

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023085.D
 Acq On : 14 Jul 2016 2:32
 Operator : UM/SJ
 Sample : PB92070BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

Quant Time: Jul 14 04:47:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	90046	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	453160	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	350881	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	883174	20.00	ng	0.00
75) Chrysene-d12	21.87	240	904869	20.00	ng	0.02
86) Perylene-d12	25.25	264	908479	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	832228	151.16	ng	0.00
7) Phenol-d6	7.31	99	1297456	150.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	893391	84.42	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	699274	110.89	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1867791	83.85	ng	0.00
78) Terphenyl-d14	20.16	244	2730523	104.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	110080	51.44	ng	96
3) Pyridine	3.97	79	262607	35.86	ng	# 93
4) n-Nitrosodimethylamine	3.88	42	131141	41.74	ng	# 88
6) Aniline	7.47	93	315289	26.38	ng	95
8) 2-Chlorophenol	7.72	128	297085	50.71	ng	96
9) Benzaldehyde	7.28	77	100292	17.41	ng	94
10) Phenol	7.34	94	454281	51.20	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	303769	43.20	ng	95
12) 1,3-Dichlorobenzene	8.04	146	291504	40.64	ng	94
13) 1,4-Dichlorobenzene	8.19	146	299540	41.72	ng	99
14) 1,2-Dichlorobenzene	8.51	146	289062	40.50	ng	92
15) Benzyl Alcohol	8.40	79	390199	49.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	369844	43.05	ng	96
17) 2-Methylphenol	8.60	107	295588	51.18	ng	95
18) Hexachloroethane	9.24	117	125929	41.55	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	321318	41.33	ng	97
20) 3+4-Methylphenols	8.93	107	414547	51.47	ng	96
22) Acetophenone	8.98	105	512801	37.71	ng	# 91
24) Nitrobenzene	9.37	77	472934	42.05	ng	95
25) Isophorone	9.89	82	841274	39.52	ng	97
26) 2-Nitrophenol	10.09	139	182933	41.46	ng	87
27) 2,4-Dimethylphenol	10.14	122	330813	43.37	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	470009	39.59	ng	98
29) 2,4-Dichlorophenol	10.63	162	373698	45.94	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	353849	37.96	ng	95
31) Naphthalene	11.03	128	918978	39.84	ng	99
32) Benzoic acid	10.28	122	232422	33.49	ng	95
33) 4-Chloroaniline	11.14	127	156533	13.88	ng	96
34) Hexachlorobutadiene	11.31	225	268894	35.58	ng	# 92
35) Caprolactam	11.92	113	133703m	39.95	ng	
36) 4-Chloro-3-methylphenol	12.26	107	473761	42.58	ng	97
37) 2-Methylnaphthalene	12.63	142	751725	41.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	491447	32.50	ng	99
40) Hexachlorocyclopentadiene	12.97	237	634900	72.94	ng	99

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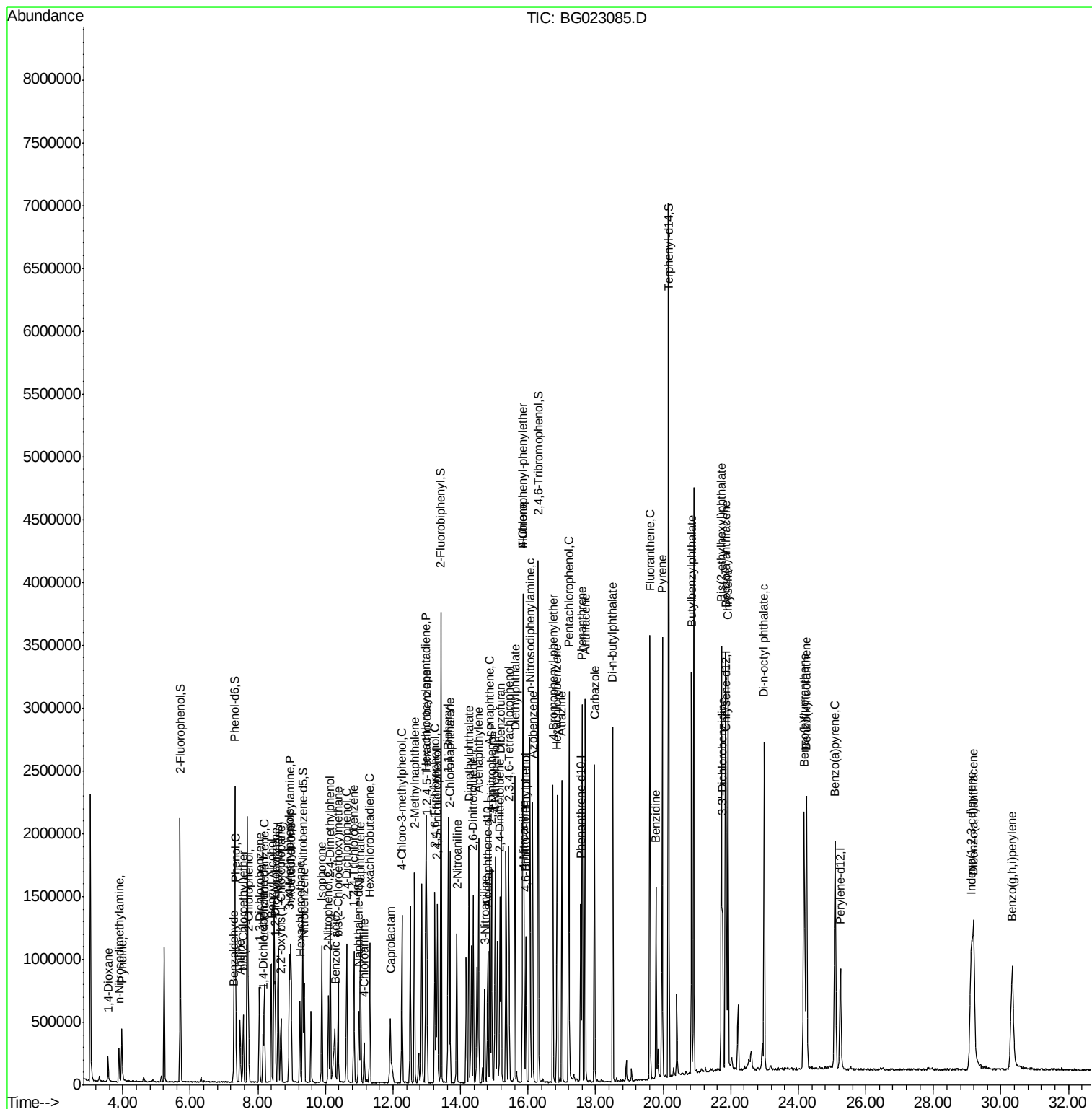
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42) 2,4,6-Trichlorophenol	13.24	196	357563	41.14	nq	99
43) 2,4,5-Trichlorophenol	13.32	196	388718	43.55	nq	93
45) 1,1'-Biphenyl	13.64	154	1062402	40.35	nq	98
46) 2-Chloronaphthalene	13.68	162	885851	41.48	nq	97
47) 2-Nitroaniline	13.89	65	385600	42.32	nq	99
48) Acenaphthylene	14.53	152	1333933	41.64	nq	99
49) Dimethylphthalate	14.25	163	1209704	42.21	nq	100
50) 2,6-Dinitrotoluene	14.38	165	280554	43.55	nq	85
51) Acenaphthene	14.87	154	879246	42.00	nq	95
52) 3-Nitroaniline	14.71	138	149629	23.30	nq	88
53) 2,4-Dinitrophenol	14.92	184	346680	78.44	nq	93
54) Dibenzofuran	15.21	168	1405002	44.84	nq	98
55) 4-Nitrophenol	15.03	139	422430	78.46	nq	94
56) 2,4-Dinitrotoluene	15.16	165	404278	43.05	nq	96
57) Fluorene	15.85	166	1160905	43.04	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	395160m	44.25	nq	
59) Diethylphthalate	15.61	149	1245427	42.71	nq	98
60) 4-Chlorophenyl-phenylether	15.84	204	679790	41.38	nq	95
61) 4-Nitroaniline	15.88	138	267691	38.52	nq	# 84
62) Azobenzene	16.13	77	1378642	49.42	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	257397	39.21	nq	98
65) n-Nitrosodiphenylamine	16.06	169	1064189	41.82	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	457096	39.78	nq	97
67) Hexachlorobenzene	16.86	284	475955	38.10	nq	98
68) Atrazine	17.00	200	438507	38.85	nq	97
69) Pentachlorophenol	17.21	266	608964	75.27	nq	100
70) Phenanthrene	17.60	178	1849249	42.73	nq	98
71) Anthracene	17.69	178	1875564	42.79	nq	98
72) Carbazole	17.97	167	1605813	42.40	nq	98
73) Di-n-butylphthalate	18.51	149	1933654	45.91	nq	98
74) Fluoranthene	19.61	202	2117257	39.86	nq	98
76) Benzidine	19.79	184	950709	36.65	nq	98
77) Pyrene	19.97	202	2121725	41.73	nq	99
79) Butylbenzylphthalate	20.84	149	942470	46.79	nq	96
80) Benzo(a)anthracene	21.84	228	2196544	43.39	nq	99
81) 3,3'-Dichlorobenzidine	21.76	252	626610	28.20	nq	# 99
82) Chrysene	21.91	228	2066894	43.52	nq	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1287811	46.05	nq	99
84) Di-n-octyl phthalate	22.99	149	2119254	45.44	nq	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	2454514	40.54	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2319475	44.25	nq	99
88) Benzo(k)fluoranthene	24.24	252	2176701	43.76	nq	# 97
89) Benzo(a)pyrene	25.09	252	2232055	44.43	nq	# 99
90) Dibenzo(a,h)anthracene	29.19	278	2065520	41.42	nq	# 98
91) Benzo(g,h,i)perylene	30.34	276	1967965	39.41	nq	# 96

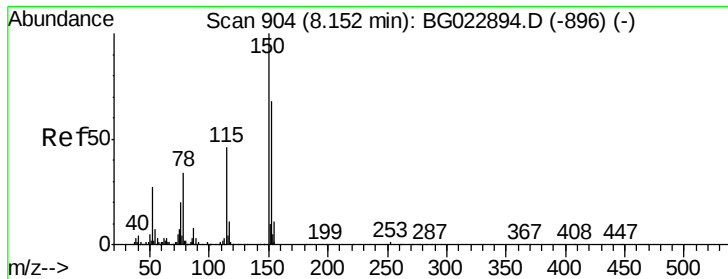
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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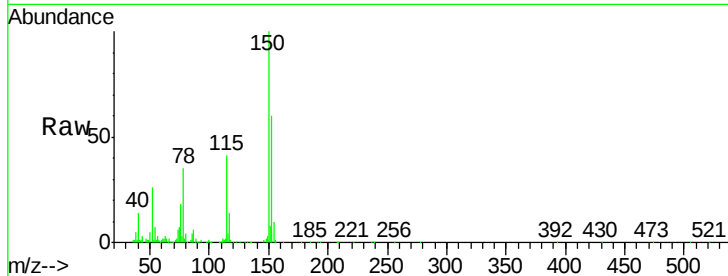


