

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023164.D
 Acq On : 18 Jul 2016 18:34
 Operator : UM/SJ
 Sample : H4044-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

Quant Time: Jul 19 01:04:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	121860	20.00	ng	-0.04
21) Naphthalene-d8	10.93	136	586524	20.00	ng	-0.05
38) Acenaphthene-d10	14.74	164	425246	20.00	ng	-0.05
63) Phenanthrene-d10	17.48	188	925564	20.00	ng	-0.08
75) Chrysene-d12	21.75	240	925869	20.00	ng	-0.10
86) Perylene-d12	25.03	264	889362	20.00	ng	-0.15

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	877397	117.76	ng	-0.03
7) Phenol-d6	7.27	99	1390475	119.15	ng	-0.04
23) Nitrobenzene-d5	9.28	82	1007049	73.52	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	604736	79.13	ng	-0.06
44) 2-Fluorobiphenyl	13.37	172	1894479	70.17	ng	-0.05
78) Terphenyl-d14	20.07	244	2347484	77.90	ng	-0.08

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	84752	29.26	ng	97
3) Pyridine	3.94	79	265572	26.80	ng	93
4) n-Nitrosodimethylamine	3.86	42	149342	35.12	ng	# 87
6) Aniline	7.43	93	428320	26.48	ng	96
8) 2-Chlorophenol	7.68	128	324587	40.94	ng	98
9) Benzaldehyde	7.24	77	146416	18.78	ng	90
10) Phenol	7.29	94	533610	44.44	ng	91
11) bis(2-Chloroethyl)ether	7.52	93	356625	37.47	ng	95
12) 1,3-Dichlorobenzene	7.99	146	336653	34.68	ng	100
13) 1,4-Dichlorobenzene	8.15	146	348057	35.82	ng	96
14) 1,2-Dichlorobenzene	8.46	146	338982	35.09	ng	98
15) Benzyl Alcohol	8.35	79	447547	41.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	471647	40.57	ng	94
17) 2-Methylphenol	8.55	107	334305	42.77	ng	95
18) Hexachloroethane	9.20	117	136445	33.27	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	376508	35.79	ng	97
20) 3+4-Methylphenols	8.88	107	462910	42.47	ng	97
22) Acetophenone	8.93	105	610637	34.69	ng	# 94
24) Nitrobenzene	9.32	77	555411	38.16	ng	92
25) Isophorone	9.84	82	978436	35.52	ng	97
26) 2-Nitrophenol	10.04	139	210384	36.84	ng	90
27) 2,4-Dimethylphenol	10.09	122	360550	36.52	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	557900	36.31	ng	99
29) 2,4-Dichlorophenol	10.58	162	411636	39.09	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	413206	34.25	ng	96
31) Naphthalene	10.98	128	1103385	36.96	ng	99
32) Benzoic acid	10.17	122	33619	3.74	ng	95
33) 4-Chloroaniline	11.09	127	329109	22.54	ng	96
34) Hexachlorobutadiene	11.25	225	305890	31.27	ng	96
35) Caprolactam	11.86	113	133113	30.73	ng	95
36) 4-Chloro-3-methylphenol	12.21	107	506893	35.20	ng	95
37) 2-Methylnaphthalene	12.58	142	869377	36.84	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	532769	29.07	ng	98
40) Hexachlorocyclopentadiene	12.92	237	395504	37.49	ng	97

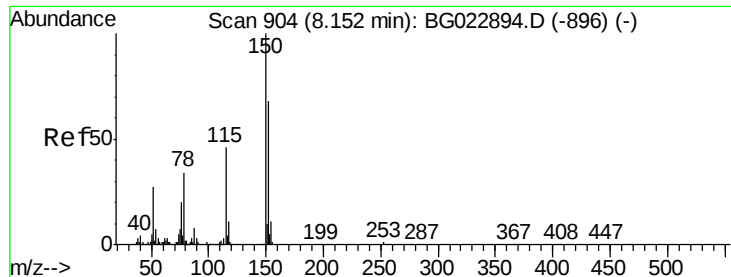
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	372806	35.39	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	394892	36.51	ng	94
45) 1,1'-Biphenyl	13.58	154	1171902	36.73	ng	96
46) 2-Chloronaphthalene	13.63	162	964985	37.28	ng	97
47) 2-Nitroaniline	13.83	65	406677	36.82	ng	95
48) Acenaphthylene	14.47	152	1431406	36.87	ng	99
49) Dimethylphthalate	14.19	163	1696899	48.85	ng	# 95
50) 2,6-Dinitrotoluene	14.32	165	277654	35.57	ng	87
51) Acenaphthene	14.81	154	928468	36.60	ng	97
52) 3-Nitroaniline	14.66	138	238525	30.64	ng	84
53) 2,4-Dinitrophenol	14.86	184	125415	23.41	ng	99
54) Dibenzofuran	15.14	168	1456640	38.36	ng	98
55) 4-Nitrophenol	14.97	139	432355	66.26	ng	94
56) 2,4-Dinitrotoluene	15.10	165	399245	35.08	ng	97
57) Fluorene	15.79	166	1160413	35.50	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	373123	34.48	ng	96
59) Diethylphthalate	15.54	149	1226712	34.71	ng	98
60) 4-Chlorophenyl-phenylether	15.77	204	646679	32.48	ng	99
61) 4-Nitroaniline	15.81	138	274107	32.54	ng	# 83
62) Azobenzene	16.07	77	1427473	42.22	ng	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	133681	19.43	ng	97
65) n-Nitrosodiphenylamine	15.99	169	1073500	40.26	ng	96
66) 4-Bromophenyl-phenylether	16.66	248	420315	34.90	ng	98
67) Hexachlorobenzene	16.79	284	426113	32.54	ng	95
68) Atrazine	16.93	200	424026	35.85	ng	96
69) Pentachlorophenol	17.14	266	501644	59.16	ng	99
70) Phenanthrene	17.53	178	1752649	38.64	ng	98
71) Anthracene	17.62	178	1793554	39.05	ng	98
72) Carbazole	17.89	167	1576835	39.73	ng	99
73) Di-n-butylphthalate	18.42	149	1849384	41.90	ng	99
74) Fluoranthene	19.53	202	2001035	35.95	ng	97
76) Benzidine	19.70	184	1015372	38.25	ng	99
77) Pyrene	19.88	202	2025920	38.94	ng	99
79) Butylbenzylphthalate	20.75	149	922149	44.75	ng	97
80) Benzo(a)anthracene	21.73	228	2016316	38.92	ng	97
81) 3,3'-Dichlorobenzidine	21.64	252	601641	26.46	ng	# 98
82) Chrysene	21.79	228	1887653	38.85	ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	1261131	44.07	ng	100
84) Di-n-octyl phthalate	22.83	149	2062618	43.22	ng	99
85) Indeno(1,2,3-cd)pyrene	28.79	276	1922740	31.03	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	1994522	38.87	ng	# 98
88) Benzo(k)fluoranthene	24.06	252	1986354	40.79	ng	# 98
89) Benzo(a)pyrene	24.88	252	1939593	39.43	ng	# 99
90) Dibenzo(a,h)anthracene	28.84	278	1595215	32.68	ng	# 95
91) Benzo(g,h,i)perylene	29.96	276	1359795	27.81	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.04 min

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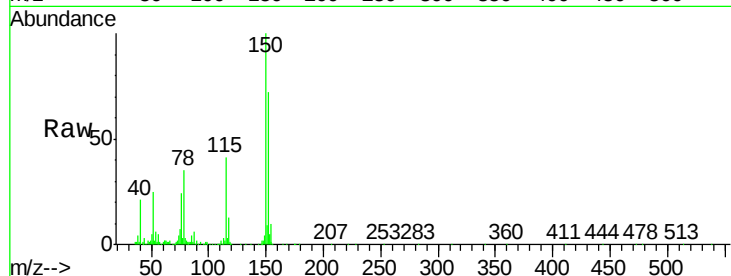
Tgt Ion:152 Resp: 121860

Ion Ratio Lower Upper

152 100

150 139.6 144.7 217.1#

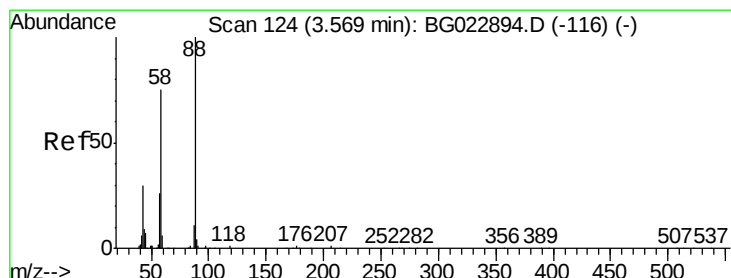
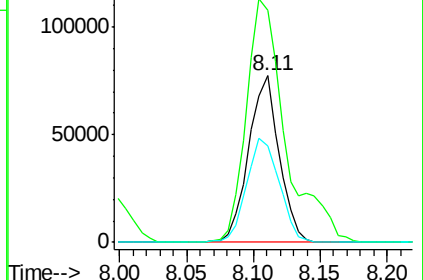
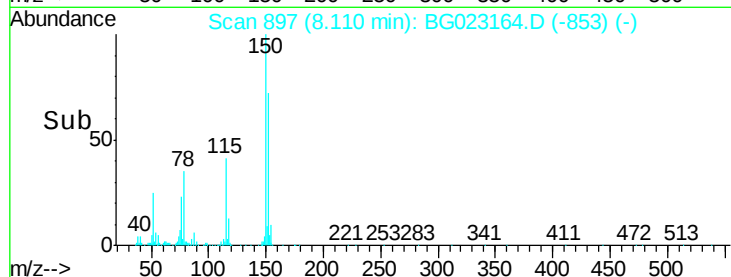
115 57.6 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.26 ng

RT: 3.54 min Scan# 119

Delta R.T. -0.03 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

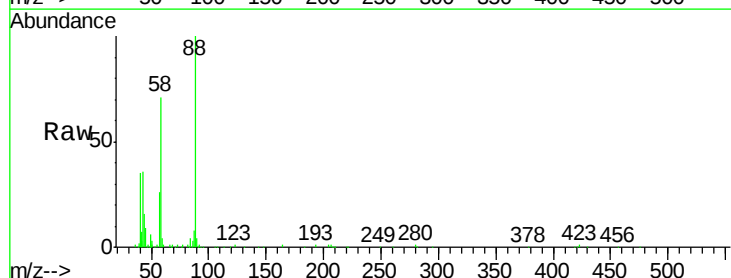
Tgt Ion: 88 Resp: 84752

Ion Ratio Lower Upper

88 100

58 77.8 60.4 90.6

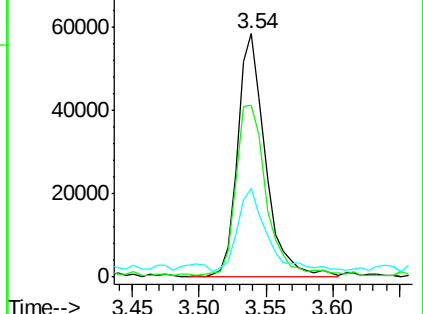
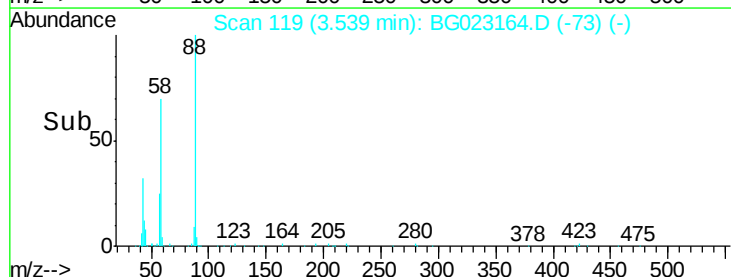
43 35.9 31.1 46.7

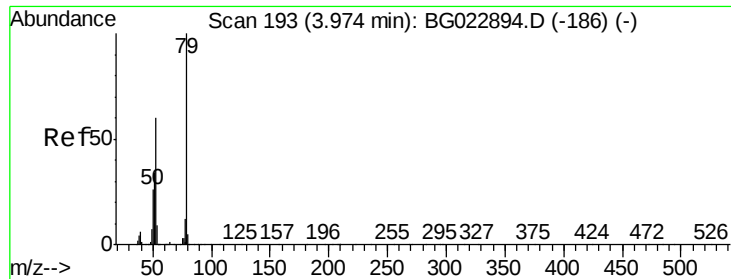


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.80 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

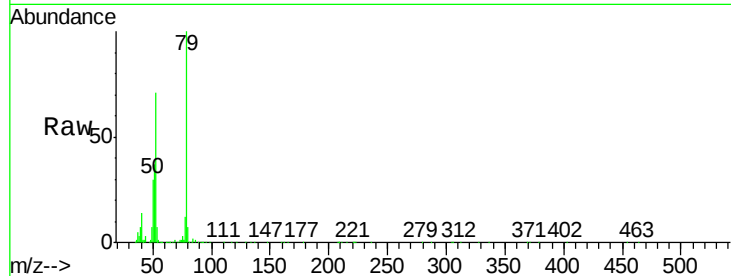
Tgt Ion: 79 Resp: 265572

Ion Ratio Lower Upper

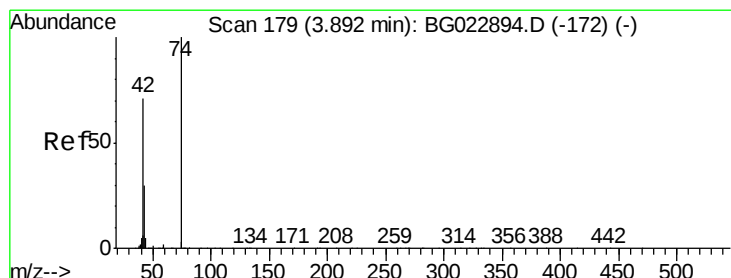
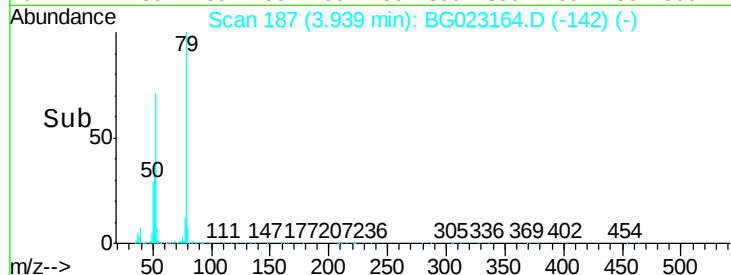
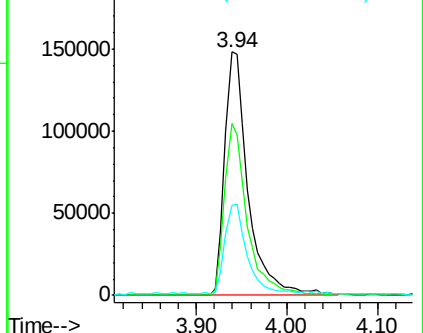
79 100

52 70.6 51.8 77.8

51 37.2 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.12 ng

RT: 3.86 min Scan# 173

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

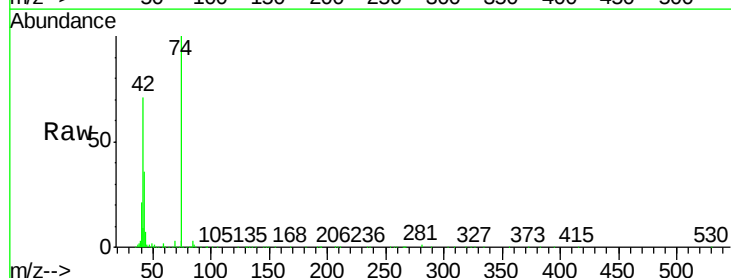
Tgt Ion: 42 Resp: 149342

Ion Ratio Lower Upper

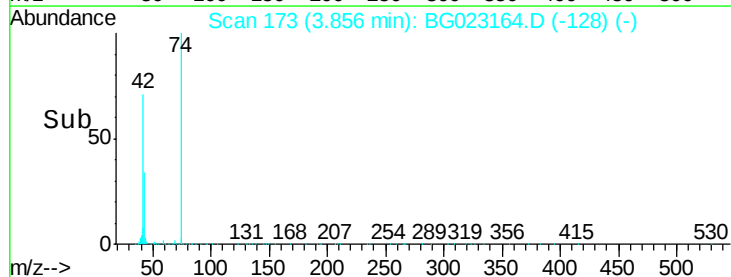
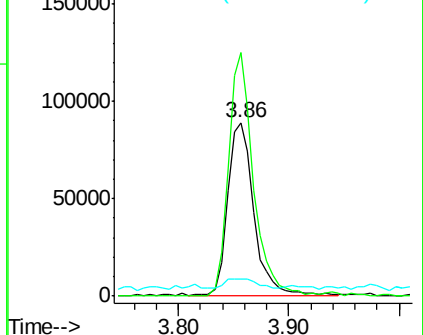
42 100

74 140.3 100.6 150.8

44 9.8 4.5 6.7#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.76 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.03 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

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ClientSampleId :

F9-B3(6-12)CMS

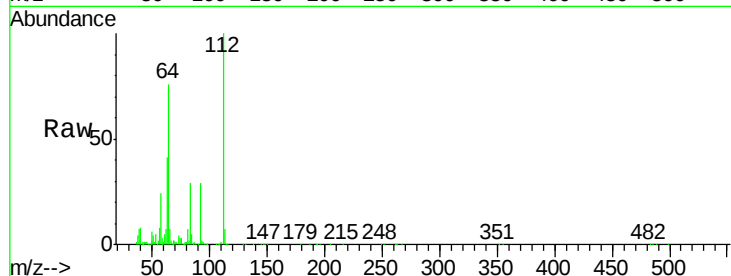
Tgt Ion: 112 Resp: 877397

Ion Ratio Lower Upper

112 100

64 76.0 59.0 88.4

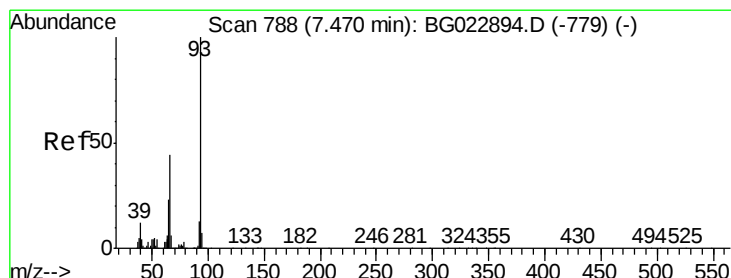
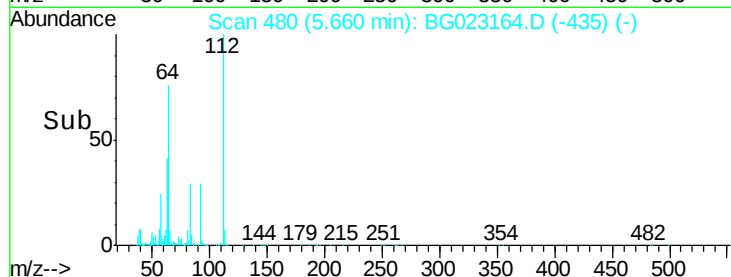
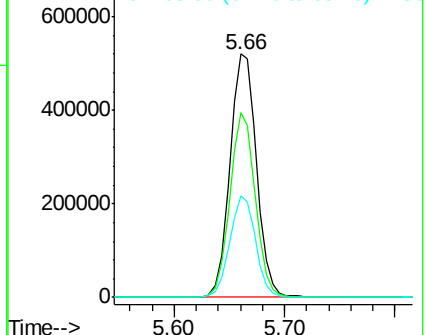
63 41.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.48 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

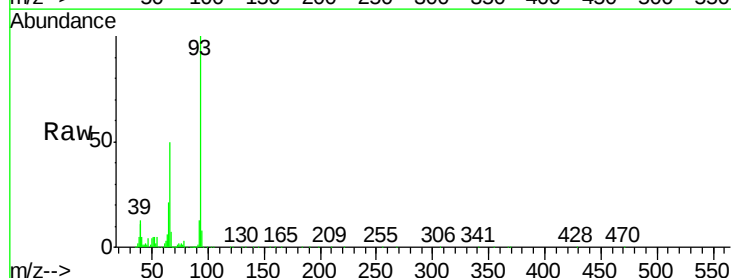
Tgt Ion: 93 Resp: 428320

Ion Ratio Lower Upper

93 100

66 49.6 37.5 56.3

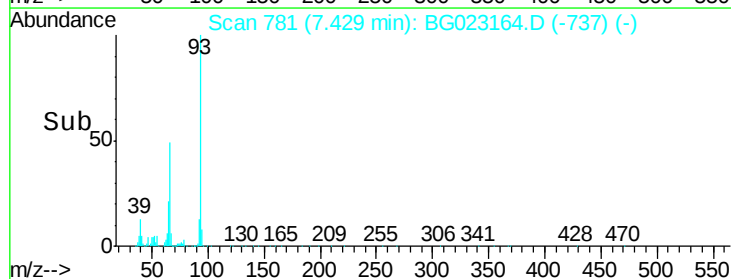
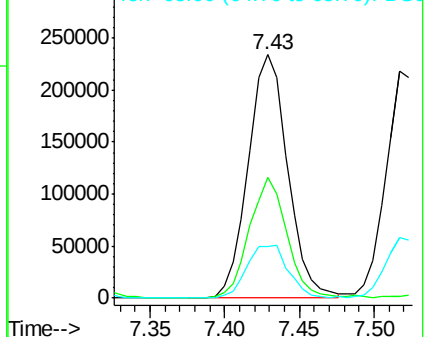
65 20.9 17.9 26.9

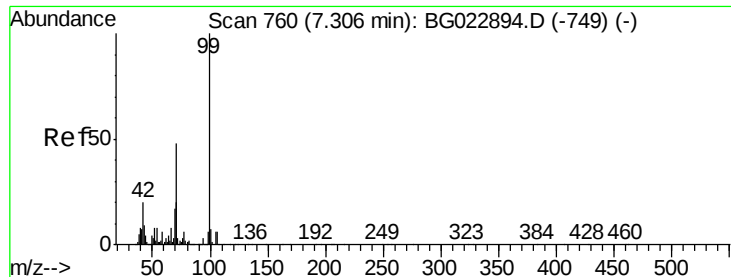


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.15 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.04 min

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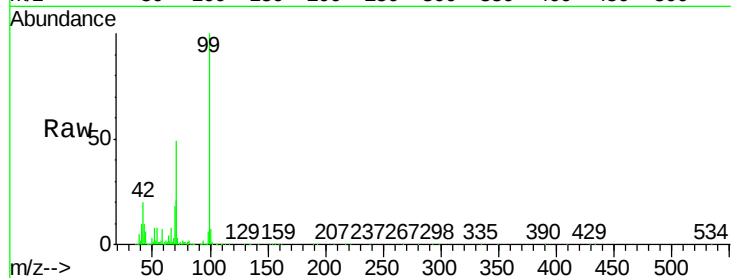
Tgt Ion: 99 Resp: 1390475

Ion Ratio Lower Upper

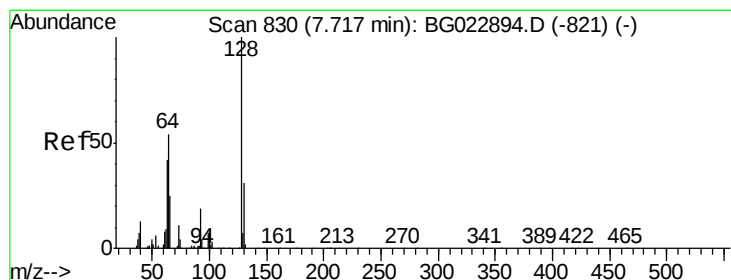
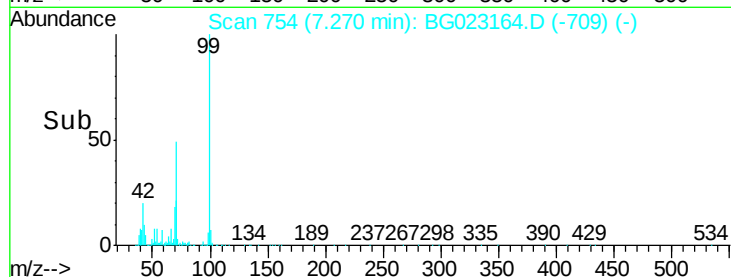
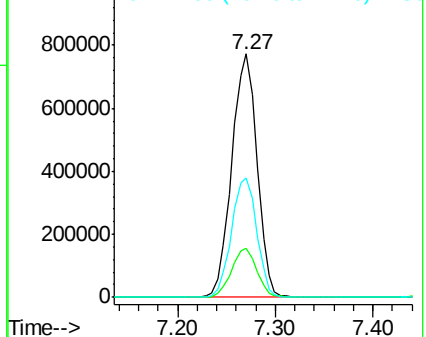
99 100

42 20.0 17.8 26.6

71 48.9 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.94 ng

RT: 7.68 min Scan# 823

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

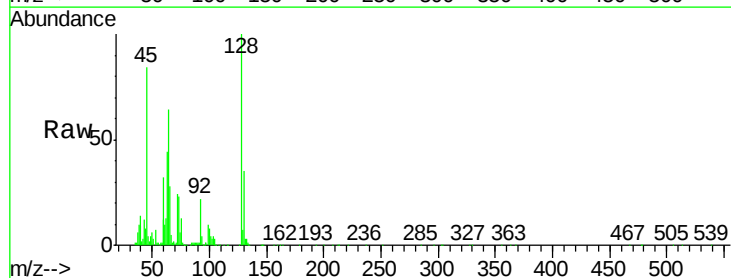
Tgt Ion: 128 Resp: 324587

Ion Ratio Lower Upper

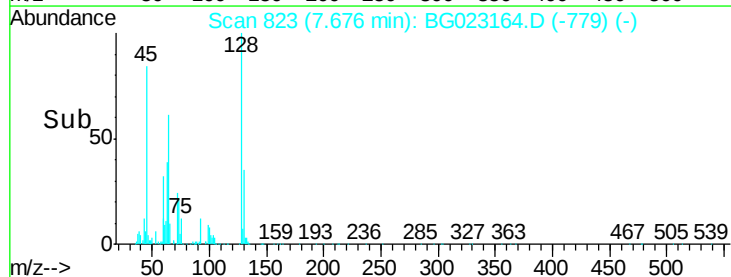
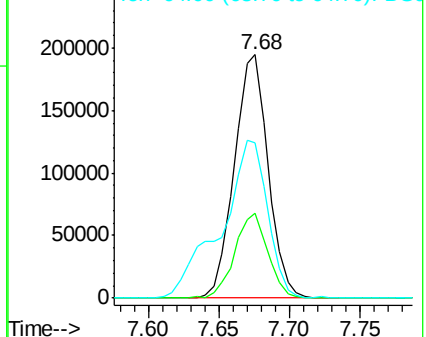
128 100

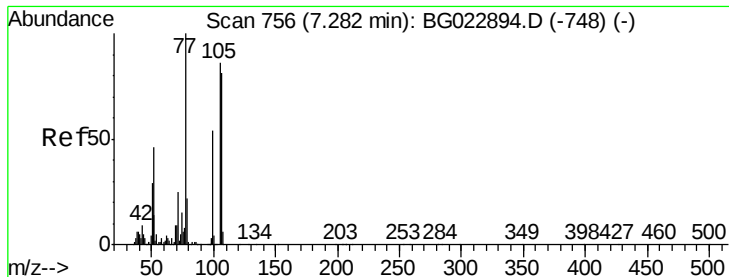
130 34.7 12.9 52.9

64 63.6 42.0 82.0



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





#9

Benzaldehyde

Concen: 18.78 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

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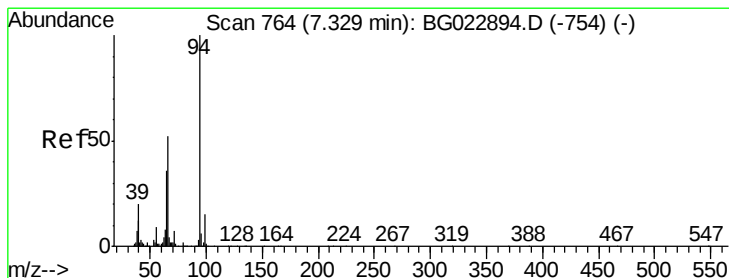
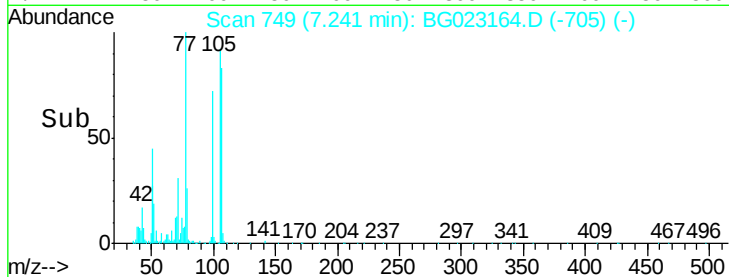
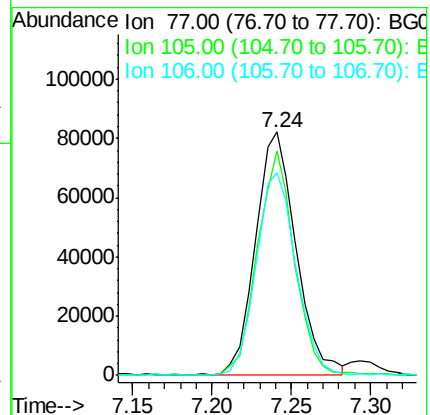
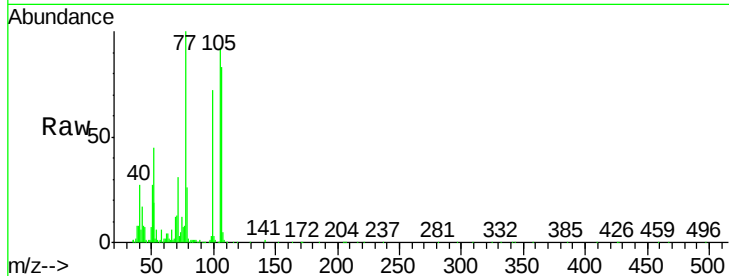
Tgt Ion: 77 Resp: 146416

