

Data Path : Z:\HPCHEM1\BNA G\Data\BG101916\
 Data File : BG024443.D
 Acq On : 19 Oct 2016 15:24
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

Quant Time: Oct 19 17:29:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 19 10:58:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.281	152	126398	20.00	ng/ul	0.00
18) Naphthalene-d8	11.107	136	590302	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.897	164	475043	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.735	188	941657	20.00	ng/ul	0.10
75) Chrysene-d12	21.936	240	1106131	20.00	ng/ul	0.00
83) Perylene-d12	25.379	264	1141482	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.639	96	21748	8.17	ng/uL	0.00
5) Phenol-d5	7.411	99	257030	21.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.599	67	155789	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.805	132	173537	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.968	113	214183	22.47	ng/ul	0.00
19) Nitrobenzene-d5	9.456	128	96095	22.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.179	143	111501	23.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.713	165	215608	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.236	131	248749	23.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.292	166	690162	20.81	ng/ul	0.00
46) Acenaphthylene-d8	14.597	160	836445	22.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.061	143	117321	19.95	ng/ul	0.00
57) Fluorene-d10	15.884	176	664197	21.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.990	200	132944	23.49	ng/ul	0.00
70) Anthracene-d10	17.735	188	941500	22.13	ng/ul	0.00
76) Pyrene-d10	20.003	212	1060947	20.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.138	264	1080659	21.04	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.675	88	23463	8.14	ng/uL#	84
4) Benzaldehyde	7.411	77	192957	23.25	ng/ul	99
6) Phenol	7.441	94	262328	21.92	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.688	93	186778	21.20	ng/ul	97
10) 2-Chlorophenol	7.840	128	172695	20.98	ng/ul	86
11) 2-Methylphenol	8.710	108	186413	21.03	ng/ul	93
12) 2,2'-oxybis(1-Chloropr...	8.810	45	332037	18.87	ng/ul	97
14) Acetophenone	9.109	105	308547	21.79	ng/ul	95
15) N-Nitroso-di-n-propyla...	9.086	70	176110	20.63	ng/ul#	93
16) 4-Methylphenol	9.033	108	207873	22.11	ng/ul	94
17) Hexachloroethane	9.374	117	78917	20.73	ng/ul	96
20) Nitrobenzene	9.497	77	278418	21.00	ng/ul	96
21) Isophorone	10.014	82	519948	21.58	ng/ul#	98
23) 2-Nitrophenol	10.214	139	109146	21.37	ng/ul#	83
24) 2,4-Dimethylphenol	10.249	107	267609	21.26	ng/ul	93
25) Bis(2-Chloroethoxy)met...	10.496	93	274506	20.78	ng/ul	94
27) 2,4-Dichlorophenol	10.743	162	216274	22.10	ng/ul	97
28) Naphthalene	11.160	128	587906	20.68	ng/ul	100
30) 4-Chloroaniline	11.266	127	250957	23.06	ng/ul	92
31) Hexachlorobutadiene	11.430	225	174919	22.32	ng/ul	91
32) Caprolactam	12.018	113	78385	21.07	ng/ul	99
33) 4-Chloro-3-methylphenol	12.347	107	248934	20.79	ng/ul	96
34) 2-Methylnaphthalene	12.746	142	484738	21.45	ng/ul	93

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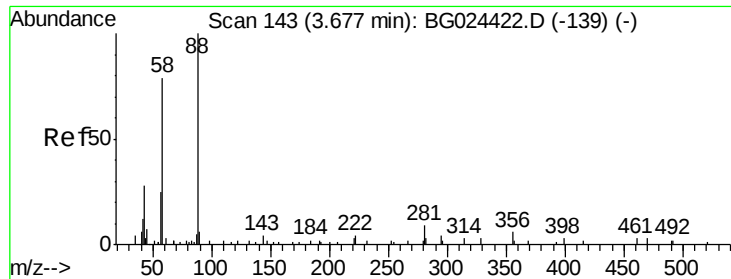
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachloroben...	13.099	216	324528	23.17	ng/ul#	92
37) Hexachlorocyclopentadiene	13.075	237	204209	19.88	ng/ul	94
38) 2,4,6-Trichlorophenol	13.334	196	201955	22.23	ng/ul	92
39) 2,4,5-Trichlorophenol	13.399	196	222565	22.30	ng/ul	100
40) 1,1'-Biphenyl	13.733	154	675739	21.96	ng/ul	96
41) 2-Chloronaphthalene	13.780	162	530860	22.01	ng/ul	98
42) 2-Nitroaniline	13.980	65	201642	21.97	ng/ul	95
44) Dimethylphthalate	14.339	163	674555	20.74	ng/ul	99
45) 2,6-Dinitrotoluene	14.462	165	142838	22.64	ng/ul	92
47) Acenaphthylene	14.627	152	801835	21.93	ng/ul	99
48) 3-Nitroaniline	14.797	138	136341	22.87	ng/ul#	80
49) Acenaphthene	14.961	153	551129	21.09	ng/ul	98
50) 2,4-Dinitrophenol	14.997	184	87167	20.59	ng/ul	82
52) 4-Nitrophenol	15.079	109	147778	20.74	ng/ul	91
53) Dibenzofuran	15.290	168	818913	21.29	ng/ul	97
54) 2,4-Dinitrotoluene	15.243	165	210740	22.54	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.508	232	212857	21.72	ng/ul#	94
56) Diethylphthalate	15.684	149	694088	20.24	ng/ul	98
58) Fluorene	15.937	166	651593	20.49	ng/ul	95
59) 4-Chlorophenyl-phenyle...	15.919	204	366301	20.75	ng/ul	88
60) 4-Nitroaniline	15.954	138	141010	20.54	ng/ul	91
64) N-Nitrosodiphenylamine	16.137	169	590835	22.18	ng/ul	97
65) 4-Bromophenyl-phenylether	16.818	248	253612	23.26	ng/ul	97
66) Hexachlorobenzene	16.936	284	289046	23.75	ng/ul#	93
67) Atrazine	17.071	200	246188	22.60	ng/ul	93
68) Pentachlorophenol	17.276	266	175809	23.77	ng/ul	89
69) Phenanthrene	17.770	178	1066795	22.44	ng/ul	99
71) Anthracene	17.770	178	1062680	21.96	ng/ul	99
72) Carbazole	18.034	167	894043	23.54	ng/ul	97
73) Di-n-butylphthalate	18.569	149	1084683	23.35	ng/ul	99
74) Fluoranthene	19.674	202	1223669	25.48	ng/ul	98
77) Pyrene	20.038	202	1204346	20.38	ng/ul	98
78) Butylbenzylphthalate	20.896	149	485230	20.44	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.818	252	467593	22.70	ng/ul	93
80) Benzo(a)anthracene	21.912	228	1293195	21.07	ng/ul	98
81) Bis(2-ethylhexyl)phtha...	21.777	149	688151	20.50	ng/ul	99
82) Chrysene	21.983	228	1249558	21.38	ng/ul	98
84) Di-n-octyl phthalate	23.064	149	1204361	22.49	ng/ul	100
85) Benzo(b)fluoranthene	24.274	252	1312785	20.71	ng/ul	99
86) Benzo(k)fluoranthene	24.274	252	1312785	21.51	ng/ul	98
88) Benzo(a)pyrene	25.208	252	1242162	20.58	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.333	276	1559177	21.81	ng/ul	99
90) Dibenzo(a,h)anthracene	29.397	278	1306391	21.61	ng/ul	98
91) Benzo(g,h,i)perylene	30.573	276	1255178	20.88	ng/ul	98

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



#2

1,4-Dioxane

Concen: 8.14 ng/uL

RT: 3.675 min Scan# 14

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

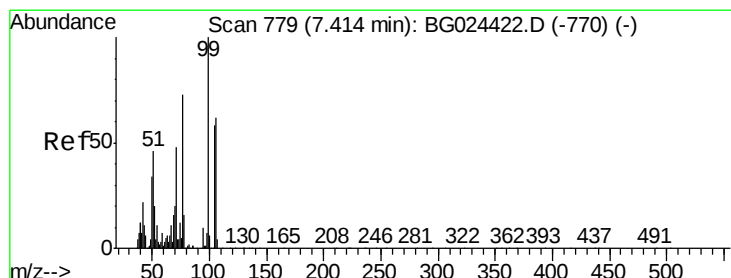
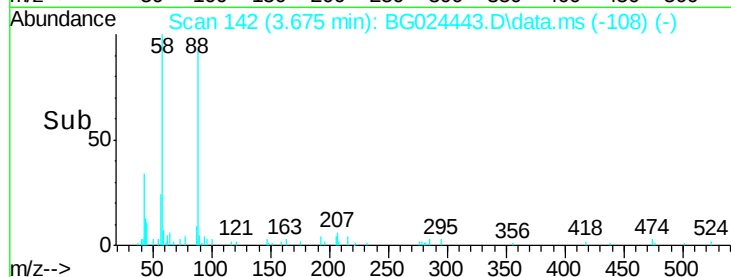
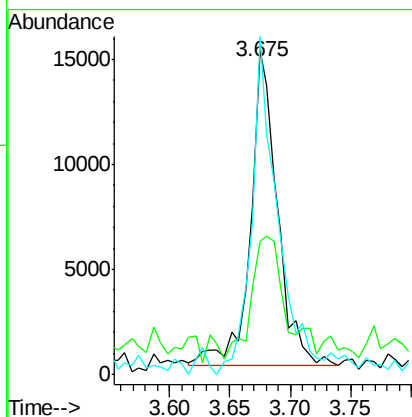
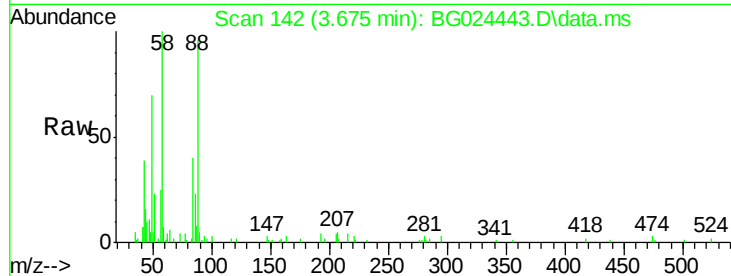
Tot Ion: 88 Resp: 23463

Ion Ratio Lower Upper

88 100

43 41.0 39.2 58.8

58 104.1 69.4 104.0#



#4

Benzaldehyde

Concen: 23.25 ng/uL

RT: 7.411 min Scan# 778

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

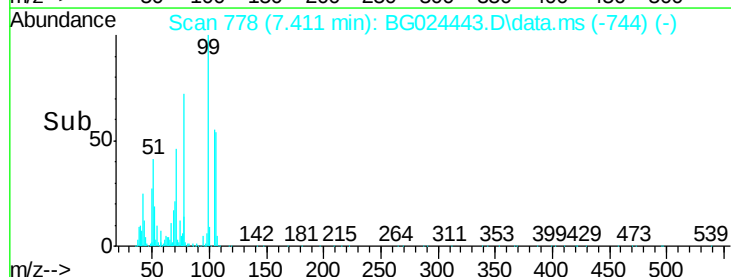
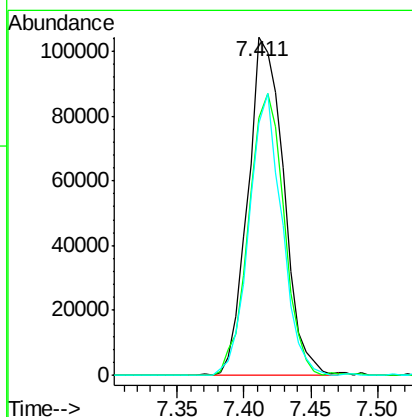
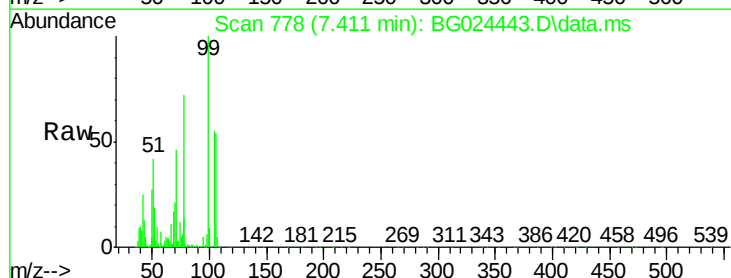
Tgt Ion: 77 Resp: 192957

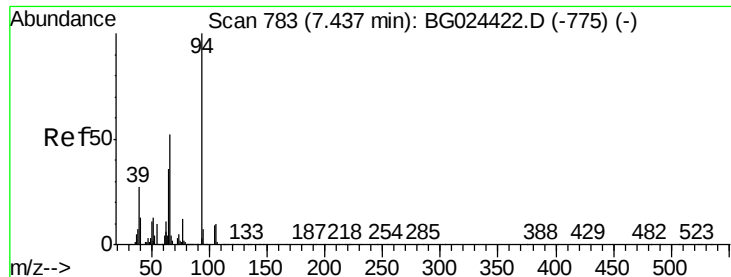
Ion Ratio Lower Upper

77 100

105 76.0 62.0 93.0

106 74.8 60.2 90.4





#6

Phenol

Concen: 21.92 ng/ul

RT: 7.441 min Scan# 78

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

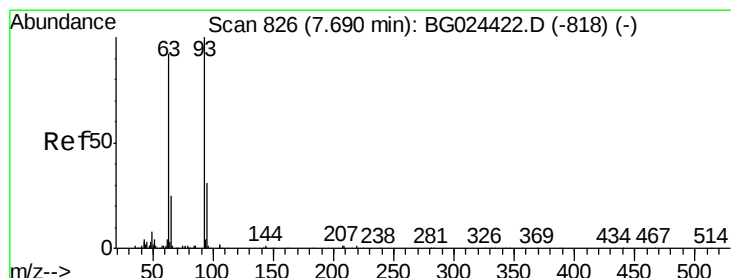
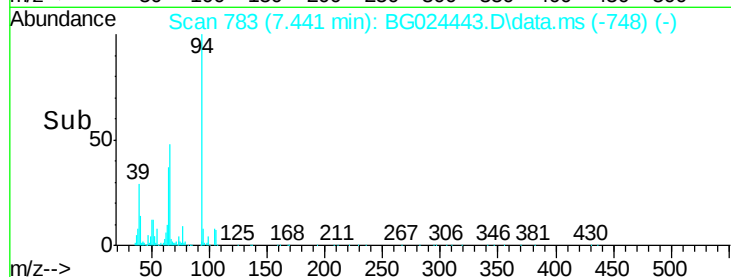
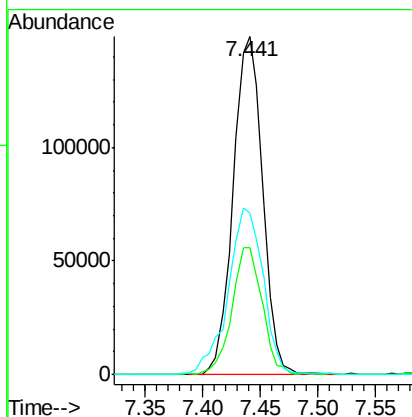
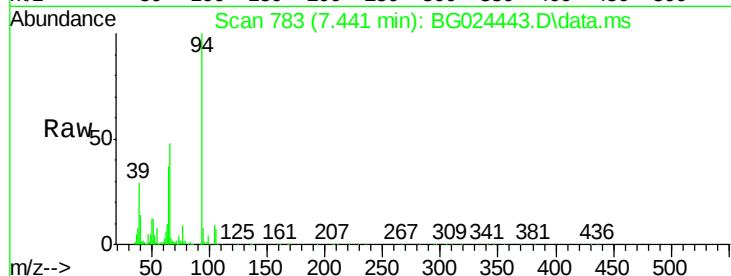
Tot Ion: 94 Resp: 262328

Ion Ratio Lower Upper

94 100

65 37.4 26.8 40.2

66 47.7 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 21.20 ng/ul

RT: 7.688 min Scan# 825

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

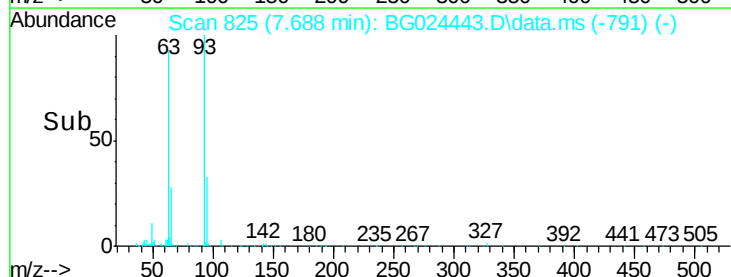
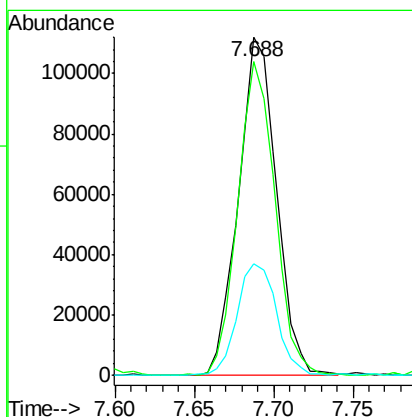
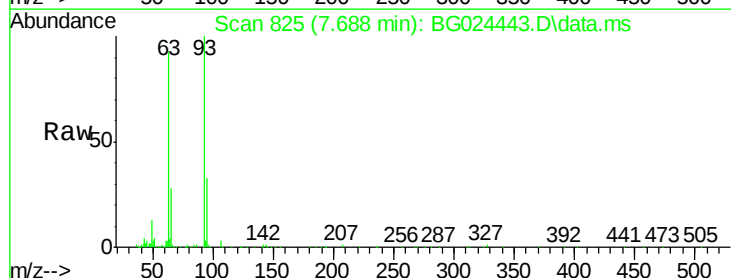
Tgt Ion: 93 Resp: 186778

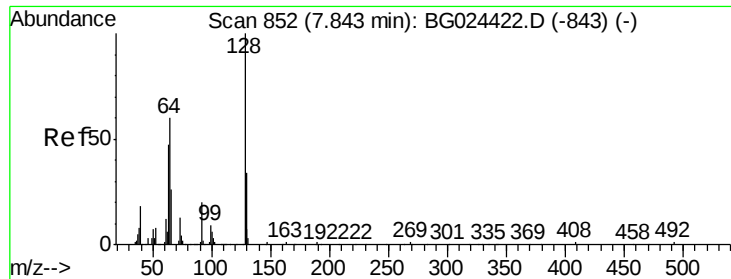
Ion Ratio Lower Upper

93 100

63 92.9 75.5 113.3

95 33.1 29.2 43.8





#10

2-Chlorophenol

Concen: 20.98 ng/ul

RT: 7.840 min Scan# 85

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

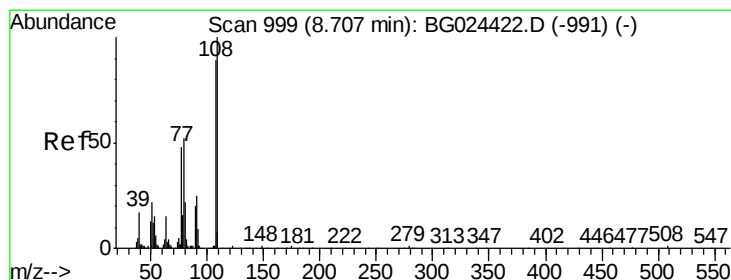
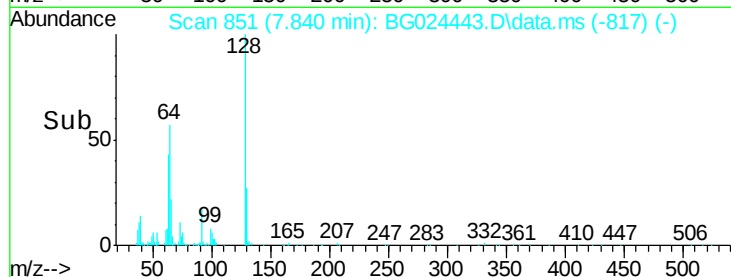
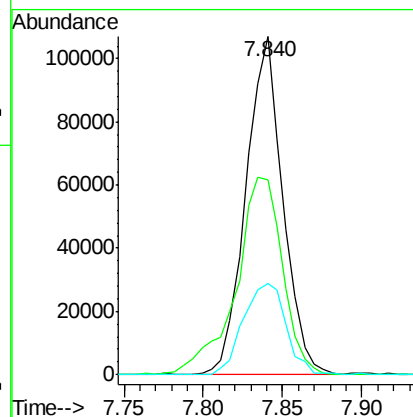
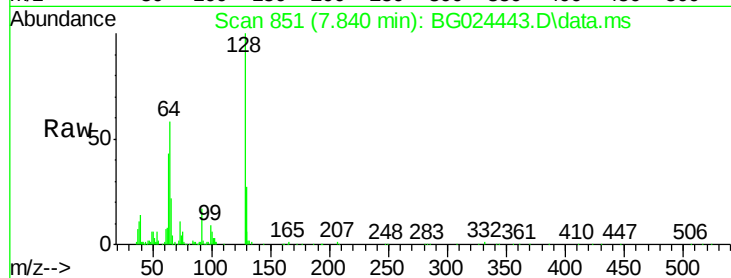
Tot Ion:128 Resp: 172695

Ion Ratio Lower Upper

128 100

64 57.6 56.3 84.5

130 26.9 26.7 40.1



#11

2-Methylphenol

Concen: 21.03 ng/ul

RT: 8.710 min Scan# 999

Delta R.T. 0.003 min

Lab File: BG024443.D

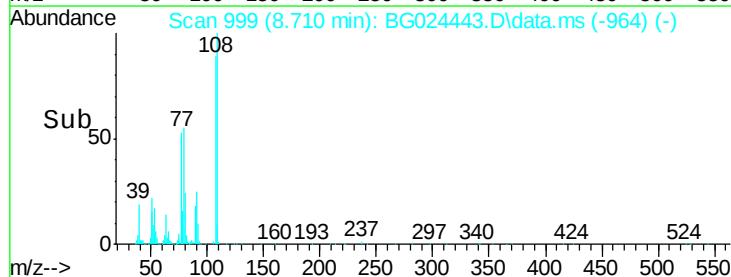
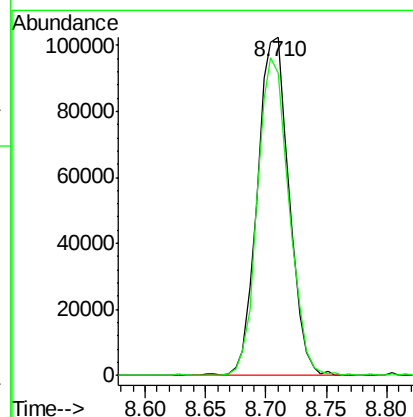
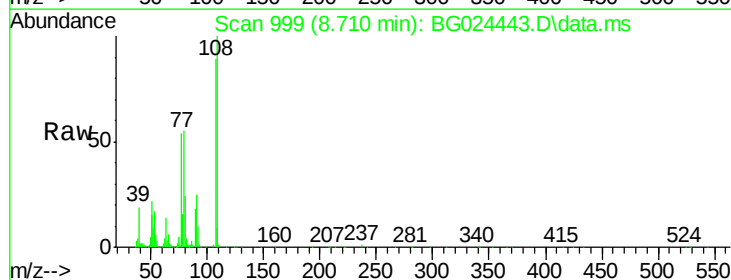
Acq: 19 Oct 2016 15:24