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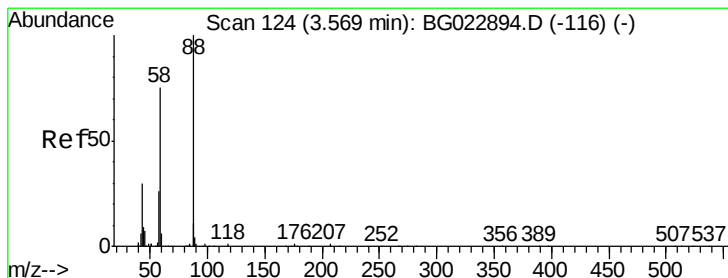
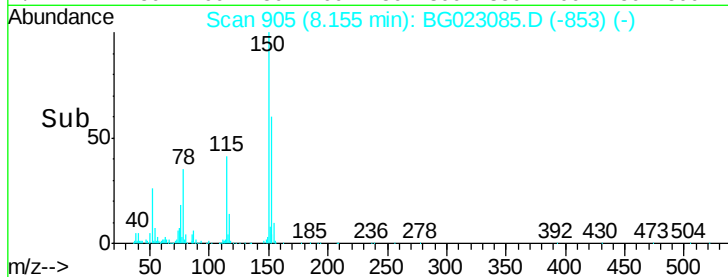
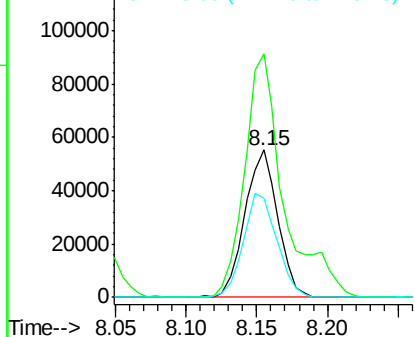
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.6	144.7	217.1
115	67.4	64.0	96.0



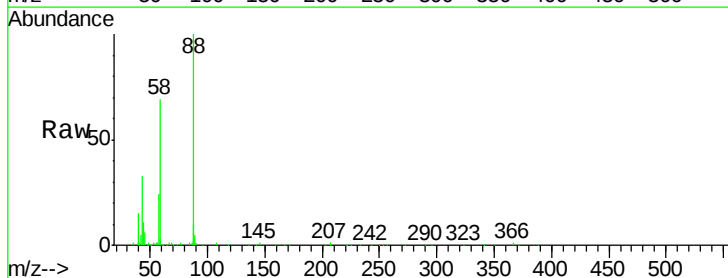
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



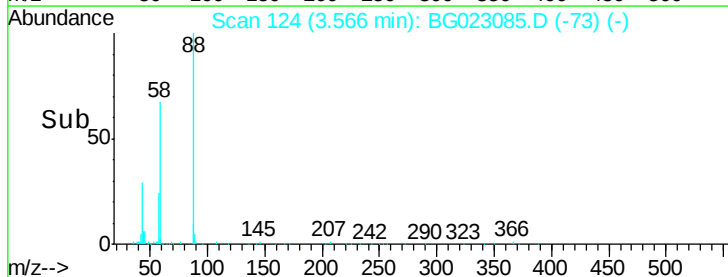
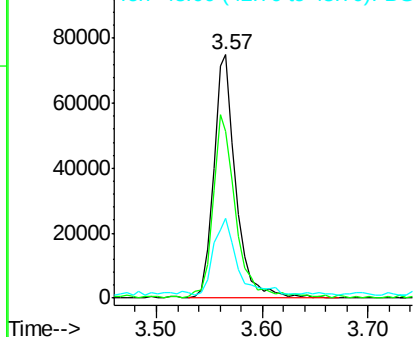
#2

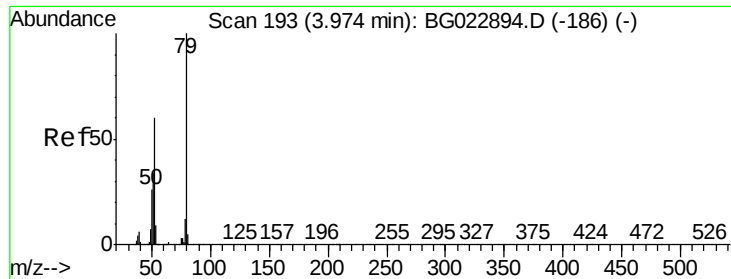
1,4-Dioxane
Concen: 51.44 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	60.4	90.6
43	33.0	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: 35.86 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

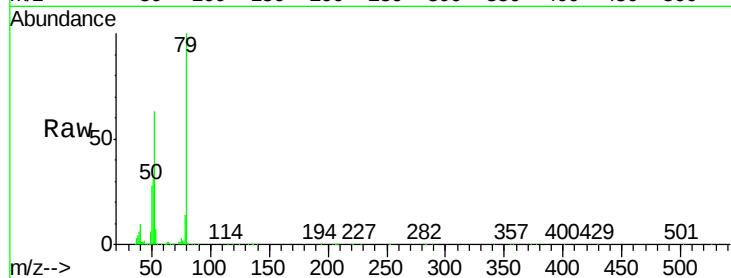
Tot Ion: 79 Resp: 262607

Ion Ratio Lower Upper

79 100

52 63.3 51.8 77.8

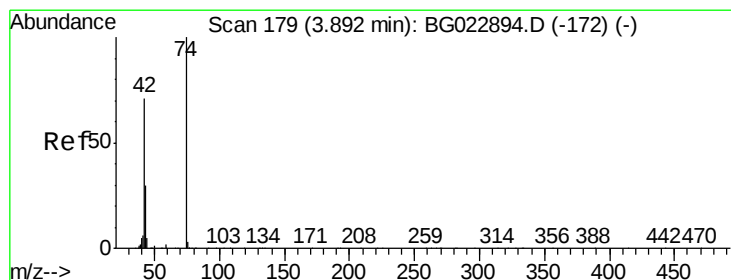
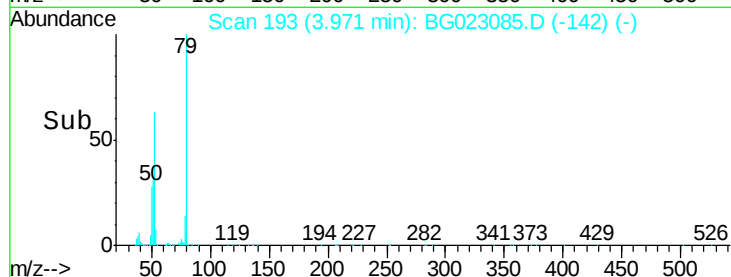
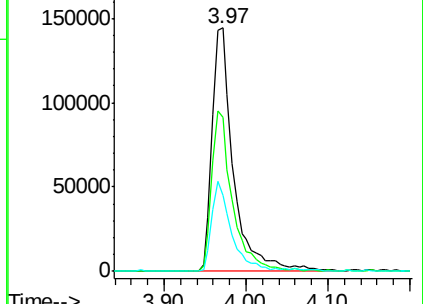
51 30.9 32.7 49.1#



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: 41.74 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

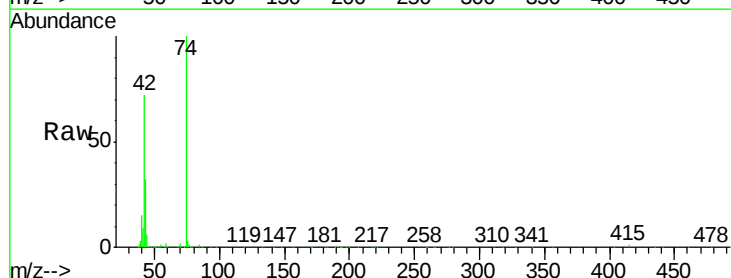
Tgt Ion: 42 Resp: 131141

Ion Ratio Lower Upper

42 100

74 139.0 100.6 150.8

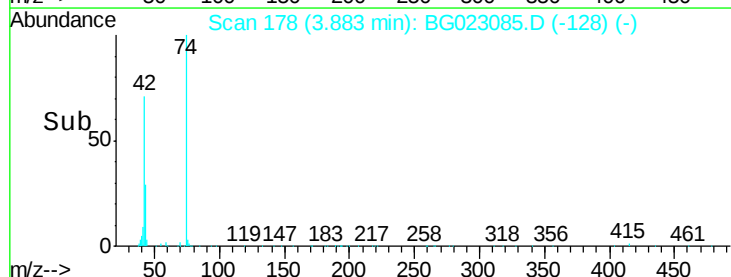
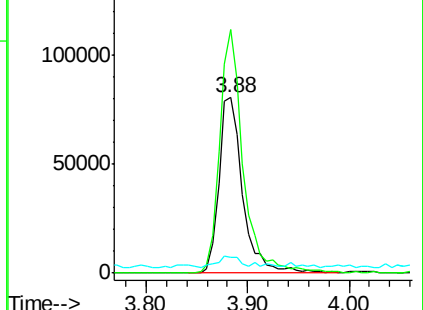
44 8.8 4.5 6.7#

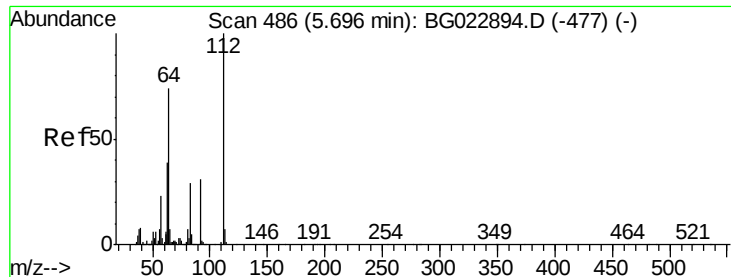


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 151.16 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

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PB92070BS

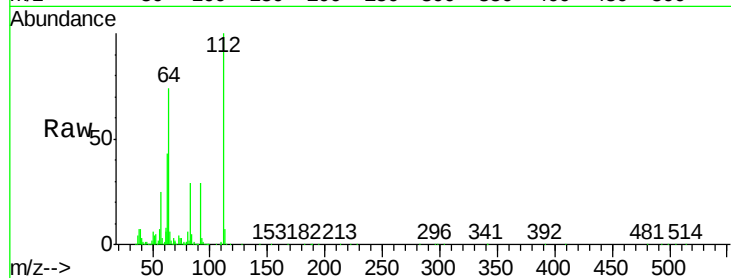
Tot Ion: 112 Resp: 832228

Ion Ratio Lower Upper

112 100

64 74.4 59.0 88.4

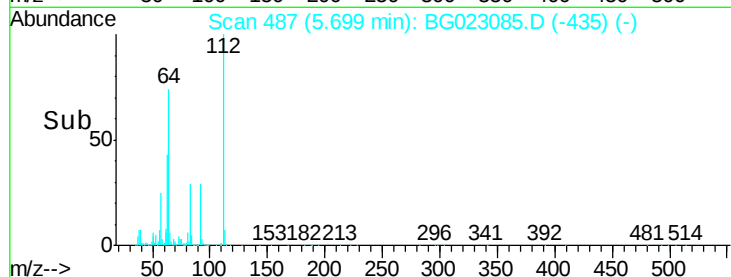
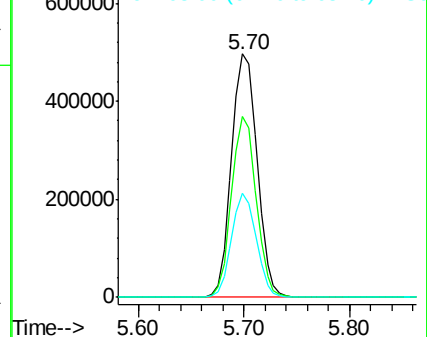
63 42.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.38 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