Ion Ratio Lower Upper

77 100

105 92.4 58.7 98.7

106 83.1 67.5 107.5



#10

Phenol

Concen: 44.44 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

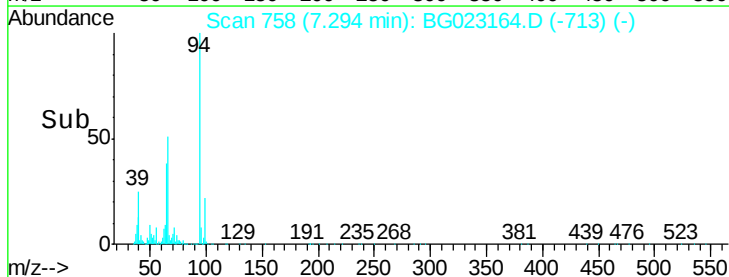
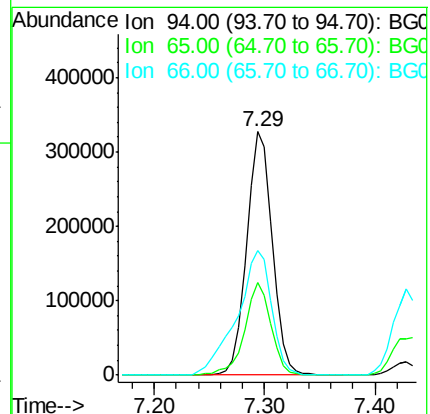
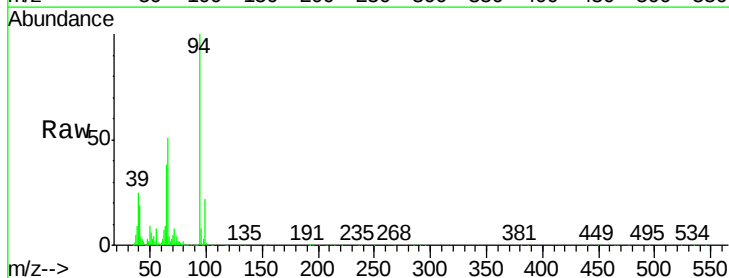
Tgt Ion: 94 Resp: 533610

Ion Ratio Lower Upper

94 100

65 38.2 18.1 58.1

66 51.1 42.1 82.1

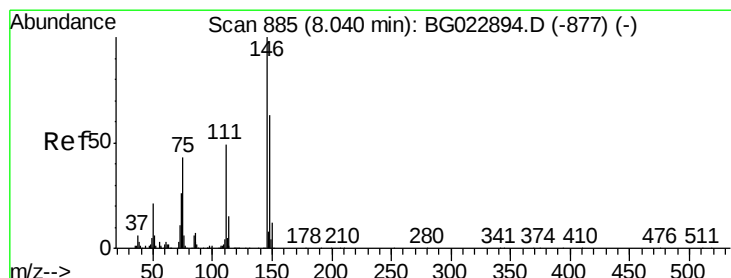
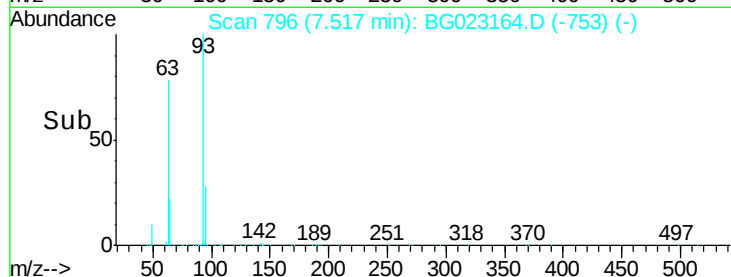
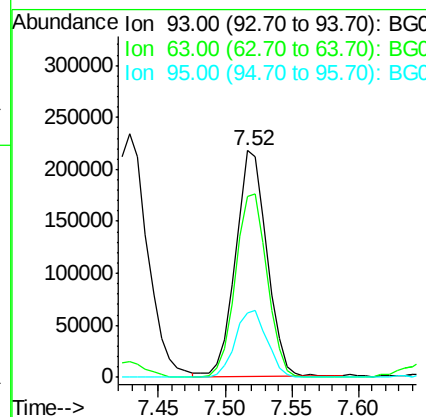
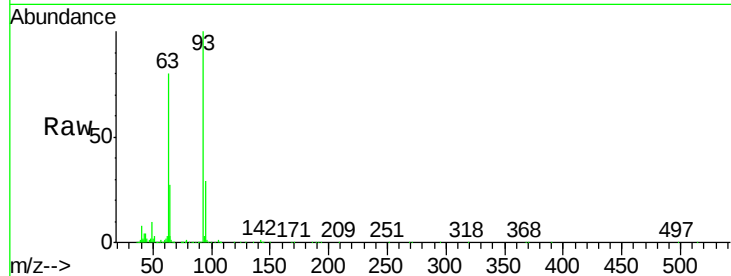




#11
bis(2-Chloroethyl)ether
Concen: 37.47 ng
RT: 7.52 min Scan# 796
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

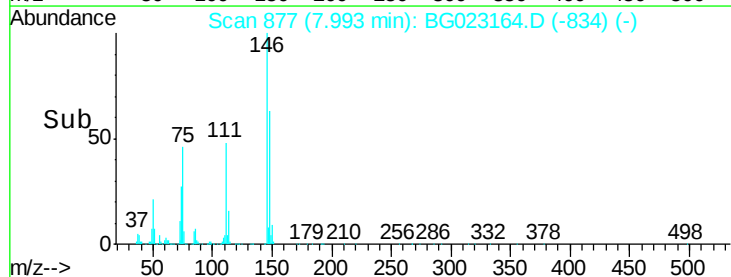
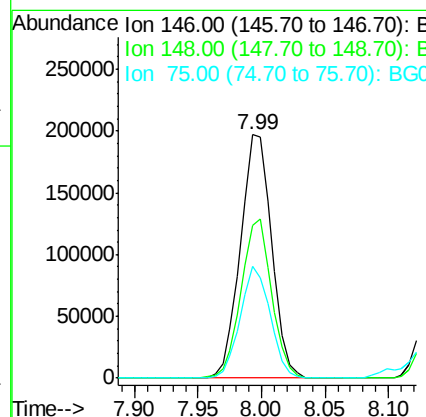
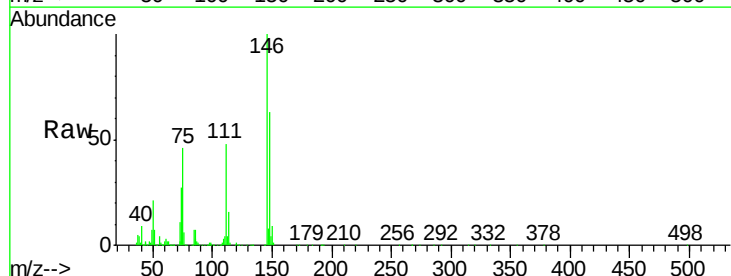
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

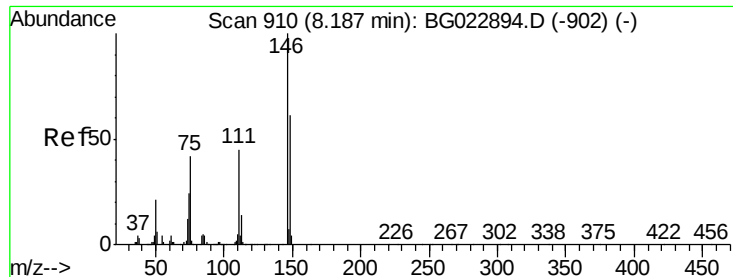
Tgt Ion:	93	Resp:	356625
Ion	Ratio	Lower	Upper
93	100		
63	79.8	55.0	95.0
95	28.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 34.68 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:	146	Resp:	336653
Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
75	45.8	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 35.82 ng

RT: 8.15 min Scan# 903

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

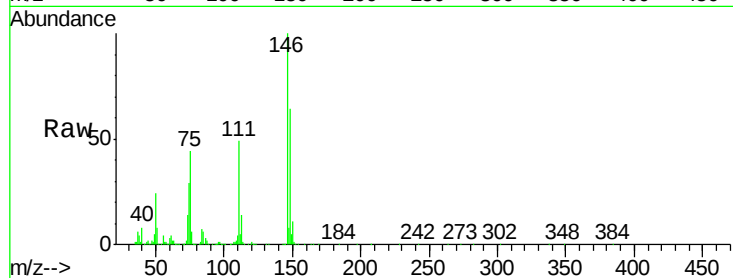
Tgt Ion:146 Resp: 348057

Ion Ratio Lower Upper

146 100

148 64.3 54.5 81.7

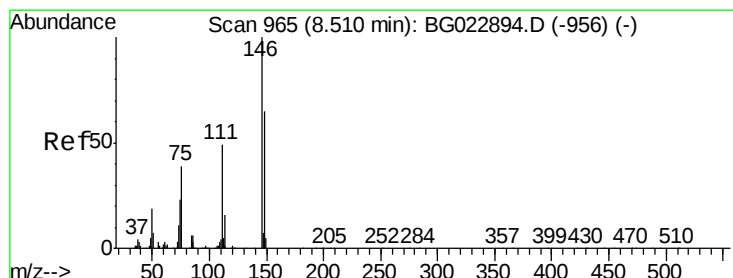
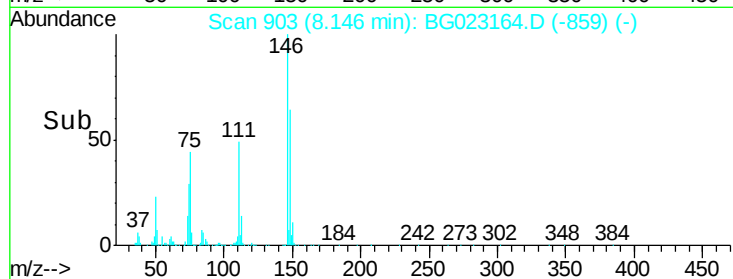
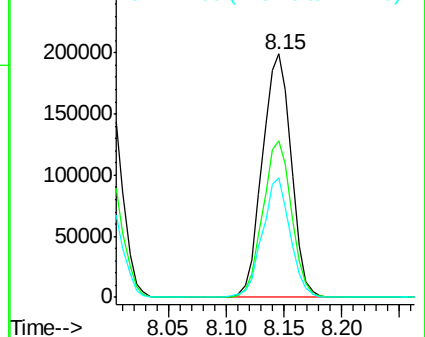
111 49.0 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.09 ng

RT: 8.46 min Scan# 957

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

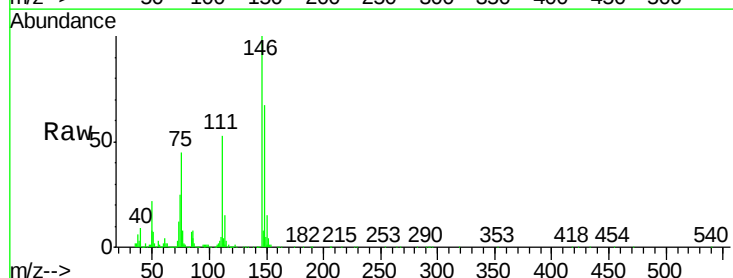
Tgt Ion:146 Resp: 338982

Ion Ratio Lower Upper

146 100

148 67.3 52.9 79.3

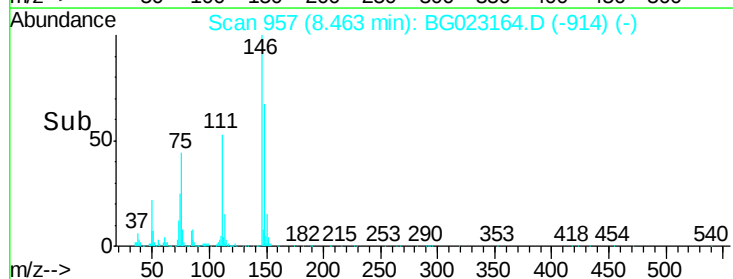
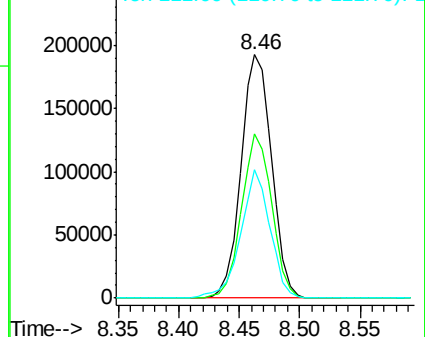
111 52.7 43.5 65.3

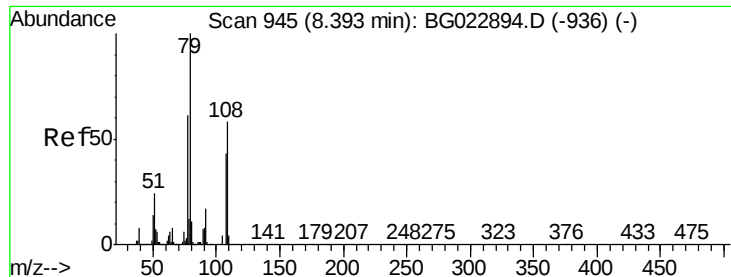


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.87 ng

RT: 8.35 min Scan# 937

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

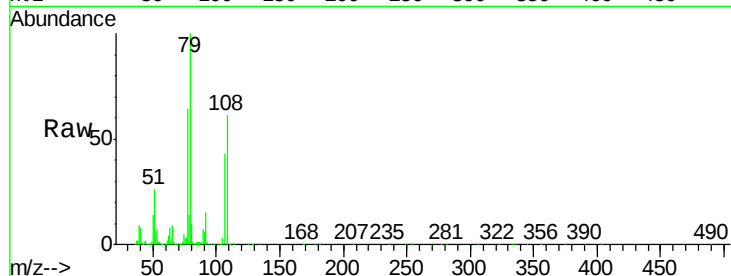
Tgt Ion: 79 Resp: 447547

Ion Ratio Lower Upper

79 100

108 60.8 46.5 69.7

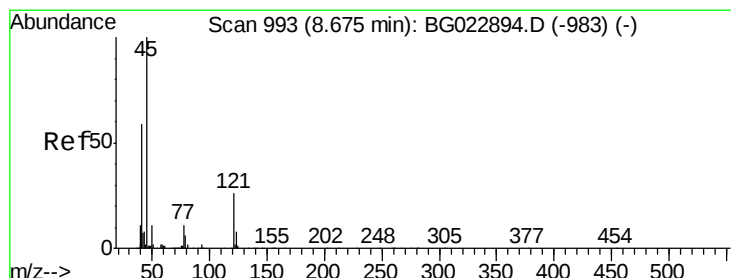
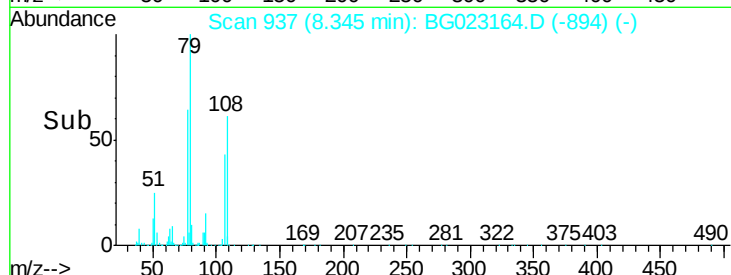
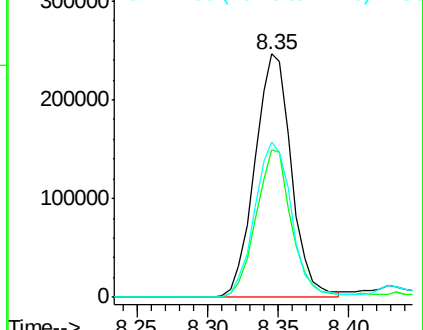
77 63.6 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.57 ng

RT: 8.64 min Scan# 987

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

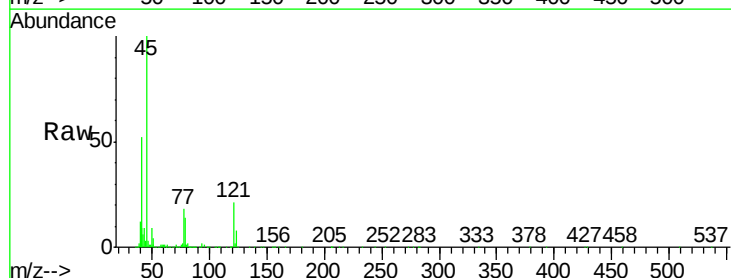
Tgt Ion: 45 Resp: 471647

Ion Ratio Lower Upper

45 100

77 18.0 0.6 40.6

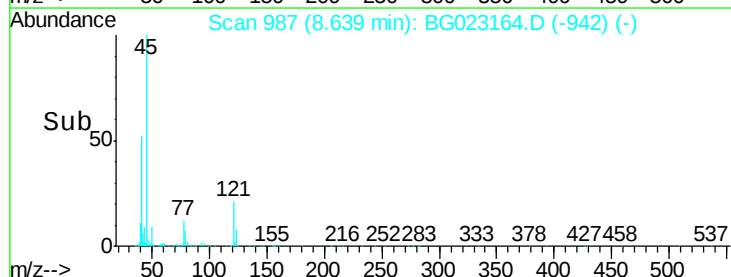
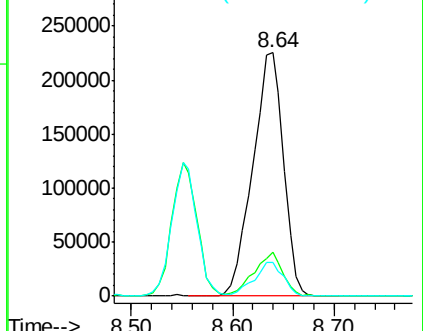
79 13.8 0.0 36.2

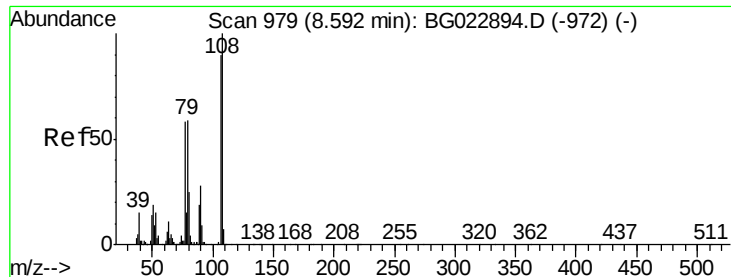


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.77 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.04 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

Tgt Ion:107 Resp: 334305

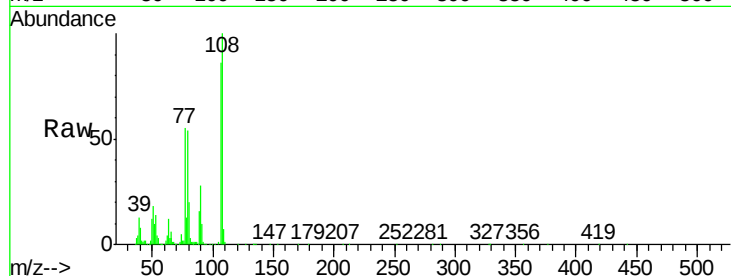
Ion Ratio Lower Upper

107 100

108 116.9 92.0 138.0

77 63.8 55.8 83.6

79 63.4 55.0 82.6

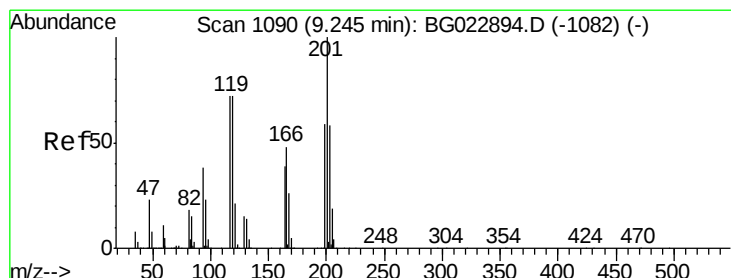
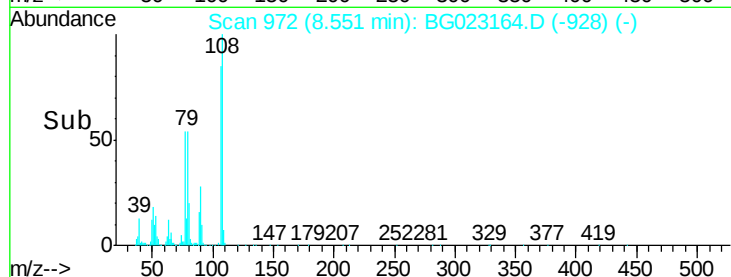
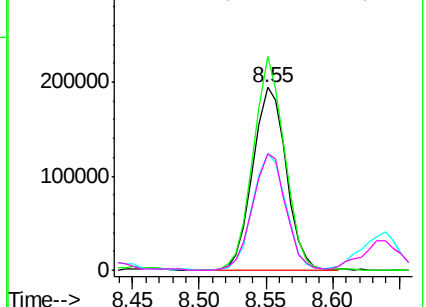


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.27 ng

RT: 9.20 min Scan# 1082

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

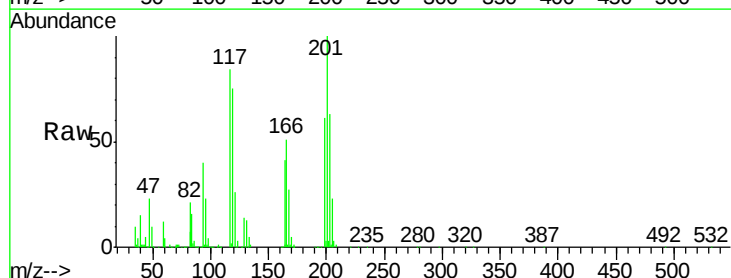
Tgt Ion:117 Resp: 136445

Ion Ratio Lower Upper

117 100

119 89.1 73.7 110.5

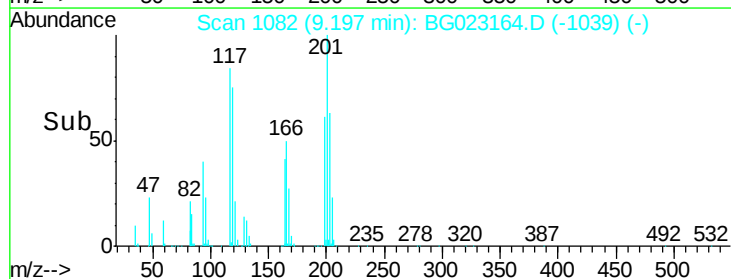
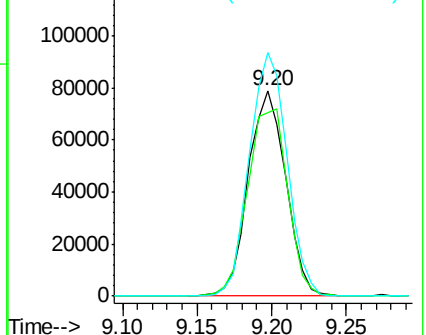
201 118.4 88.7 133.1

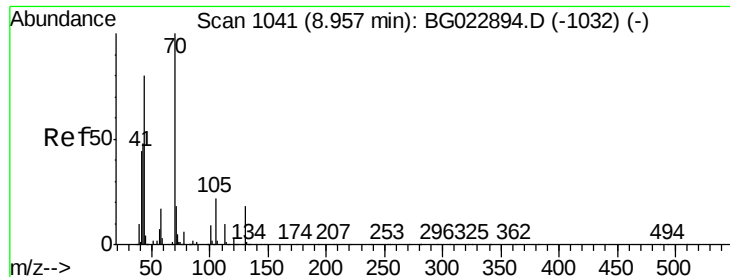


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

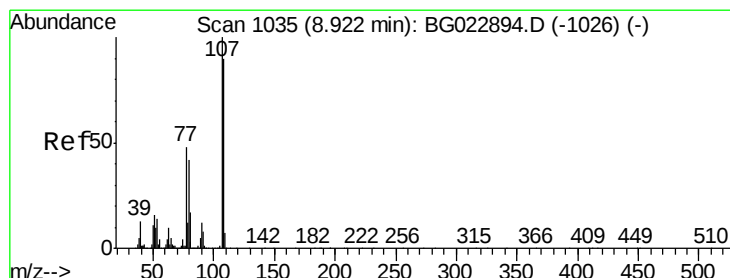
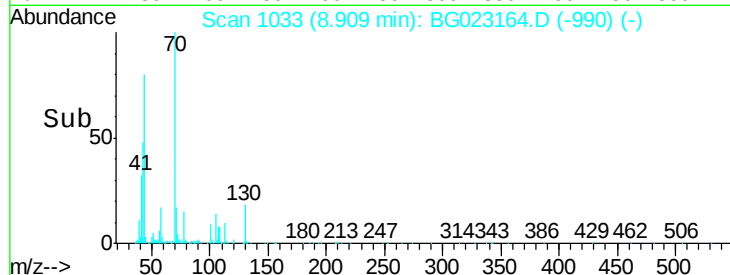
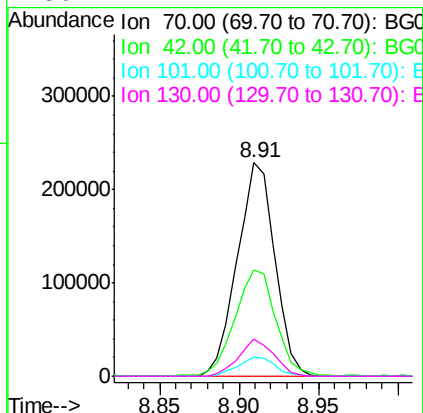
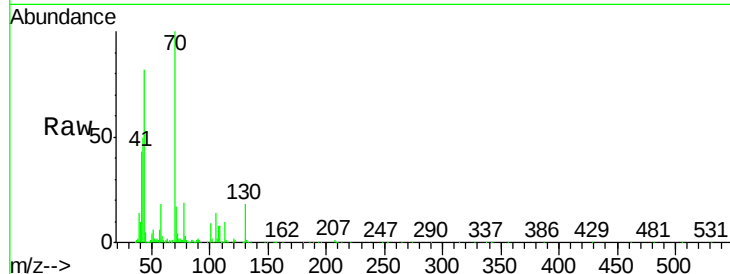




#19
n-Nitroso-di-n-propylamine
Concen: 35.79 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

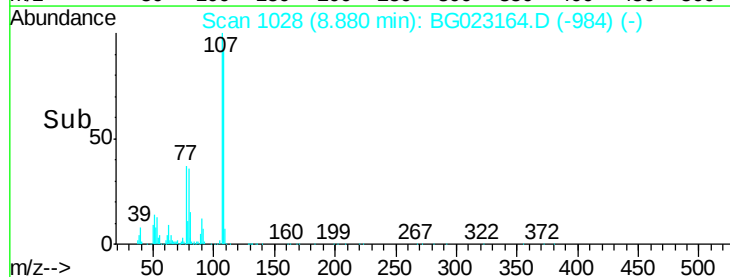
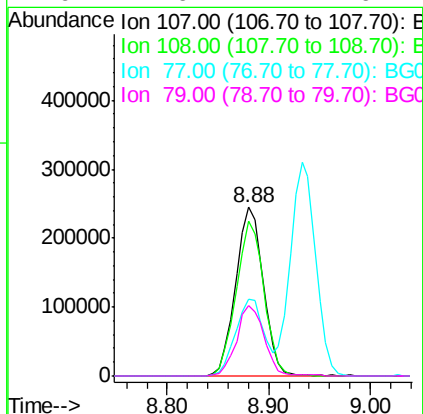
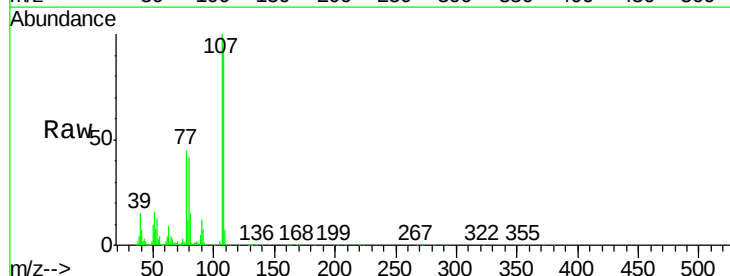
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

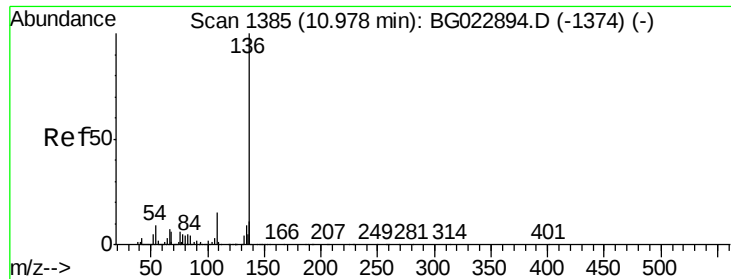
Tgt Ion:	70	Resp:	376508
Ion	Ratio	Lower	Upper
70	100		
42	49.6	42.1	63.1
101	8.9	7.2	10.8
130	17.7	14.2	21.2



#20
3+4-Methylphenols
Concen: 42.47 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:	107	Resp:	462910
Ion	Ratio	Lower	Upper
107	100		
108	91.9	72.5	112.5
77	45.3	30.1	70.1
79	41.6	24.2	64.2

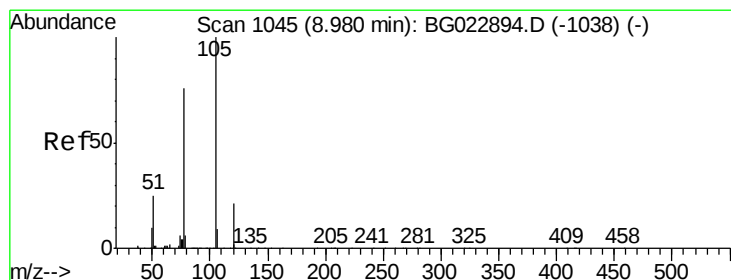
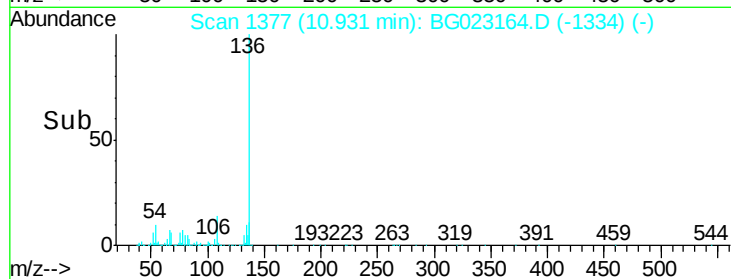
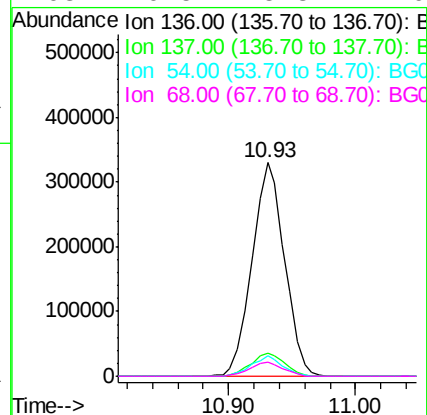
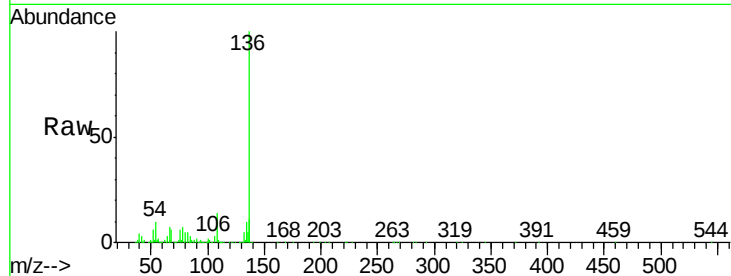




