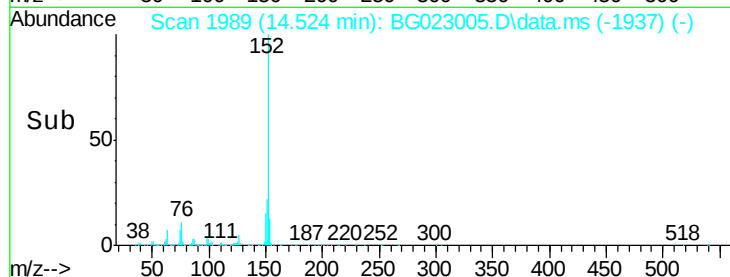
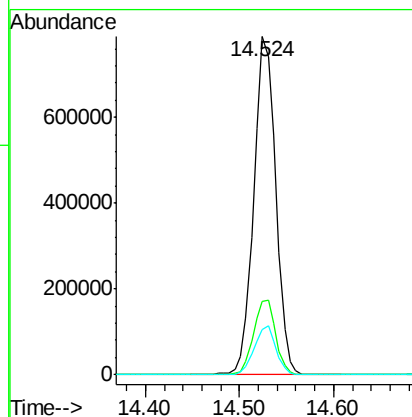
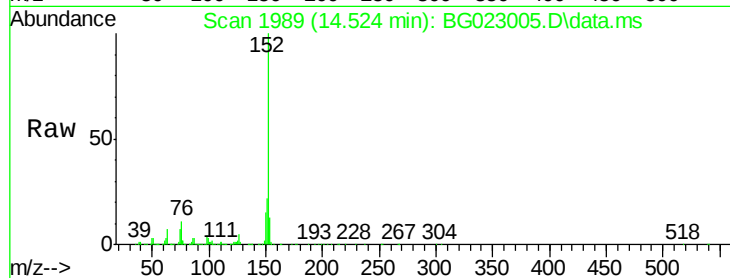
Tot Ion:152 Resp: 1270773

Ion Ratio Lower Upper

152 100

151 21.7 17.6 26.4

153 13.4 11.4 17.2



#49

Dimethylphthalate

Concen: 42.32 ng

RT: 14.248 min Scan# 1942

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

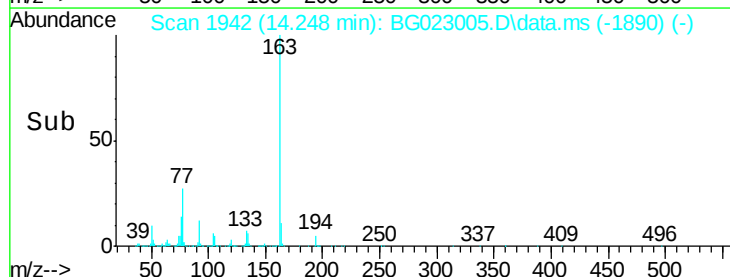
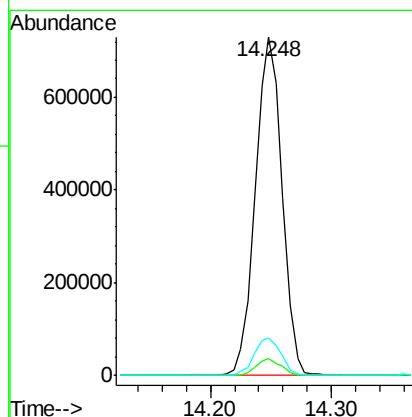
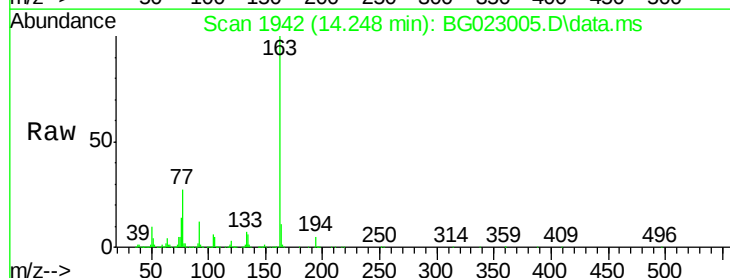
Tgt Ion:163 Resp: 1119034

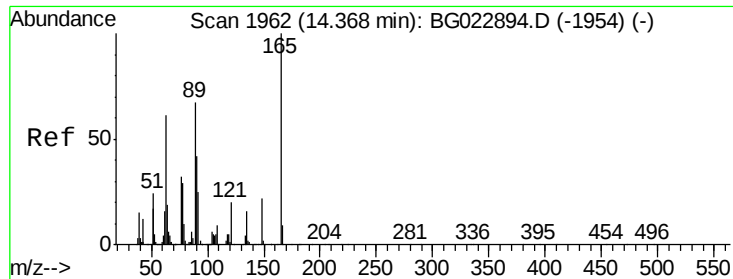
Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

164 11.1 8.1 12.1

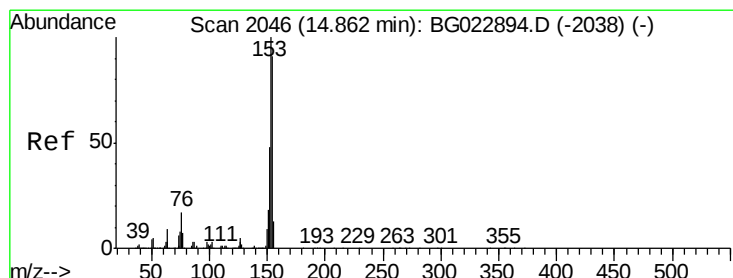
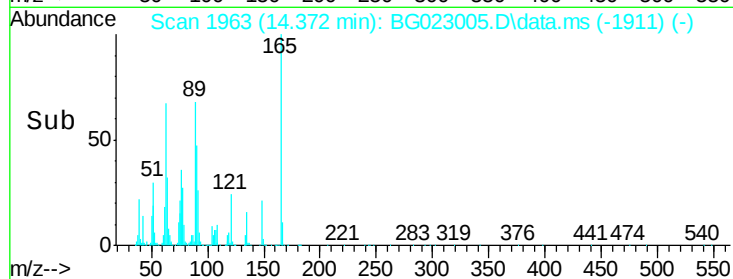
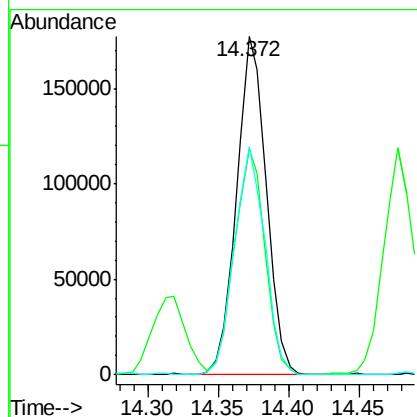
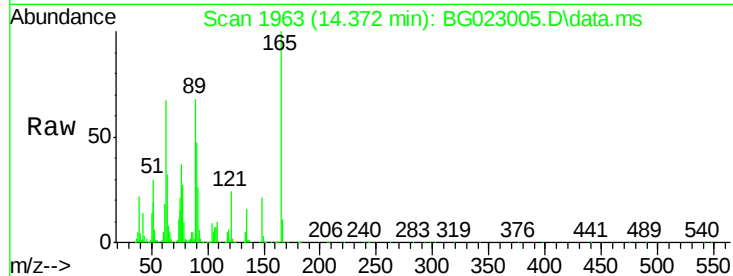




#50
2,6-Dinitrotoluene
Concen: 43.67 ng
RT: 14.372 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

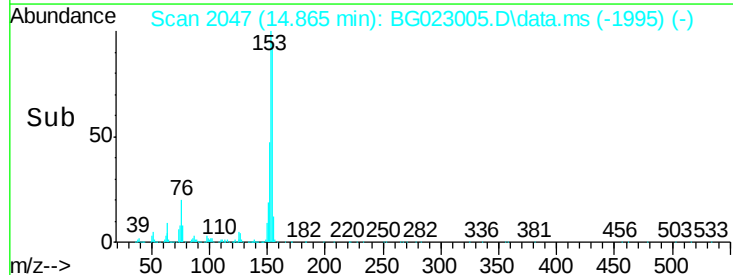
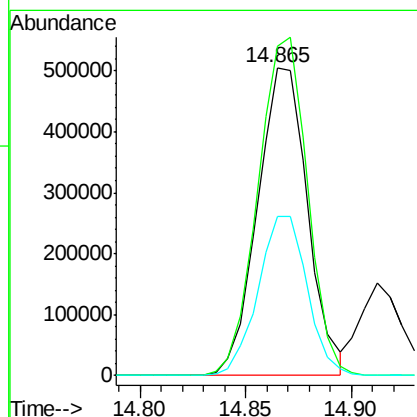
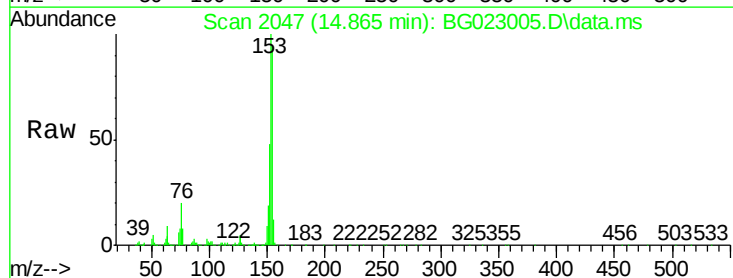
Instrument :
BNA_G
ClientSampleId :
PB92015BS

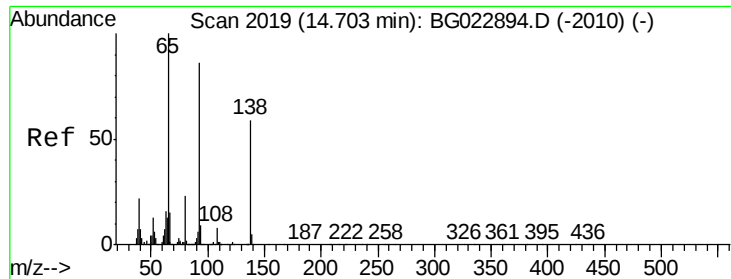
Tot Ion:165 Resp: 259487
Ion Ratio Lower Upper
165 100
63 66.8 64.3 96.5
89 67.6 64.3 96.5



#51
Acenaphthene
Concen: 43.15 ng
RT: 14.865 min Scan# 2047
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:154 Resp: 833337
Ion Ratio Lower Upper
154 100
153 106.9 87.5 131.3
152 51.6 42.7 64.1





#52

3-Nitroaniline

Concen: 30.44 ng

RT: 14.707 min Scan# 2019

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

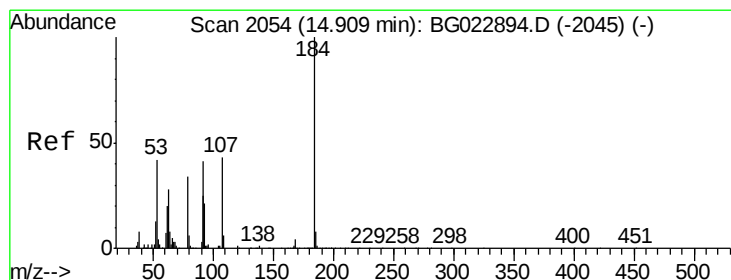
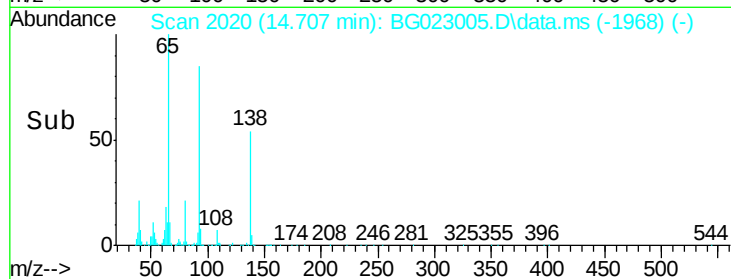
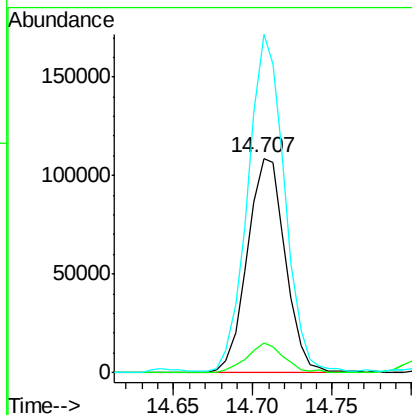
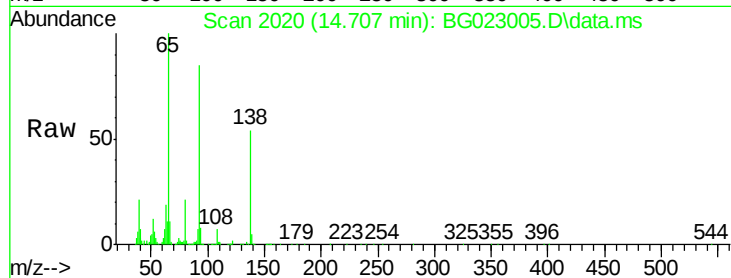
Tot Ion:138 Resp: 180359

Ion Ratio Lower Upper

138 100

108 13.8 11.7 17.5

92 157.6 129.7 194.5



#53

2,4-Dinitrophenol

Concen: 72.65 ng

RT: 14.912 min Scan# 2055

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

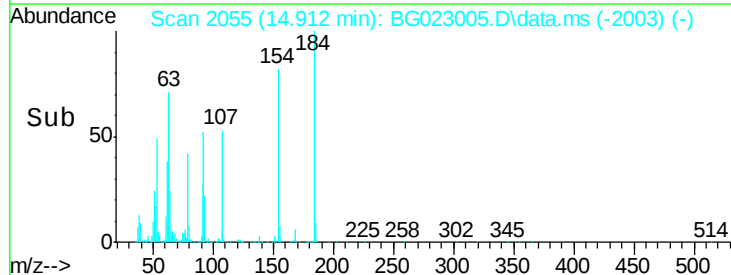
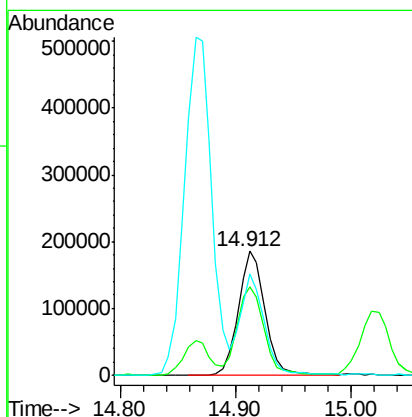
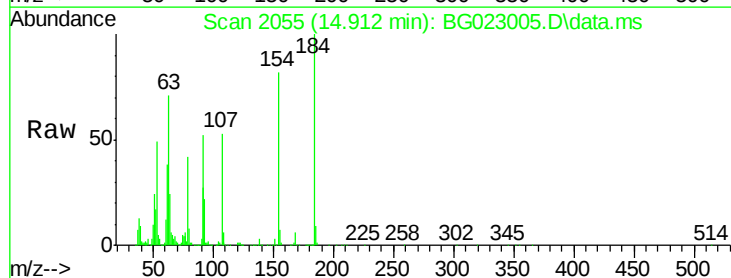
Tgt Ion:184 Resp: 296227

