

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090616\
 Data File : BG023950.D
 Acq On : 6 Sep 2016 16:54
 Operator : UM/SJ
 Sample : PB93238BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 18:33:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47718	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	202651	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	149350	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	389326	20.00	ng	-0.02
75) Chrysene-d12	21.82	240	418397	20.00	ng	-0.03
86) Perylene-d12	25.17	264	411257	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	401414	147.69	ng	-0.03
7) Phenol-d6	7.24	99	583254	139.41	ng	-0.03
23) Nitrobenzene-d5	9.25	82	426609	93.98	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	335439	124.66	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	902903	86.68	ng	-0.02
78) Terphenyl-d14	20.11	244	1580363	86.02	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	42394	37.82	ng	# 86
3) Pyridine	3.88	79	138213	41.03	ng	96
4) n-Nitrosodimethylamine	3.79	42	86336	48.62	ng	# 91
6) Aniline	7.39	93	152878	27.53	ng	96
8) 2-Chlorophenol	7.63	128	137203	43.57	ng	96
9) Benzaldehyde	7.20	77	30056	10.11	ng	90
10) Phenol	7.27	94	200518	45.56	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	136938	39.54	ng	90
12) 1,3-Dichlorobenzene	7.95	146	153541	41.66	ng	96
13) 1,4-Dichlorobenzene	8.10	146	158595	40.62	ng	93
14) 1,2-Dichlorobenzene	8.42	146	146874	40.08	ng	94
15) Benzyl Alcohol	8.32	79	173789	47.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	178574	38.47	ng	93
17) 2-Methylphenol	8.52	107	134526	45.37	ng	98
18) Hexachloroethane	9.15	117	61631	41.00	ng	92
19) n-Nitroso-di-n-propylamine	8.88	70	151275	40.93	ng	94
20) 3+4-Methylphenols	8.86	107	186417	45.11	ng	96
22) Acetophenone	8.90	105	216494	41.26	ng	# 95
24) Nitrobenzene	9.29	77	224986	46.09	ng	96
25) Isophorone	9.81	82	394888	44.86	ng	97
26) 2-Nitrophenol	10.01	139	85522	46.09	ng	95
27) 2,4-Dimethylphenol	10.07	122	147707	46.84	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	204395	45.99	ng	98
29) 2,4-Dichlorophenol	10.56	162	164993	49.38	ng	95
30) 1,2,4-Trichlorobenzene	10.76	180	167625	45.74	ng	94
31) Naphthalene	10.94	128	453328	43.41	ng	97
32) Benzoic acid	10.22	122	47947	18.72	ng	# 87
33) 4-Chloroaniline	11.07	127	72737	16.68	ng	94
34) Hexachlorobutadiene	11.22	225	130234	47.32	ng	98
35) Caprolactam	11.88	113	20419	17.34	ng	# 87
36) 4-Chloro-3-methylphenol	12.21	107	203504	45.58	ng	96
37) 2-Methylnaphthalene	12.55	142	358910	45.18	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	200208	40.39	ng	99
40) Hexachlorocyclopentadiene	12.89	237	267516	88.71	ng	98

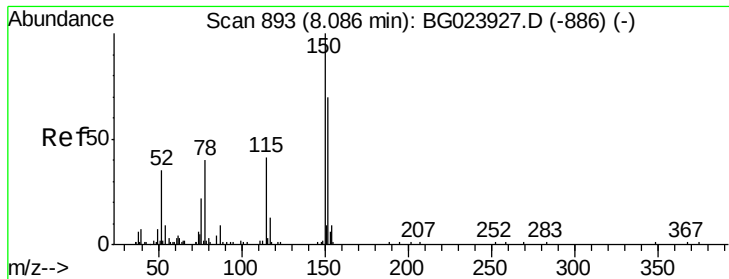
Data Path : Z:\HPCHEM1\BNA G\DATA\BG090616\
 Data File : BG023950.D
 Acq On : 6 Sep 2016 16:54
 Operator : UM/SJ
 Sample : PB93238BSD
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Quant Time: Sep 06 18:33:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	150106	45.38	nq	94
43) 2,4,5-Trichlorophenol	13.26	196	157766	47.18	nq	96
45) 1,1'-Biphenyl	13.56	154	440441	36.66	nq	98
46) 2-Chloronaphthalene	13.61	162	384008	43.54	nq	98
47) 2-Nitroaniline	13.83	65	175616	50.55	nq	99
48) Acenaphthylene	14.46	152	622417	42.34	nq	98
49) Dimethylphthalate	14.19	163	550070	42.95	nq	99
50) 2,6-Dinitrotoluene	14.32	165	120426	44.55	nq	98
51) Acenaphthene	14.80	154	382620	42.10	nq	97
52) 3-Nitroaniline	14.66	138	59412	23.49	nq	83
53) 2,4-Dinitrophenol	14.88	184	122852	63.61	nq	93
54) Dibenzofuran	15.14	168	651308	45.92	nq	98
55) 4-Nitrophenol	15.00	139	167766	83.39	nq	96
56) 2,4-Dinitrotoluene	15.12	165	178627	44.95	nq	89
57) Fluorene	15.79	166	539368	43.85	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	164382	48.43	nq	94
59) Diethylphthalate	15.55	149	591264	43.25	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	286103	43.21	nq	97
61) 4-Nitroaniline	15.84	138	108353	42.39	nq	93
62) Azobenzene	16.07	77	642010	48.49	nq	95
64) 4,6-Dinitro-2-methylphenol	15.89	198	105574	39.06	nq	92
65) n-Nitrosodiphenylamine	16.00	169	484202	43.79	nq	98
66) 4-Bromophenyl-phenylether	16.68	248	219179	46.27	nq	97
67) Hexachlorobenzene	16.80	284	225250	40.55	nq	98
68) Atrazine	16.95	200	203550	42.78	nq	98
69) Pentachlorophenol	17.16	266	233886	79.27	nq	97
70) Phenanthrene	17.55	178	905896	44.73	nq	99
71) Anthracene	17.63	178	918001	44.44	nq	96
72) Carbazole	17.92	167	805820	42.98	nq	97
73) Di-n-butylphthalate	18.45	149	948139	42.39	nq	98
74) Fluoranthene	19.56	202	1114211	45.69	nq	94
76) Benzidine	19.75	184	414679	32.01	nq	97
77) Pyrene	19.93	202	1107505	43.04	nq	94
79) Butylbenzylphthalate	20.80	149	422587	42.60	nq	98
80) Benzo(a)anthracene	21.79	228	1082424	46.22	nq	92
81) 3,3'-Dichlorobenzidine	21.71	252	227295	24.28	nq	# 99
82) Chrysene	21.86	228	1002519	44.97	nq	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	574279	42.28	nq	96
84) Di-n-octyl phthalate	22.92	149	953946	42.83	nq	99
85) Indeno(1,2,3-cd)pyrene	29.01	276	1181672	47.87	nq	# 100
87) Benzo(b)fluoranthene	24.10	252	1079253	46.20	nq	98
88) Benzo(k)fluoranthene	24.17	252	1036444	44.74	nq	# 99
89) Benzo(a)pyrene	25.01	252	1031396	46.49	nq	# 98
90) Dibenzo(a,h)anthracene	29.07	278	980540	44.94	nq	# 96
91) Benzo(g,h,i)perylene	30.22	276	975420	46.49	nq	99

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

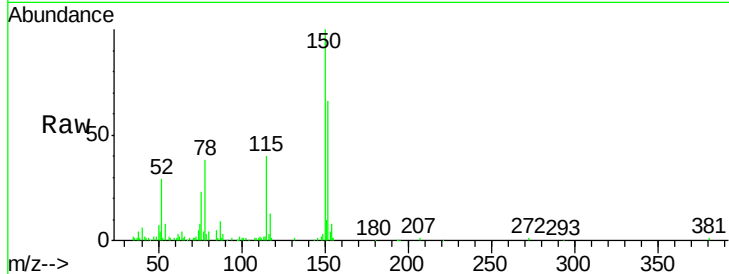


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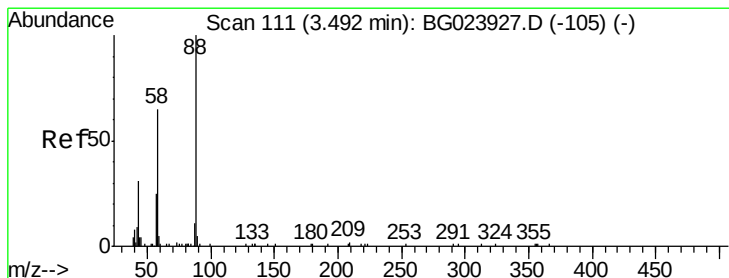
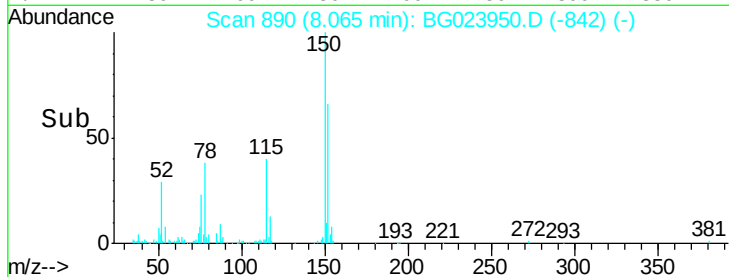
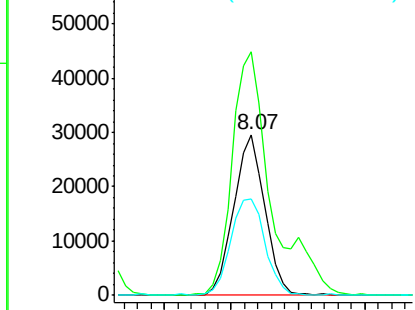
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47718
Ion Ratio Lower Upper
152 100
150 151.3 144.7 217.1
115 59.8 64.0 96.0#



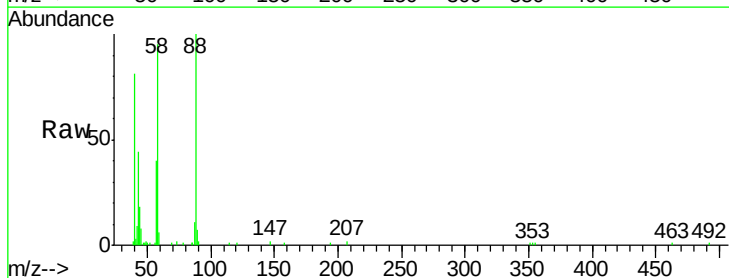
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



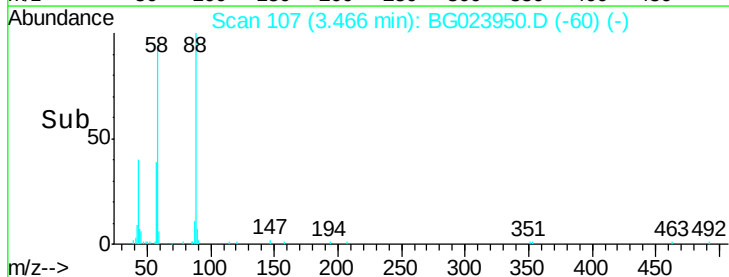
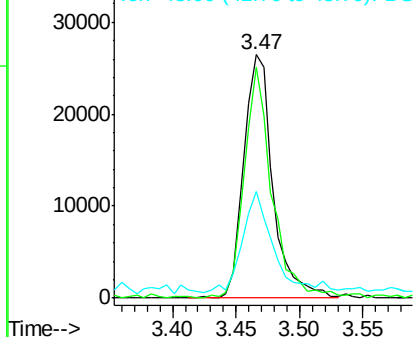
#2

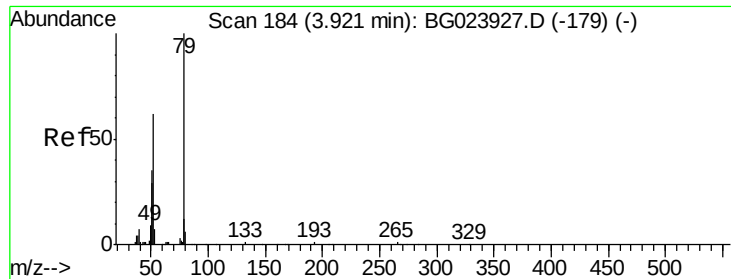
1,4-Dioxane
Concen: 37.82 ng
RT: 3.47 min Scan# 107
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion: 88 Resp: 42394
Ion Ratio Lower Upper
88 100
58 90.8 60.4 90.6#
43 43.1 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

Pvridine

Concen: 41.03 ng

RT: 3.88 min Scan# 177

Delta R.T. -0.04 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

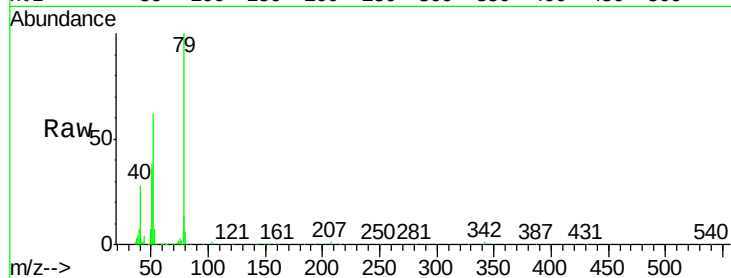
Tot Ion: 79 Resp: 138213

Ion Ratio Lower Upper

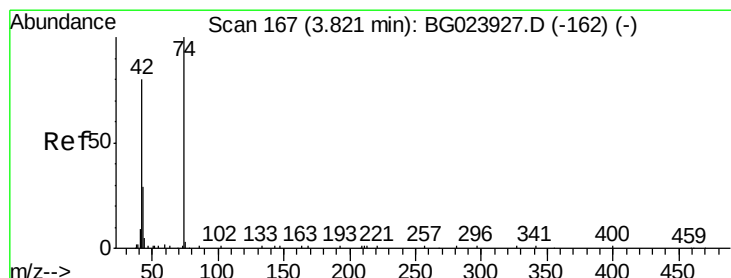
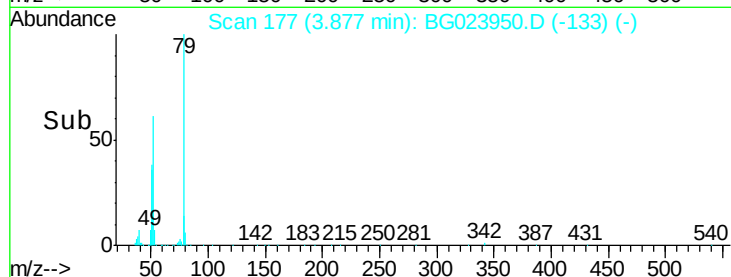
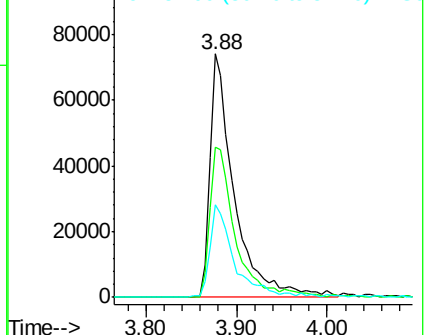
79 100

52 61.7 51.8 77.8

51 38.3 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: 48.62 ng

RT: 3.79 min Scan# 163

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

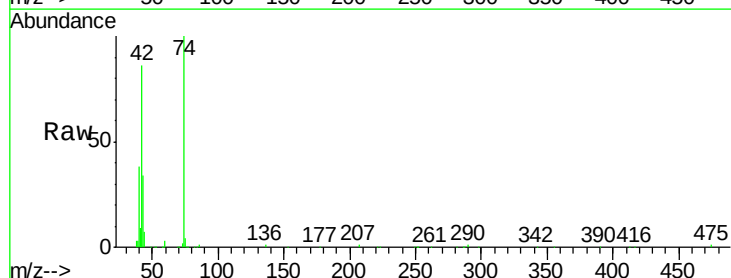
Tgt Ion: 42 Resp: 86336

Ion Ratio Lower Upper

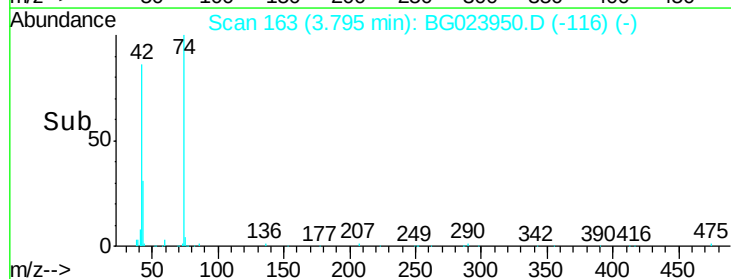
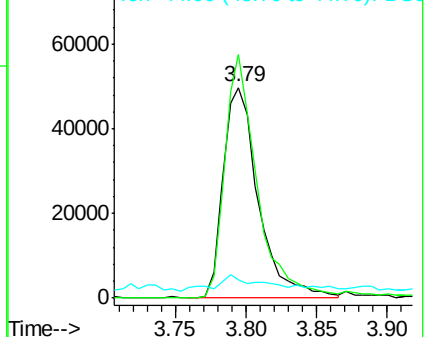
42 100

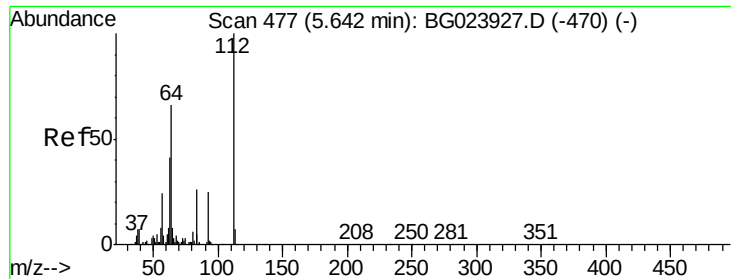
74 115.6 100.6 150.8

44 8.6 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: 147.69 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

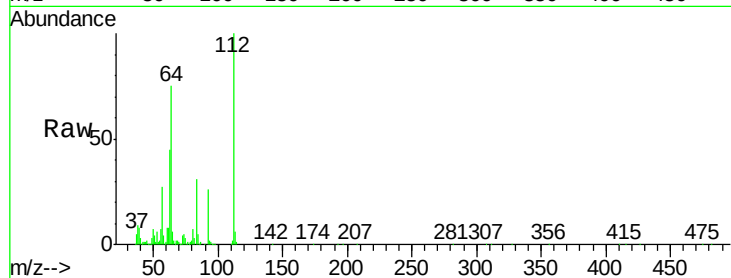
Tot Ion:112 Resp: 401414

Ion Ratio Lower Upper

112 100

64 74.5 59.0 88.4

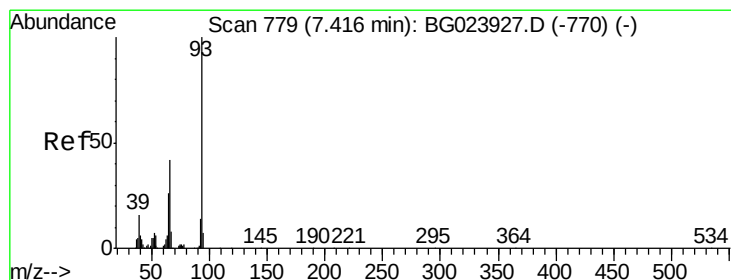
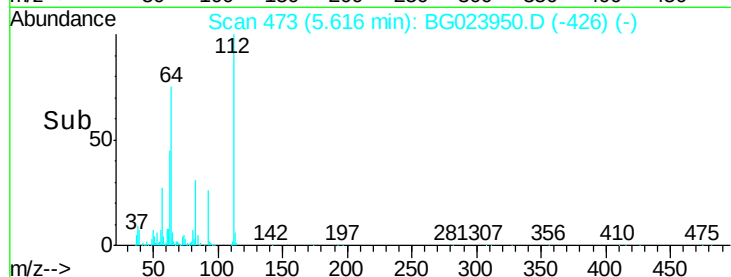
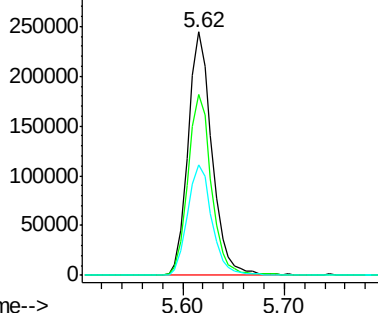
63 45.4 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.53 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

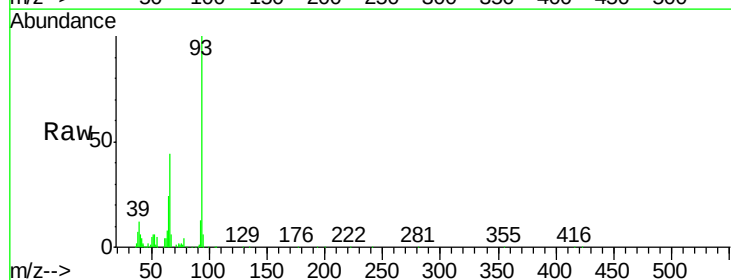
Tgt Ion: 93 Resp: 152878

Ion Ratio Lower Upper

93 100

66 43.5 37.5 56.3

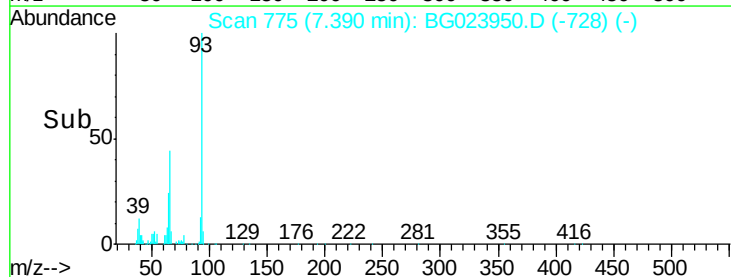
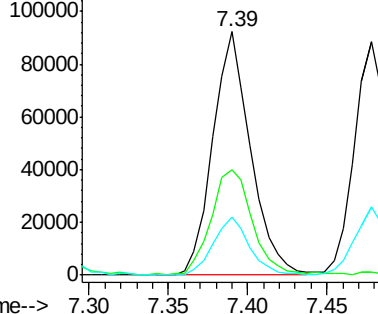
65 23.7 17.9 26.9

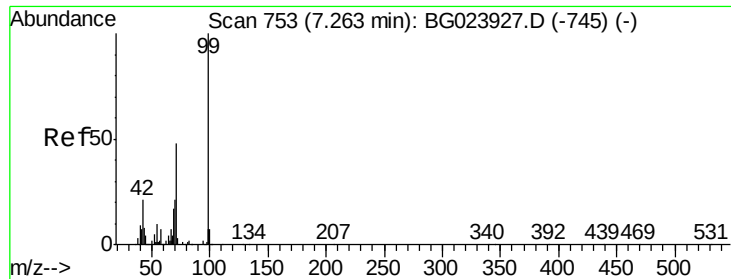


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.41 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

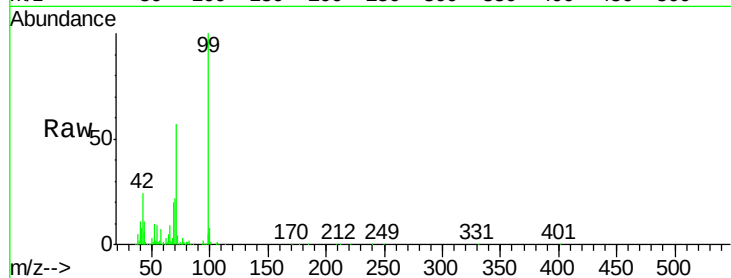
Tot Ion: 99 Resp: 583254

Ion Ratio Lower Upper

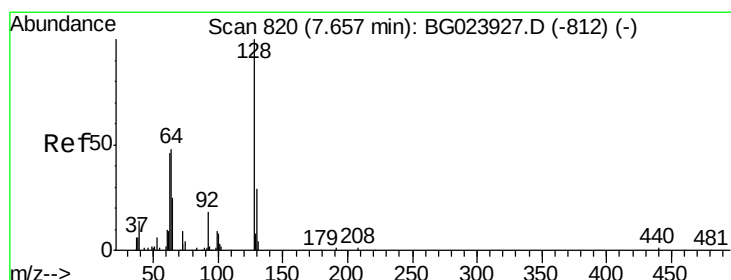
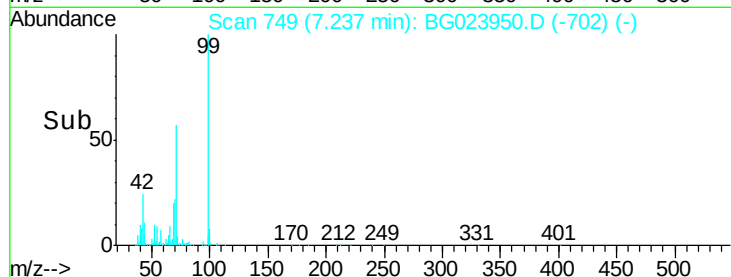
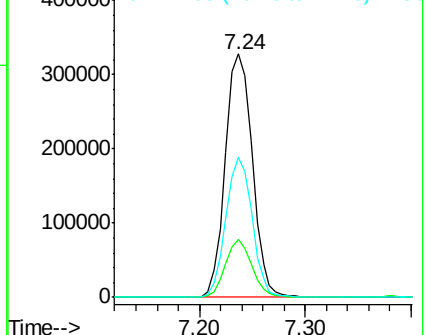
99 100

42 23.8 17.8 26.6

71 57.3 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: 43.57 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

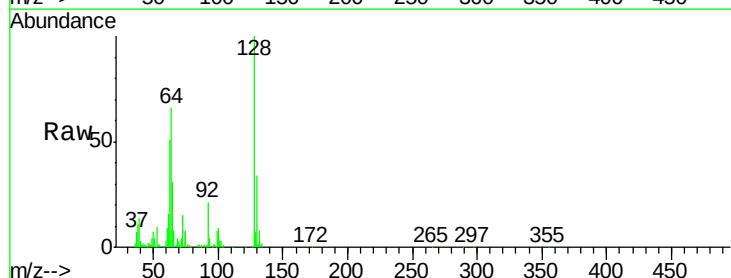
Tgt Ion: 128 Resp: 137203

Ion Ratio Lower Upper

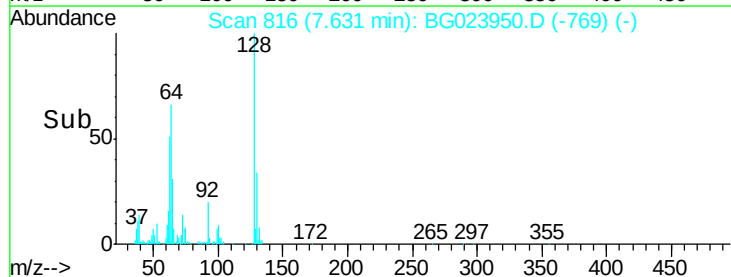
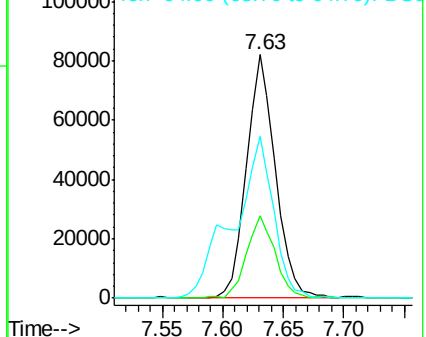
128 100

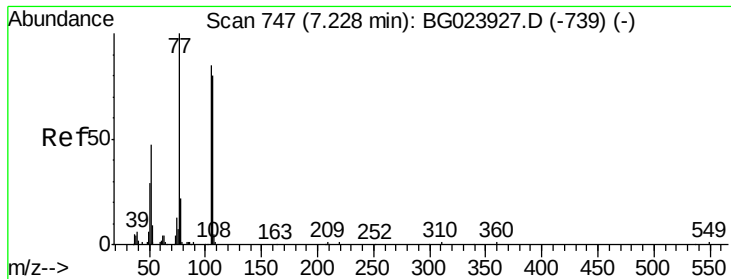
130 33.8 12.9 52.9

64 66.4 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: 10.11 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

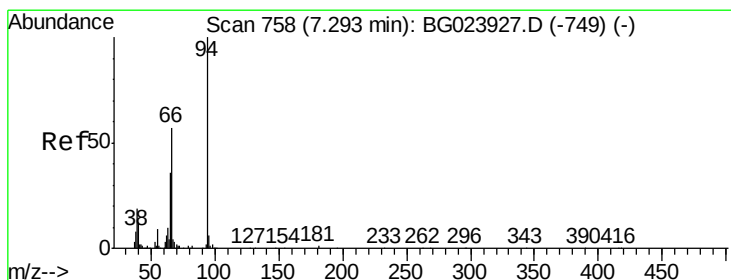
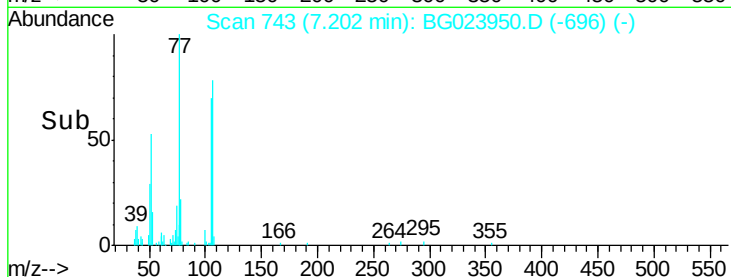
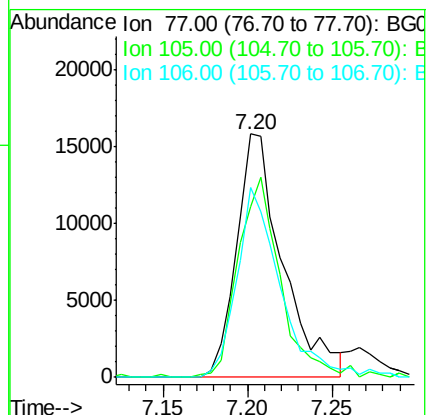
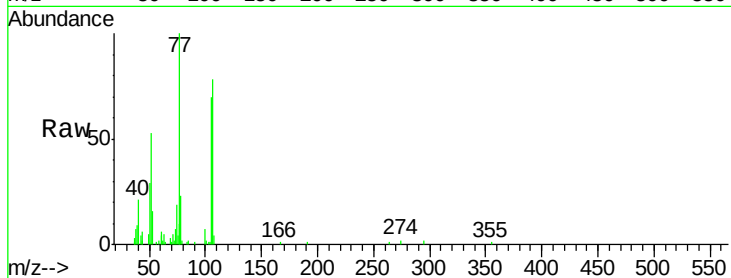
Tot Ion: 77 Resp: 30056