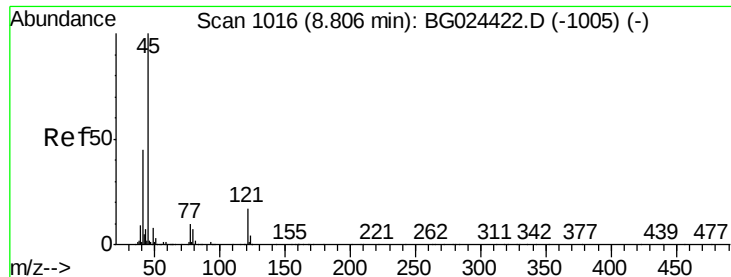
Tgt Ion:108 Resp: 186413

Ion Ratio Lower Upper

108 100

107 89.4 76.7 115.1

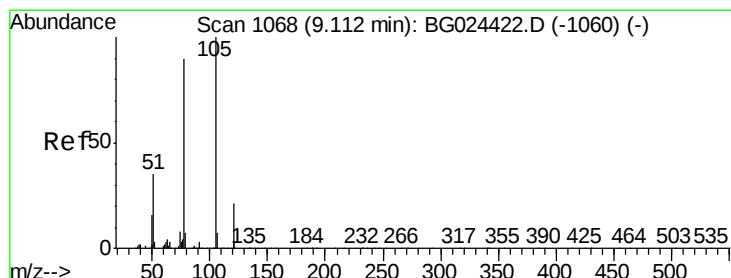
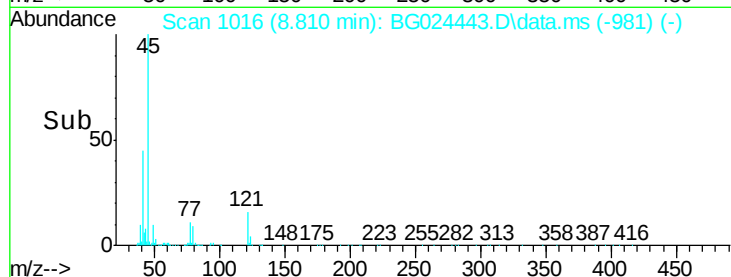
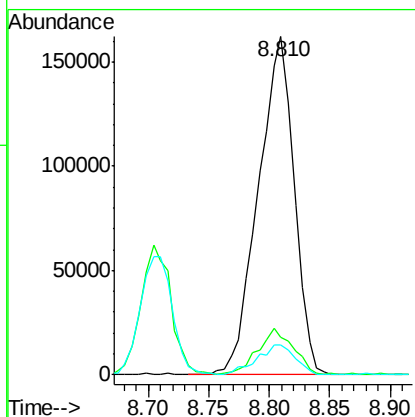
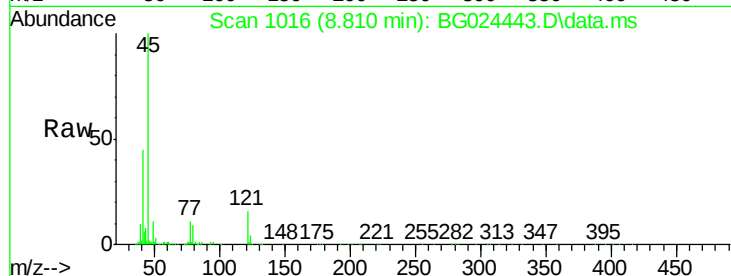




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.87 ng/ul
RT: 8.810 min Scan# 1016
Delta R.T. 0.003 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

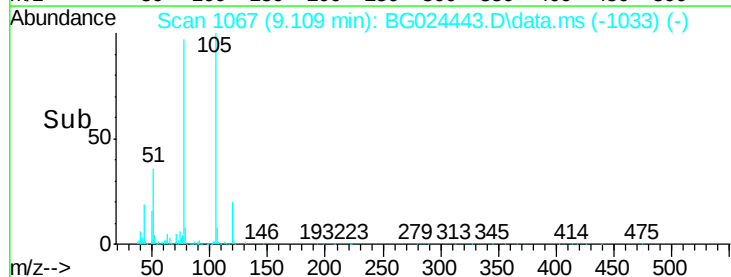
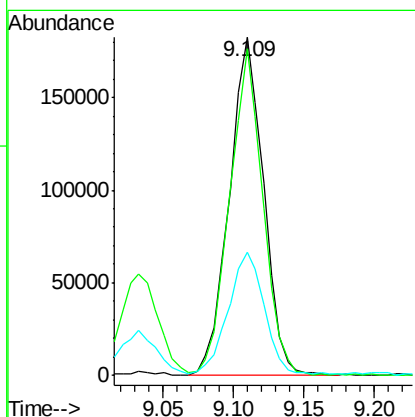
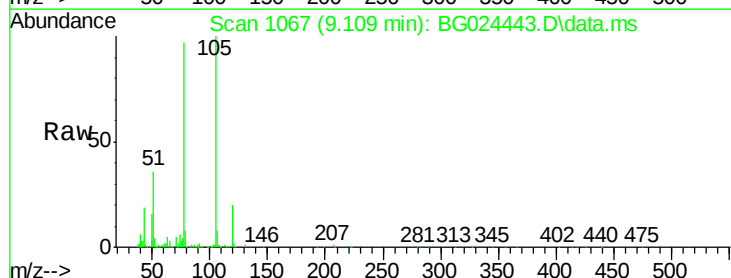
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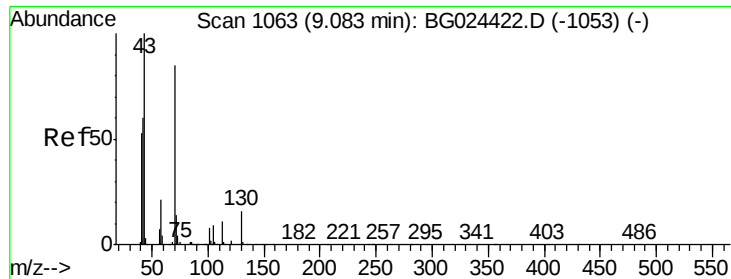
Tot Ion	Ratio	Lower	Upper
45	100		
77	10.8	10.0	15.0
79	8.7	7.3	10.9



#14
Acetophenone
Concen: 21.79 ng/ul
RT: 9.109 min Scan# 1067
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
105	100		
77	96.6	76.0	114.0
51	36.4	34.8	52.2

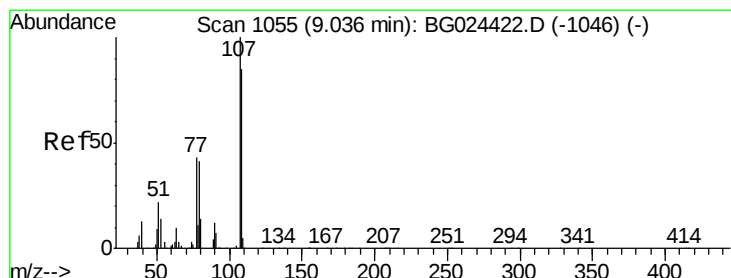
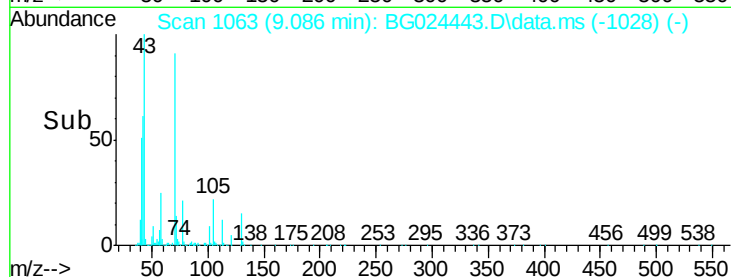
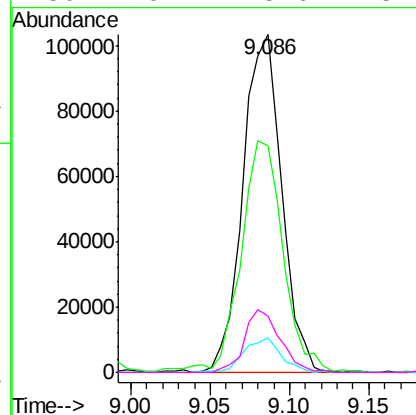
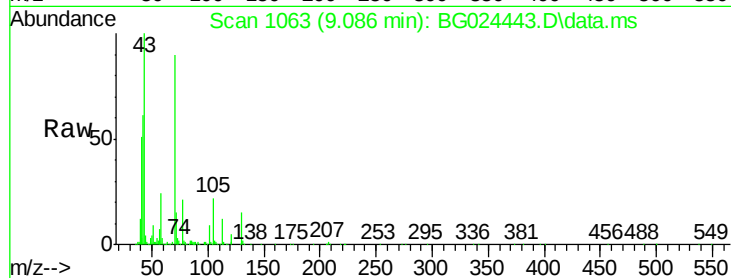




#15
N-Nitroso-di-n-propylamine
Concen: 20.63 ng/ul
RT: 9.086 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

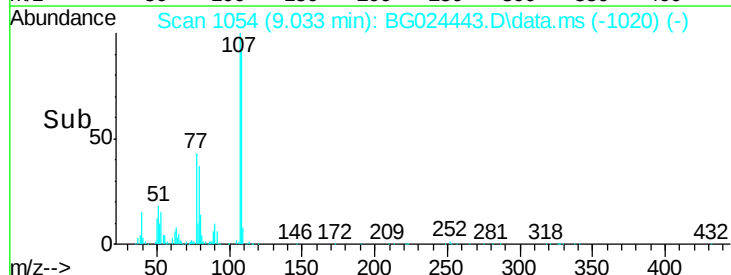
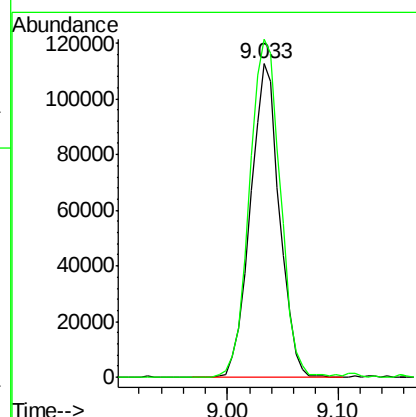
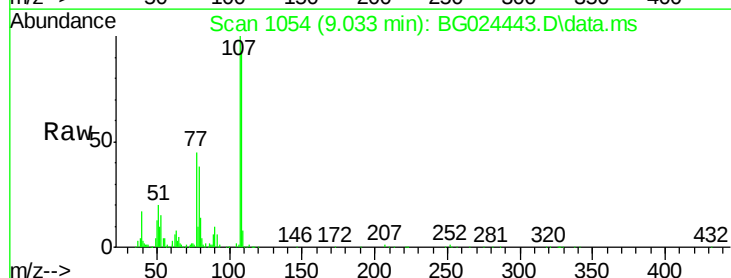
Instrument :
BNA_G
ClientSampleId :
SSTD02005

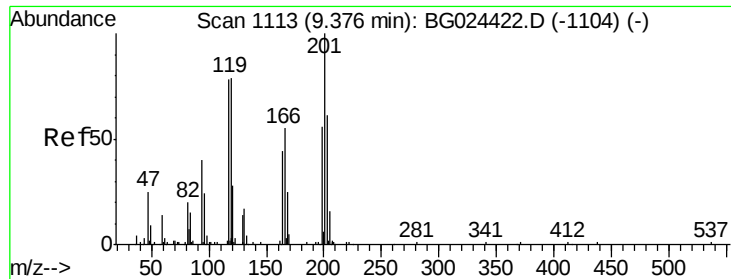
Tot Ion: 70 Resp: 176110
Ion Ratio Lower Upper
70 100
42 67.1 59.0 88.6
101 10.2 6.6 9.8#
130 16.7 15.6 23.4



#16
4-Methylphenol
Concen: 22.11 ng/ul
RT: 9.033 min Scan# 1054
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion: 108 Resp: 207873
Ion Ratio Lower Upper
108 100
107 107.9 91.7 137.5

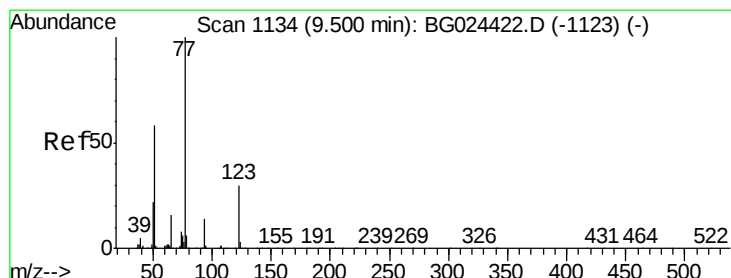
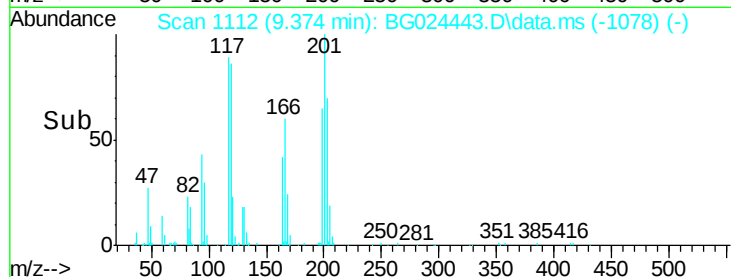
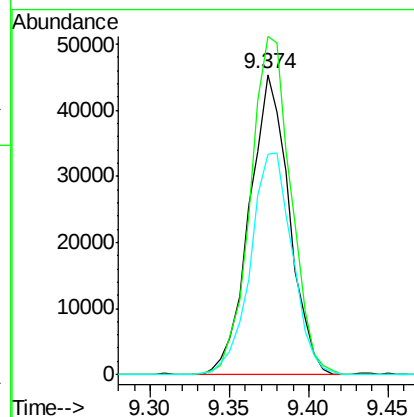
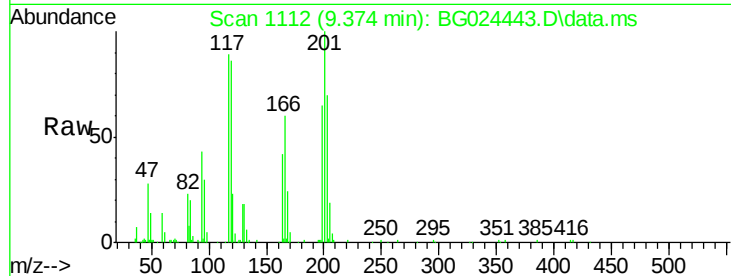




#17
Hexachloroethane
Concen: 20.73 ng/ul
RT: 9.374 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

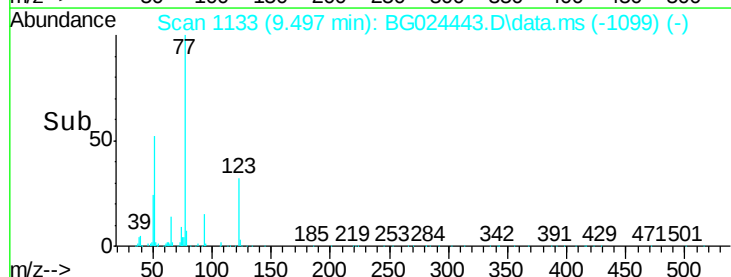
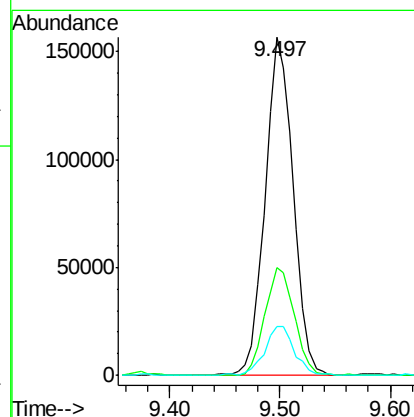
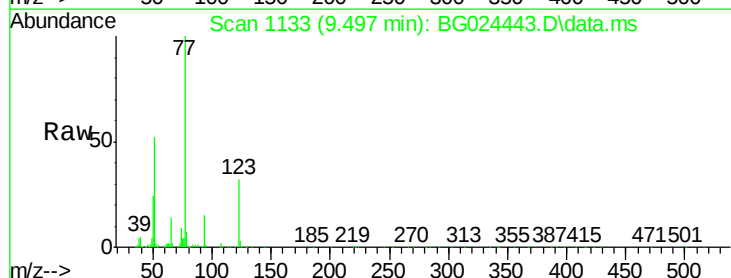
Instrument :
BNA_G
ClientSampleId :
SSTD02005

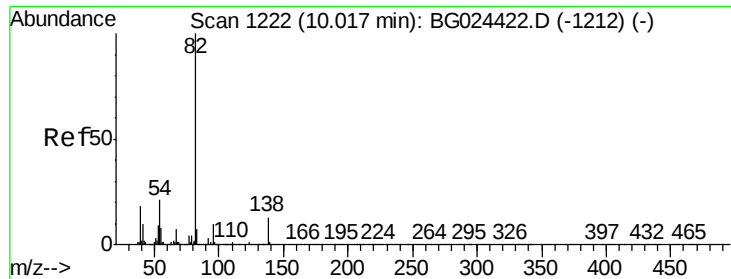
Tot Ion:117 Resp: 78917
Ion Ratio Lower Upper
117 100
201 112.7 91.9 137.9
199 73.5 64.3 96.5



#20
Nitrobenzene
Concen: 21.00 ng/ul
RT: 9.497 min Scan# 1133
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion: 77 Resp: 278418
Ion Ratio Lower Upper
77 100
123 31.8 27.4 41.0
65 14.4 13.3 19.9





#21

Isophorone

Concen: 21.58 ng/ul

RT: 10.014 min Scan# 12

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

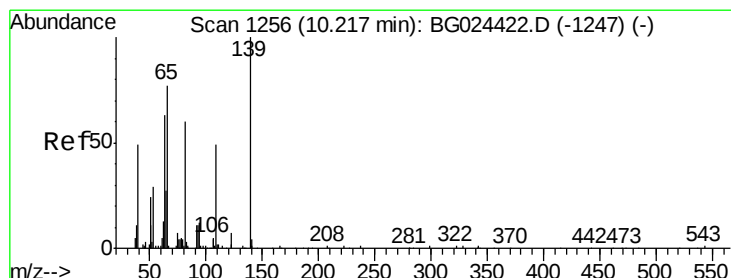
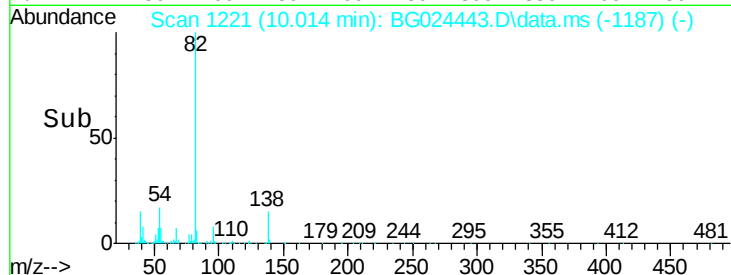
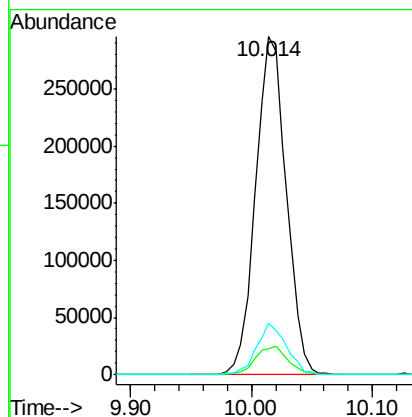
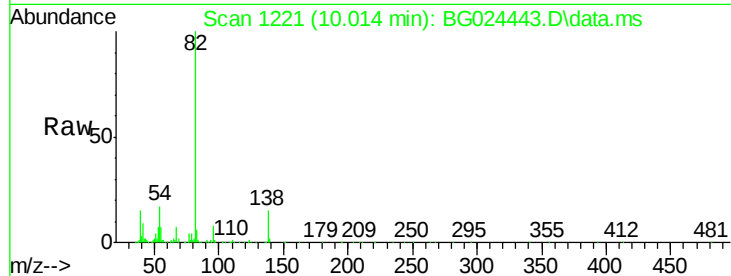
Tot Ion: 82 Resp: 519948

Ion Ratio Lower Upper

82 100

95 7.6 7.8 11.6#

138 15.1 12.2 18.2



#23

2-Nitrophenol

Concen: 21.37 ng/ul

RT: 10.214 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

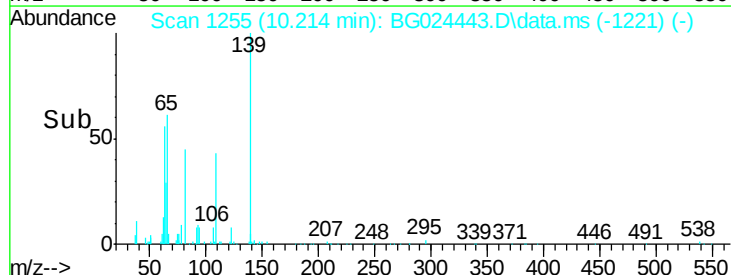
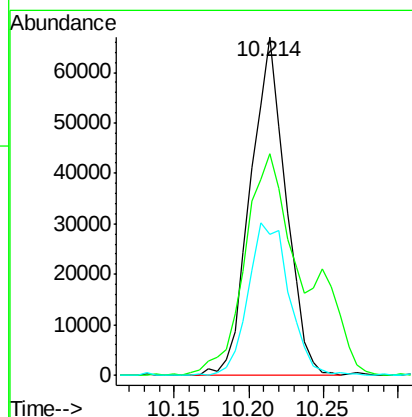
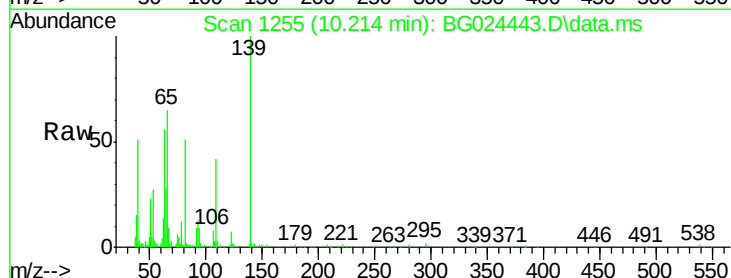
Tgt Ion: 139 Resp: 109146

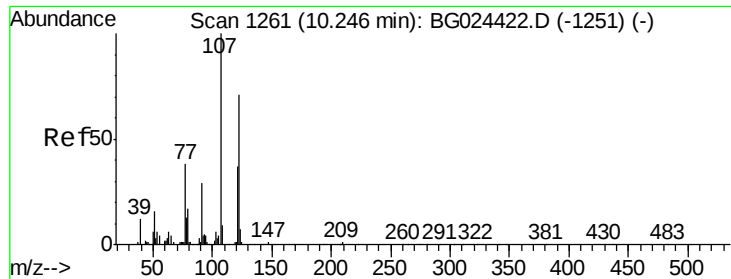
Ion Ratio Lower Upper

139 100

65 65.4 67.0 100.6#

109 41.9 39.6 59.4

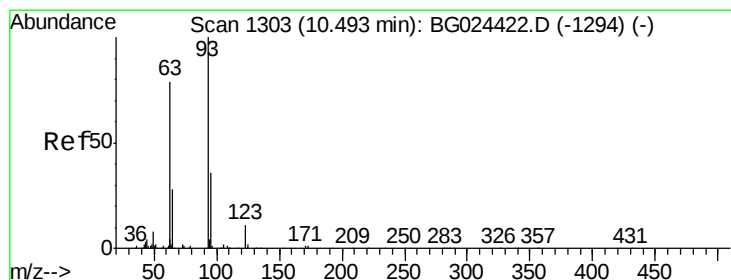
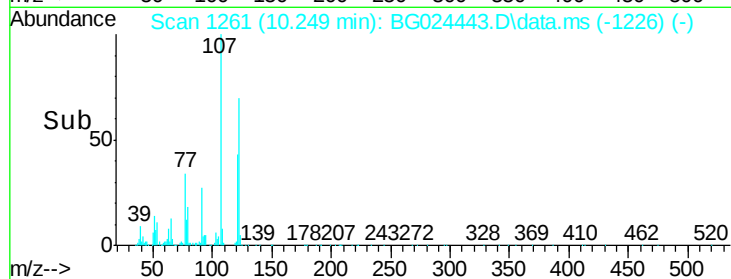
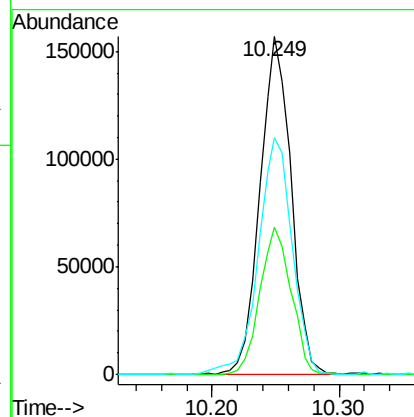
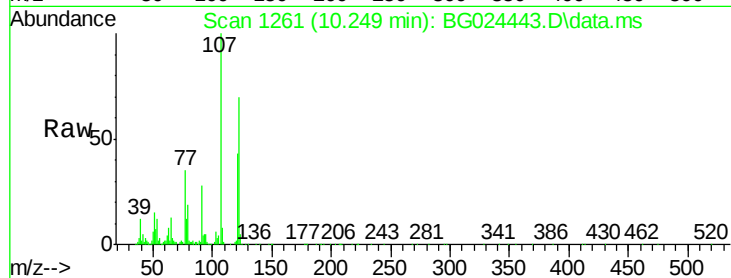