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

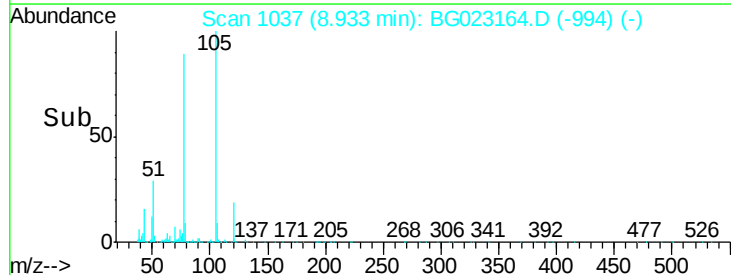
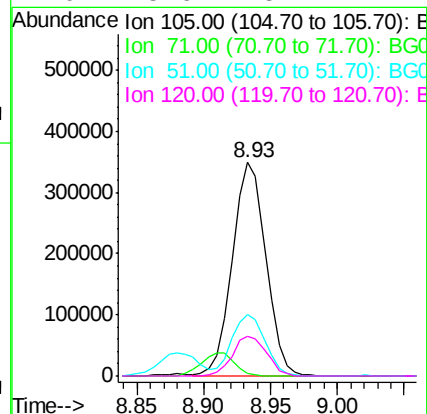
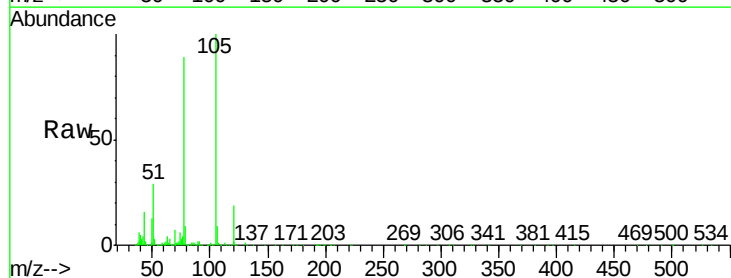
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

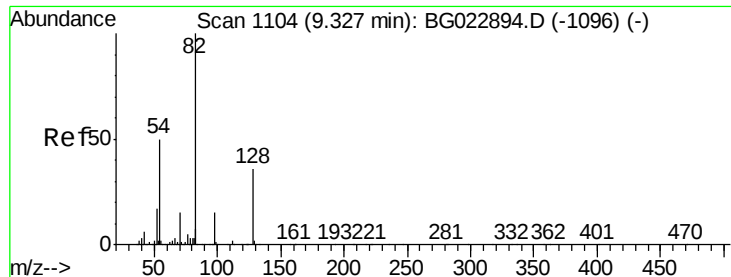
Tgt Ion:	136	Resp:	586524
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.6	7.3	10.9
68	6.5	5.3	7.9



#22
Acetophenone
Concen: 34.69 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:	105	Resp:	610637
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.6	3.8#
51	28.7	27.1	40.7
120	18.6	15.1	22.7

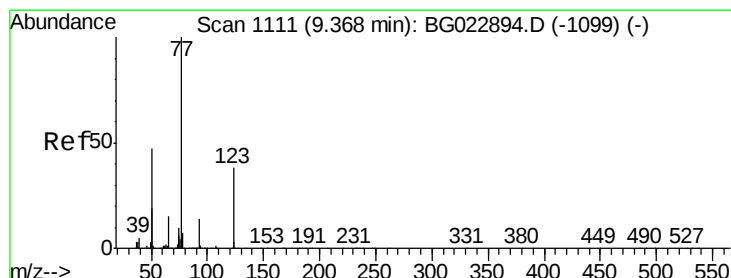
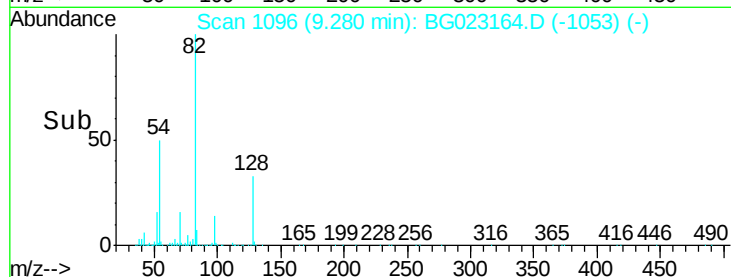
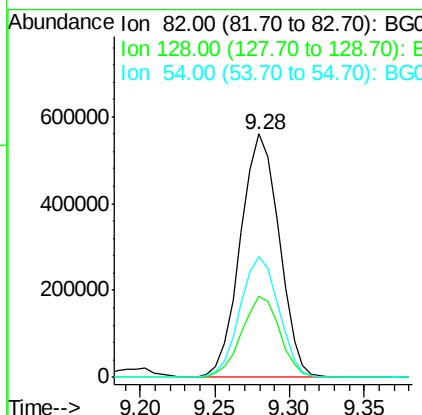
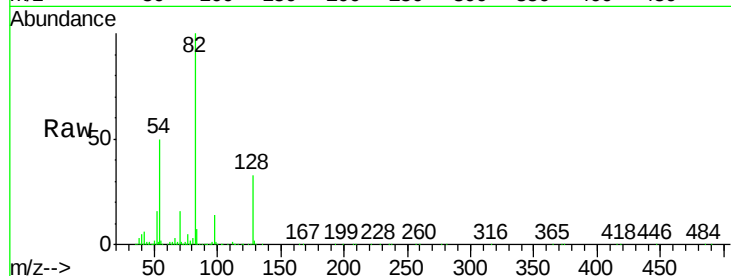




#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

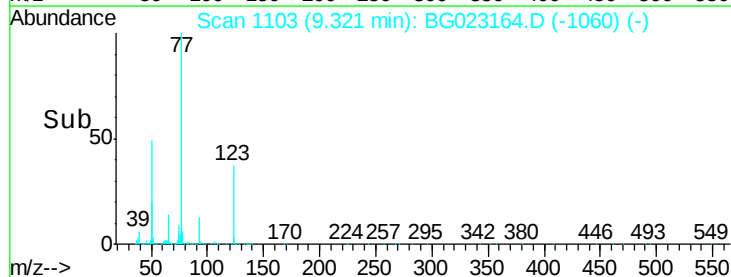
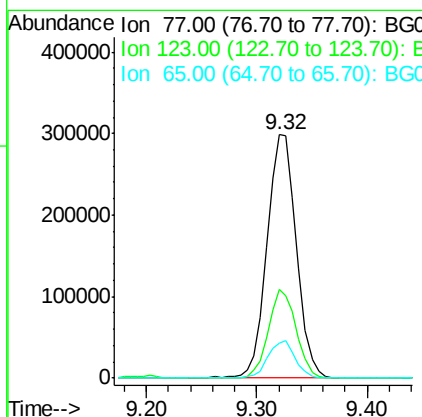
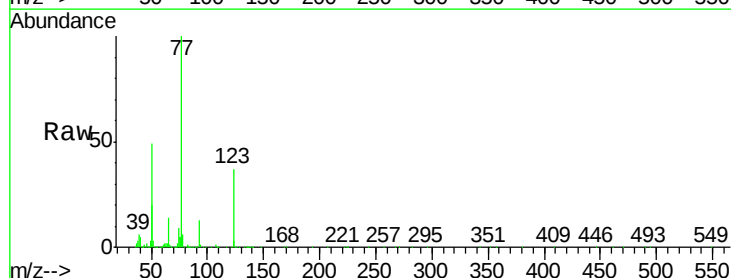
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

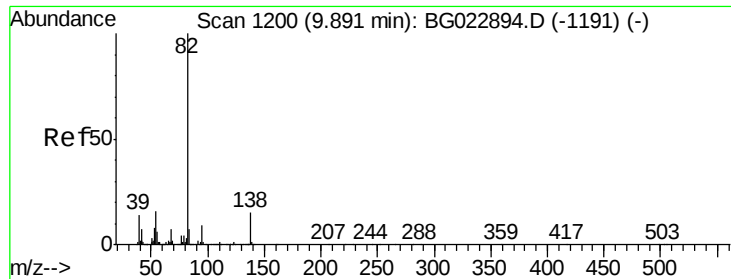
Tgt Ion: 82 Resp: 1007049
 Ion Ratio Lower Upper
 82 100
 128 33.0 24.4 36.6
 54 49.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 38.16 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion: 77 Resp: 555411
 Ion Ratio Lower Upper
 77 100
 123 36.6 25.0 37.6
 65 14.3 13.4 20.0

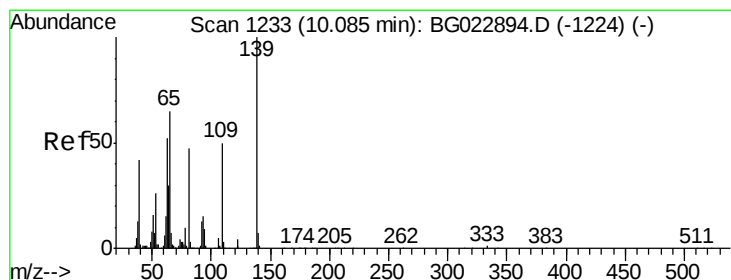
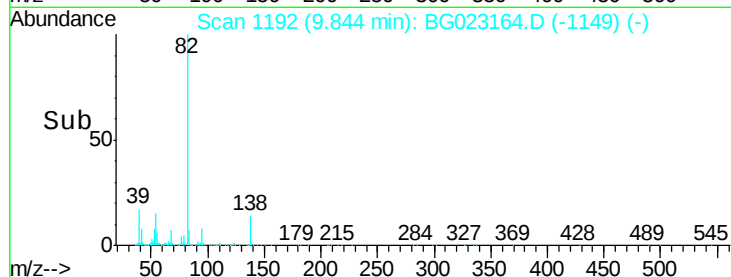
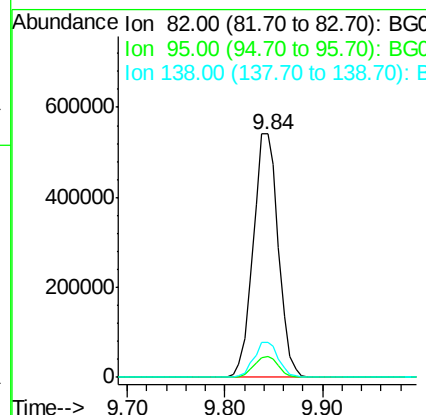
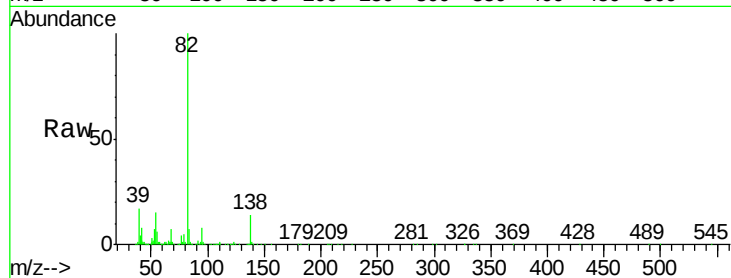




#25
Isophorone
Concen: 35.52 ng
RT: 9.84 min Scan# 1192
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

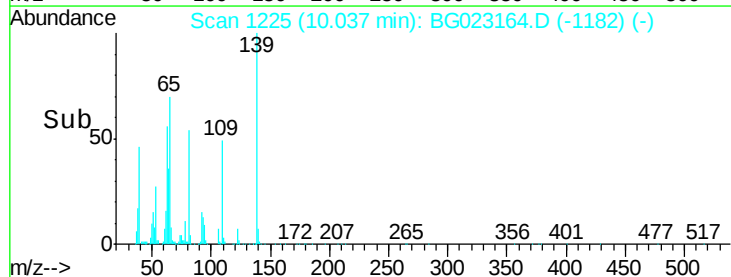
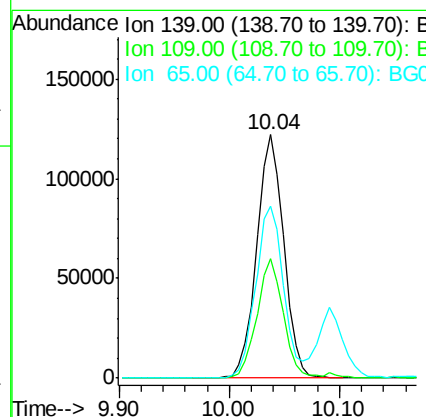
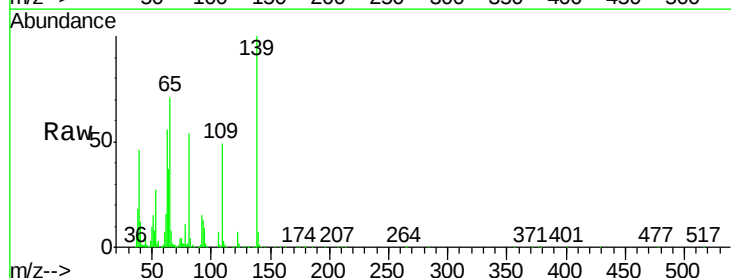
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

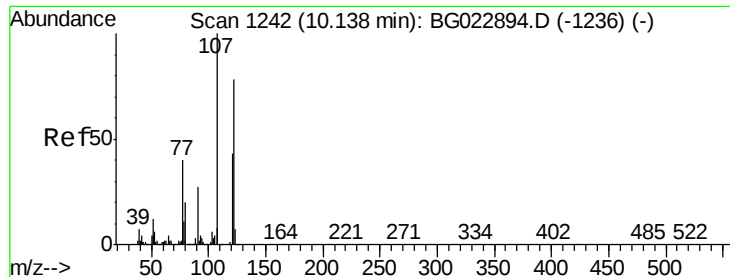
Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.5	8.2	12.2
138	14.2	10.7	16.1



#26
2-Nitrophenol
Concen: 36.84 ng
RT: 10.04 min Scan# 1225
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.9	43.5	65.3
65	70.6	64.3	96.5

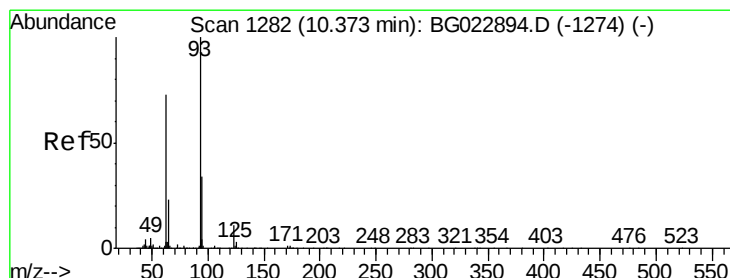
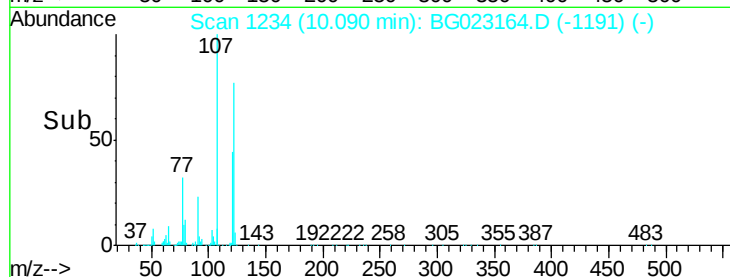
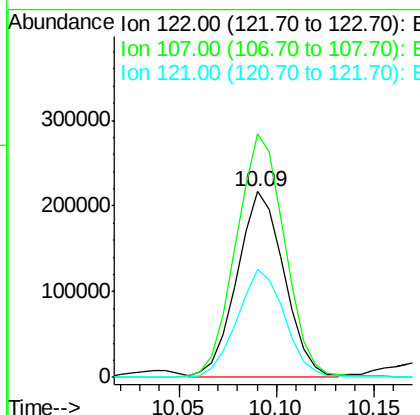
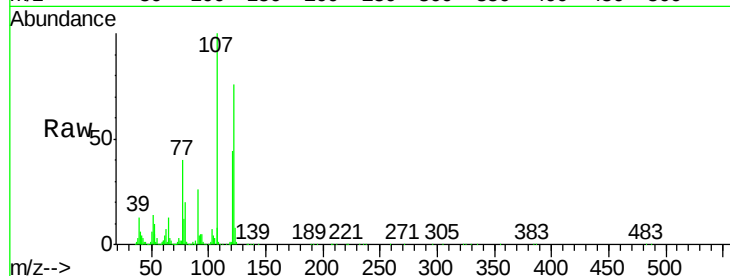




#27
 2,4-Dimethylphenol
 Concen: 36.52 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

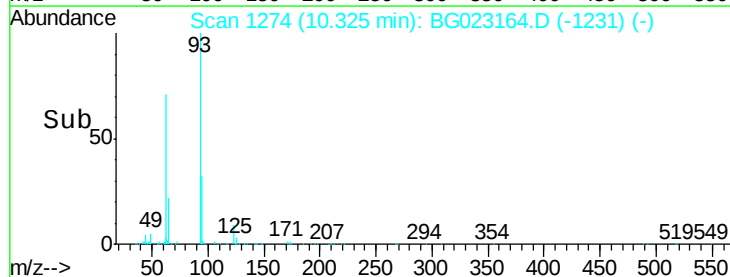
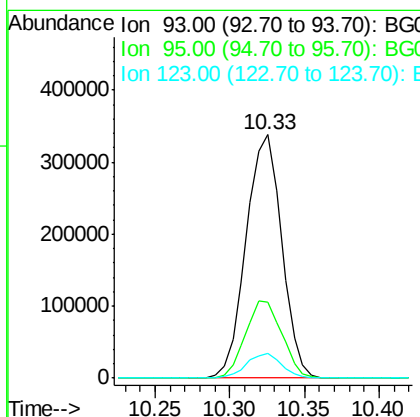
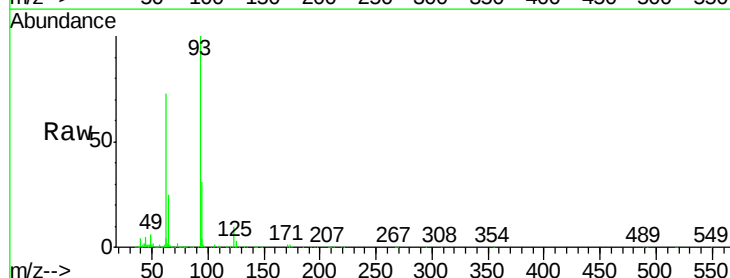
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

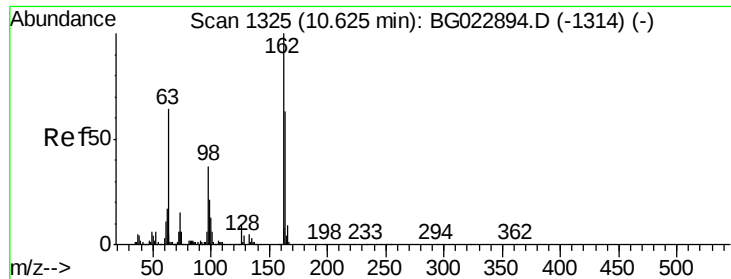
Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.0	117.0	175.4
121	57.9	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.31 ng
 RT: 10.33 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.4	38.2
123	10.0	8.2	12.2

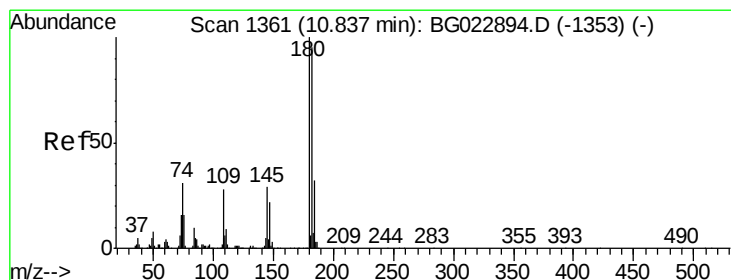
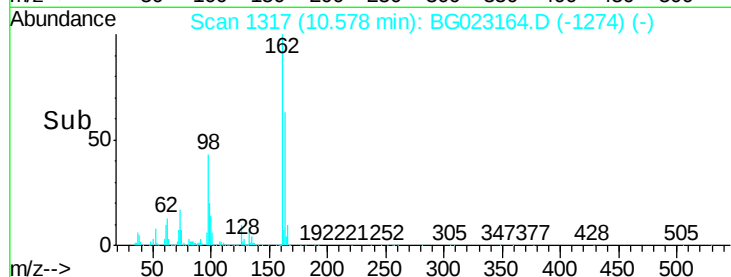
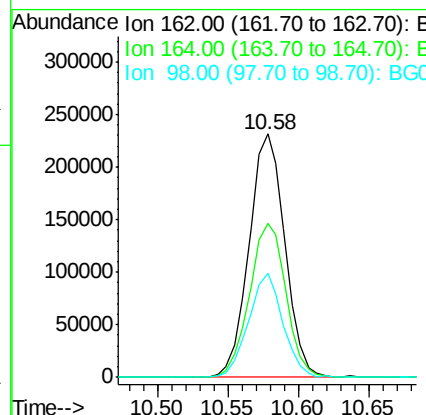
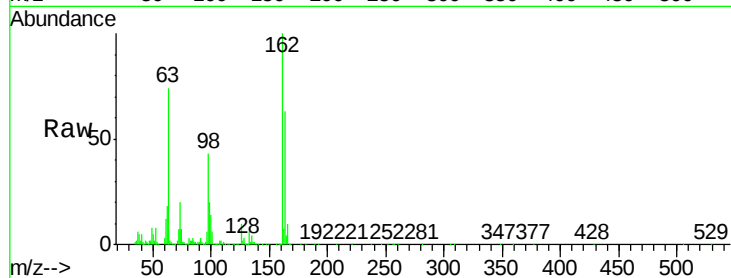




#29
 2,4-Dichlorophenol
 Concen: 39.09 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

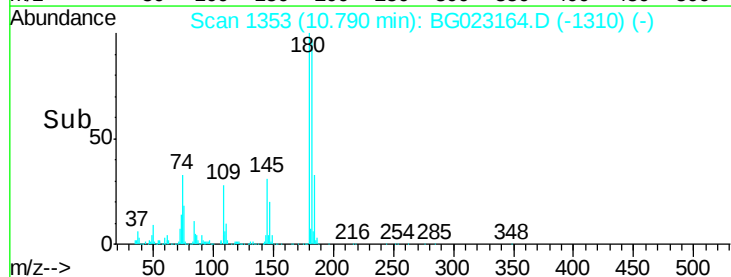
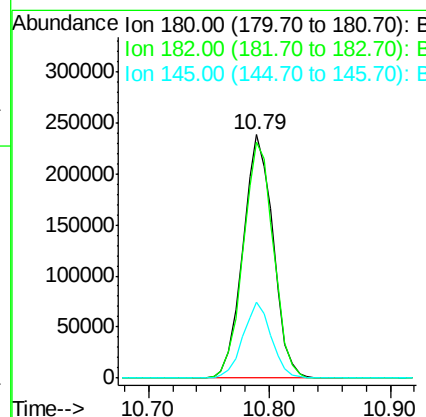
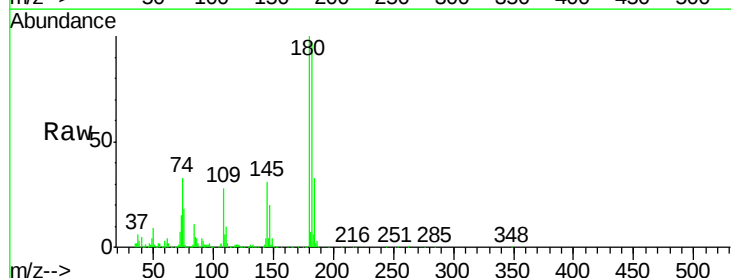
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

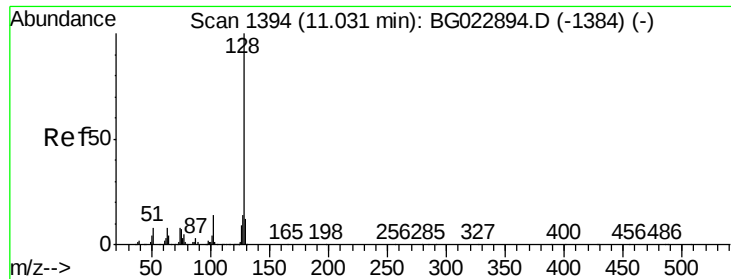
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.3	84.3
98	42.6	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 34.25 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	73.8	110.8
145	31.2	24.4	36.6

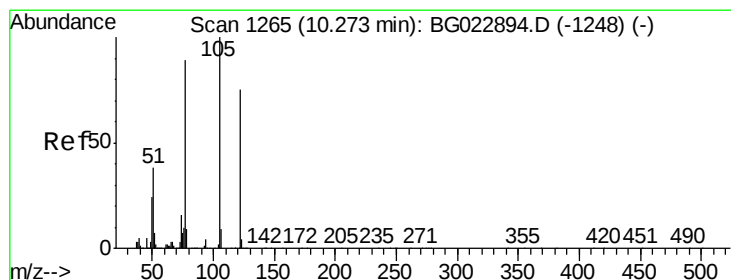
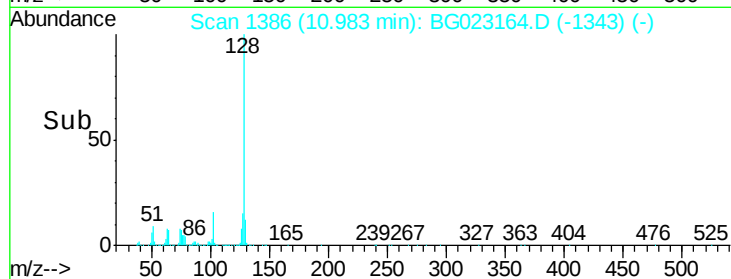
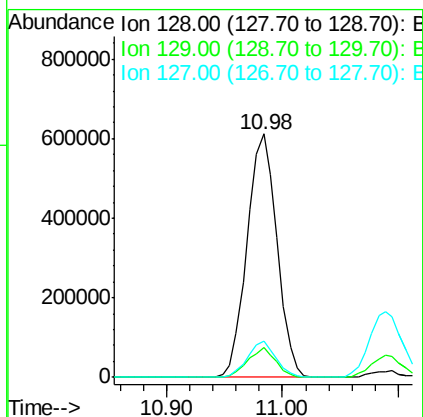
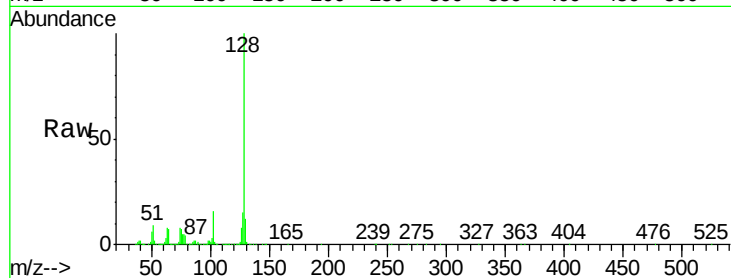




#31
Naphthalene
Concen: 36.96 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

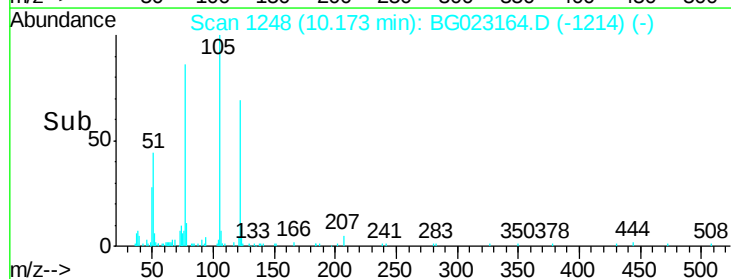
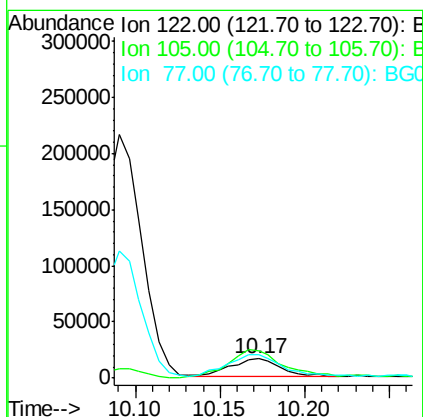
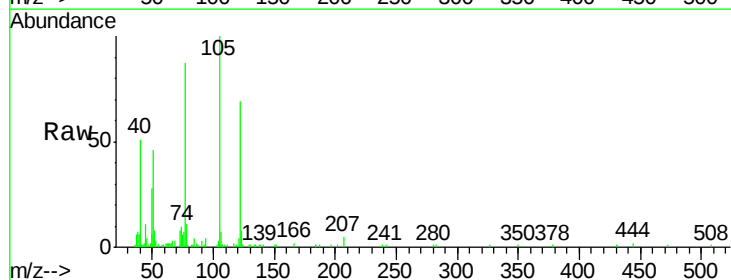
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

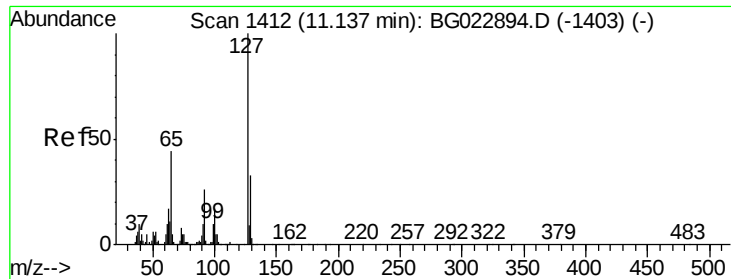
Tgt Ion:128 Resp: 1103385
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 14.8 11.3 16.9



#32
Benzoic acid
Concen: 3.74 ng
RT: 10.17 min Scan# 1248
Delta R.T. -0.10 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:122 Resp: 33619
Ion Ratio Lower Upper
122 100
105 145.4 117.2 157.2
77 126.7 109.2 149.2

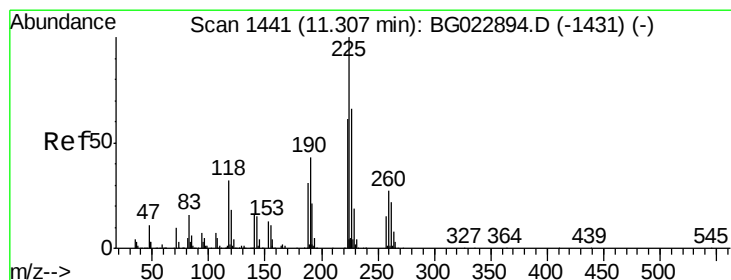
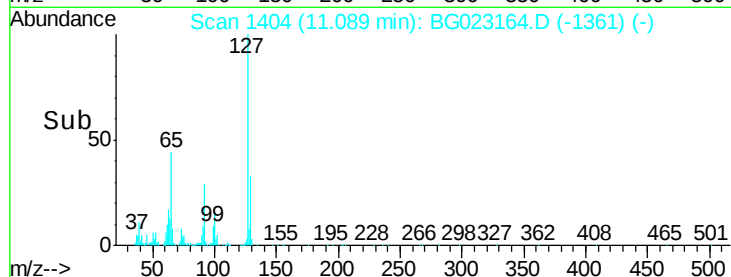
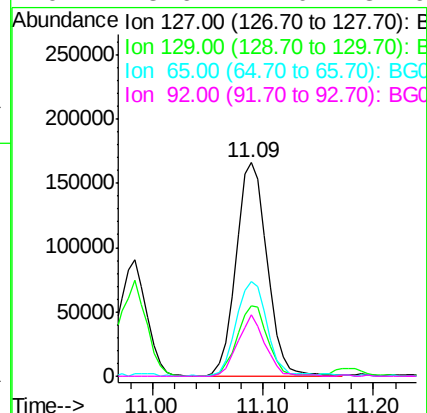
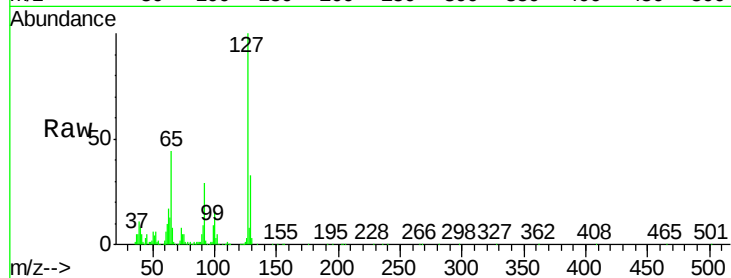