Ion Ratio Lower Upper

77 100

105 70.1 58.7 98.7

106 77.8 67.5 107.5



#10

Phenol

Concen: 45.56 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

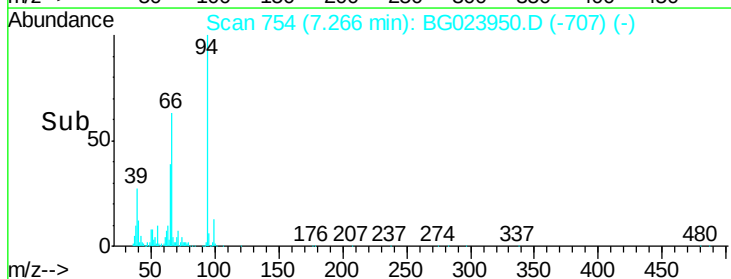
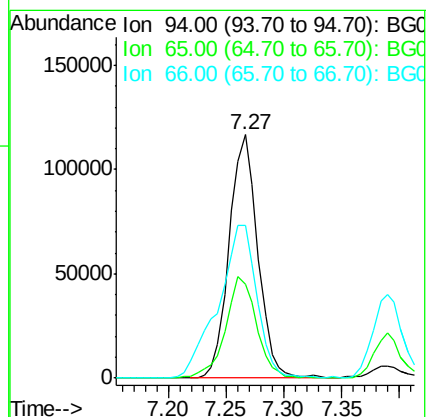
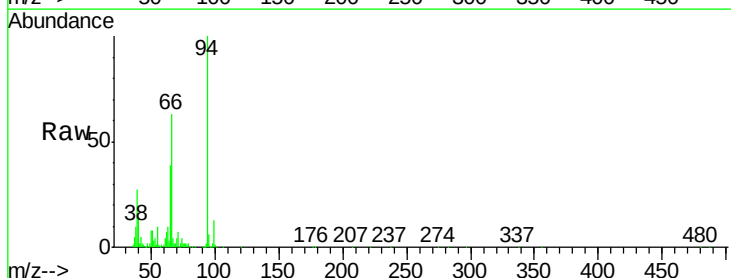
Tgt Ion: 94 Resp: 200518

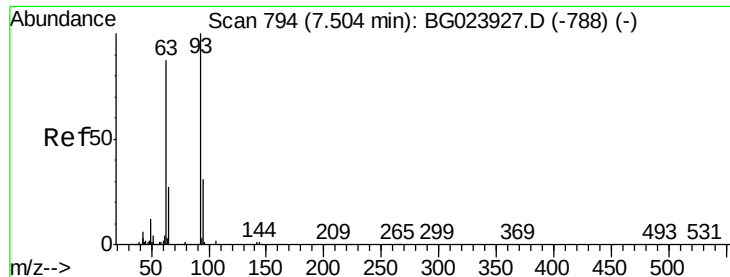
Ion Ratio Lower Upper

94 100

65 38.7 18.1 58.1

66 63.0 42.1 82.1

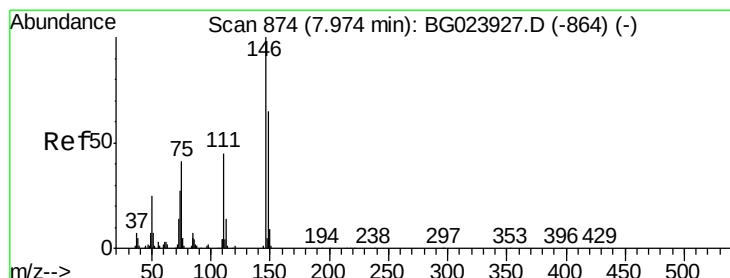
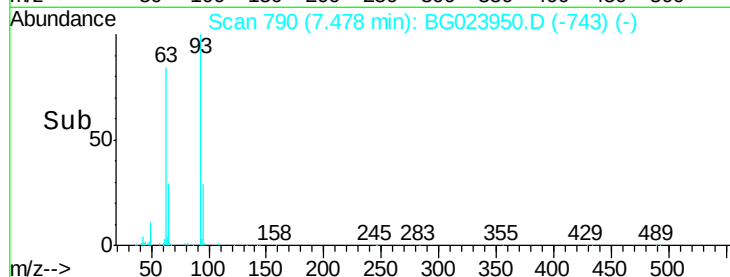
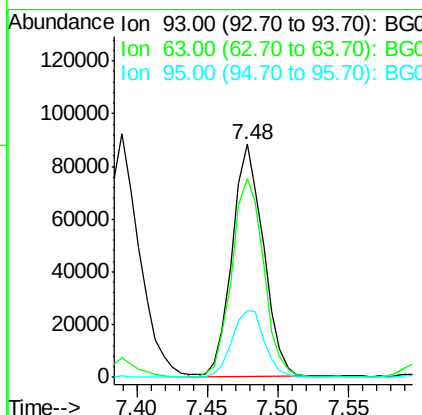
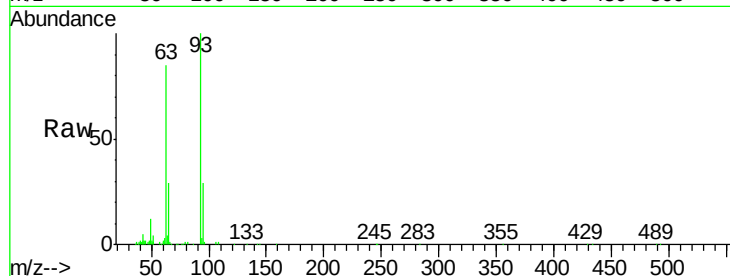




#11
bis(2-Chloroethyl)ether
Concen: 39.54 ng
RT: 7.48 min Scan# 790
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

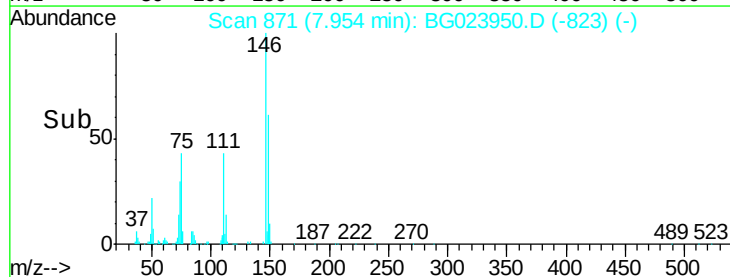
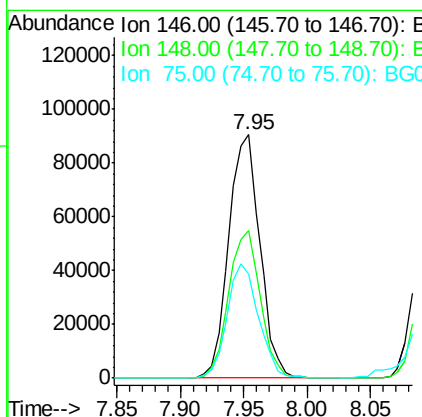
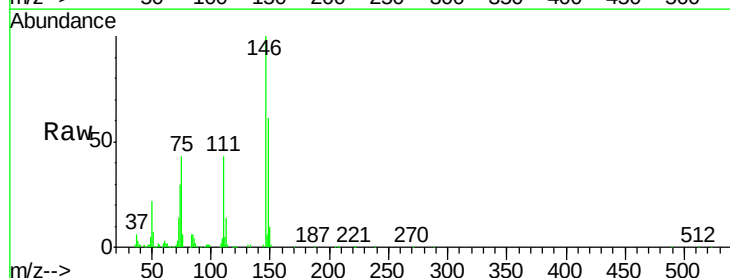
Instrument :
BNA_G
ClientSampleId :

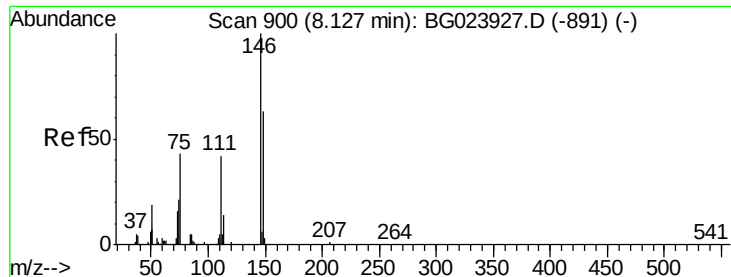
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.3	55.0	95.0
95	28.7	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 41.66 ng
RT: 7.95 min Scan# 871
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.3	75.5
75	42.8	37.0	55.6

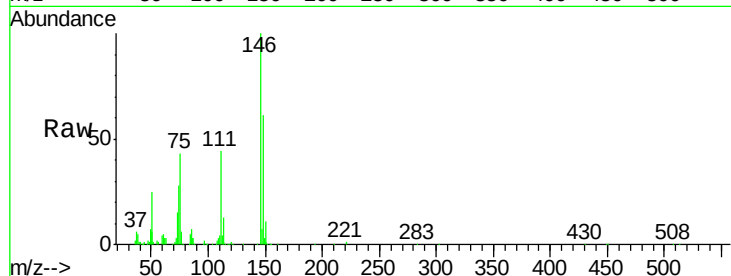




#13
 1,4-Dichlorobenzene
 Concen: 40.62 ng
 RT: 8.10 min Scan# 896
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	54.5	81.7
111	44.2	37.8	56.8

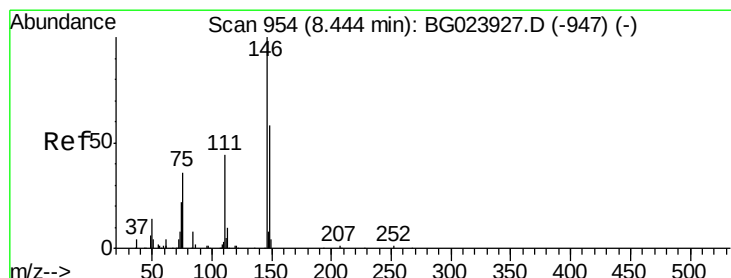
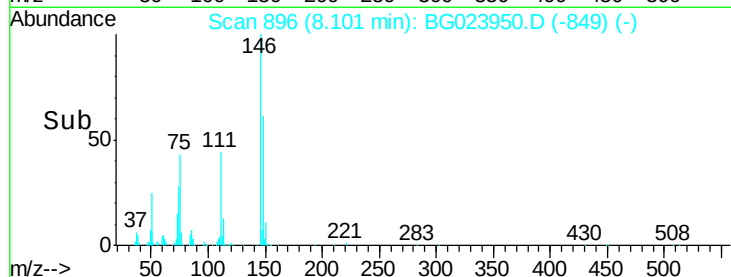
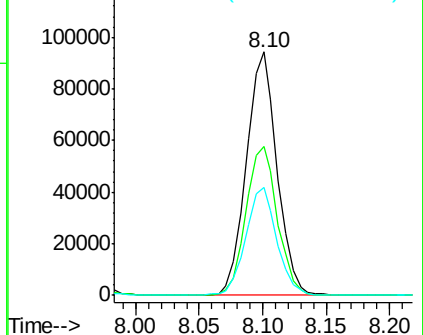


Abundance

Ion 146.00 (145.70 to 146.70): E

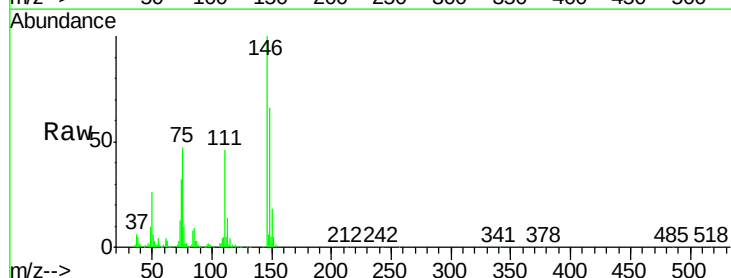
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.08 ng
 RT: 8.42 min Scan# 950
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.9	79.3
111	45.5	43.5	65.3

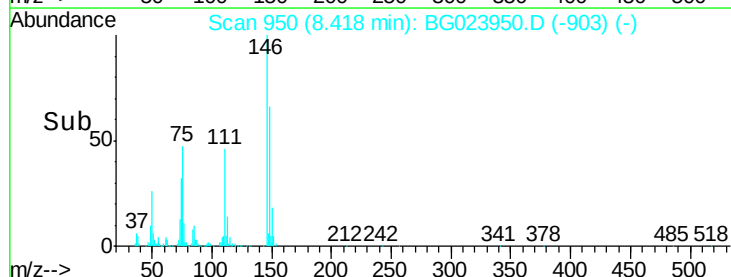
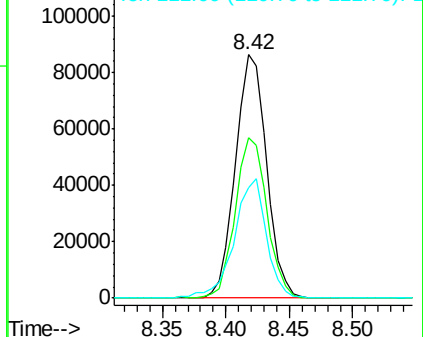


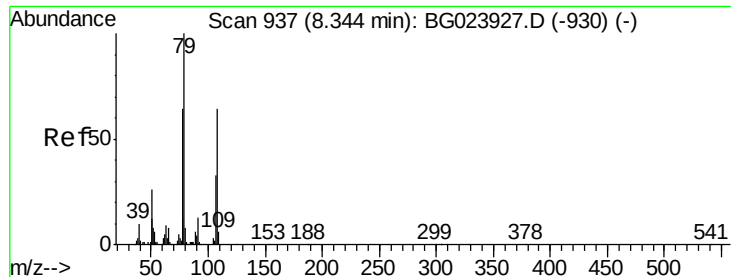
Abundance

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: 47.11 ng

RT: 8.32 min Scan# 933

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

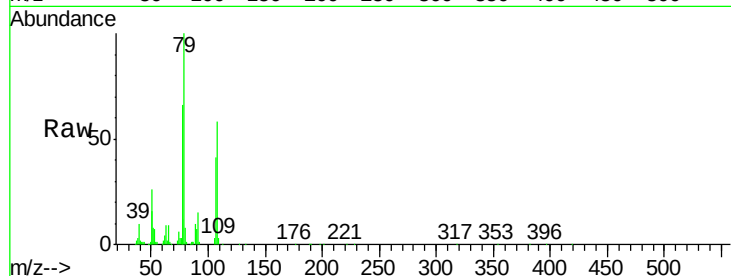
Tot Ion: 79 Resp: 173789

Ion Ratio Lower Upper

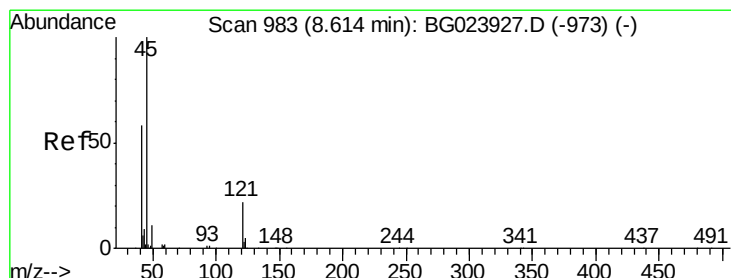
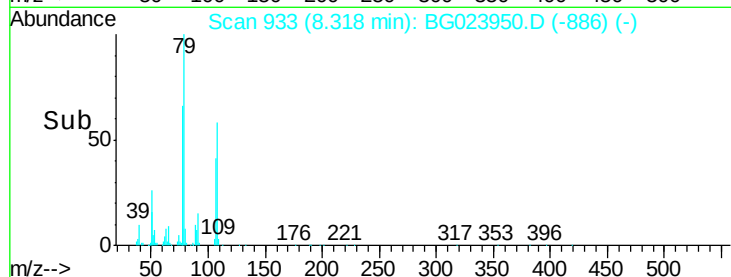
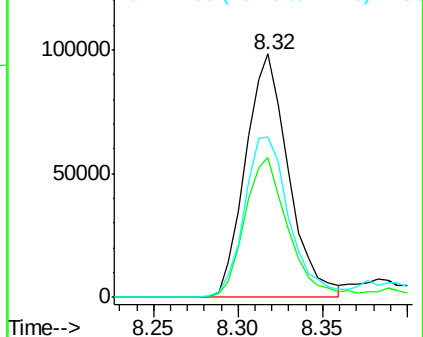
79 100

108 57.6 46.5 69.7

77 65.8 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: 38.47 ng

RT: 8.60 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

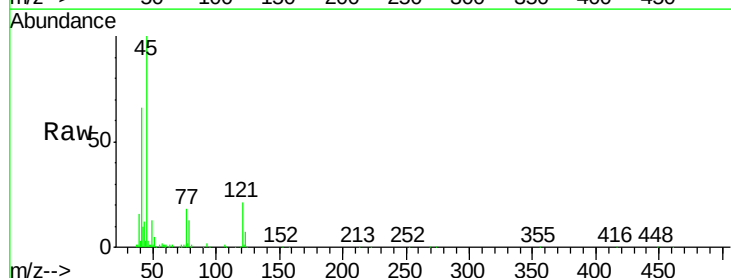
Tgt Ion: 45 Resp: 178574

Ion Ratio Lower Upper

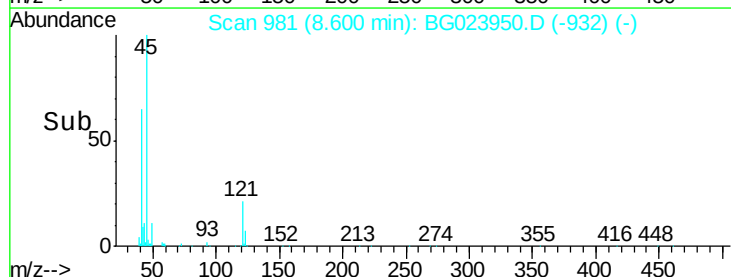
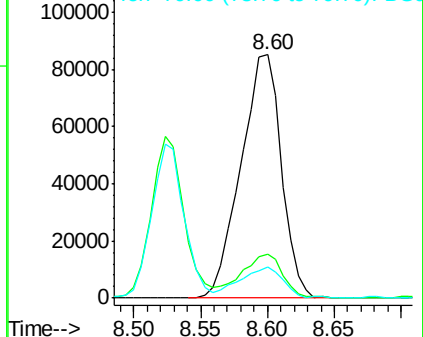
45 100

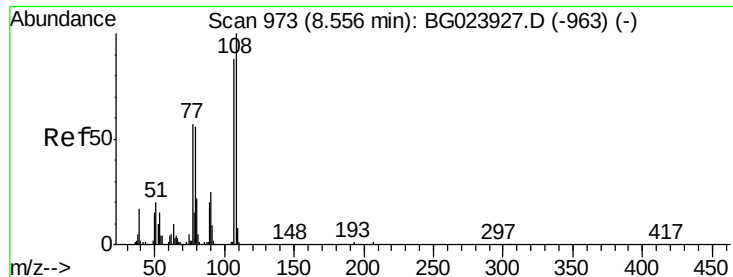
77 18.1 0.6 40.6

79 12.8 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: 45.37 ng

RT: 8.52 min Scan# 968

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 134526

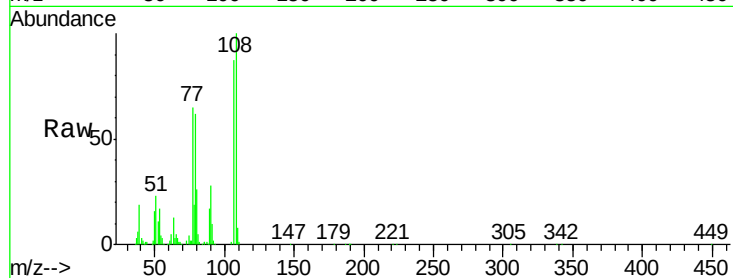
Ion Ratio Lower Upper

107 100

108 114.5 92.0 138.0

77 74.0 55.8 83.6

79 70.9 55.0 82.6

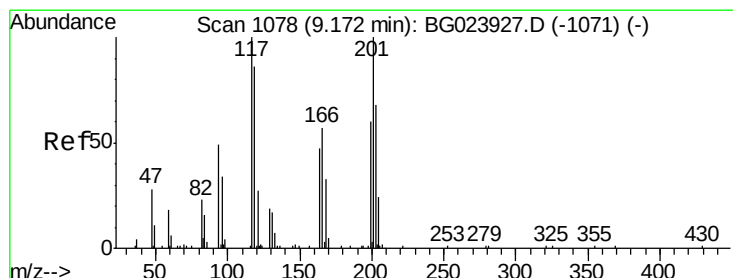
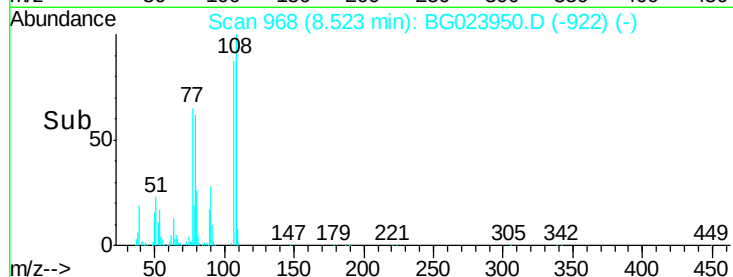
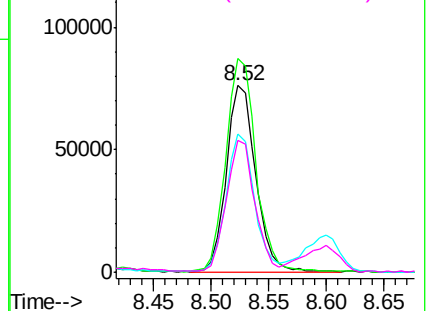


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.00 ng

RT: 9.15 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

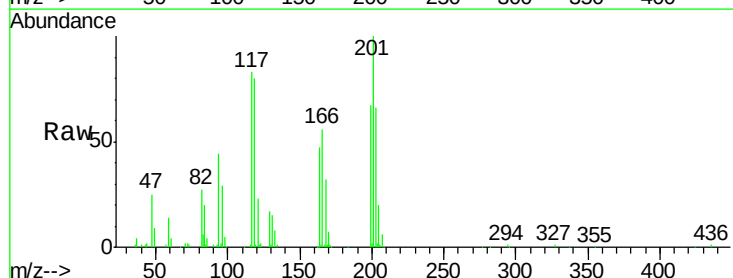
Tgt Ion:117 Resp: 61631

Ion Ratio Lower Upper

117 100

119 97.2 73.7 110.5

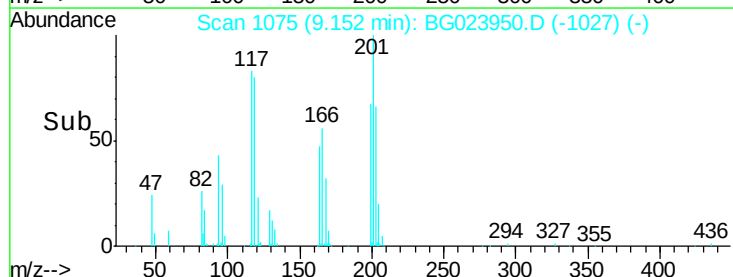
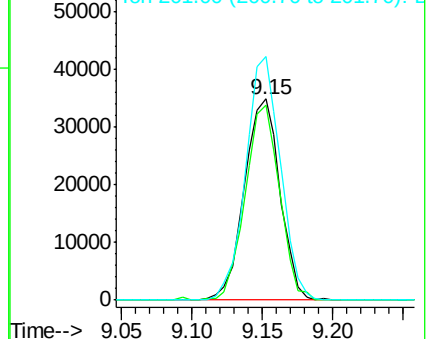
201 121.1 88.7 133.1

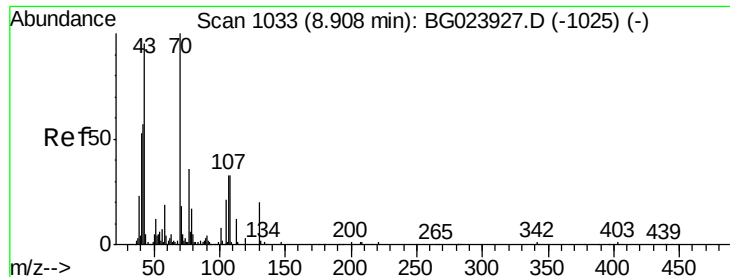


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

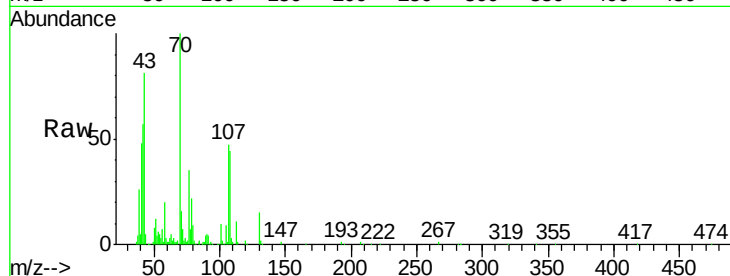




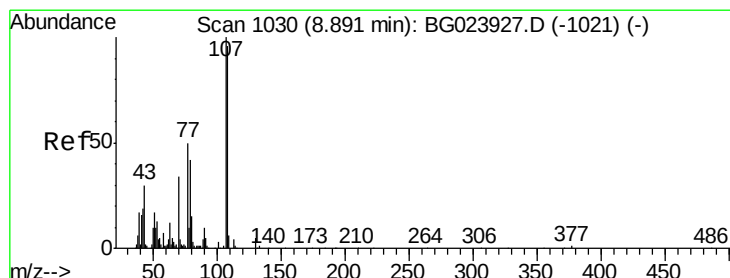
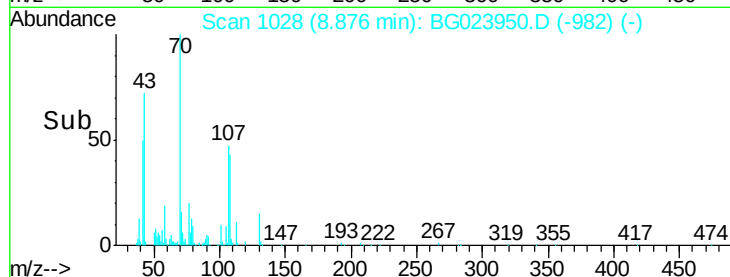
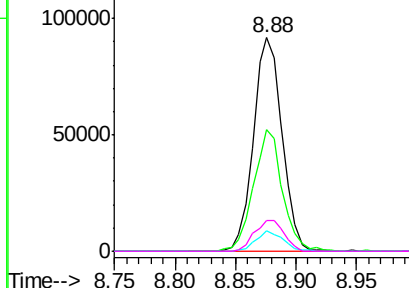
#19
n-Nitroso-di-n-propylamine
Concen: 40.93 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	151275
Ion	Ratio	Lower	Upper
70	100		
42	56.7	42.1	63.1
101	9.5	7.2	10.8
130	14.6	14.2	21.2

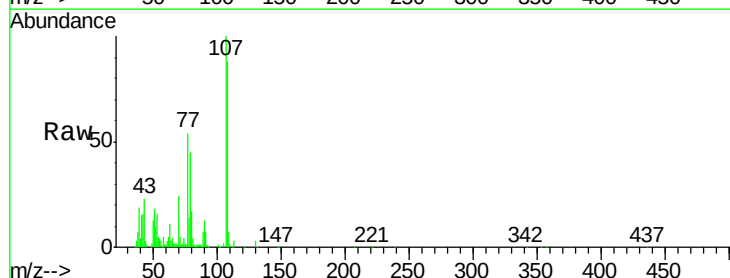


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

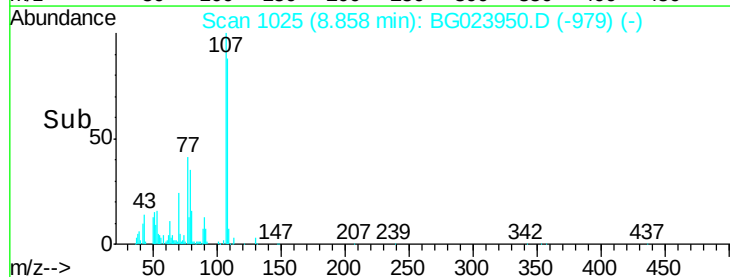
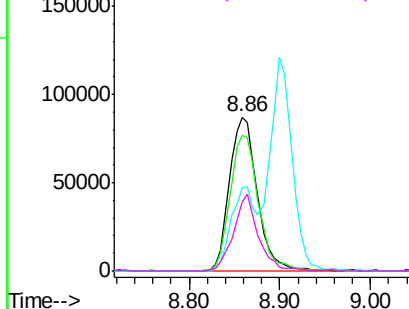


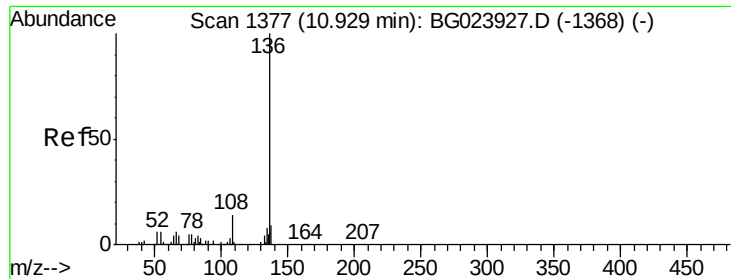
#20
3+4-Methylphenols
Concen: 45.11 ng
RT: 8.86 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion:	107	Resp:	186417
Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.5	112.5
77	53.9	30.1	70.1
79	44.6	24.2	64.2



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

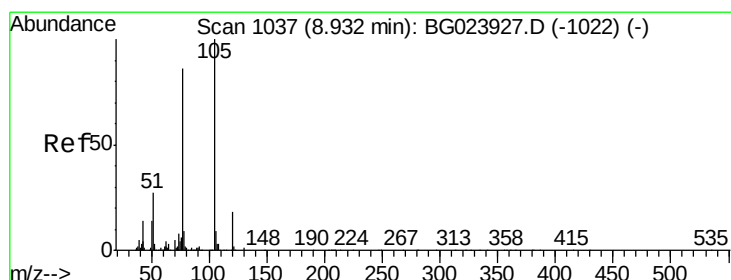
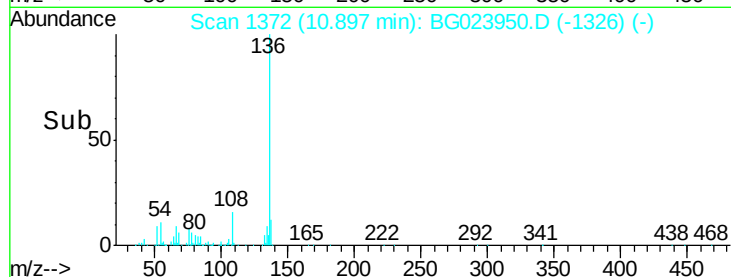
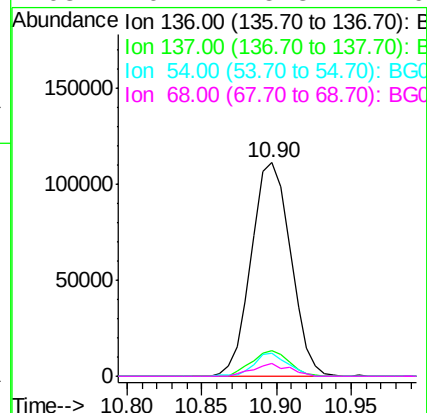
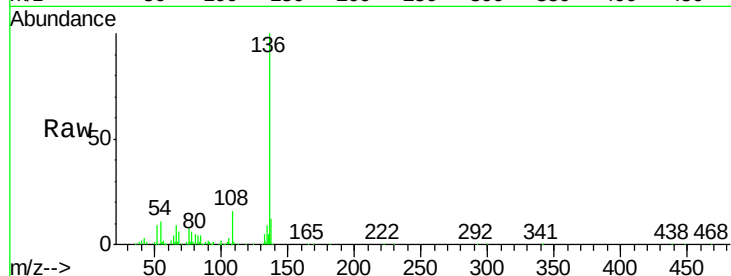