#24
 2,4-Dimethylphenol
 Concen: 21.26 ng/ul
 RT: 10.249 min Scan# 12
 Delta R.T. 0.003 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

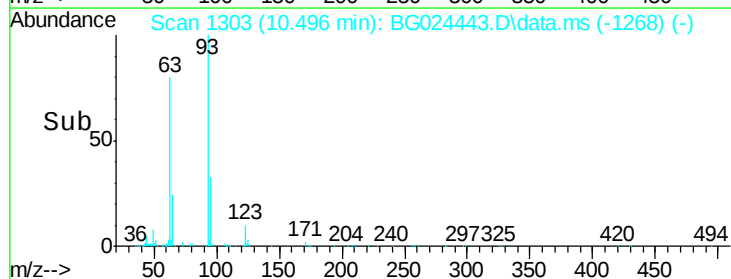
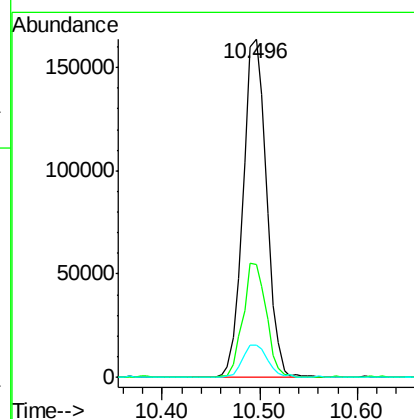
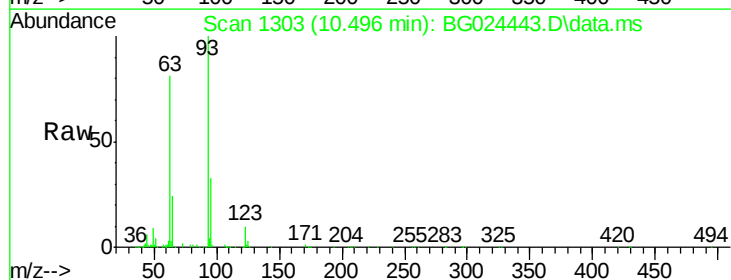
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

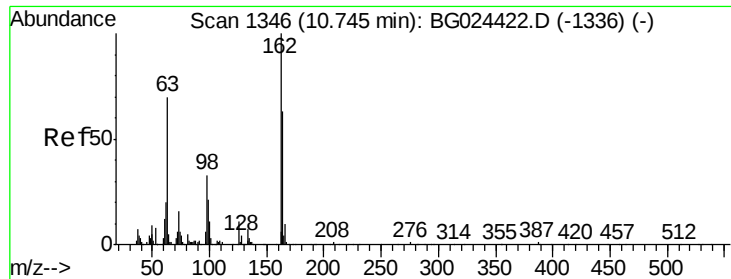
Tot Ion	Ratio	Lower	Upper
107	100		
121	43.4	32.3	48.5
122	69.9	61.2	91.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.78 ng/ul
 RT: 10.496 min Scan# 1303
 Delta R.T. 0.003 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	23.4	35.0
123	9.6	7.8	11.6

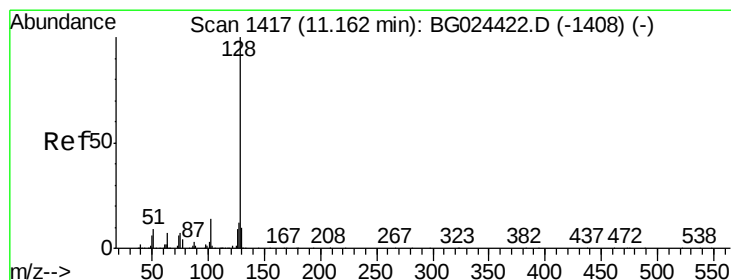
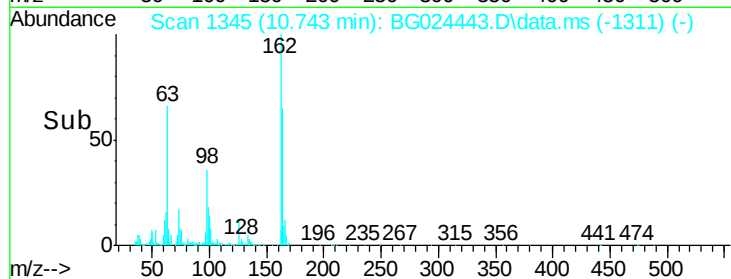
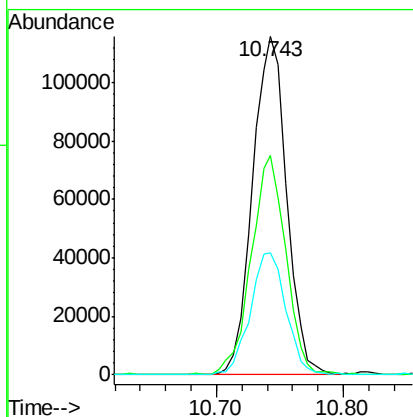
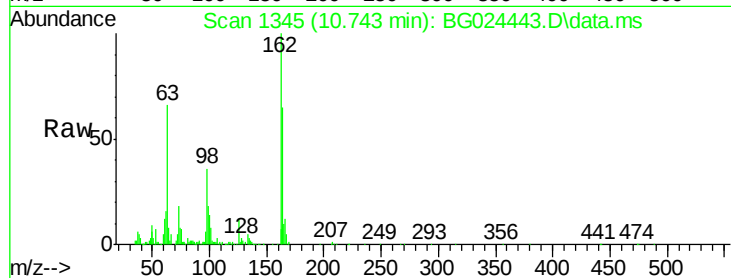




#27
 2,4-Dichlorophenol
 Concen: 22.10 ng/ul
 RT: 10.743 min Scan# 13
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

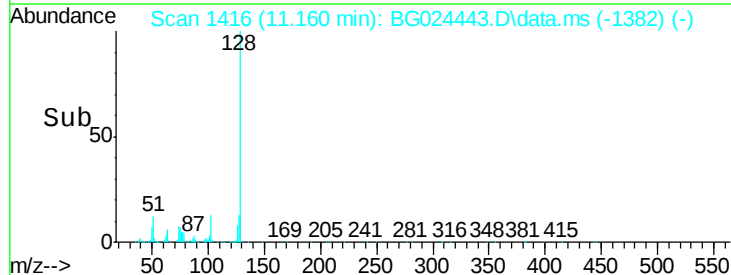
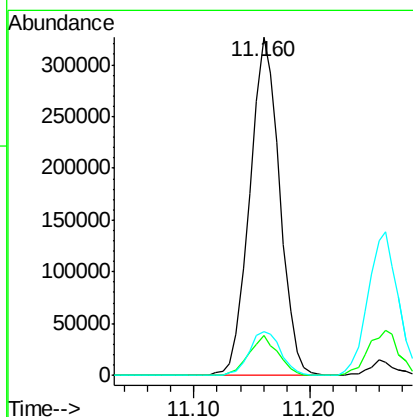
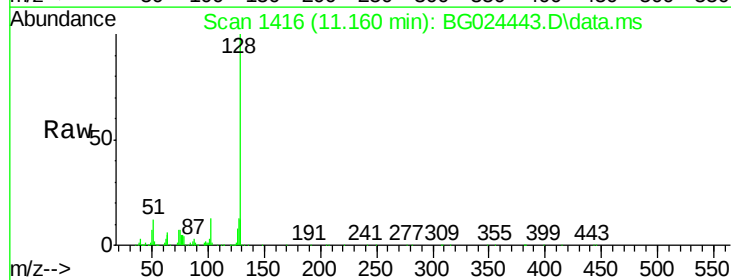
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

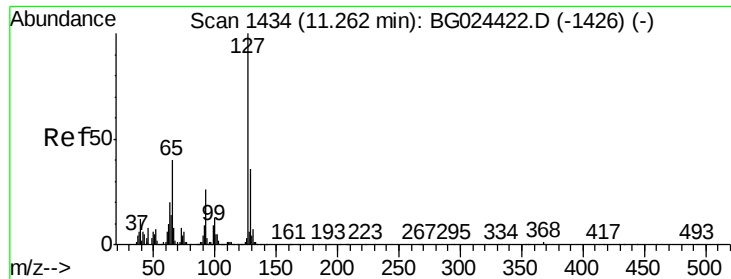
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	50.8	76.2
98	36.1	32.1	48.1



#28
 Naphthalene
 Concen: 20.68 ng/ul
 RT: 11.160 min Scan# 1416
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	12.9	10.3	15.5

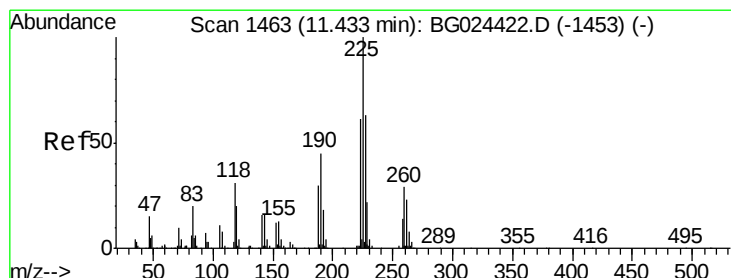
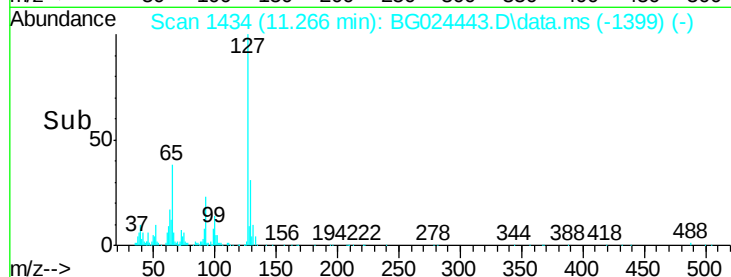
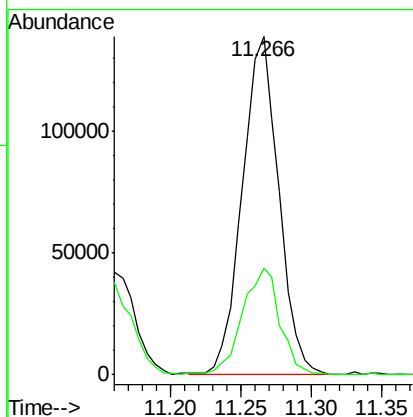
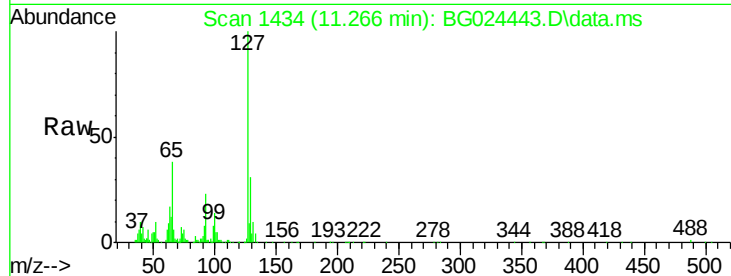




#30
4-Chloroaniline
Concen: 23.06 ng/ul
RT: 11.266 min Scan# 14
Delta R.T. 0.003 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

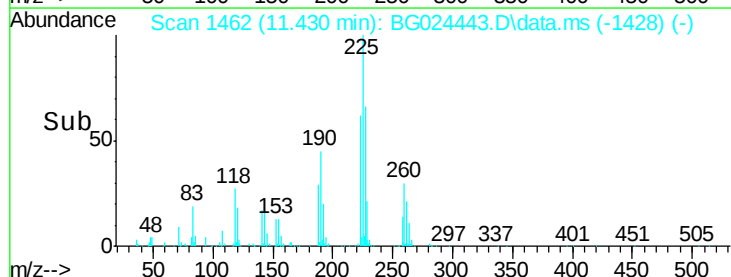
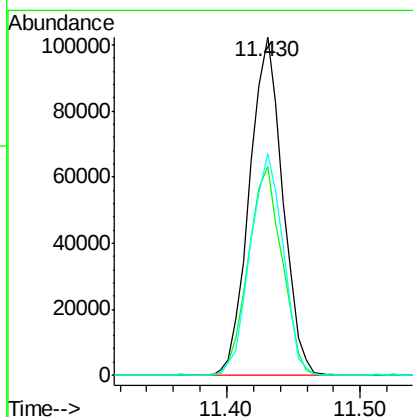
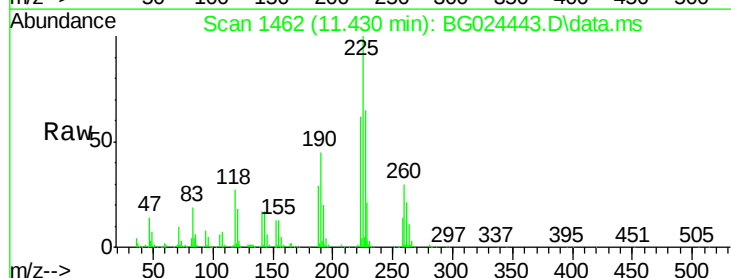
Instrument :
BNA_G
ClientSampleId :
SSTD02005

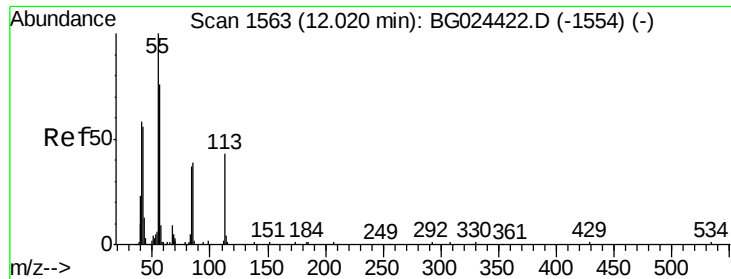
Tot Ion:127 Resp: 250957
Ion Ratio Lower Upper
127 100
129 31.3 28.9 43.3



#31
Hexachlorobutadiene
Concen: 22.32 ng/ul
RT: 11.430 min Scan# 1462
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion:225 Resp: 174919
Ion Ratio Lower Upper
225 100
223 61.7 45.9 68.9
227 65.5 44.7 67.1





#32

Caprolactam

Concen: 21.07 ng/ul

RT: 12.018 min Scan# 15

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

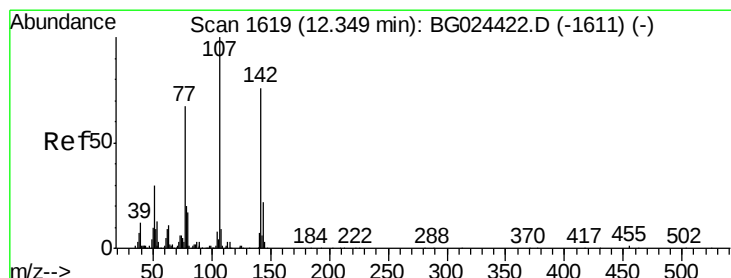
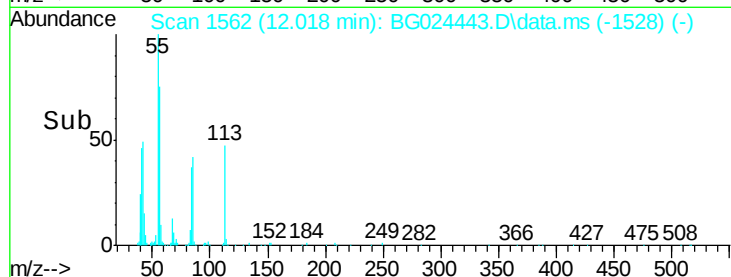
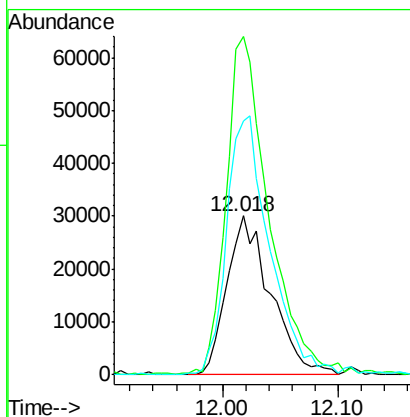
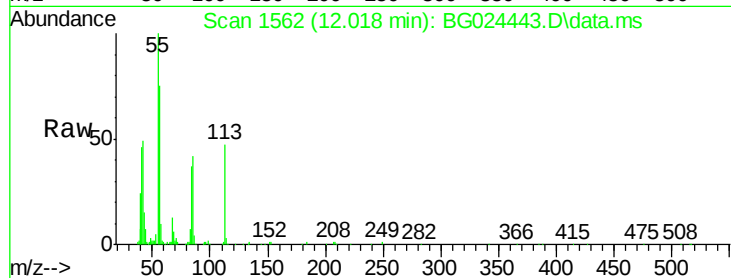
Tot Ion:113 Resp: 78385

Ion Ratio Lower Upper

113 100

55 213.3 168.6 252.8

56 160.4 128.5 192.7



#33

4-Chloro-3-methylphenol

Concen: 20.79 ng/ul

RT: 12.347 min Scan# 1618

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

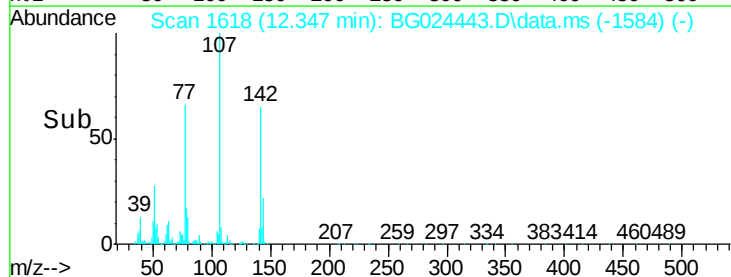
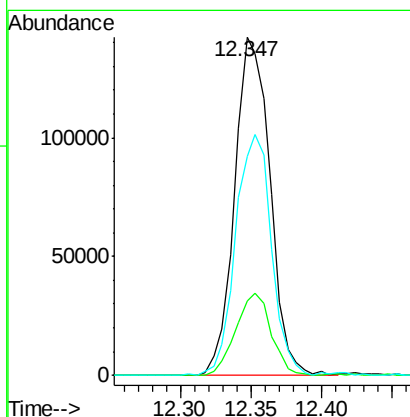
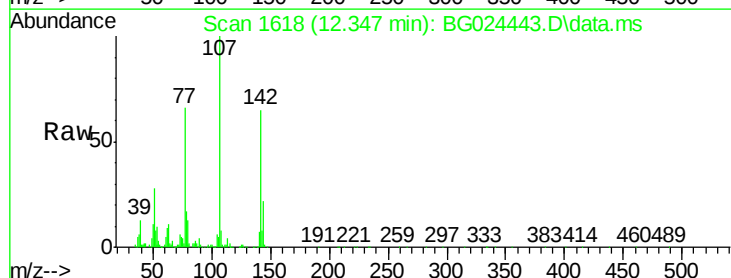
Tgt Ion:107 Resp: 248934

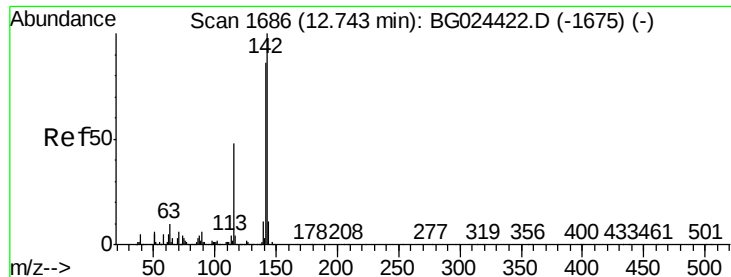
Ion Ratio Lower Upper

107 100

144 22.1 18.2 27.4

142 64.9 55.0 82.4

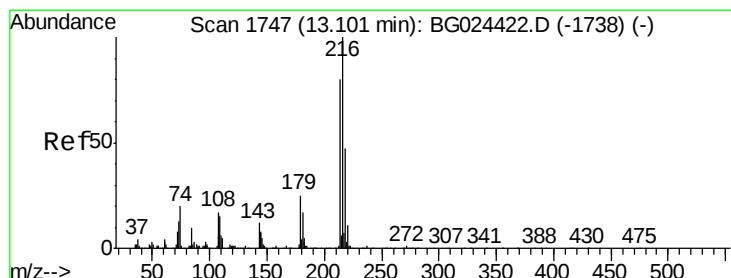
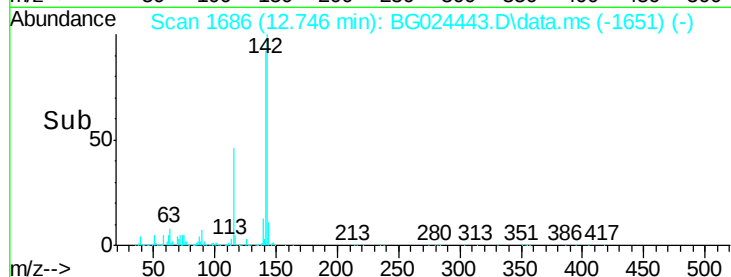
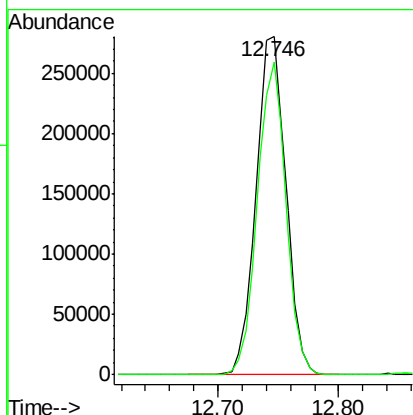
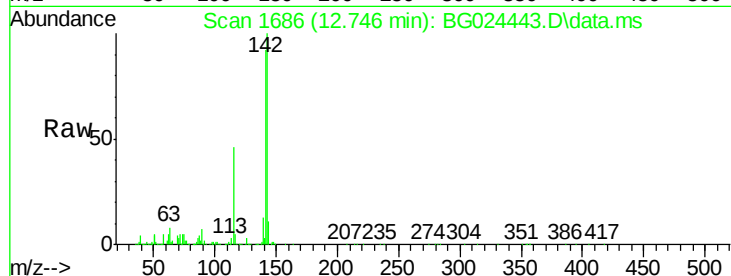




#34
2-Methylnaphthalene
Concen: 21.45 ng/ul
RT: 12.746 min Scan# 16
Delta R.T. 0.003 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