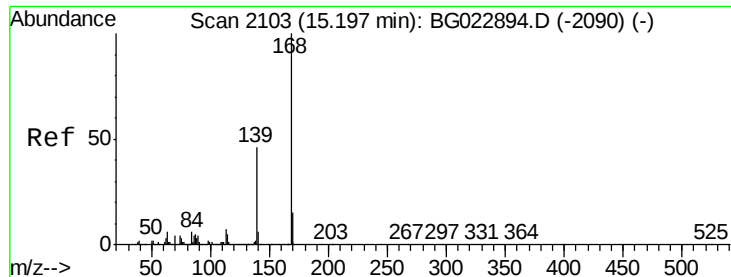
Ion Ratio Lower Upper

184 100

63 70.8 59.6 89.4

154 82.0 67.4 101.0





#54

Dibenzofuran

Concen: 47.02 ng

RT: 15.200 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

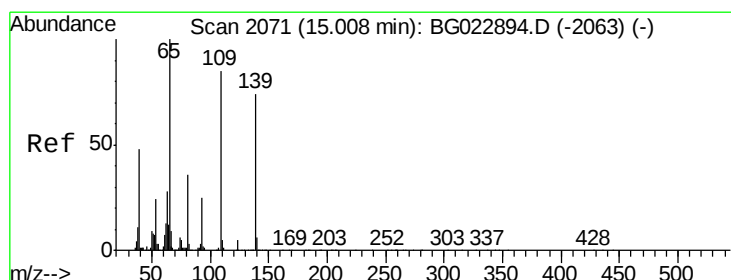
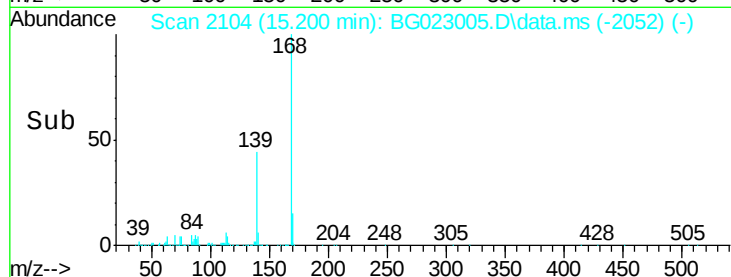
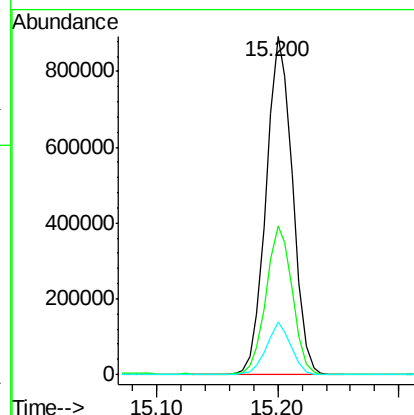
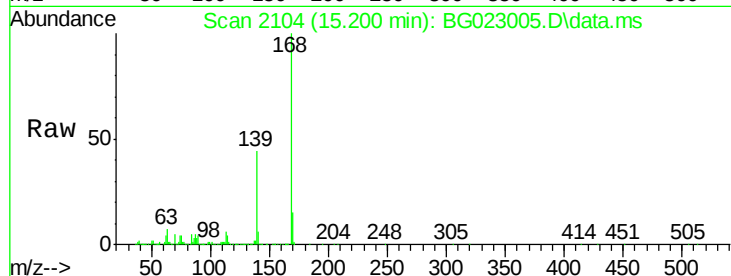
Tot Ion:168 Resp: 1359256

Ion Ratio Lower Upper

168 100

139 44.0 36.4 54.6

169 15.4 11.9 17.9



#55

4-Nitrophenol

Concen: 83.93 ng

RT: 15.024 min Scan# 2074

Delta R.T. 0.015 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

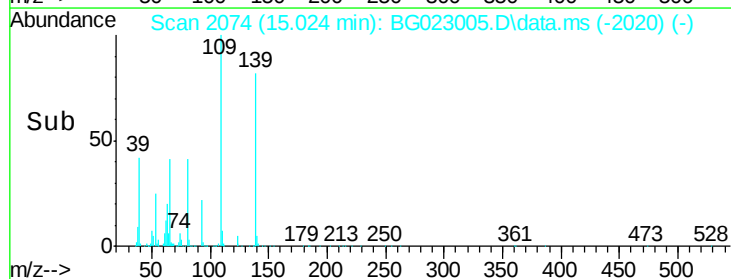
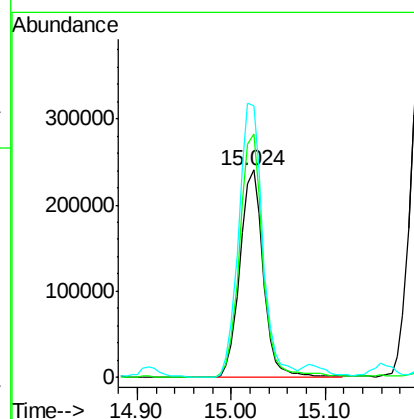
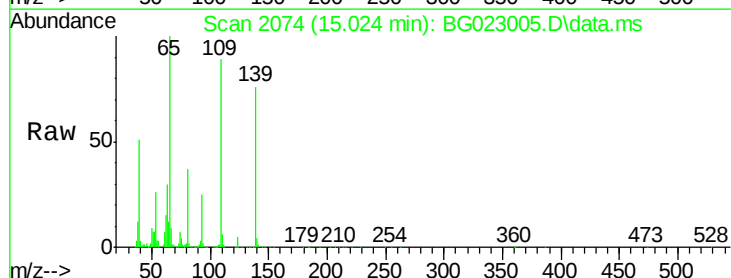
Tgt Ion:139 Resp: 416838

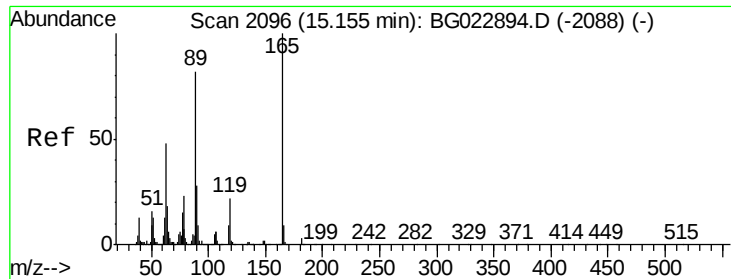
Ion Ratio Lower Upper

139 100

109 117.2 103.0 143.0

65 131.2 112.7 152.7

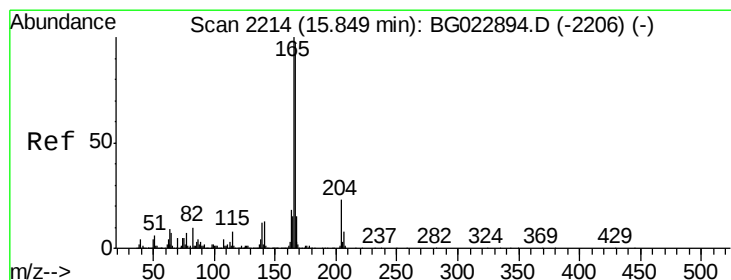
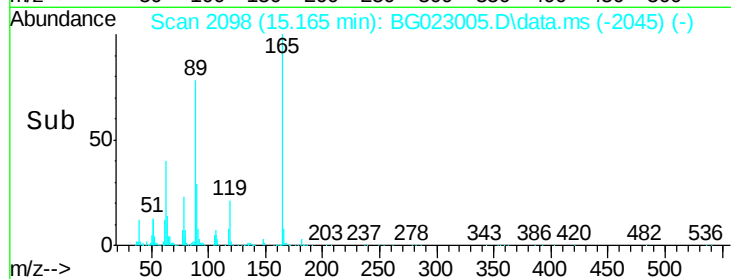
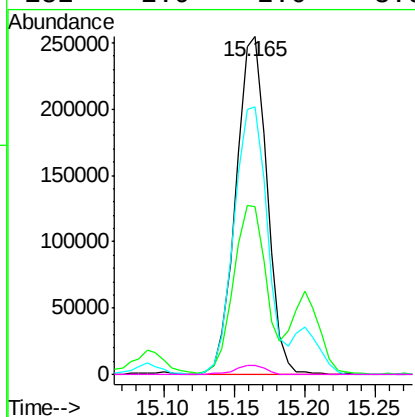
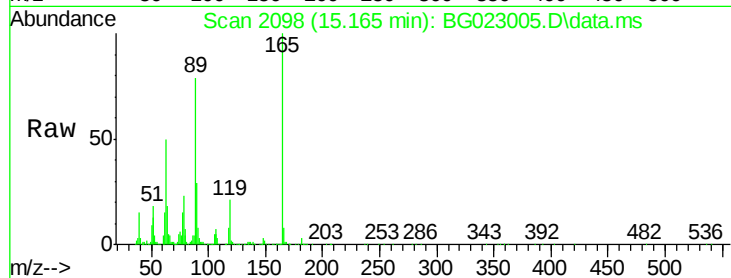




#56
2,4-Dinitrotoluene
Concen: 45.09 ng
RT: 15.165 min Scan# 2096
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

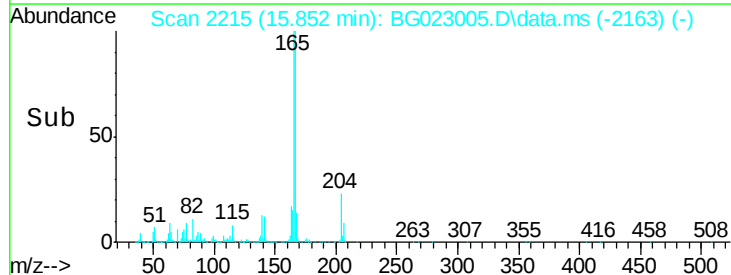
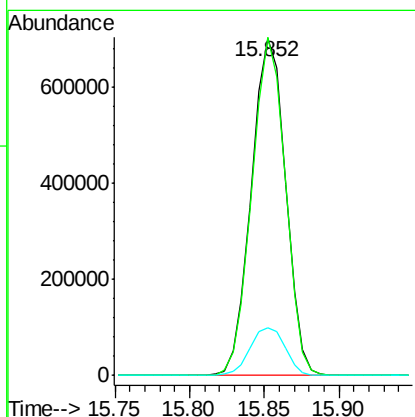
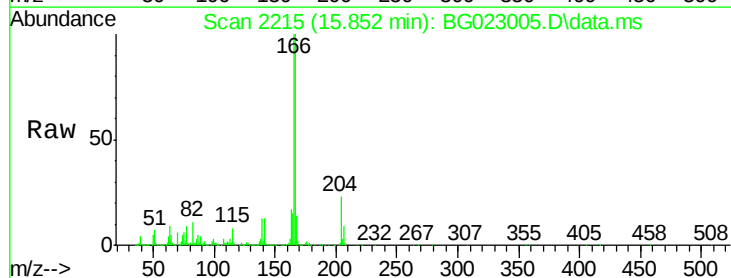
Instrument :
BNA_G
ClientSampleId :
PB92015BS

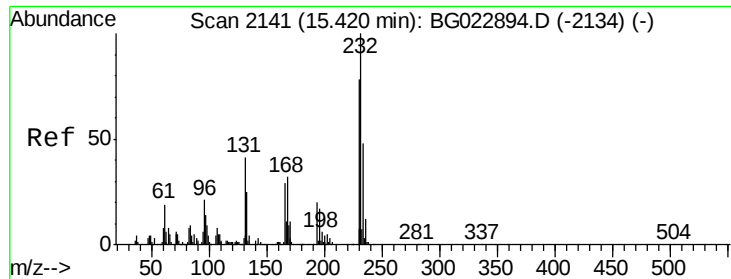
Tot Ion:	165	Resp:	390593
Ion Ratio	Lower	Upper	
165	100		
63	49.5	45.8	68.6
89	79.1	68.6	102.8
182	2.9	2.0	3.0



#57
Fluorene
Concen: 44.39 ng
RT: 15.852 min Scan# 2215
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:	166	Resp:	1104361
Ion Ratio	Lower	Upper	
166	100		
165	100.4	81.0	121.6
167	14.2	12.0	18.0

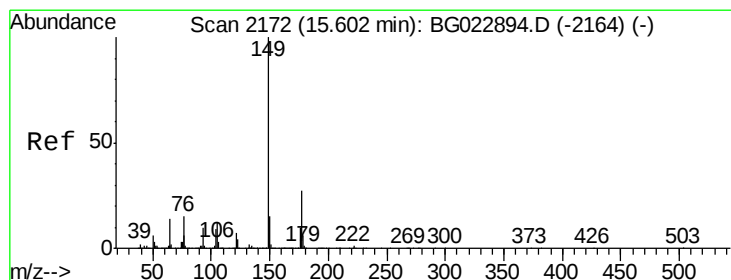
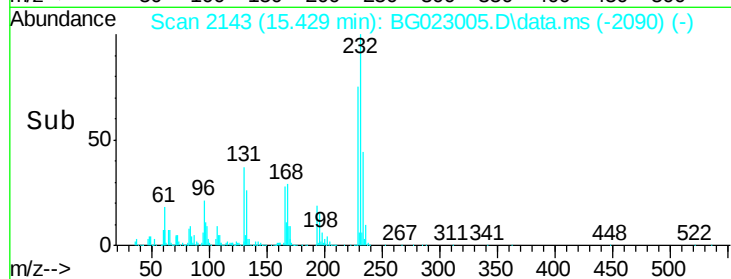
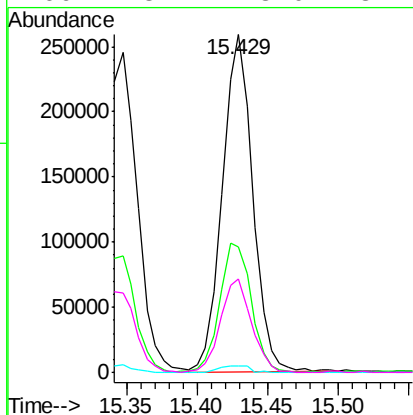
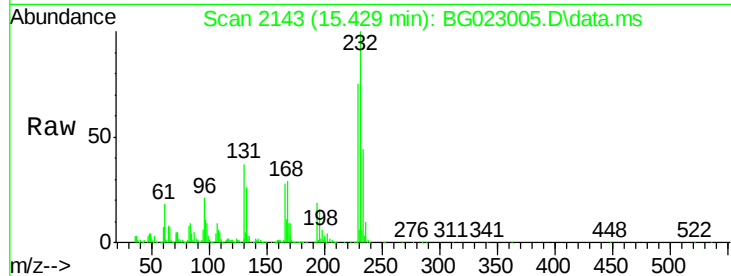




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.03 ng
 RT: 15.429 min Scan# 2141
 Delta R.T. 0.009 min
 Lab File: BG023005.D
 Acq: 11 Jul 2016 17:58