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

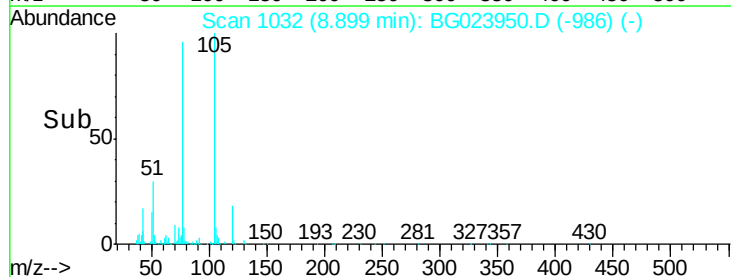
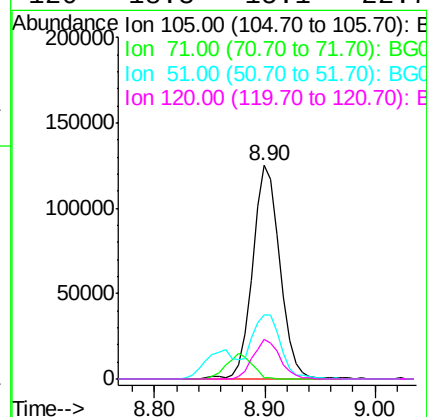
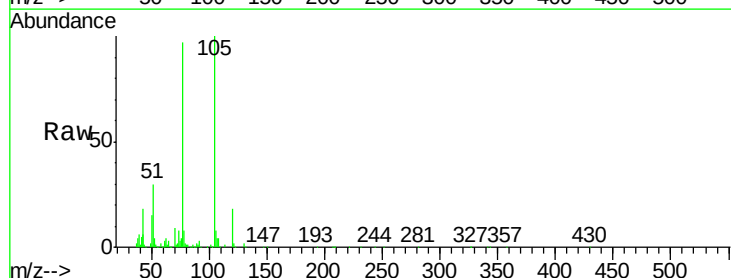
Instrument :
BNA_G
ClientSampleId :

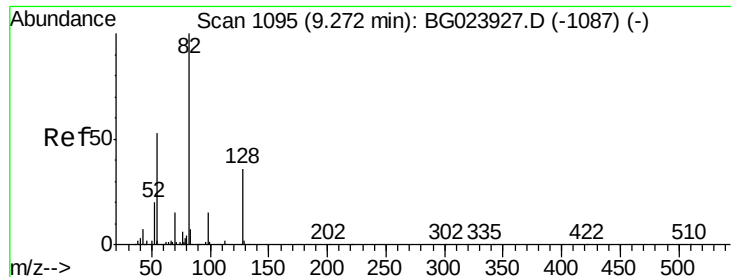
Tot Ion:136	Resp:	202651
Ion Ratio	Lower	Upper
136 100		
137 12.1	9.6	14.4
54 10.6	7.3	10.9
68 6.1	5.3	7.9



#22
Acetophenone
Concen: 41.26 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt	Ion:105	Resp:	216494
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	29.9	27.1	40.7
120	18.3	15.1	22.7

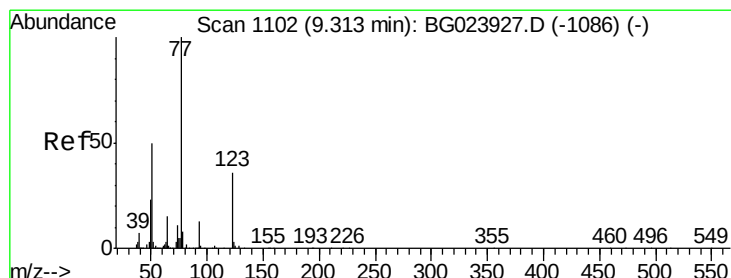
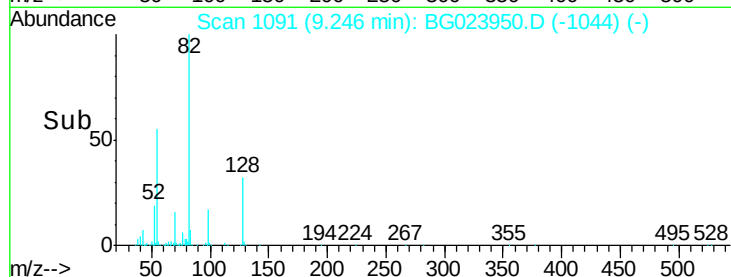
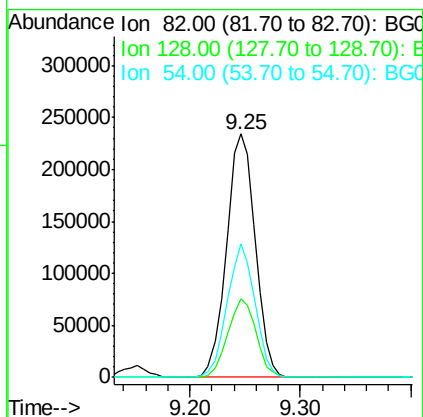
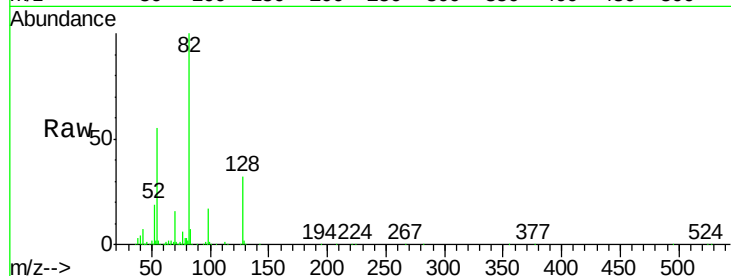




#23
Nitrobenzene-d5
Concen: 93.98 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

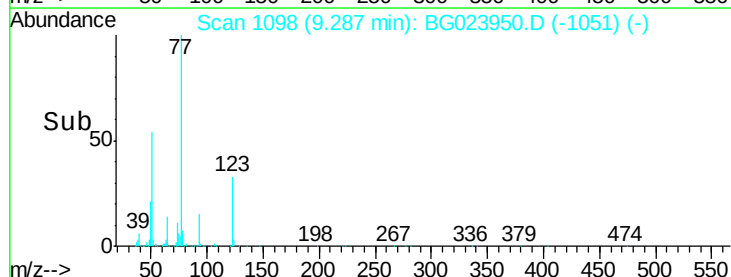
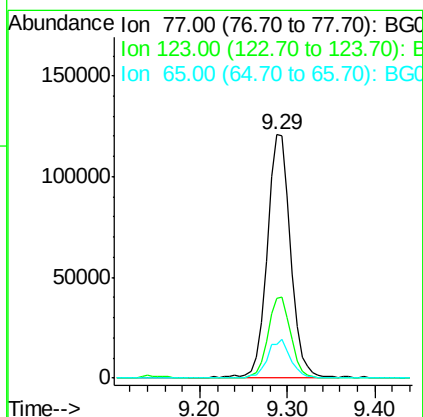
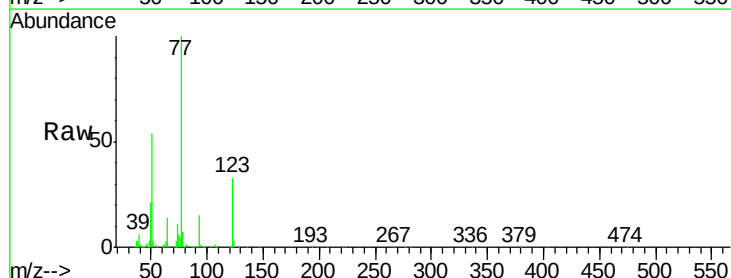
Instrument :
BNA_G
ClientSampleId :

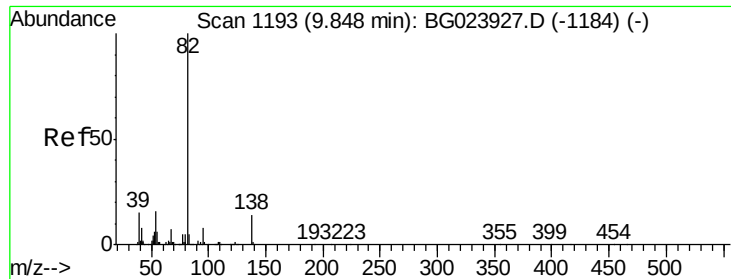
Tot Ion	82	Resp	426609
Ion Ratio	100	Lower	Upper
128	32.5	24.4	36.6
54	54.9	41.4	62.0



#24
Nitrobenzene
Concen: 46.09 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion	77	Resp	224986
Ion Ratio	100	Lower	Upper
123	32.5	25.0	37.6
65	14.1	13.4	20.0

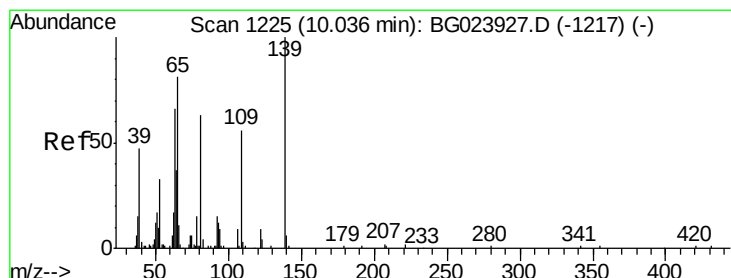
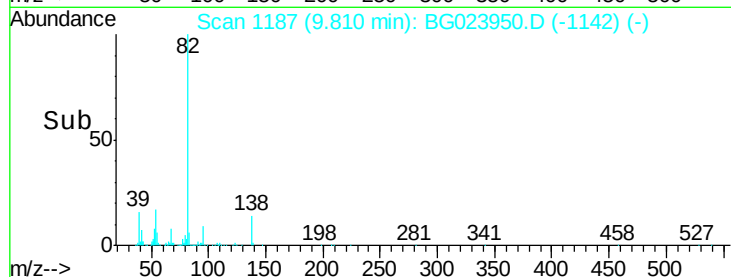
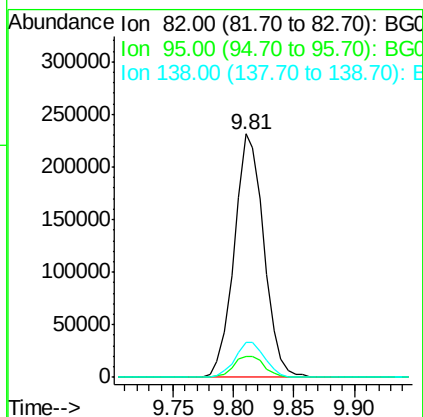
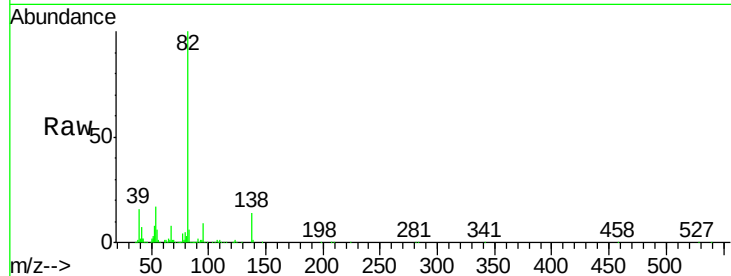




#25
Isophorone
Concen: 44.86 ng
RT: 9.81 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

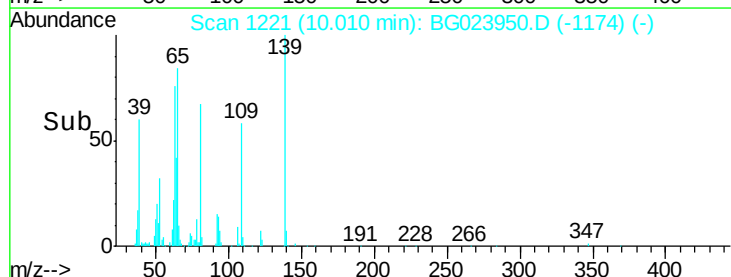
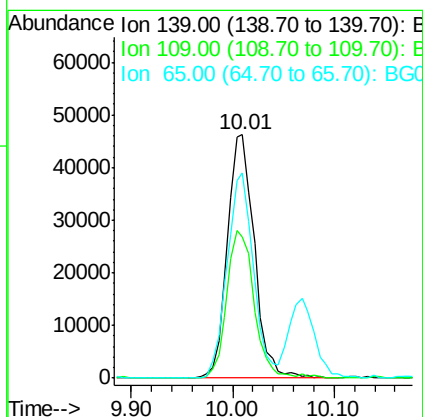
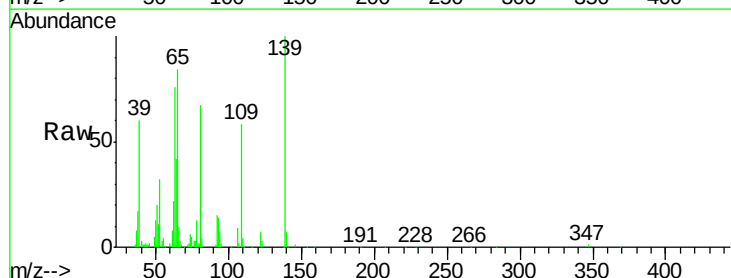
Instrument :
BNA_G
ClientSampleId :

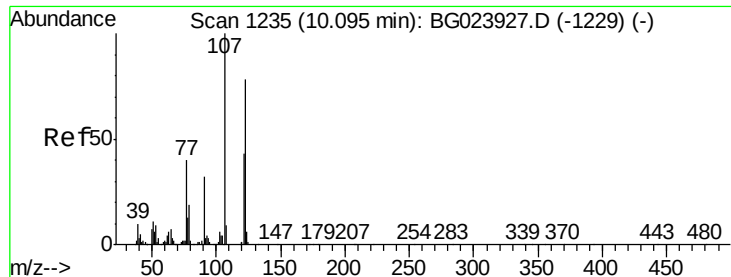
Tot Ion	82	Resp	394888
Ion	Ratio	Lower	Upper
82	100		
95	8.8	8.2	12.2
138	14.4	10.7	16.1



#26
2-Nitrophenol
Concen: 46.09 ng
RT: 10.01 min Scan# 1221
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion	139	Resp	85522
Ion	Ratio	Lower	Upper
139	100		
109	58.1	43.5	65.3
65	84.1	64.3	96.5

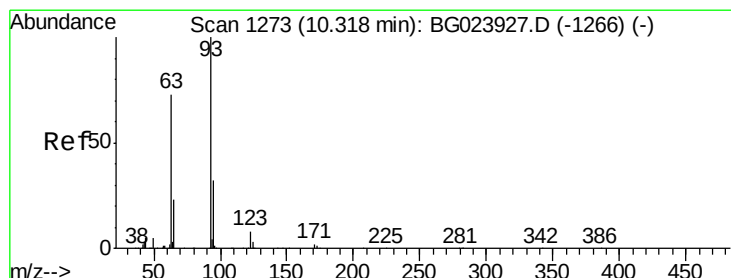
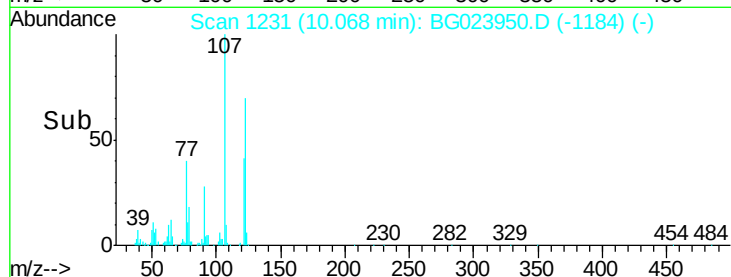
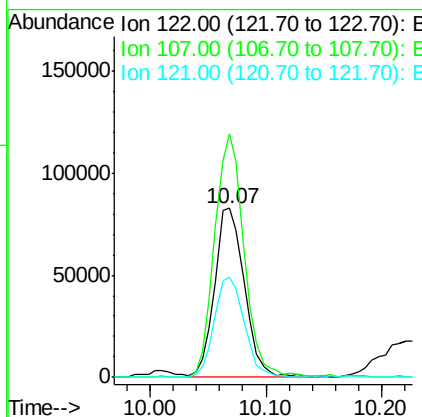
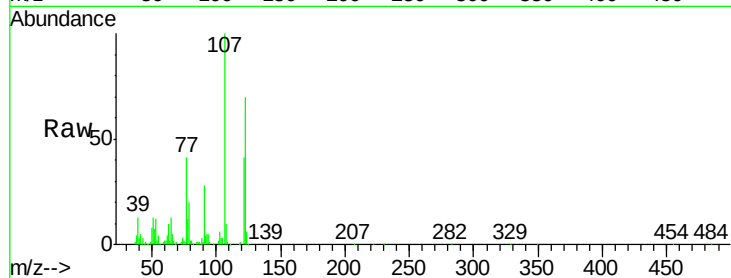




#27
 2,4-Dimethylphenol
 Concen: 46.84 ng
 RT: 10.07 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

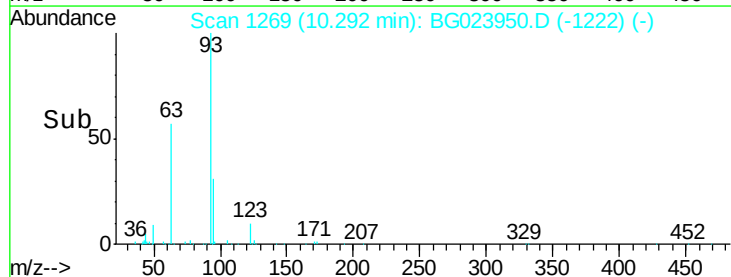
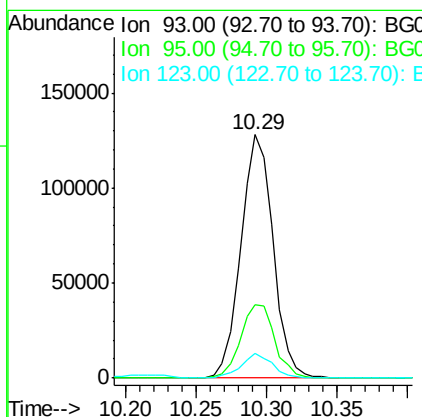
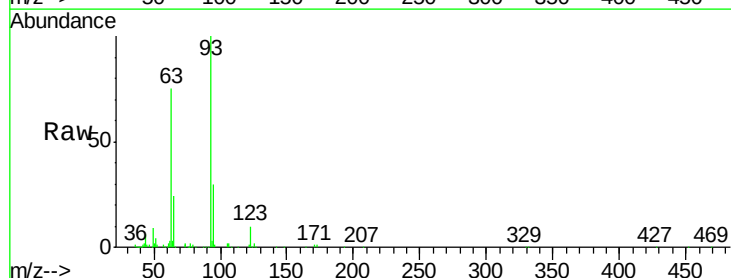
Instrument :
 BNA_G
 ClientSampleId :

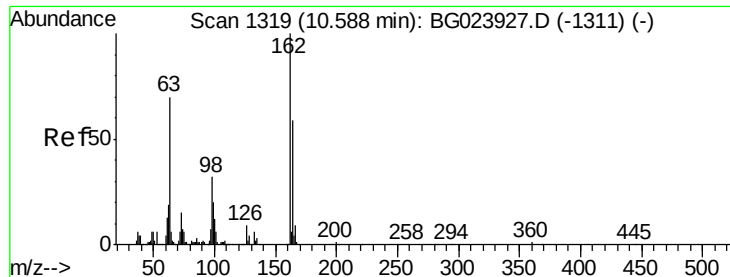
Tot Ion	122	Resp	147707
Ion	Ratio	Lower	Upper
122	100		
107	143.8	117.0	175.4
121	59.5	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.99 ng
 RT: 10.29 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Tgt Ion	93	Resp	204395
Ion	Ratio	Lower	Upper
93	100		
95	30.3	25.4	38.2
123	10.1	8.2	12.2

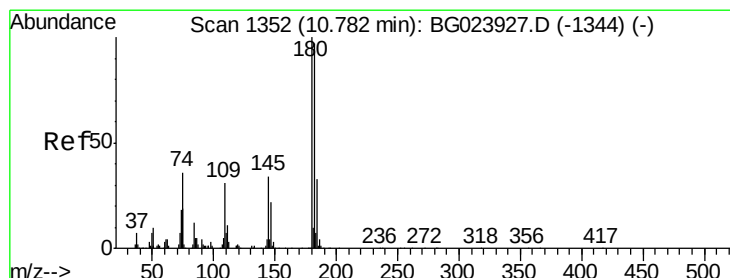
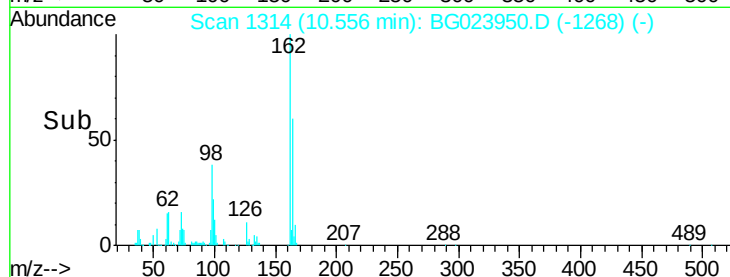
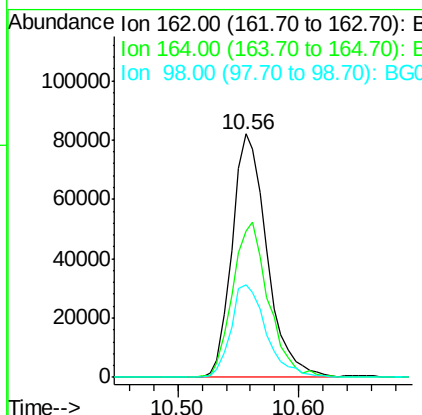
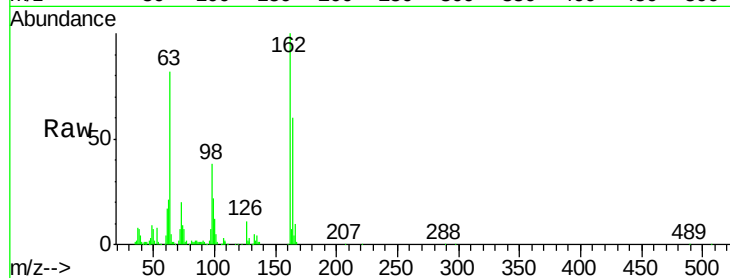




#29
 2,4-Dichlorophenol
 Concen: 49.38 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

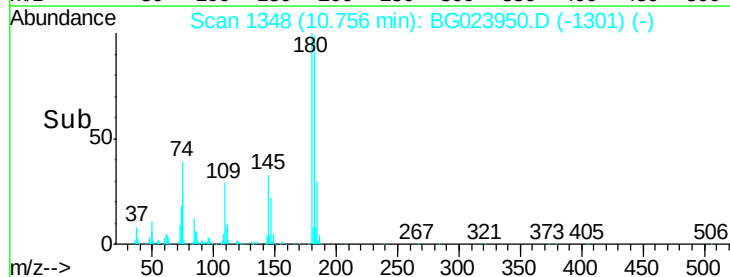
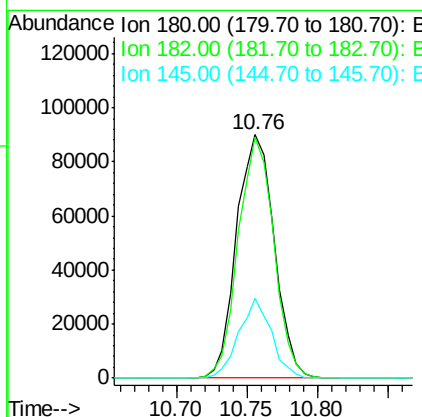
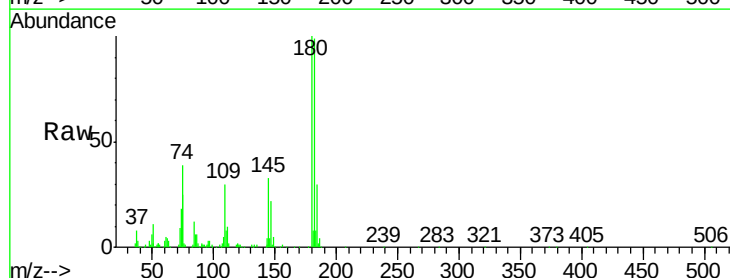
Instrument :
 BNA_G
 ClientSampleId :

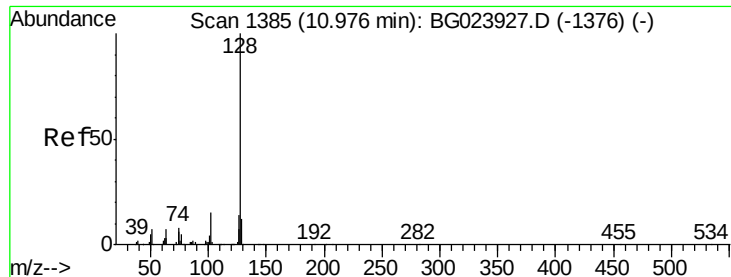
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.9	44.3	84.3
98	37.8	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 45.74 ng
 RT: 10.76 min Scan# 1348
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	73.8	110.8
145	32.5	24.4	36.6

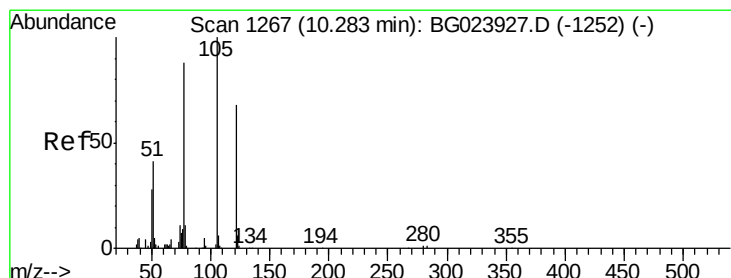
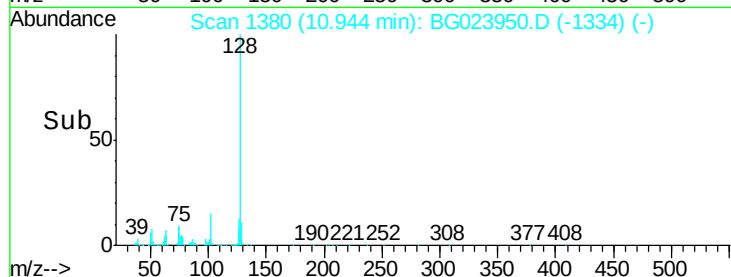
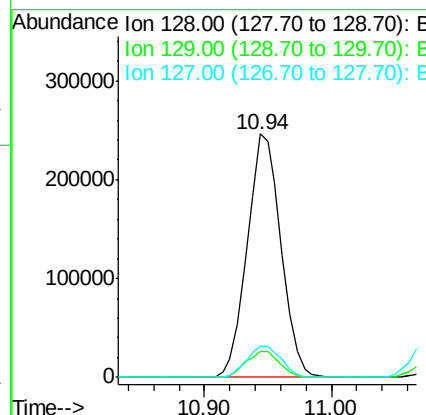
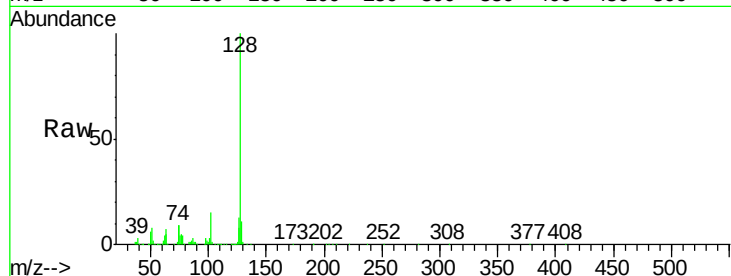




#31
Naphthalene
Concen: 43.41 ng
RT: 10.94 min Scan# 1380
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

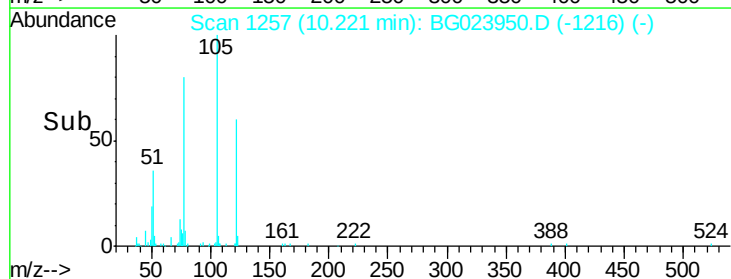
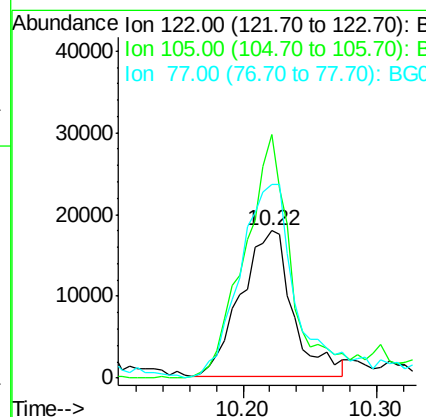
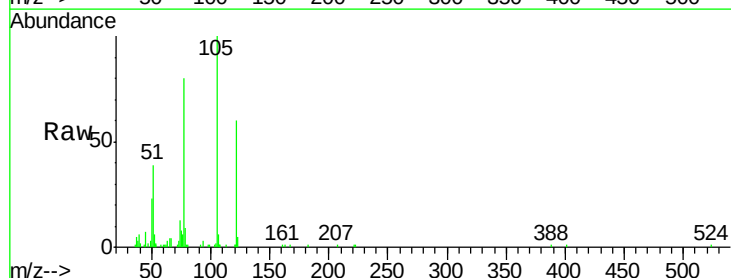
Instrument :
BNA_G
ClientSampleId :

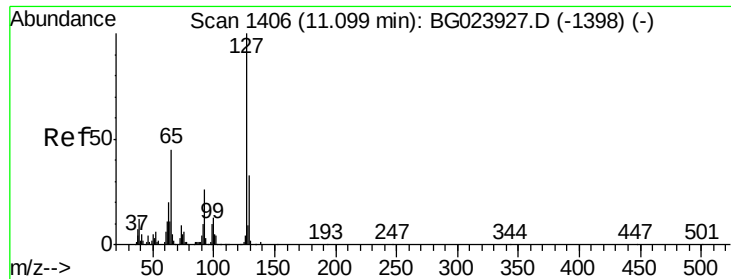
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.0
127	13.0	11.3	16.9



#32
Benzoic acid
Concen: 18.72 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.06 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	165.6	117.2	157.2#
77	132.0	109.2	149.2