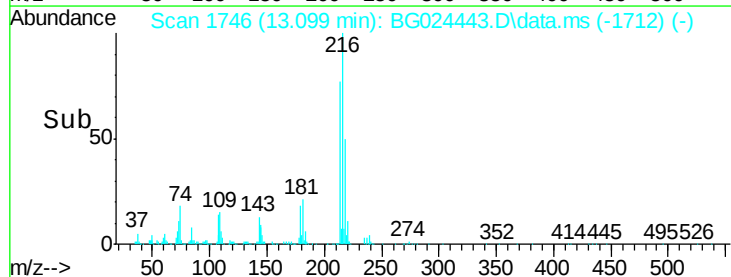
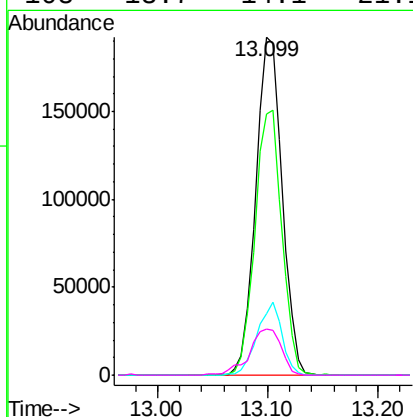
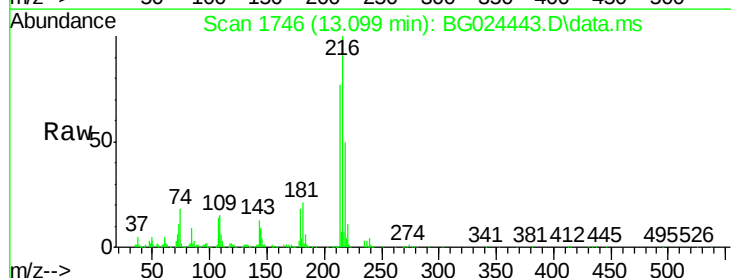
Instrument :
BNA_G
ClientSampleId :
SSTD02005

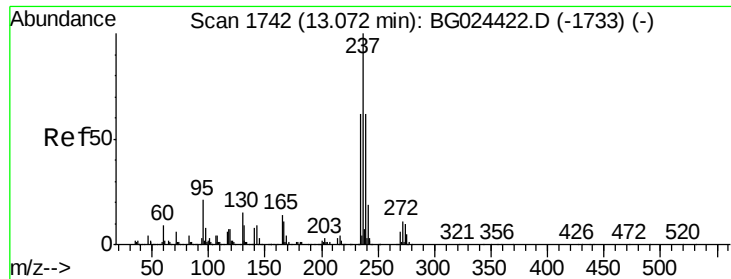
Tot Ion:142 Resp: 484738
Ion Ratio Lower Upper
142 100
141 92.4 68.6 102.8



#36
1,2,4,5-Tetrachlorobenzene
Concen: 23.17 ng/ul
RT: 13.099 min Scan# 1746
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion:216 Resp: 324528
Ion Ratio Lower Upper
216 100
214 77.4 67.0 100.6
179 18.4 18.1 27.1
108 13.7 14.1 21.1#





#37

Hexachlorocyclopentadiene

Concen: 19.88 ng/ul

RT: 13.075 min Scan# 17

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

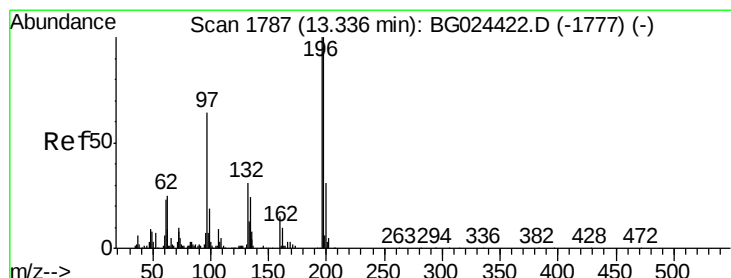
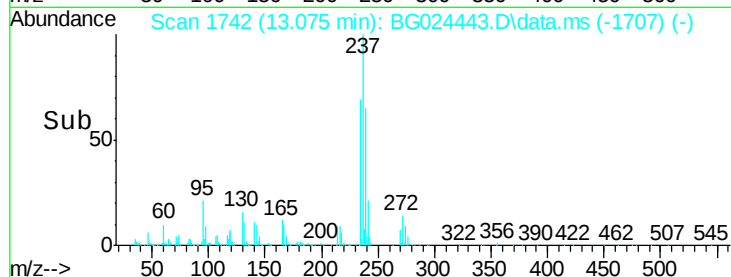
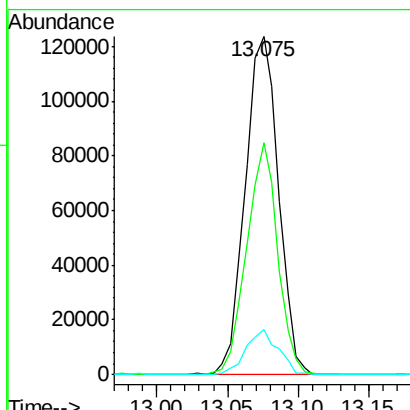
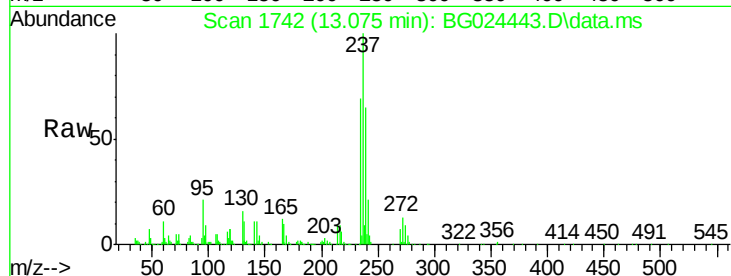
Tot Ion:237 Resp: 204209

Ion Ratio Lower Upper

237 100

235 68.6 50.2 75.4

272 13.5 10.6 16.0



#38

2,4,6-Trichlorophenol

Concen: 22.23 ng/ul

RT: 13.334 min Scan# 1786

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

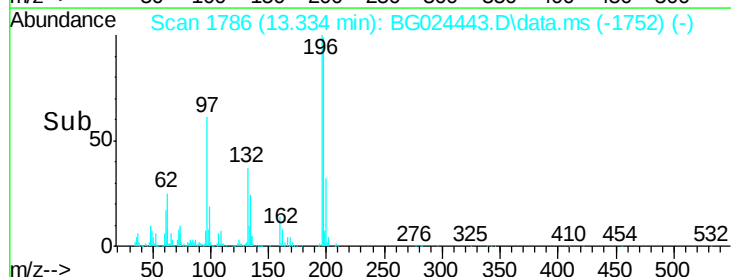
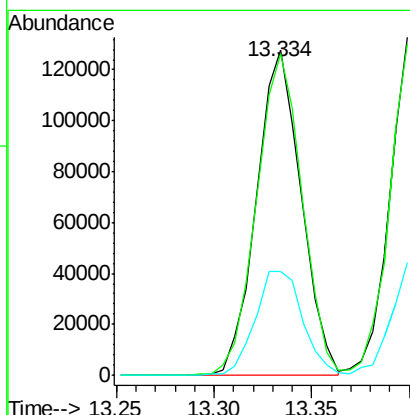
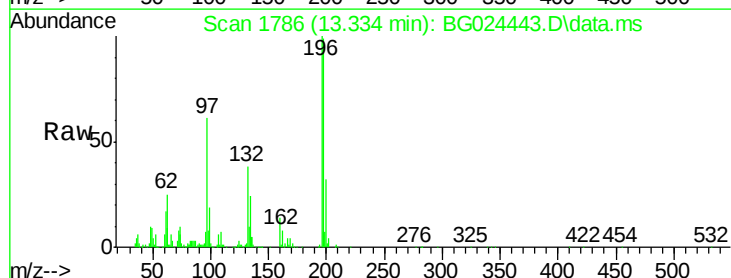
Tgt Ion:196 Resp: 201955

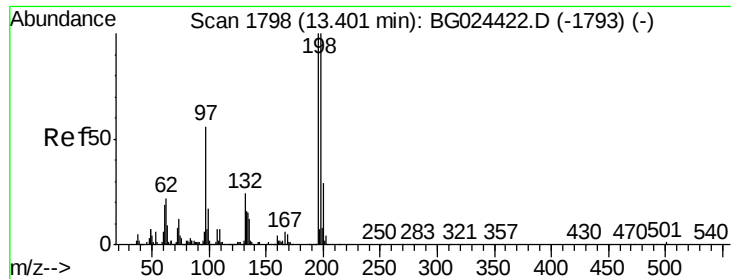
Ion Ratio Lower Upper

196 100

198 98.8 71.4 107.2

200 31.7 24.6 37.0

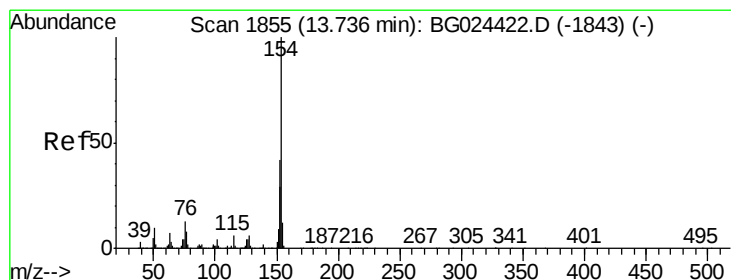
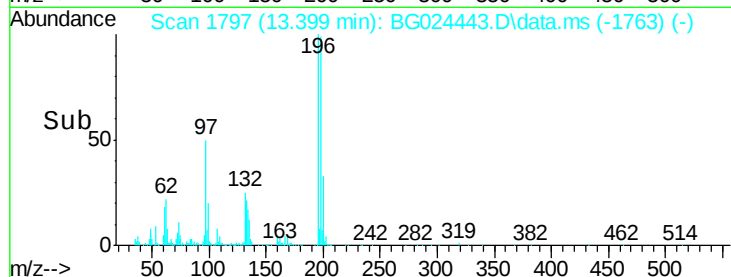
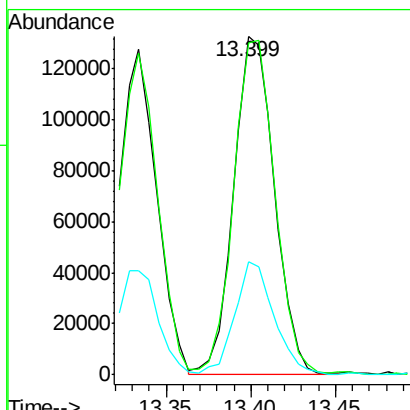
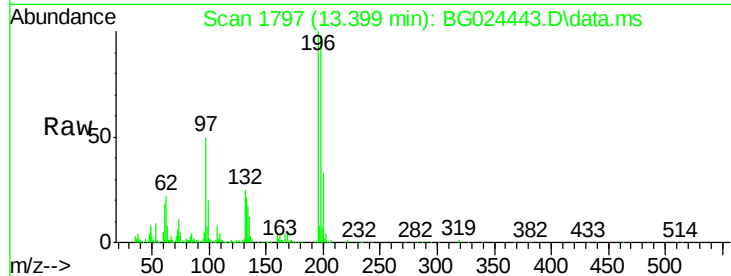




#39
 2,4,5-Trichlorophenol
 Concen: 22.30 ng/ul
 RT: 13.399 min Scan# 17
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

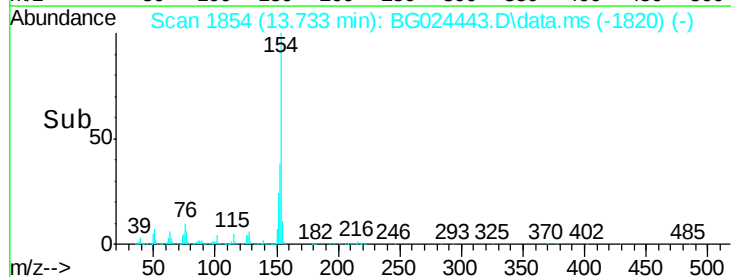
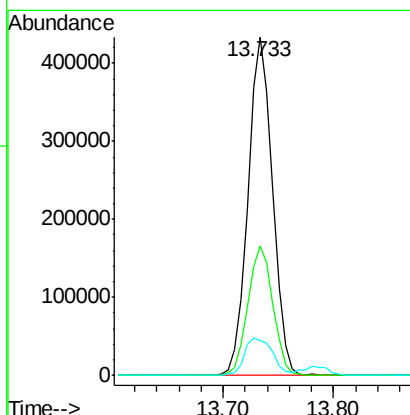
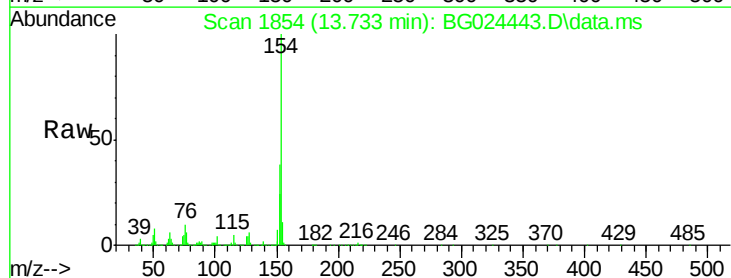
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

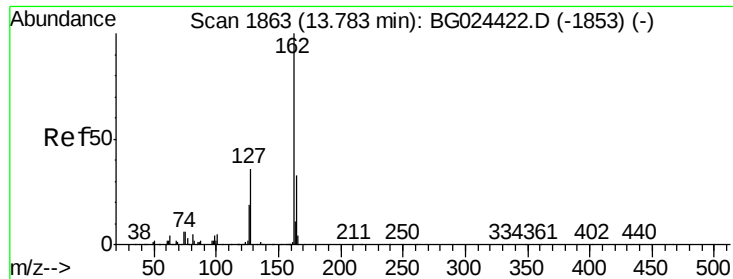
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	78.6	118.0
200	33.2	27.3	40.9



#40
 1,1'-Biphenyl
 Concen: 21.96 ng/ul
 RT: 13.733 min Scan# 1854
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.1	32.2	48.2
76	10.1	9.6	14.4

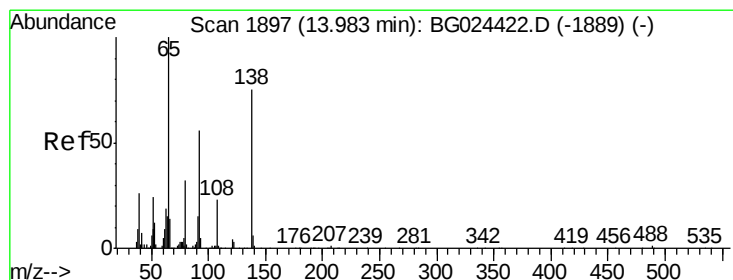
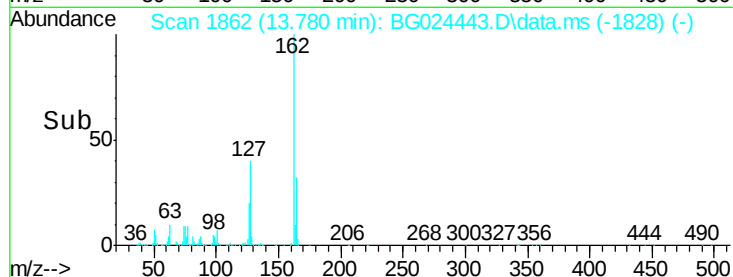
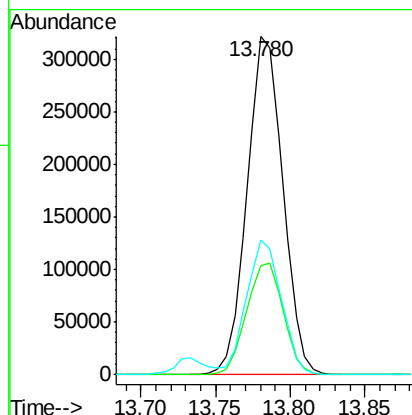
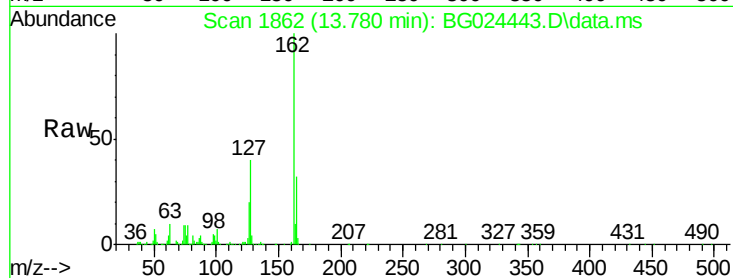




#41
2-Chloronaphthalene
Concen: 22.01 ng/ul
RT: 13.780 min Scan# 18
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

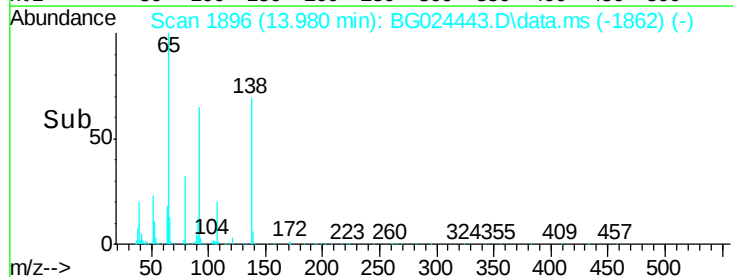
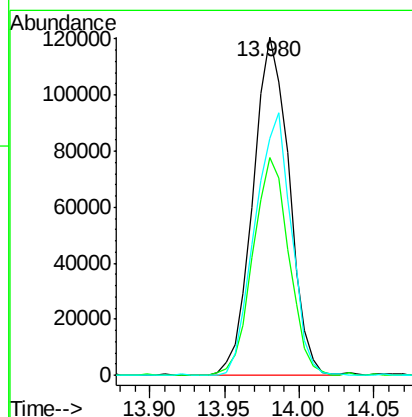
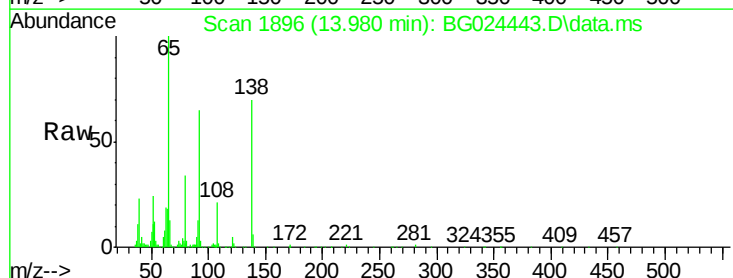
Instrument :
BNA_G
ClientSampleId :
SSTD02005

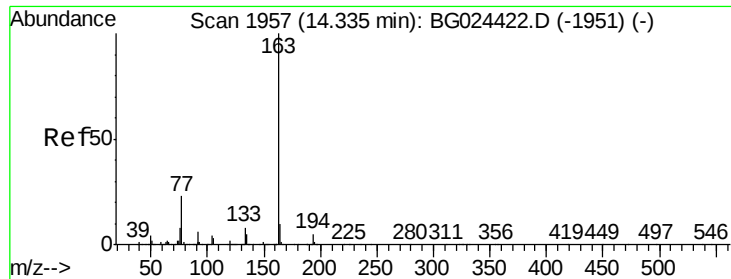
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.1	25.0	37.6
127	39.6	30.7	46.1



#42
2-Nitroaniline
Concen: 21.97 ng/ul
RT: 13.980 min Scan# 1896
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	50.9	76.3
138	70.1	61.8	92.6

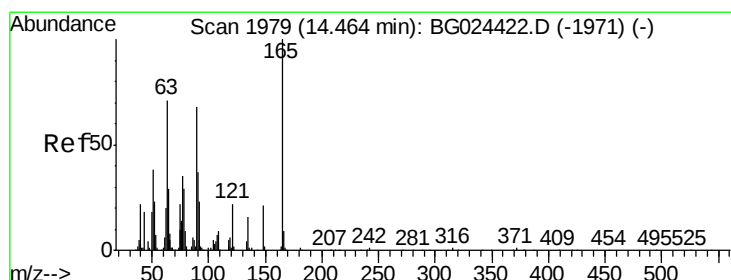
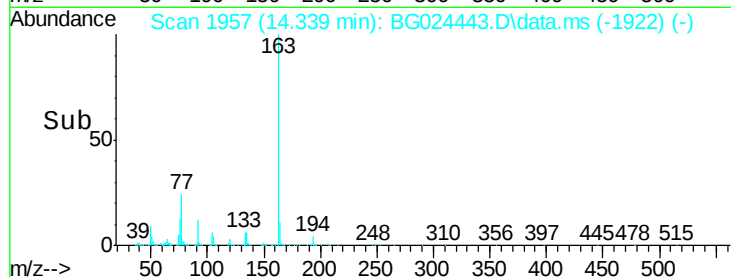
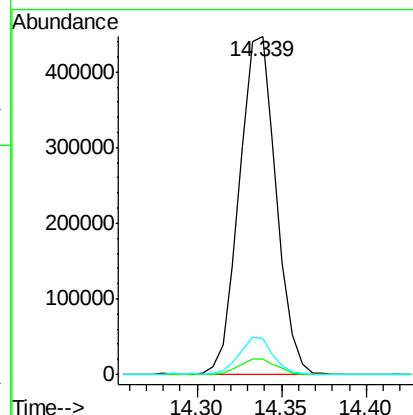
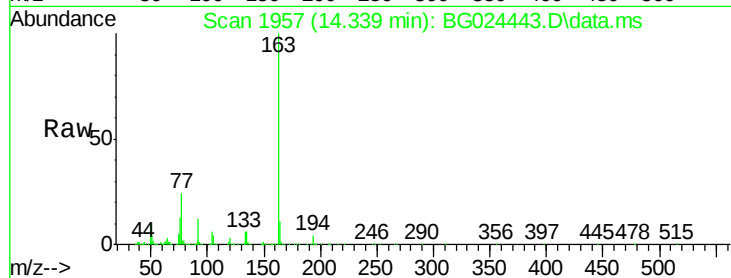




#44
Dimethylphthalate
Concen: 20.74 ng/ul
RT: 14.339 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

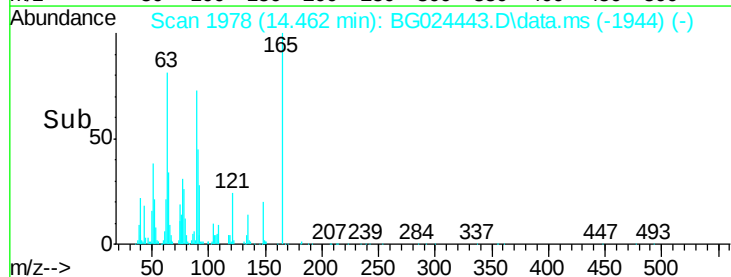
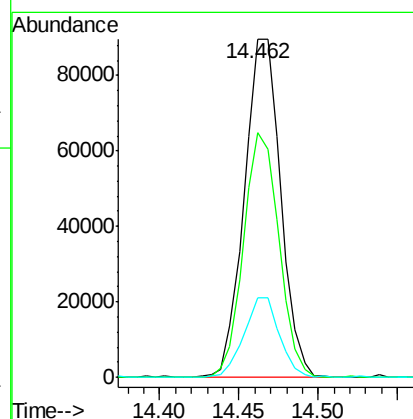
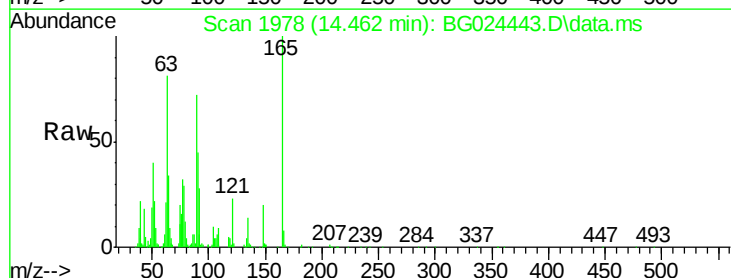
Instrument :
BNA_G
ClientSampleId :
SSTD02005