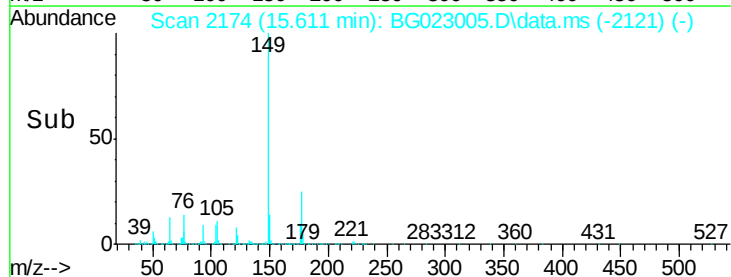
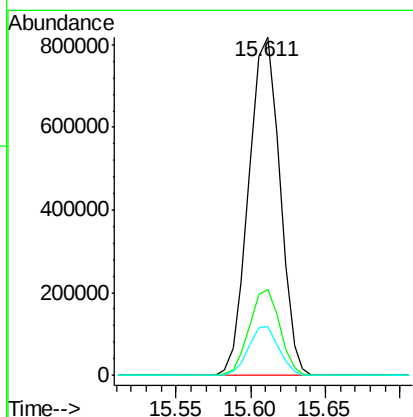
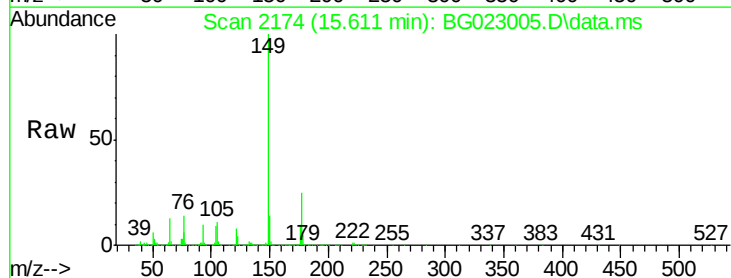
Instrument :
 BNA_G
 ClientSampleId :
 PB92015BS

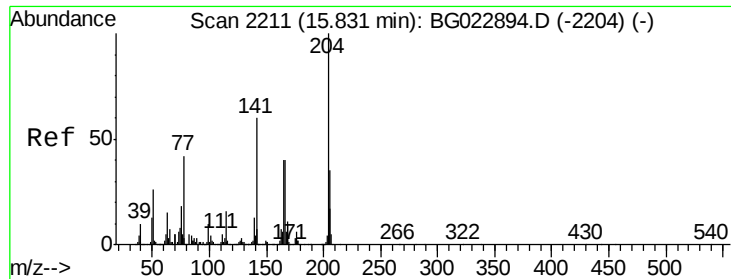
Tot Ion:232	Resp:	387394
Ion Ratio	Lower	Upper
232	100	
131	39.4	32.7 49.1
130	2.1	2.6 3.8#
166	28.1	23.0 34.6



#59
 Diethylphthalate
 Concen: 43.78 ng
 RT: 15.611 min Scan# 2174
 Delta R.T. 0.009 min
 Lab File: BG023005.D
 Acq: 11 Jul 2016 17:58

Tgt Ion:149	Resp:	1177839
Ion Ratio	Lower	Upper
149	100	
177	25.4	19.2 28.8
150	14.4	10.6 16.0

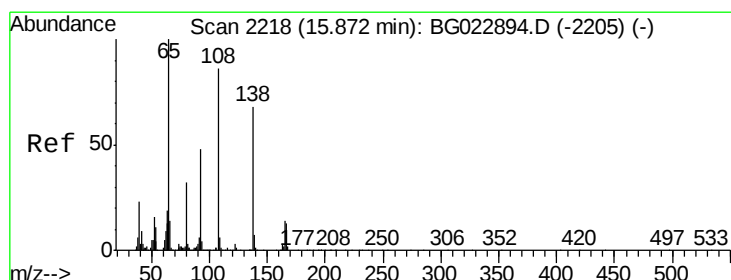
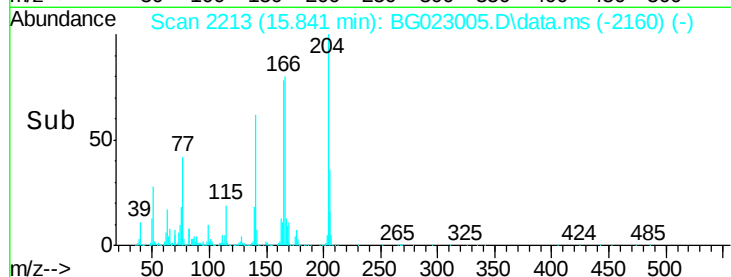
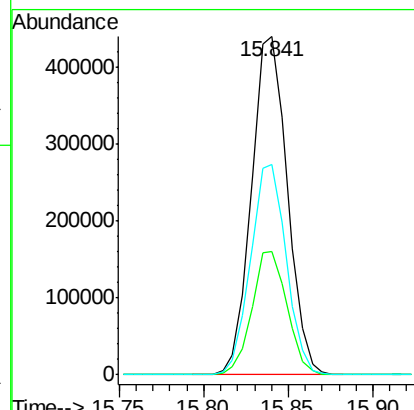
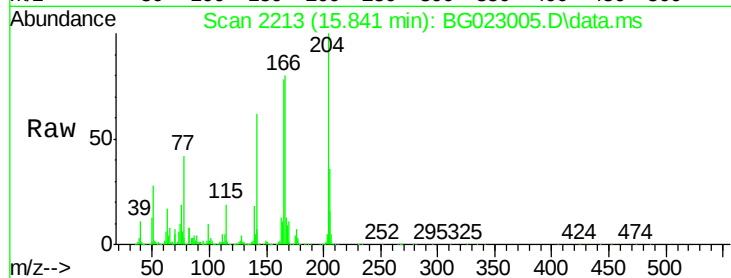




#60
4-Chlorophenyl-phenylether
Concen: 42.72 ng
RT: 15.841 min Scan# 2211
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

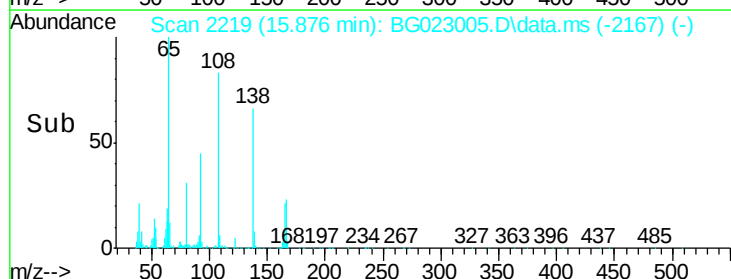
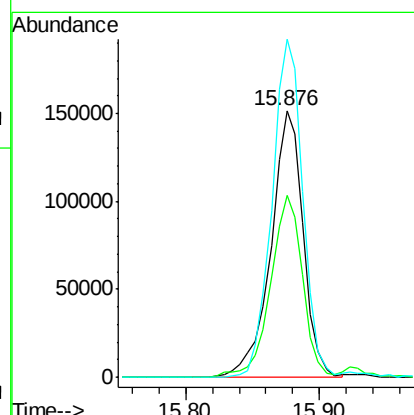
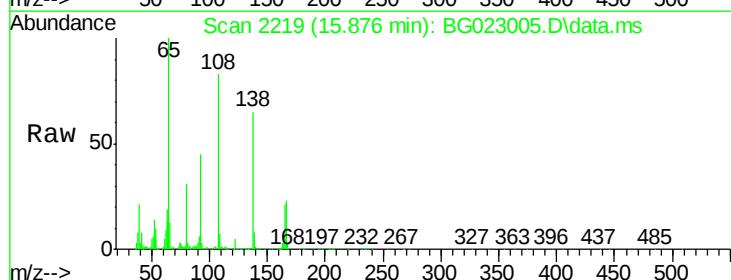
Instrument :
BNA_G
ClientSampleId :
PB92015BS

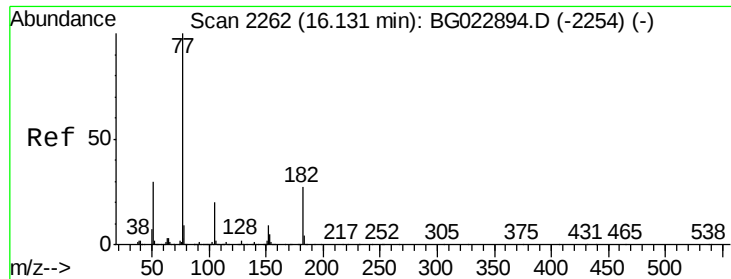
Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	28.5	42.7
141	62.3	51.4	77.0



#61
4-Nitroaniline
Concen: 39.77 ng
RT: 15.876 min Scan# 2219
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	68.3	54.1	94.1
108	126.7	133.9	173.9#





#62

Azobenzene

Concen: 50.81 ng

RT: 16.134 min Scan# 22

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

Tot Ion: 77 Resp: 1307409

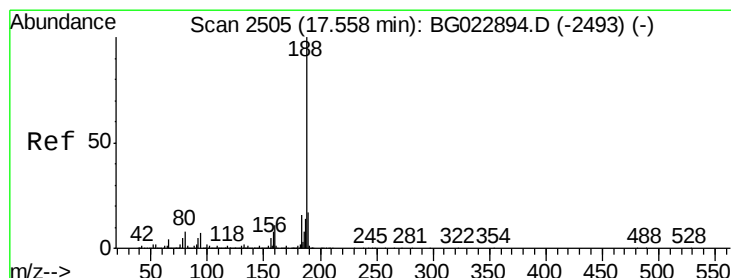
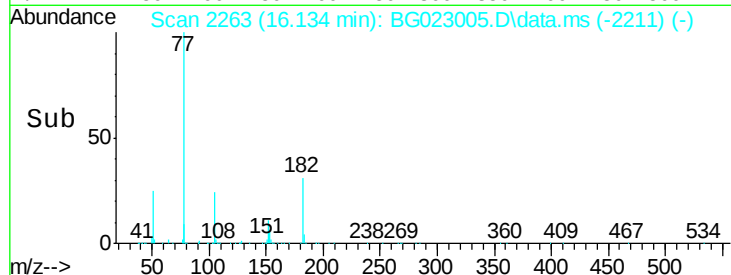
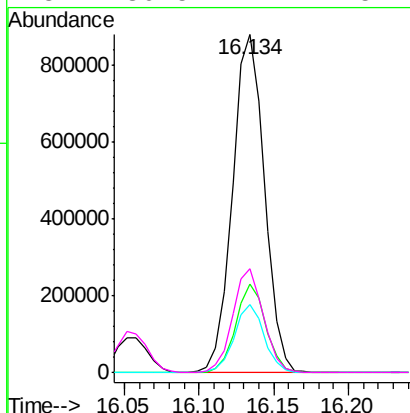
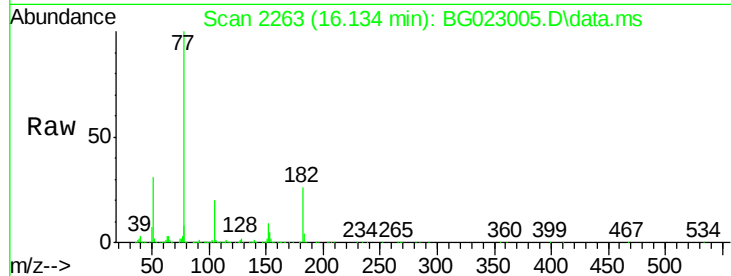
Ion Ratio Lower Upper

77 100

182 26.0 3.5 43.5

105 20.1 0.0 38.5

51 30.5 17.1 57.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.562 min Scan# 2506

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

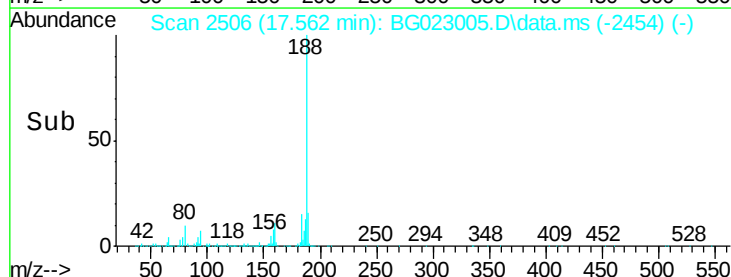
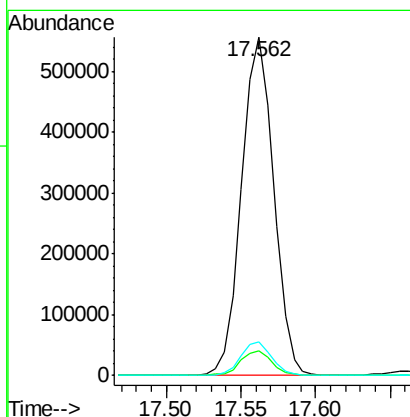
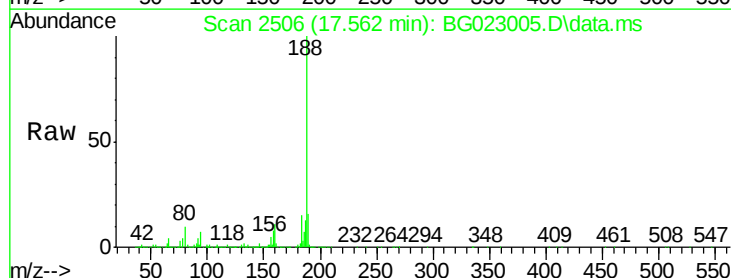
Tgt Ion: 188 Resp: 828867

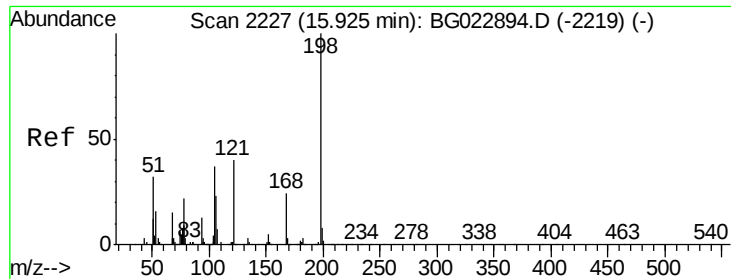
Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