#33
4-Chloroaniline
Concen: 22.54 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

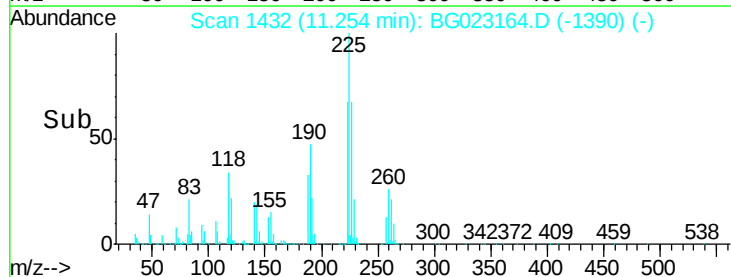
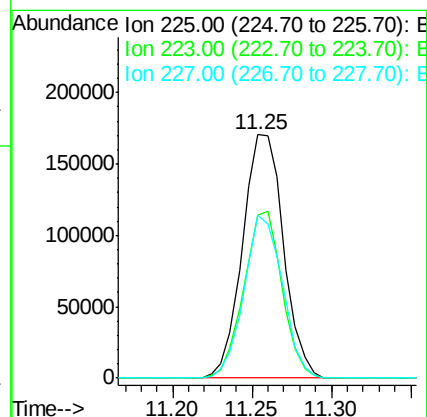
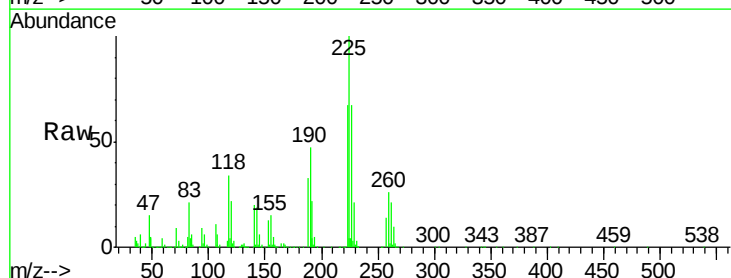
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

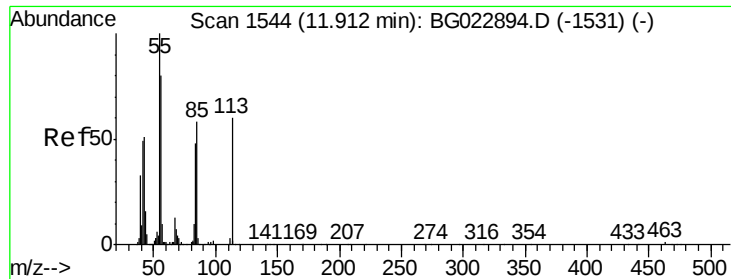
Tgt Ion:	127	Resp:	329109
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.9	41.9
65	44.1	36.8	55.2
92	28.6	21.0	31.6



#34
Hexachlorobutadiene
Concen: 31.27 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:	225	Resp:	305890
Ion	Ratio	Lower	Upper
225	100		
223	66.8	49.6	74.4
227	66.8	54.5	81.7

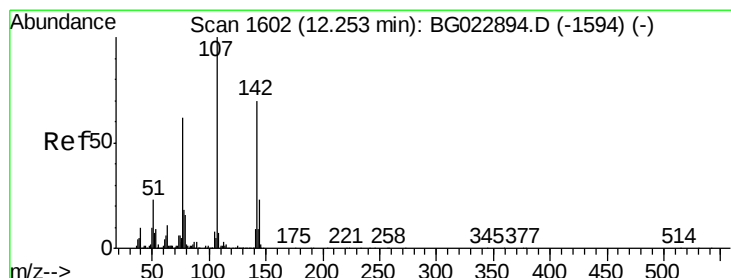
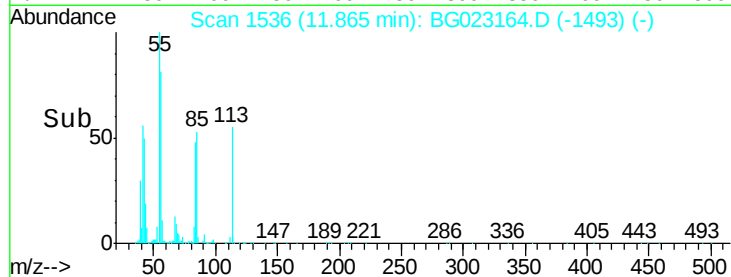
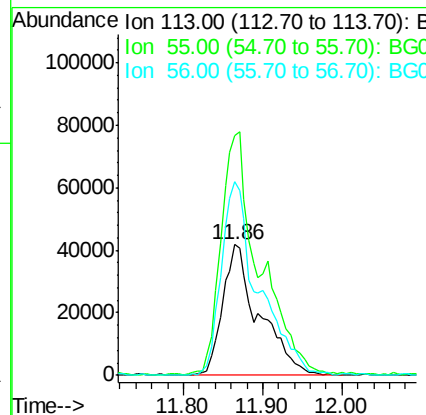
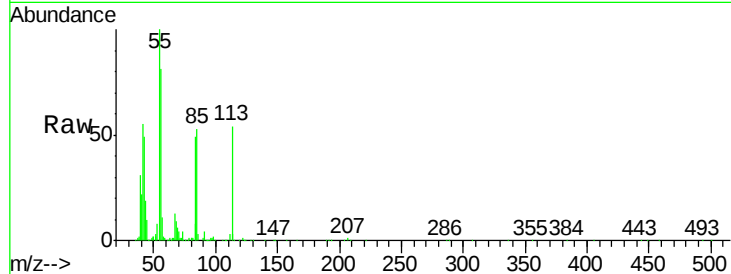




#35
 Caprolactam
 Concen: 30.73 ng
 RT: 11.86 min Scan# 1536
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

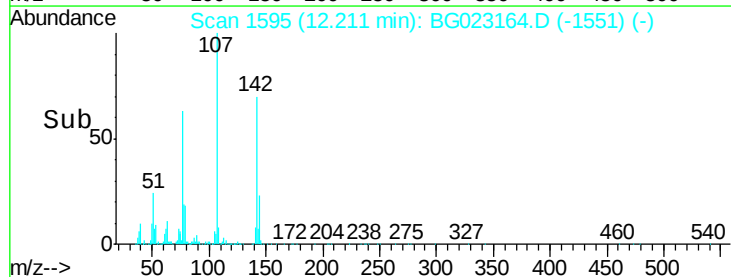
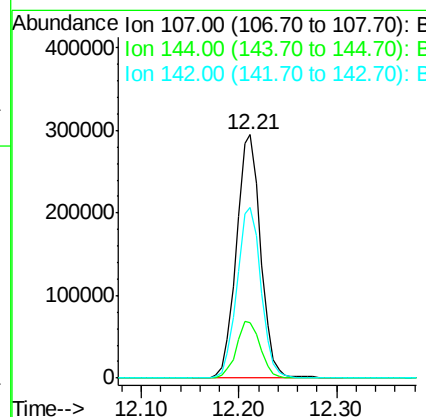
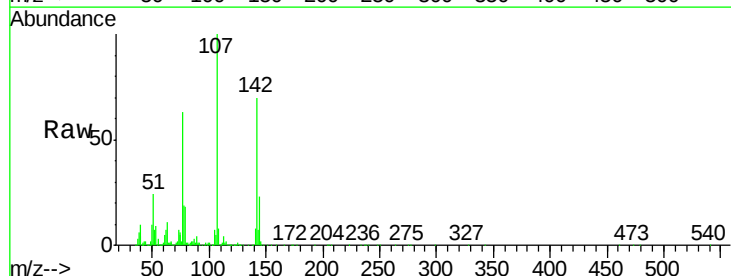
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

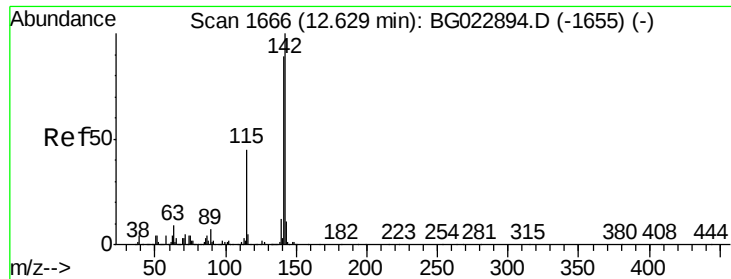
Tgt Ion: 113 Resp: 133113
 Ion Ratio Lower Upper
 113 100
 55 183.6 154.5 194.5
 56 148.3 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 35.20 ng
 RT: 12.21 min Scan# 1595
 Delta R.T. -0.04 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion: 107 Resp: 506893
 Ion Ratio Lower Upper
 107 100
 144 23.0 17.0 25.6
 142 70.2 53.0 79.6

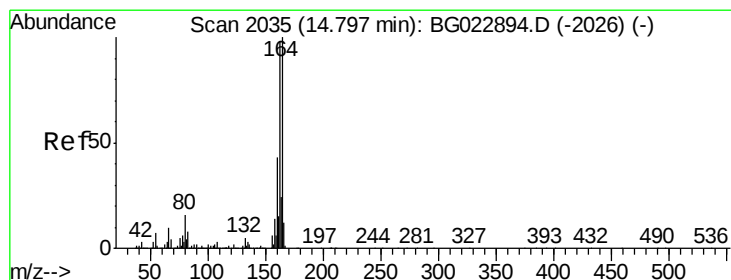
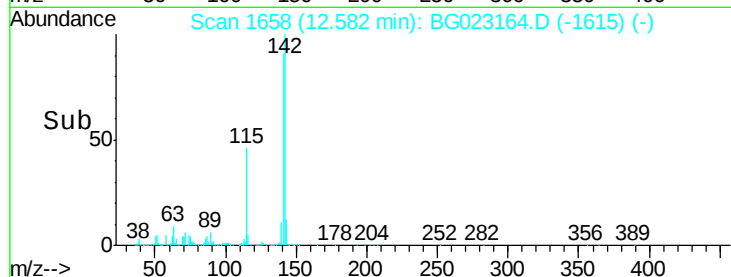
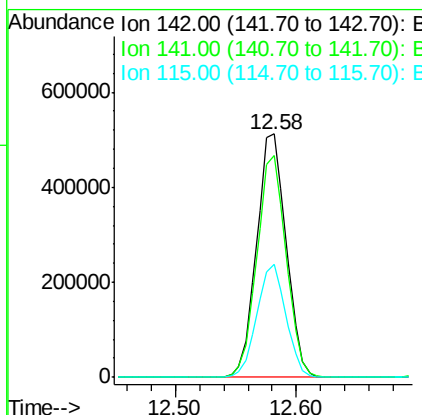
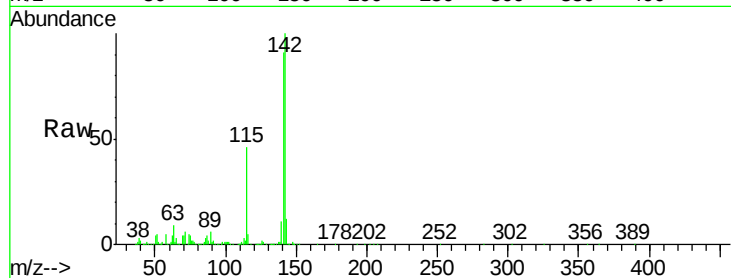




#37
 2-Methylnaphthalene
 Concen: 36.84 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

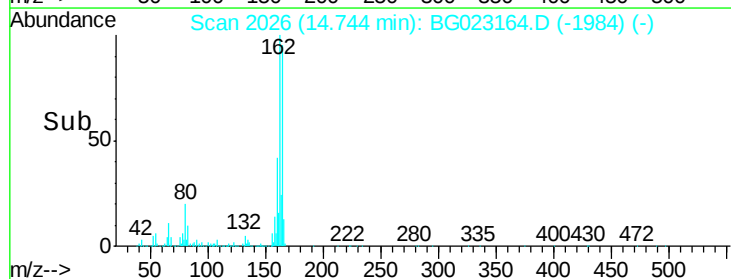
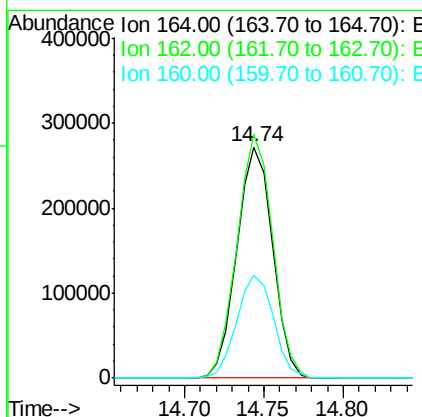
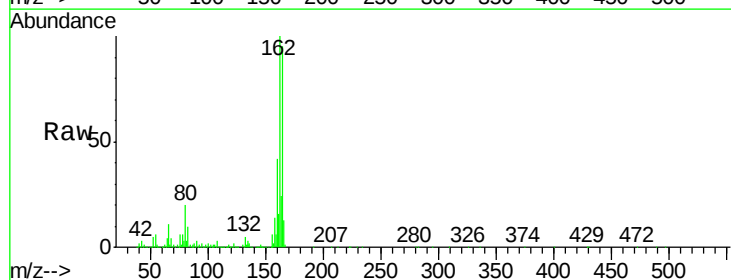
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

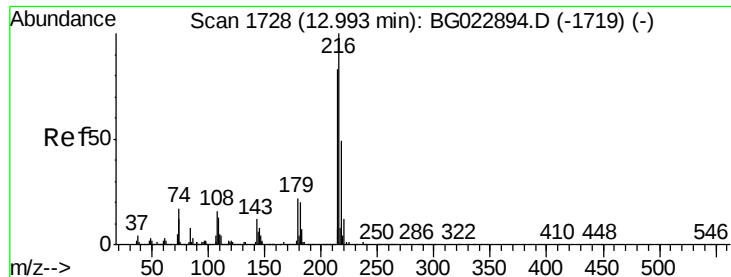
Tgt Ion:142 Resp: 869377
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.2 105.2
 115 46.3 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:164 Resp: 425246
 Ion Ratio Lower Upper
 164 100
 162 105.5 87.7 131.5
 160 44.4 37.2 55.8

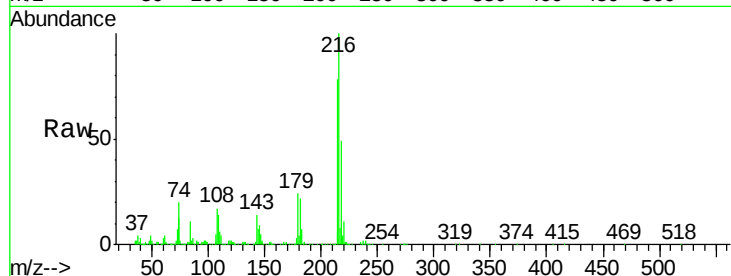




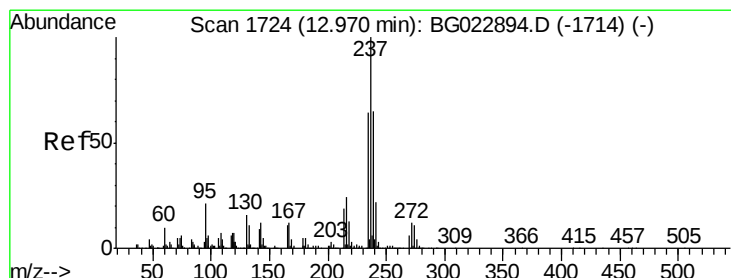
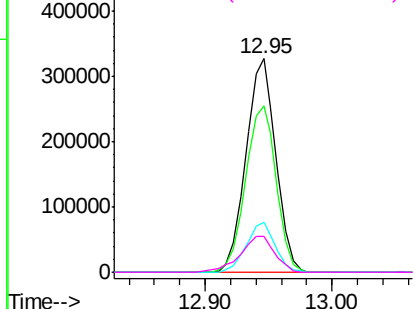
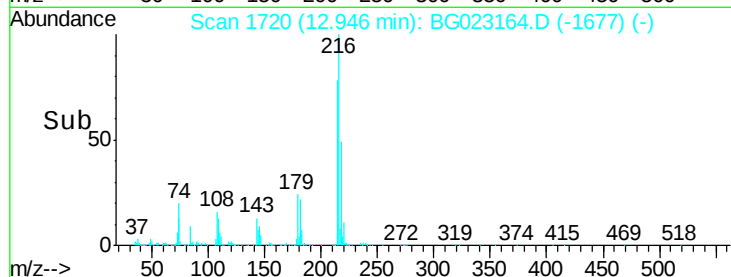
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.07 ng
 RT: 12.95 min Scan# 1720
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

Tgt Ion:	216	Resp:	532769
Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.9	94.3
179	22.9	17.2	25.8
108	19.7	16.3	24.5

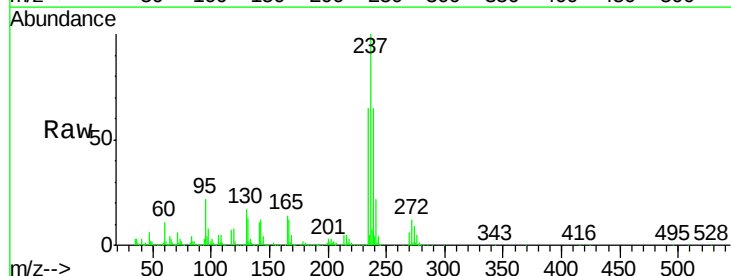


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

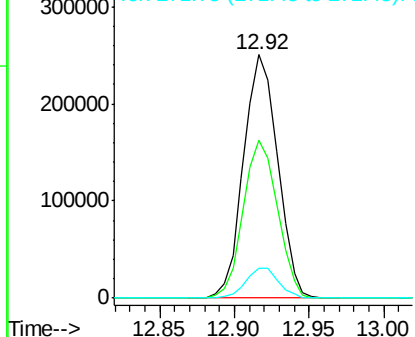
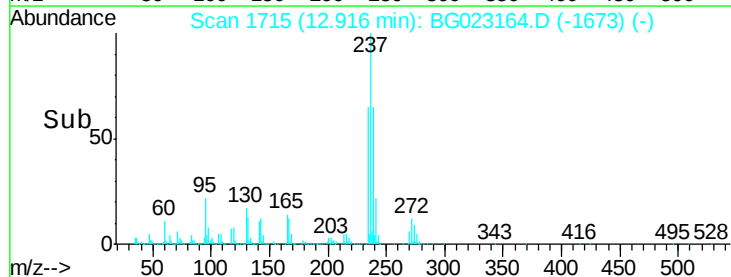


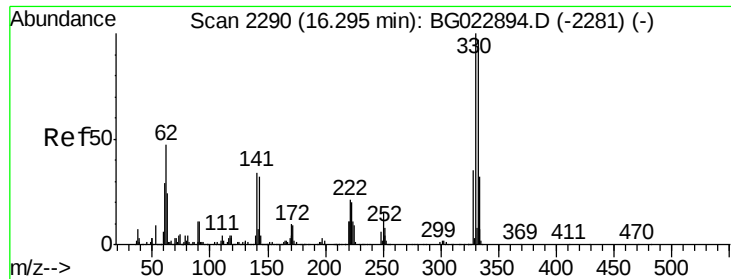
#40
 Hexachlorocyclopentadiene
 Concen: 37.49 ng
 RT: 12.92 min Scan# 1715
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:	237	Resp:	395504
Ion	Ratio	Lower	Upper
237	100		
235	65.0	43.1	83.1
272	12.4	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

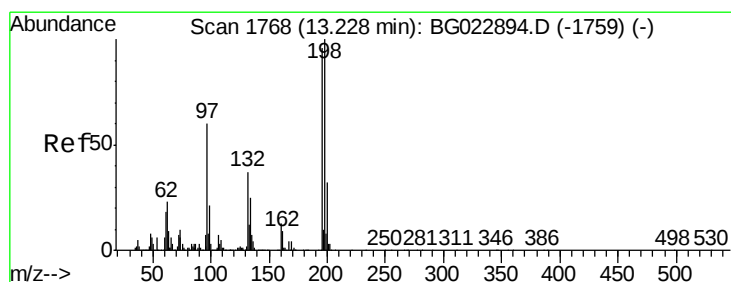
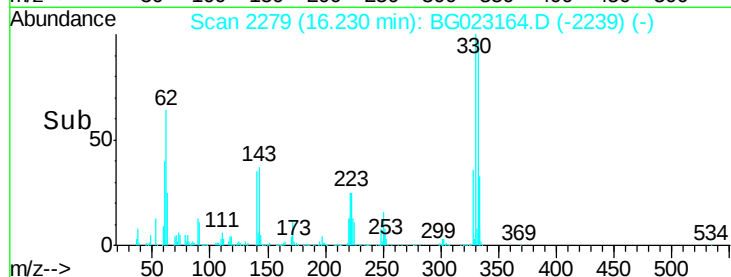
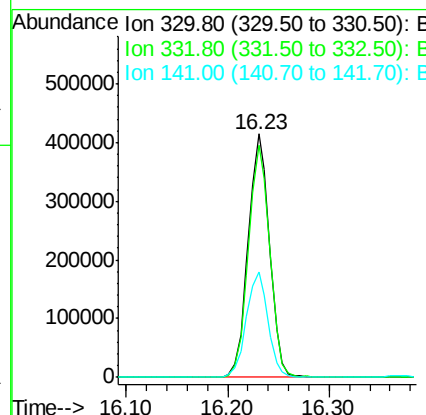
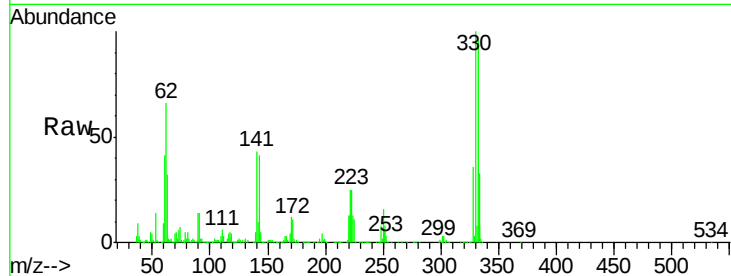




#41
 2,4,6-Tribromophenol
 Concen: 79.13 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.06 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

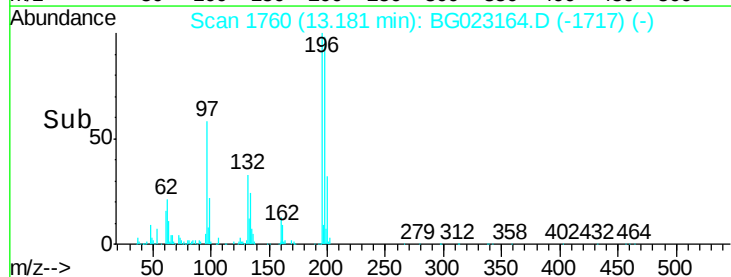
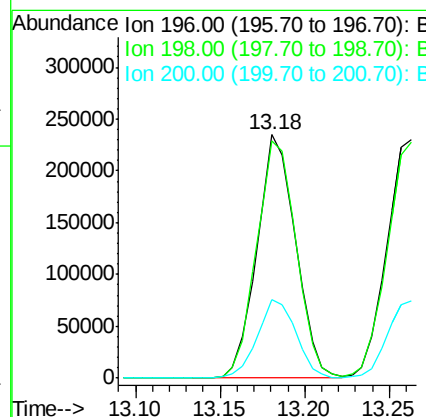
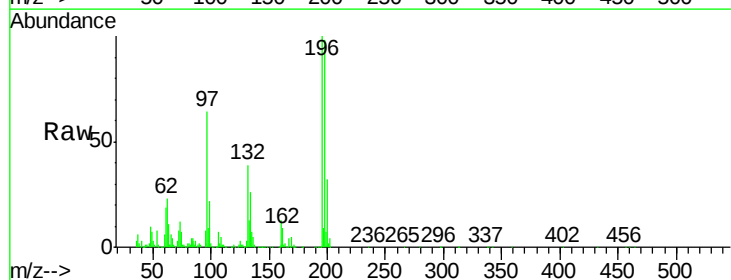
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

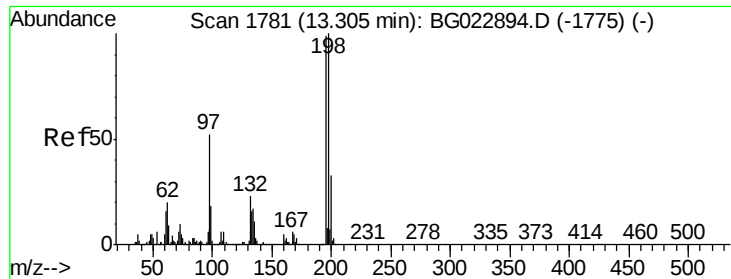
Tgt Ion:330 Resp: 604736
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 44.0 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 35.39 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:196 Resp: 372806
 Ion Ratio Lower Upper
 196 100
 198 97.6 78.2 117.2
 200 32.1 27.0 40.4

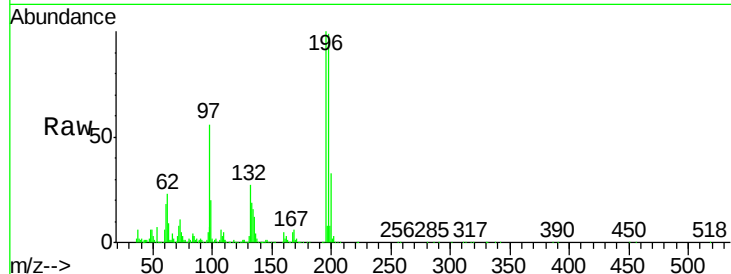




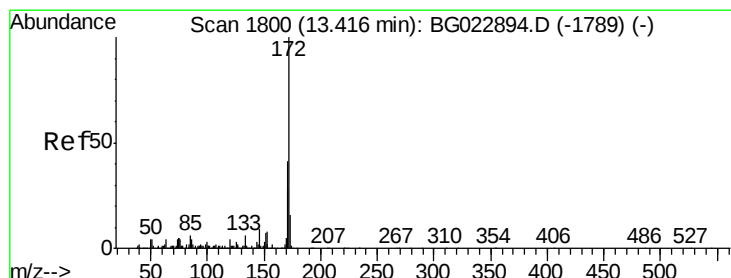
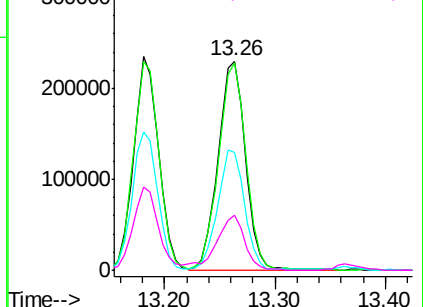
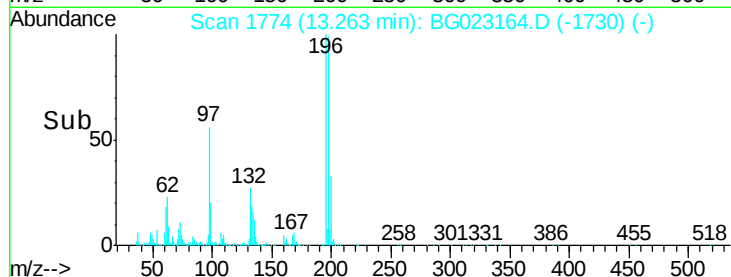
#43
 2,4,5-Trichlorophenol
 Concen: 36.51 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.04 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

Tgt Ion:	196	Resp:	394892
Ion	Ratio	Lower	Upper
196	100		
198	99.0	85.7	128.5
97	56.1	45.5	68.3
132	26.6	18.9	28.3

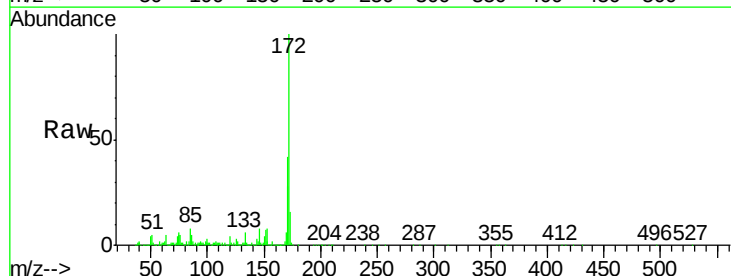


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

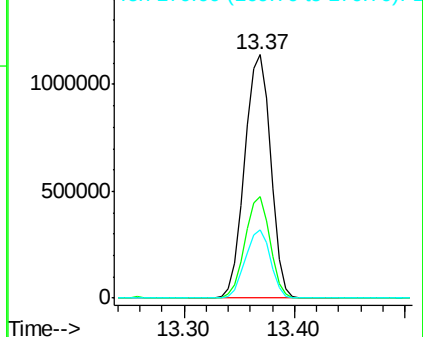
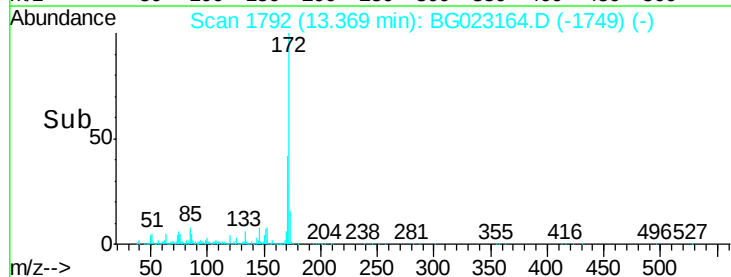


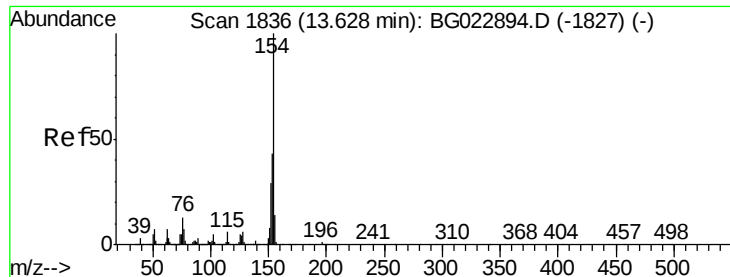
#44
 2-Fluorobiphenyl
 Concen: 70.17 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:	172	Resp:	1894479
Ion	Ratio	Lower	Upper
172	100		
171	41.5	31.6	47.4
170	28.1	21.3	31.9