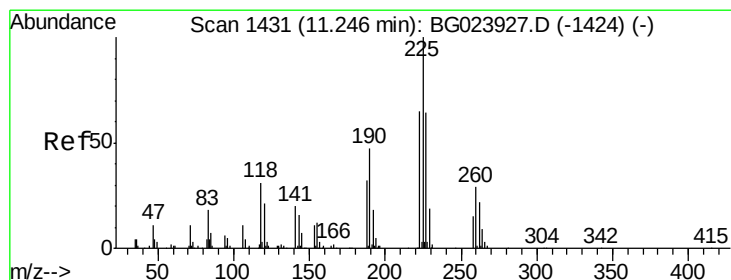
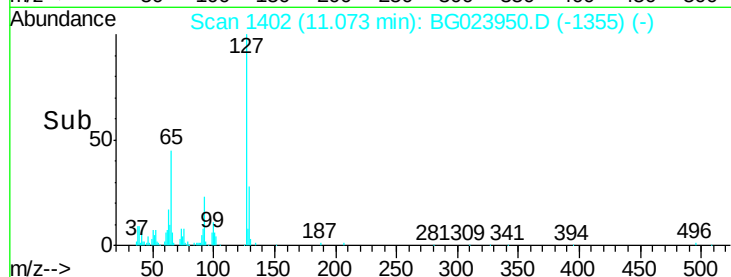
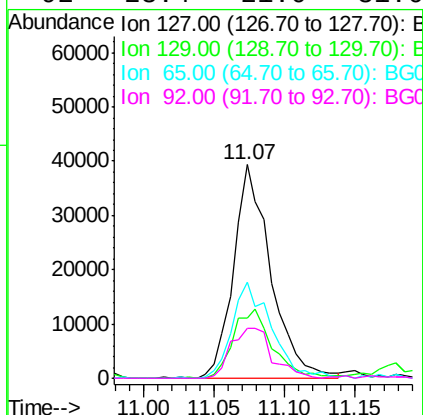
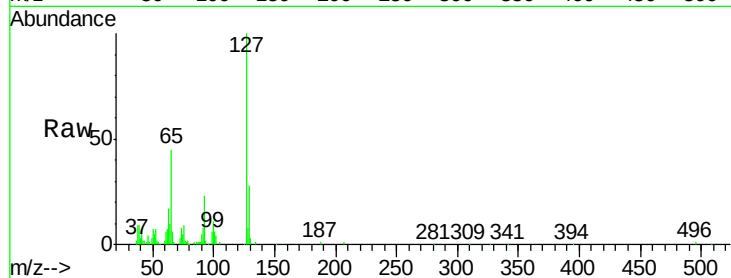




#33
4-Chloroaniline
Concen: 16.68 ng
RT: 11.07 min Scan# 1402
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

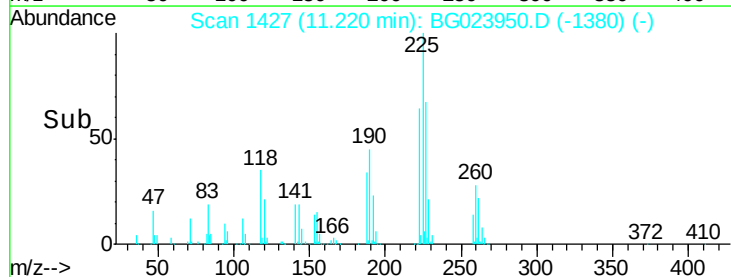
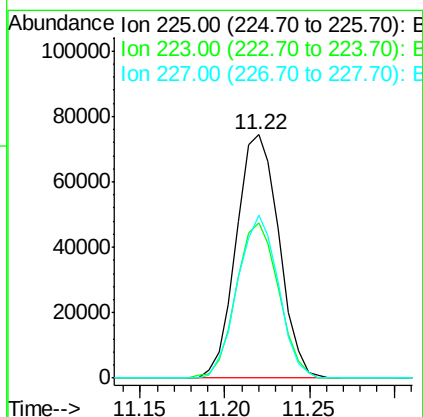
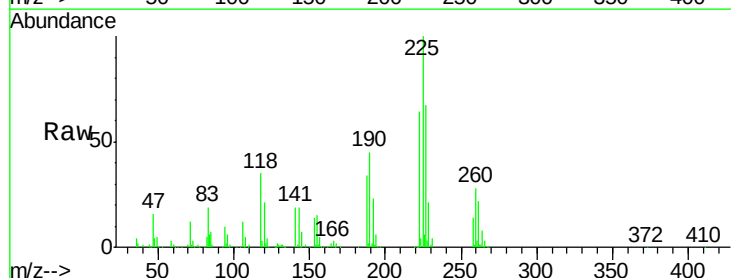
Instrument :
BNA_G
ClientSampleId :

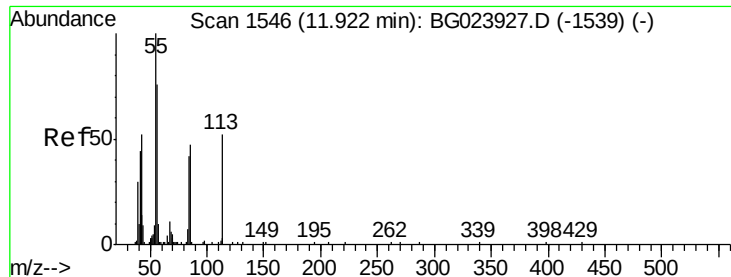
Tot Ion:127	Resp:	72737
Ion Ratio	Lower	Upper
127 100		
129 28.4	27.9	41.9
65 45.1	36.8	55.2
92 23.4	21.0	31.6



#34
Hexachlorobutadiene
Concen: 47.32 ng
RT: 11.22 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion	225	Resp: Lower	130234 Upper
	Ratio		
225	100		
223	63.8	49.6	74.4
227	66.9	54.5	81.7





#35

Caprolactam

Concen: 17.34 ng

RT: 11.88 min Scan# 1540

Delta R.T. -0.04 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

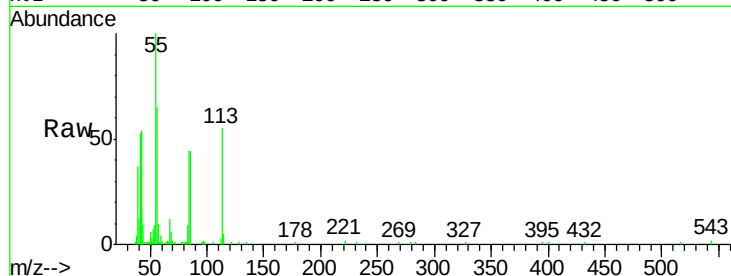
Tot Ion:113 Resp: 20419

Ion Ratio Lower Upper

113 100

55 181.6 154.5 194.5

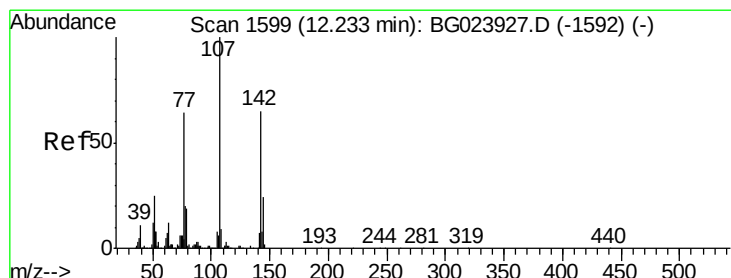
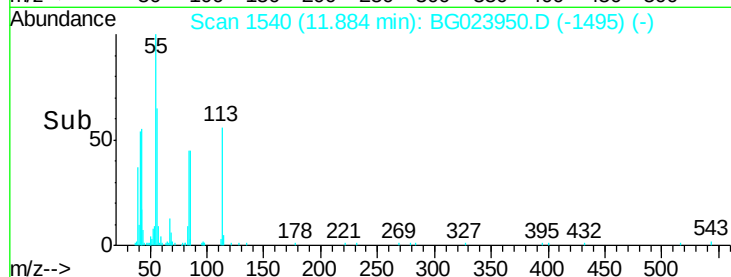
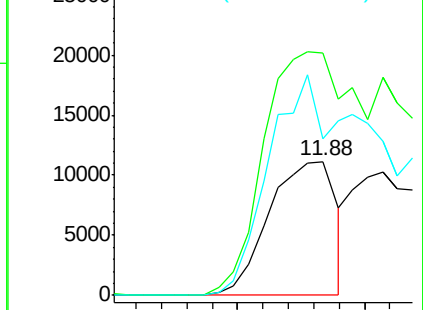
56 117.3 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.58 ng

RT: 12.21 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

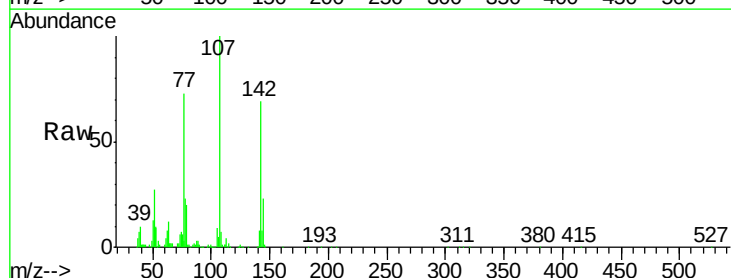
Tgt Ion:107 Resp: 203504

Ion Ratio Lower Upper

107 100

144 23.2 17.0 25.6

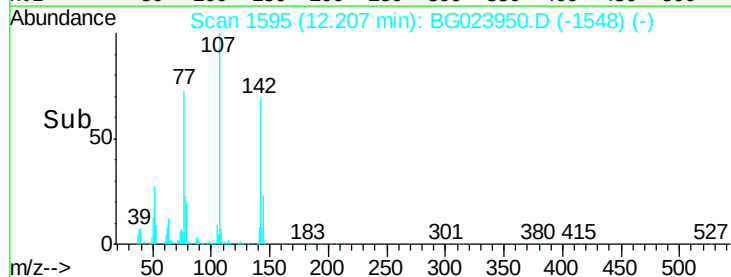
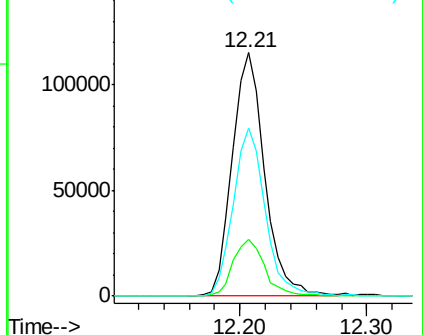
142 69.0 53.0 79.6

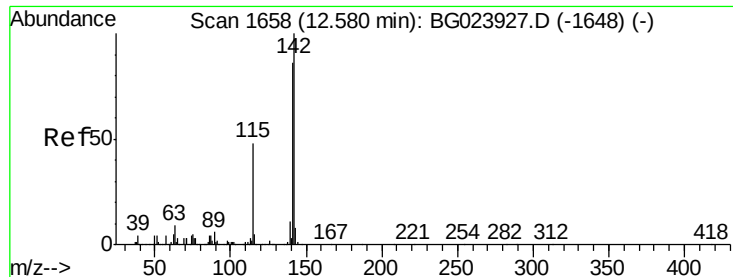


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

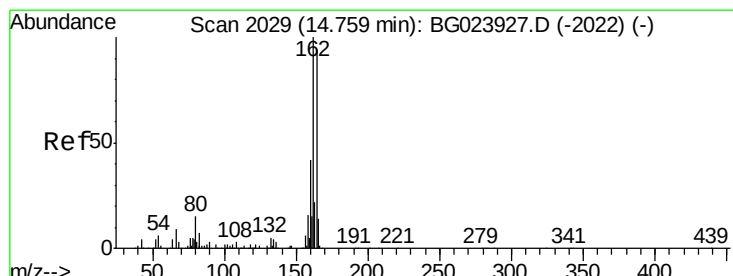
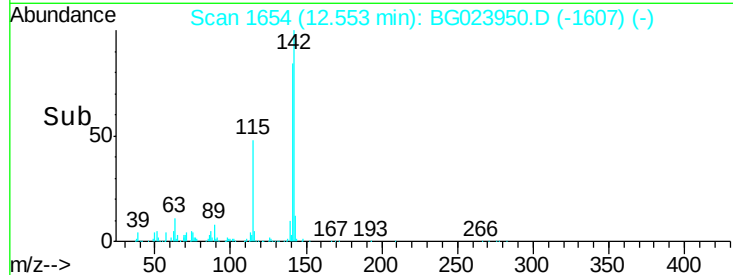
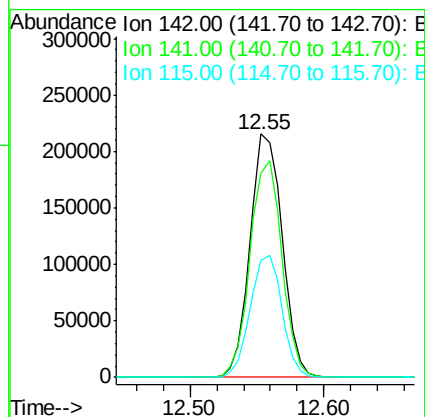
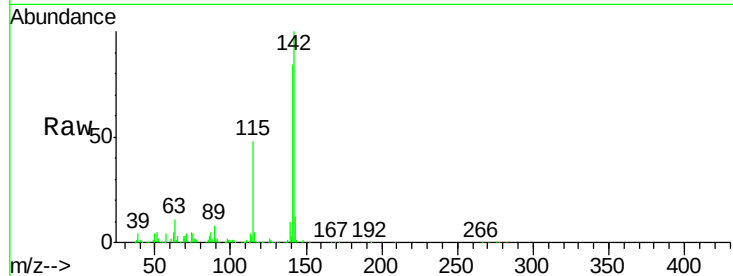




#37
 2-Methylnaphthalene
 Concen: 45.18 ng
 RT: 12.55 min Scan# 1654
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

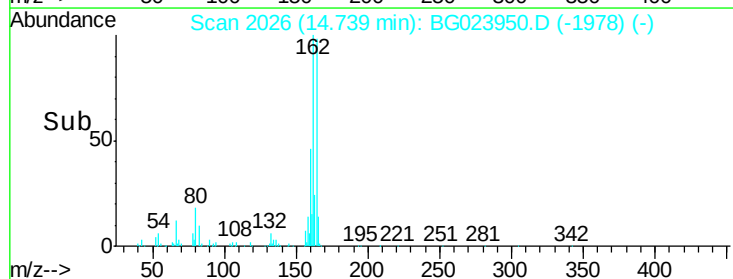
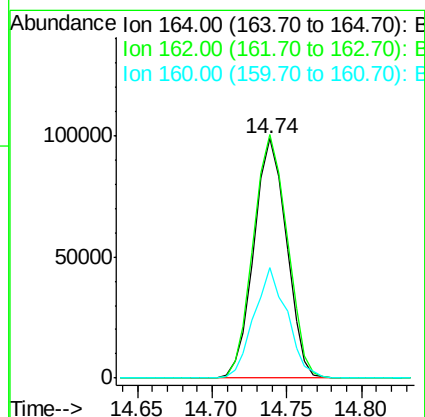
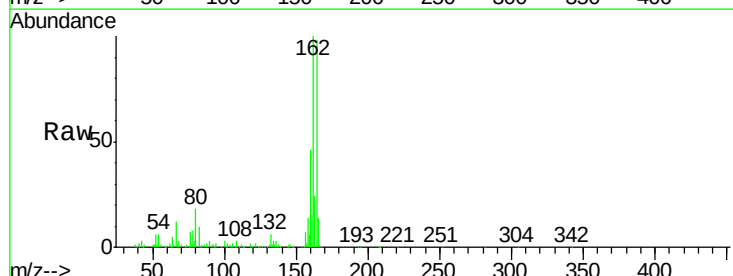
Instrument :
 BNA_G
 ClientSampleId :

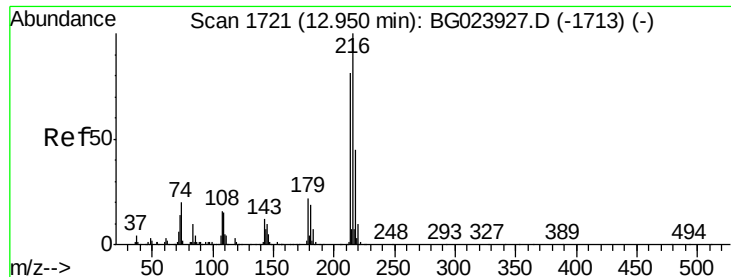
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.7	70.2	105.2
115	48.3	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	87.7	131.5
160	46.4	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.39 ng

RT: 12.92 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 200208

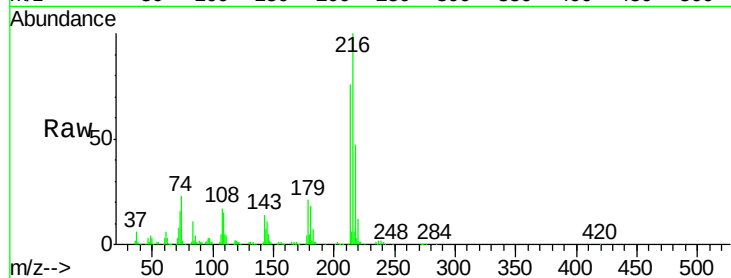
Ion Ratio Lower Upper

216 100

214 78.4 62.9 94.3

179 20.6 17.2 25.8

108 21.6 16.3 24.5

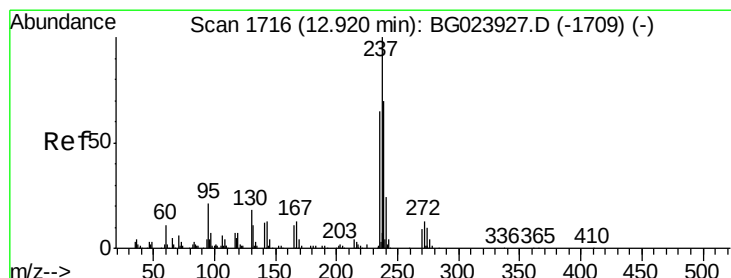
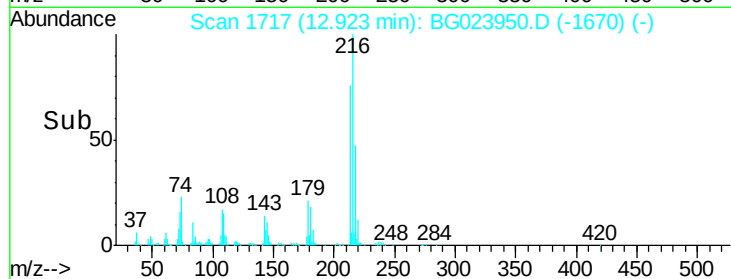
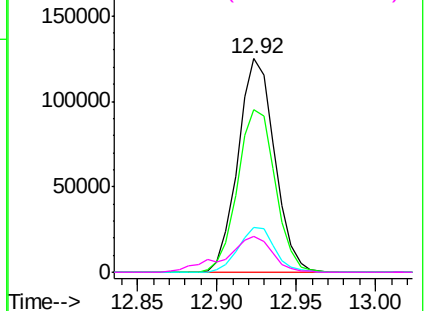


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.71 ng

RT: 12.89 min Scan# 1712

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

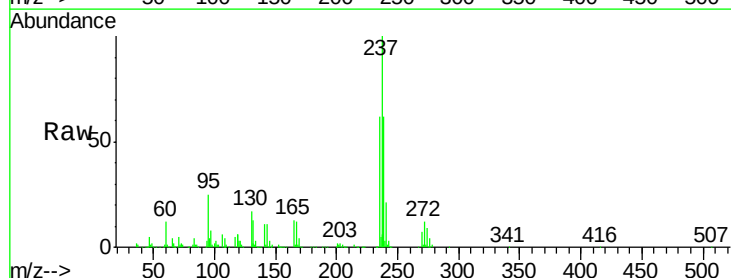
Tgt Ion:237 Resp: 267516

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

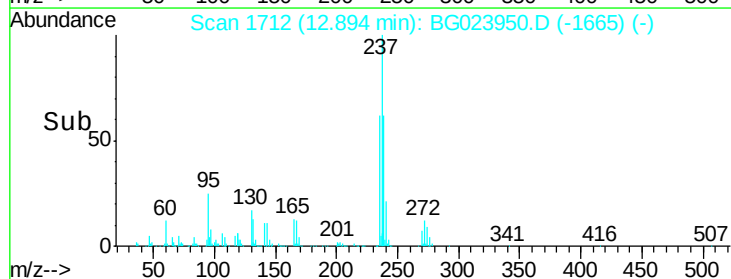
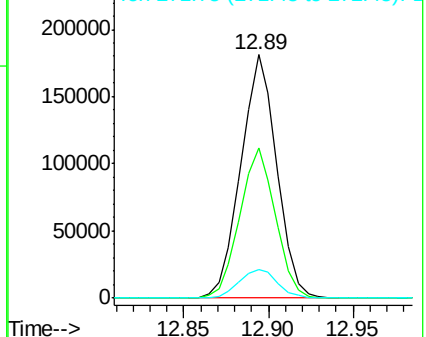
272 11.7 0.0 30.9

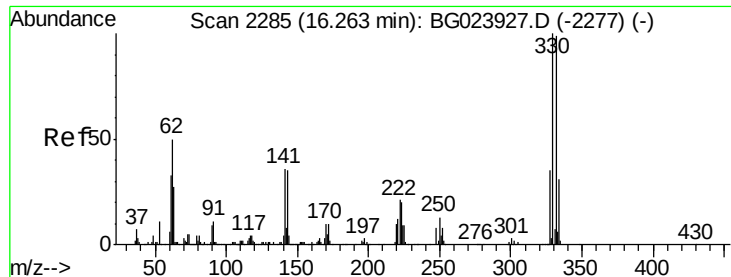


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 124.66 ng

RT: 16.24 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampled :

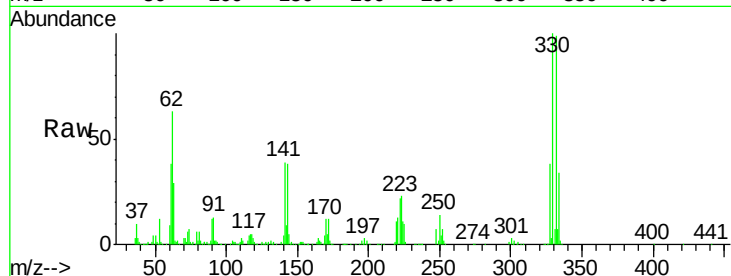
Tot Ion:330 Resp: 335439

Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.2

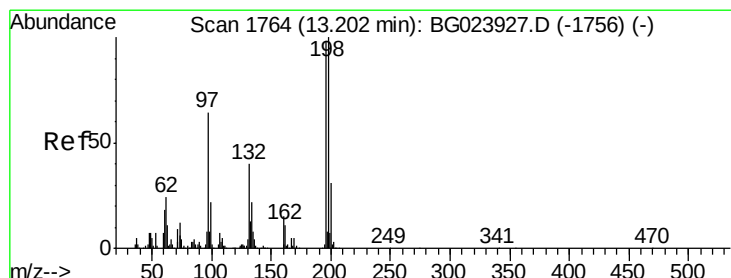
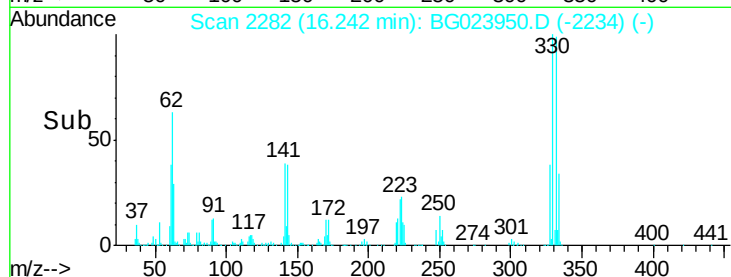
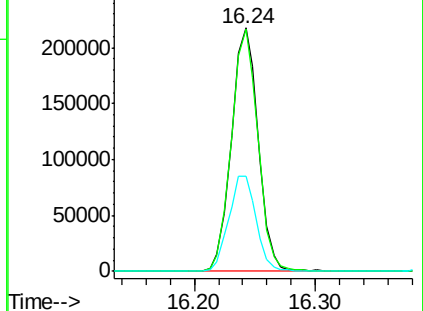
141 40.2 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.38 ng

RT: 13.18 min Scan# 1760

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

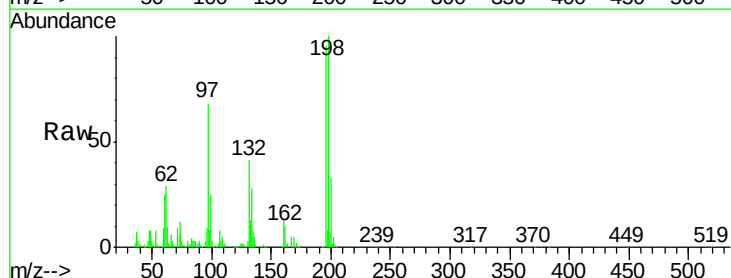
Tgt Ion:196 Resp: 150106

Ion Ratio Lower Upper

196 100

198 104.9 78.2 117.2

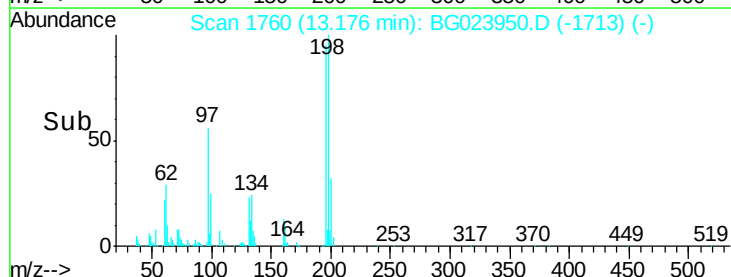
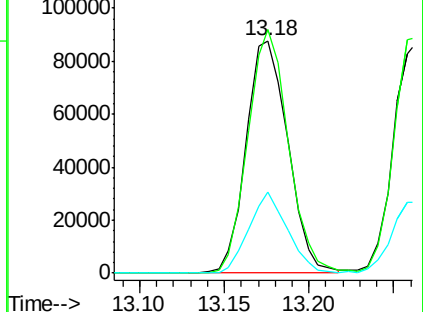
200 34.8 27.0 40.4

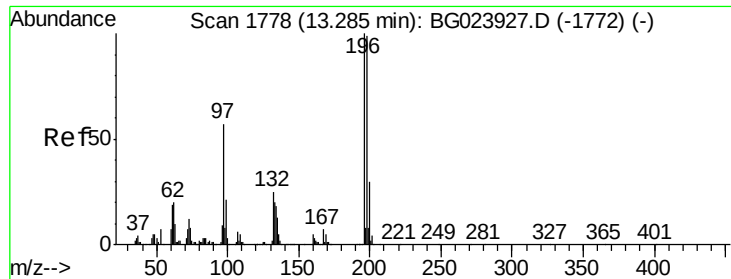


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

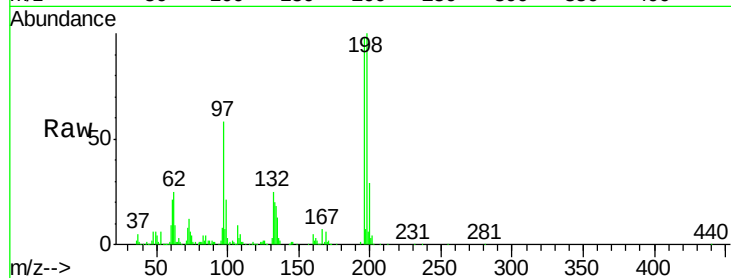




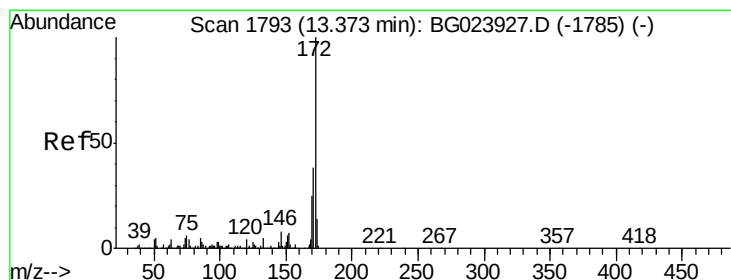
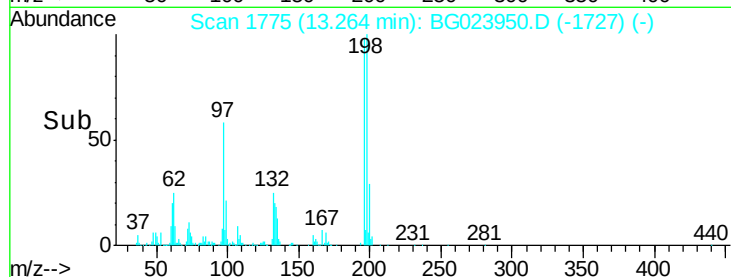
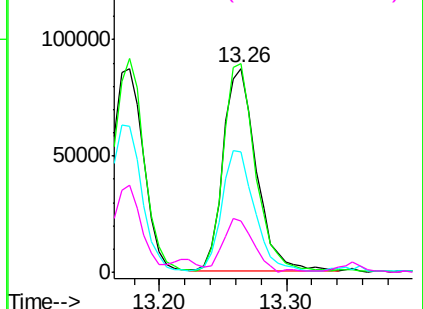
#43
2,4,5-Trichlorophenol
Concen: 47.18 ng
RT: 13.26 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	102.2	85.7	128.5
97	58.9	45.5	68.3
132	25.1	18.9	28.3

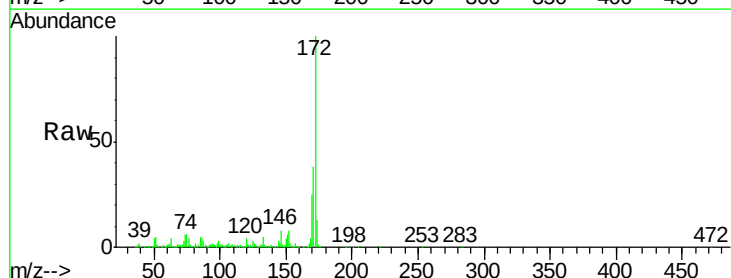


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

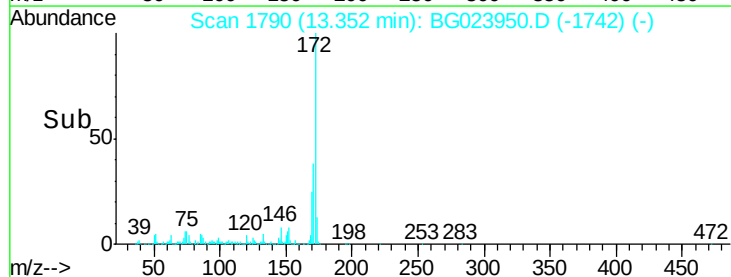
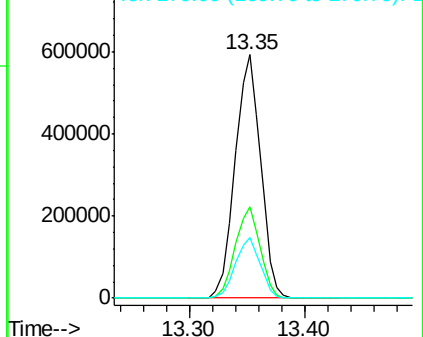


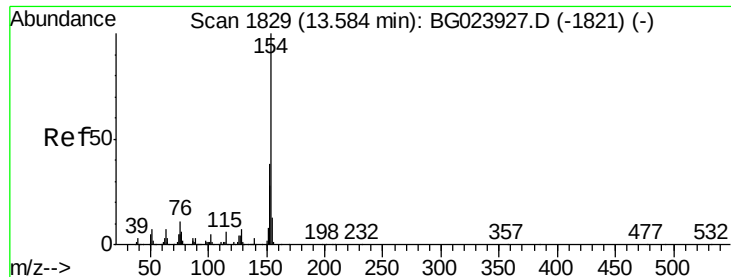
#44
2-Fluorobiphenyl
Concen: 86.68 ng
RT: 13.35 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.6	47.4
170	25.1	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: 36.66 ng