80 10.0 7.2 10.8

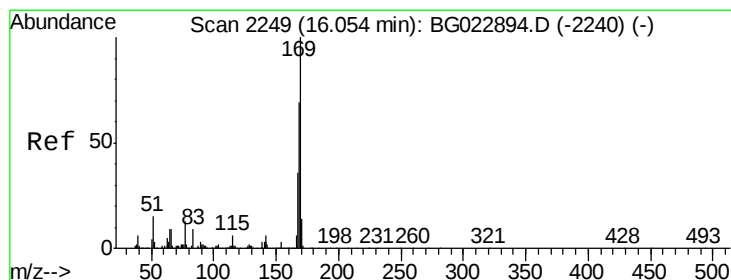
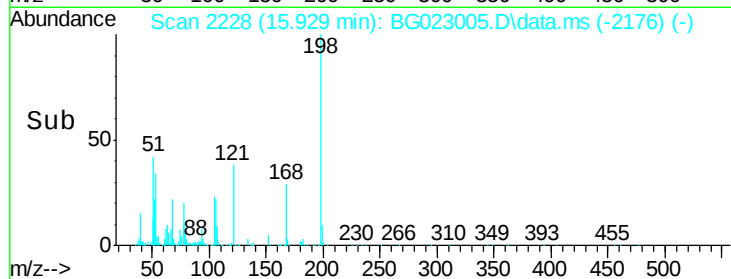
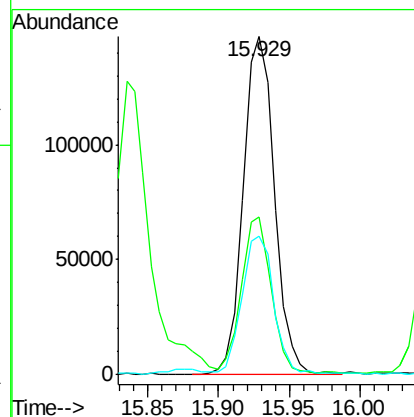
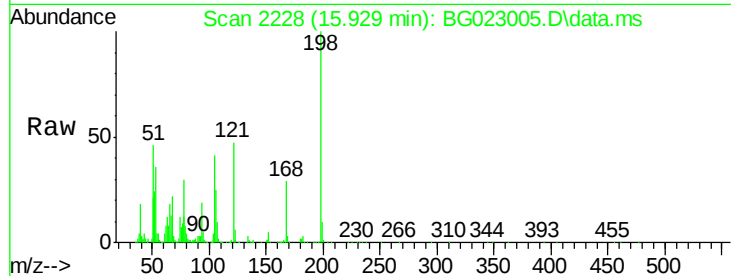




#64
4,6-Dinitro-2-methylphenol
Concen: 36.94 ng
RT: 15.929 min Scan# 2227
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

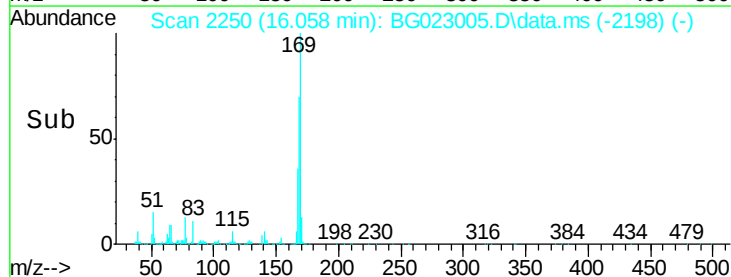
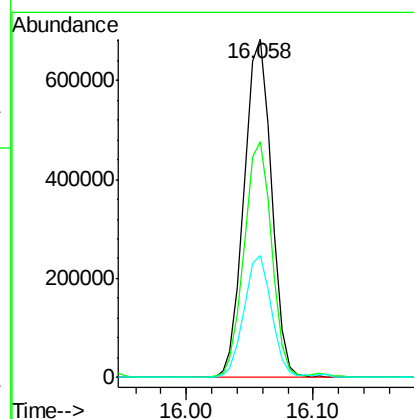
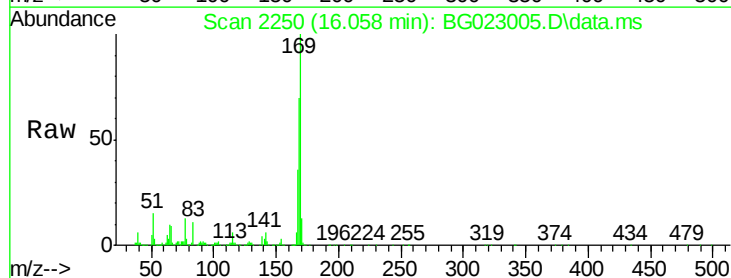
Instrument :
BNA_G
ClientSampleId :
PB92015BS

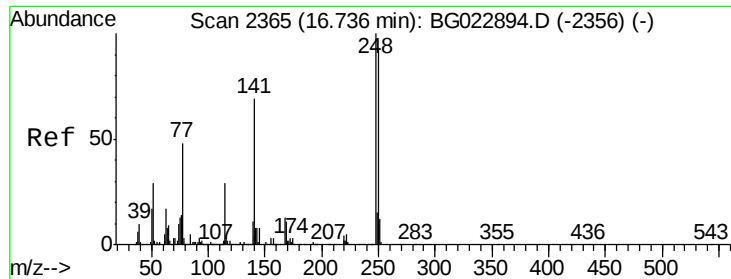
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.5	26.0	66.0
105	40.9	20.1	60.1



#65
n-Nitrosodiphenylamine
Concen: 43.00 ng
RT: 16.058 min Scan# 2250
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.0	82.4
167	36.0	27.4	41.0

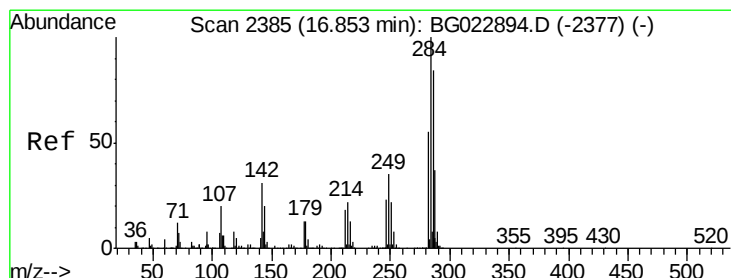
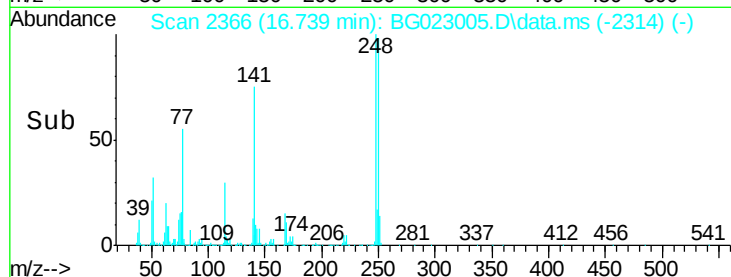
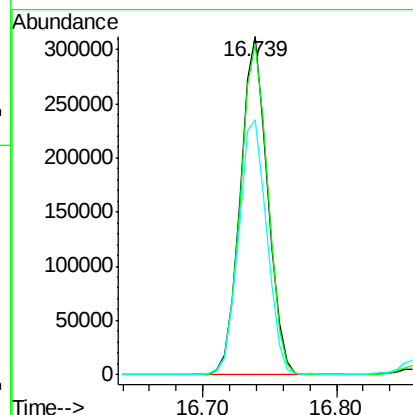
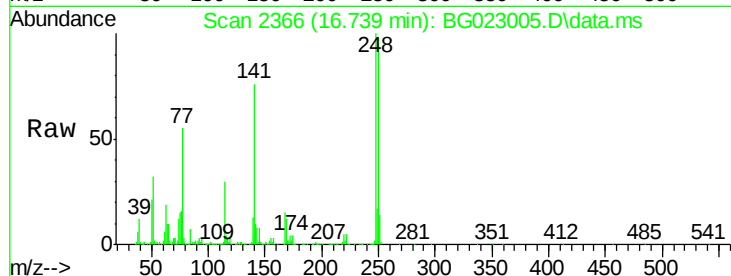




#66
4-Bromophenyl-phenylether
Concen: 40.81 ng
RT: 16.739 min Scan# 2366
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

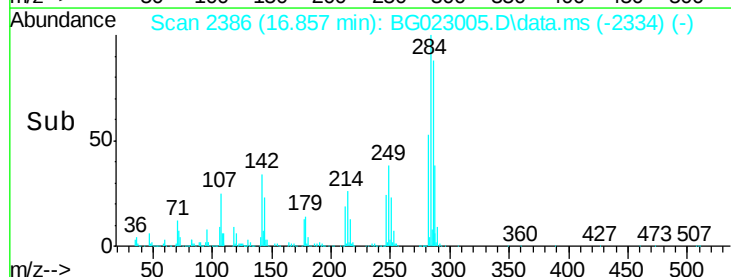
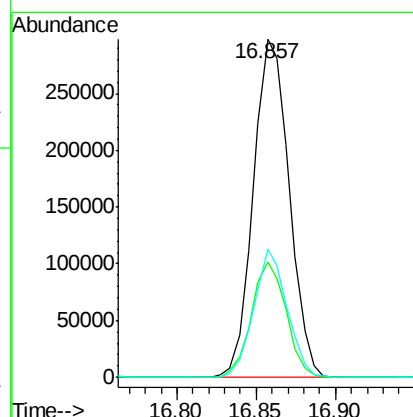
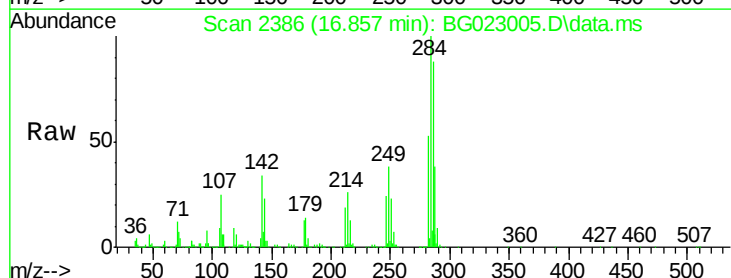
Instrument :
BNA_G
ClientSampleId :
PB92015BS

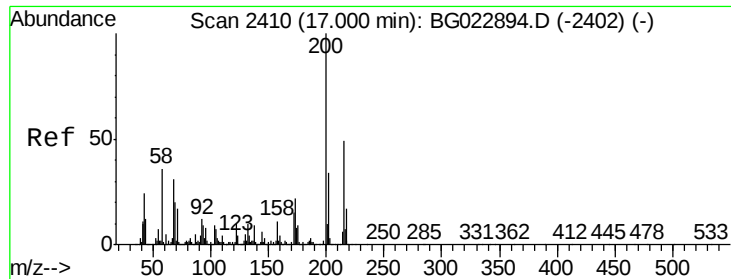
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.8
141	75.6	65.7	98.5



#67
Hexachlorobenzene
Concen: 39.82 ng
RT: 16.857 min Scan# 2386
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.8	40.2
249	37.8	28.9	43.3





#68

Atrazine

Concen: 39.36 ng

RT: 17.004 min Scan# 2410

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

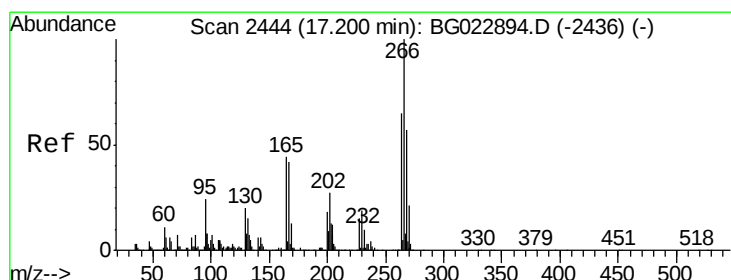
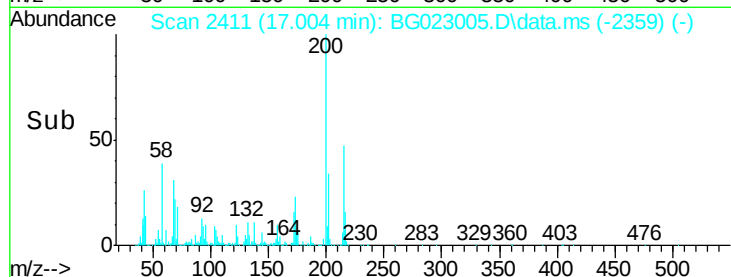
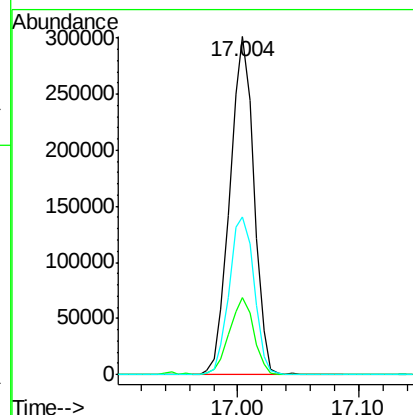
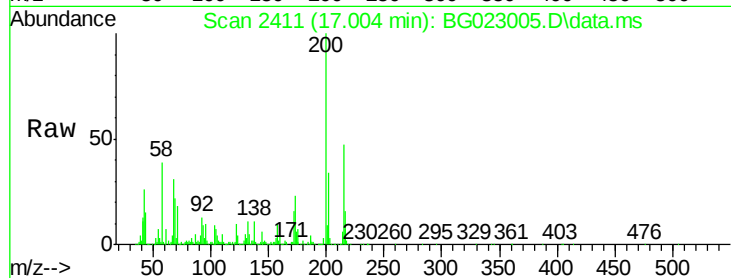
Tot Ion:200 Resp: 416950

Ion Ratio Lower Upper

200 100

173 22.8 1.6 41.6

215 46.6 28.7 68.7



#69

Pentachlorophenol

Concen: 78.40 ng

RT: 17.209 min Scan# 2446

Delta R.T. 0.009 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

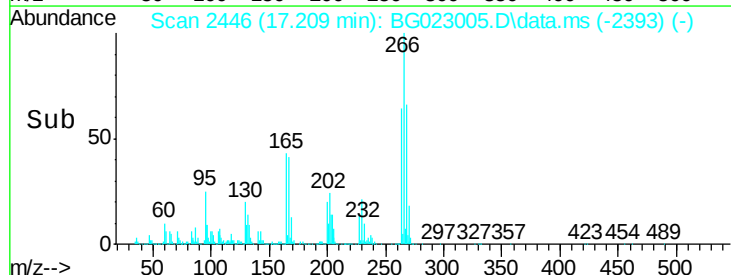
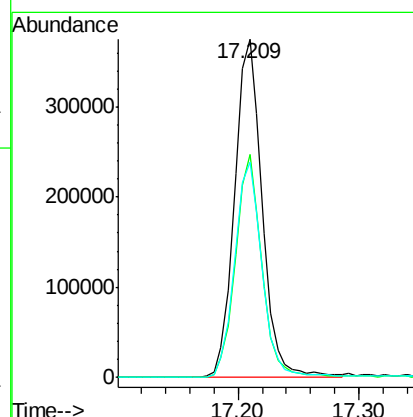
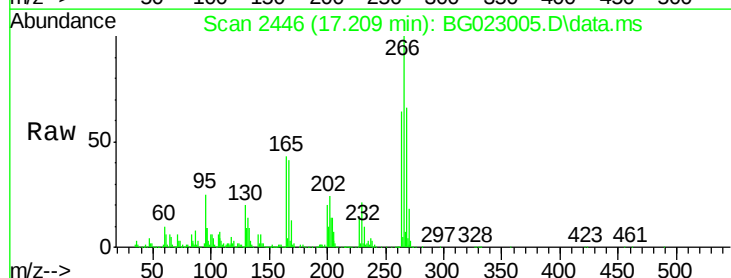
Tgt Ion:266 Resp: 595308