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



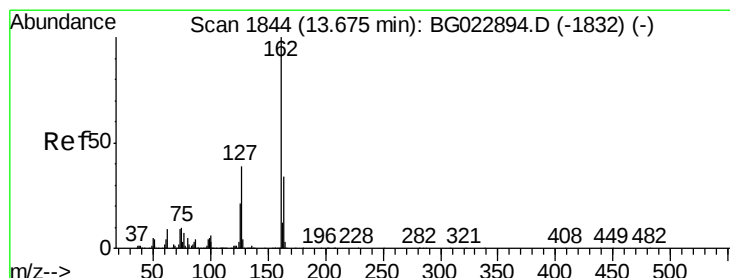
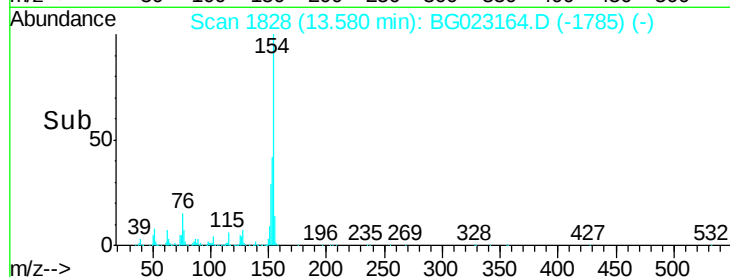
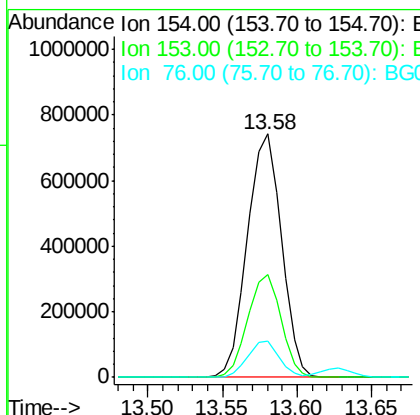
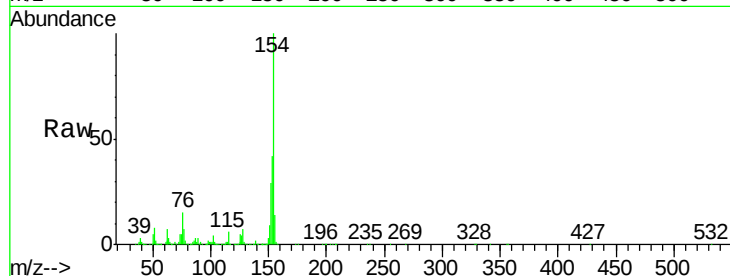


#45
 1,1'-Biphenyl
 Concen: 36.73 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

Tgt Ion:154 Resp: 1171902

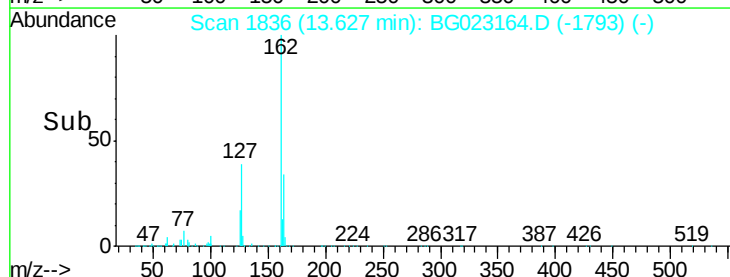
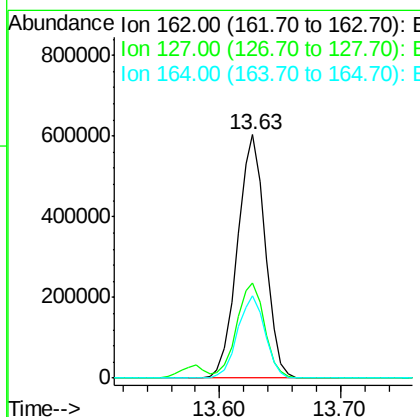
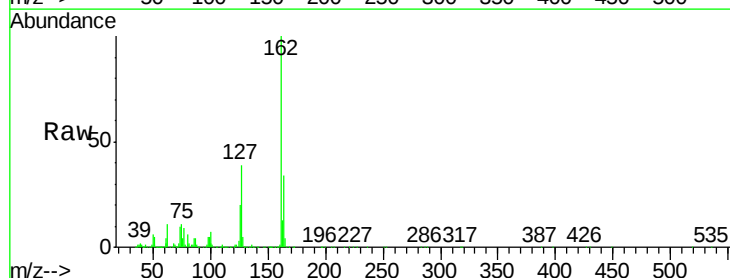
Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.2	60.2
76	14.9	0.0	32.9

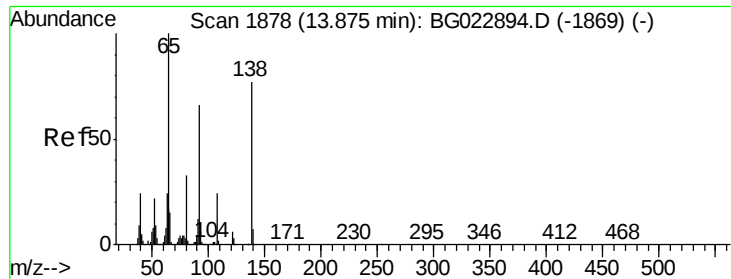


#46
 2-Chloronaphthalene
 Concen: 37.28 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:162 Resp: 964985

Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.4	48.6
164	34.1	25.2	37.8





#47

2-Nitroaniline

Concen: 36.82 ng

RT: 13.83 min Scan# 1870

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

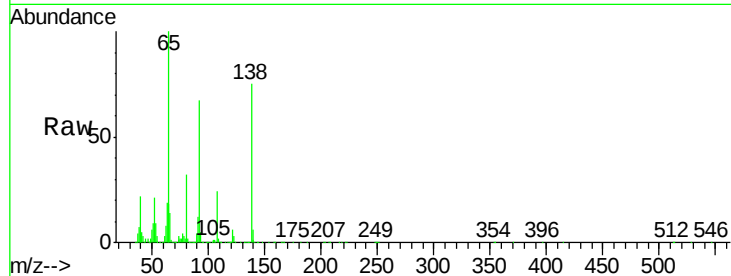
Tgt Ion: 65 Resp: 406677

Ion Ratio Lower Upper

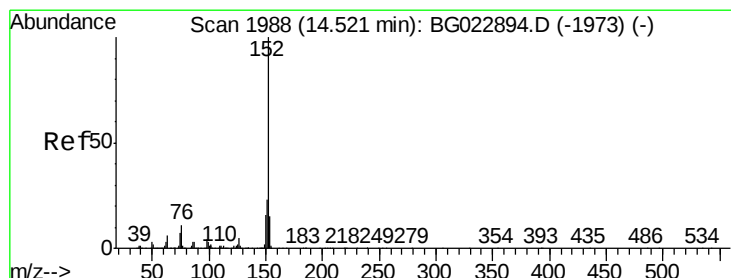
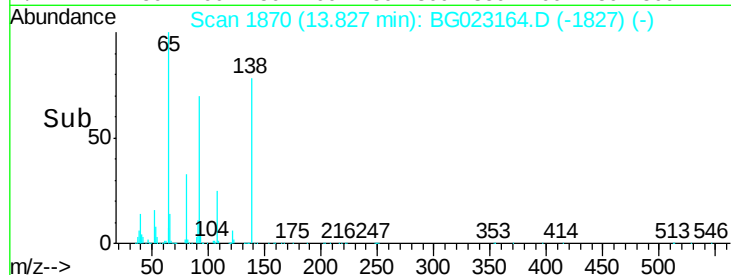
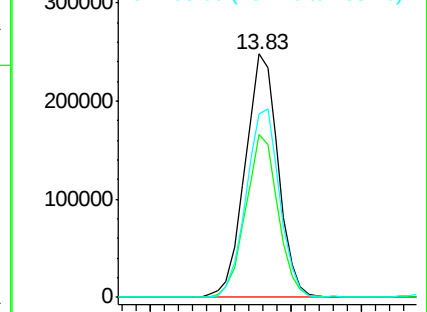
65 100

92 67.0 49.4 74.0

138 75.2 58.0 87.0



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



#48

Acenaphthylene

Concen: 36.87 ng

RT: 14.47 min Scan# 1979

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

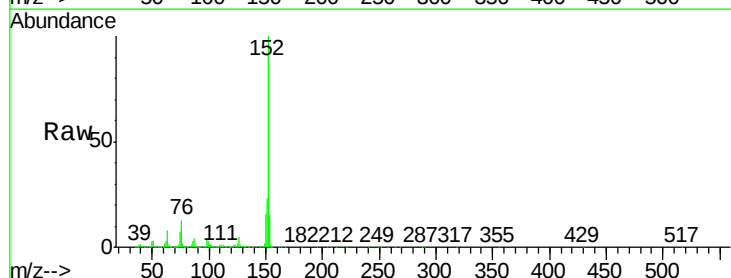
Tgt Ion: 152 Resp: 1431406

Ion Ratio Lower Upper

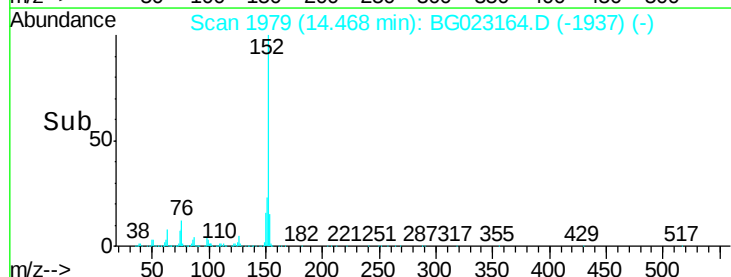
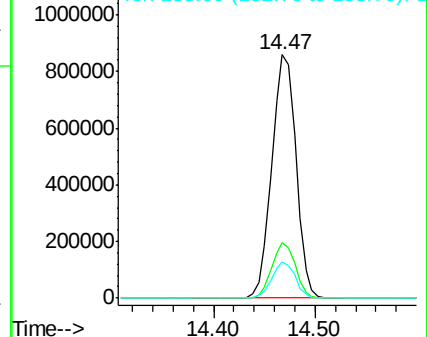
152 100

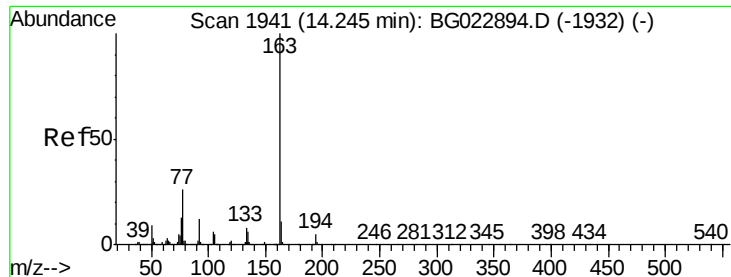
151 22.7 17.6 26.4

153 14.7 11.4 17.2



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

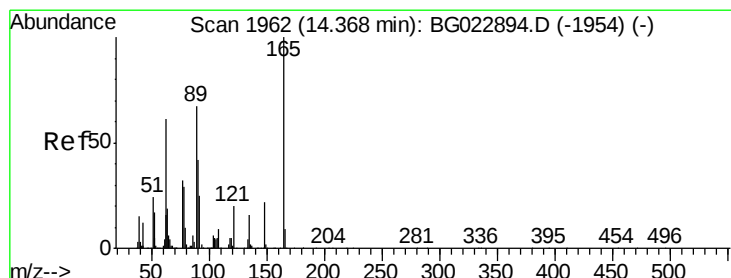
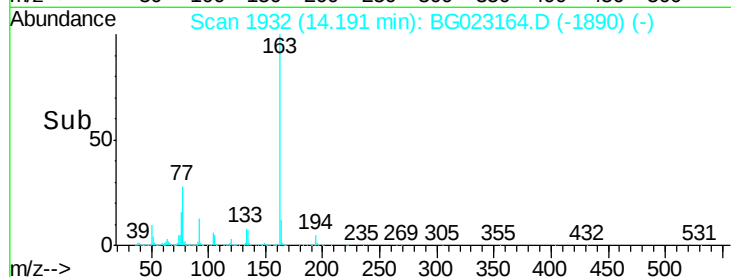
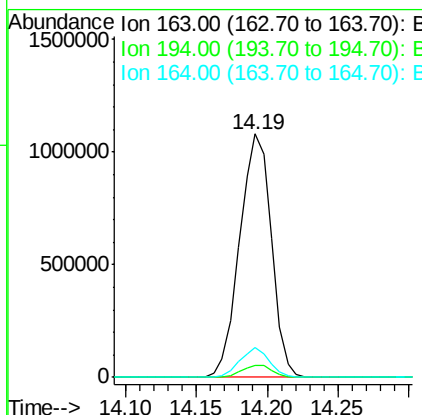
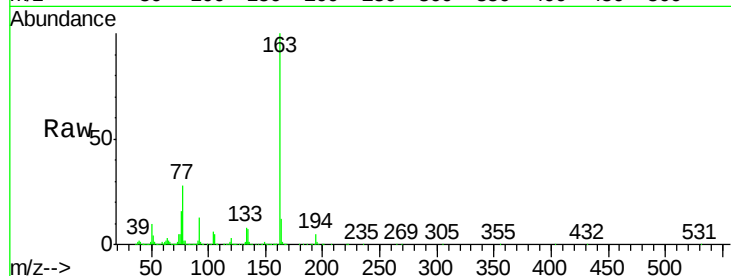




#49
Dimethylphthalate
Concen: 48.85 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

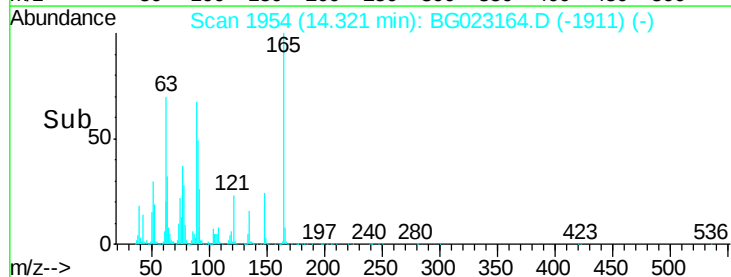
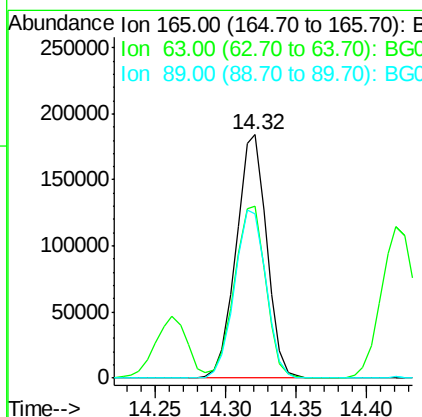
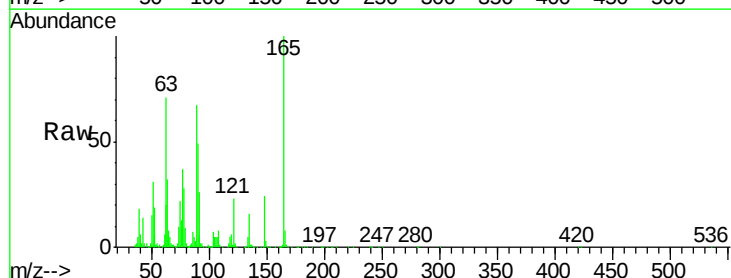
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

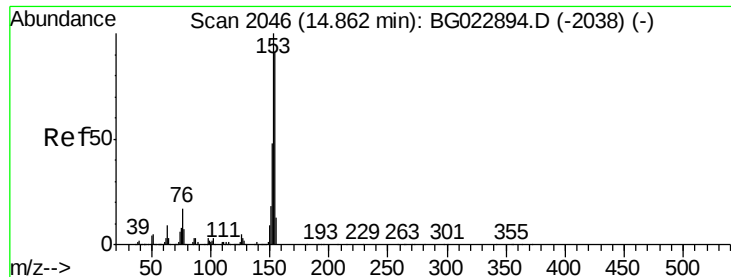
Tgt Ion:163 Resp: 1696899
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 12.4 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 35.57 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:165 Resp: 277654
Ion Ratio Lower Upper
165 100
63 70.5 64.3 96.5
89 67.5 64.3 96.5





#51

Acenaphthene

Concen: 36.60 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

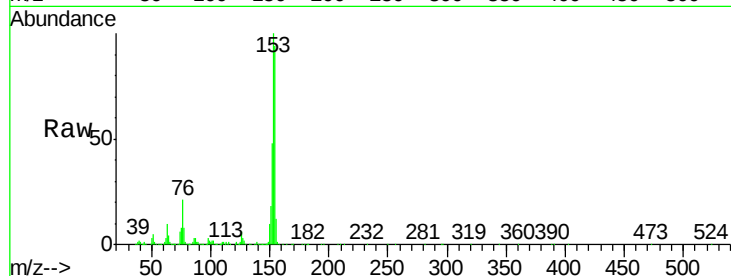
Tgt Ion:154 Resp: 928468

Ion Ratio Lower Upper

154 100

153 106.5 87.5 131.3

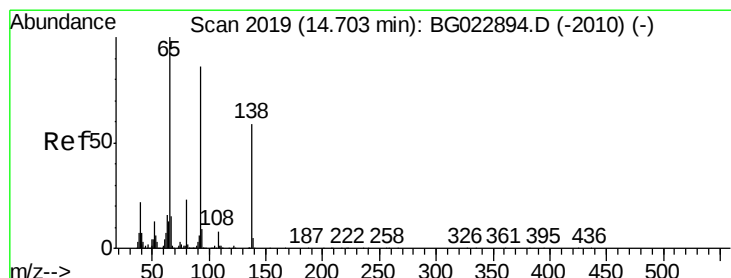
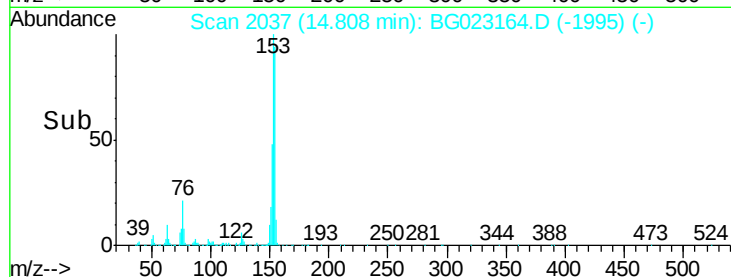
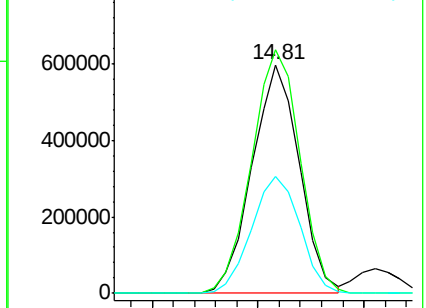
152 51.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.64 ng

RT: 14.66 min Scan# 2011

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

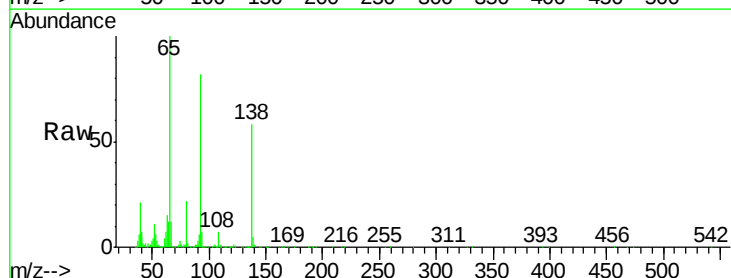
Tgt Ion:138 Resp: 238525

Ion Ratio Lower Upper

138 100

108 12.6 11.7 17.5

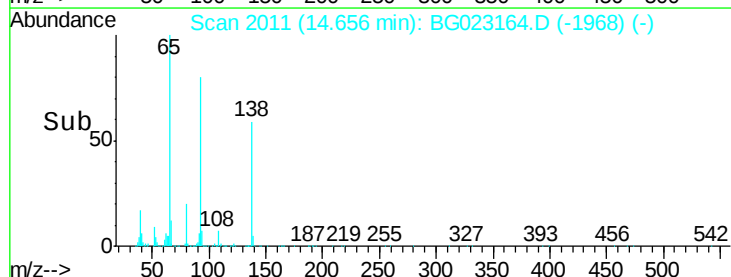
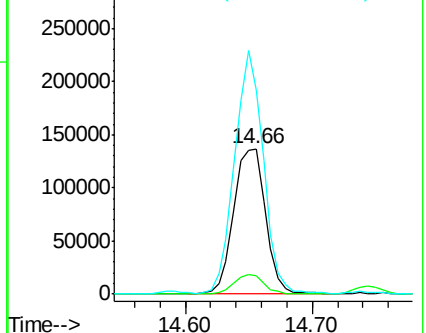
92 140.1 129.7 194.5

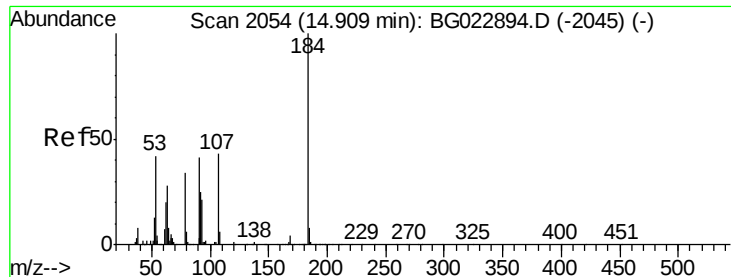


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 23.41 ng

RT: 14.86 min Scan# 2045

Delta R.T. -0.05 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

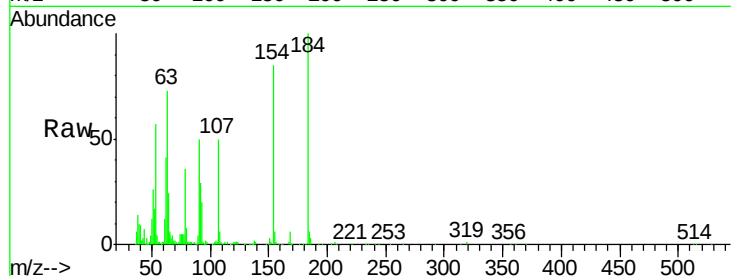
Tgt Ion:184 Resp: 125415

Ion Ratio Lower Upper

184 100

63 72.8 59.6 89.4

154 84.9 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

800000

600000

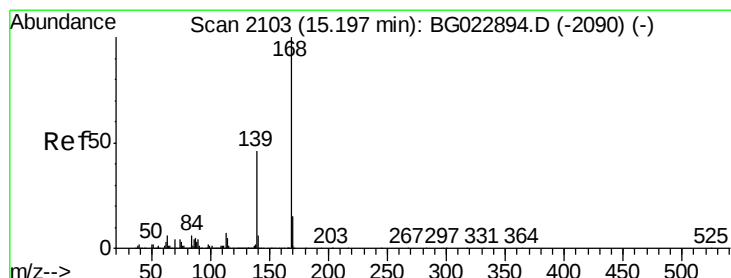
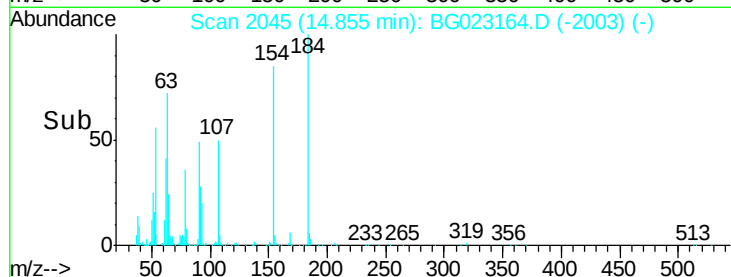
400000

200000

0

14.80 14.86 14.90

Time-->



#54

Dibenzofuran

Concen: 38.36 ng

RT: 15.14 min Scan# 2093

Delta R.T. -0.06 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

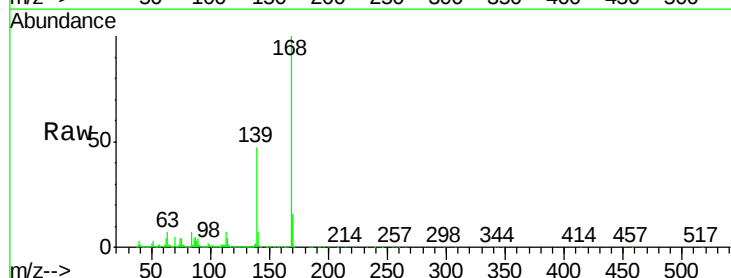
Tgt Ion:168 Resp: 1456640

Ion Ratio Lower Upper

168 100

139 46.9 36.4 54.6

169 16.0 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

1200000

1000000

800000

600000

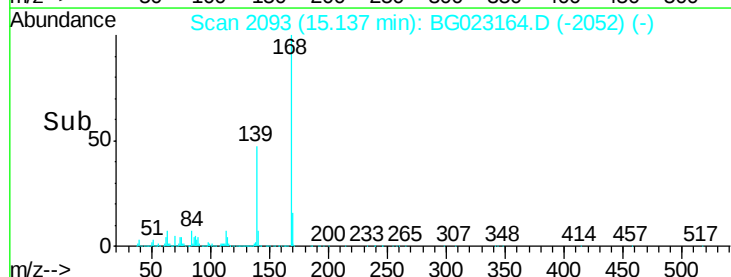
400000

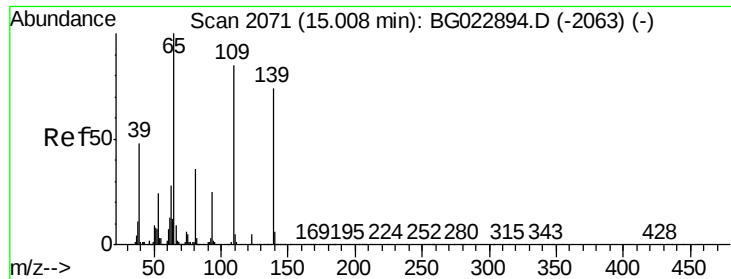
200000

0

15.10 15.14 15.20

Time-->

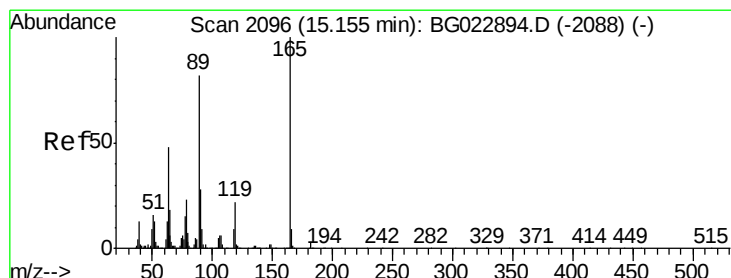
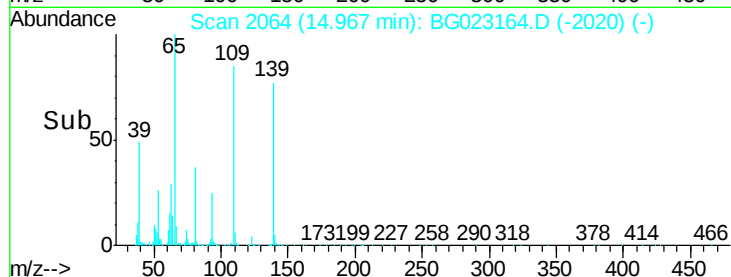
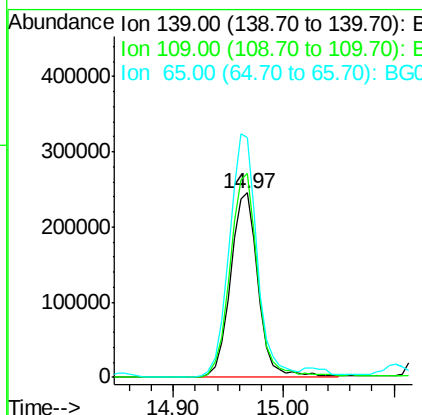
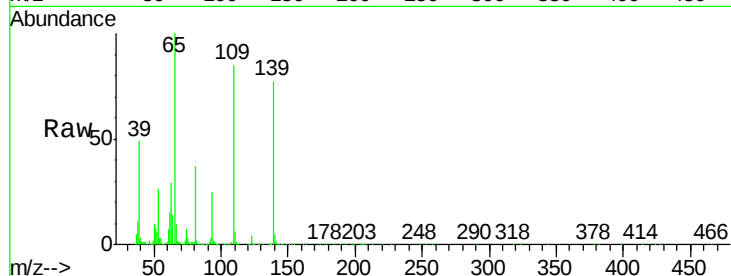




#55
4-Nitrophenol
Concen: 66.26 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.04 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

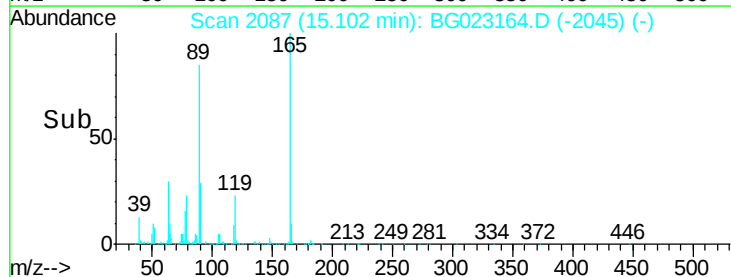
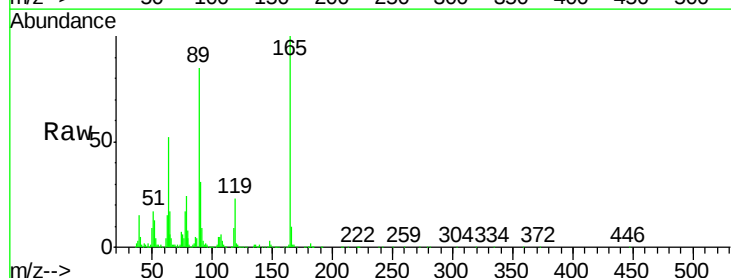
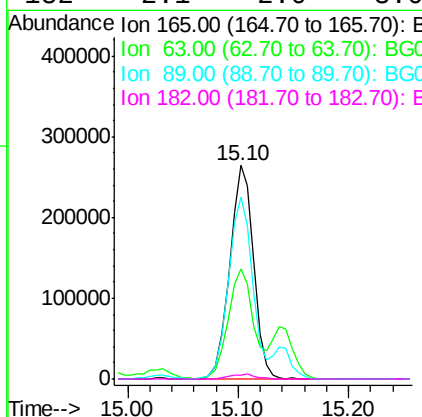
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