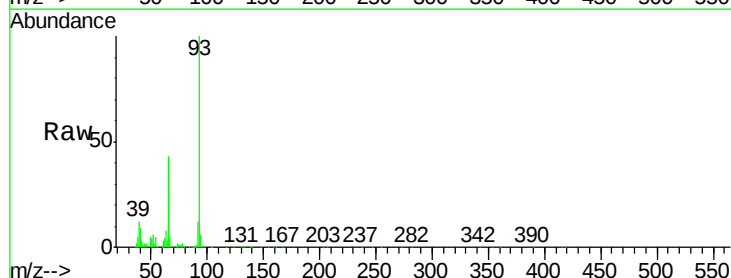
Tgt Ion: 93 Resp: 315289

Ion Ratio Lower Upper

93 100

66 43.4 37.5 56.3

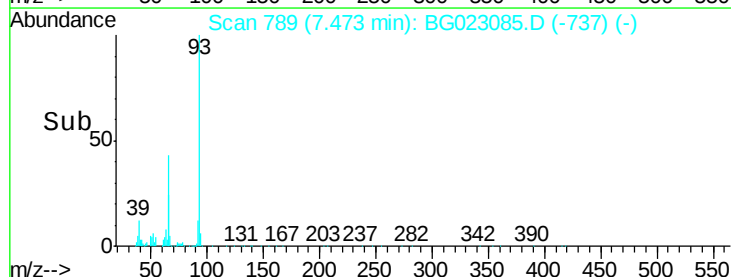
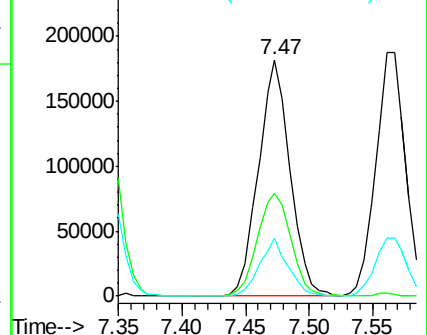
65 24.3 17.9 26.9

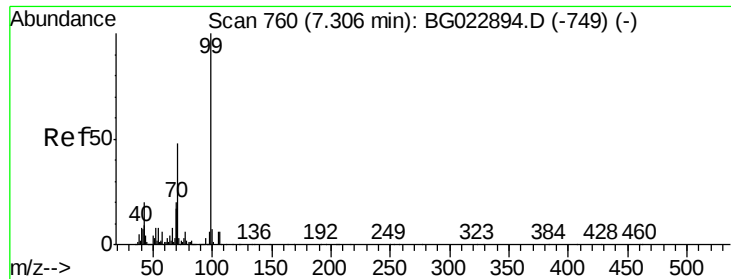


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.46 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023085.D

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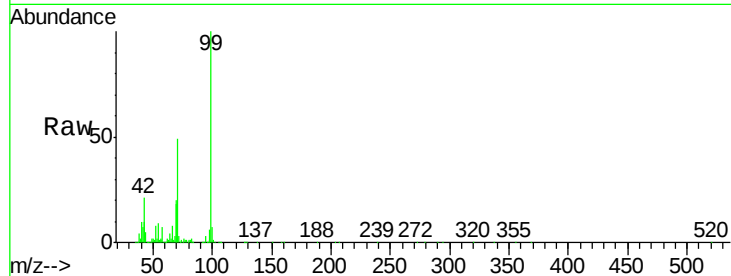
Tot Ion: 99 Resp: 1297456

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.8	26.6
71	49.4	41.5	62.3

99 100

42 20.8 17.8 26.6

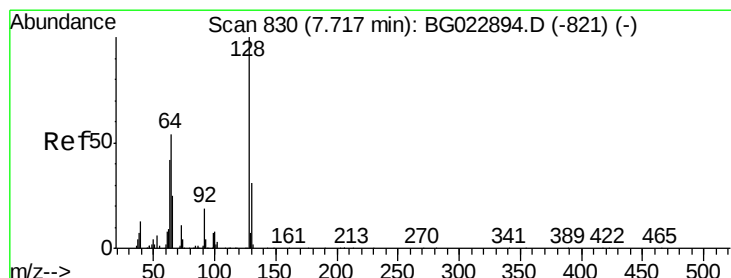
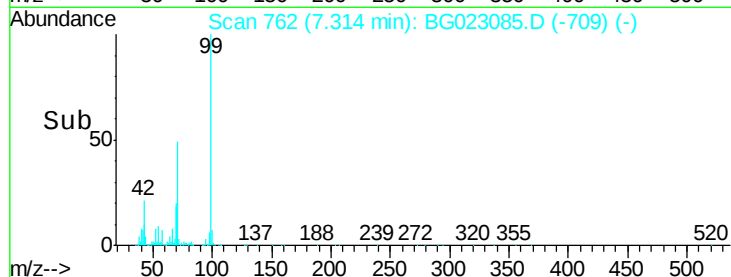
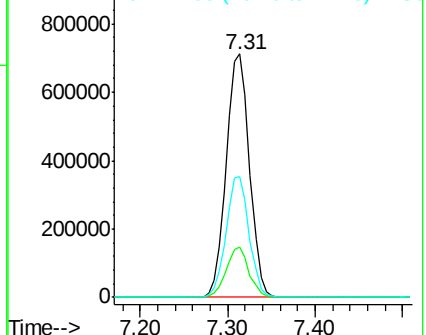
71 49.4 41.5 62.3



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: 50.71 ng

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

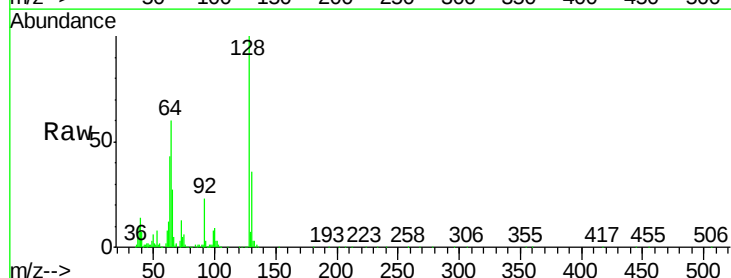
Tgt Ion: 128 Resp: 297085

Ion	Ratio	Lower	Upper
128	100		
130	36.4	12.9	52.9
64	60.2	42.0	82.0

128 100

130 36.4 12.9 52.9

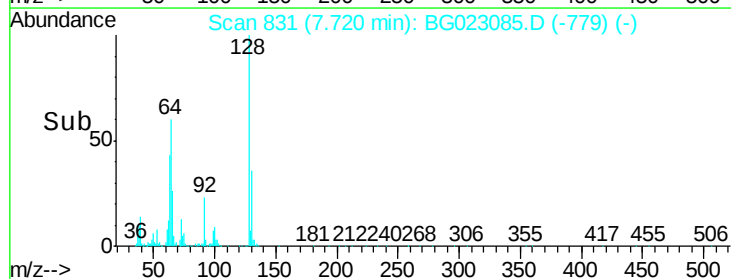
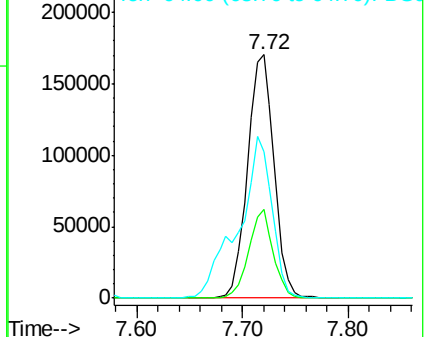
64 60.2 42.0 82.0

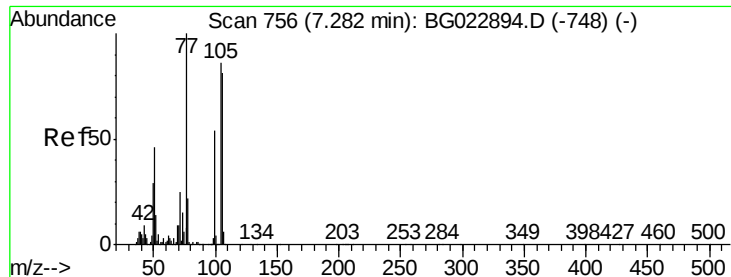


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.41 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

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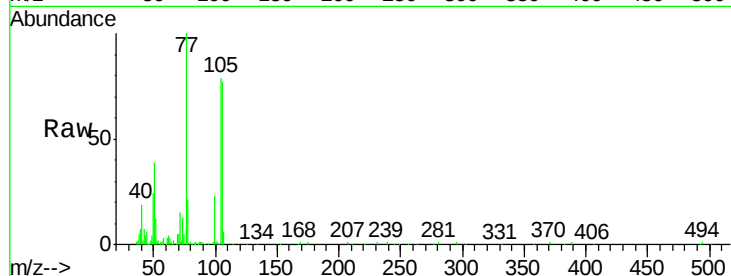
Tot Ion: 77 Resp: 100292

Ion Ratio Lower Upper

77 100

105 78.7 58.7 98.7

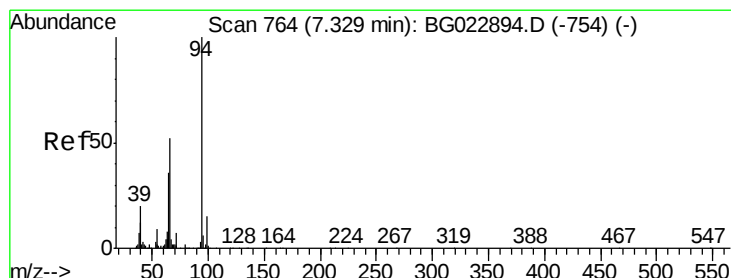
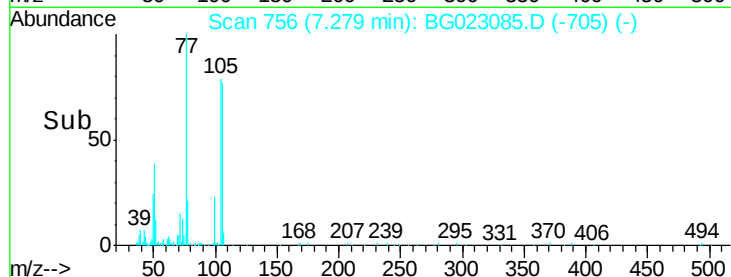
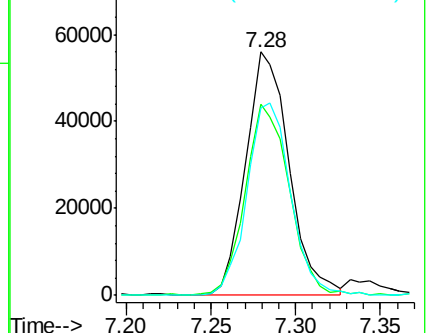
106 77.0 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 51.20 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

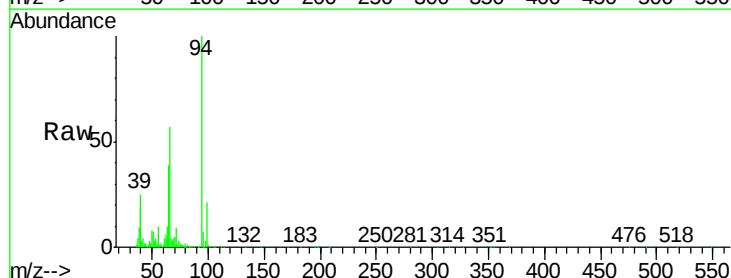
Tgt Ion: 94 Resp: 454281

Ion Ratio Lower Upper

94 100

65 38.5 18.1 58.1

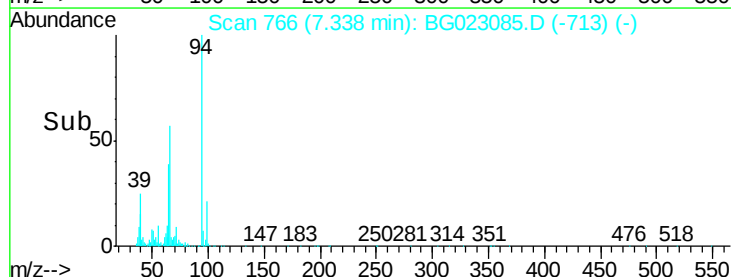
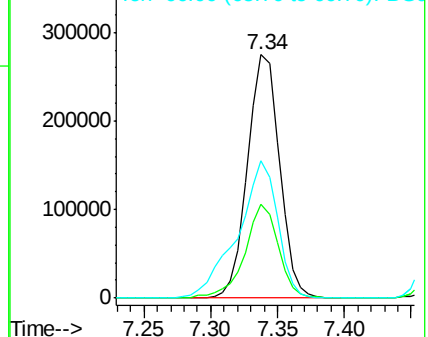
66 56.5 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