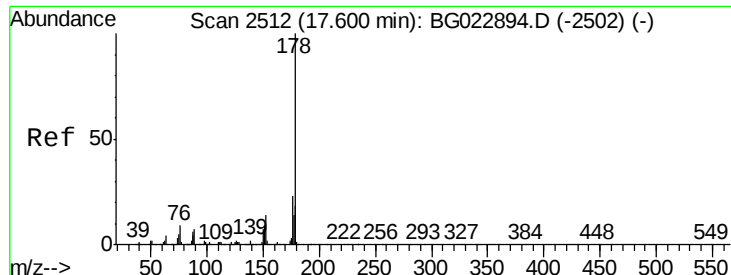
Ion Ratio Lower Upper

266 100

268 65.9 51.9 77.9

264 63.8 50.6 75.8





#70

Phenanthrene

Concen: 44.54 ng

RT: 17.603 min Scan# 2512

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

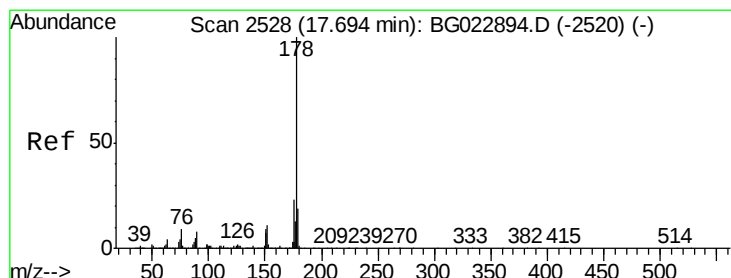
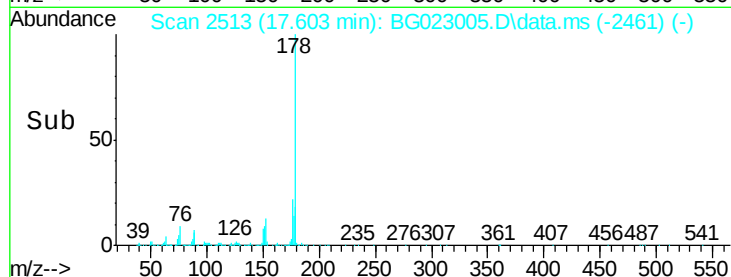
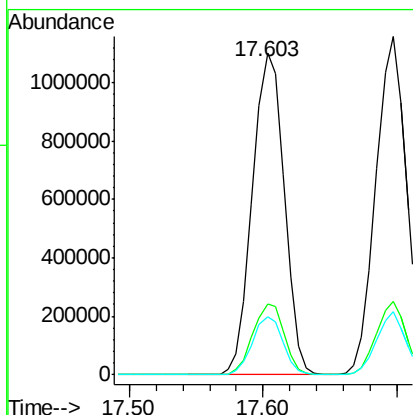
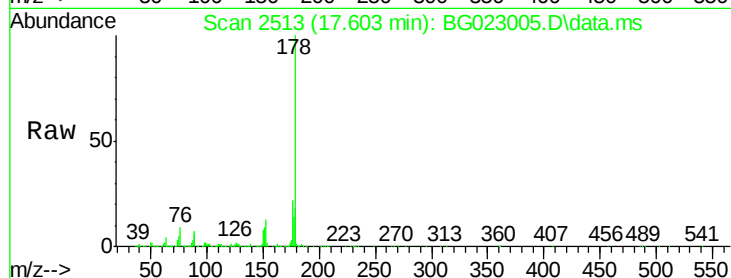
Tot Ion:178 Resp: 1809181

Ion Ratio Lower Upper

178 100

176 22.0 16.8 25.2

179 18.1 14.3 21.5



#71

Anthracene

Concen: 44.44 ng

RT: 17.697 min Scan# 2529

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

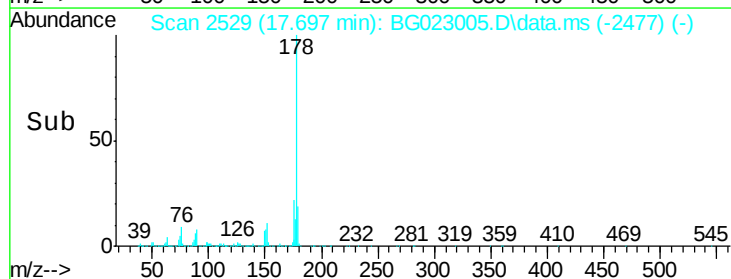
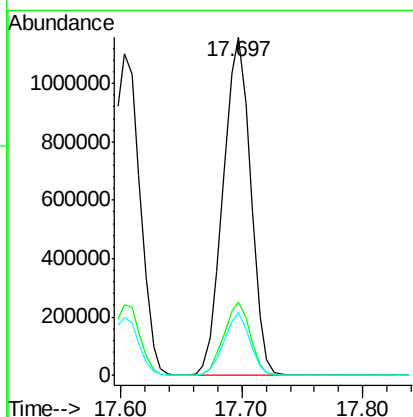
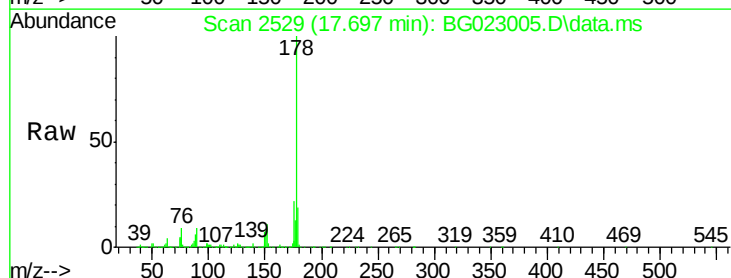
Tgt Ion:178 Resp: 1827876

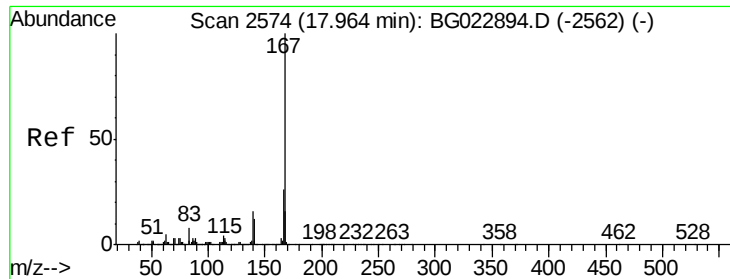
Ion Ratio Lower Upper

178 100

176 21.7 17.3 25.9

179 18.7 14.0 21.0





#72

Carbazole

Concen: 44.74 ng

RT: 17.967 min Scan# 25

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

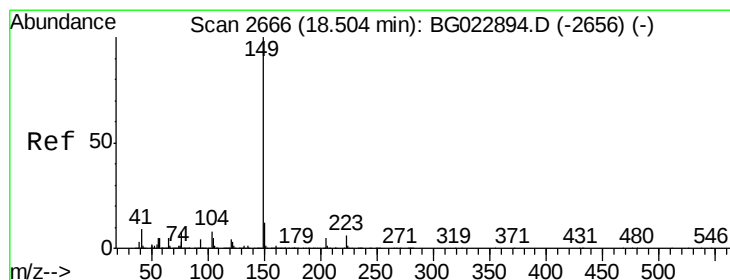
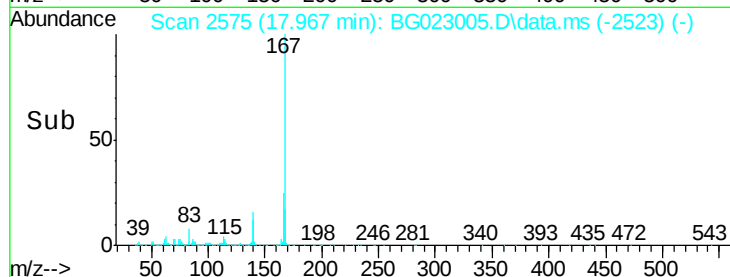
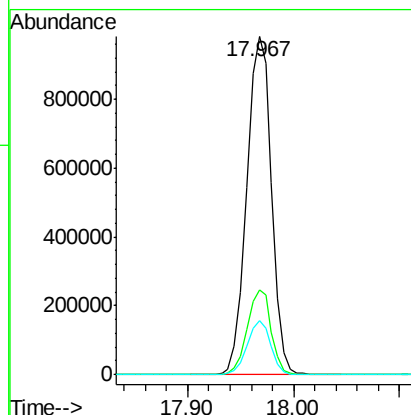
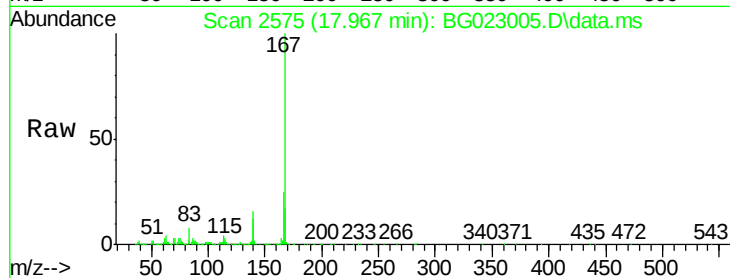
Tot Ion:167 Resp: 1590023

Ion Ratio Lower Upper

167 100

166 25.0 20.7 31.1

139 15.8 11.9 17.9



#73

Di-n-butylphthalate

Concen: 47.99 ng

RT: 18.508 min Scan# 2667

Delta R.T. 0.004 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

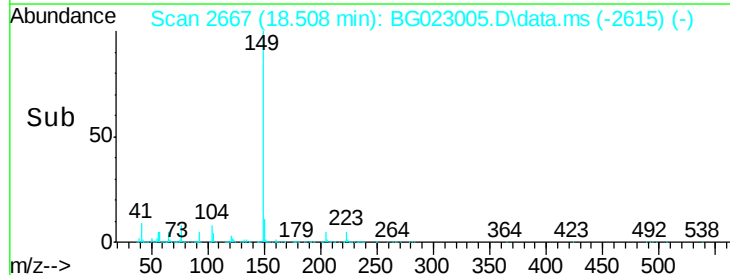
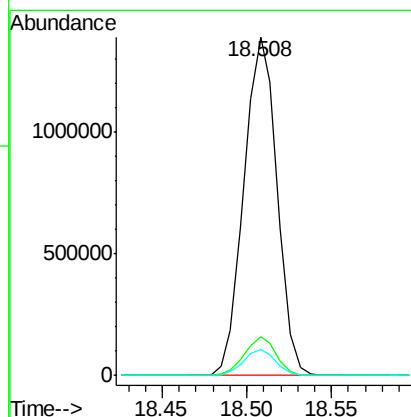
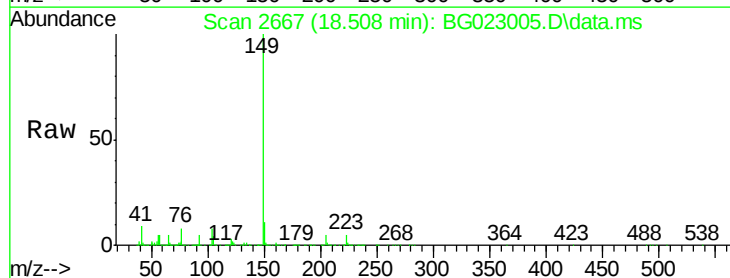
Tgt Ion:149 Resp: 1896677

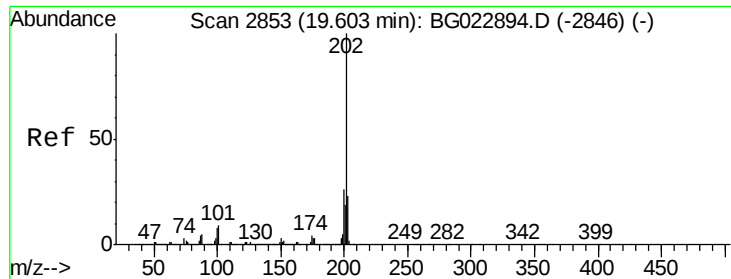
Ion Ratio Lower Upper

149 100

150 11.4 9.1 13.7

104 7.7 6.9 10.3





#74

Fluoranthene

Concen: 42.36 ng

RT: 19.613 min Scan# 28

Delta R.T. 0.009 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

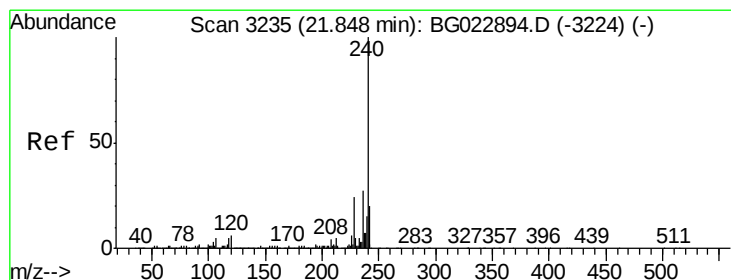
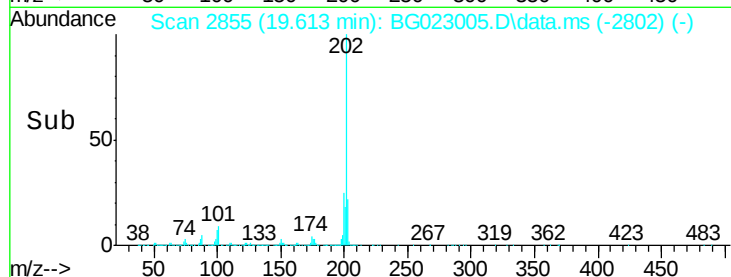
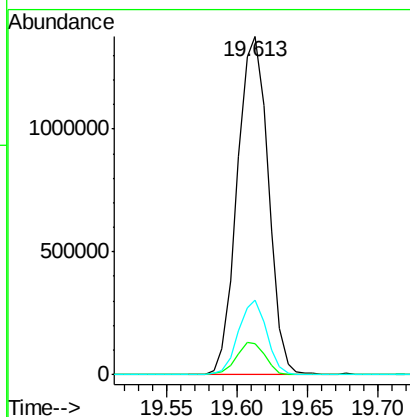
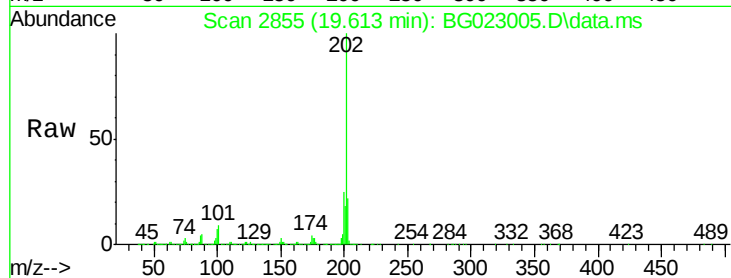
Tot Ion:202 Resp: 2111776