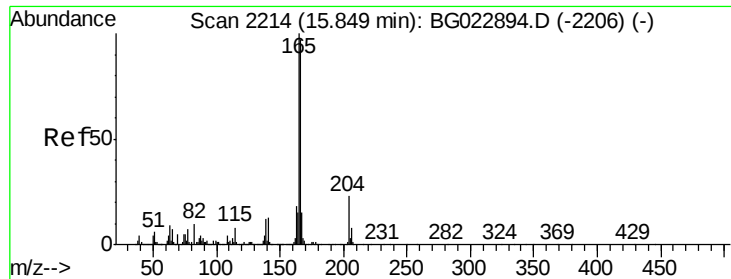
Tgt Ion:139 Resp: 432355
Ion Ratio Lower Upper
139 100
109 110.6 103.0 143.0
65 130.1 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 35.08 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.05 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:165 Resp: 399245
Ion Ratio Lower Upper
165 100
63 51.8 45.8 68.6
89 85.0 68.6 102.8
182 2.1 2.0 3.0

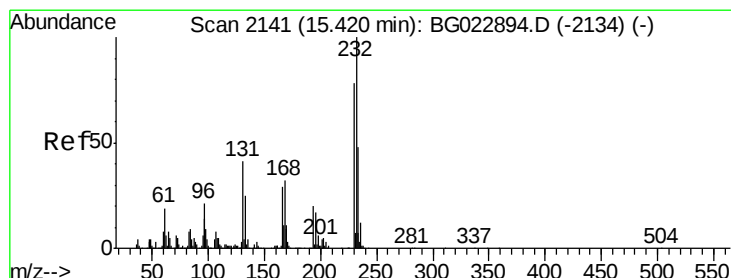
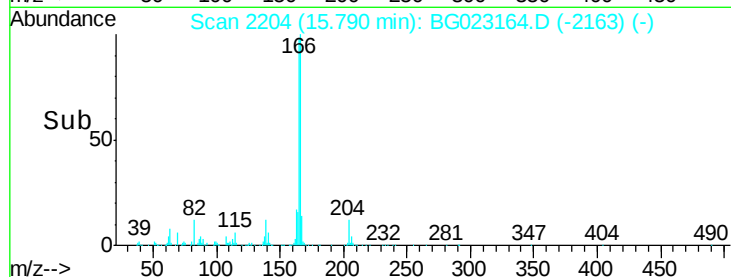
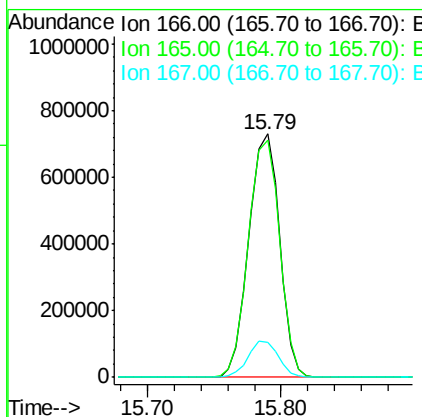
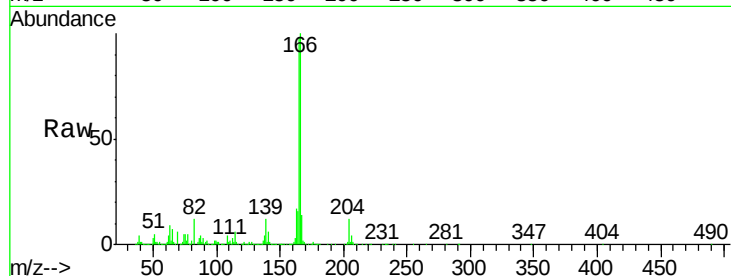




#57
Fluorene
 Concen: 35.50 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.06 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

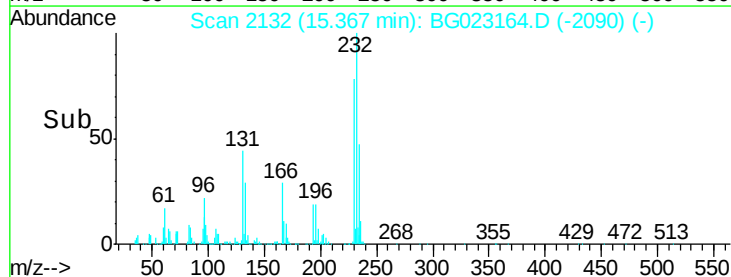
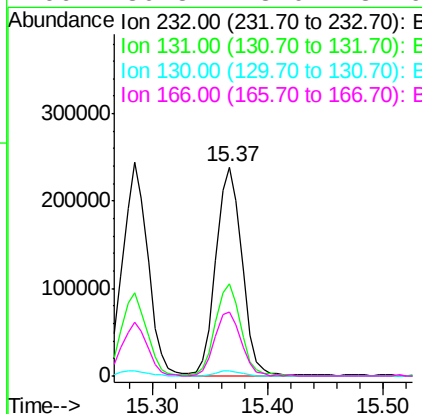
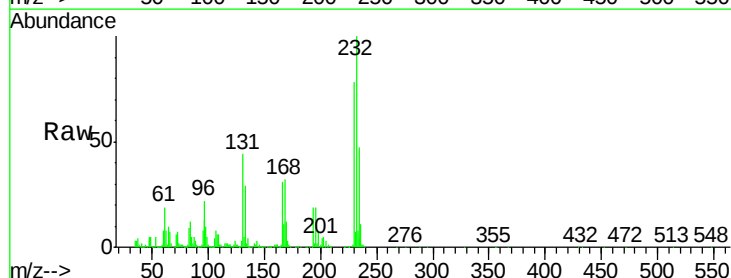
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

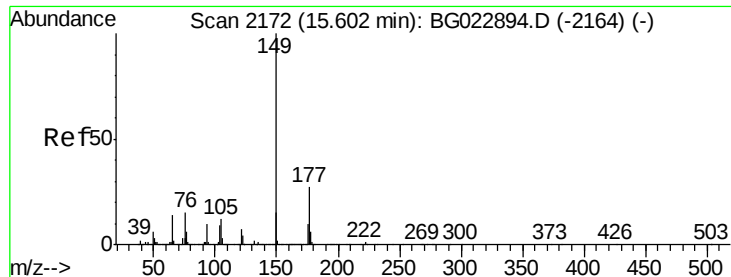
Tgt Ion:166 Resp: 1160413
 Ion Ratio Lower Upper
 166 100
 165 97.7 81.0 121.6
 167 14.3 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.48 ng
 RT: 15.37 min Scan# 2132
 Delta R.T. -0.05 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:232 Resp: 373123
 Ion Ratio Lower Upper
 232 100
 131 43.3 32.7 49.1
 130 2.7 2.6 3.8
 166 30.8 23.0 34.6

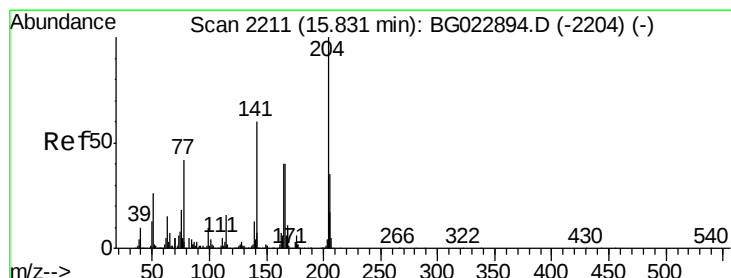
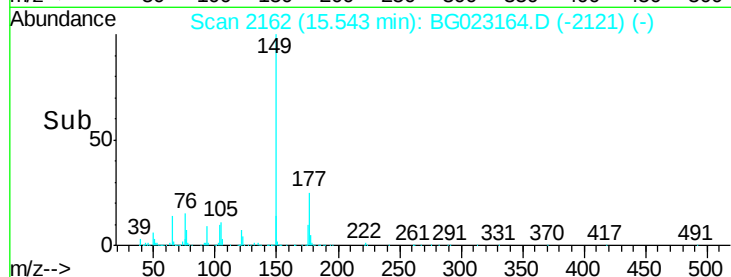
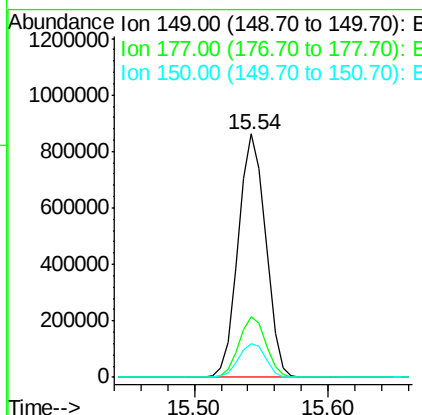
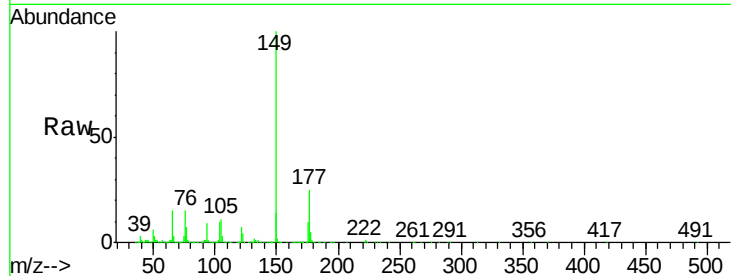




#59
Diethylphthalate
Concen: 34.71 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.06 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

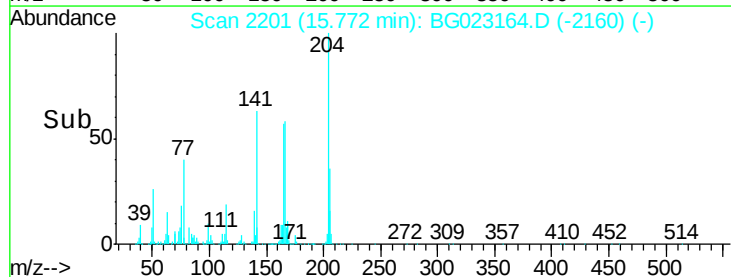
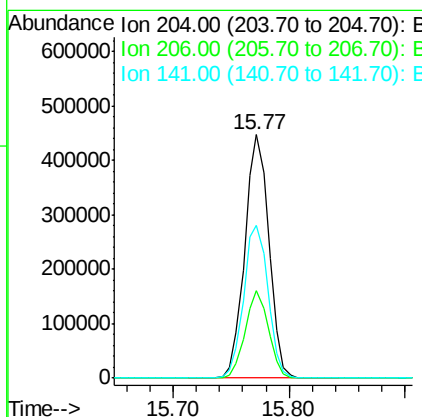
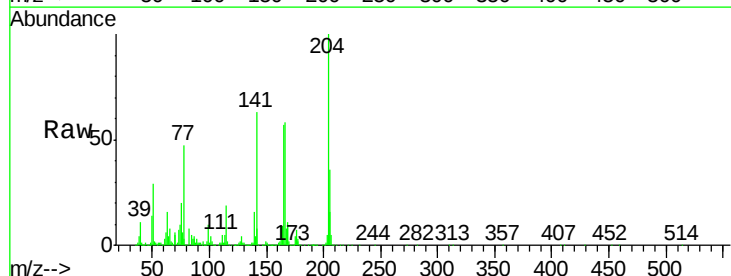
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

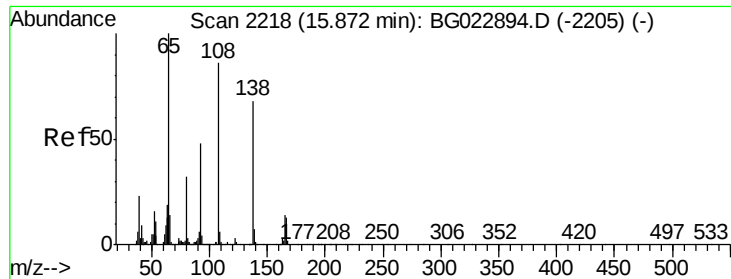
Tgt Ion:149 Resp: 1226712
Ion Ratio Lower Upper
149 100
177 25.0 19.2 28.8
150 13.8 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 32.48 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.06 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:204 Resp: 646679
Ion Ratio Lower Upper
204 100
206 36.0 28.5 42.7
141 62.8 51.4 77.0

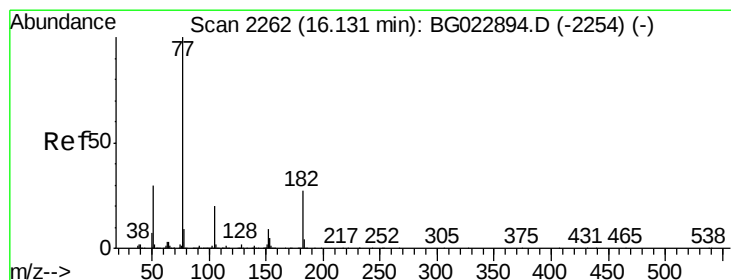
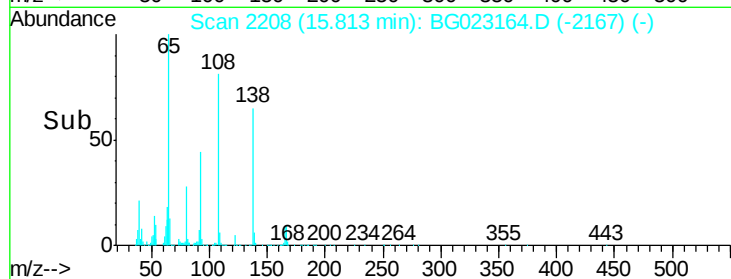
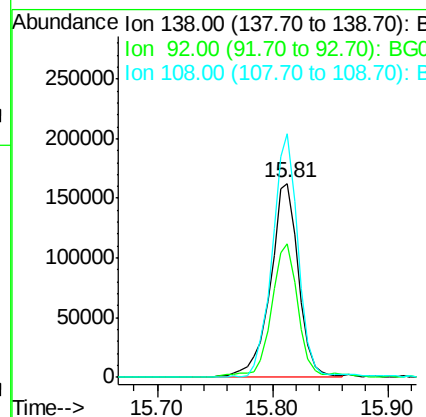
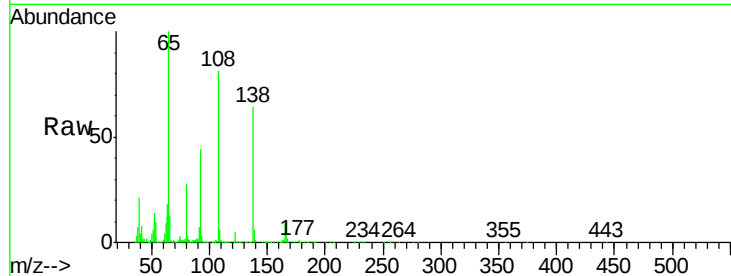




#61
4-Nitroaniline
Concen: 32.54 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.06 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

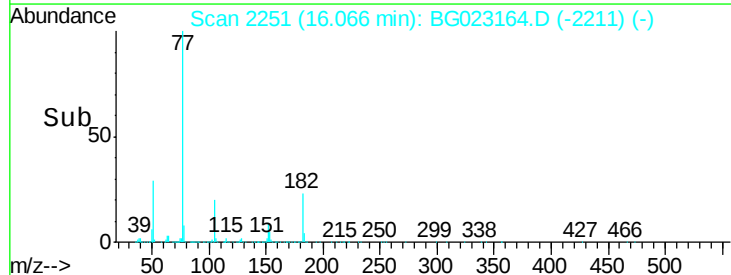
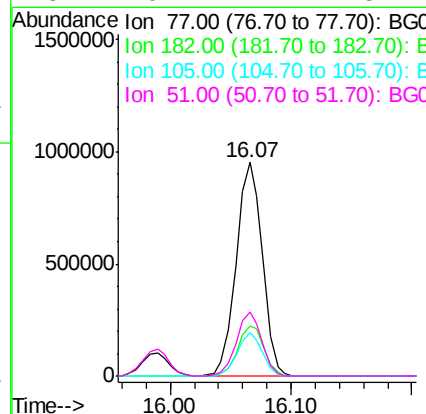
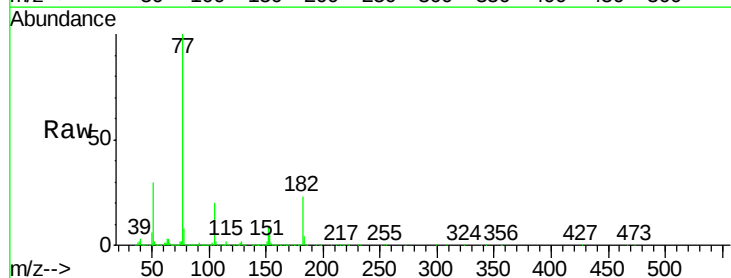
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

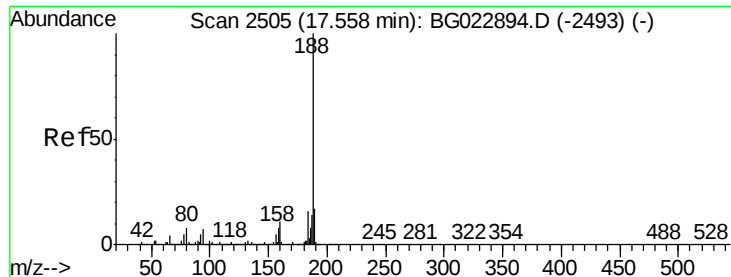
Tgt Ion: 138 Resp: 274107
Ion Ratio Lower Upper
138 100
92 68.8 54.1 94.1
108 125.7 133.9 173.9#



#62
Azobenzene
Concen: 42.22 ng
RT: 16.07 min Scan# 2251
Delta R.T. -0.07 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion: 77 Resp: 1427473
Ion Ratio Lower Upper
77 100
182 23.5 3.5 43.5
105 20.1 0.0 38.5
51 29.7 17.1 57.1

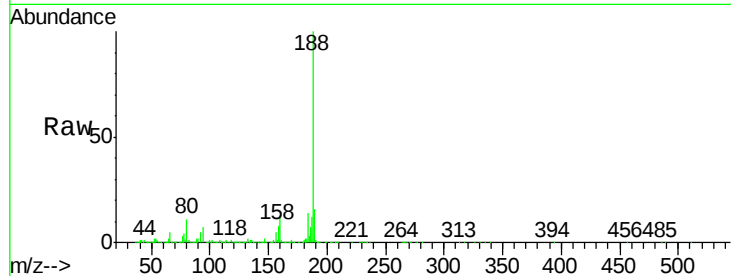




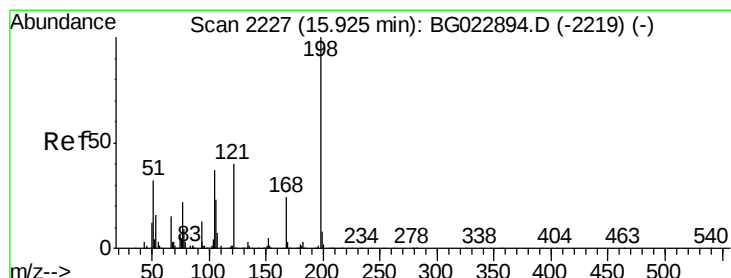
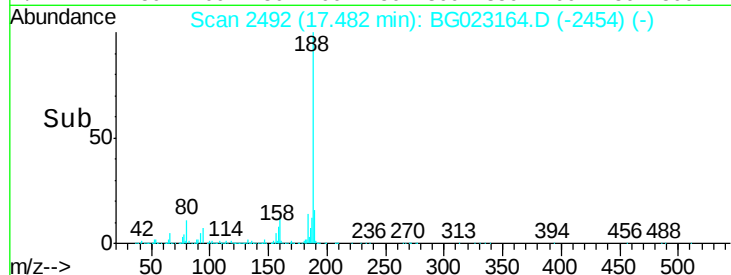
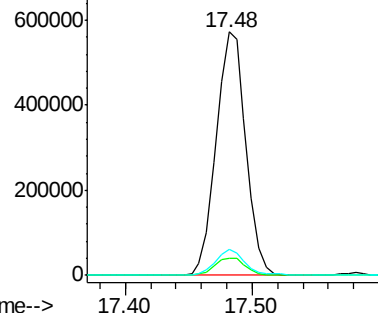
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.08 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

Tgt Ion:188 Resp: 925564
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 10.6 7.2 10.8

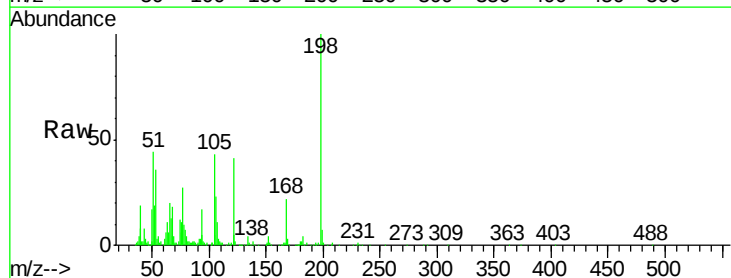


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

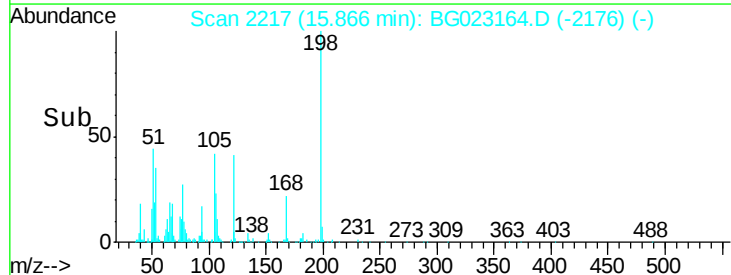
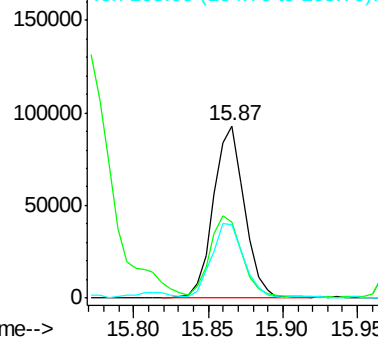


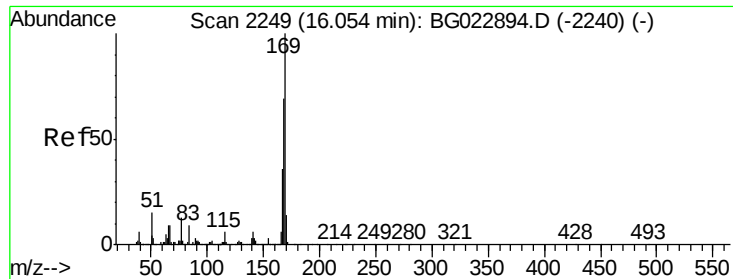
#64
4,6-Dinitro-2-methylphenol
Concen: 19.43 ng
RT: 15.87 min Scan# 2217
Delta R.T. -0.06 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:198 Resp: 133681
Ion Ratio Lower Upper
198 100
51 44.1 26.0 66.0
105 42.7 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

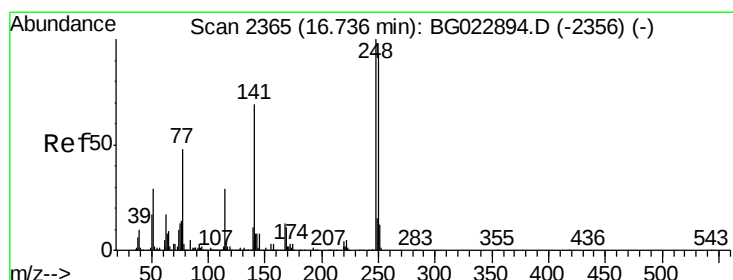
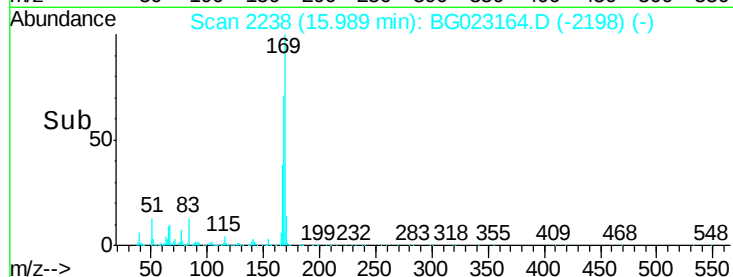
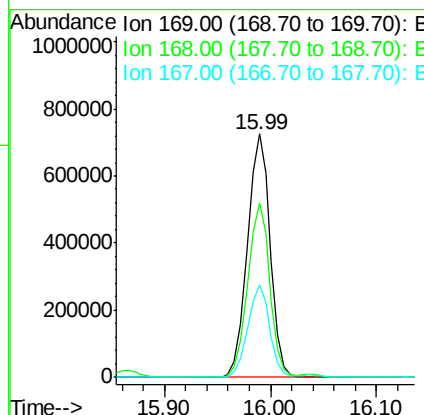
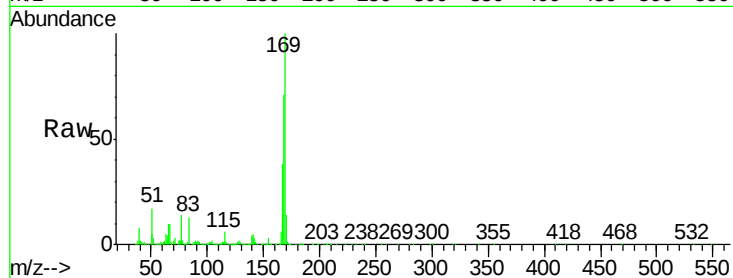




#65
n-Nitrosodiphenylamine
Concen: 40.26 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.06 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

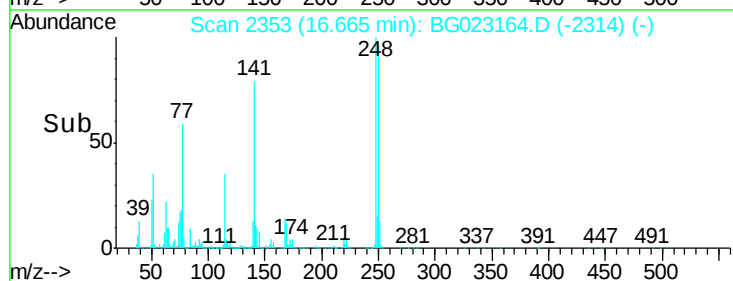
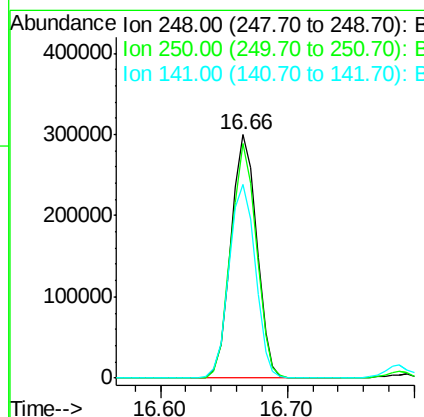
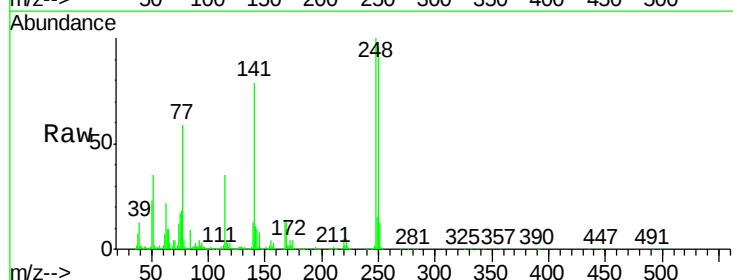
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

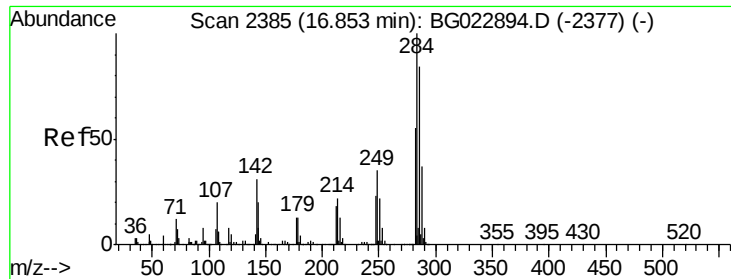
Tgt Ion:169 Resp: 1073500
Ion Ratio Lower Upper
169 100
168 71.5 55.0 82.4
167 37.8 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 34.90 ng
RT: 16.66 min Scan# 2353
Delta R.T. -0.07 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:248 Resp: 420315
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.8
141 79.3 65.7 98.5

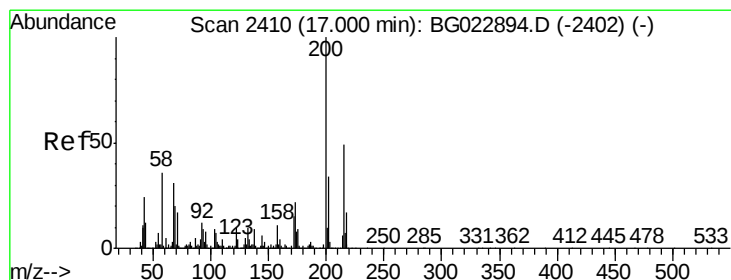
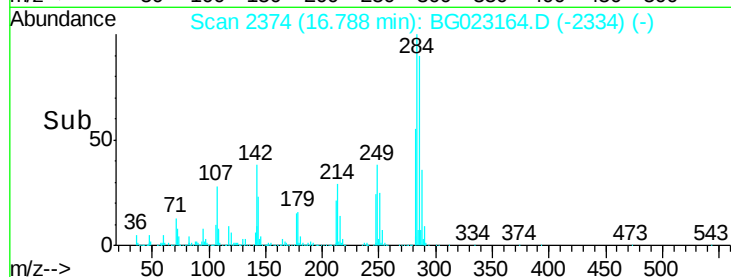
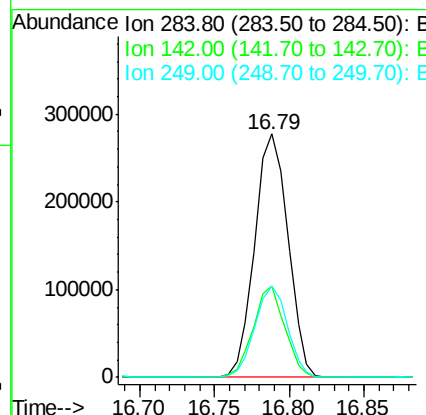
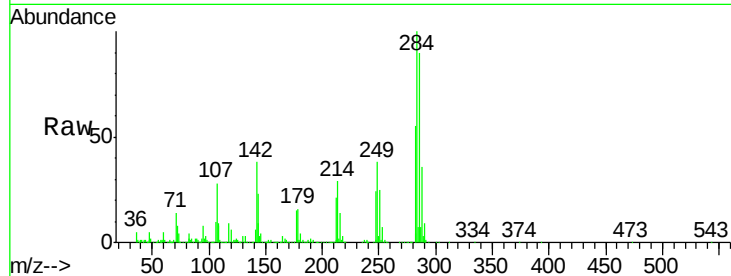




#67
Hexachlorobenzene
Concen: 32.54 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.07 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