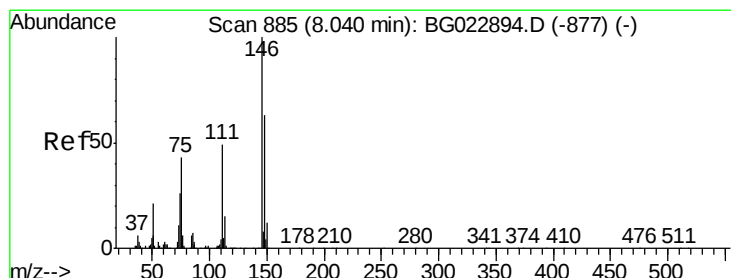
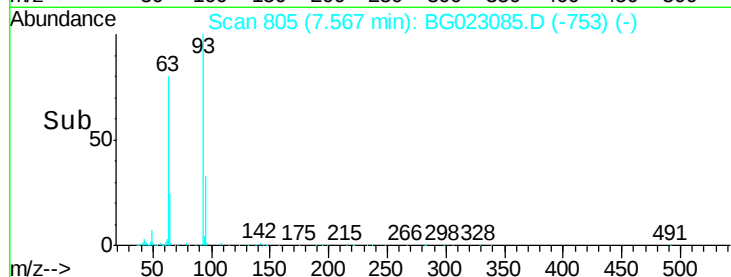
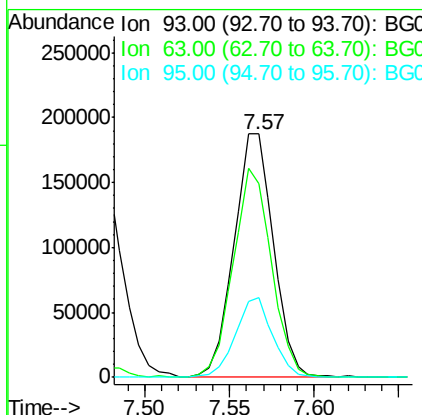
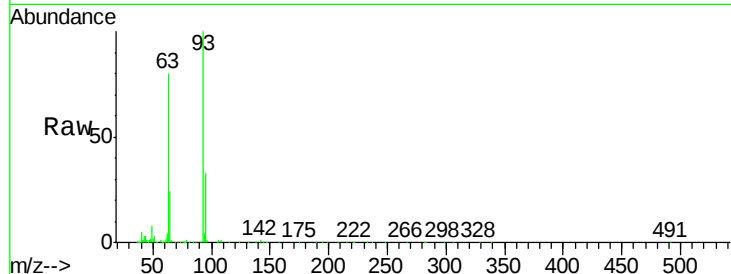




#11
bis(2-Chloroethyl)ether
Concen: 43.20 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

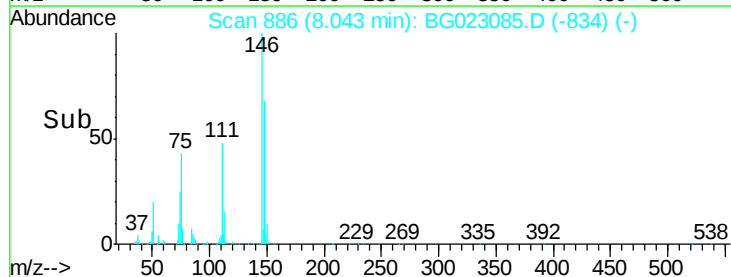
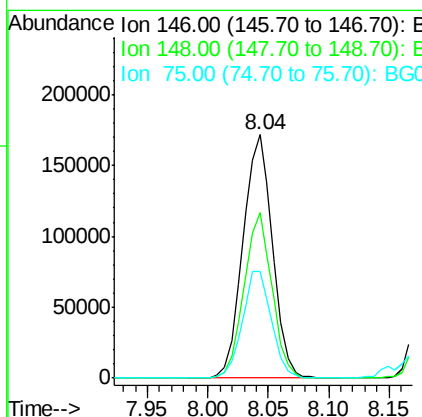
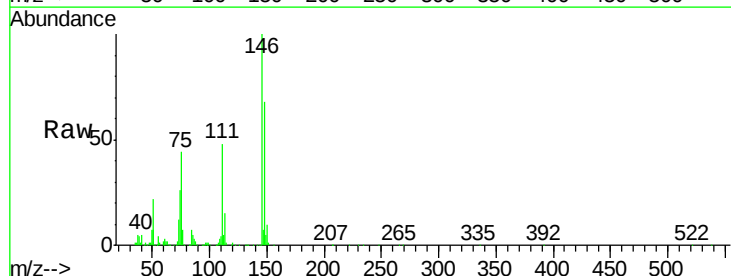
Instrument :
BNA_G
ClientSampleId :
PB92070BS

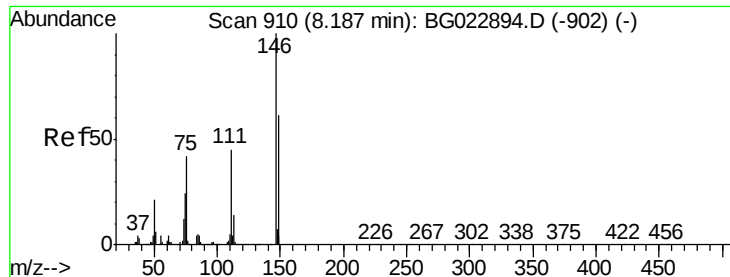
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.7	55.0	95.0
95	33.0	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 40.64 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	50.3	75.5
75	43.6	37.0	55.6

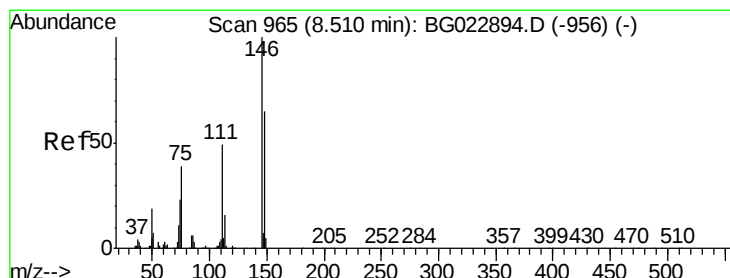
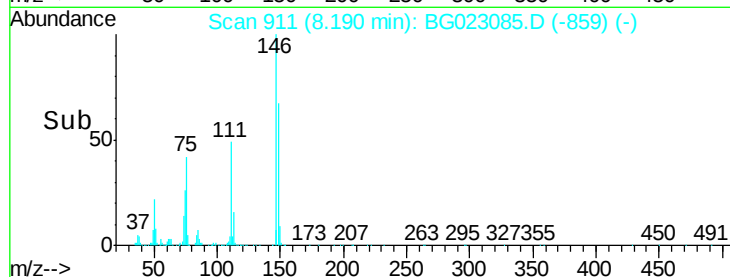
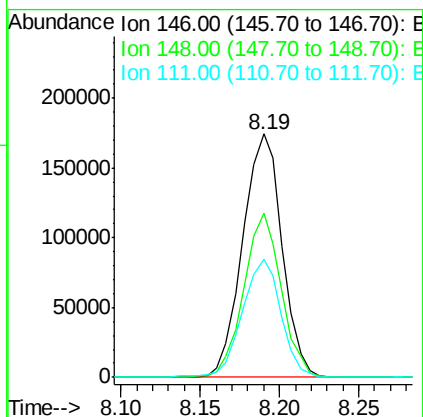
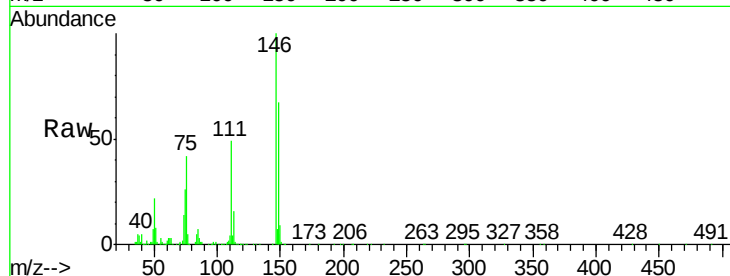




#13
 1,4-Dichlorobenzene
 Concen: 41.72 ng
 RT: 8.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

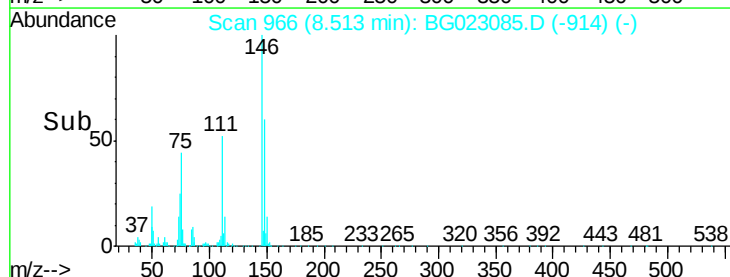
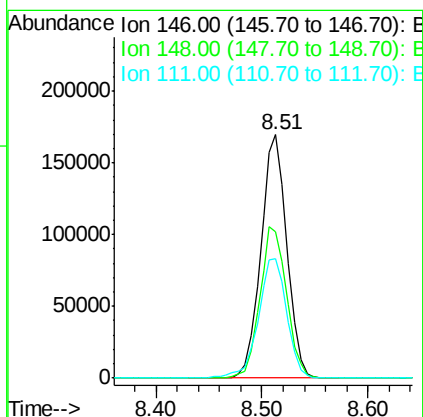
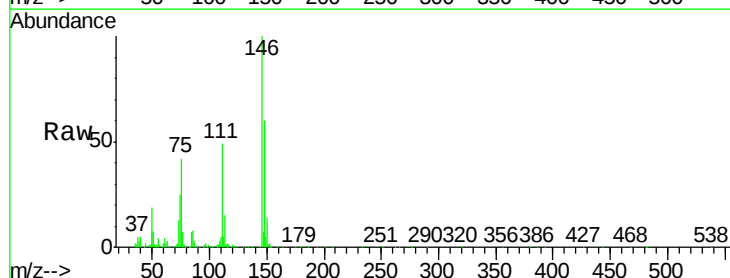
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

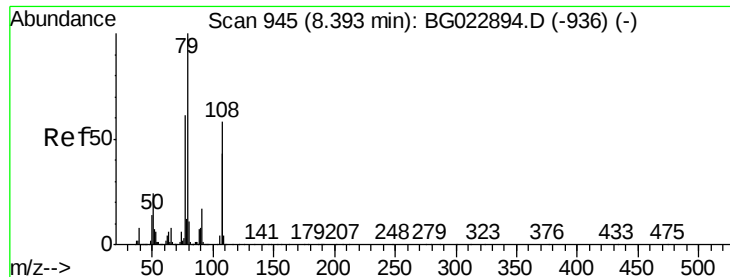
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	54.5	81.7
111	48.5	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 40.50 ng
 RT: 8.51 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	52.9	79.3
111	49.1	43.5	65.3