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.4

203 21.9 1.7 41.7



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.869 min Scan# 3239

Delta R.T. 0.021 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

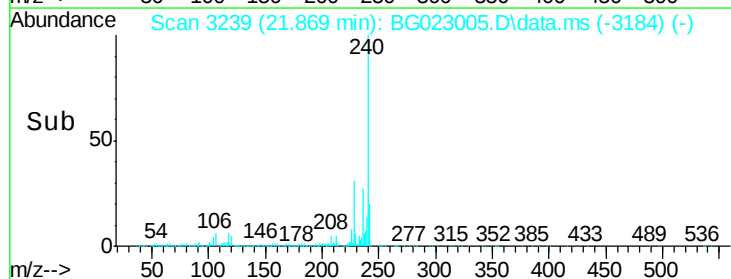
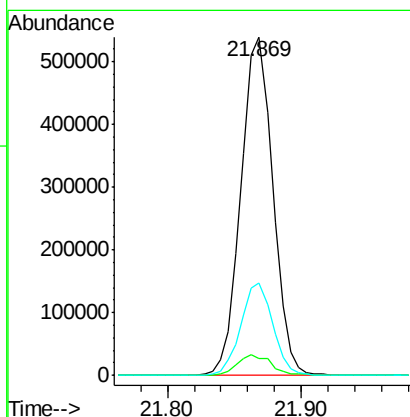
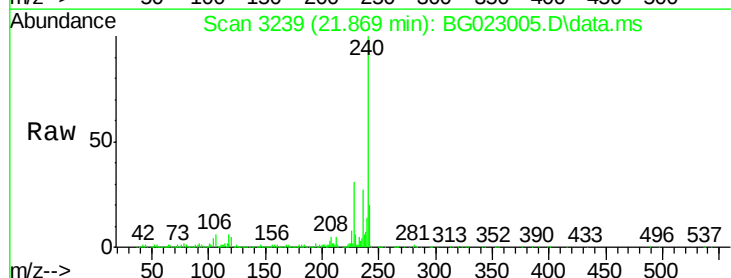
Tgt Ion:240 Resp: 892137

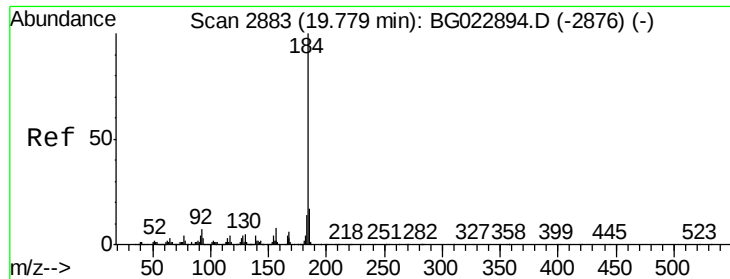
Ion Ratio Lower Upper

240 100

120 5.1 4.1 6.1

236 27.3 21.1 31.7

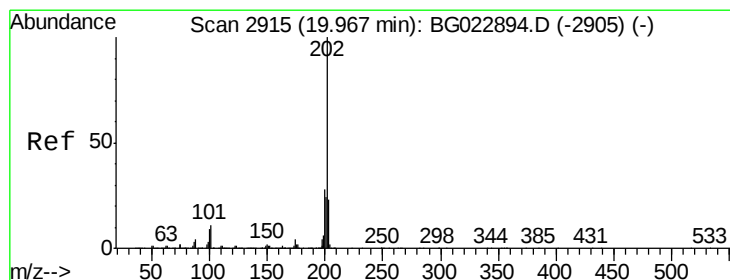
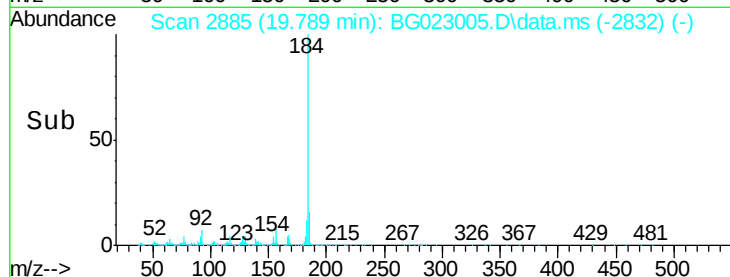
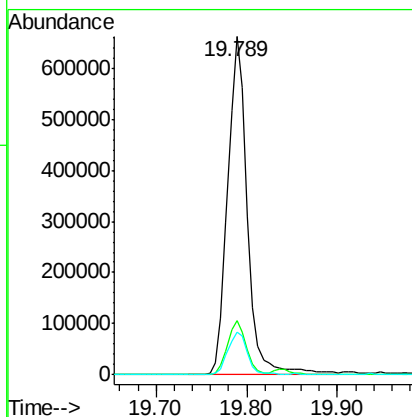
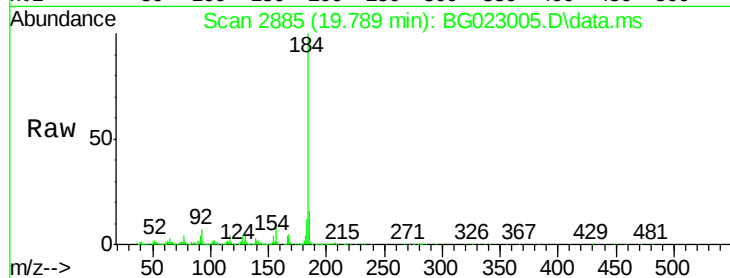




#76
Benzidine
Concen: 39.12 ng
RT: 19.789 min Scan# 2883
Delta R.T. 0.009 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

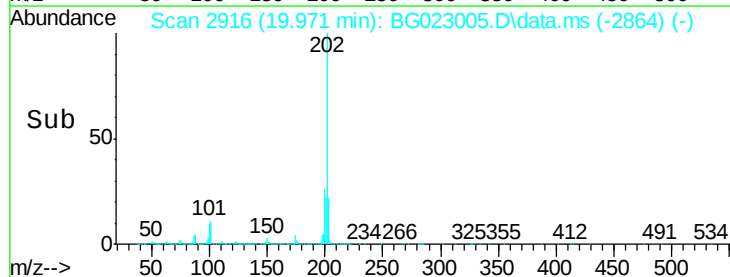
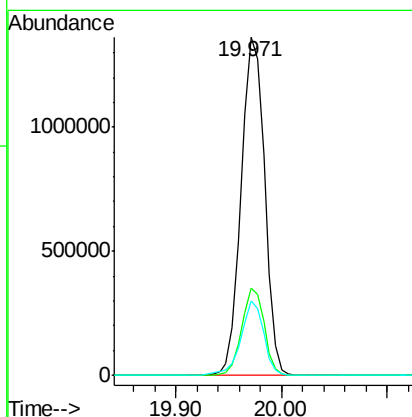
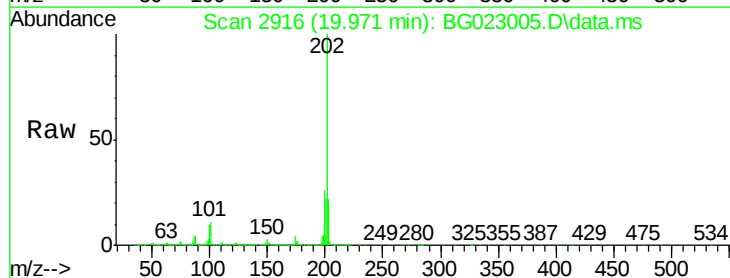
Instrument :
BNA_G
ClientSampleId :
PB92015BS

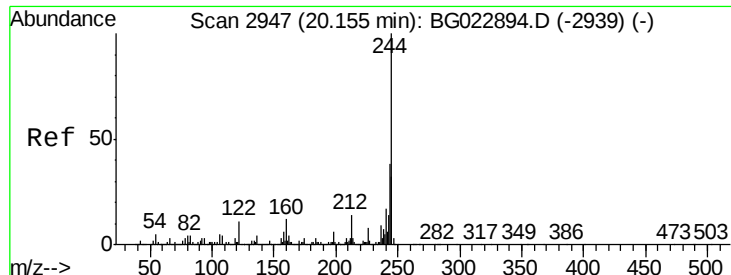
Tot Ion:184 Resp: 1000613
Ion Ratio Lower Upper
184 100
185 15.8 12.6 19.0
183 12.4 10.7 16.1



#77
Pyrene
Concen: 41.79 ng
RT: 19.971 min Scan# 2916
Delta R.T. 0.004 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:202 Resp: 2095083
Ion Ratio Lower Upper
202 100
200 25.6 21.2 31.8
203 22.0 16.8 25.2





#78

Terphenyl-d14

Concen: 100.11 ng

RT: 20.165 min Scan# 29

Delta R.T. 0.010 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

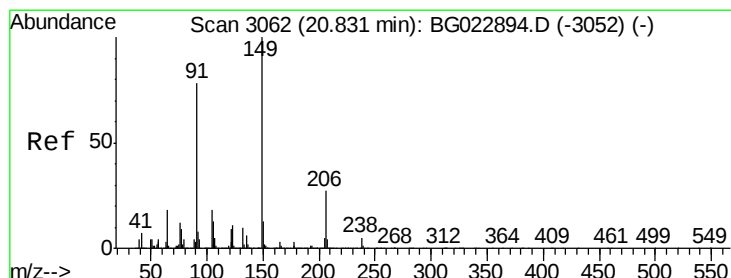
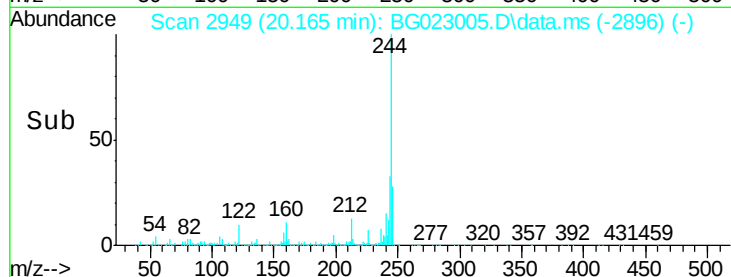
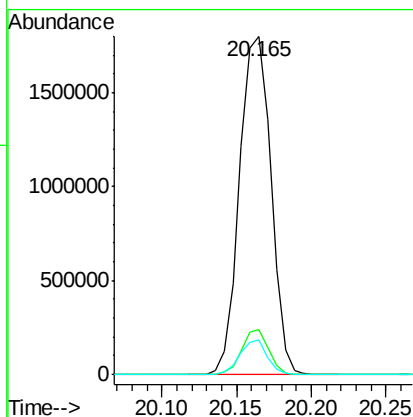
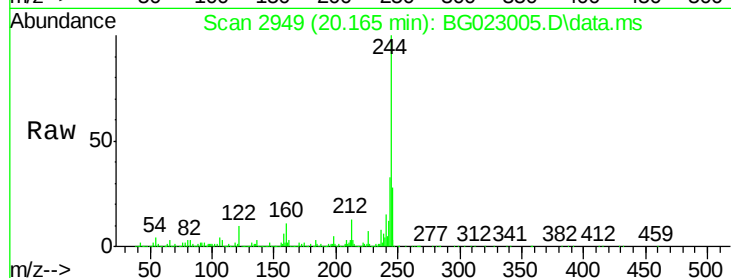
Tot Ion:244 Resp: 2631822

Ion Ratio Lower Upper

244 100

212 13.1 10.8 16.2

122 10.2 8.0 12.0



#79

Butylbenzylphthalate

Concen: 46.55 ng

RT: 20.846 min Scan# 3065

Delta R.T. 0.015 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

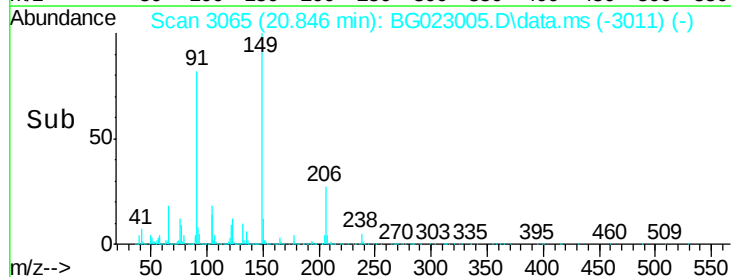
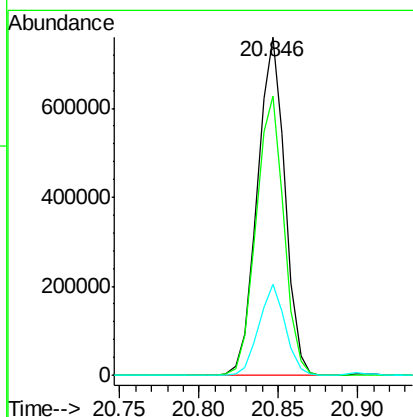
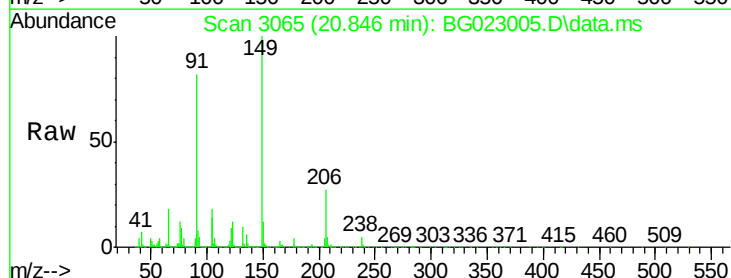
Tgt Ion:149 Resp: 924272

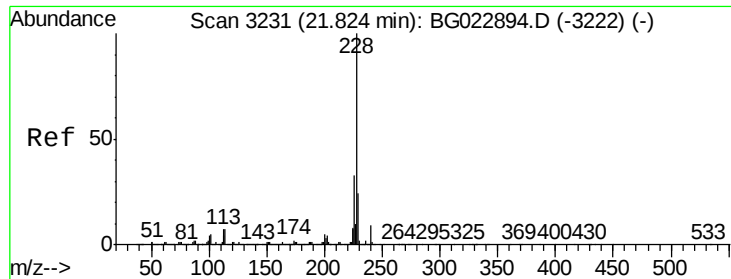
Ion Ratio Lower Upper

149 100

91 82.4 68.1 102.1

206 26.8 19.8 29.6





#80

Benzo(a)anthracene

Concen: 44.44 ng

RT: 21.845 min Scan# 32

Delta R.T. 0.021 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

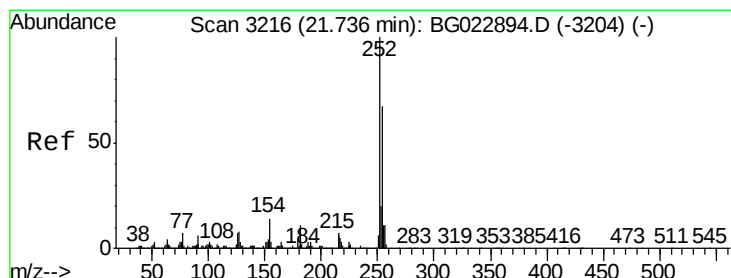
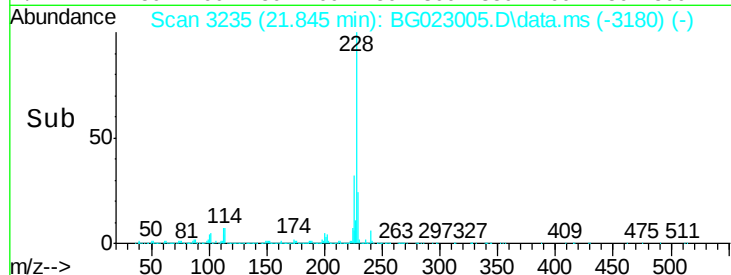
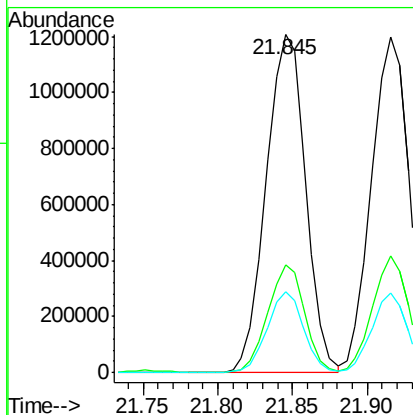
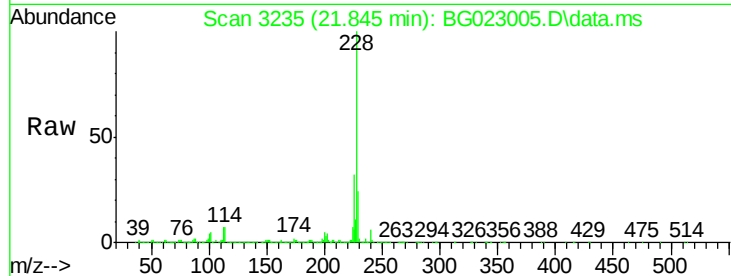
BNA_G