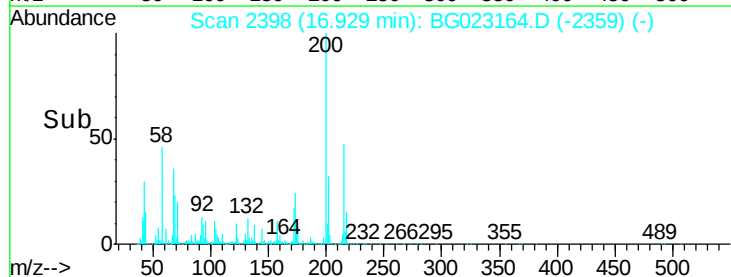
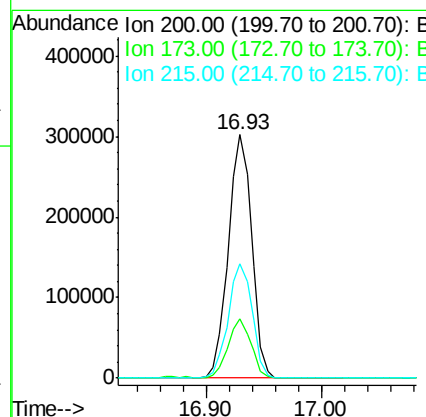
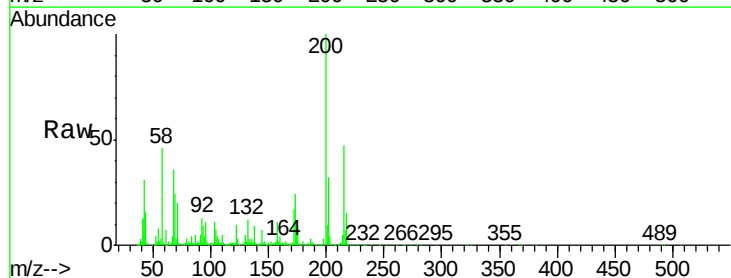
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

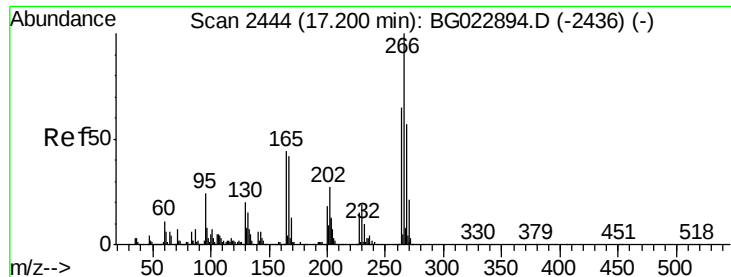
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	26.8	40.2
249	37.5	28.9	43.3



#68
Atrazine
Concen: 35.85 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.07 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	1.6	41.6
215	47.0	28.7	68.7

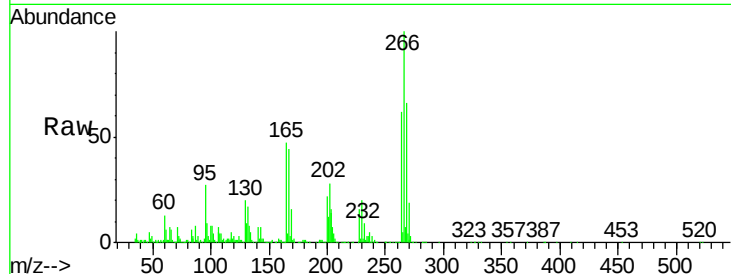




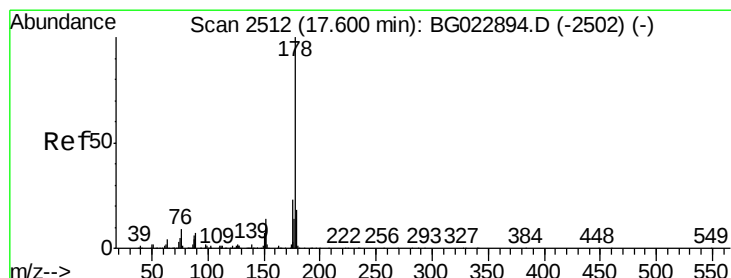
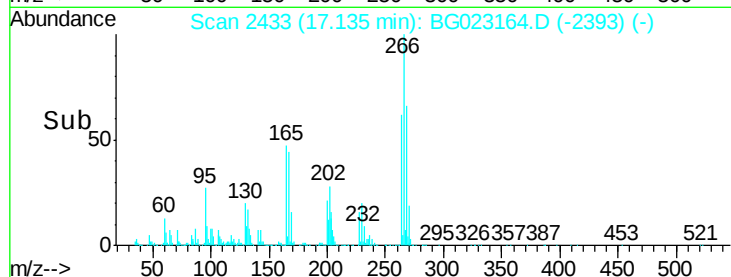
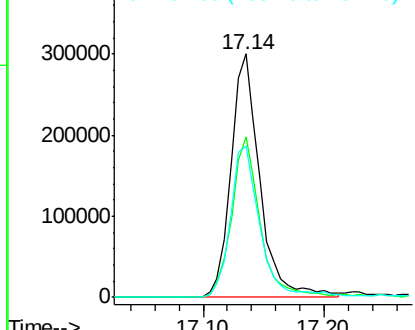
#69
 Pentachlorophenol
 Concen: 59.16 ng
 RT: 17.14 min Scan# 2433
 Delta R.T. -0.07 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.9	77.9
264	62.4	50.6	75.8

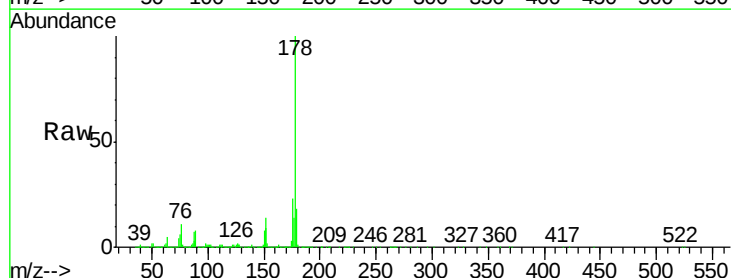


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

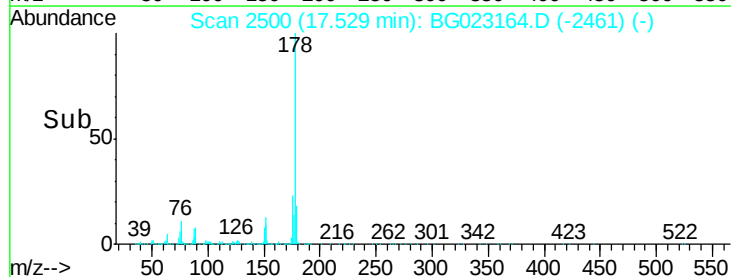
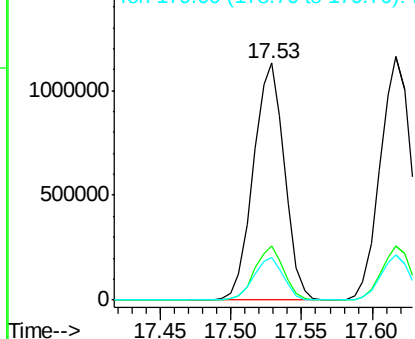


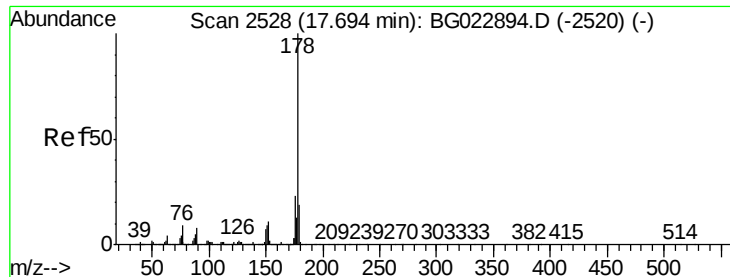
#70
 Phenanthrene
 Concen: 38.64 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.07 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.7	16.8	25.2
179	17.7	14.3	21.5



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

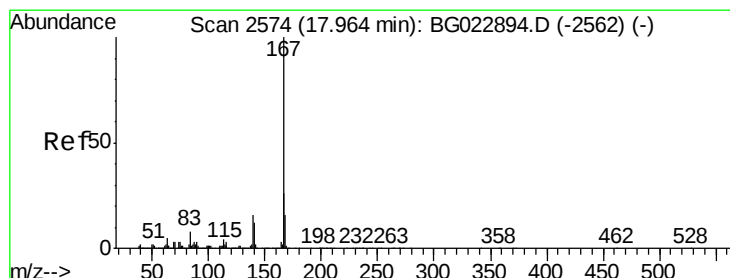
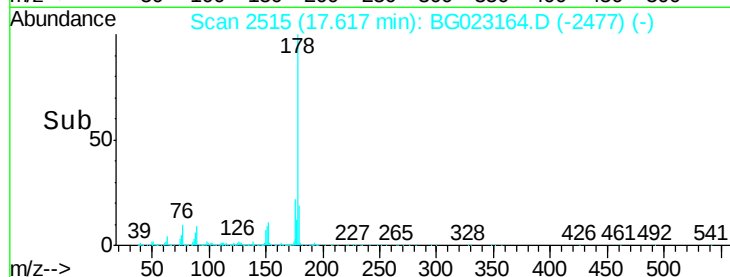
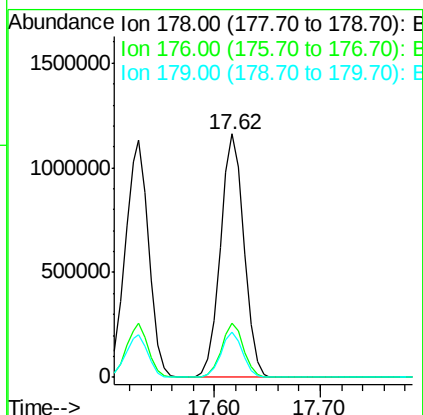
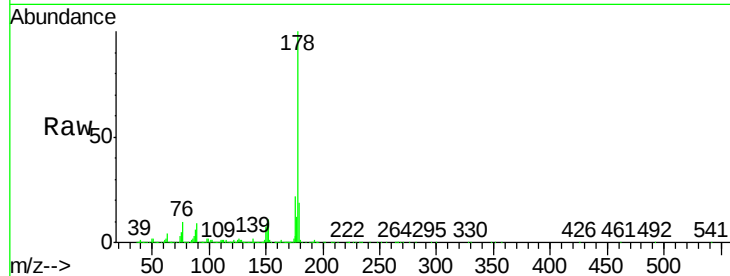




#71
 Anthracene
 Concen: 39.05 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.08 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

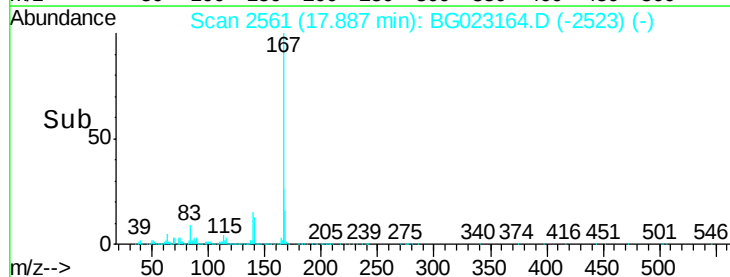
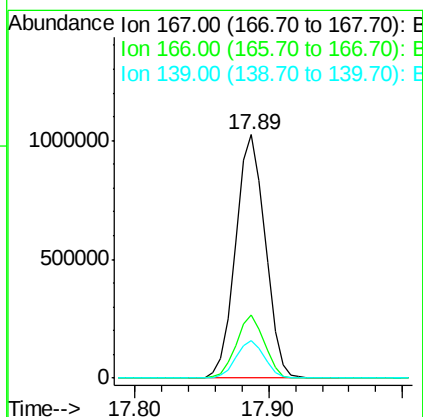
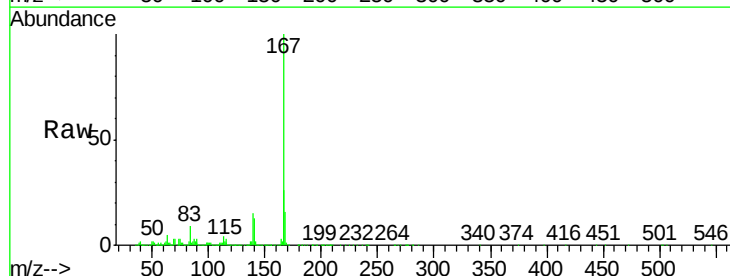
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

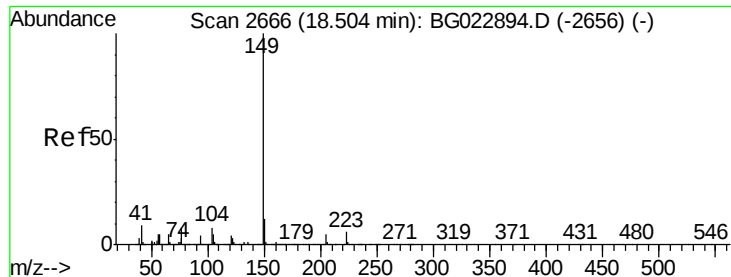
Tgt Ion:178 Resp: 1793554
 Ion Ratio Lower Upper
 178 100
 176 22.1 17.3 25.9
 179 18.7 14.0 21.0



#72
 Carbazole
 Concen: 39.73 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.08 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:167 Resp: 1576835
 Ion Ratio Lower Upper
 167 100
 166 26.2 20.7 31.1
 139 15.4 11.9 17.9





#73

Di-n-butylphthalate

Concen: 41.90 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.08 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

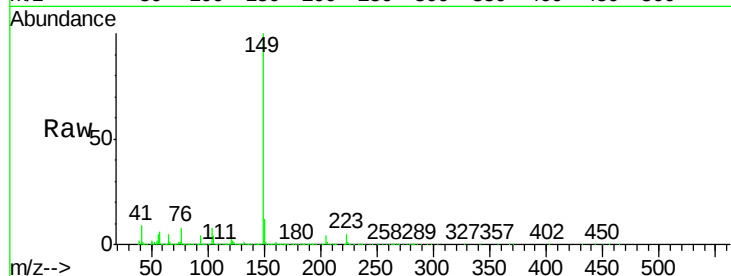
Tgt Ion:149 Resp: 1849384

Ion Ratio Lower Upper

149 100

150 11.5 9.1 13.7

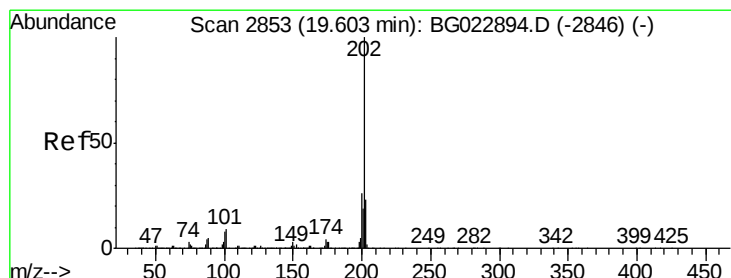
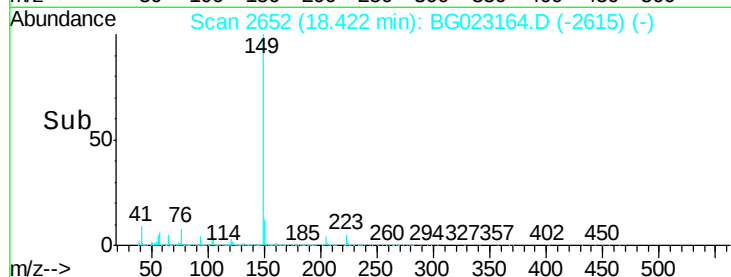
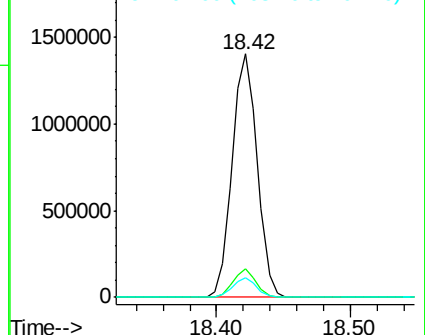
104 8.1 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.95 ng

RT: 19.53 min Scan# 2840

Delta R.T. -0.08 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

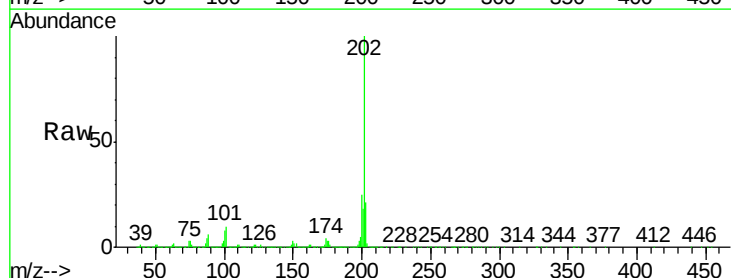
Tgt Ion:202 Resp: 2001035

Ion Ratio Lower Upper

202 100

101 10.4 0.0 27.4

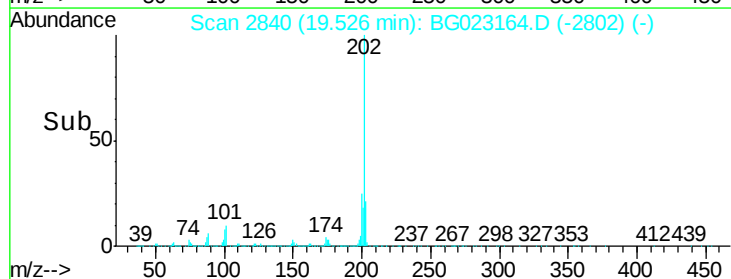
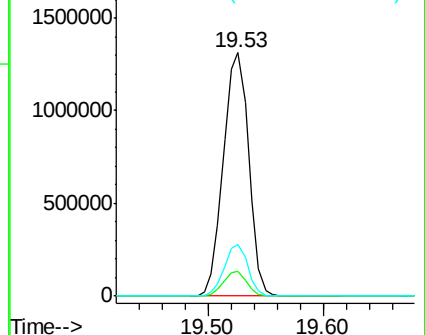
203 21.2 1.7 41.7

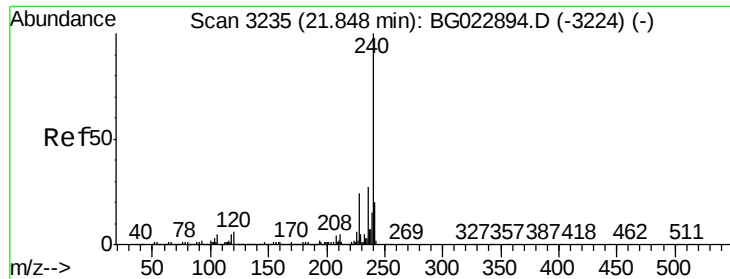


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3218

Delta R.T. -0.10 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

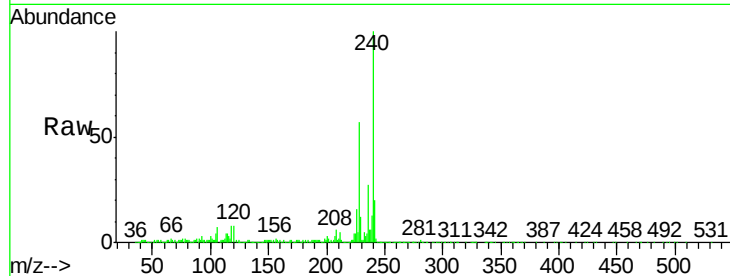
Tgt Ion:240 Resp: 925869

Ion Ratio Lower Upper

240 100

120 7.9 4.1 6.1#

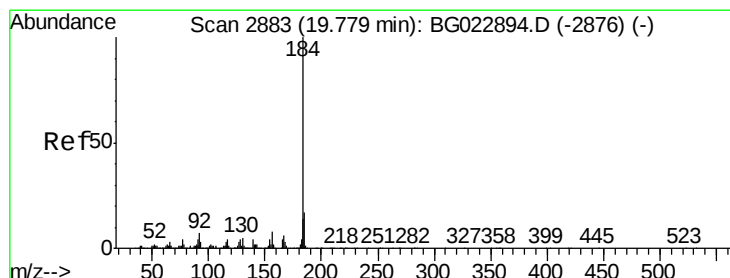
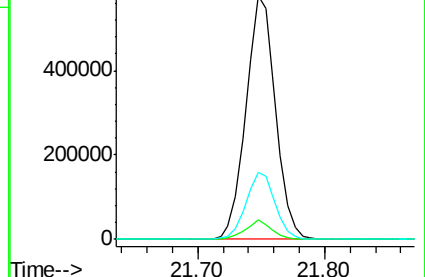
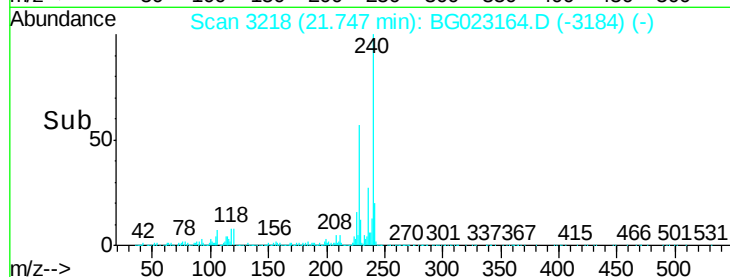
236 27.3 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.25 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.08 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

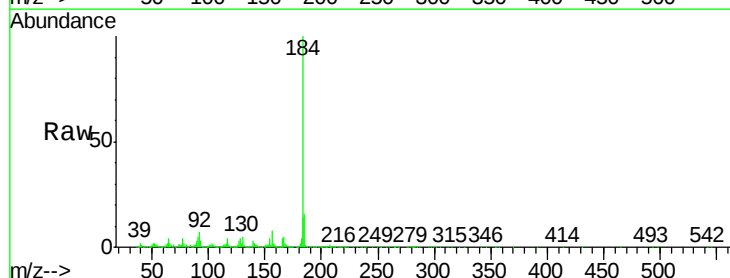
Tgt Ion:184 Resp: 1015372

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

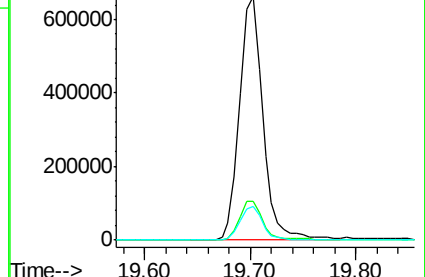
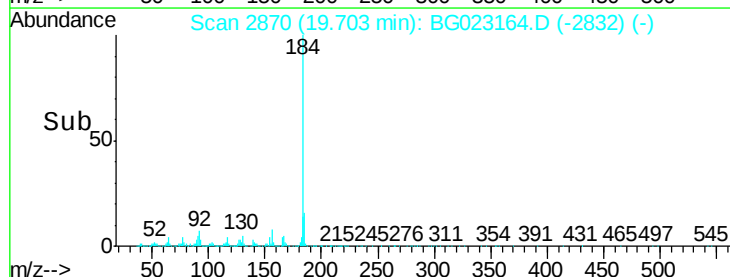
183 13.9 10.7 16.1

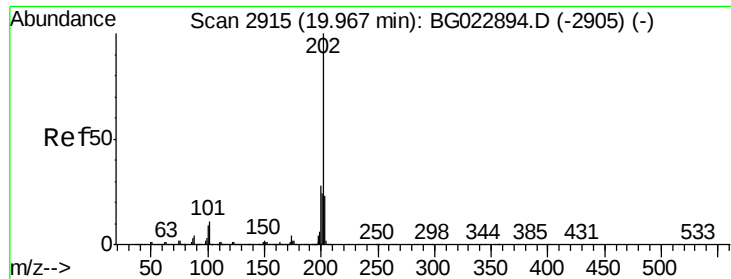


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.94 ng

RT: 19.88 min Scan# 2901

Delta R.T. -0.08 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

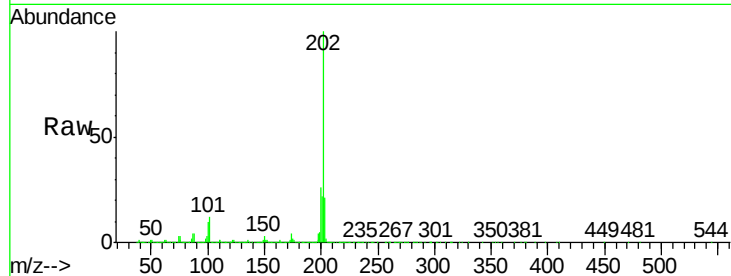
Tgt Ion:202 Resp: 2025920

Ion Ratio Lower Upper

202 100

200 26.0 21.2 31.8

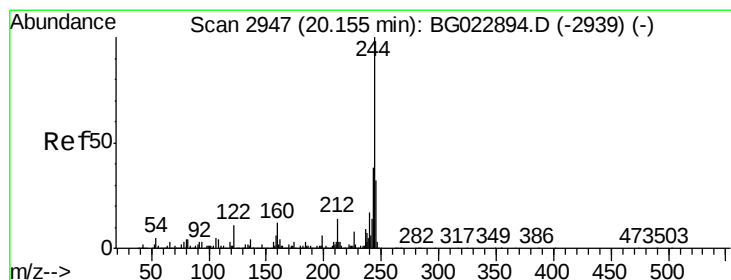
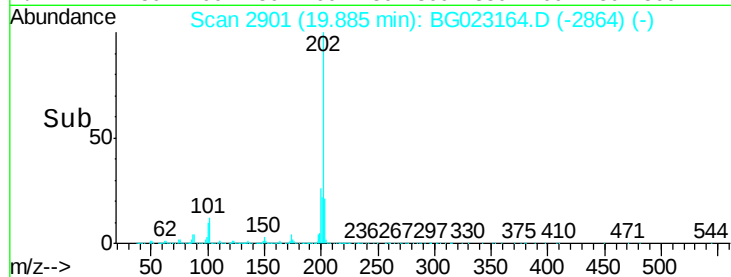
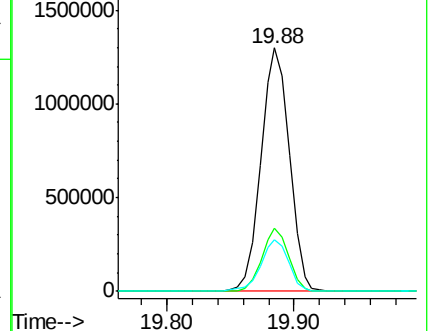
203 21.2 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.90 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.08 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

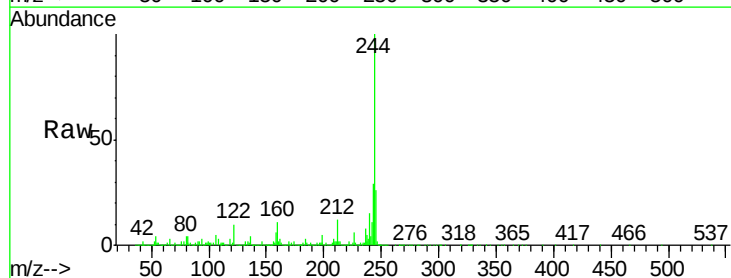
Tgt Ion:244 Resp: 2347484

Ion Ratio Lower Upper

244 100

212 12.4 10.8 16.2

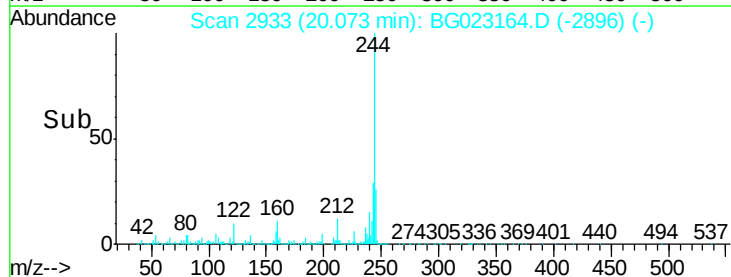
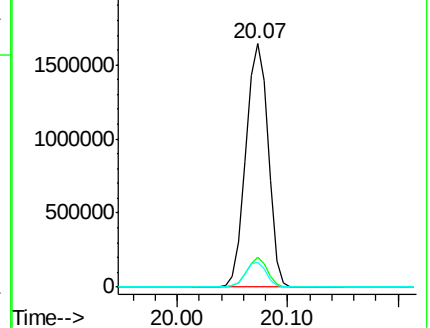
122 10.3 8.0 12.0

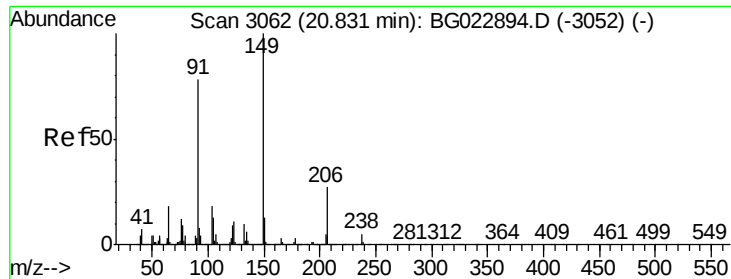


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

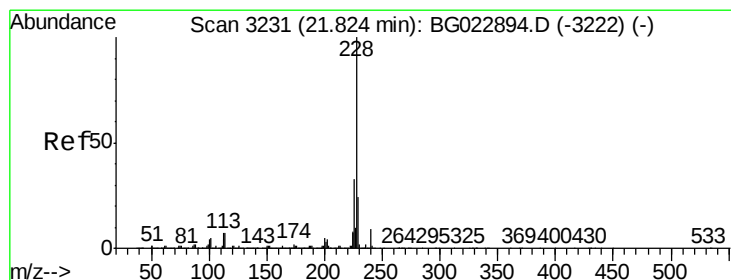
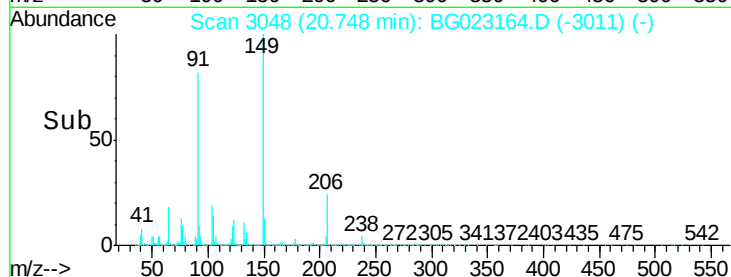
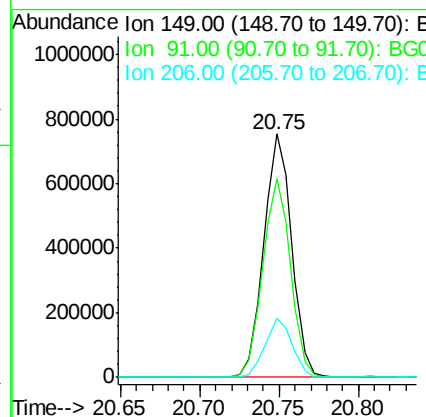
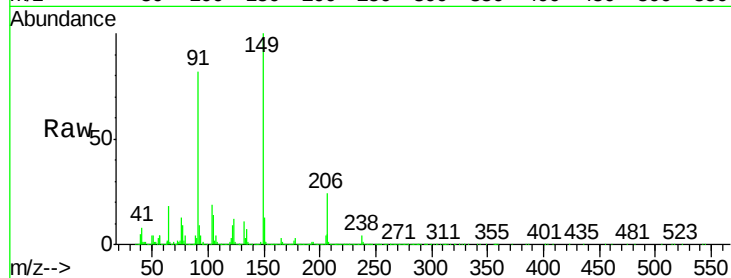