RT: 13.56 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

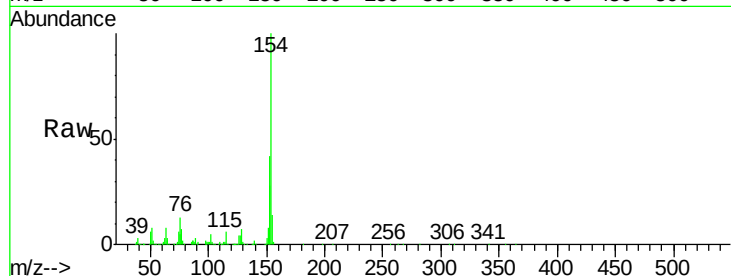
Tot Ion:154 Resp: 440441

Ion Ratio Lower Upper

154 100

153 42.0 20.2 60.2

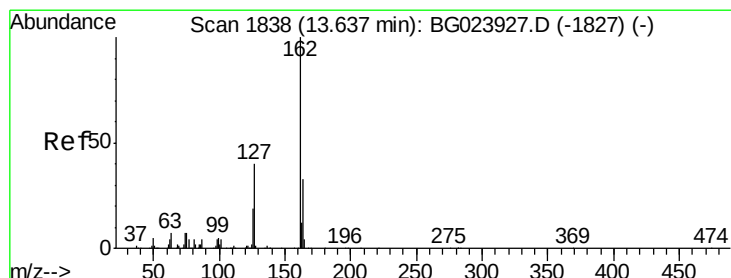
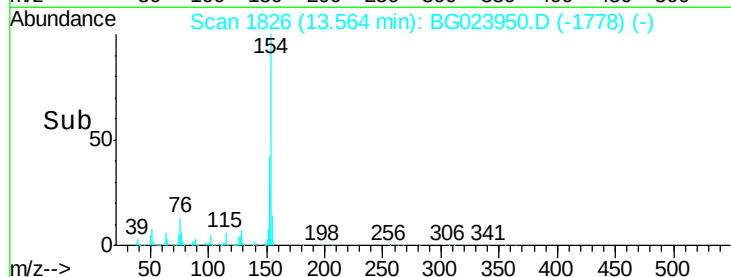
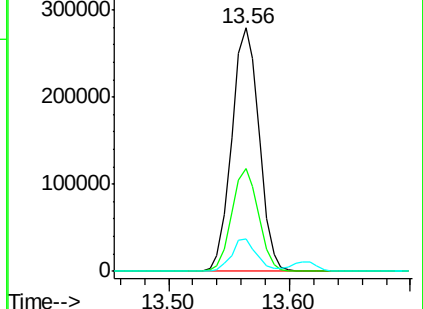
76 13.2 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 43.54 ng

RT: 13.61 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

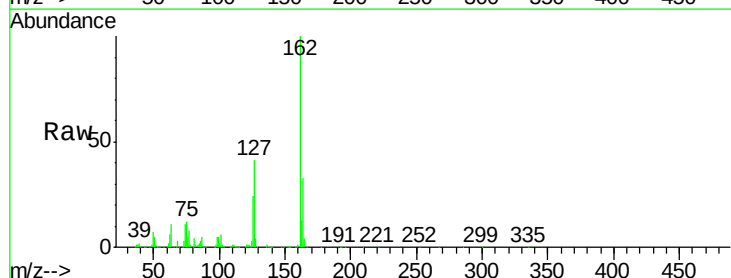
Tgt Ion:162 Resp: 384008

Ion Ratio Lower Upper

162 100

127 40.9 32.4 48.6

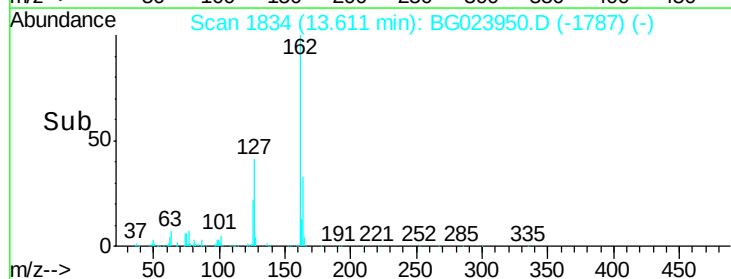
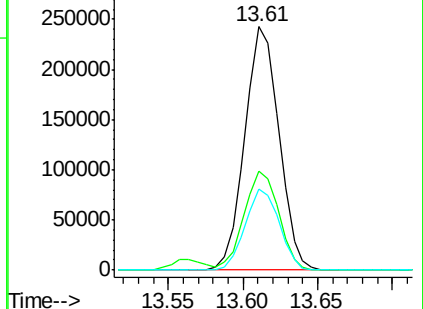
164 33.2 25.2 37.8

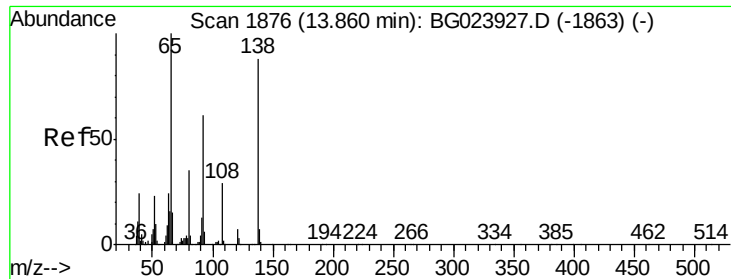


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.55 ng

RT: 13.83 min Scan# 1872

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

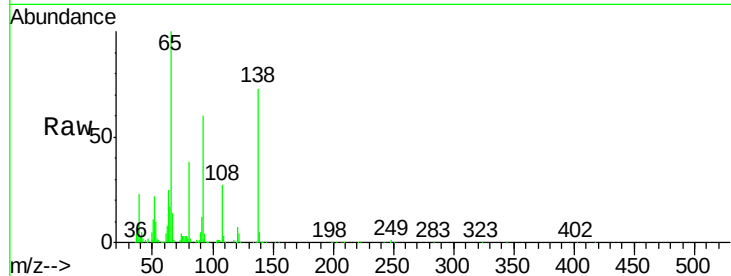
Tot Ion: 65 Resp: 175616

Ion	Ratio	Lower	Upper
65	100		
92	59.9	49.4	74.0
138	73.0	58.0	87.0

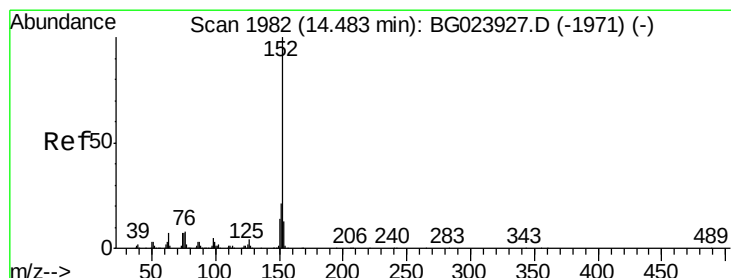
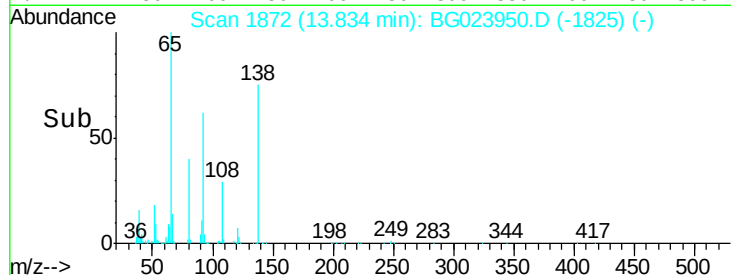
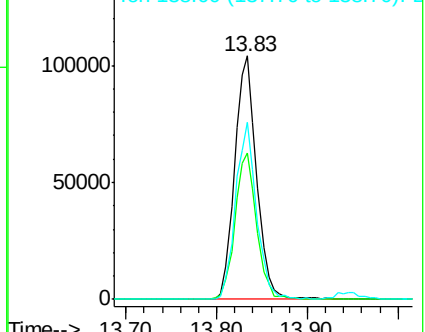
65 100

92 59.9 49.4 74.0

138 73.0 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: 42.34 ng

RT: 14.46 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

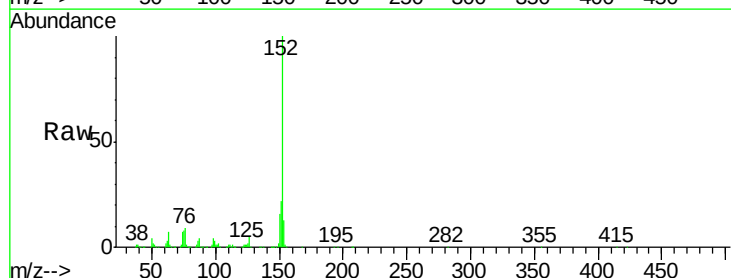
Tgt Ion: 152 Resp: 622417

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.6	26.4
153	13.1	11.4	17.2

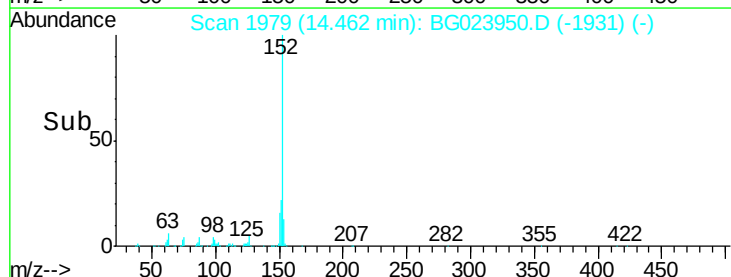
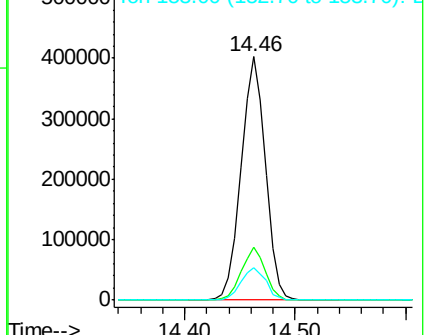
152 100

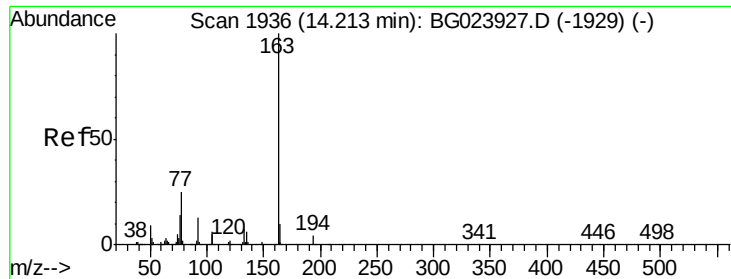
151 21.6 17.6 26.4

153 13.1 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: 42.95 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG023950.D

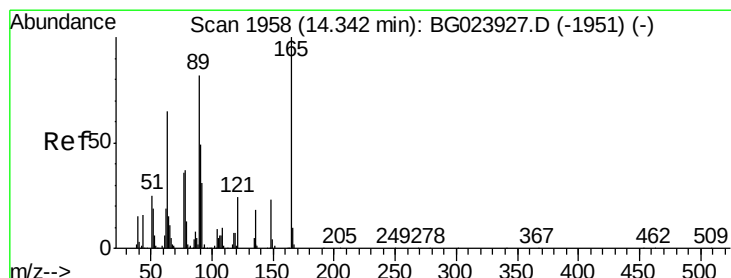
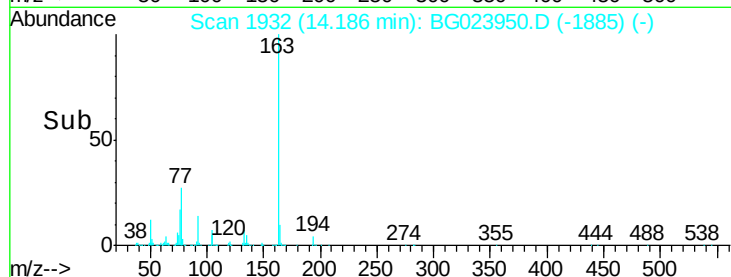
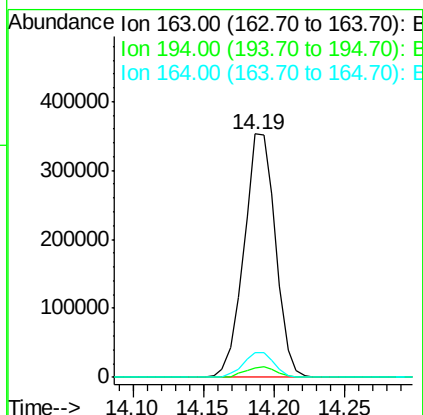
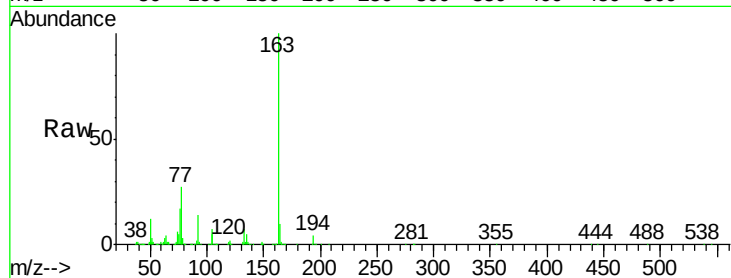
Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	550070
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.6 5.4
164	10.0	8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 44.55 ng

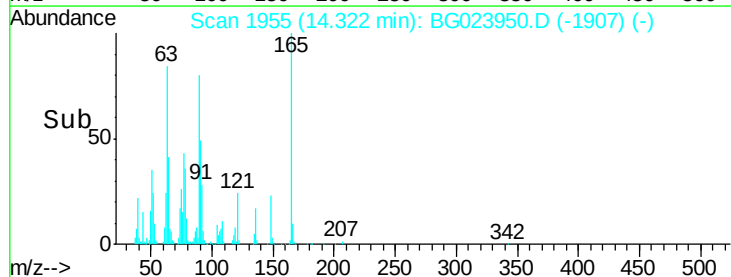
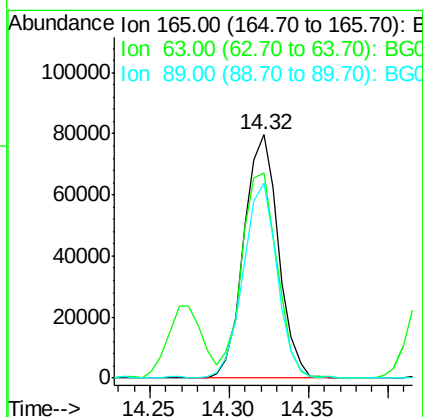
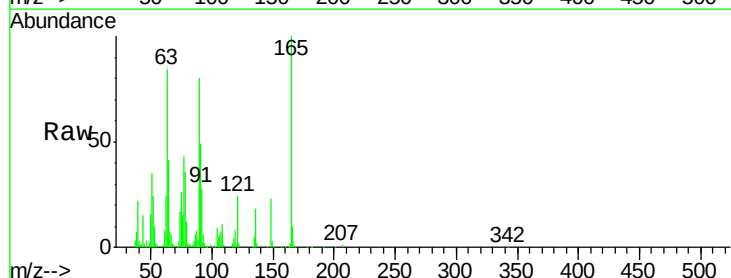
RT: 14.32 min Scan# 1955

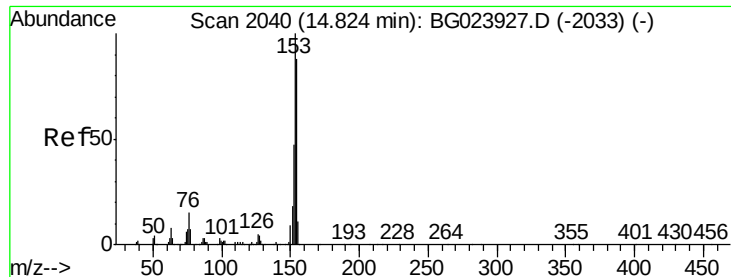
Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Tgt Ion:165	Resp:	120426
Ion Ratio	Lower	Upper
165	100	
63	84.5	64.3 96.5
89	80.1	64.3 96.5





#51

Acenaphthene

Concen: 42.10 ng

RT: 14.80 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

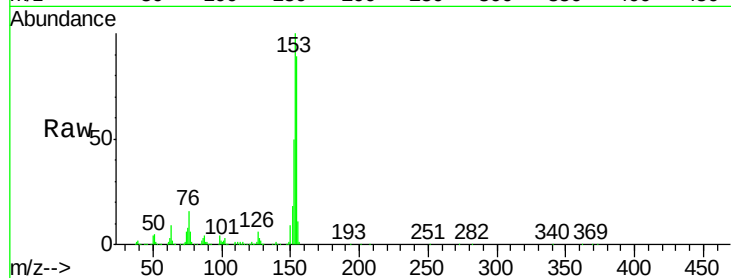
Tot Ion:154 Resp: 382620

Ion Ratio Lower Upper

154 100

153 112.0 87.5 131.3

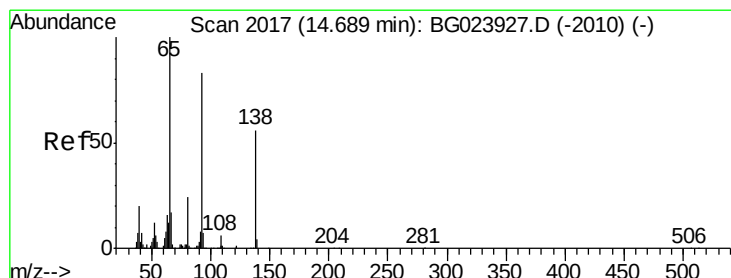
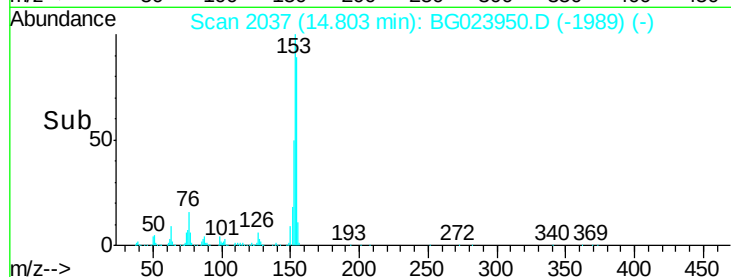
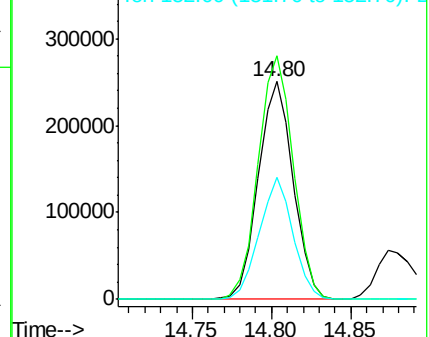
152 56.4 42.7 64.1



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: 23.49 ng

RT: 14.66 min Scan# 2013

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

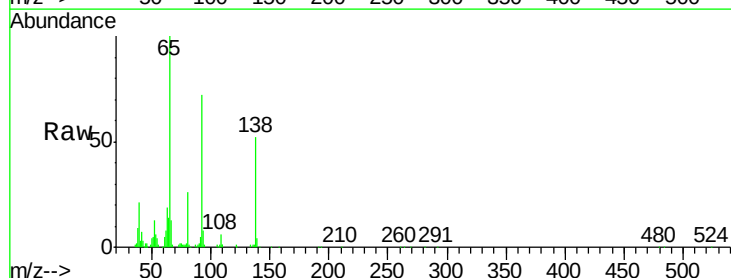
Tgt Ion:138 Resp: 59412

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

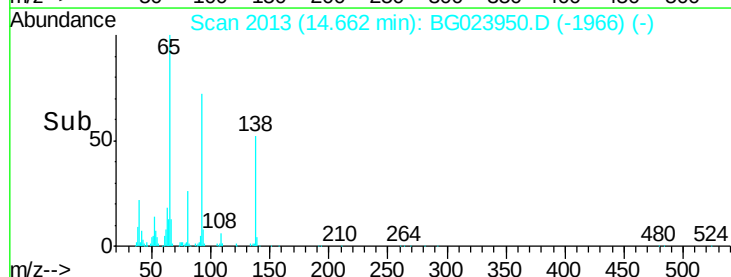
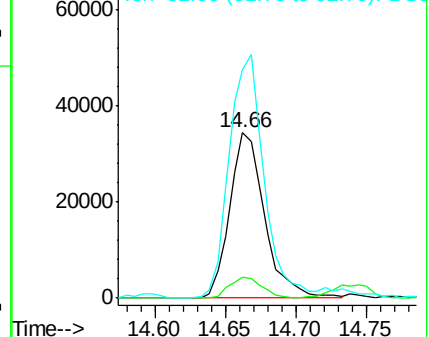
92 138.3 129.7 194.5

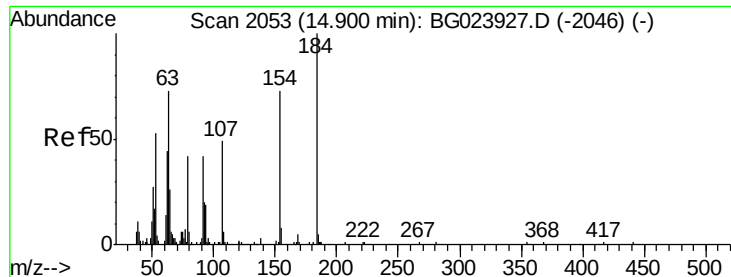


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

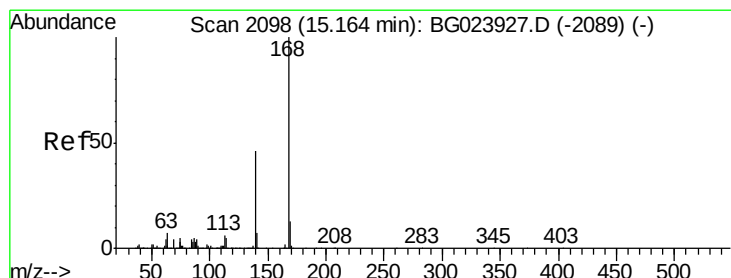
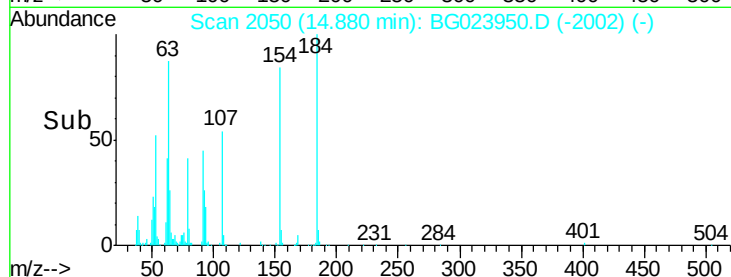
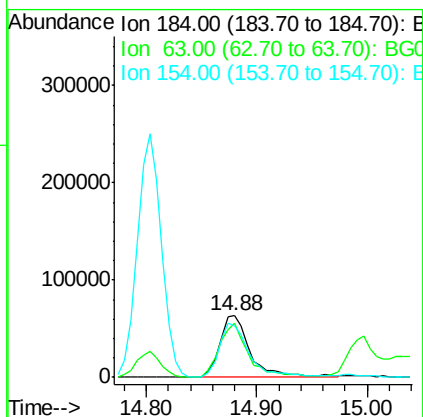
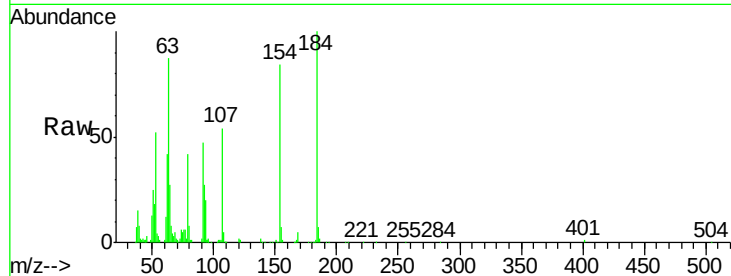




#53
2,4-Dinitrophenol
Concen: 63.61 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

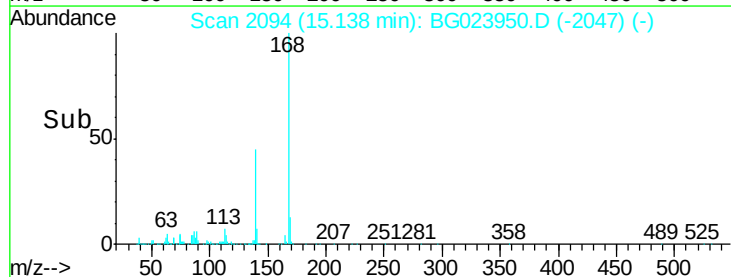
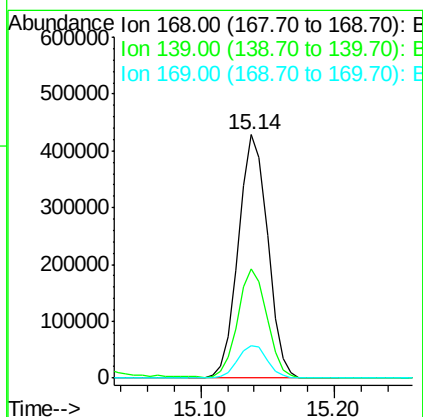
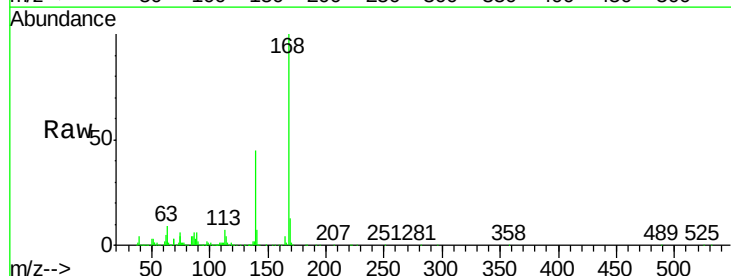
Instrument :
BNA_G
ClientSampleId :

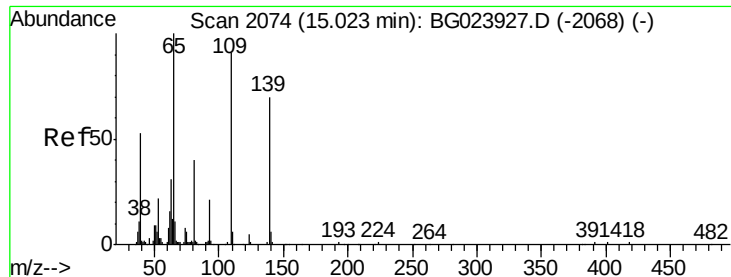
Tot Ion:184 Resp: 122852
Ion Ratio Lower Upper
184 100
63 87.3 59.6 89.4
154 84.1 67.4 101.0



#54
Dibenzofuran
Concen: 45.92 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion:168 Resp: 651308
Ion Ratio Lower Upper
168 100
139 45.0 36.4 54.6
169 13.1 11.9 17.9

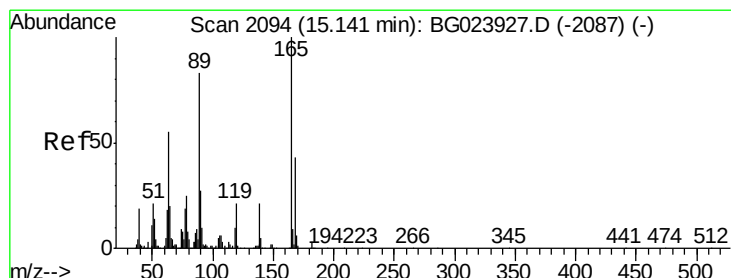
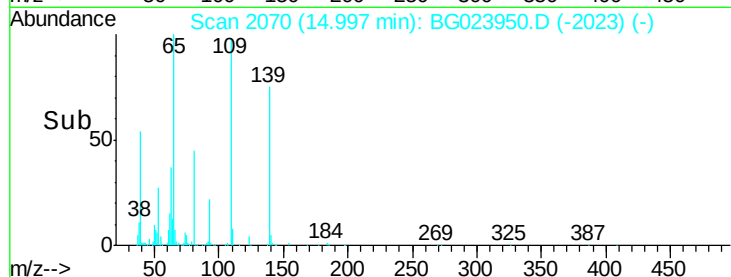
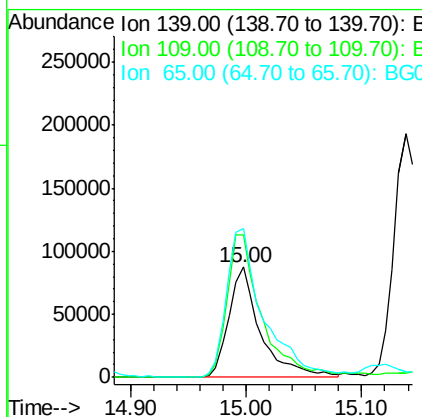
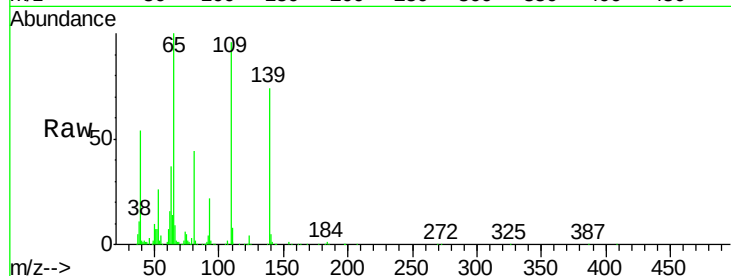




#55
4-Nitrophenol
Concen: 83.39 ng
RT: 15.00 min Scan# 2070
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

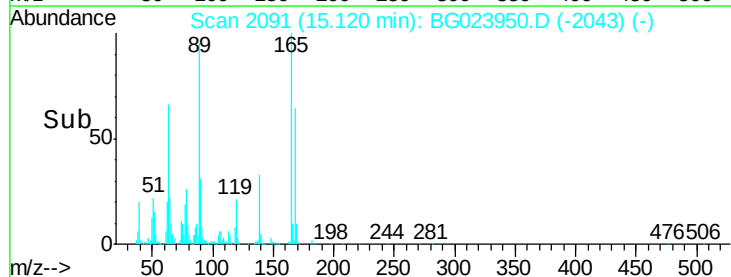
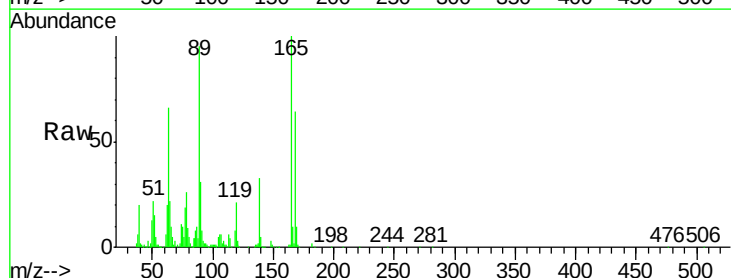
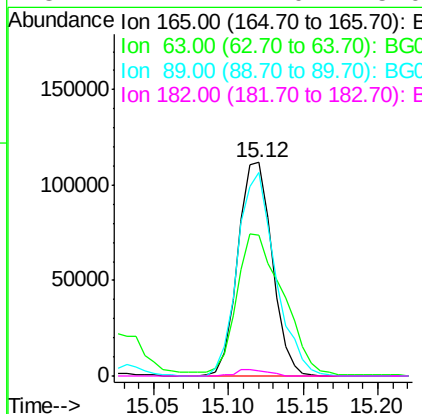
Instrument :
BNA_G
ClientSampleId :