#15

Benzyl Alcohol

Concen: 49.40 ng

RT: 8.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

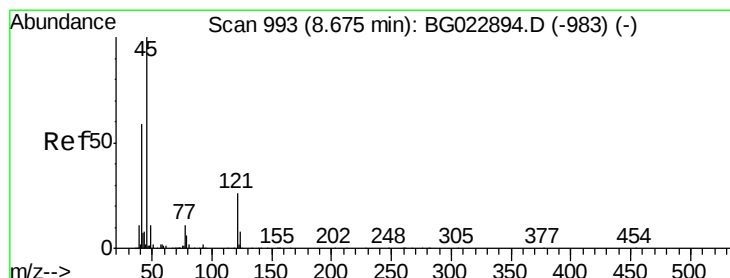
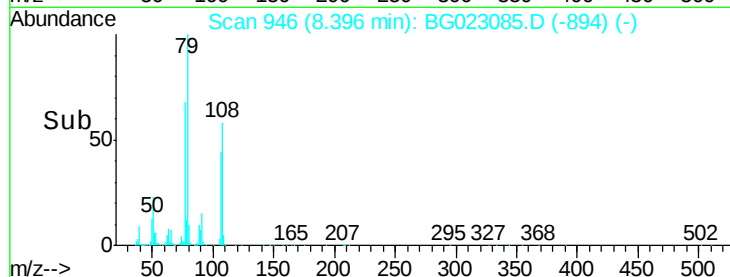
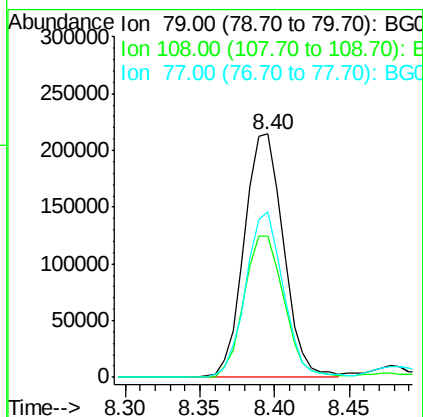
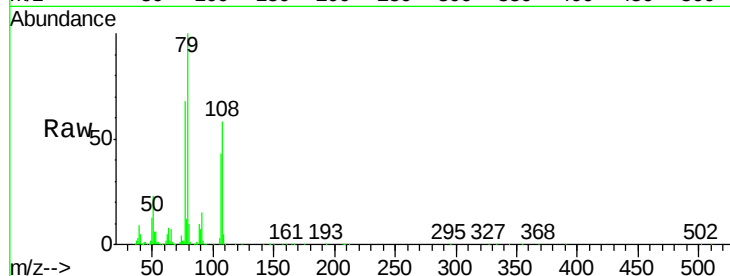
Tot Ion: 79 Resp: 390199

Ion Ratio Lower Upper

79 100

108 58.2 46.5 69.7

77 67.8 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.05 ng

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

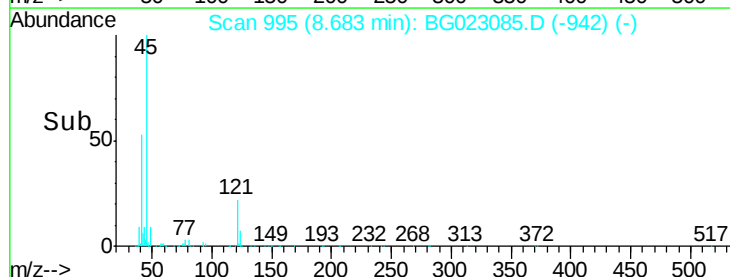
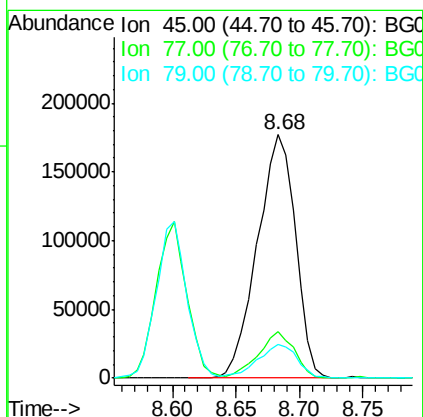
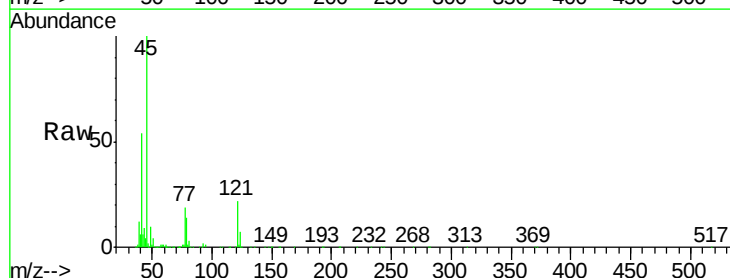
Tgt Ion: 45 Resp: 369844

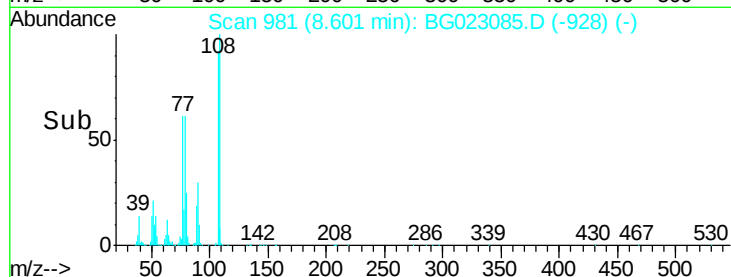
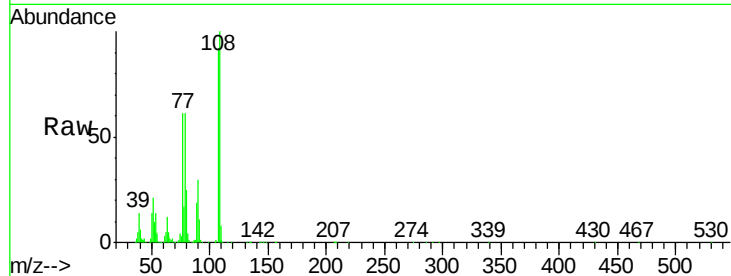
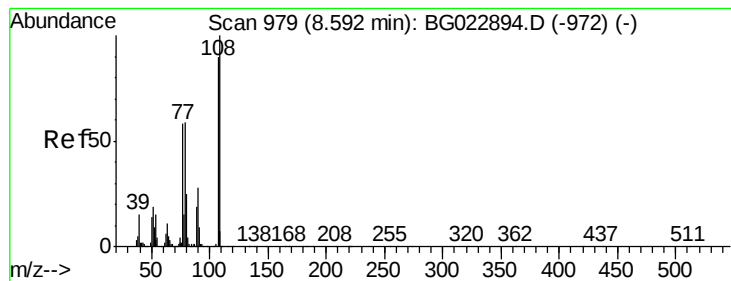
Ion Ratio Lower Upper

45 100

77 18.8 0.6 40.6

79 13.9 0.0 36.2





#17

2-Methylphenol

Concen: 51.18 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:107 Resp: 295588

Ion Ratio Lower Upper

107 100

108 108.5 92.0 138.0

77 66.1 55.8 83.6

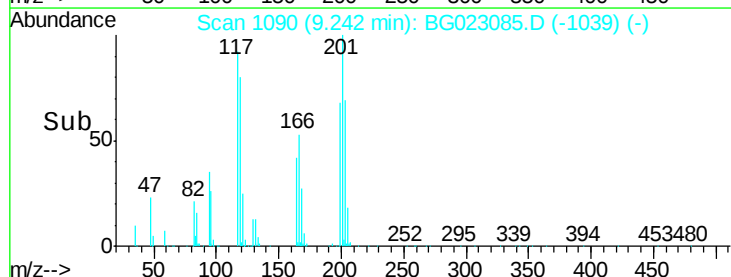
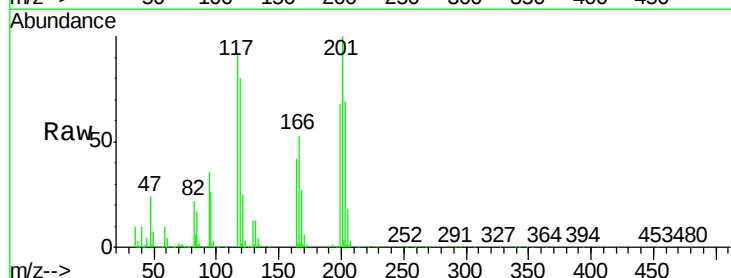
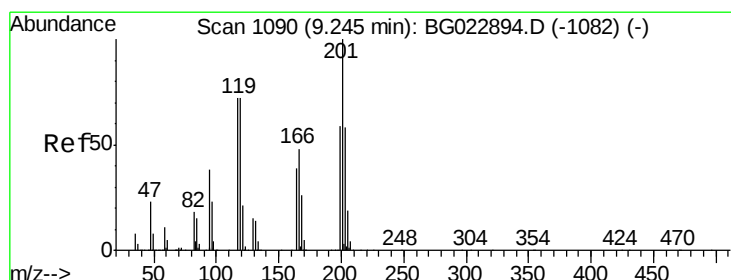
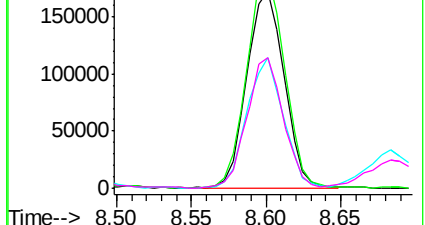
79 66.2 55.0 82.6

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: 41.55 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Tgt Ion:117 Resp: 125929

Ion Ratio Lower Upper

117 100

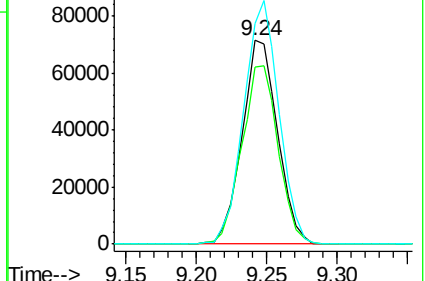
119 86.5 73.7 110.5

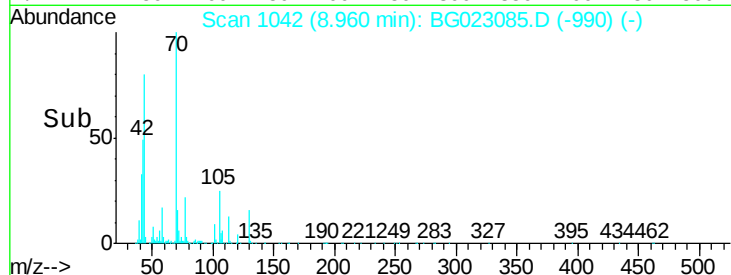
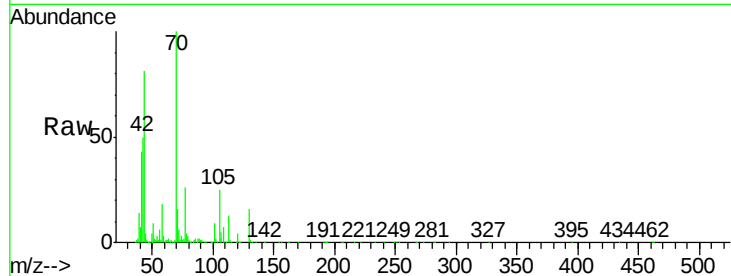
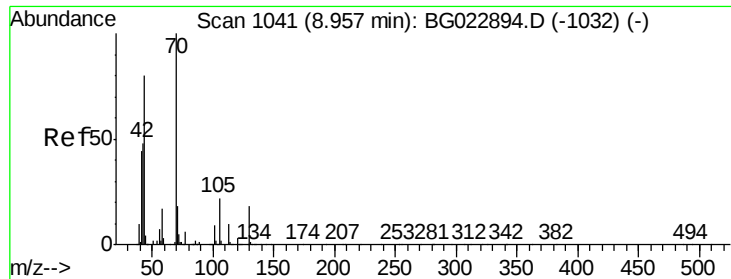
201 108.5 88.7 133.1