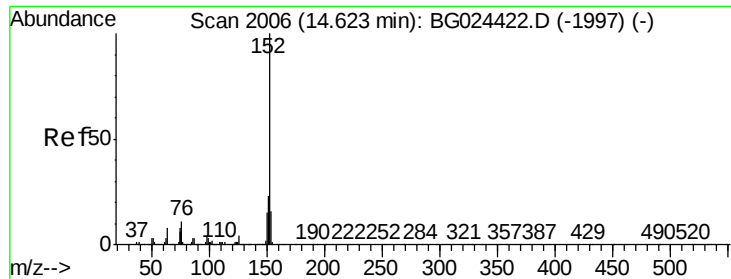
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.6	9.0	13.4



#45
2,6-Dinitrotoluene
Concen: 22.64 ng/ul
RT: 14.462 min Scan# 1978
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
165	100		
89	72.2	52.9	79.3
121	23.4	22.2	33.4





#47

Acenaphthylene

Concen: 21.93 ng/ul

RT: 14.627 min Scan# 2006

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

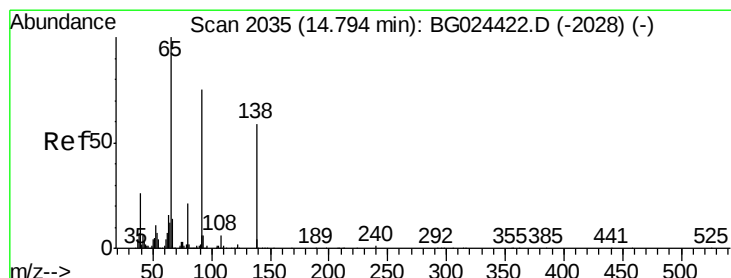
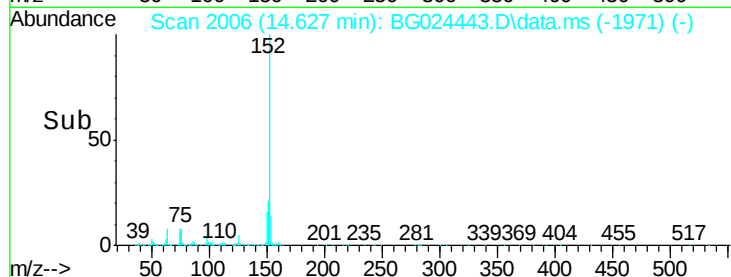
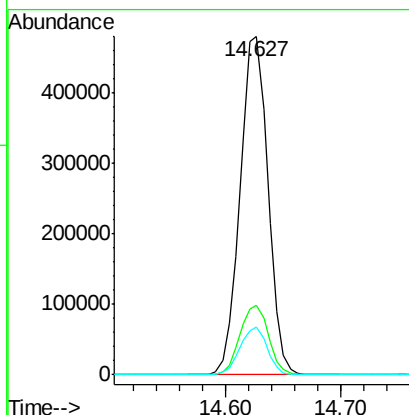
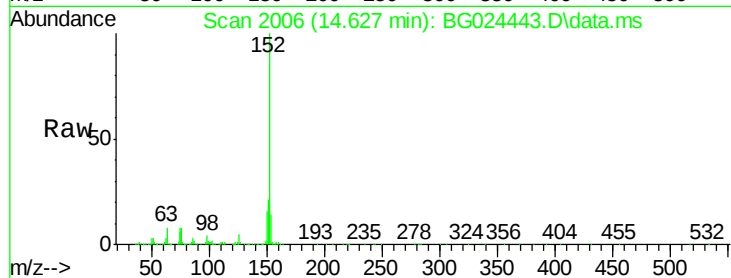
Tot Ion:152 Resp: 801835

Ion Ratio Lower Upper

152 100

151 20.6 16.7 25.1

153 13.9 11.4 17.2



#48

3-Nitroaniline

Concen: 22.87 ng/ul

RT: 14.797 min Scan# 2035

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

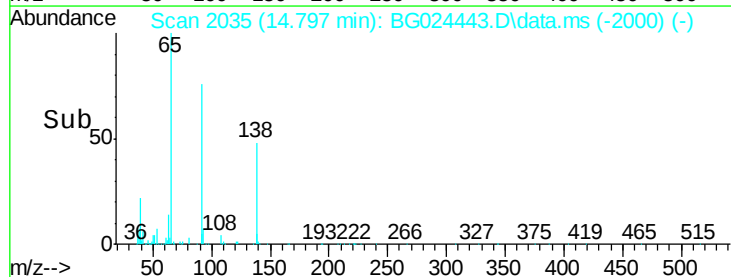
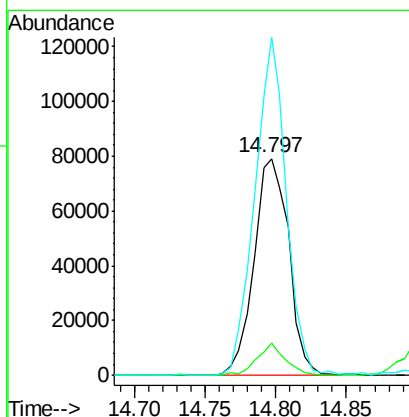
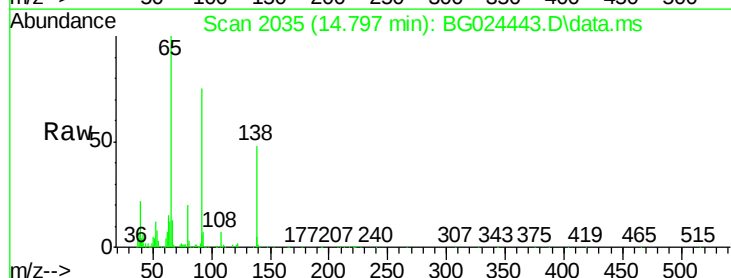
Tgt Ion:138 Resp: 136341

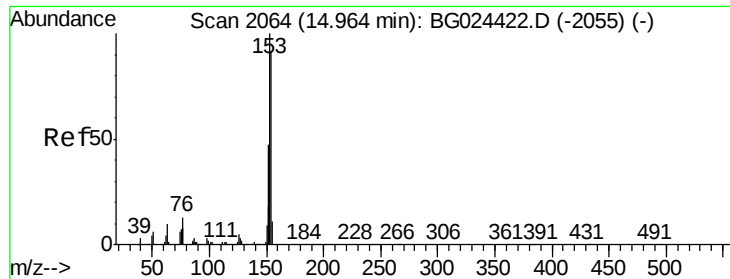
Ion Ratio Lower Upper

138 100

108 14.8 6.3 9.5#

92 156.2 106.4 159.6





#49

Acenaphthene

Concen: 21.09 ng/ul

RT: 14.961 min Scan# 20

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

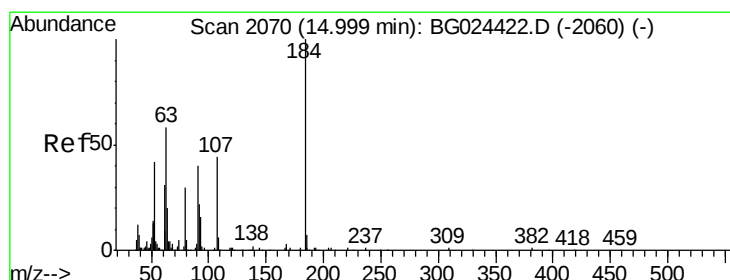
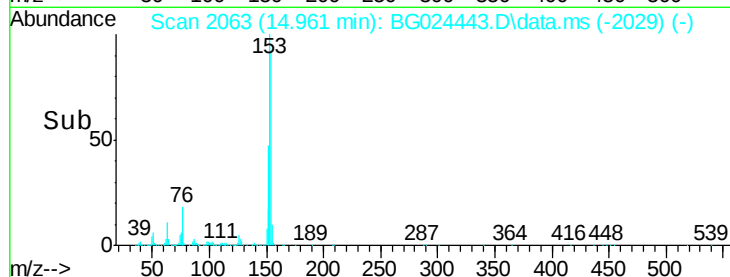
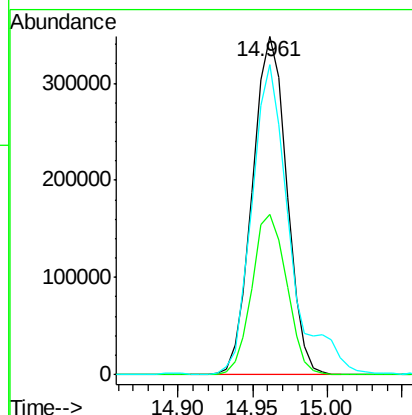
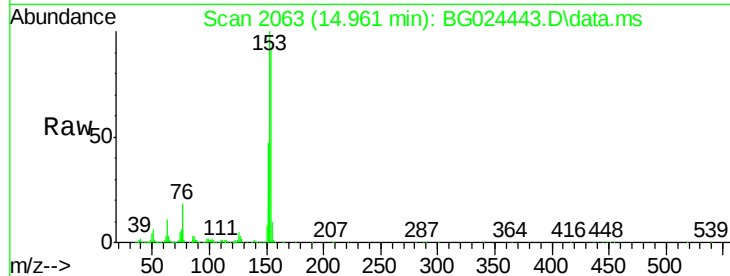
Tot Ion:153 Resp: 551129

Ion Ratio Lower Upper

153 100

152 47.4 36.5 54.7

154 91.6 72.3 108.5



#50

2,4-Dinitrophenol

Concen: 20.59 ng/ul

RT: 14.997 min Scan# 2069

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

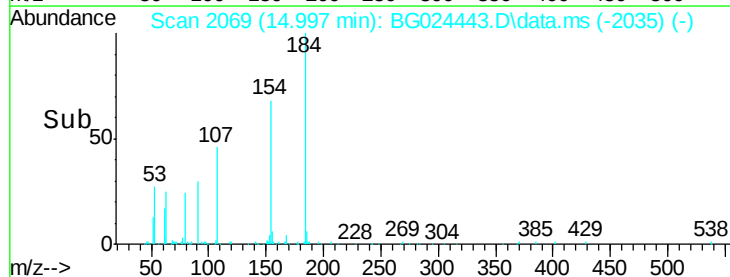
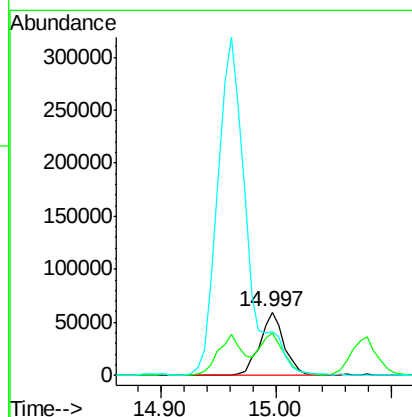
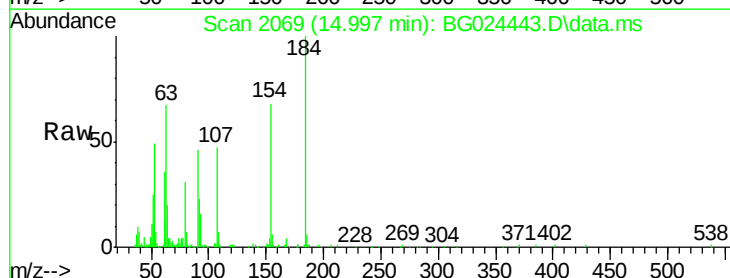
Tgt Ion:184 Resp: 87167

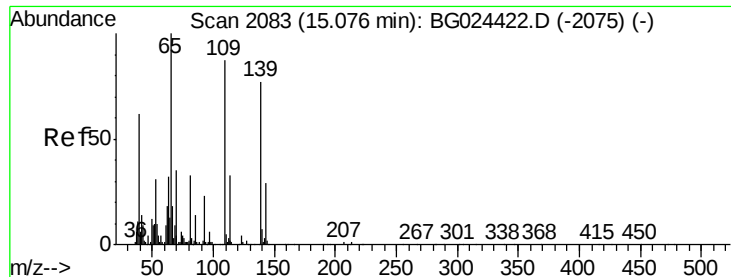
Ion Ratio Lower Upper

184 100

63 66.6 65.1 97.7

154 68.3 68.2 102.4





#52

4-Nitrophenol

Concen: 20.74 ng/ul

RT: 15.079 min Scan# 20

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

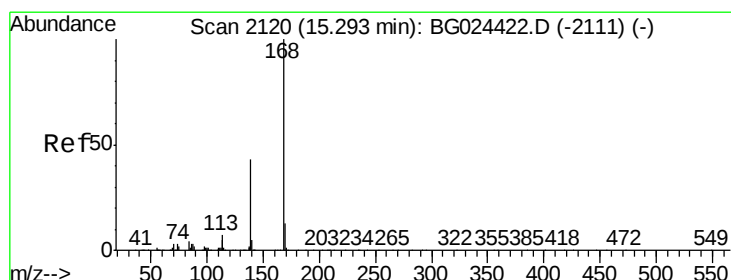
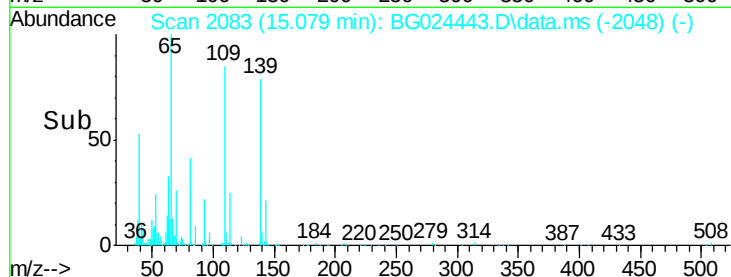
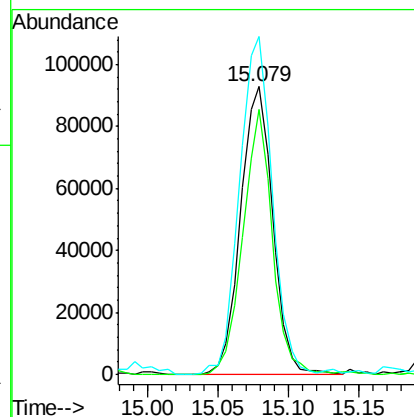
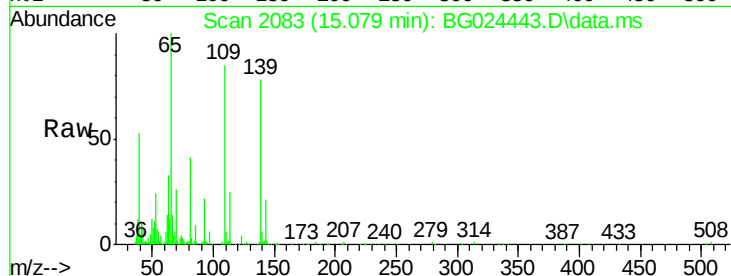
Tot Ion:109 Resp: 147778

Ion Ratio Lower Upper

109 100

139 92.2 62.6 93.8

65 117.6 90.4 135.6



#53

Dibenzofuran

Concen: 21.29 ng/ul

RT: 15.290 min Scan# 2119

Delta R.T. -0.002 min

Lab File: BG024443.D

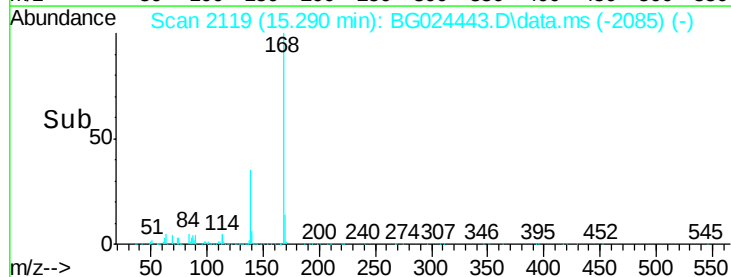
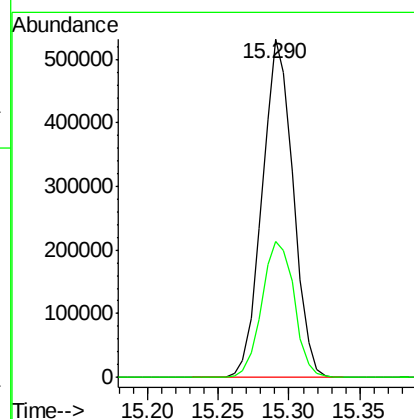
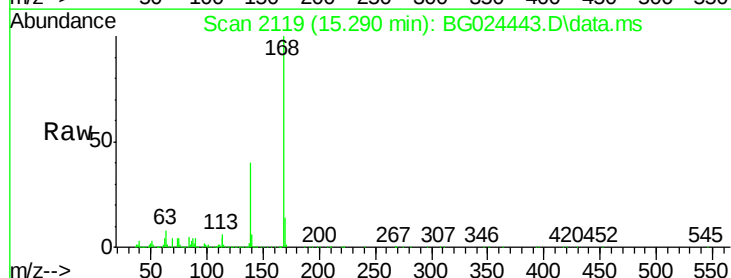
Acq: 19 Oct 2016 15:24

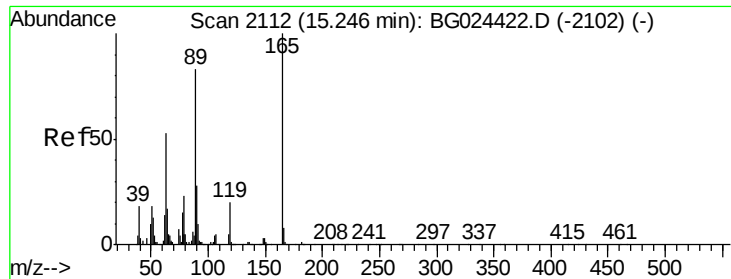
Tgt Ion:168 Resp: 818913

Ion Ratio Lower Upper

168 100

139 40.3 33.8 50.8

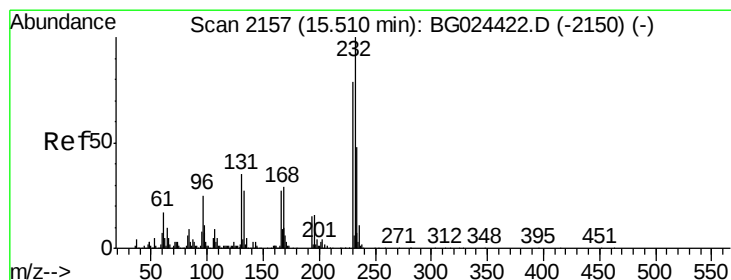
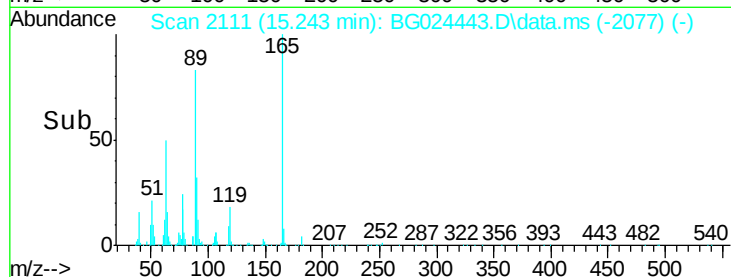
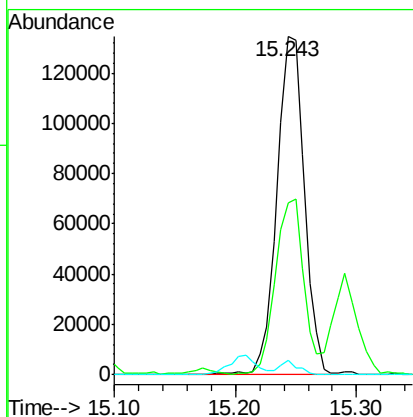
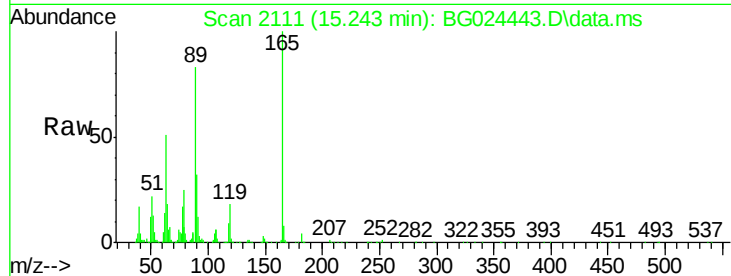




#54
 2,4-Dinitrotoluene
 Concen: 22.54 ng/ul
 RT: 15.243 min Scan# 211
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

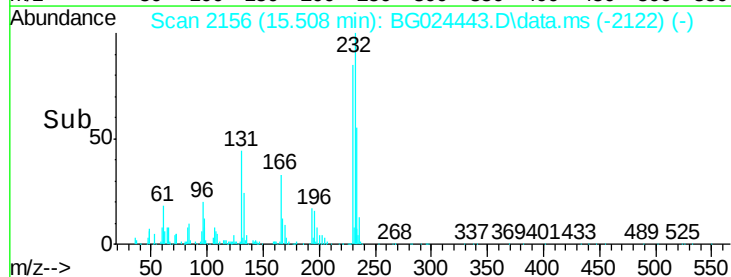
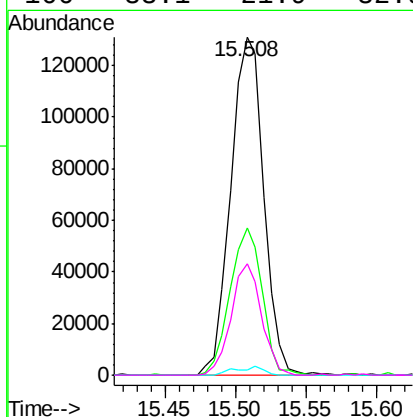
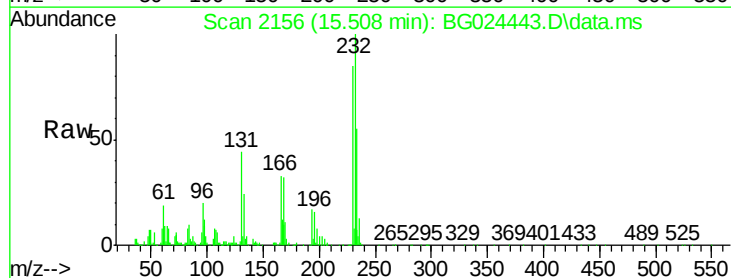
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

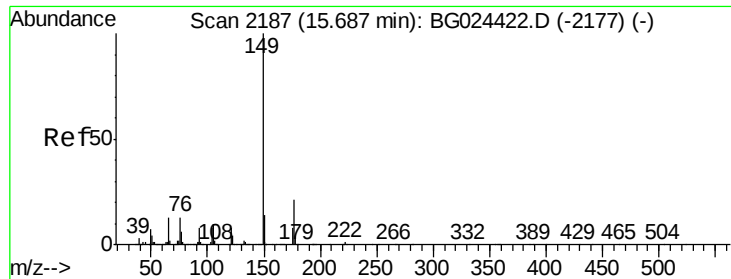
Tot Ion:165 Resp: 210740
 Ion Ratio Lower Upper
 165 100
 63 50.7 46.8 70.2
 182 4.4 1.8 2.6#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.72 ng/ul
 RT: 15.508 min Scan# 2156
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

Tgt Ion:232 Resp: 212857
 Ion Ratio Lower Upper
 232 100
 131 43.6 33.3 49.9
 130 1.6 1.8 2.6#
 166 33.1 21.9 32.9#