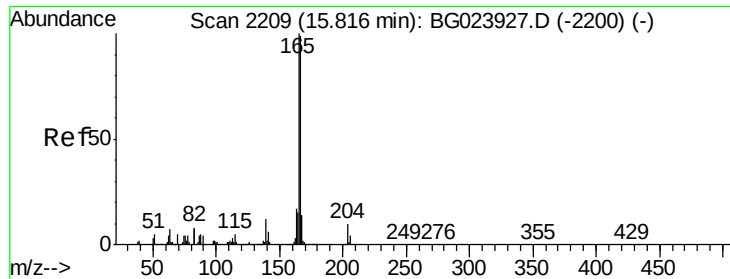
Tot Ion:139 Resp: 167766
Ion Ratio Lower Upper
139 100
109 129.9 103.0 143.0
65 135.0 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 44.95 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion:165 Resp: 178627
Ion Ratio Lower Upper
165 100
63 65.8 45.8 68.6
89 95.2 68.6 102.8
182 2.4 2.0 3.0





#57

Fluorene

Concen: 43.85 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

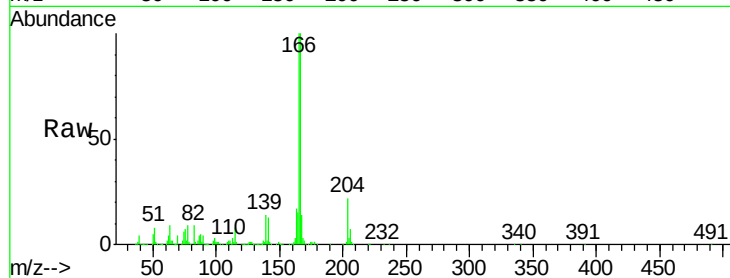
Tot Ion:166 Resp: 539368

Ion Ratio Lower Upper

166 100

165 99.9 81.0 121.6

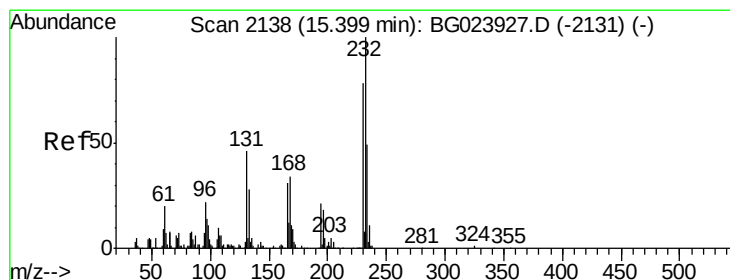
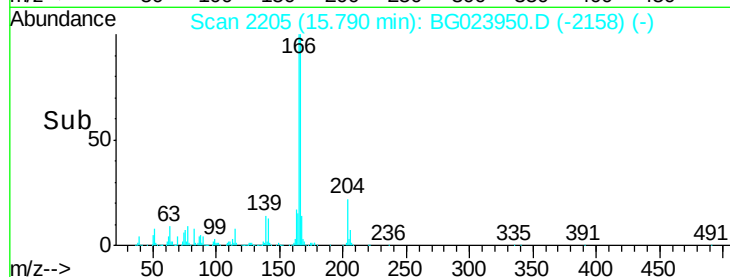
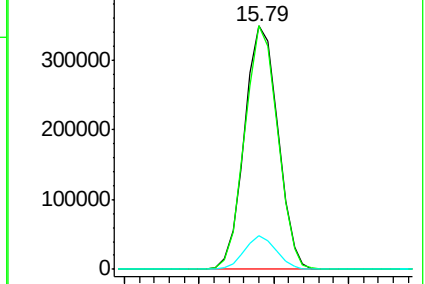
167 13.8 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.43 ng

RT: 15.38 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Tgt Ion:232 Resp: 164382

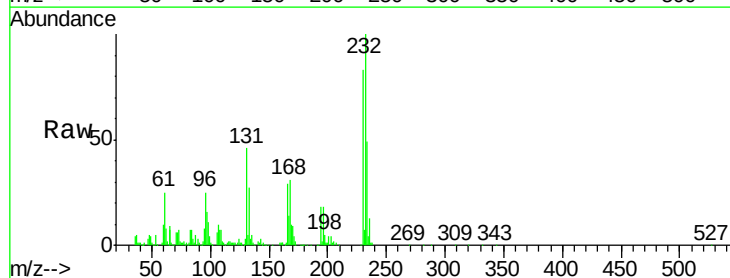
Ion Ratio Lower Upper

232 100

131 47.2 32.7 49.1

130 3.1 2.6 3.8

166 29.7 23.0 34.6

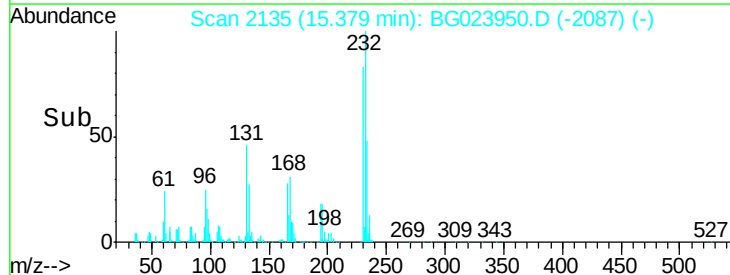
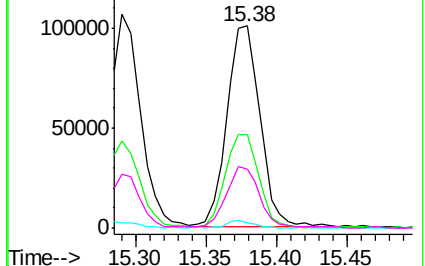


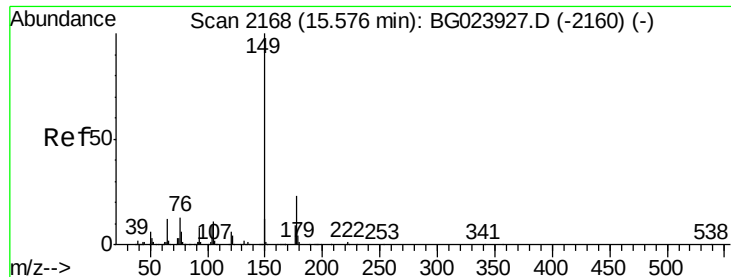
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

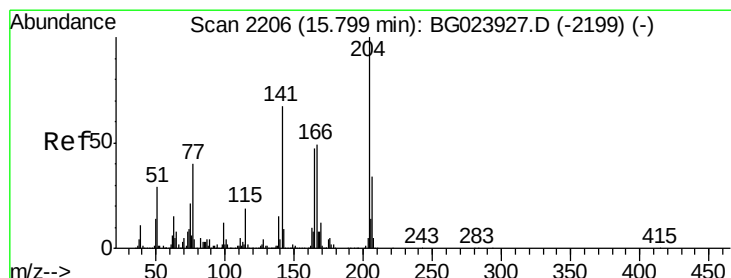
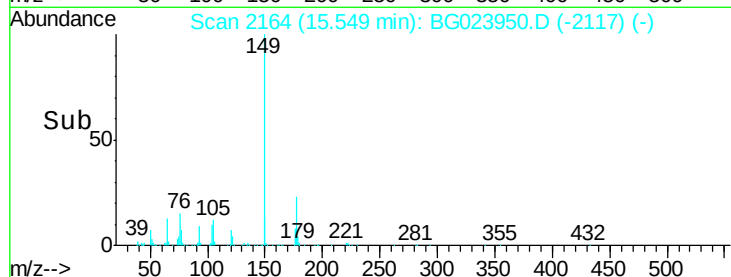
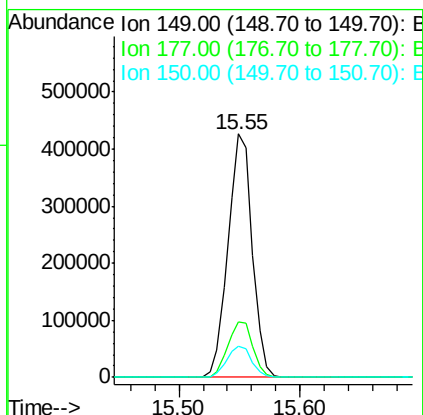
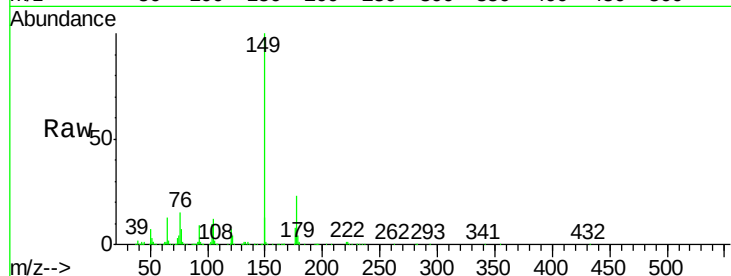




#59
Diethylphthalate
Concen: 43.25 ng
RT: 15.55 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

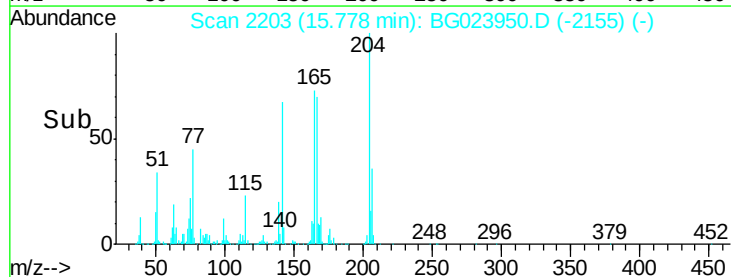
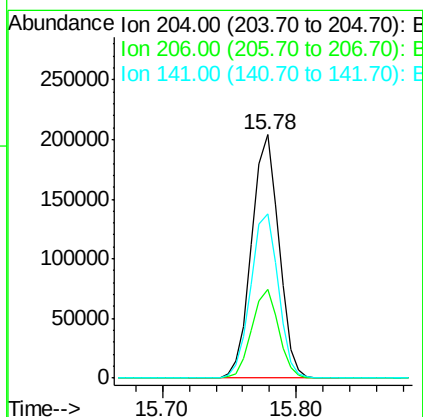
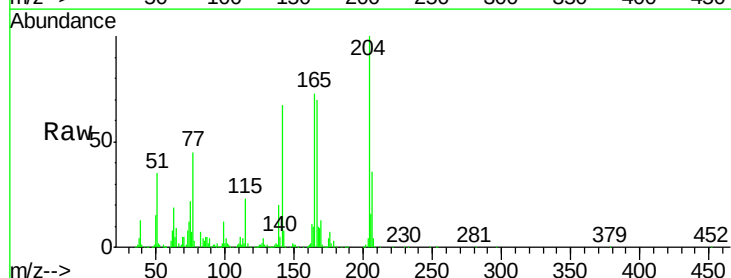
Instrument :
BNA_G
ClientSampleId :

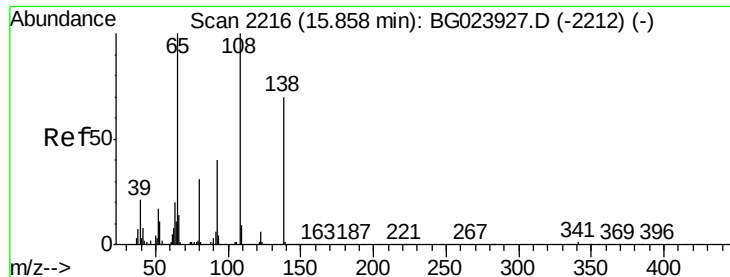
Tot Ion:149 Resp: 591264
Ion Ratio Lower Upper
149 100
177 22.7 19.2 28.8
150 13.0 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 43.21 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion:204 Resp: 286103
Ion Ratio Lower Upper
204 100
206 36.5 28.5 42.7
141 67.3 51.4 77.0

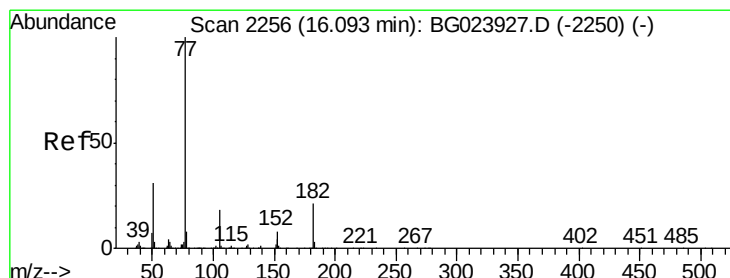
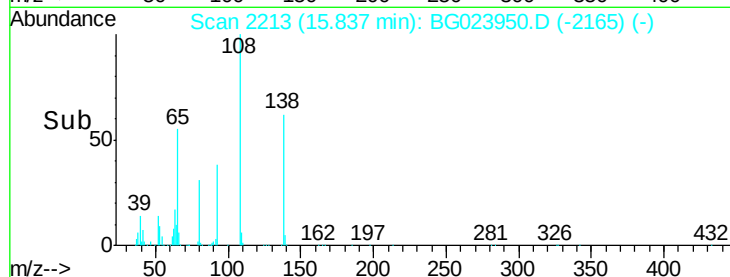
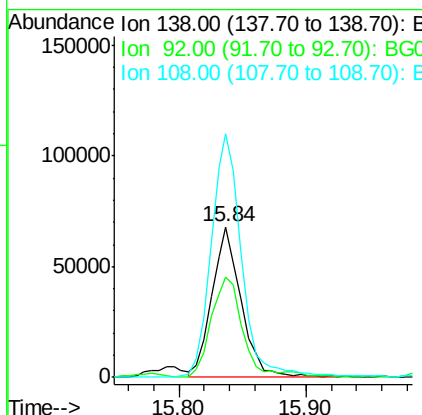
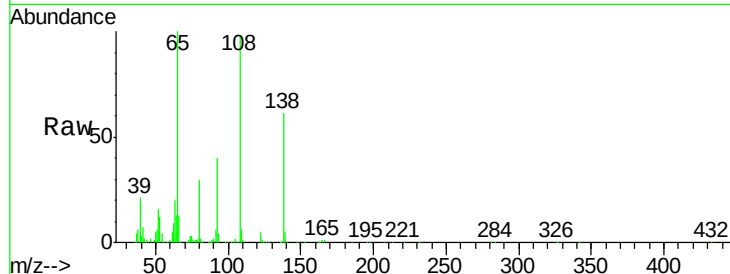




#61
4-Nitroaniline
Concen: 42.39 ng
RT: 15.84 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

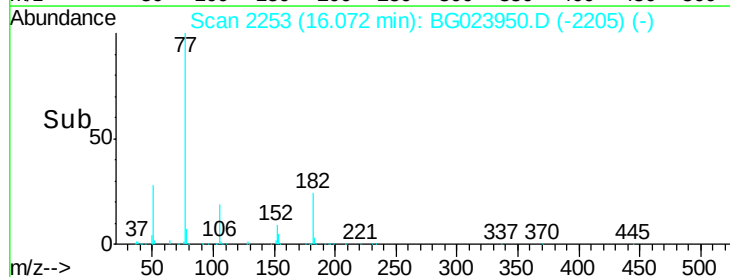
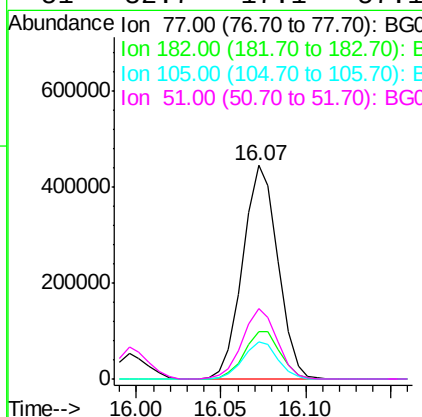
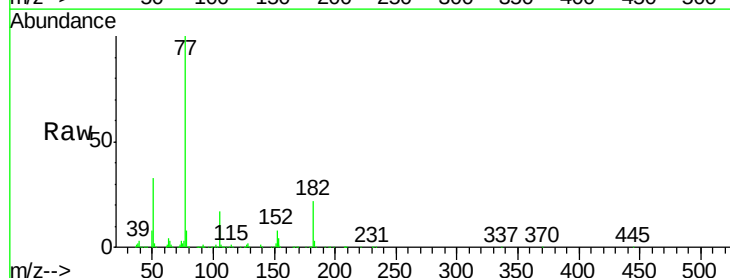
Instrument :
BNA_G
ClientSampled :

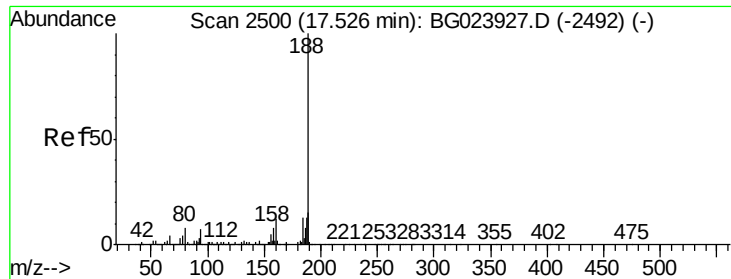
Tot Ion:138 Resp: 108353
Ion Ratio Lower Upper
138 100
92 66.5 54.1 94.1
108 161.5 133.9 173.9



#62
Azobenzene
Concen: 48.49 ng
RT: 16.07 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion: 77 Resp: 642010
Ion Ratio Lower Upper
77 100
182 22.2 3.5 43.5
105 17.3 0.0 38.5
51 32.7 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

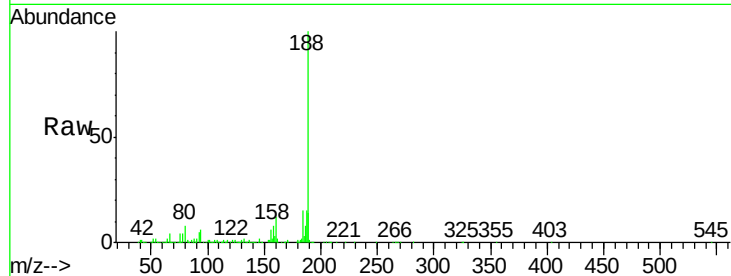
Tot Ion:188 Resp: 389326

Ion Ratio Lower Upper

188 100

94 5.9 5.2 7.8

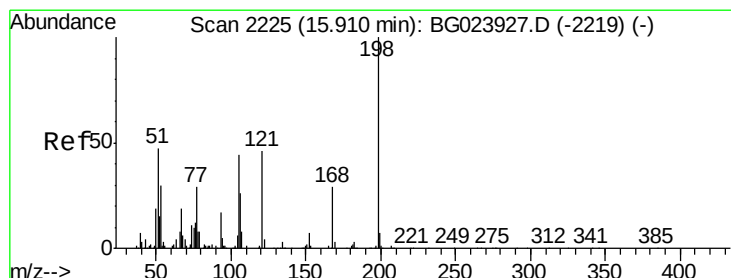
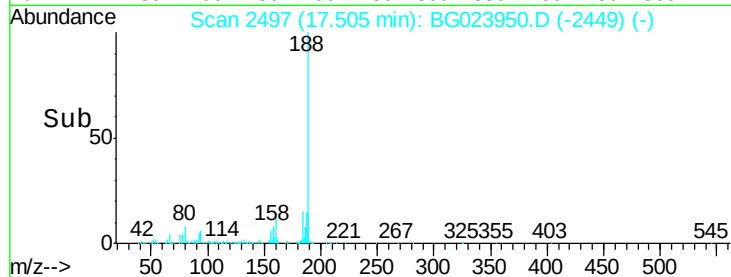
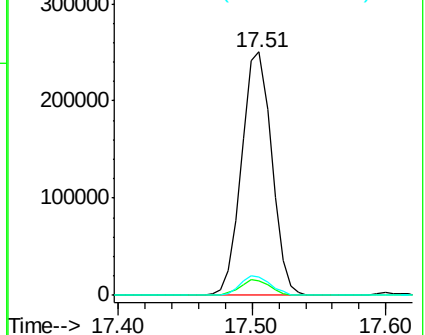
80 7.7 7.2 10.8



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: 39.06 ng

RT: 15.89 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

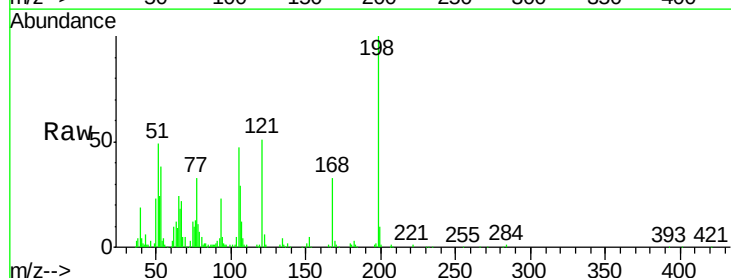
Tgt Ion:198 Resp: 105574

Ion Ratio Lower Upper

198 100

51 49.2 26.0 66.0

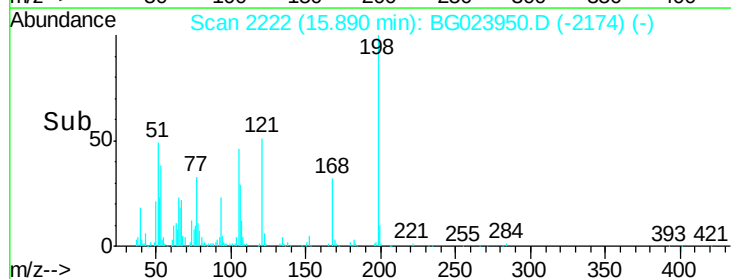
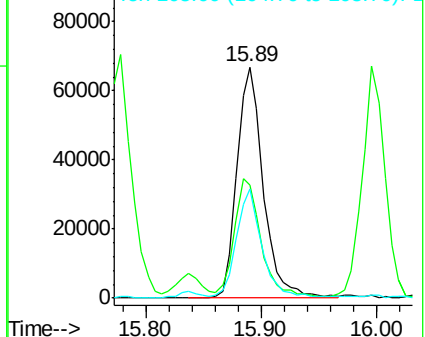
105 47.5 20.1 60.1

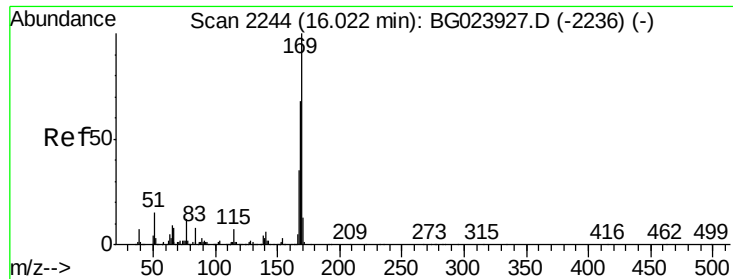


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.79 ng

RT: 16.00 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG023950.D

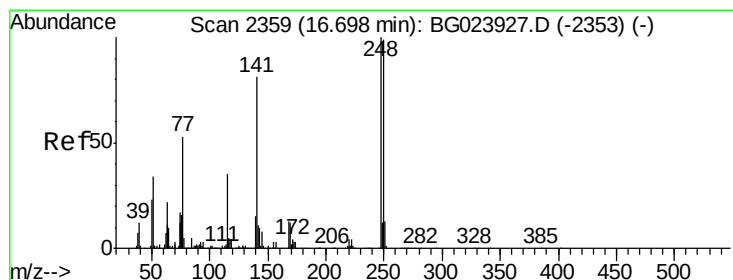
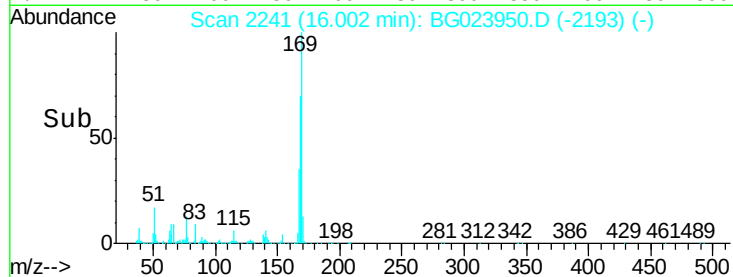
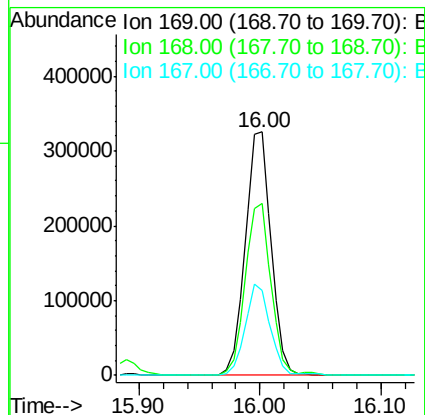
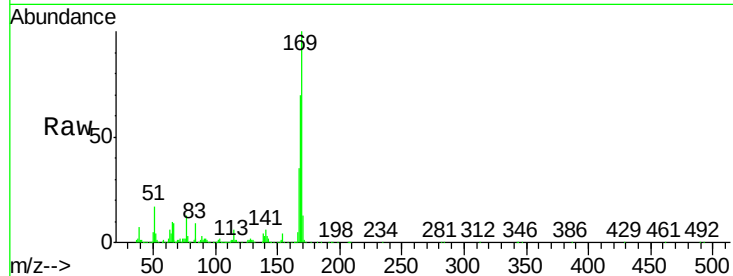
Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:169	Resp:	484202
Ion	Ratio	Lower Upper
169	100	
168	70.5	55.0 82.4
167	34.9	27.4 41.0



#66

4-Bromophenyl-phenylether

Concen: 46.27 ng

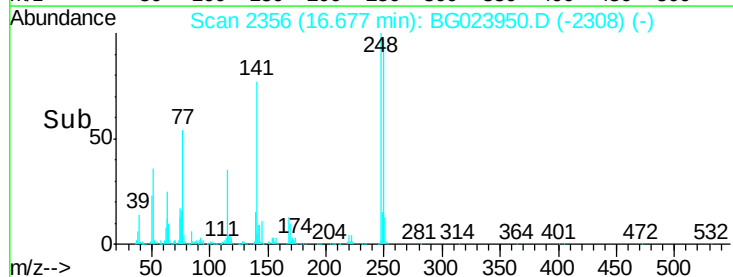
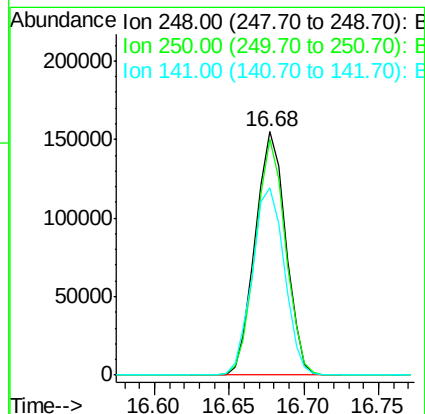
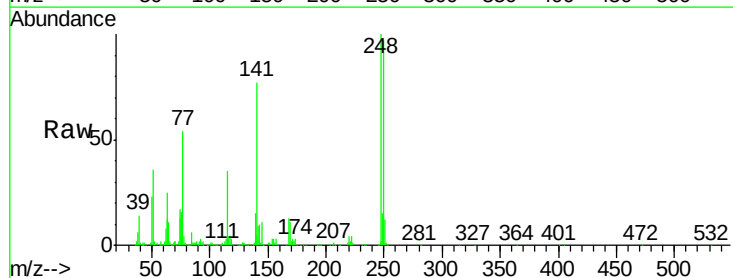
RT: 16.68 min Scan# 2356

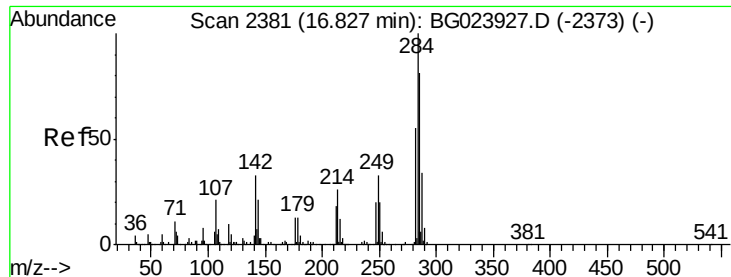
Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Tgt Ion:248	Resp:	219179
Ion	Ratio	Lower Upper
248	100	
250	96.7	77.8 116.8
141	77.0	65.7 98.5

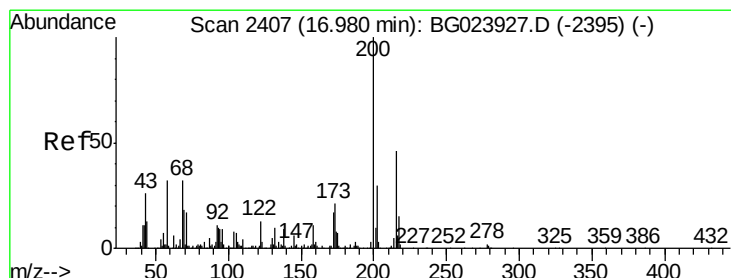
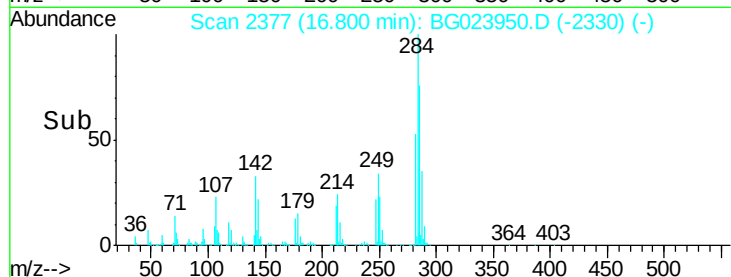
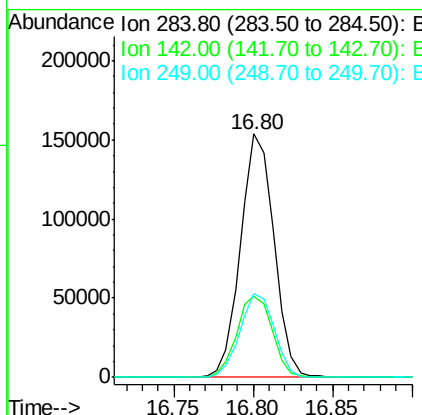
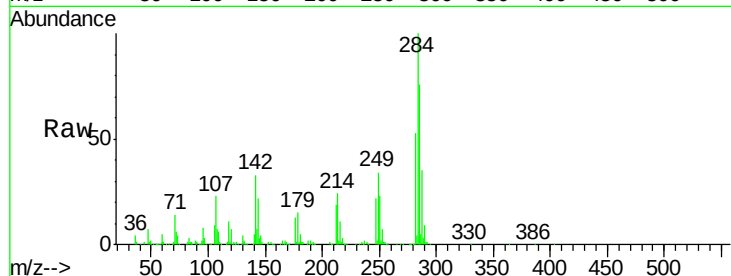




#67
Hexachlorobenzene
Concen: 40.55 ng
RT: 16.80 min Scan# 2377
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