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

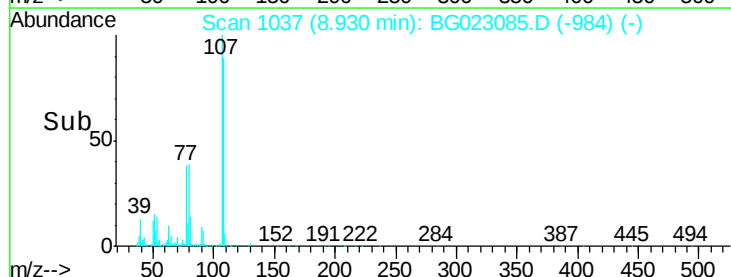
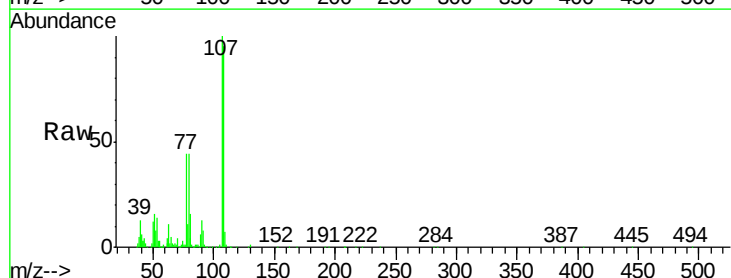
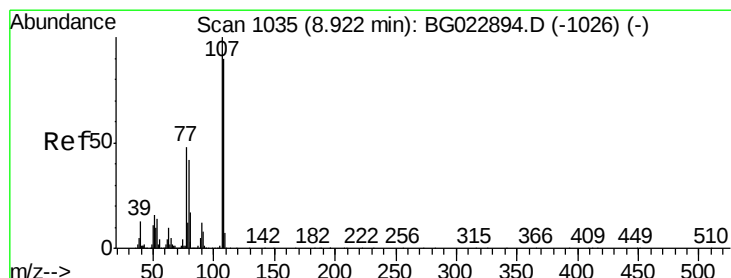
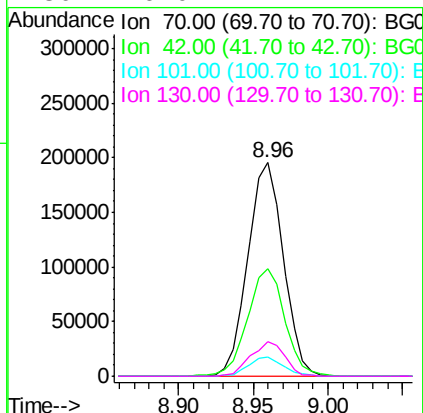




#19
n-Nitroso-di-n-propylamine
Concen: 41.33 ng
RT: 8.96 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

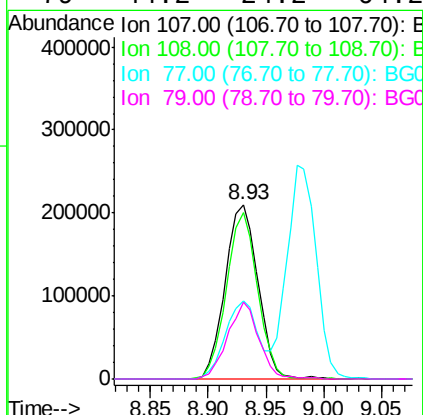
Instrument :
BNA_G
ClientSampleId :
PB92070BS

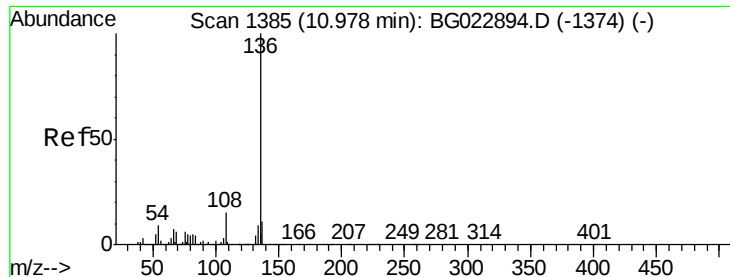
Tot Ion:	70	Resp:	321318
Ion	Ratio	Lower	Upper
70	100		
42	50.3	42.1	63.1
101	8.8	7.2	10.8
130	16.0	14.2	21.2



#20
3+4-Methylphenols
Concen: 51.47 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion:	107	Resp:	414547
Ion	Ratio	Lower	Upper
107	100		
108	95.1	72.5	112.5
77	44.5	30.1	70.1
79	44.2	24.2	64.2

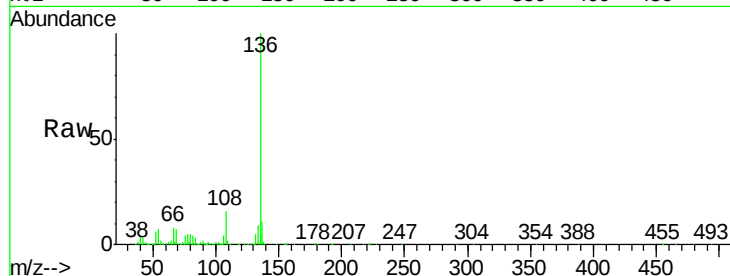




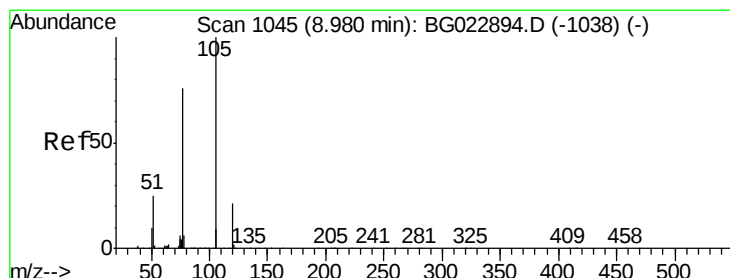
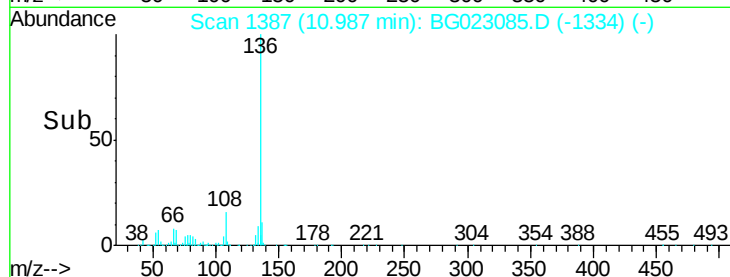
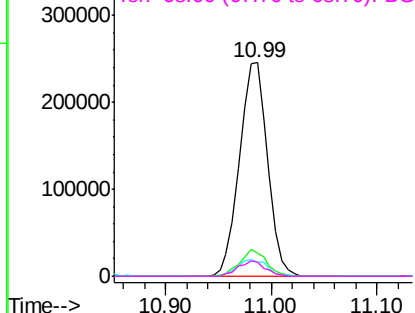
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion:136	Resp:	453160
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.6 14.4
54	6.6	7.3 10.9#
68	6.6	5.3 7.9

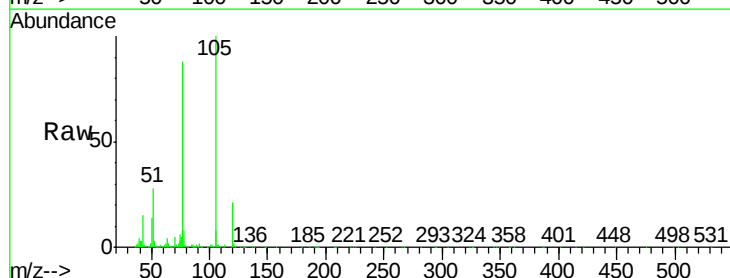


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

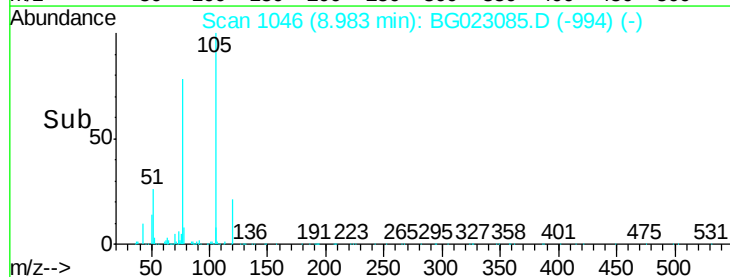
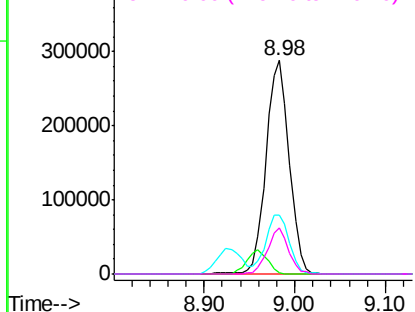


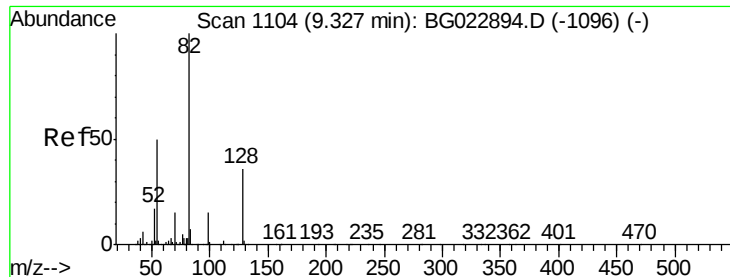
#22
Acetophenone
Concen: 37.71 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion:105	Resp:	512801
Ion Ratio	Lower	Upper
105	100	
71	0.6	2.6 3.8#
51	27.6	27.1 40.7
120	21.4	15.1 22.7



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

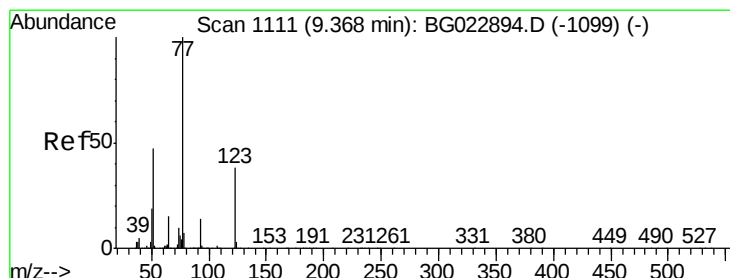
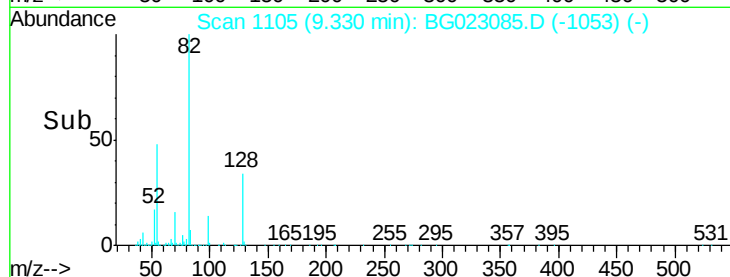
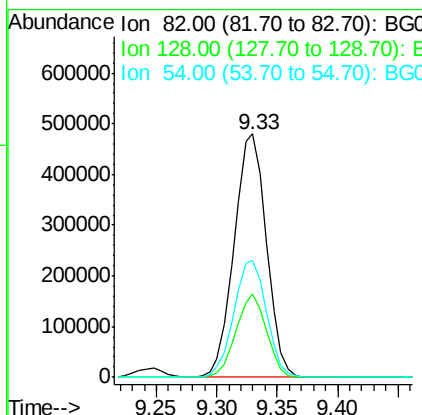
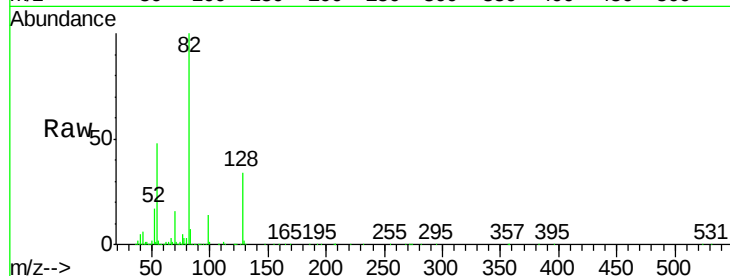