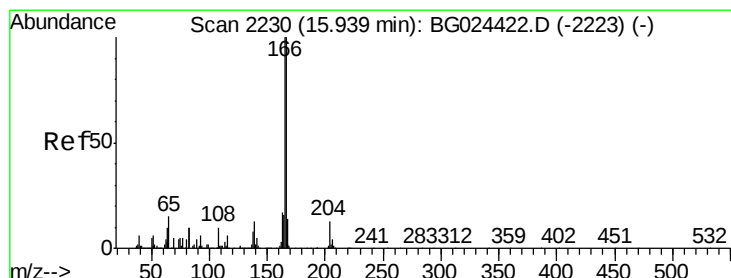
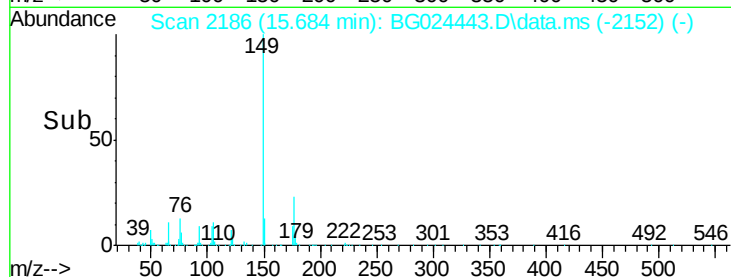
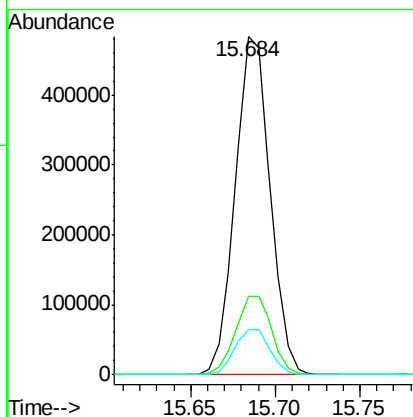
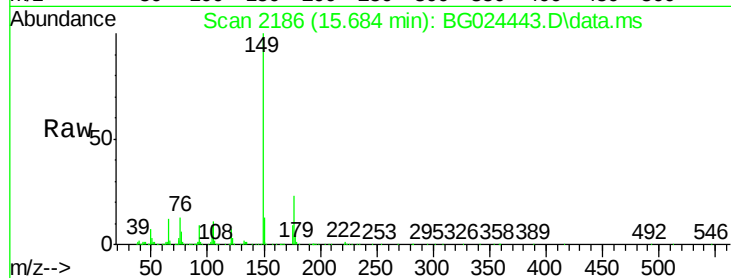




#56
Diethylphthalate
Concen: 20.24 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

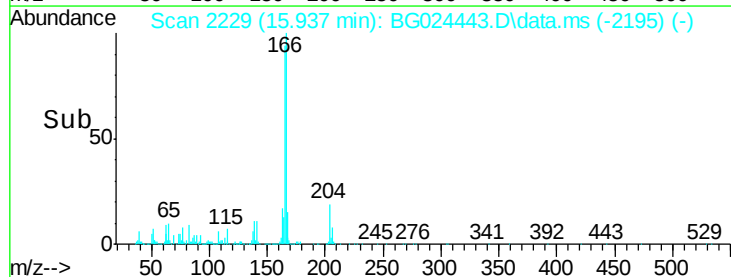
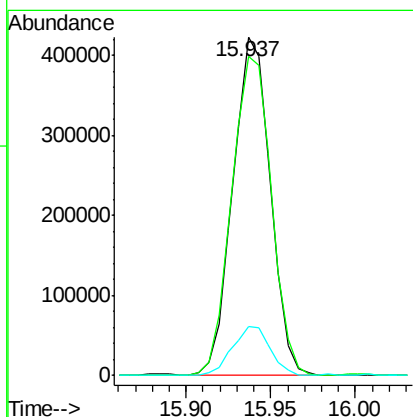
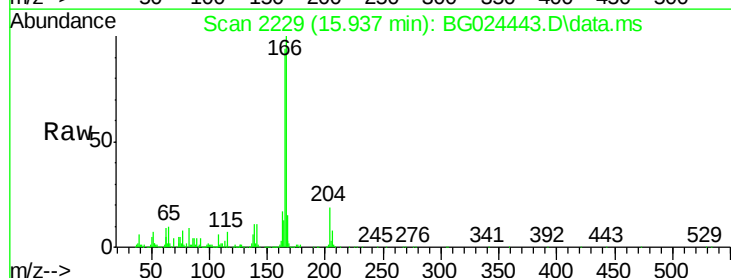
Instrument :
BNA_G
ClientSampleId :
SSTD02005

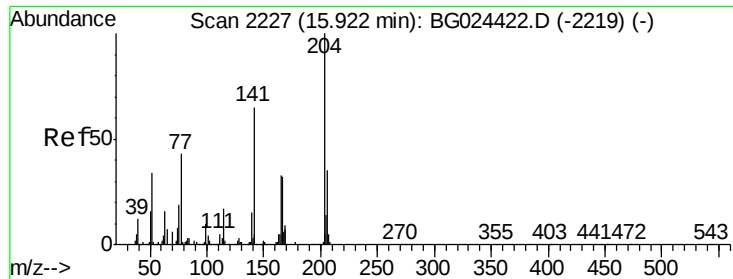
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.8	26.8
150	13.4	10.2	15.4



#58
Fluorene
Concen: 20.49 ng/ul
RT: 15.937 min Scan# 2229
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	79.7	119.5
167	14.5	11.4	17.2

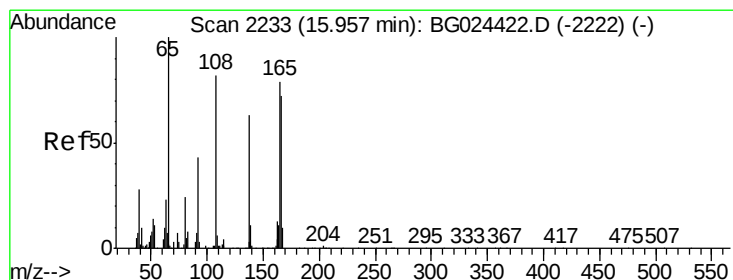
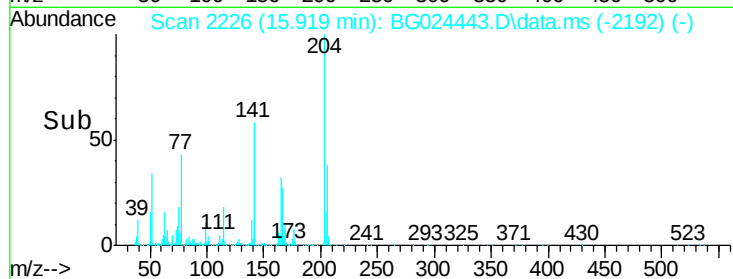
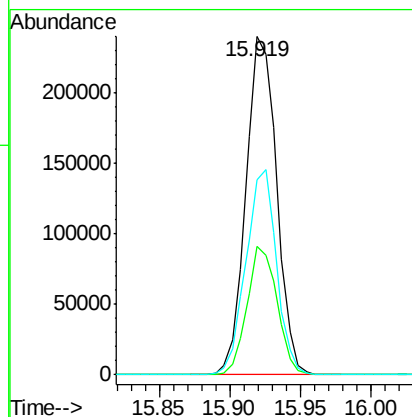
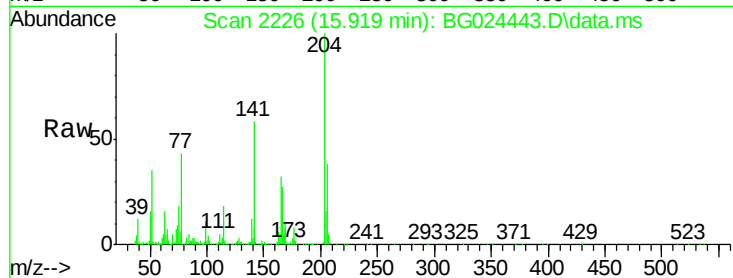




#59
4-Chlorophenyl-phenylether
Concen: 20.75 ng/ul
RT: 15.919 min Scan# 2227
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

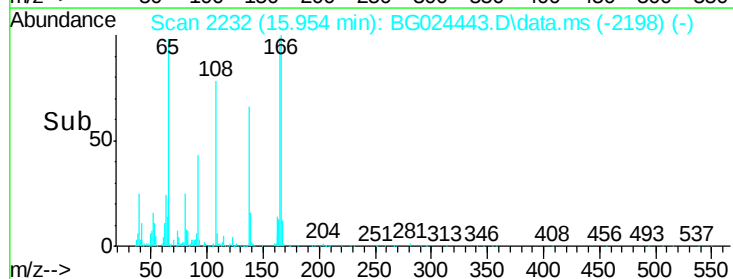
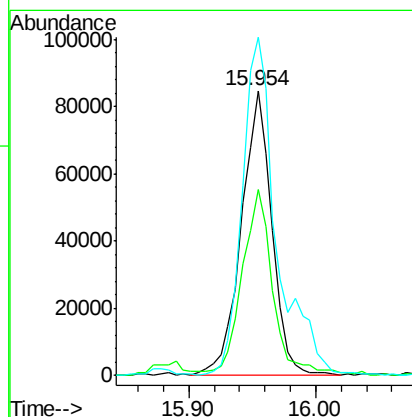
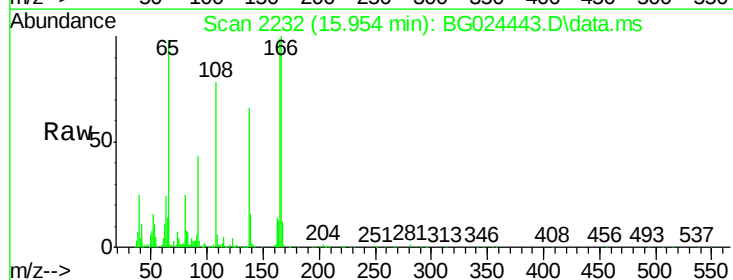
Instrument :
BNA_G
ClientSampleId :
SSTD02005

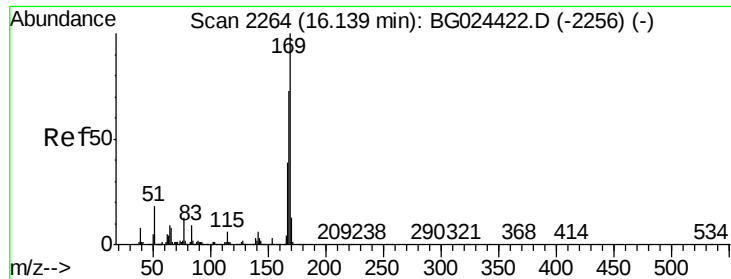
Tot Ion	Ratio	Lower	Upper
204	100		
206	37.9	32.3	48.5
141	57.7	57.5	86.3



#60
4-Nitroaniline
Concen: 20.54 ng/ul
RT: 15.954 min Scan# 2232
Delta R.T. -0.002 min
Lab File: BG024443.D
Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.3	56.9	85.3
108	118.7	104.9	157.3





#64

N-Nitrosodiphenylamine

Concen: 22.18 ng/ul

RT: 16.137 min Scan# 22

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

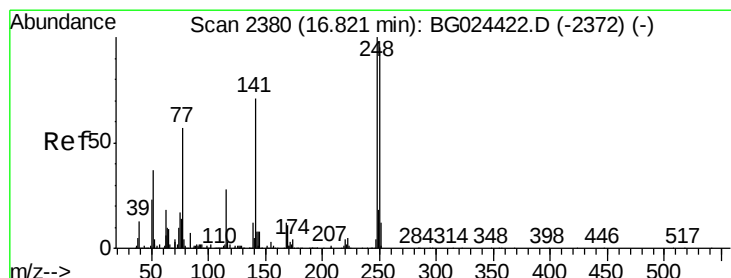
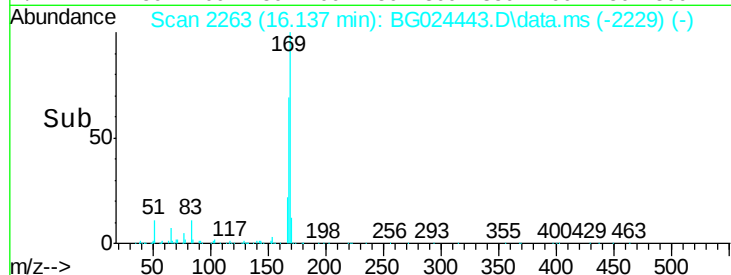
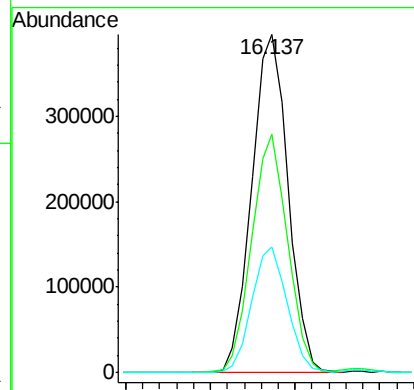
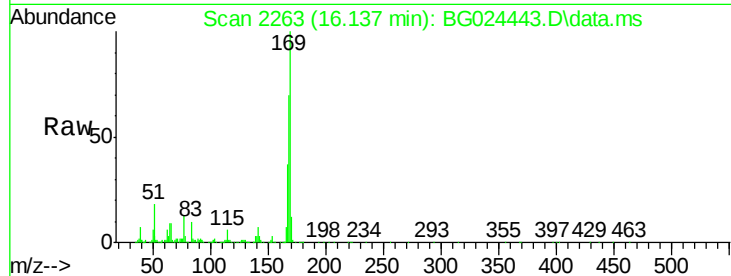
Tot Ion:169 Resp: 590835

Ion Ratio Lower Upper

169 100

168 70.4 59.1 88.7

167 37.0 29.7 44.5



#65

4-Bromophenyl-phenylether

Concen: 23.26 ng/ul

RT: 16.818 min Scan# 2379

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

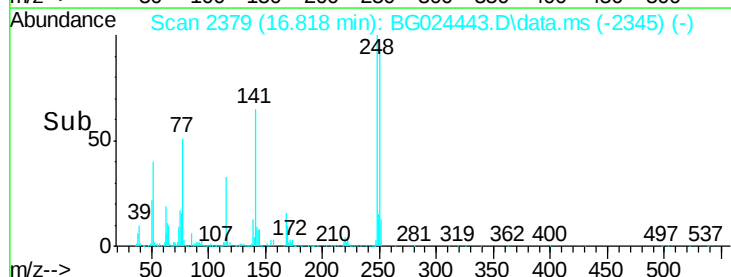
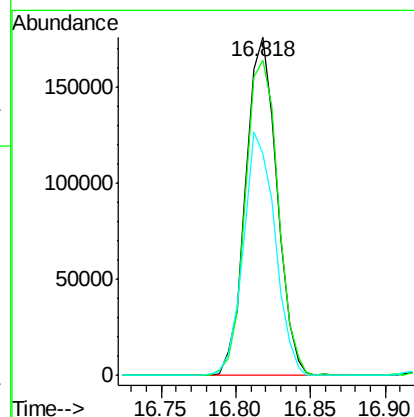
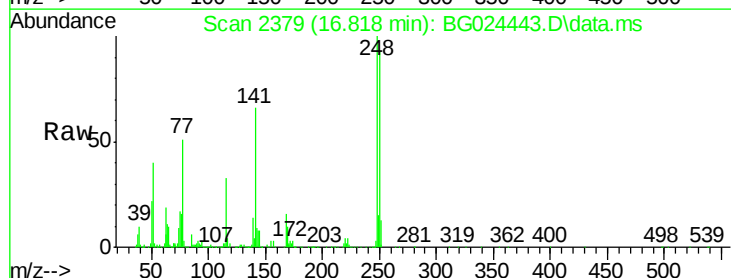
Tgt Ion:248 Resp: 253612

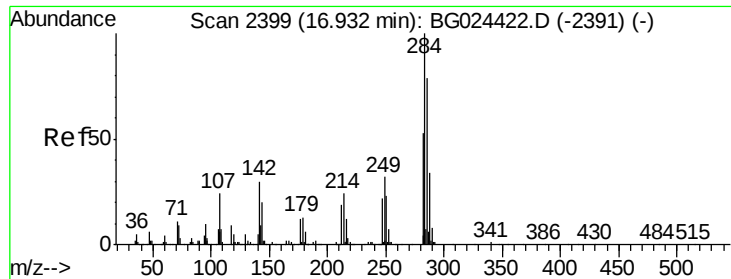
Ion Ratio Lower Upper

248 100

250 93.0 71.9 107.9

141 65.5 53.8 80.8





#66

Hexachlorobenzene

Concen: 23.75 ng/ul

RT: 16.936 min Scan# 2399

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

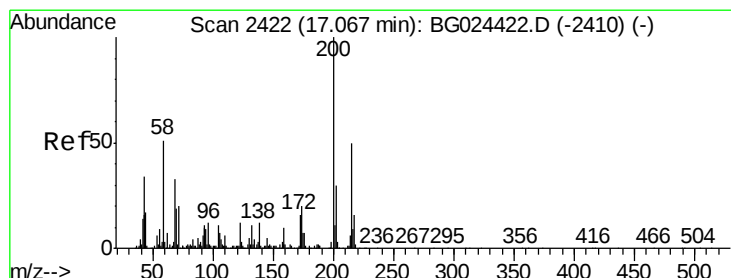
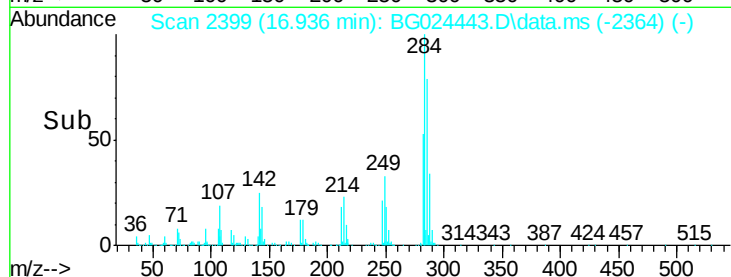
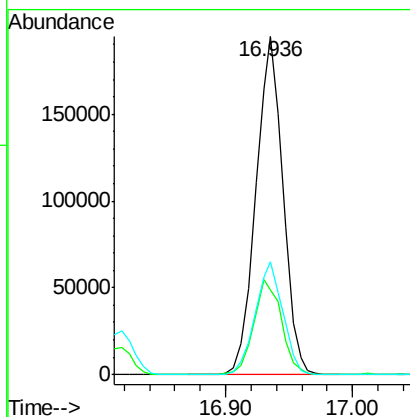
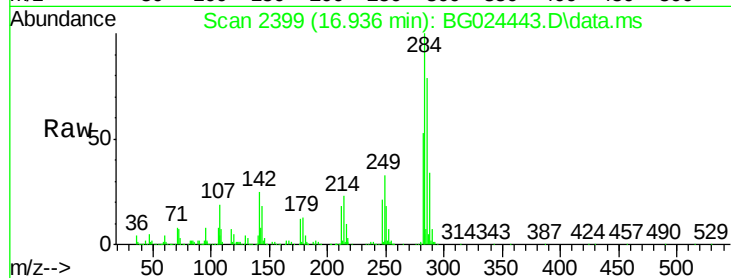
Tot Ion:284 Resp: 289046

Ion Ratio Lower Upper

284 100

142 25.2 26.1 39.1#

249 33.3 25.9 38.9



#67

Atrazine

Concen: 22.60 ng/ul

RT: 17.071 min Scan# 2422

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

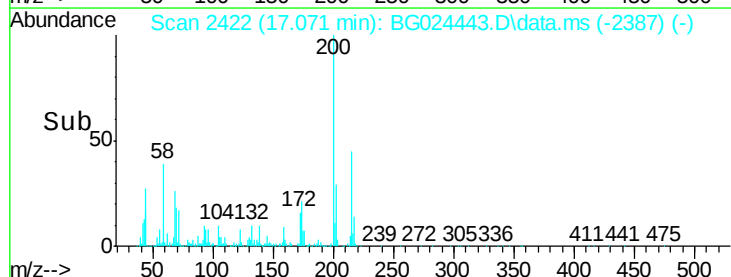
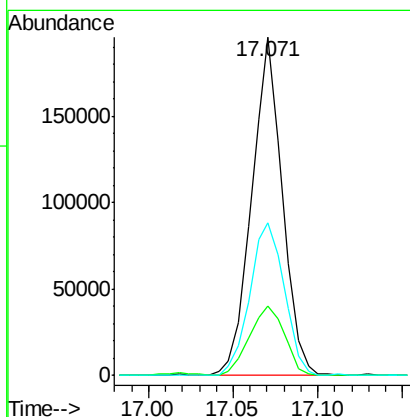
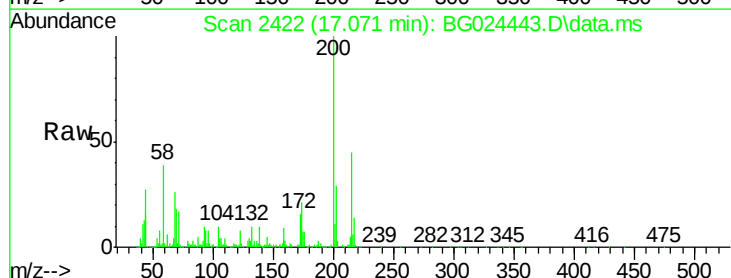
Tgt Ion:200 Resp: 246188

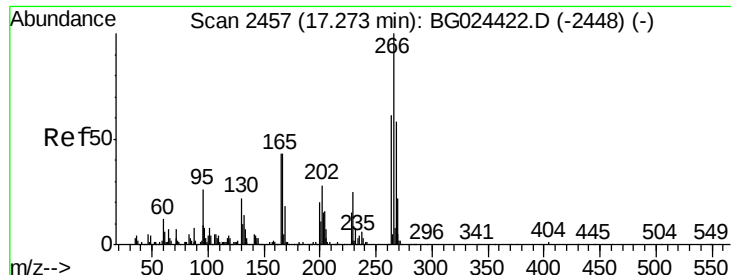
Ion Ratio Lower Upper

200 100

173 20.6 19.2 28.8

215 45.2 40.3 60.5

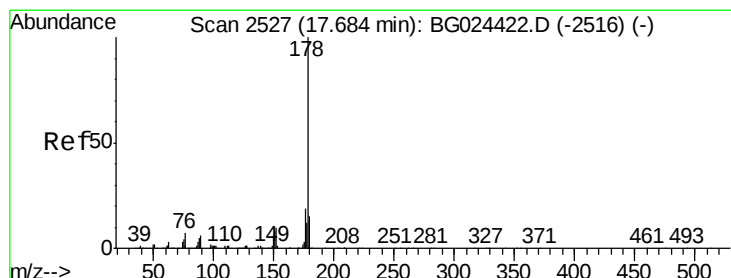
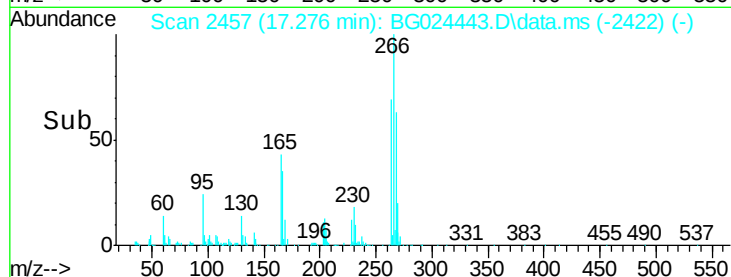
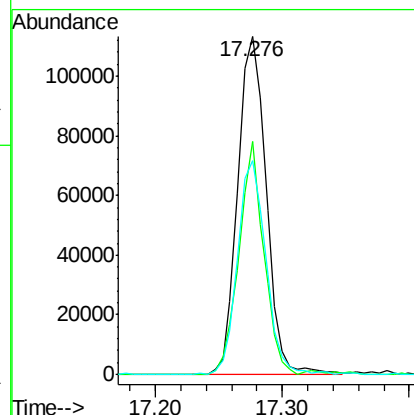
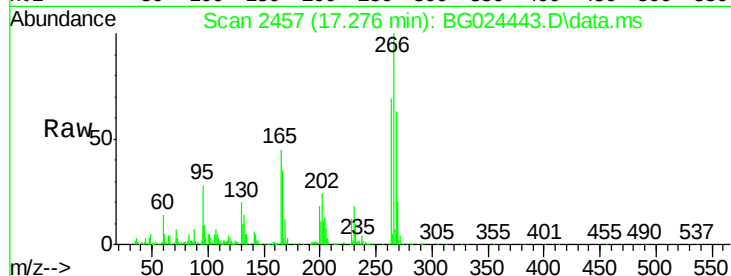