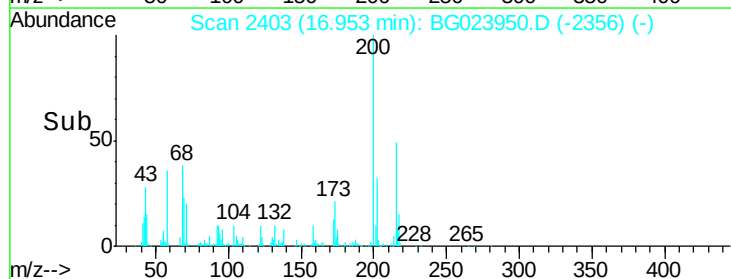
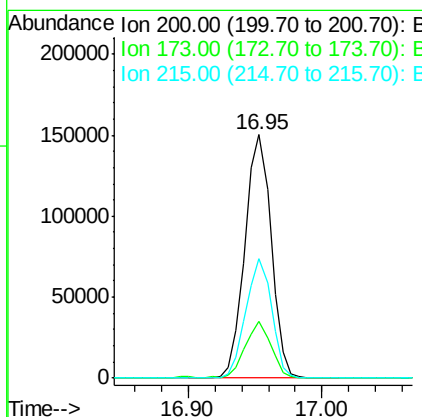
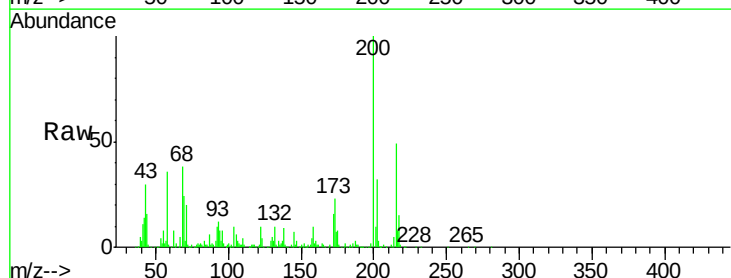
Instrument :
BNA_G
ClientSampleId :

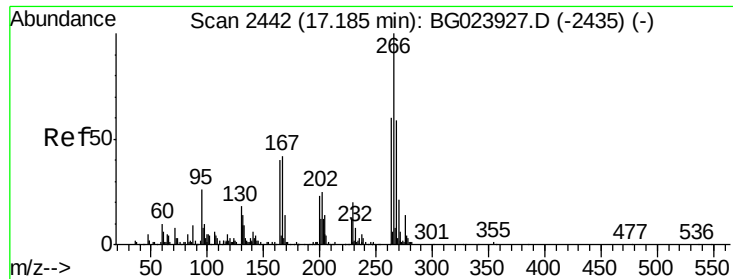
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.8	40.2
249	34.5	28.9	43.3



#68
Atrazine
Concen: 42.78 ng
RT: 16.95 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	1.6	41.6
215	49.1	28.7	68.7





#69

Pentachlorophenol

Concen: 79.27 ng

RT: 17.16 min Scan# 2438

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

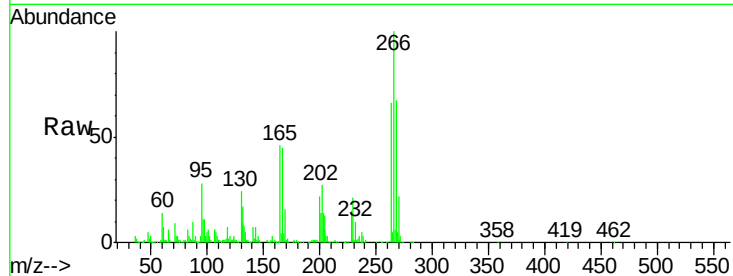
Tot Ion:266 Resp: 233886

Ion Ratio Lower Upper

266 100

268 66.6 51.9 77.9

264 65.7 50.6 75.8

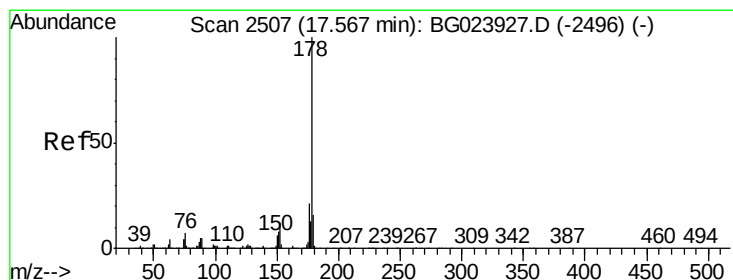
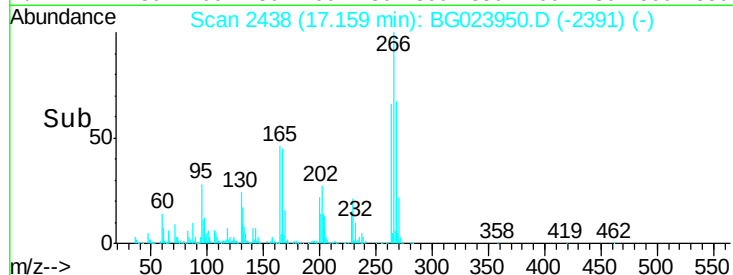
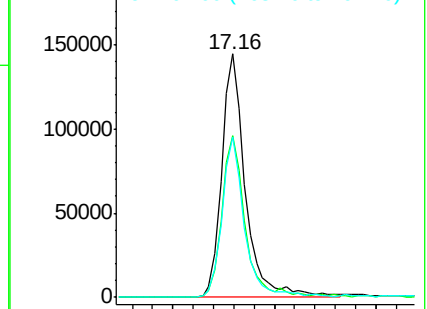


Abundance

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: 44.73 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

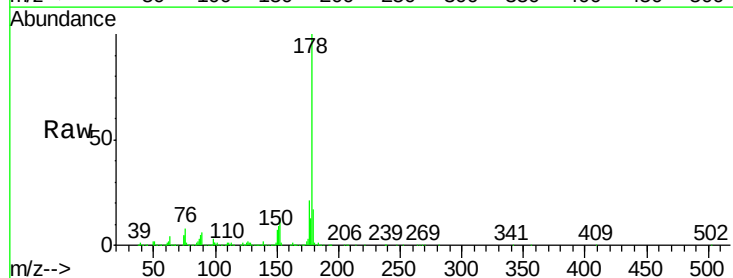
Tgt Ion:178 Resp: 905896

Ion Ratio Lower Upper

178 100

176 21.1 16.8 25.2

179 16.8 14.3 21.5

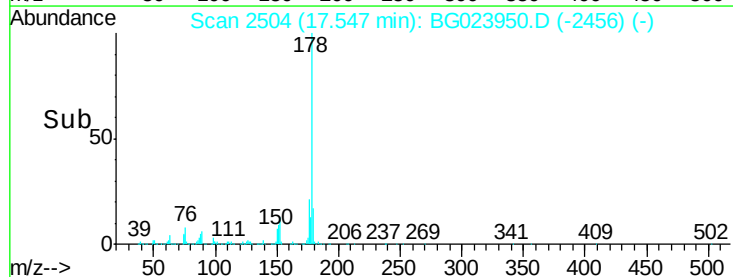
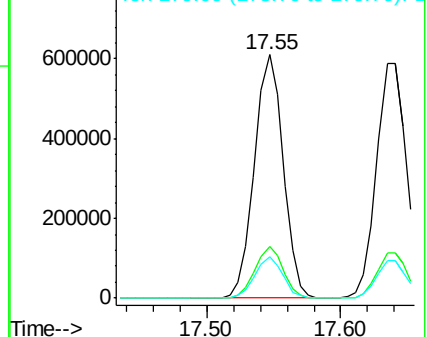


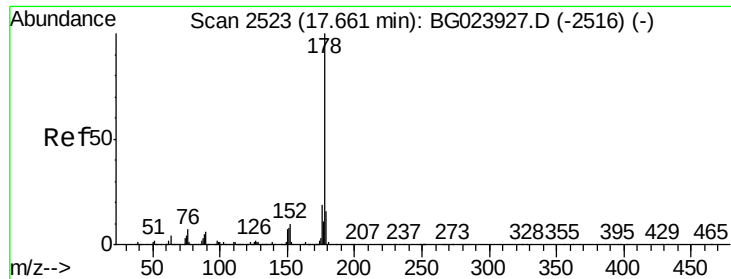
Abundance

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

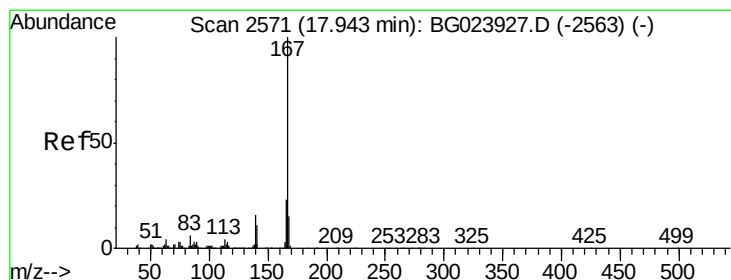
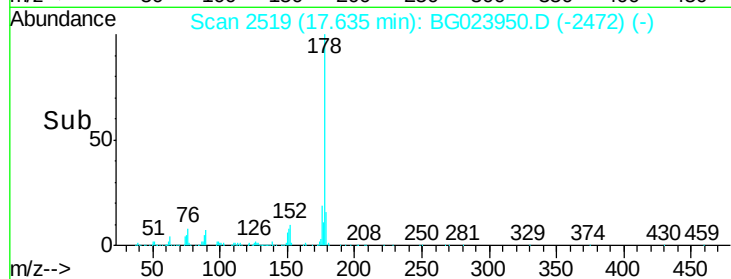
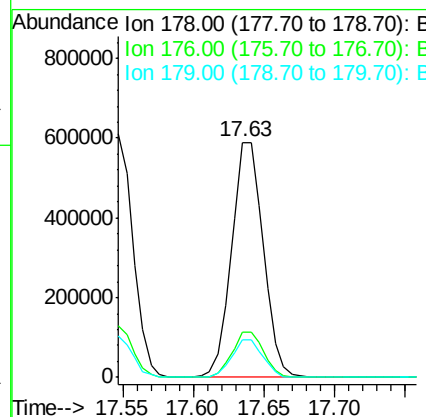
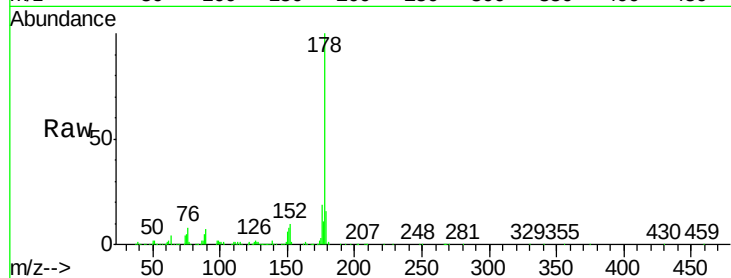




#71
 Anthracene
 Concen: 44.44 ng
 RT: 17.63 min Scan# 2519
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

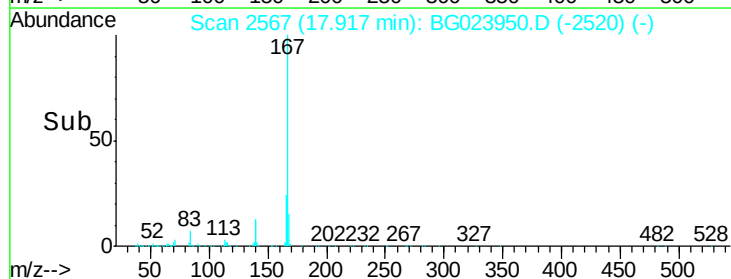
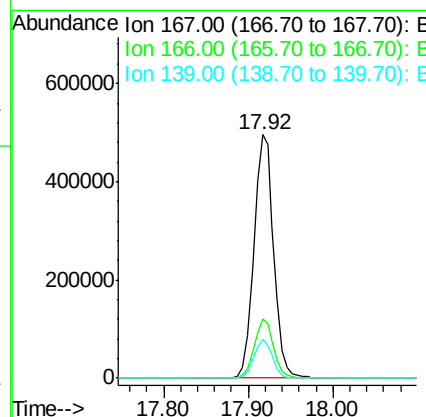
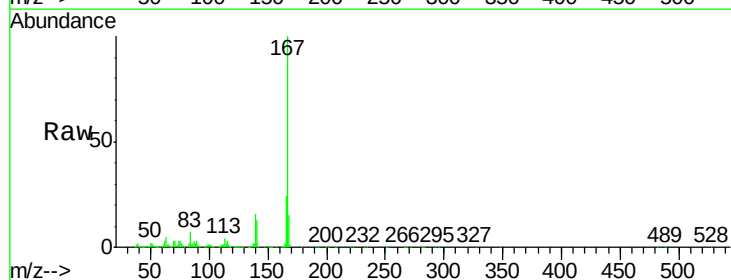
Instrument :
 BNA_G
 ClientSampleId :

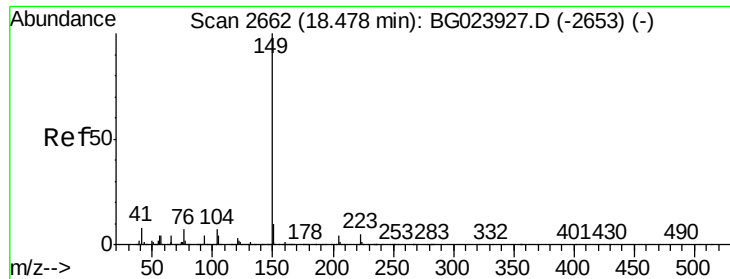
Tot Ion:178 Resp: 918001
 Ion Ratio Lower Upper
 178 100
 176 19.4 17.3 25.9
 179 15.8 14.0 21.0



#72
 Carbazole
 Concen: 42.98 ng
 RT: 17.92 min Scan# 2567
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Tgt Ion:167 Resp: 805820
 Ion Ratio Lower Upper
 167 100
 166 24.2 20.7 31.1
 139 15.8 11.9 17.9





#73

Di-n-butylphthalate

Concen: 42.39 ng

RT: 18.45 min Scan# 2658

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

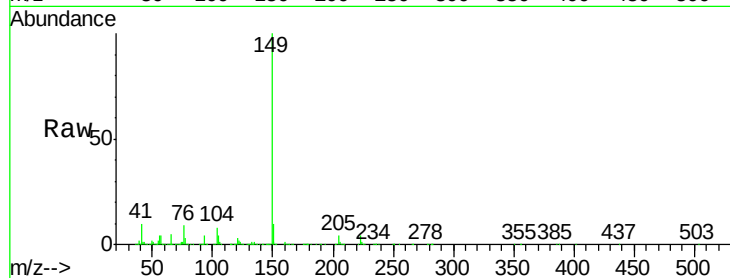
Tot Ion:149 Resp: 948139

Ion Ratio Lower Upper

149 100

150 10.4 9.1 13.7

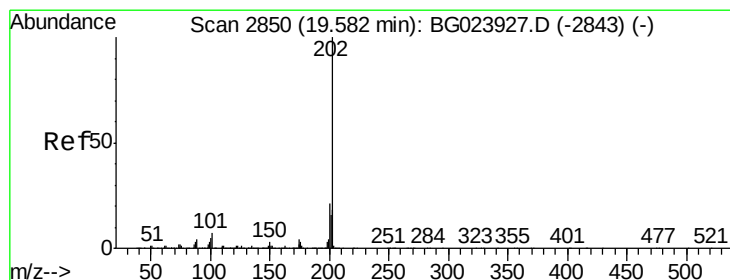
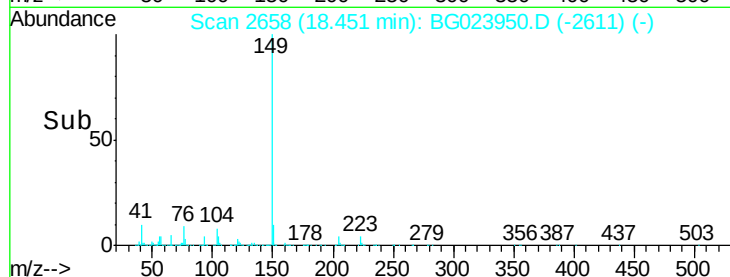
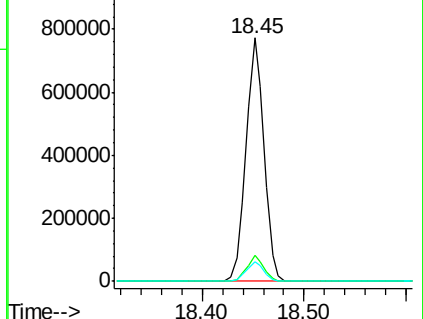
104 7.9 6.9 10.3



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: 45.69 ng

RT: 19.56 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

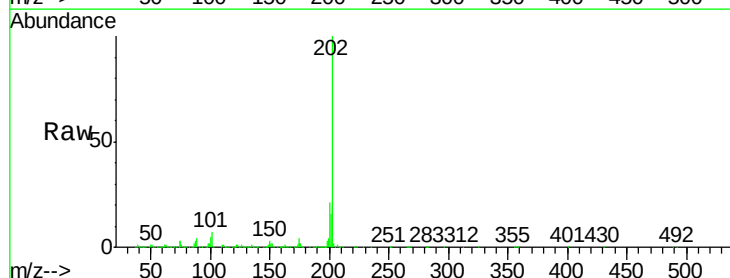
Tgt Ion:202 Resp: 1114211

Ion Ratio Lower Upper

202 100

101 6.6 0.0 27.4

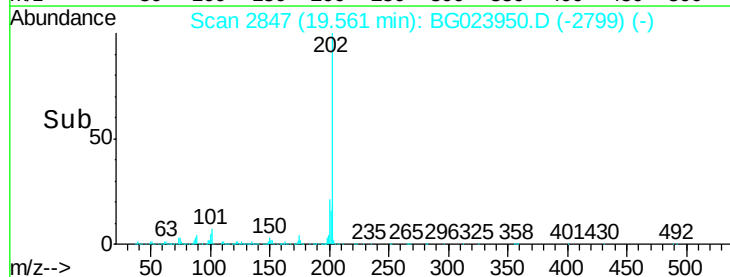
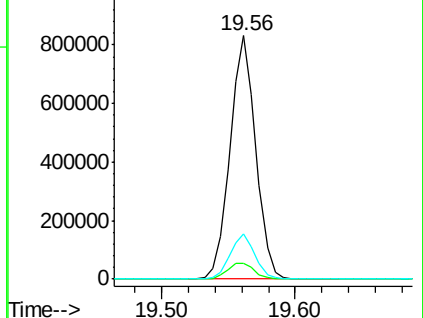
203 18.5 1.7 41.7

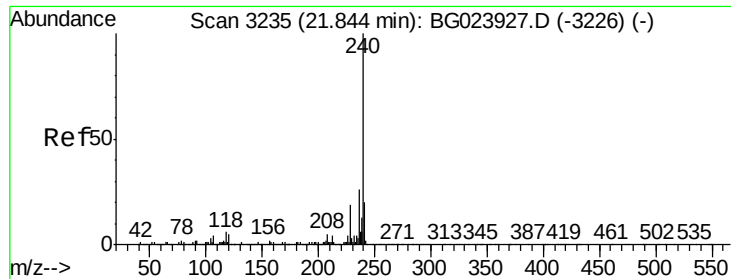


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.82 min Scan# 3231

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

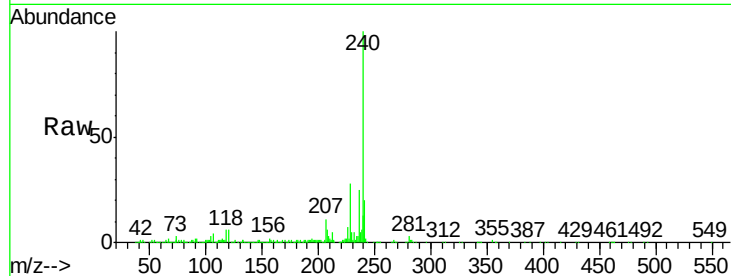
Tot Ion:240 Resp: 418397

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

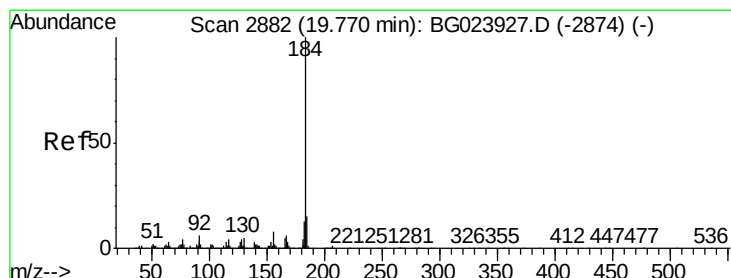
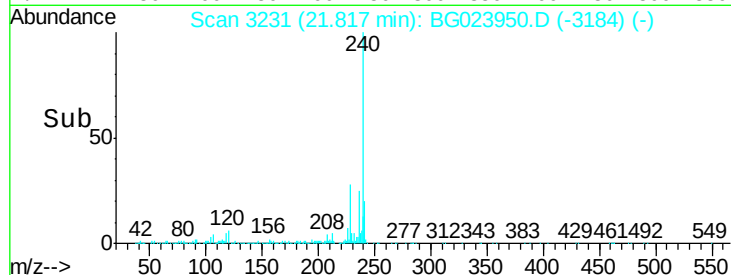
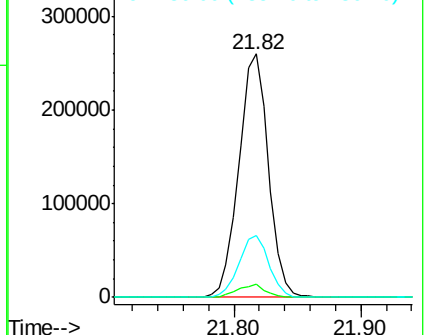
236 25.5 21.1 31.7



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: 32.01 ng

RT: 19.75 min Scan# 2879

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

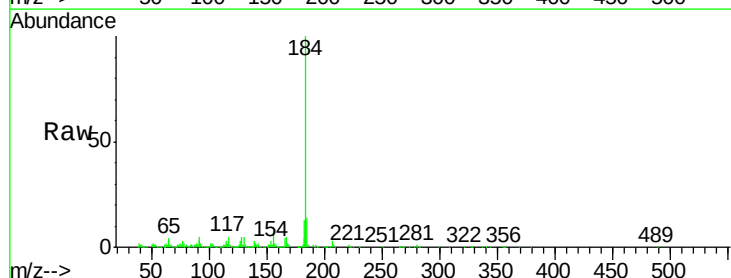
Tgt Ion:184 Resp: 414679

Ion Ratio Lower Upper

184 100

185 14.0 12.6 19.0

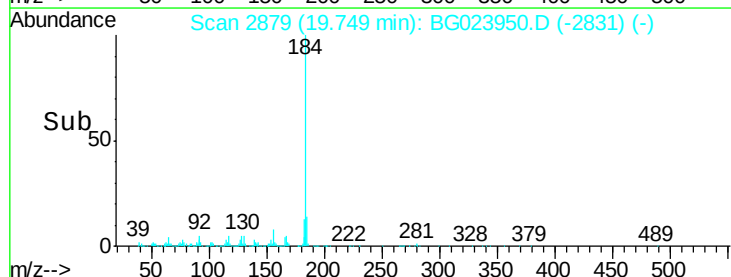
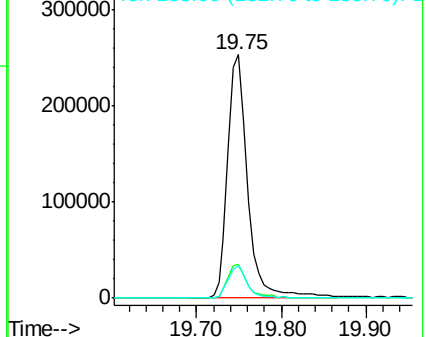
183 13.3 10.7 16.1

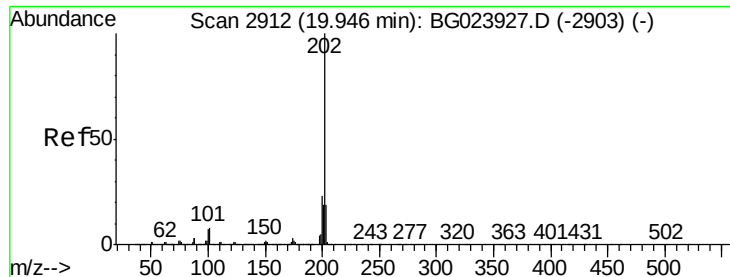


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.04 ng

RT: 19.93 min Scan# 2909

Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

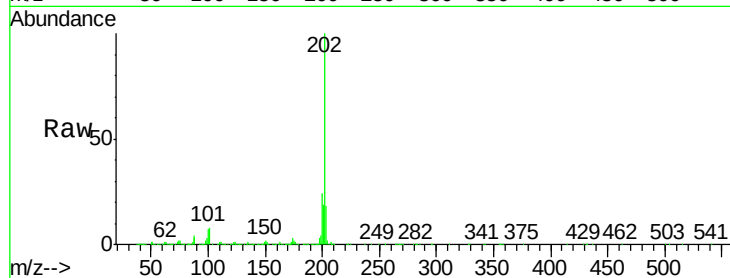
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1107505

Ion	Ratio	Lower	Upper
202	100		
200	23.7	21.2	31.8
203	18.3	16.8	25.2

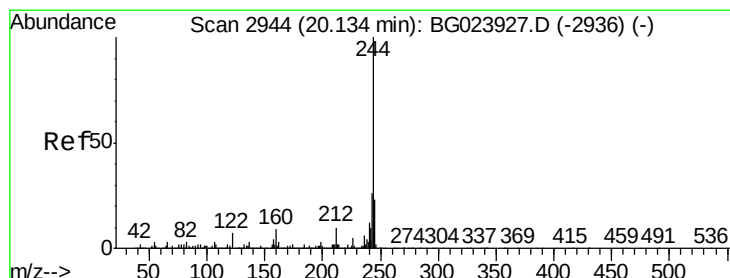
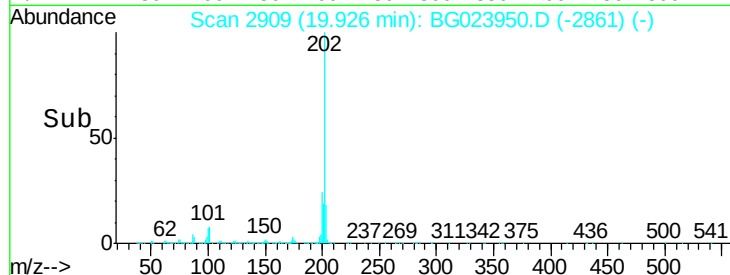
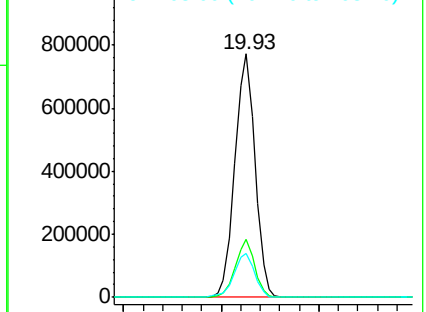


Abundance

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: 86.02 ng

RT: 20.11 min Scan# 2941

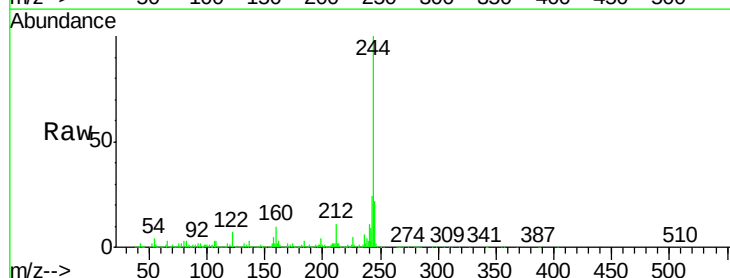
Delta R.T. -0.02 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Tgt Ion:244 Resp: 1580363

Ion	Ratio	Lower	Upper
244	100		
212	10.6	10.8	16.2#
122	6.9	8.0	12.0#

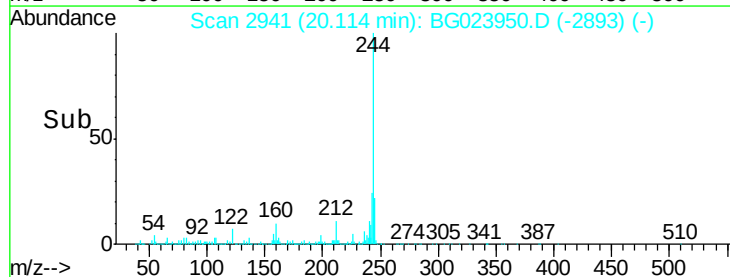
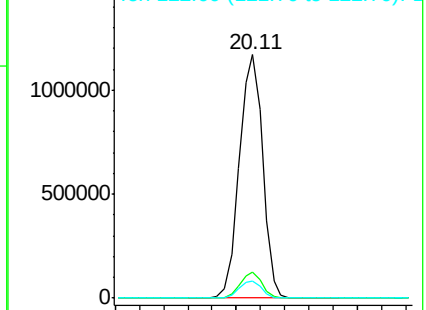


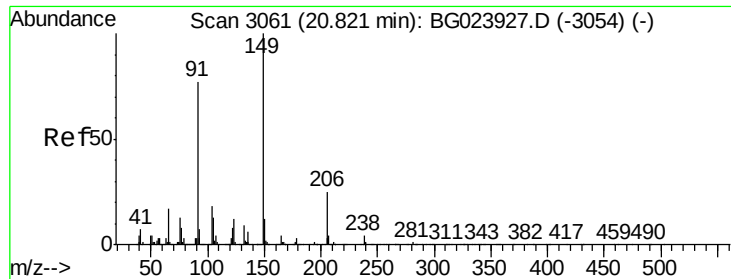
Abundance

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: 42.60 ng

RT: 20.80 min Scan# 3057

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampleId :

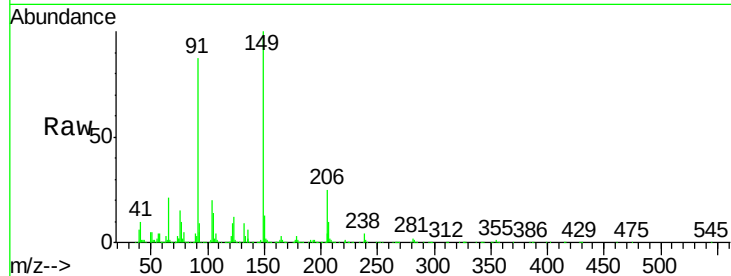
Tot Ion:149 Resp: 422587

Ion Ratio Lower Upper

149 100

91 86.9 68.1 102.1

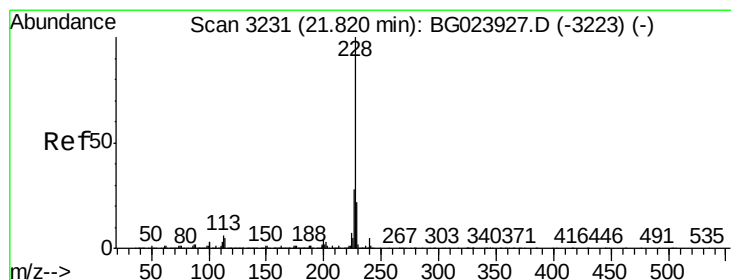
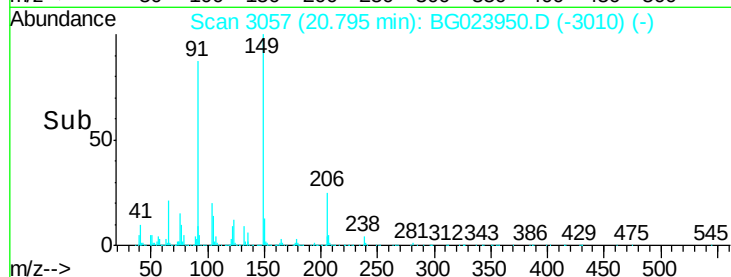
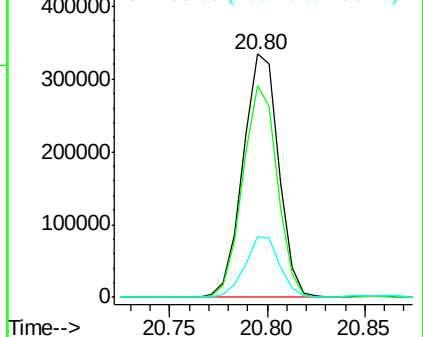
206 24.7 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG023950.D (-3010) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.22 ng