#23
 Nitrobenzene-d5
 Concen: 84.42 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

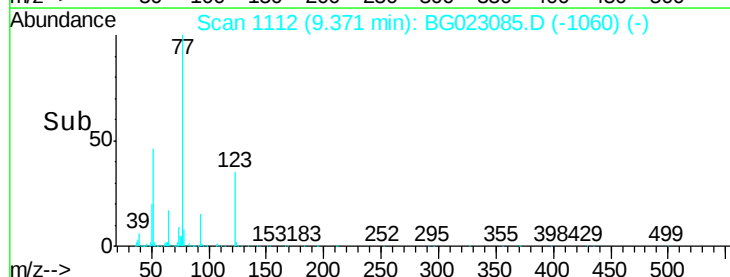
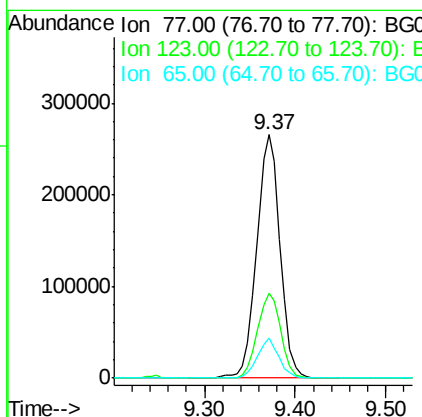
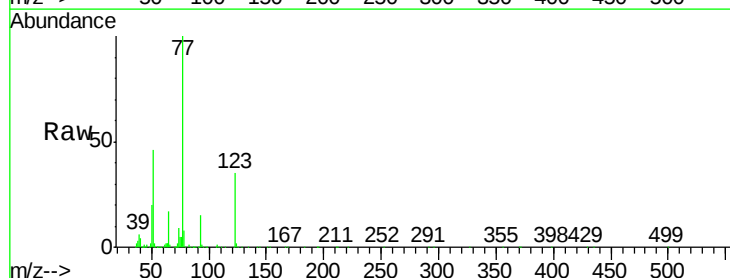
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

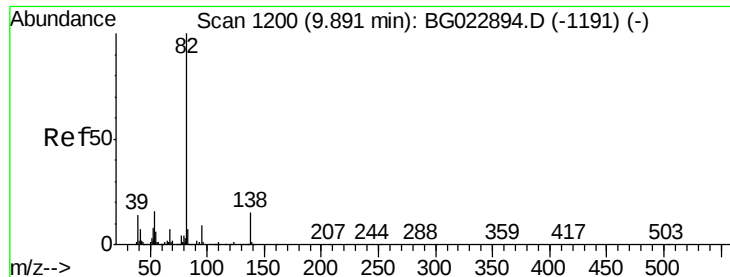
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	24.4	36.6
54	47.8	41.4	62.0



#24
 Nitrobenzene
 Concen: 42.05 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	25.0	37.6
65	16.6	13.4	20.0





#25

Isophorone

Concen: 39.52 ng

RT: 9.89 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

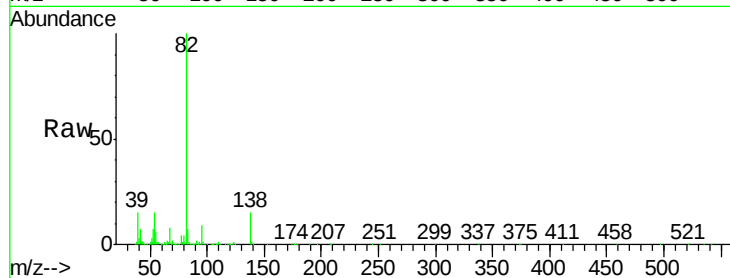
Tot Ion: 82 Resp: 841274

Ion Ratio Lower Upper

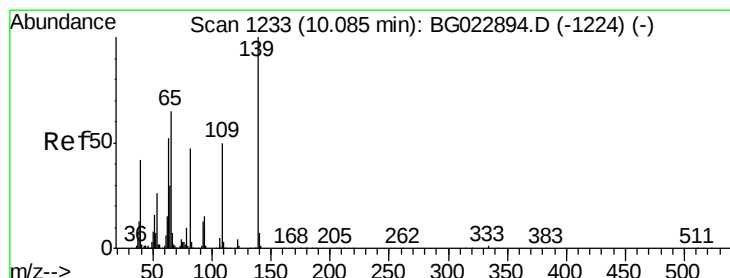
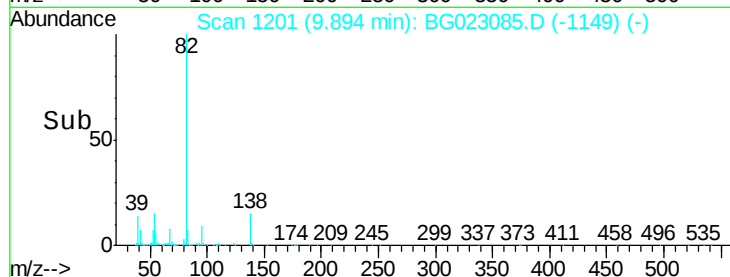
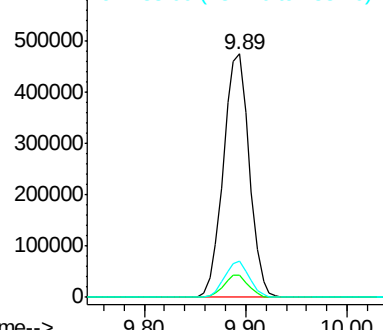
82 100

95 9.3 8.2 12.2

138 14.8 10.7 16.1



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



#26

2-Nitrophenol

Concen: 41.46 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

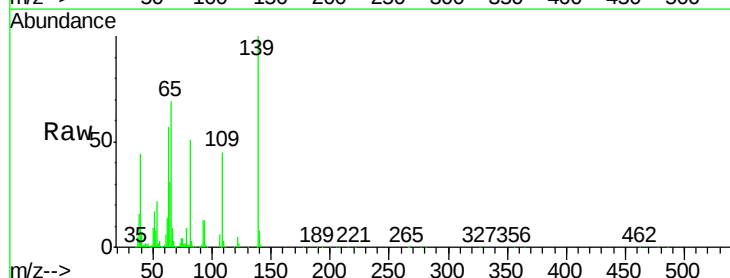
Tgt Ion: 139 Resp: 182933

Ion Ratio Lower Upper

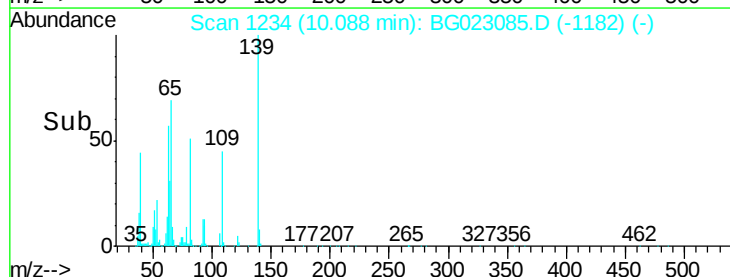
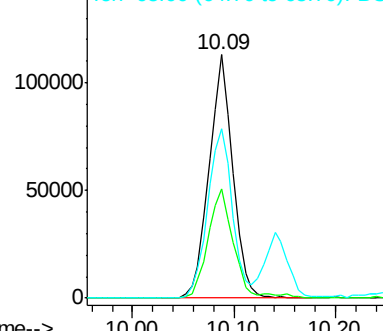
139 100

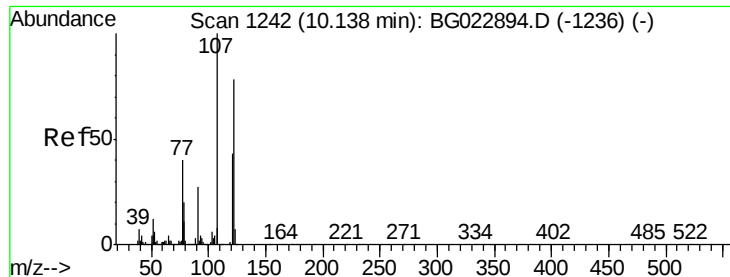
109 44.6 43.5 65.3

65 69.3 64.3 96.5



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

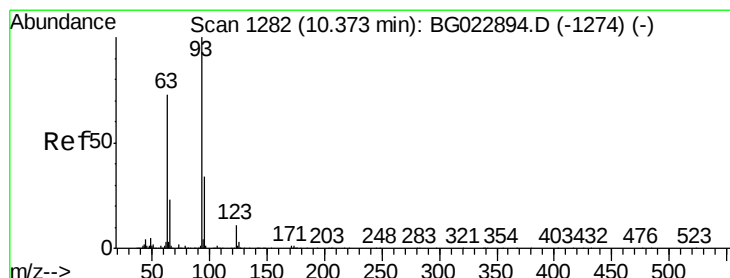
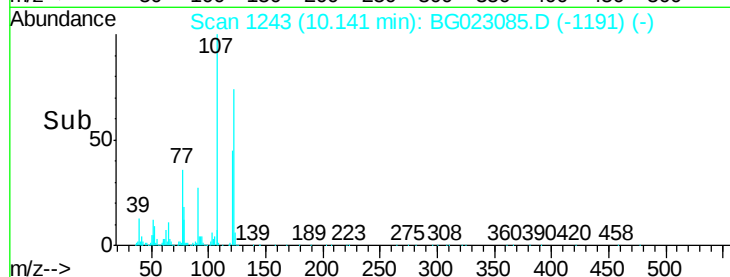
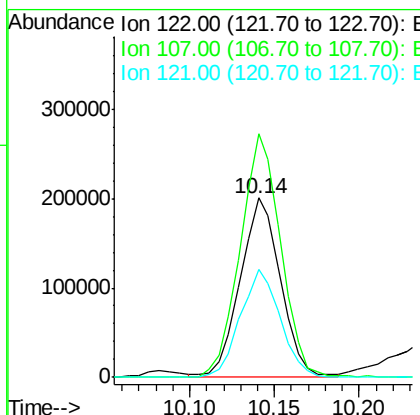
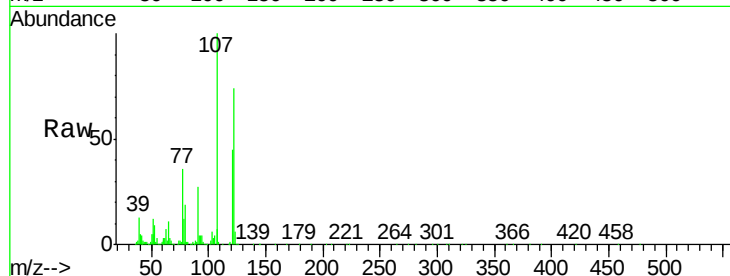




#27
 2,4-Dimethylphenol
 Concen: 43.37 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