#68
 Pentachlorophenol
 Concen: 23.77 ng/ul
 RT: 17.276 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

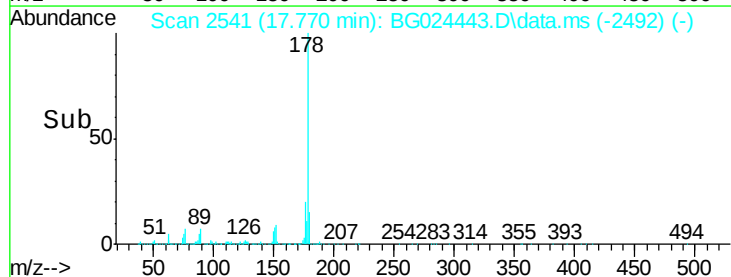
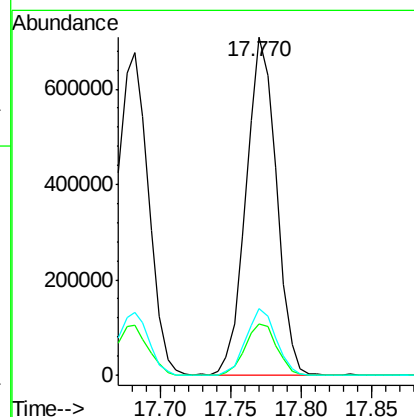
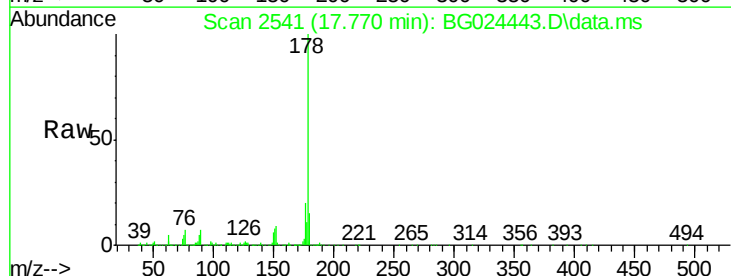
Instrument :
 BNA_G
 ClientSampleId :
 SST02005

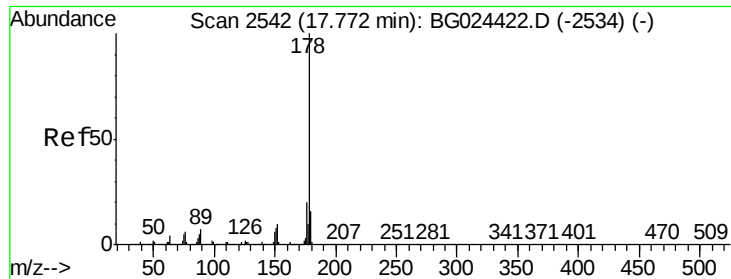
Tot Ion	Ratio	Lower	Upper
266	100		
264	68.8	47.1	70.7
268	63.4	56.2	84.4



#69
 Phenanthrene
 Concen: 22.44 ng/ul
 RT: 17.770 min Scan# 2541
 Delta R.T. 0.086 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.6	16.5	24.7

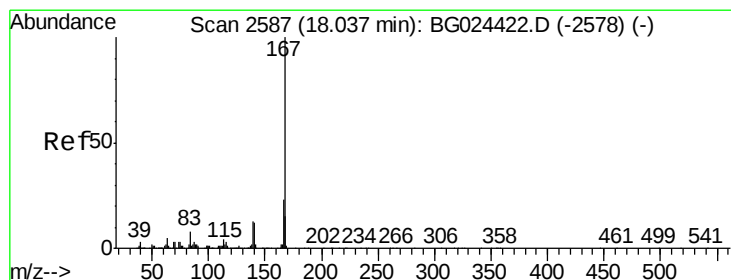
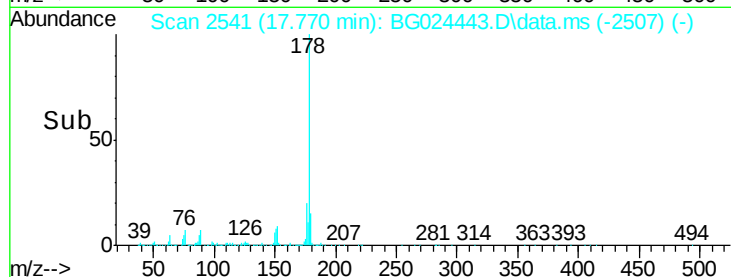
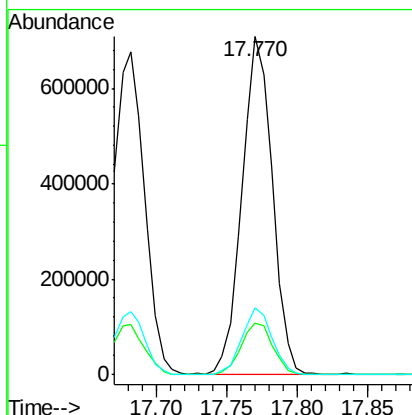
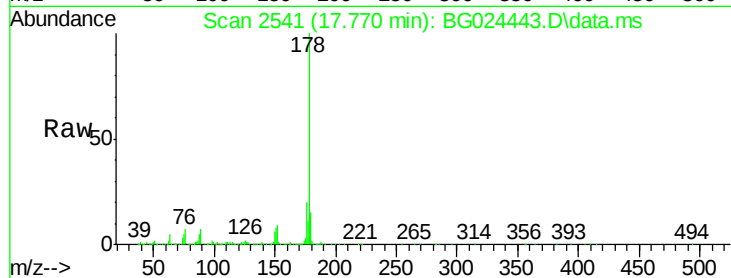




#71
 Anthracene
 Concen: 21.96 ng/ul
 RT: 17.770 min Scan# 25
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

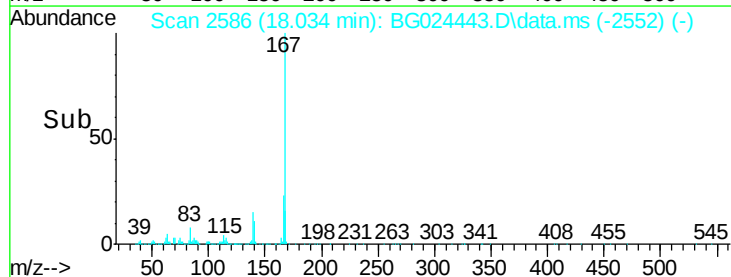
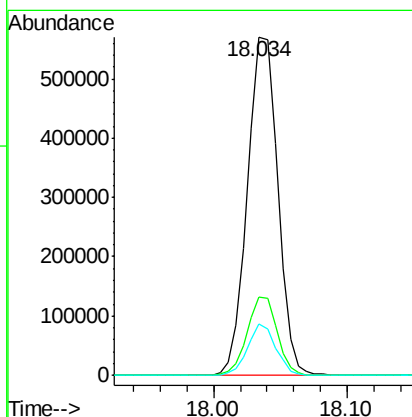
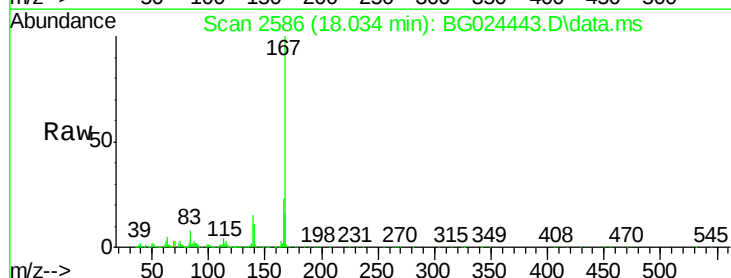
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

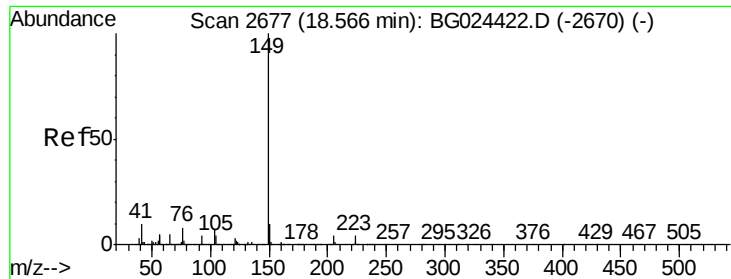
Tot Ion:178 Resp: 1062680
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.6 19.0
 176 19.6 15.9 23.9



#72
 Carbazole
 Concen: 23.54 ng/ul
 RT: 18.034 min Scan# 2586
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

Tgt Ion:167 Resp: 894043
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.9 26.9
 139 15.0 10.5 15.7





#73

Di-n-butylphthalate

Concen: 23.35 ng/ul

RT: 18.569 min Scan# 26

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

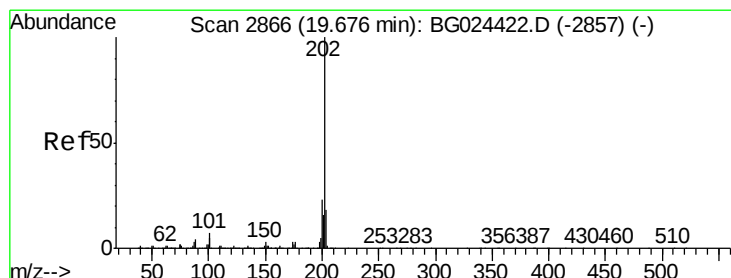
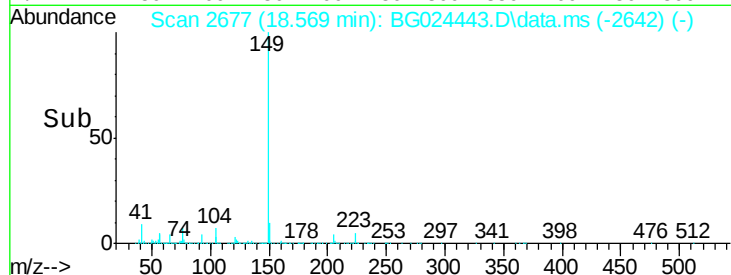
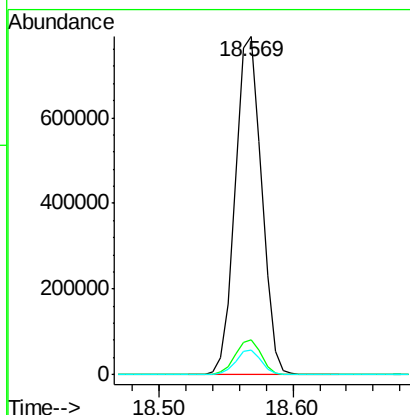
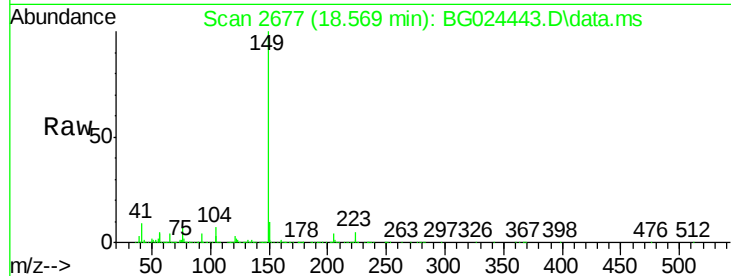
Tot Ion:149 Resp: 1084683

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

104 7.2 5.8 8.8



#74

Fluoranthene

Concen: 25.48 ng/ul

RT: 19.674 min Scan# 2865

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

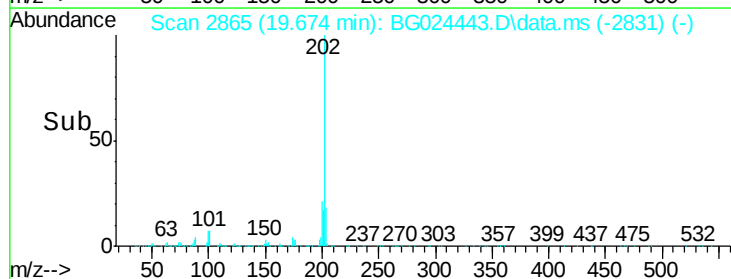
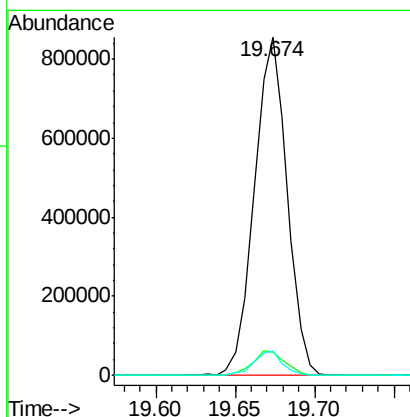
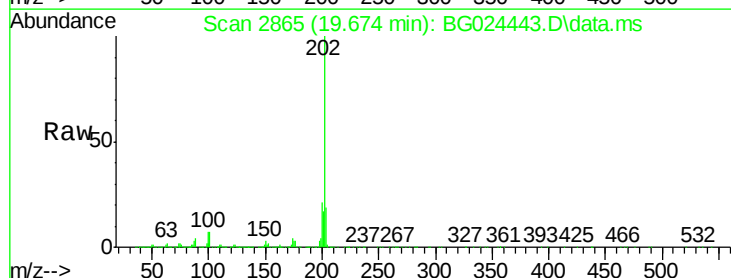
Tgt Ion:202 Resp: 1223669

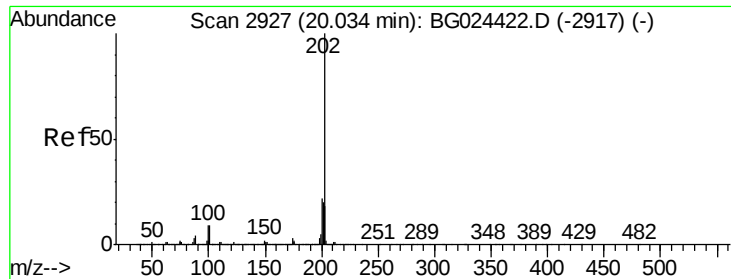
Ion Ratio Lower Upper

202 100

101 6.8 6.2 9.2

100 7.2 5.2 7.8





#77

Pvrene

Concen: 20.38 ng/ul

RT: 20.038 min Scan# 29

Delta R.T. 0.003 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

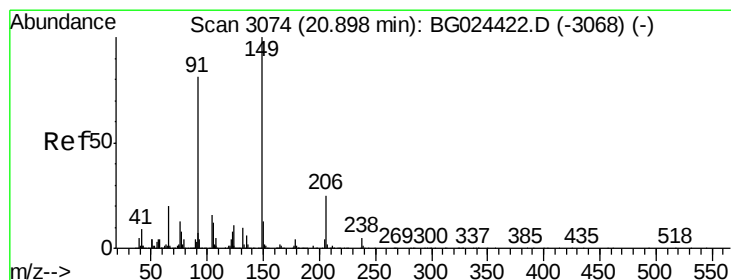
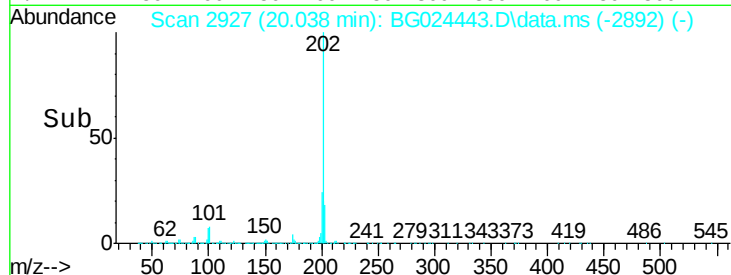
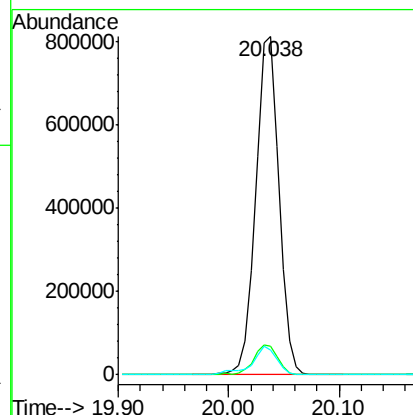
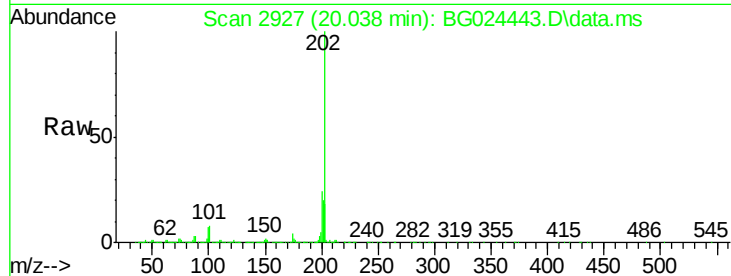
Tot Ion:202 Resp: 1204346

Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

100 7.1 6.6 10.0



#78

Butylbenzylphthalate

Concen: 20.44 ng/ul

RT: 20.896 min Scan# 3073

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

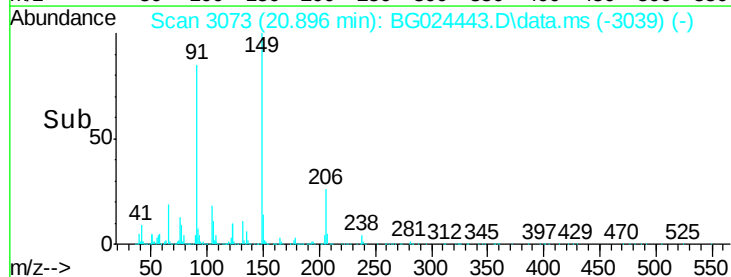
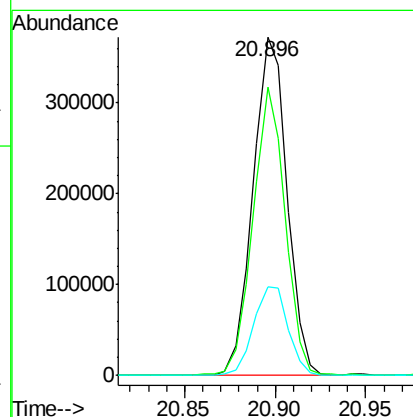
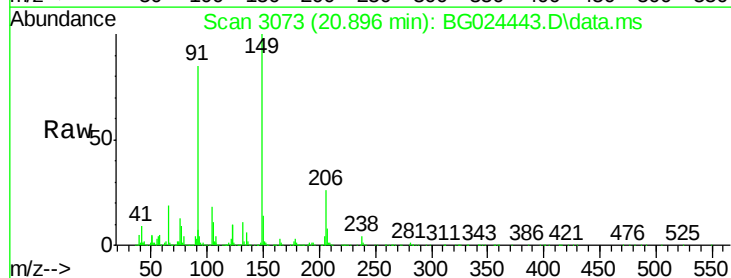
Tgt Ion:149 Resp: 485230

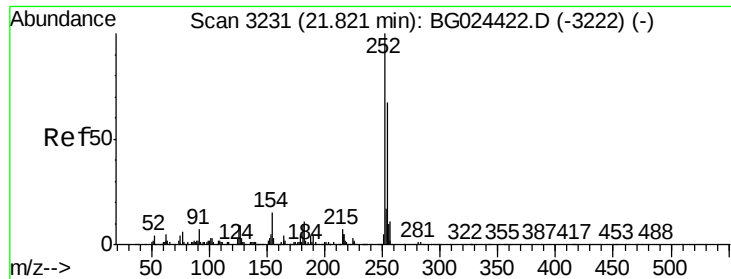
Ion Ratio Lower Upper

149 100

91 85.2 65.8 98.6

206 26.1 20.1 30.1

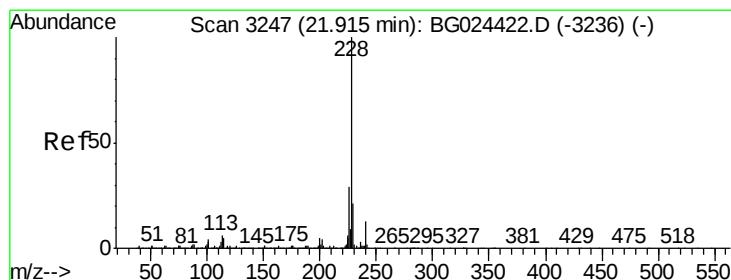
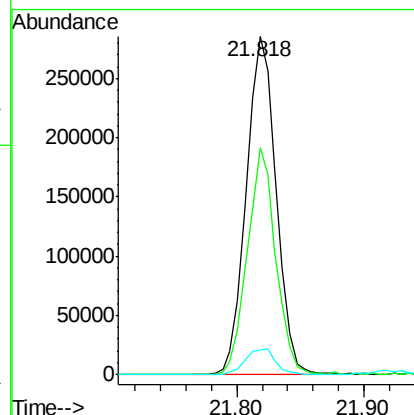
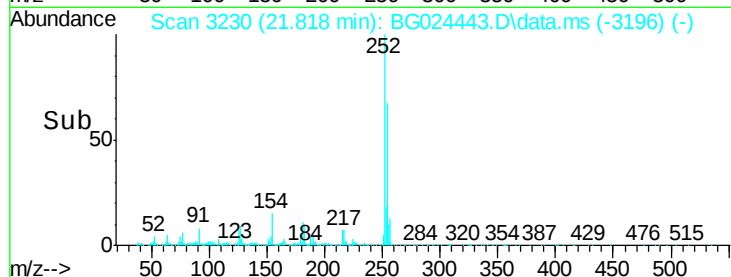
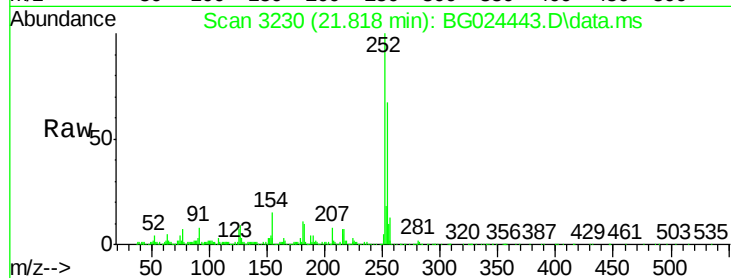




#79
 3,3'-Dichlorobenzidine
 Concen: 22.70 ng/ul
 RT: 21.818 min Scan# 32
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

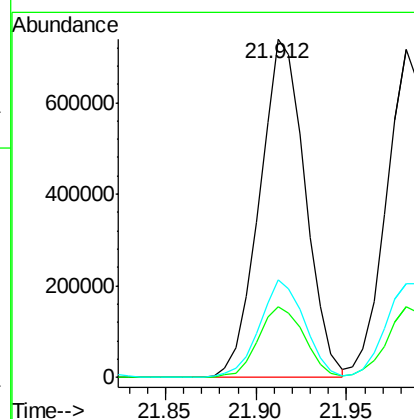
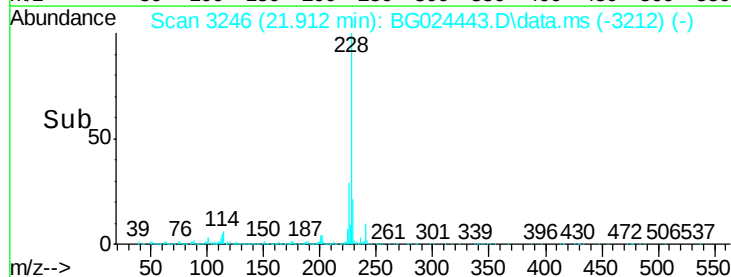
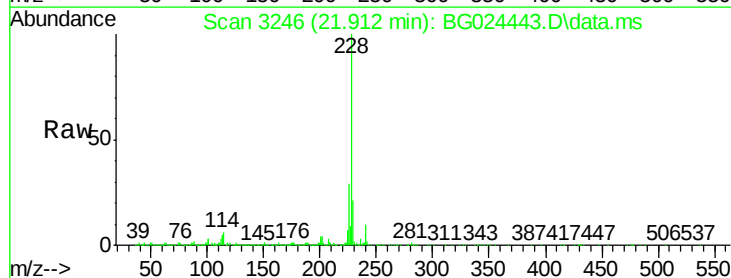
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