ClientSampleId :

PB92015BS

Tot Ion:228 Resp: 2218230

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.3	37.9
229	24.0	19.9	29.9



#81

3,3'-Dichlorobenzidine

Concen: 28.49 ng

RT: 21.751 min Scan# 3219

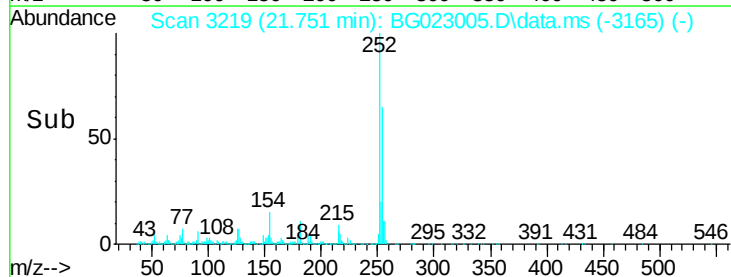
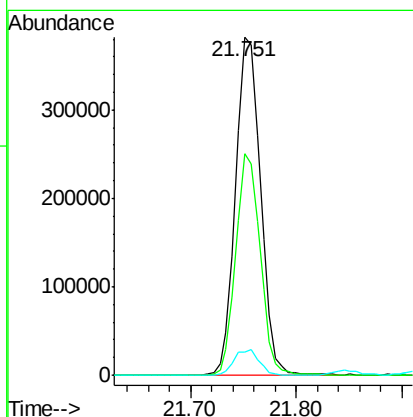
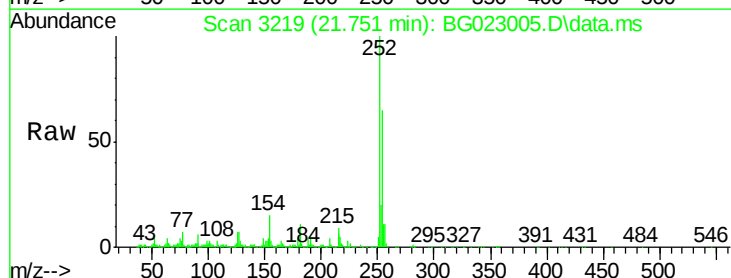
Delta R.T. 0.015 min

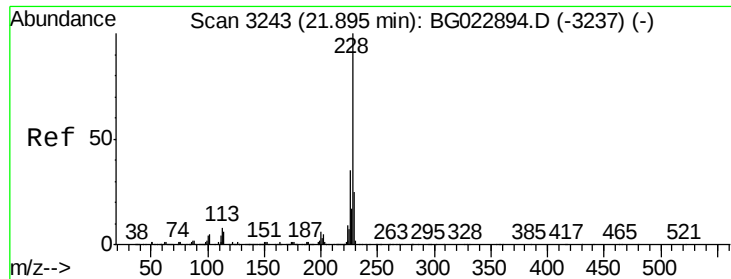
Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Tgt Ion:252 Resp: 624229

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.2	76.8
126	7.0	5.3	7.9





#82

Chrysene

Concen: 44.47 ng

RT: 21.916 min Scan# 32

Delta R.T. 0.021 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

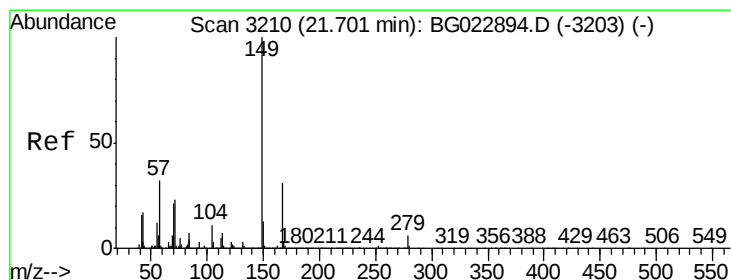
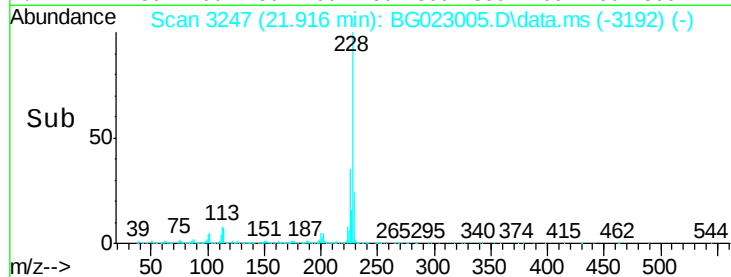
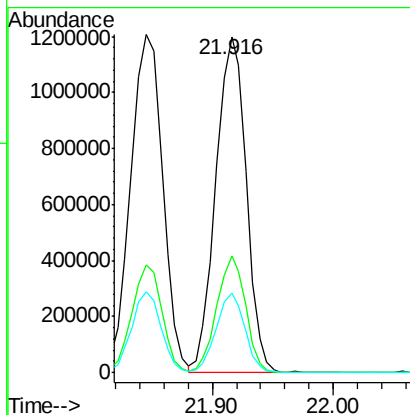
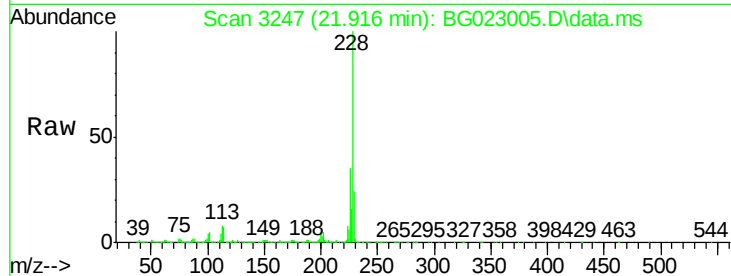
Tot Ion:228 Resp: 2082260

Ion Ratio Lower Upper

228 100

226 34.7 26.7 40.1

229 23.7 17.4 26.2



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.86 ng

RT: 21.728 min Scan# 3215

Delta R.T. 0.027 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

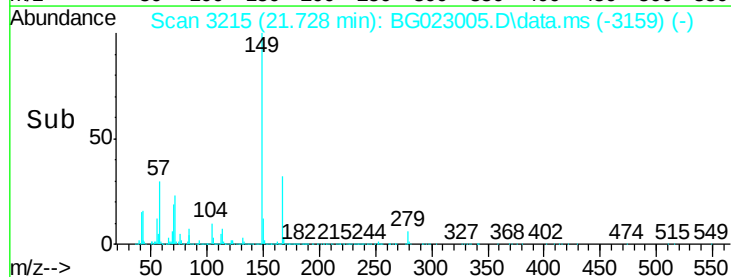
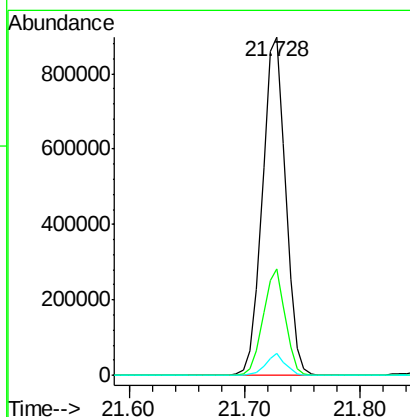
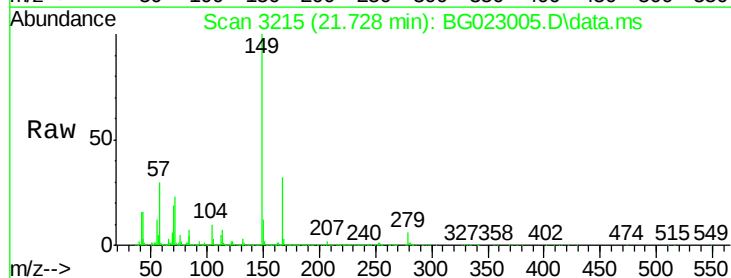
Tgt Ion:149 Resp: 1264461

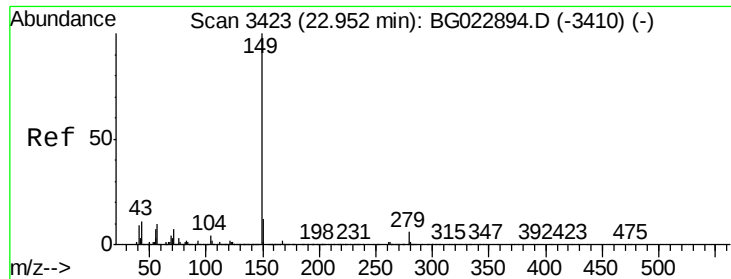
Ion Ratio Lower Upper

149 100

167 31.6 24.0 36.0

279 6.4 4.8 7.2

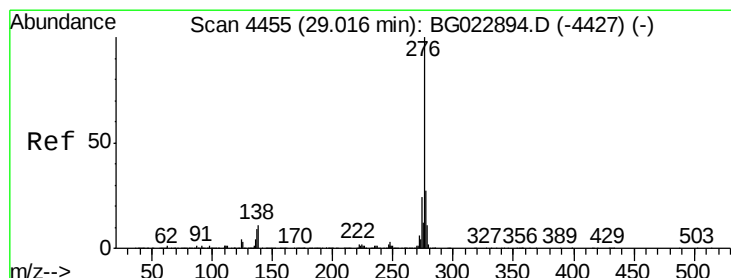
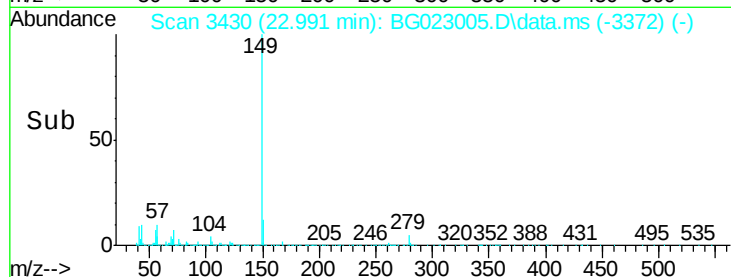
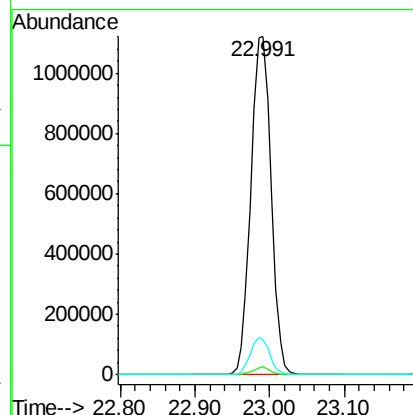
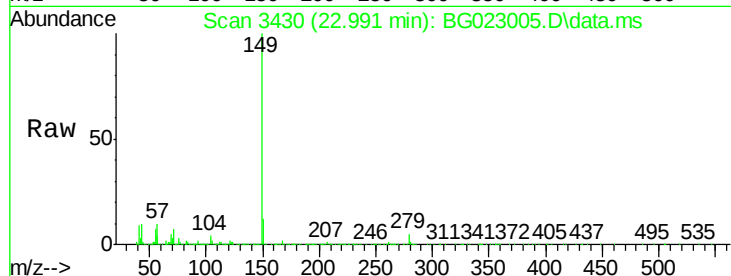




#84
Di-n-octyl phthalate
Concen: 45.72 ng
RT: 22.991 min Scan# 34
Delta R.T. 0.039 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

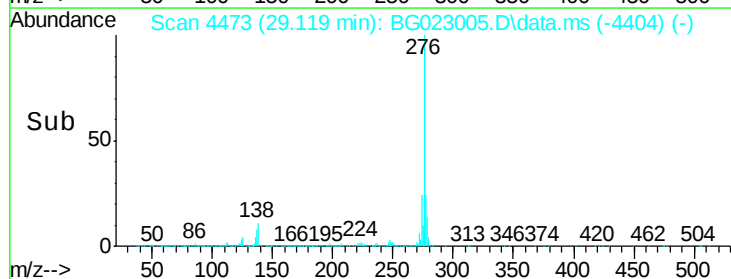
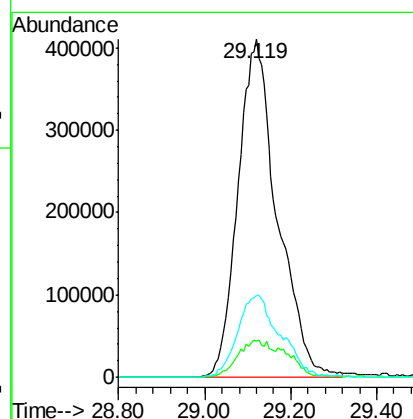
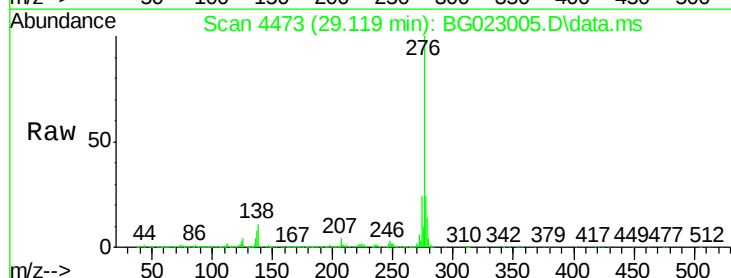
Instrument :
BNA_G
ClientSampleId :
PB92015BS

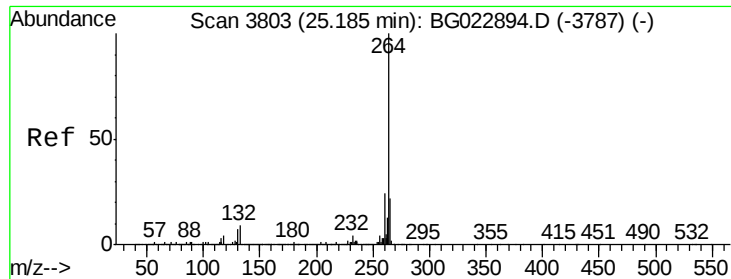
Tot Ion:149 Resp: 2102510
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 10.2 8.8 13.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 43.83 ng
RT: 29.119 min Scan# 4473
Delta R.T. 0.103 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:276 Resp: 2616740
Ion Ratio Lower Upper
276 100
138 7.0 0.0 0.0#
277 25.9 0.0 0.0#