RT: 21.79 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

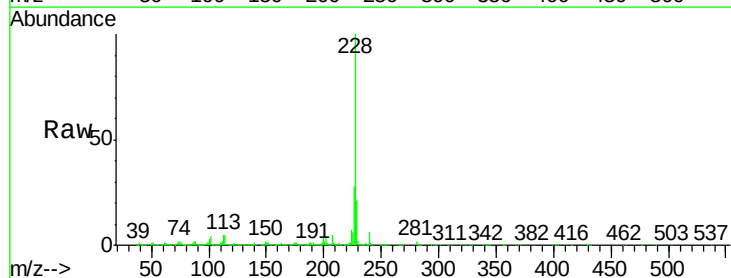
Tgt Ion:228 Resp: 1082424

Ion Ratio Lower Upper

228 100

226 27.6 25.3 37.9

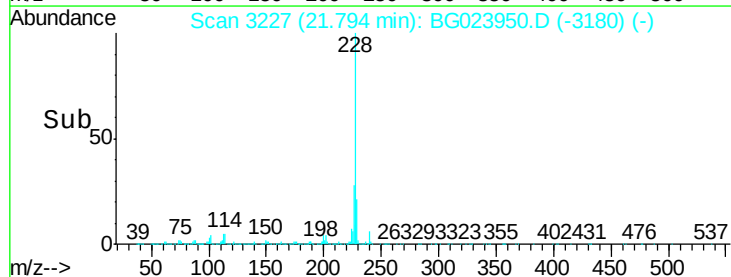
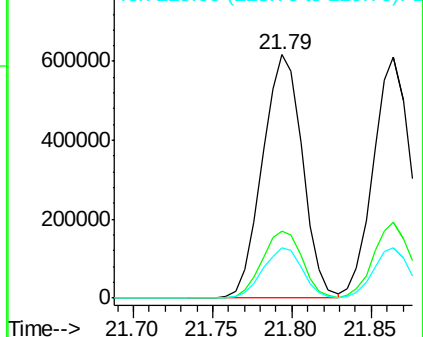
229 20.8 19.9 29.9

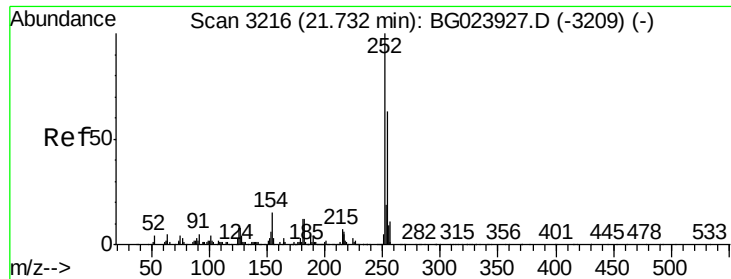


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

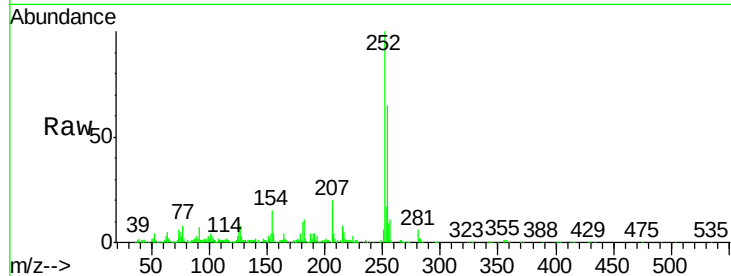




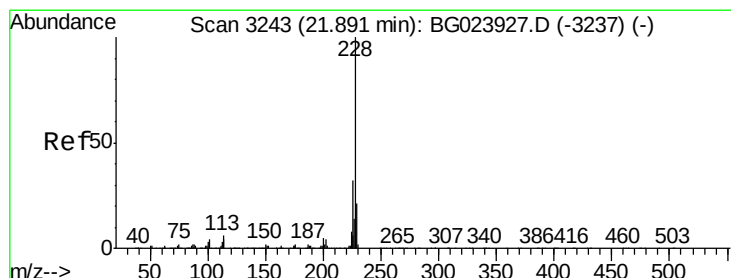
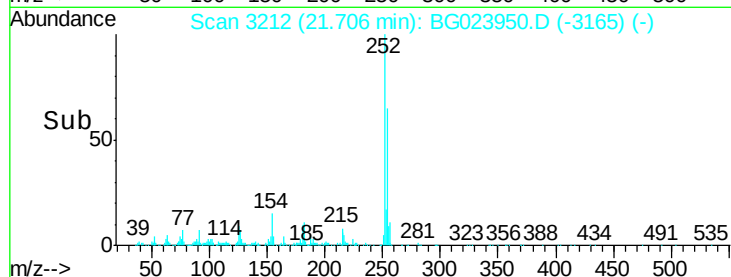
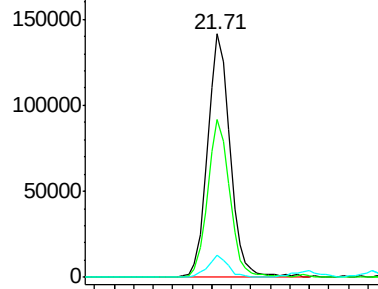
#81
 3,3'-Dichlorobenzidine
 Concen: 24.28 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 227295
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.2 76.8
 126 8.9 5.3 7.9#

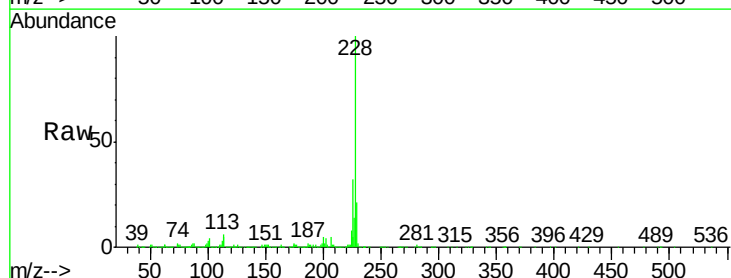


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

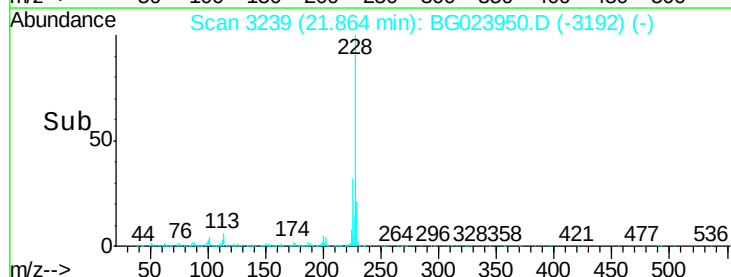
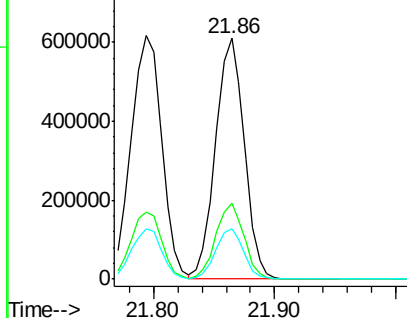


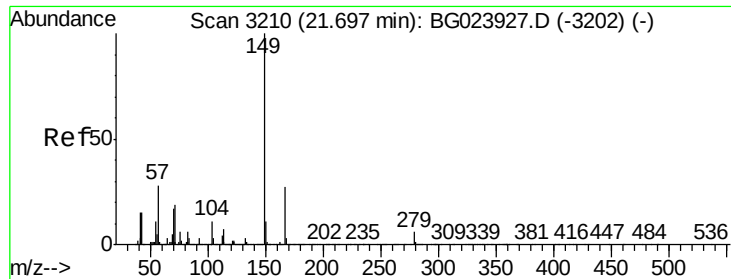
#82
 Chrysene
 Concen: 44.97 ng
 RT: 21.86 min Scan# 3239
 Delta R.T. -0.03 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Tgt Ion:228 Resp: 1002519
 Ion Ratio Lower Upper
 228 100
 226 31.6 26.7 40.1
 229 21.0 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.28 ng

RT: 21.66 min Scan# 3205

Delta R.T. -0.03 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Instrument :

BNA_G

ClientSampled :

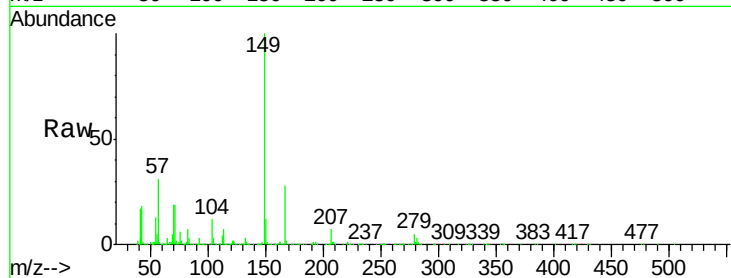
Tot Ion:149 Resp: 574279

Ion Ratio Lower Upper

149 100

167 27.9 24.0 36.0

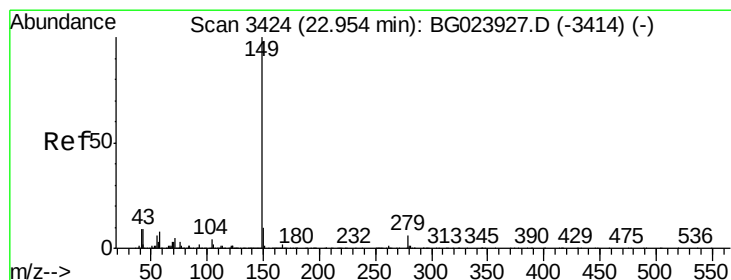
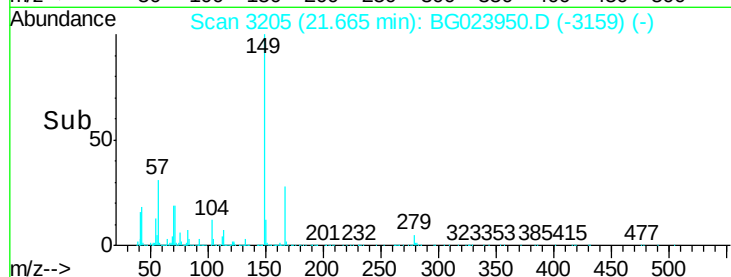
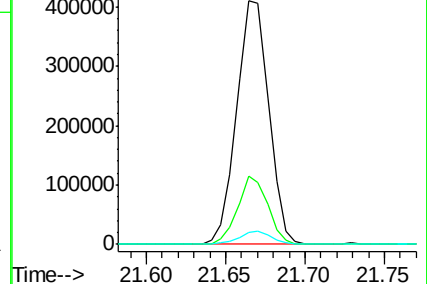
279 5.0 4.8 7.2



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: 42.83 ng

RT: 22.92 min Scan# 3418

Delta R.T. -0.04 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

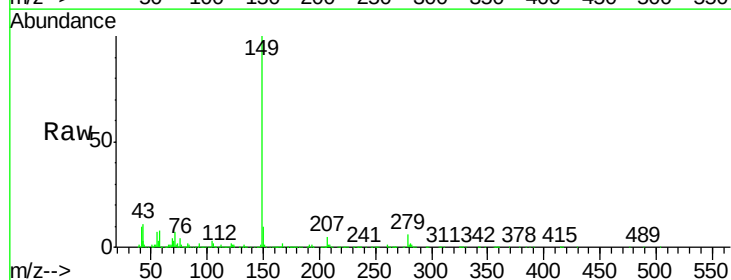
Tgt Ion:149 Resp: 953946

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

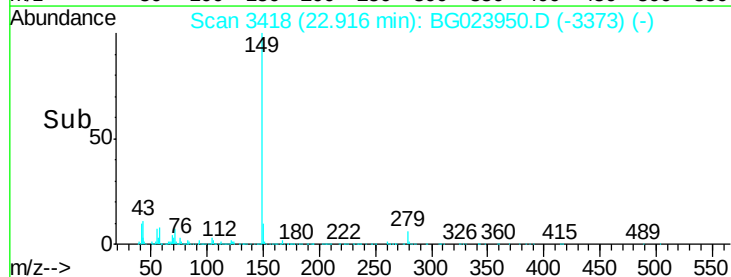
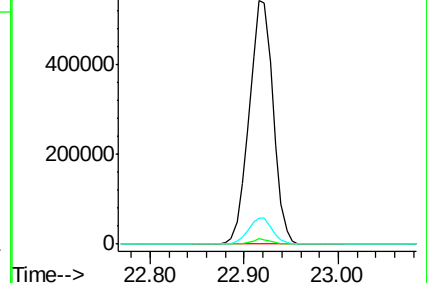
43 10.6 8.8 13.2

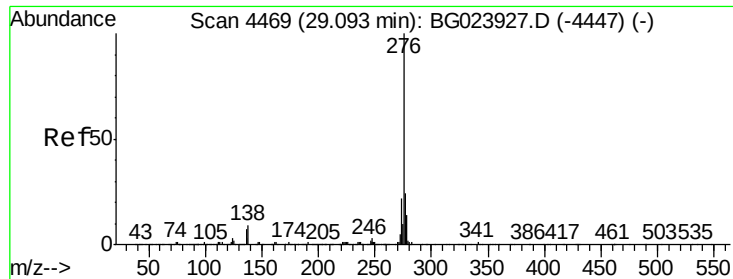


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

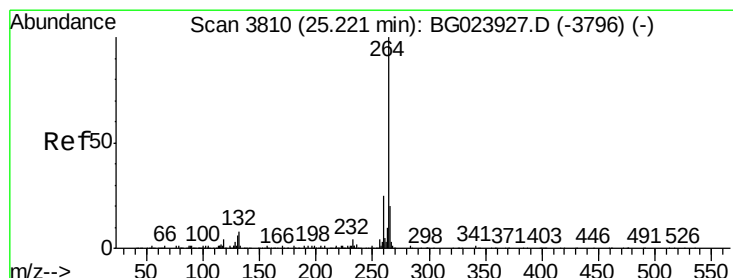
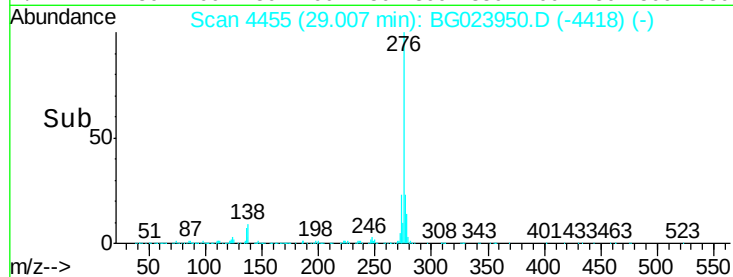
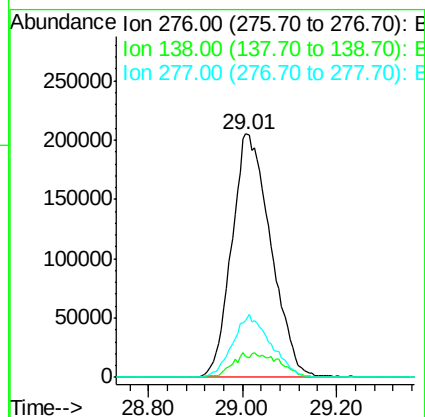
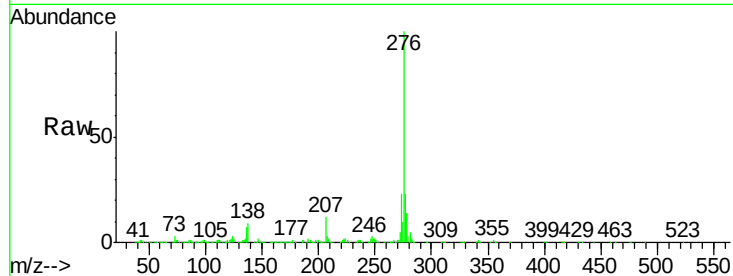




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.87 ng
RT: 29.01 min Scan# 4455
Delta R.T. -0.09 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

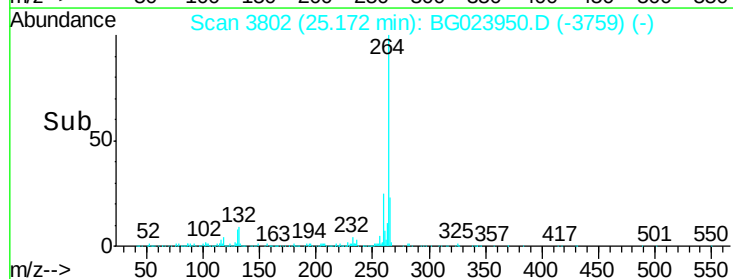
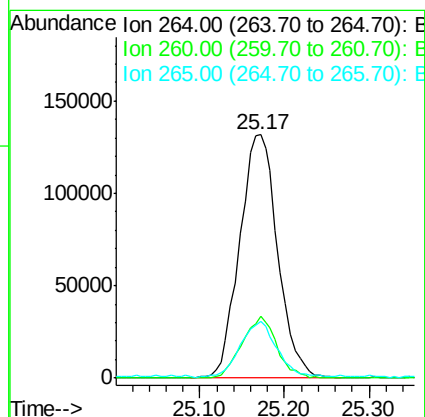
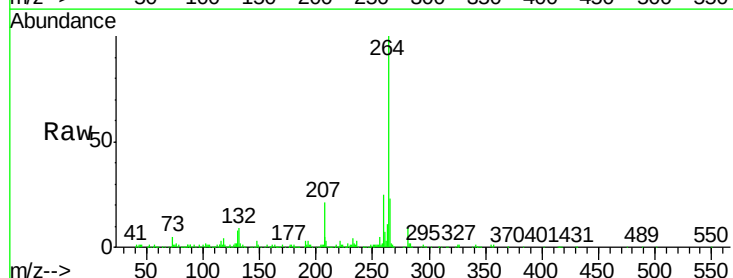
Instrument :
BNA_G
ClientSampleId :

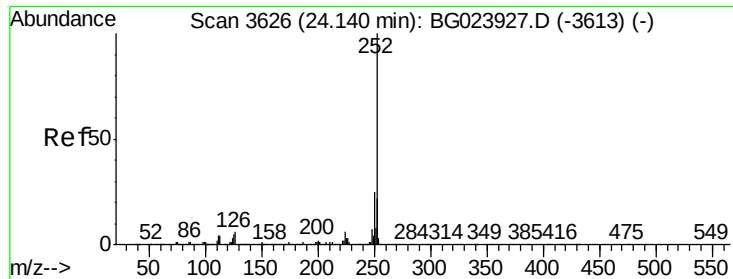
Tot Ion:276 Resp: 1181672
Ion Ratio Lower Upper
276 100
138 4.3 0.0 0.0#
277 24.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3802
Delta R.T. -0.05 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion:264 Resp: 411257
Ion Ratio Lower Upper
264 100
260 25.2 18.4 27.6
265 23.2 18.9 28.3

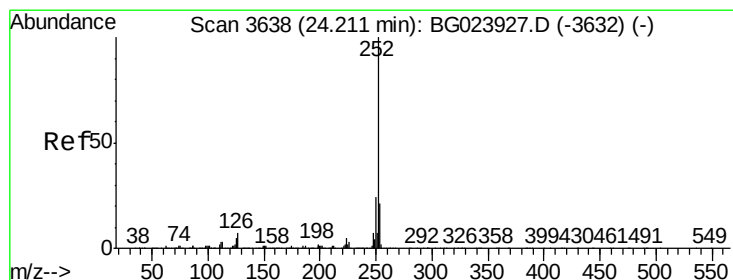
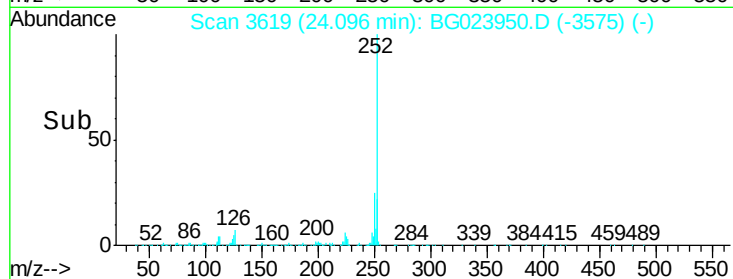
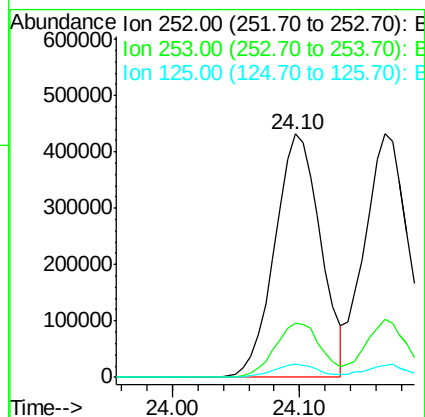
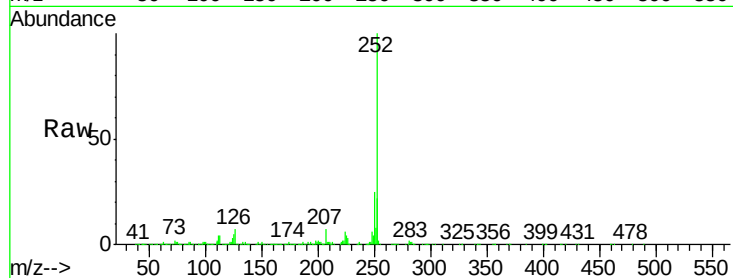




#87
Benzo(b)fluoranthene
Concen: 46.20 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.04 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

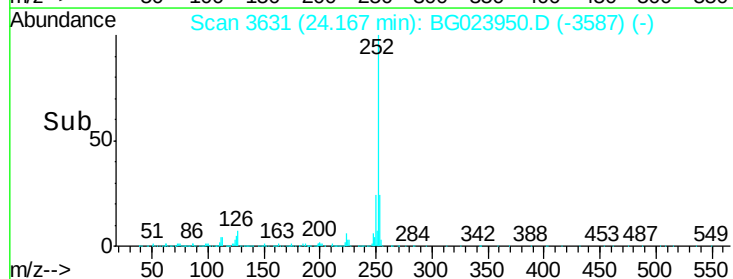
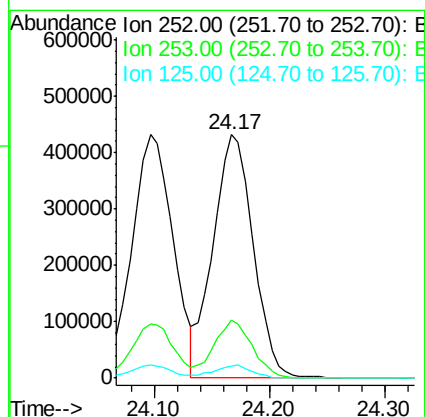
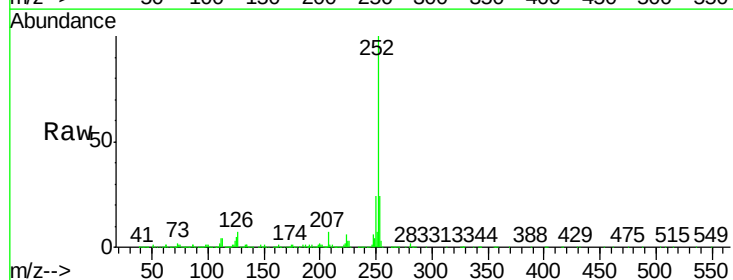
Instrument :
BNA_G
ClientSampleId :

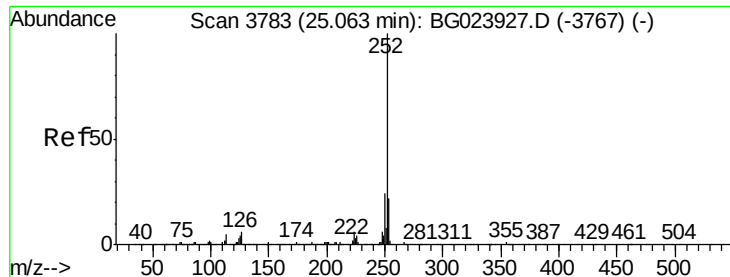
Tot Ion:252 Resp: 1079253
Ion Ratio Lower Upper
252 100
253 22.4 18.9 28.3
125 5.2 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 44.74 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.04 min
Lab File: BG023950.D
Acq: 6 Sep 2016 16:54

Tgt Ion:252 Resp: 1036444
Ion Ratio Lower Upper
252 100
253 23.8 18.8 28.2
125 5.0 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 46.49 ng

RT: 25.01 min Scan# 3774

Delta R.T. -0.06 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

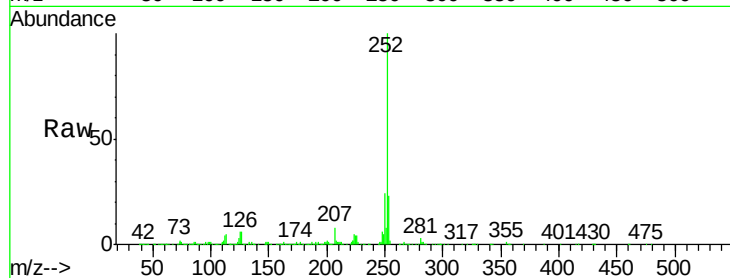
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1031396

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	6.0	3.9	5.9

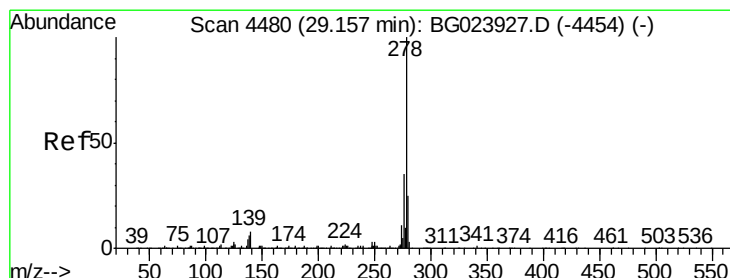
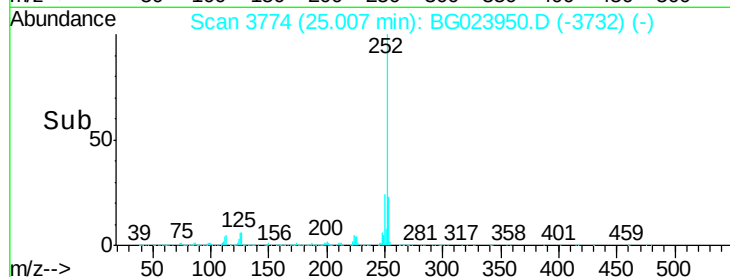
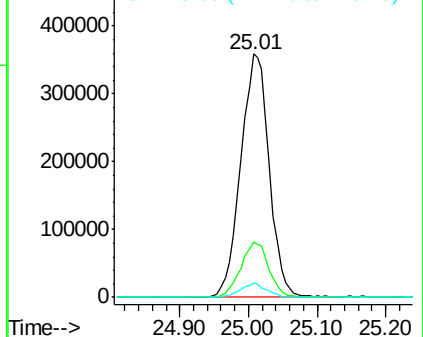


Abundance

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: 44.94 ng

RT: 29.07 min Scan# 4466

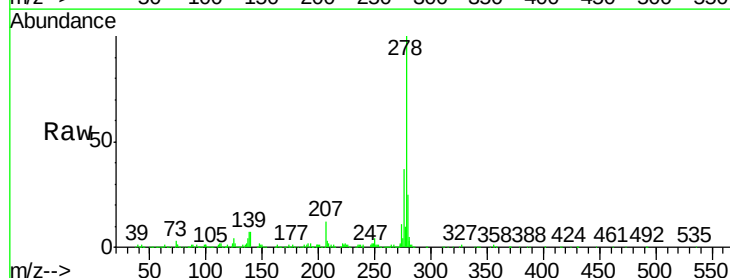
Delta R.T. -0.09 min

Lab File: BG023950.D

Acq: 6 Sep 2016 16:54

Tgt Ion:278 Resp: 980540

Ion	Ratio	Lower	Upper
278	100		
139	7.5	4.7	7.1
279	24.7	18.3	27.5

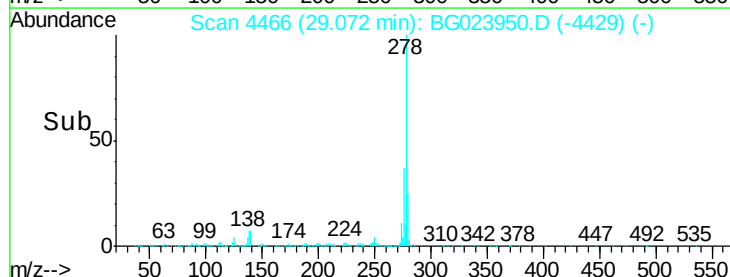
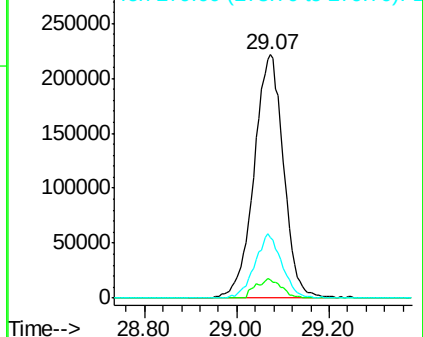


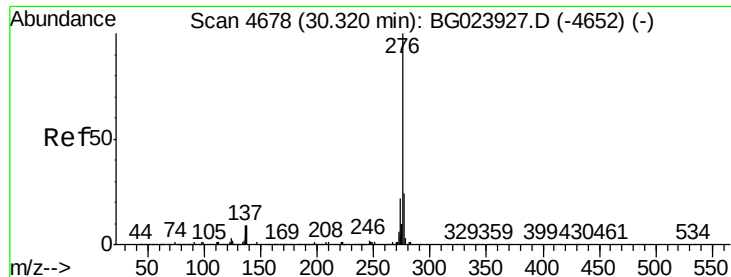
Abundance

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

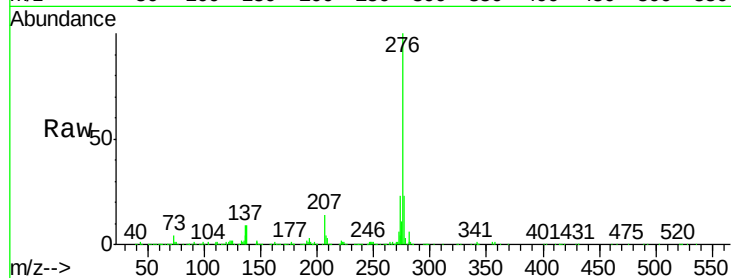




#91
 Benzo(a,h,i)perylene
 Concen: 46.49 ng
 RT: 30.22 min Scan# 4661
 Delta R.T. -0.10 min
 Lab File: BG023950.D
 Acq: 6 Sep 2016 16:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	9.3	6.8	10.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