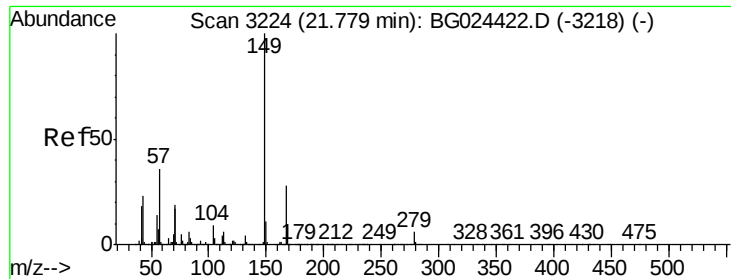
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	49.0	73.6
126	7.1	5.1	7.7



#80
 Benzo(a)anthracene
 Concen: 21.07 ng/ul
 RT: 21.912 min Scan# 3246
 Delta R.T. -0.002 min
 Lab File: BG024443.D
 Acq: 19 Oct 2016 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.3	24.5
226	28.8	21.9	32.9





#81

Bis(2-ethylhexyl)phthalate

Concen: 20.50 ng/ul

RT: 21.777 min Scan# 32

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

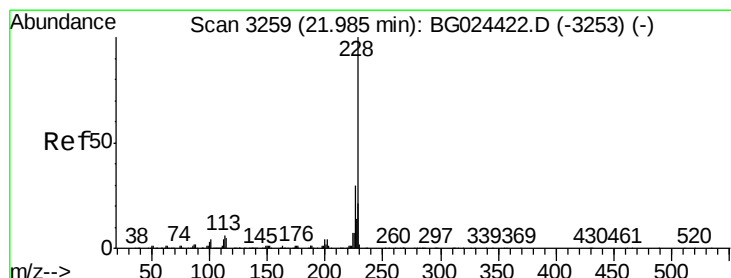
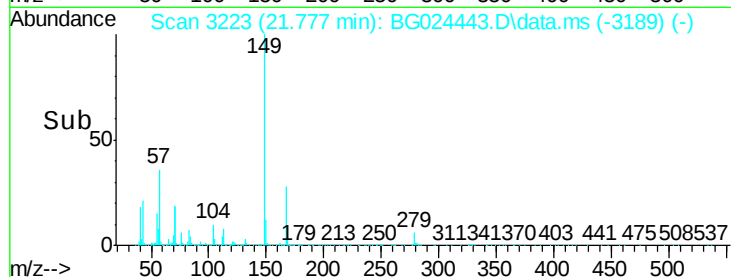
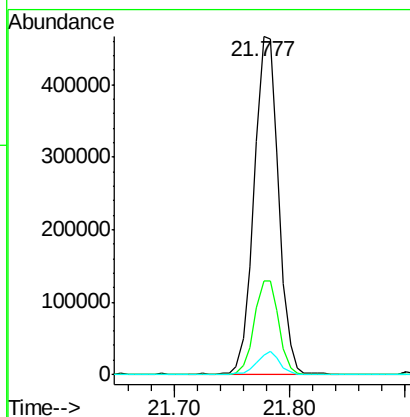
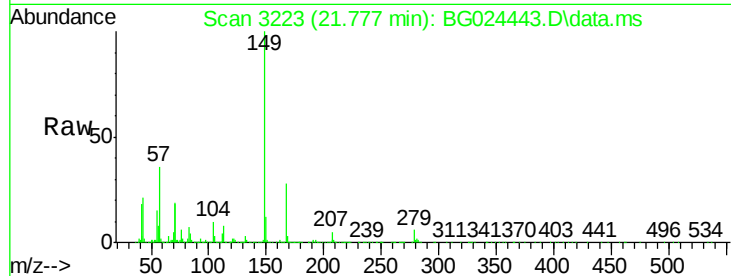
Tot Ion:149 Resp: 688151

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 5.8 4.5 6.7



#82

Chrysene

Concen: 21.38 ng/ul

RT: 21.983 min Scan# 3258

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

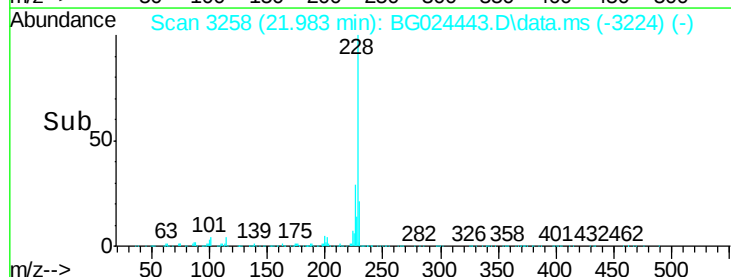
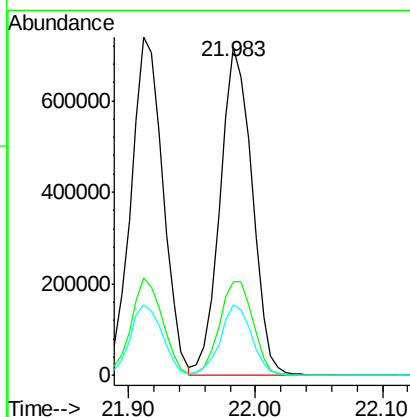
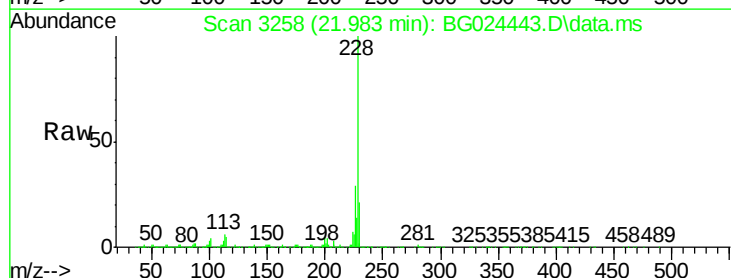
Tgt Ion:228 Resp: 1249558

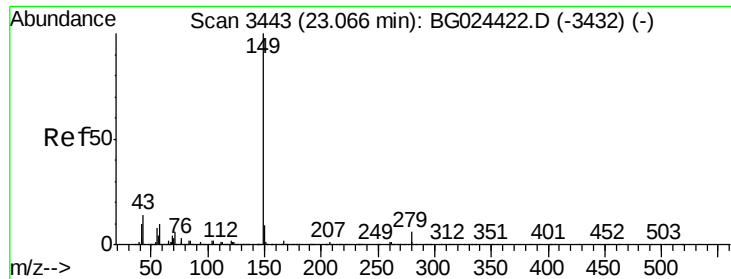
Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

229 21.5 16.9 25.3





#84

Di-n-octyl phthalate

Concen: 22.49 ng/ul

RT: 23.064 min Scan# 34

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

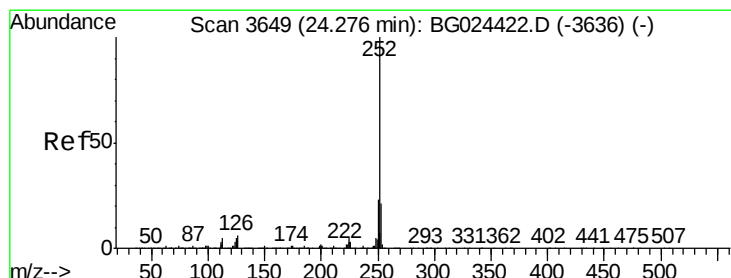
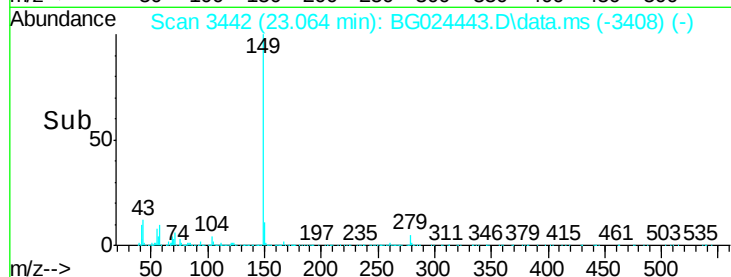
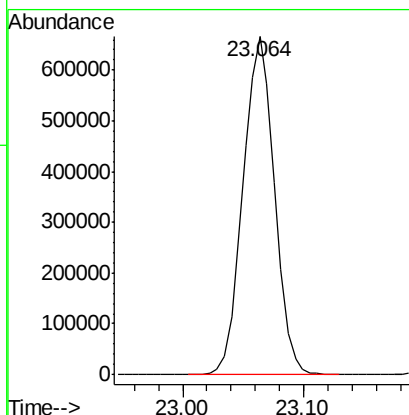
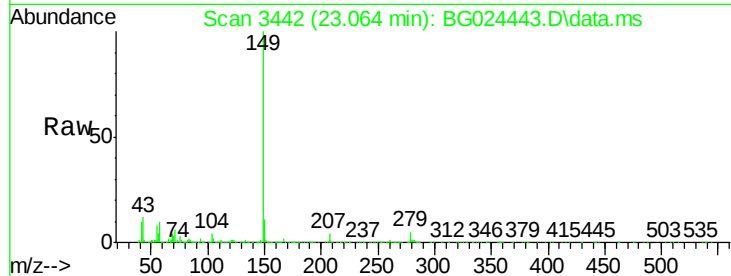
Instrument :

BNA_G

ClientSampleId :

SSTD02005

Tgt Ion:149 Resp: 1204361



#85

Benzo(b)fluoranthene

Concen: 20.71 ng/ul

RT: 24.274 min Scan# 3648

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

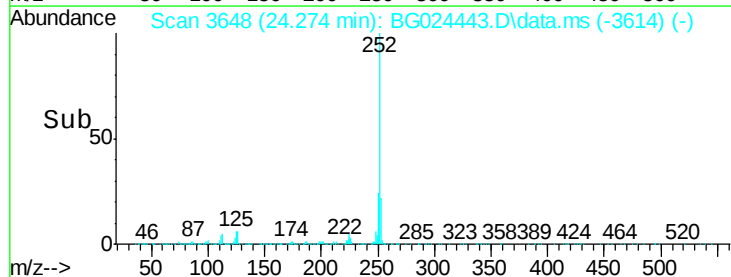
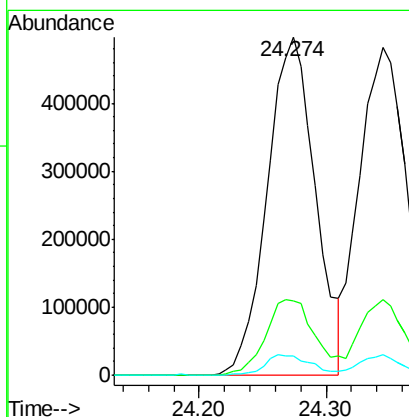
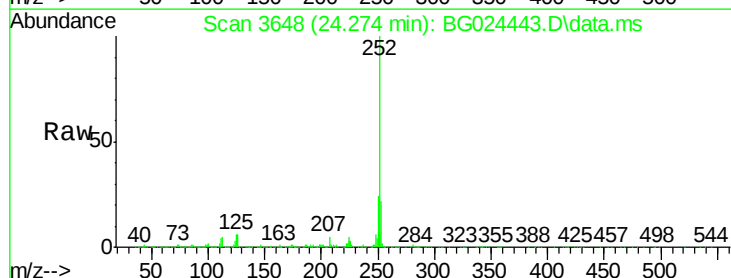
Tgt Ion:252 Resp: 1312785

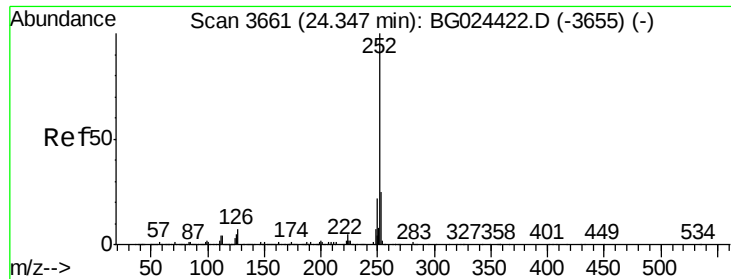
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 5.5 4.0 6.0





#86

Benzo(k)fluoranthene

Concen: 21.51 ng/ul

RT: 24.274 min Scan# 36

Delta R.T. -0.073 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

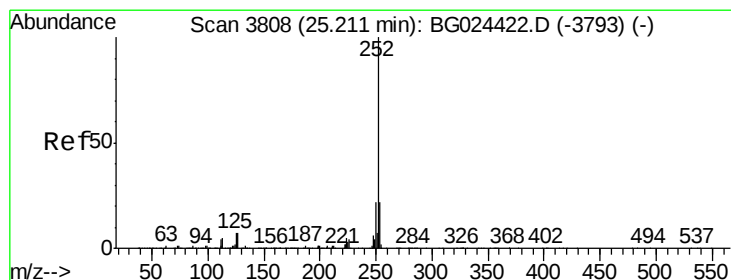
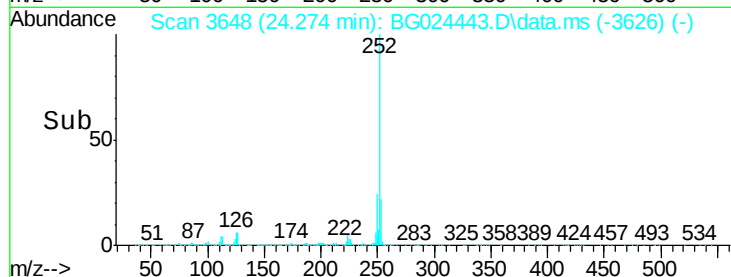
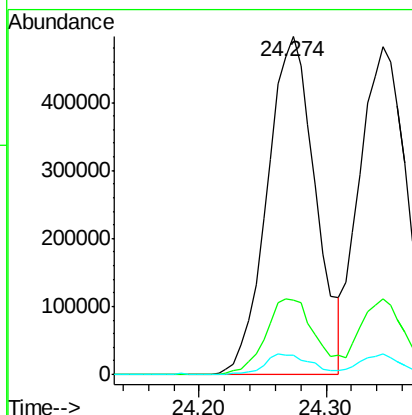
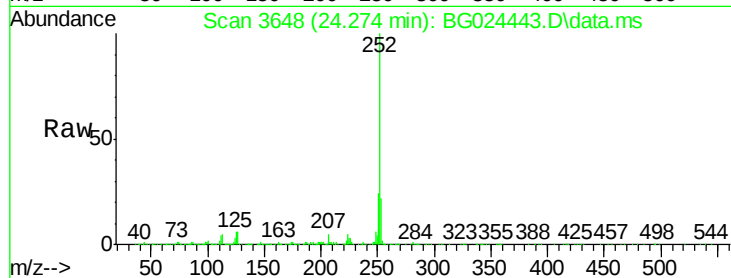
Tot Ion:252 Resp: 1312785

Ion Ratio Lower Upper

252 100

253 21.8 18.5 27.7

125 5.5 4.1 6.1



#88

Benzo(a)pyrene

Concen: 20.58 ng/ul

RT: 25.208 min Scan# 3807

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

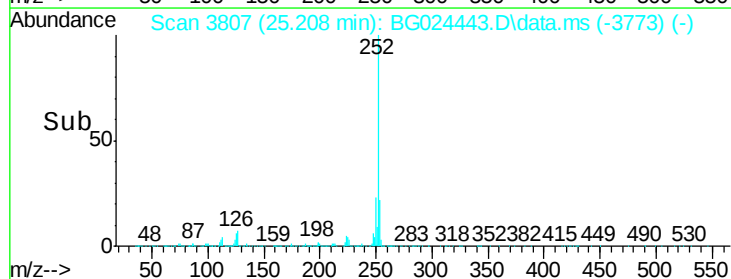
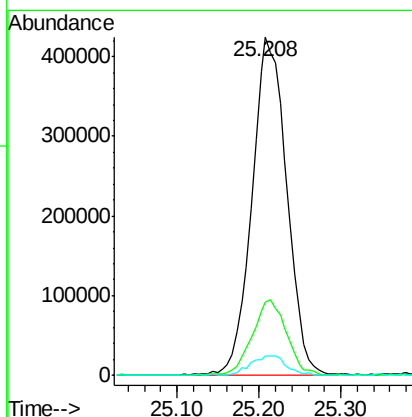
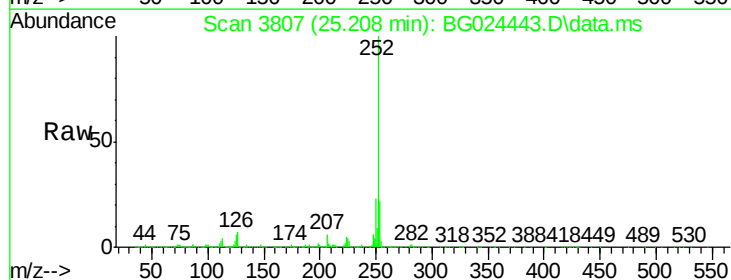
Tgt Ion:252 Resp: 1242162

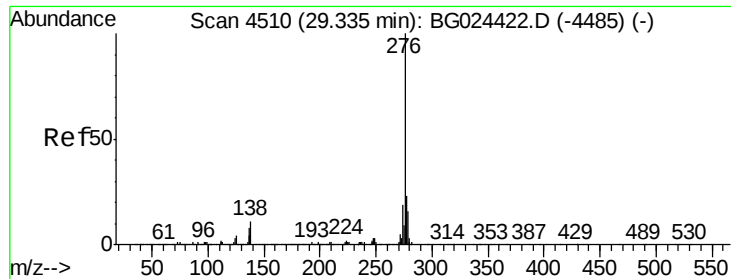
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 5.6 5.4 8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 21.81 ng/ul

RT: 29.333 min Scan# 4510

Delta R.T. -0.002 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

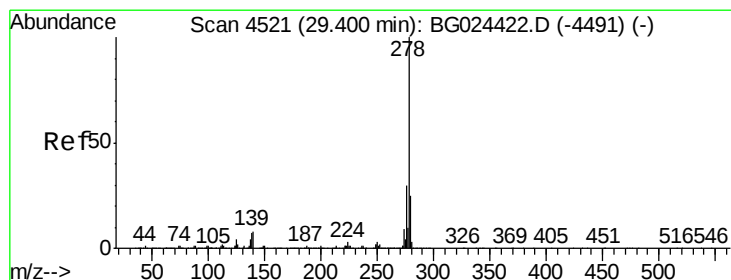
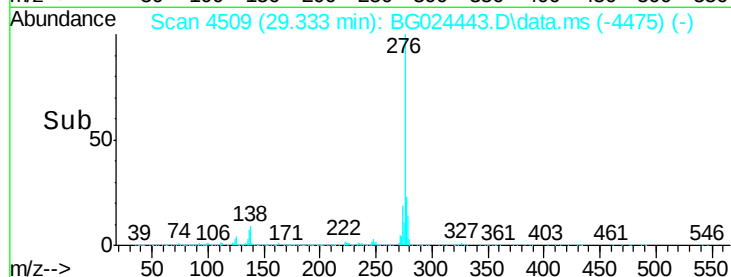
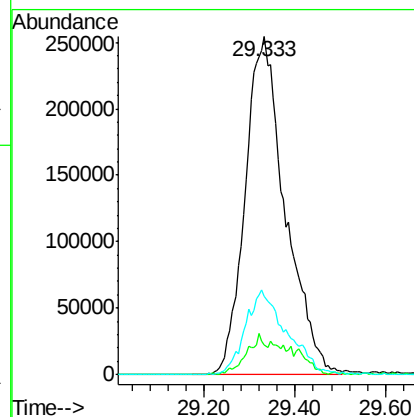
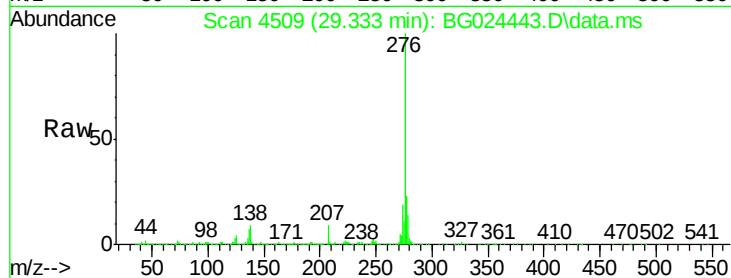
BNA_G

ClientSampleId :

SSTD02005

Tot Ion:276 Resp: 1559177

Ion	Ratio	Lower	Upper
276	100		
138	8.6	8.2	12.4
277	23.2	18.6	28.0



#90

Dibenzo(a,h)anthracene

Concen: 21.61 ng/ul

RT: 29.397 min Scan# 4520

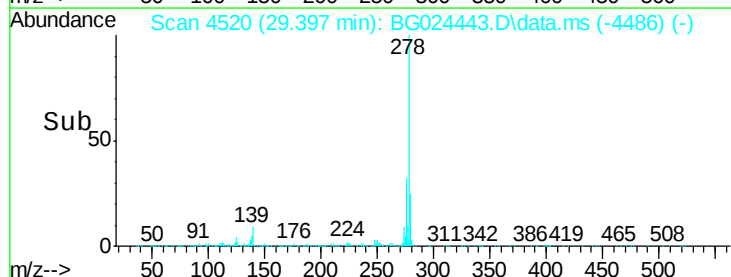
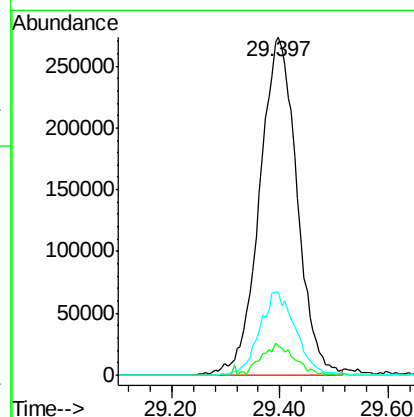
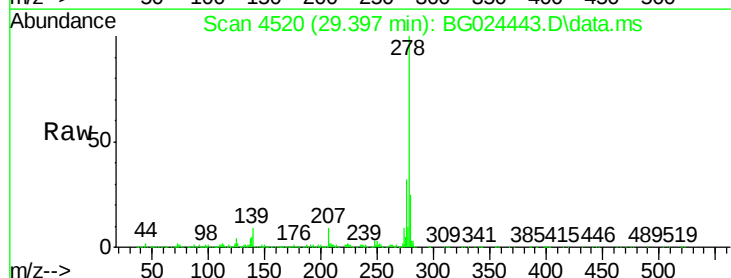
Delta R.T. -0.002 min

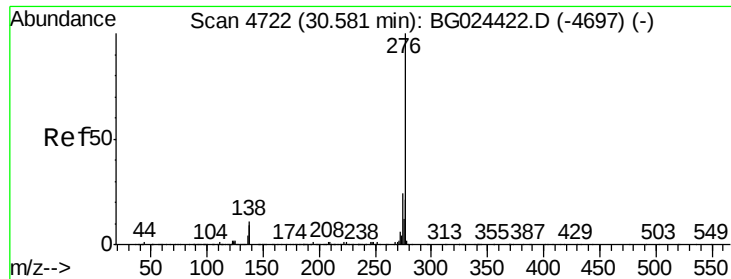
Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Tgt Ion:278 Resp: 1306391

Ion	Ratio	Lower	Upper
278	100		
139	8.7	6.7	10.1
279	24.8	20.9	31.3





#91

Benzo(a,h,i)perylene

Concen: 20.88 ng/ul

RT: 30.573 min Scan# 47

Delta R.T. -0.008 min

Lab File: BG024443.D

Acq: 19 Oct 2016 15:24

Instrument :

BNA_G

ClientSampleId :

SSTD02005

Tot Ion:276 Resp: 1255178

Ion Ratio Lower Upper

276 100

138 9.9 8.6 12.8

277 23.0 17.6 26.4