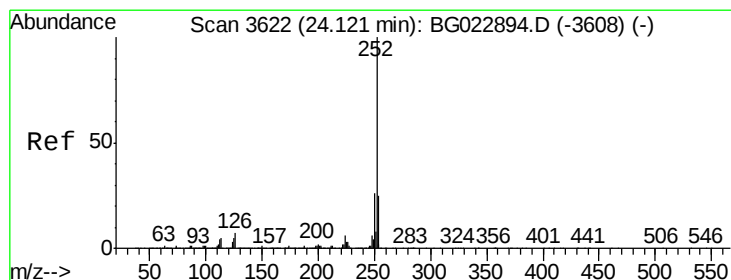
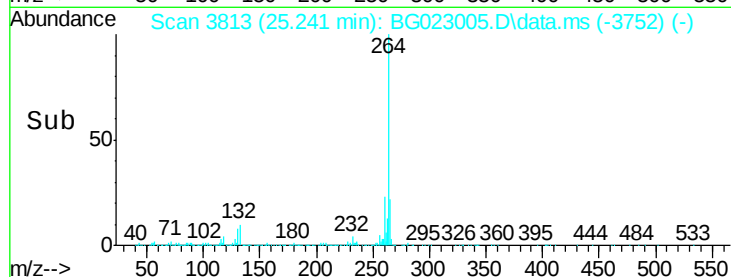
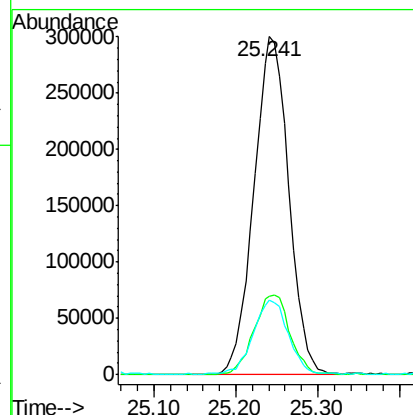
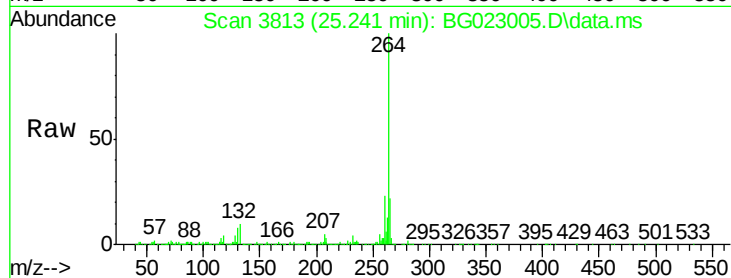




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.241 min Scan# 3813
Delta R.T. 0.056 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

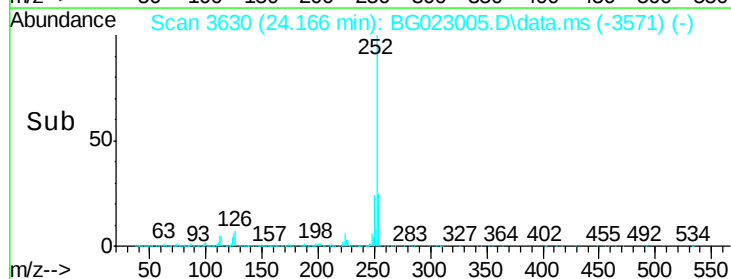
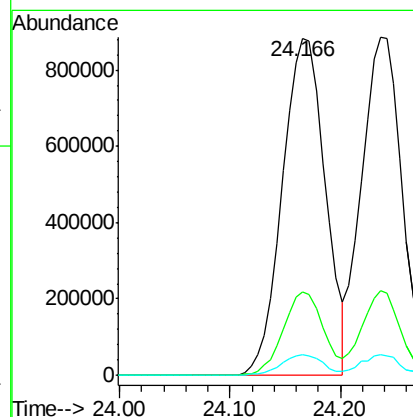
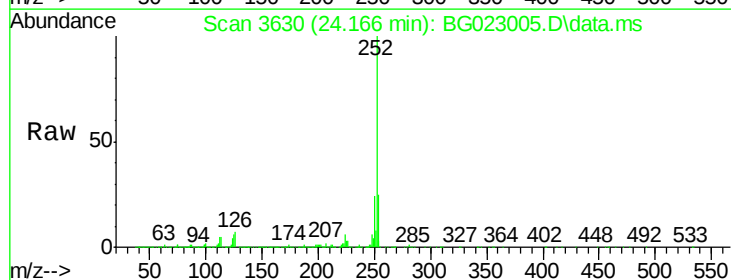
Instrument :
BNA_G
ClientSampled :
PB92015BS

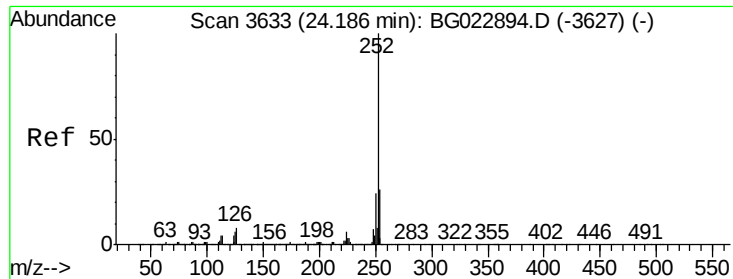
Tot Ion:	264	Resp:	888773
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.4	27.6
265	22.1	18.9	28.3



#87
Benzo(b)fluoranthene
Concen: 46.01 ng
RT: 24.166 min Scan# 3630
Delta R.T. 0.045 min
Lab File: BG023005.D
Acq: 11 Jul 2016 17:58

Tgt Ion:	252	Resp:	2359027
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.9	28.3
125	6.0	3.9	5.9#





#88

Benzo(k)fluoranthene

Concen: 46.26 ng

RT: 24.237 min Scan# 36

Delta R.T. 0.051 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

Instrument :

BNA_G

ClientSampleId :

PB92015BS

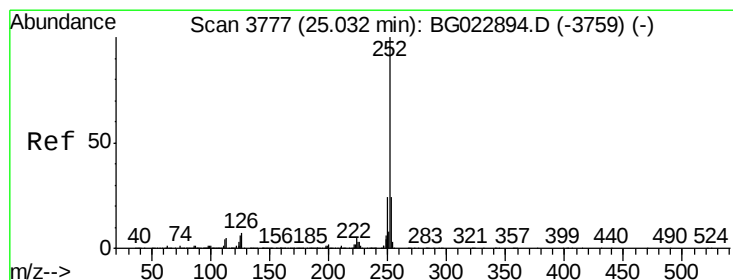
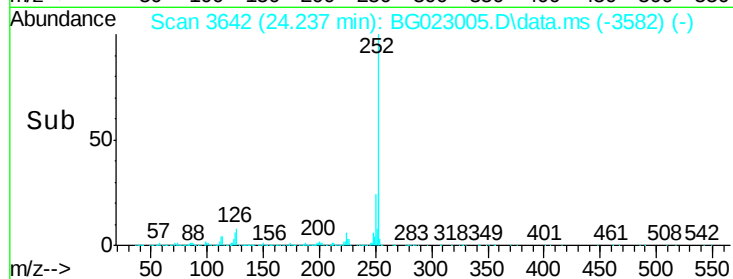
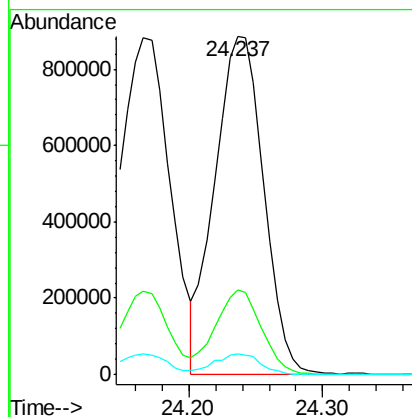
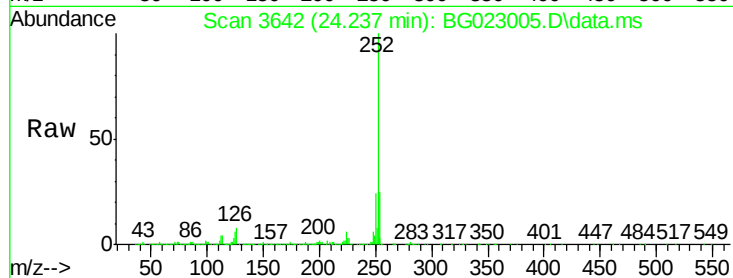
Tot Ion:252 Resp: 2250929

Ion Ratio Lower Upper

252 100

253 24.9 18.8 28.2

125 6.2 3.2 4.8#



#89

Benzo(a)pyrene

Concen: 46.49 ng

RT: 25.083 min Scan# 3786

Delta R.T. 0.051 min

Lab File: BG023005.D

Acq: 11 Jul 2016 17:58

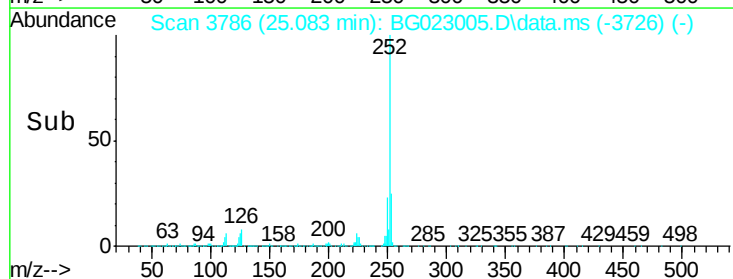
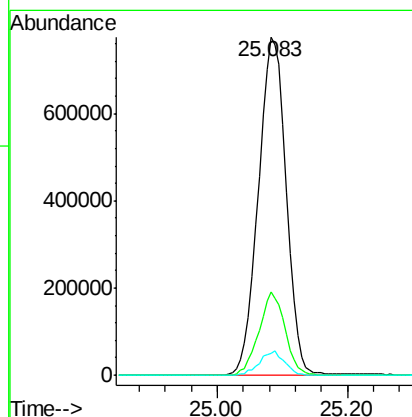
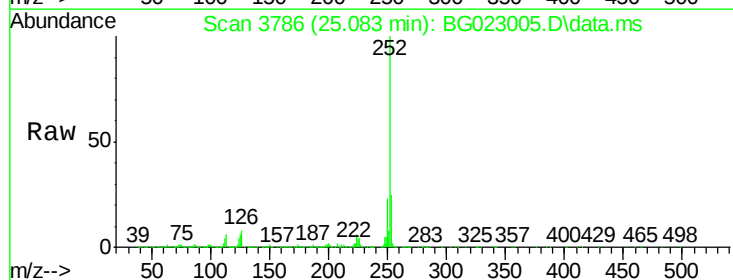
Tgt Ion:252 Resp: 2284966

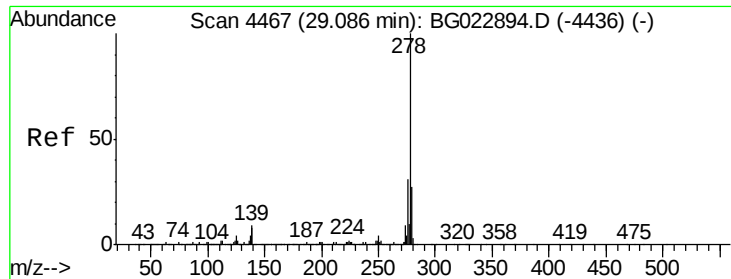
Ion Ratio Lower Upper

252 100

253 24.7 18.7 28.1

125 6.4 3.9 5.9#

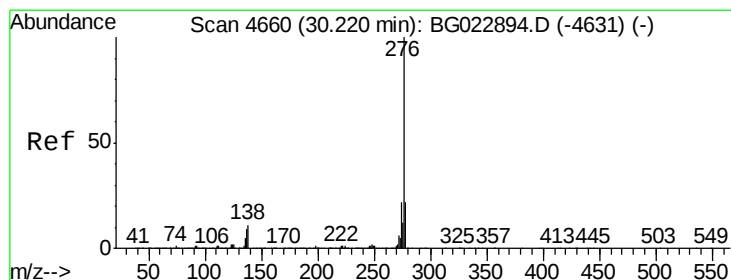
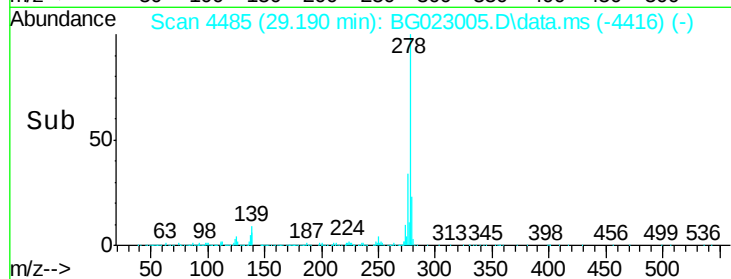
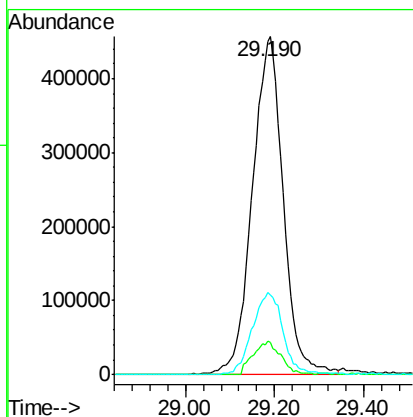
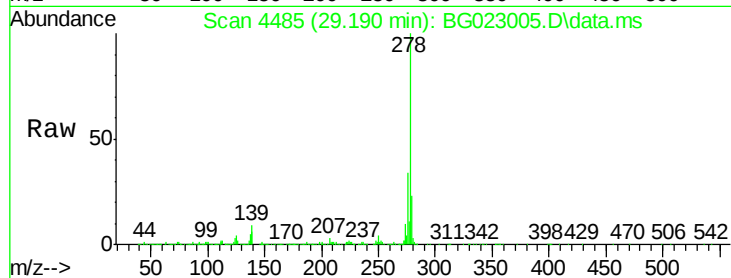




#90
 Dibenzo(a,h)anthracene
 Concen: 44.49 ng
 RT: 29.190 min Scan# 44
 Delta R.T. 0.103 min
 Lab File: BG023005.D
 Acq: 11 Jul 2016 17:58

Instrument :
 BNA_G
 ClientSampleId :
 PB92015BS

Tot Ion:278 Resp: 2170666
 Ion Ratio Lower Upper
 278 100
 139 9.5 4.7 7.1#
 279 23.4 18.3 27.5



#91
 Benzo(g,h,i)perylene
 Concen: 44.29 ng
 RT: 30.329 min Scan# 4679
 Delta R.T. 0.109 min
 Lab File: BG023005.D
 Acq: 11 Jul 2016 17:58

Tgt Ion:276 Resp: 2163725
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.6 27.8
 138 12.1 6.8 10.2#