#79
Butylbenzylphthalate
Concen: 44.75 ng
RT: 20.75 min Scan# 3048
Delta R.T. -0.08 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

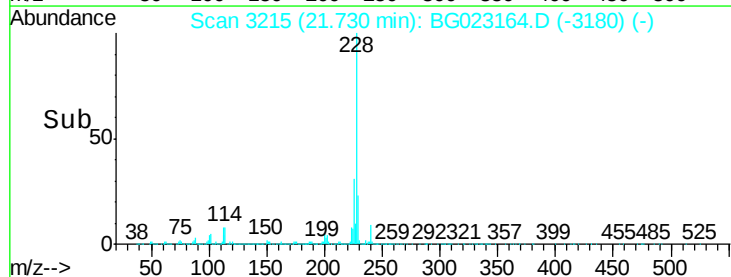
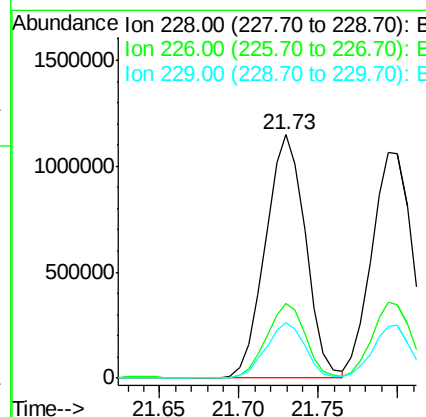
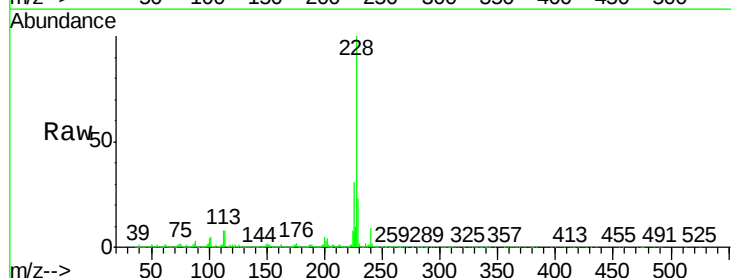
Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

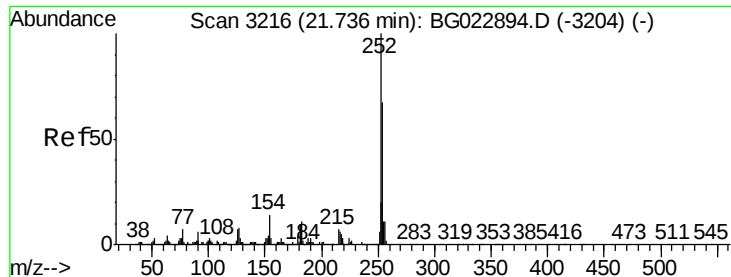
Tgt Ion:149 Resp: 922149
Ion Ratio Lower Upper
149 100
91 81.8 68.1 102.1
206 24.4 19.8 29.6



#80
Benzo(a)anthracene
Concen: 38.92 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.09 min
Lab File: BG023164.D
Acq: 18 Jul 2016 18:34

Tgt Ion:228 Resp: 2016316
Ion Ratio Lower Upper
228 100
226 30.7 25.3 37.9
229 23.0 19.9 29.9

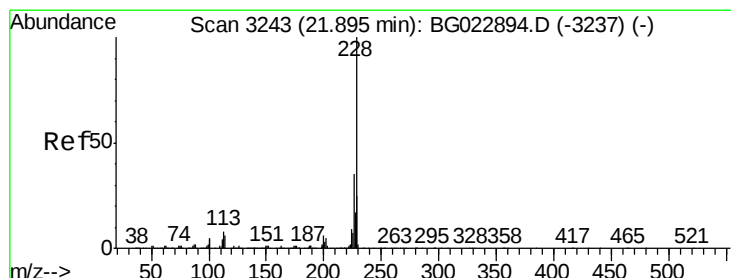
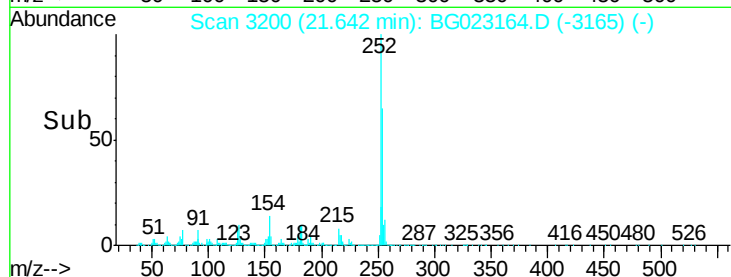
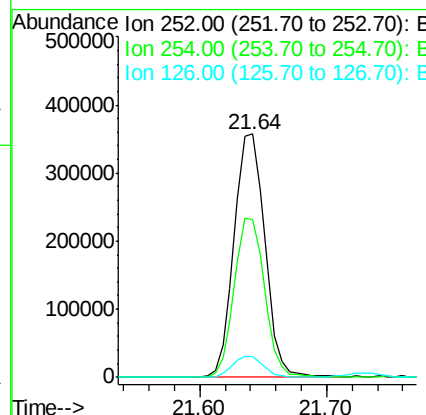
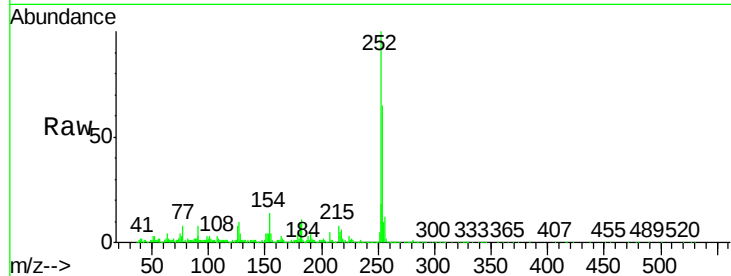




#81
 3,3'-Dichlorobenzidine
 Concen: 26.46 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.09 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

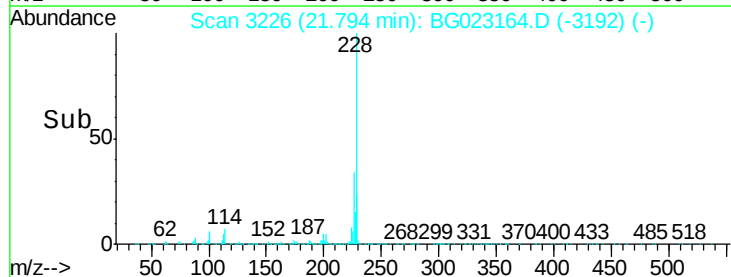
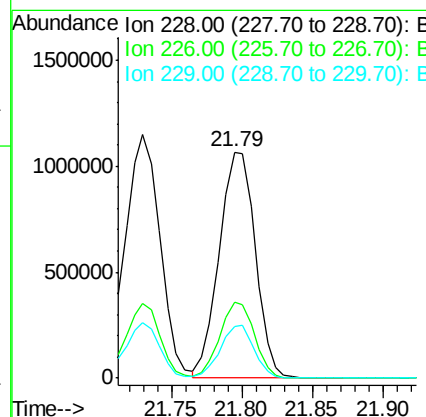
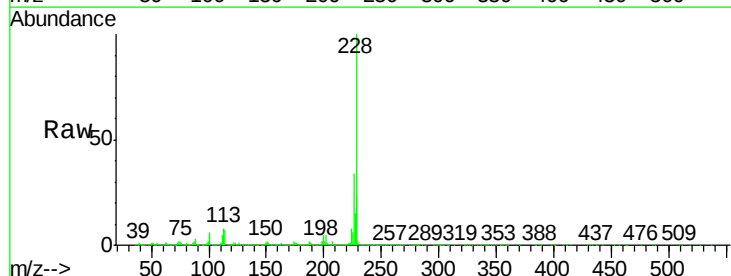
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

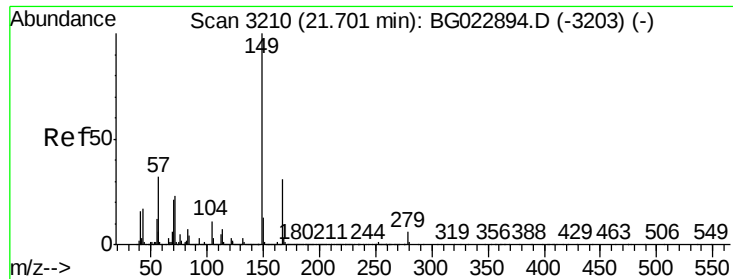
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.2	76.8
126	8.4	5.3	7.9



#82
 Chrysene
 Concen: 38.85 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.10 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.7	40.1
229	22.8	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.07 ng

RT: 21.61 min Scan# 3194

Delta R.T. -0.09 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

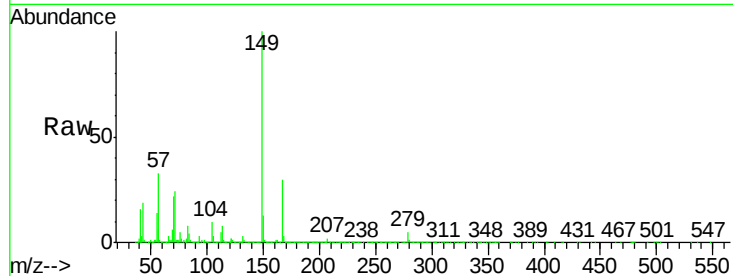
Tgt Ion:149 Resp: 1261131

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

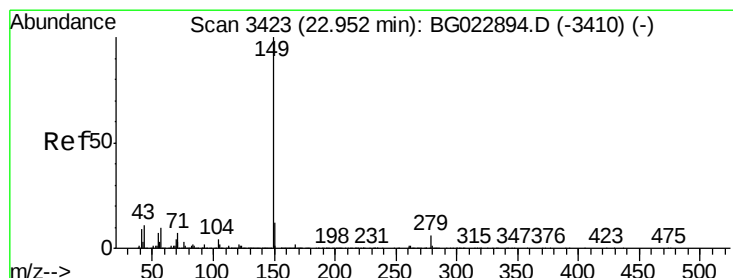
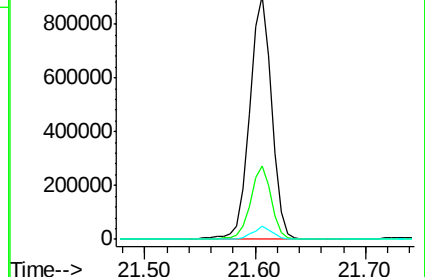
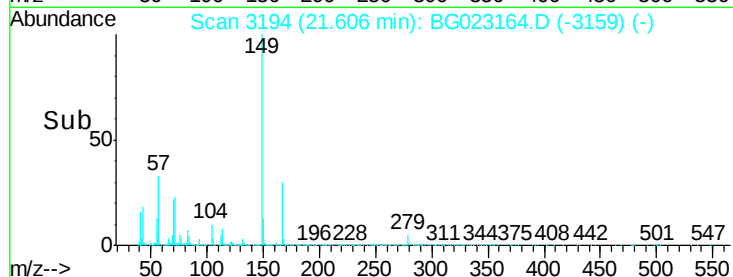
279 5.3 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.22 ng

RT: 22.83 min Scan# 3402

Delta R.T. -0.12 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

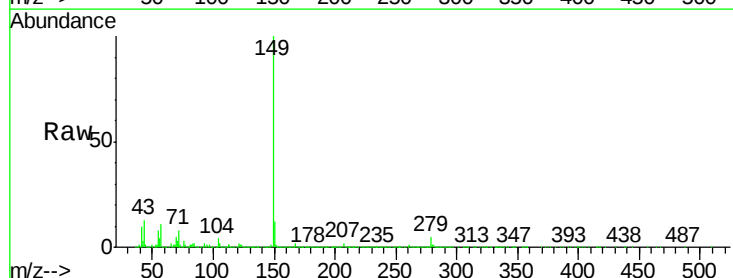
Tgt Ion:149 Resp: 2062618

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

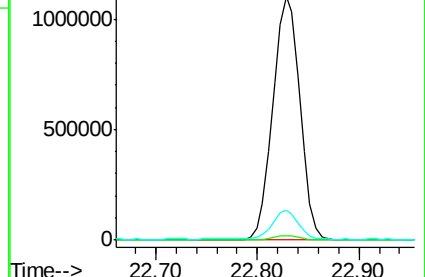
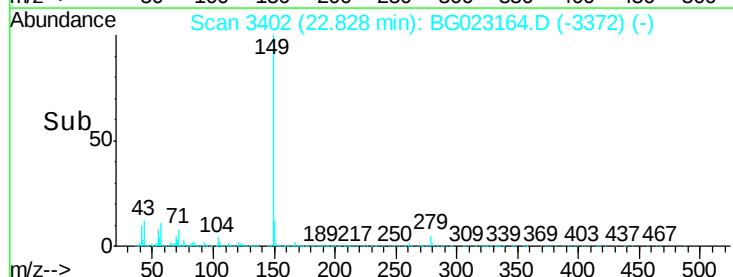
43 11.2 8.8 13.2

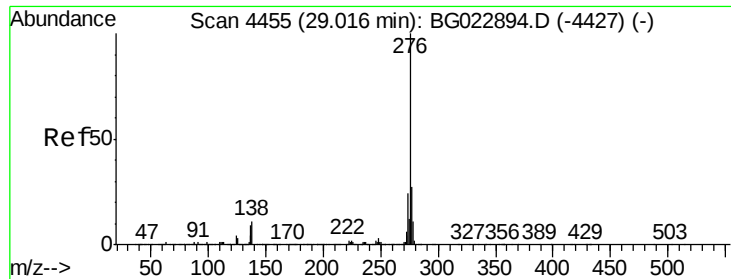


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

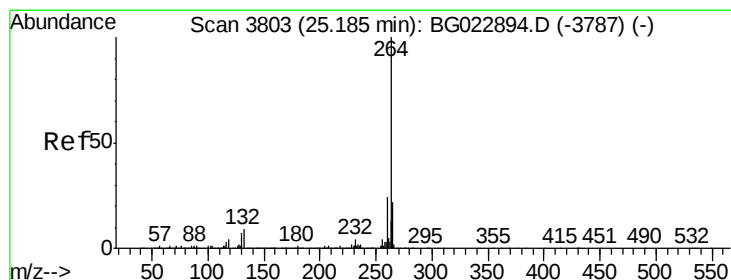
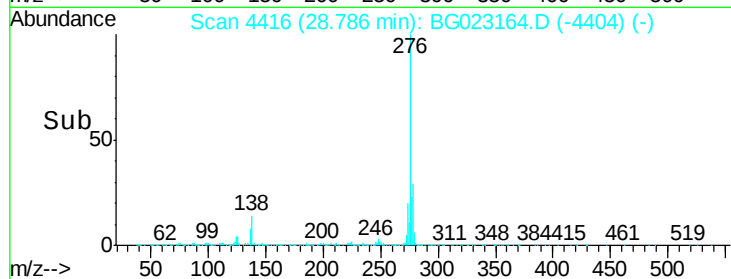
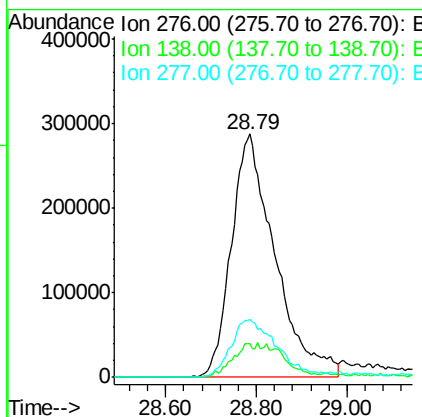
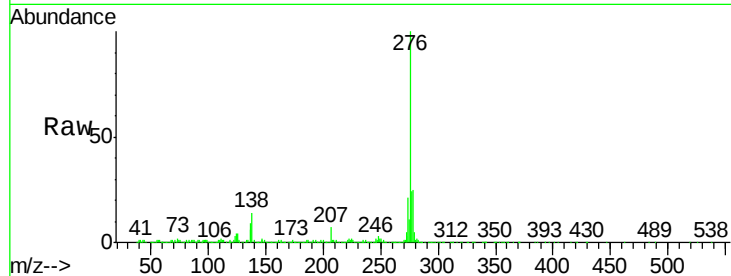




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.03 ng
 RT: 28.79 min Scan# 4416
 Delta R.T. -0.23 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

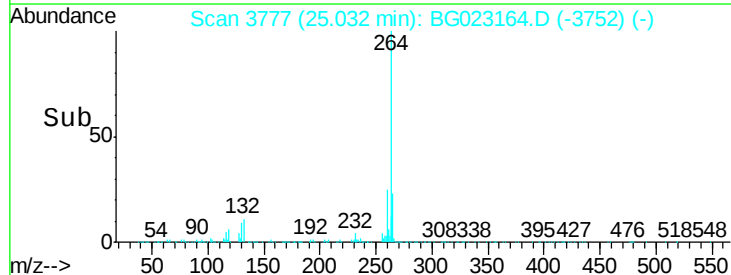
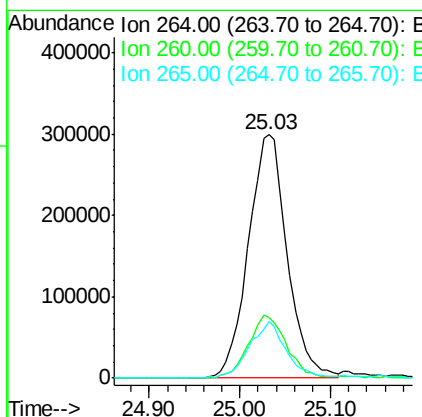
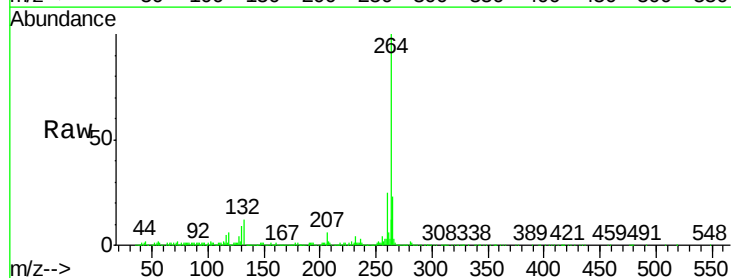
Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

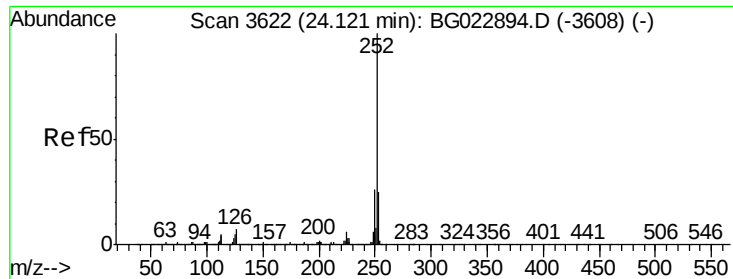
Tgt Ion:276 Resp: 1922740
 Ion Ratio Lower Upper
 276 100
 138 7.1 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.15 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Tgt Ion:264 Resp: 889362
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.4 27.6
 265 23.4 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 38.87 ng

RT: 23.99 min Scan# 3599

Delta R.T. -0.14 min

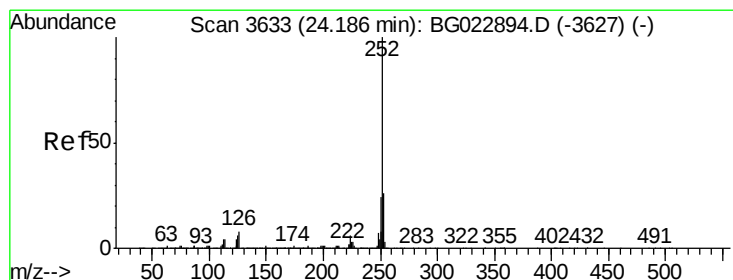
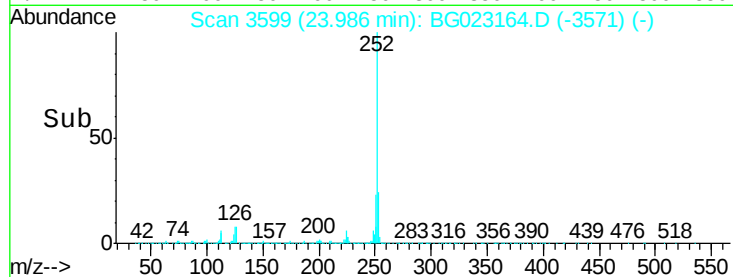
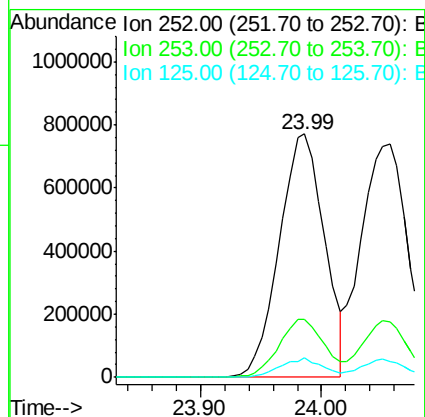
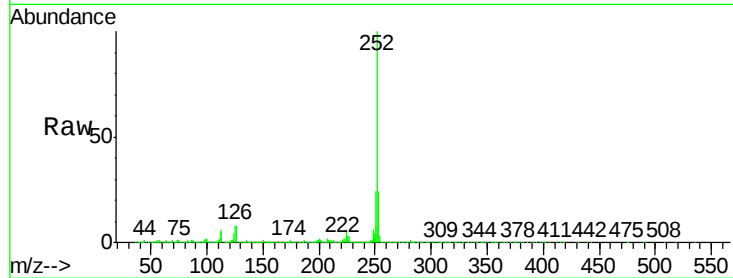
Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :
BNA_G
ClientSampleId :
F9-B3(6-12)CMS

Tgt Ion:252 Resp: 1994522

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	7.9	3.9	5.9



#88

Benzo(k)fluoranthene

Concen: 40.79 ng

RT: 24.06 min Scan# 3611

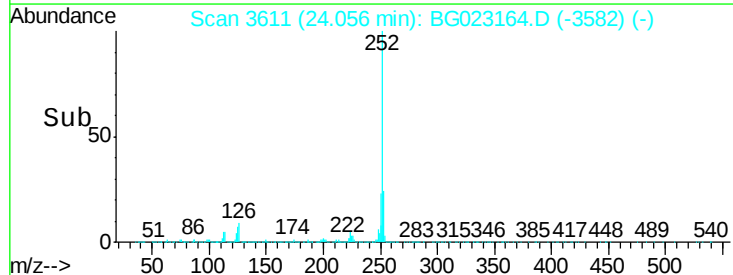
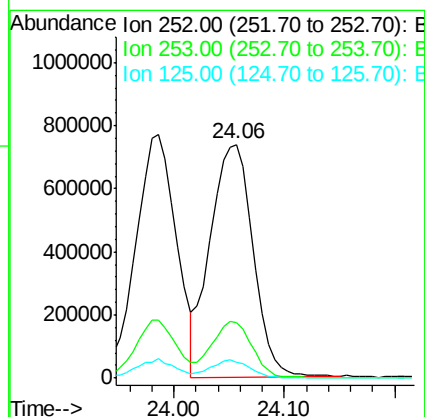
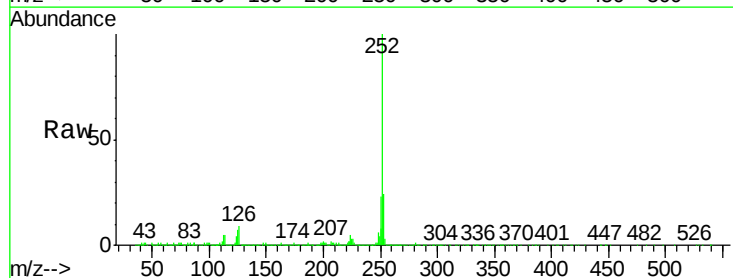
Delta R.T. -0.13 min

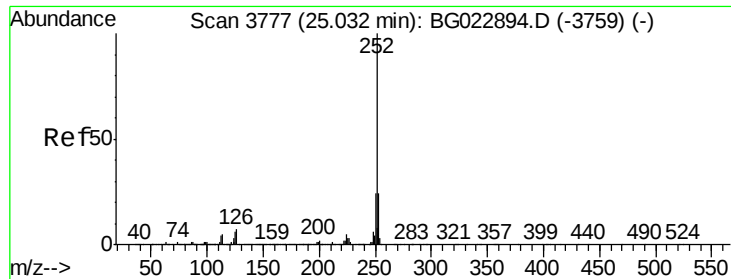
Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Tgt Ion:252 Resp: 1986354

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.8	28.2
125	6.9	3.2	4.8





#89

Benzo(a)pyrene

Concen: 39.43 ng

RT: 24.88 min Scan# 3751

Delta R.T. -0.15 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

Instrument :

BNA_G

ClientSampleId :

F9-B3(6-12)CMS

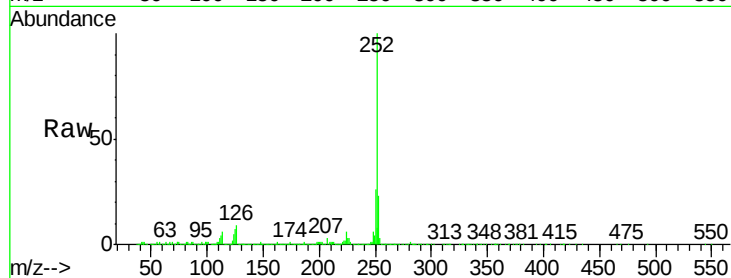
Tgt Ion:252 Resp: 1939593

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

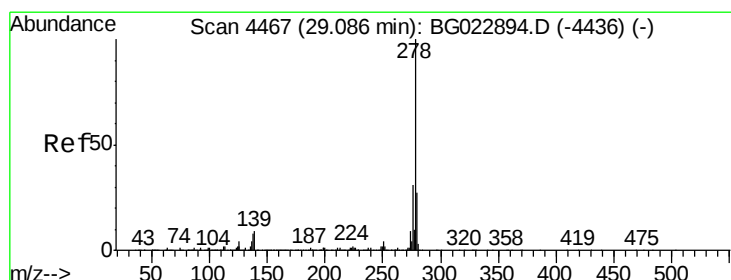
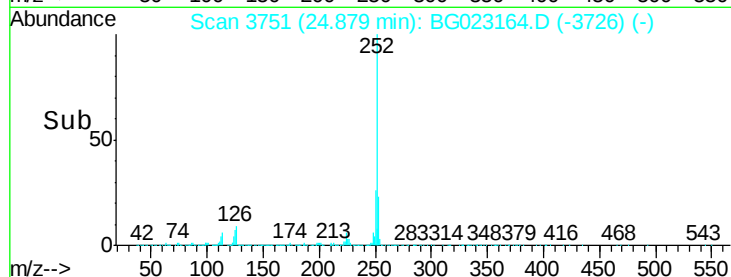
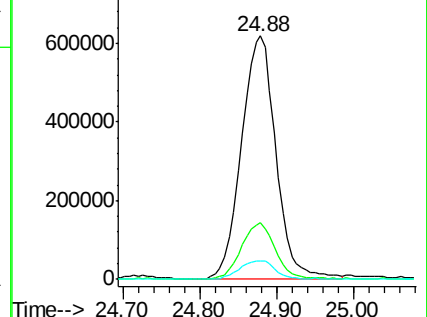
125 7.5 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.68 ng

RT: 28.84 min Scan# 4426

Delta R.T. -0.24 min

Lab File: BG023164.D

Acq: 18 Jul 2016 18:34

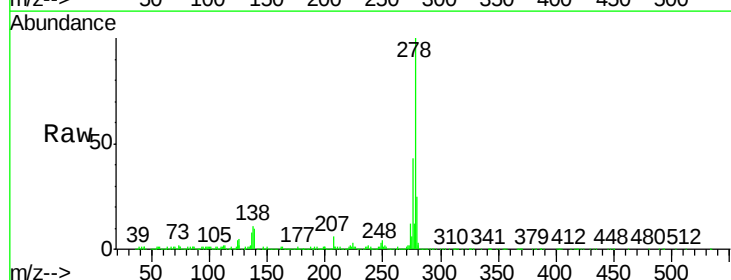
Tgt Ion:278 Resp: 1595215

Ion Ratio Lower Upper

278 100

139 9.6 4.7 7.1#

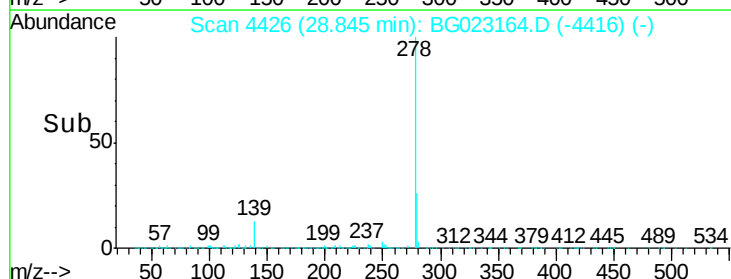
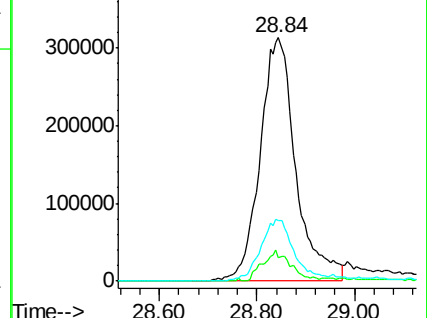
279 24.7 18.3 27.5

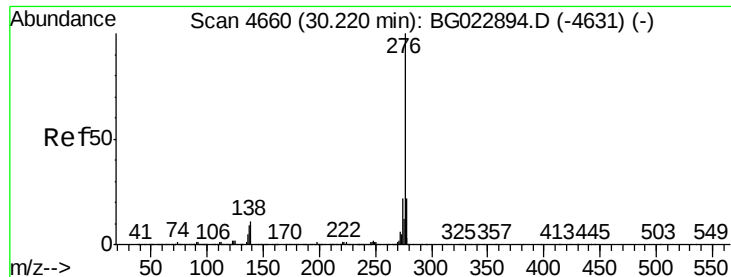


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 27.81 ng
 RT: 29.96 min Scan# 4615
 Delta R.T. -0.26 min
 Lab File: BG023164.D
 Acq: 18 Jul 2016 18:34

Instrument :
 BNA_G
 ClientSampleId :
 F9-B3(6-12)CMS

Tgt Ion: 276 Resp: 1359795
 Ion Ratio Lower Upper
 276 100
 277 22.9 18.6 27.8
 138 13.9 6.8 10.2#