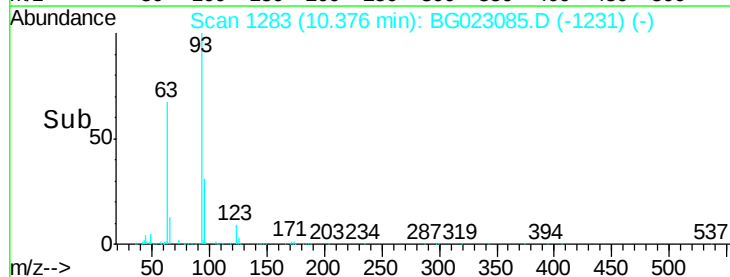
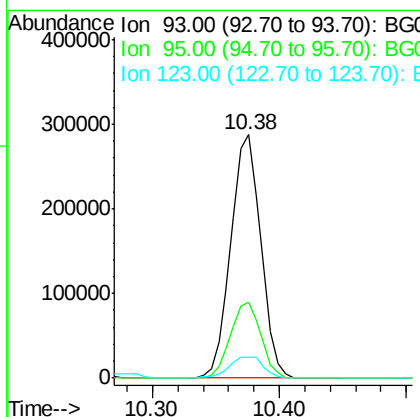
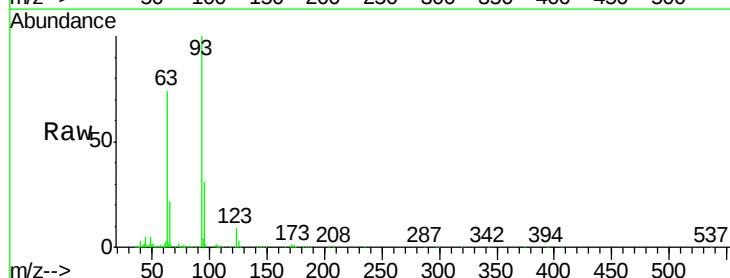
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

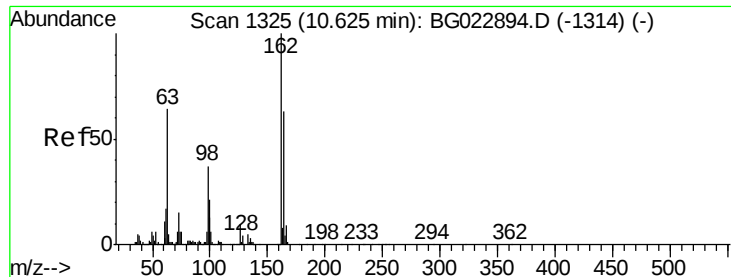
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.0	117.0	175.4
121	60.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.59 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.4	38.2
123	8.8	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 45.94 ng

RT: 10.63 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

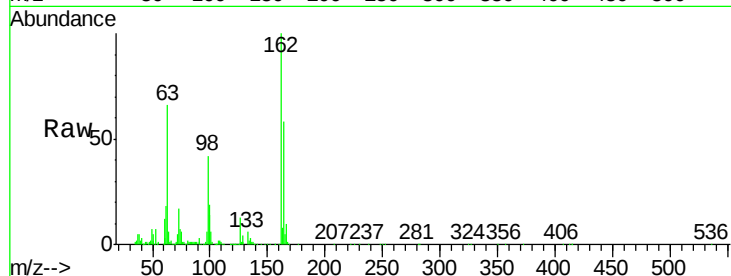
Tot Ion:162 Resp: 373698

Ion Ratio Lower Upper

162 100

164 58.4 44.3 84.3

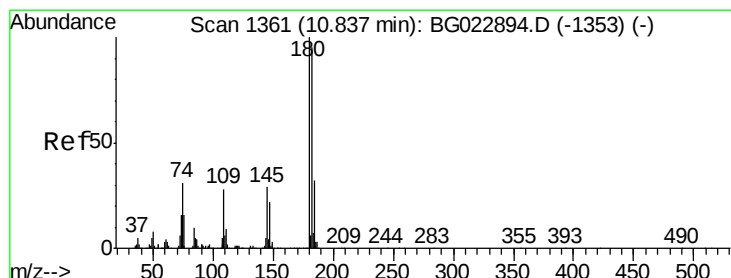
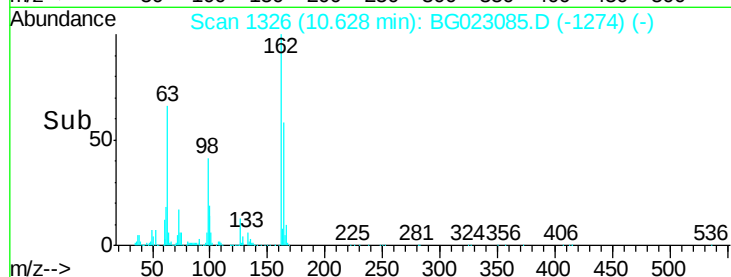
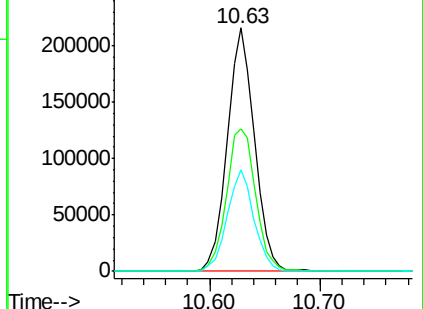
98 41.6 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.96 ng

RT: 10.84 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

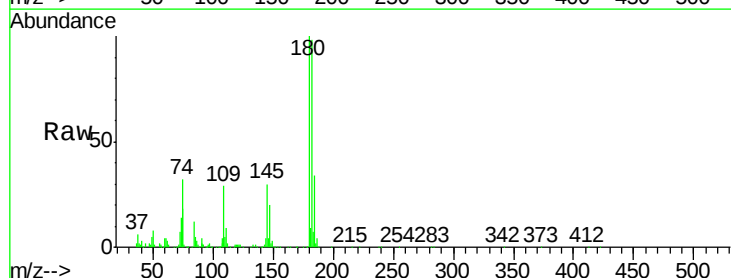
Tgt Ion:180 Resp: 353849

Ion Ratio Lower Upper

180 100

182 98.3 73.8 110.8

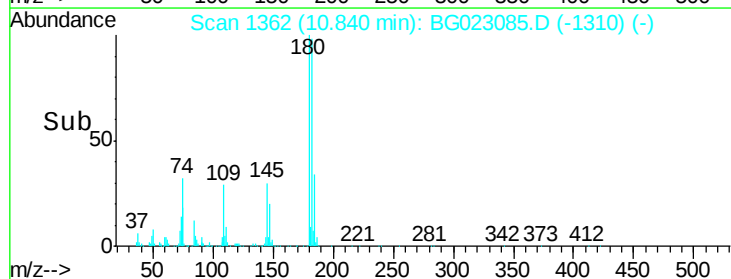
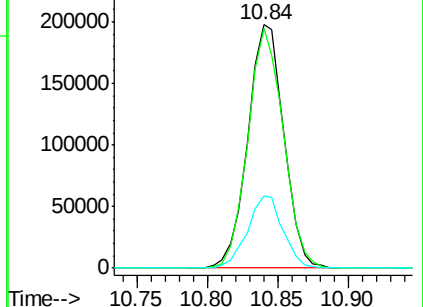
145 29.7 24.4 36.6

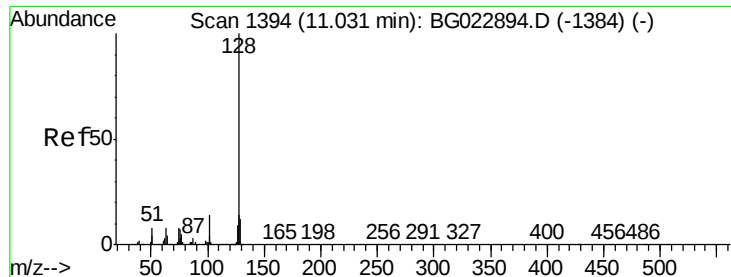


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

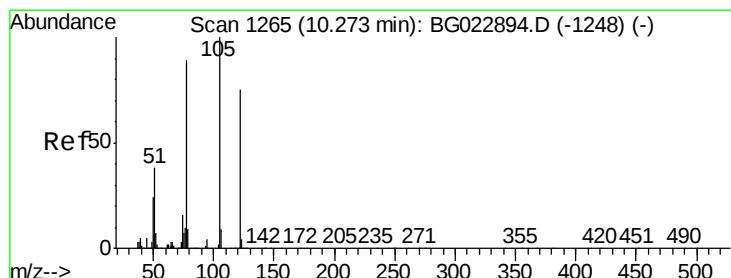
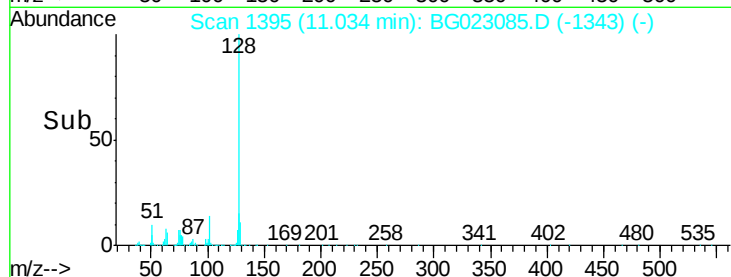
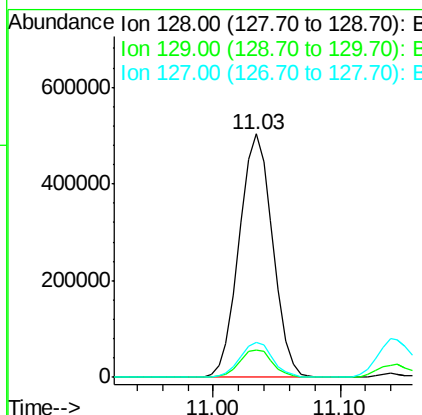
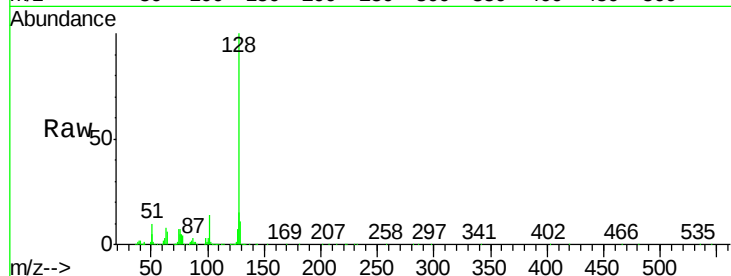




#31
Naphthalene
Concen: 39.84 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

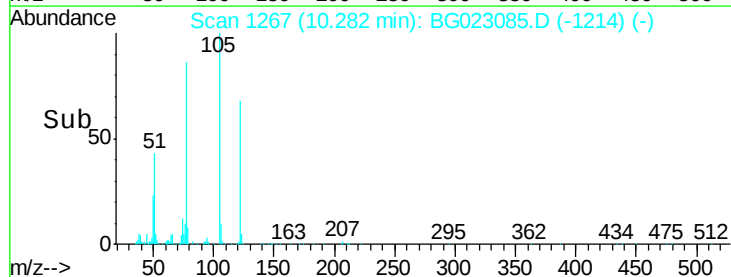
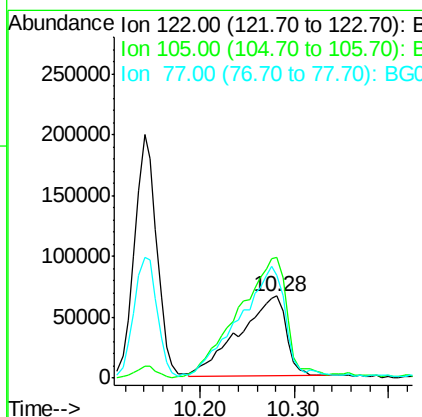
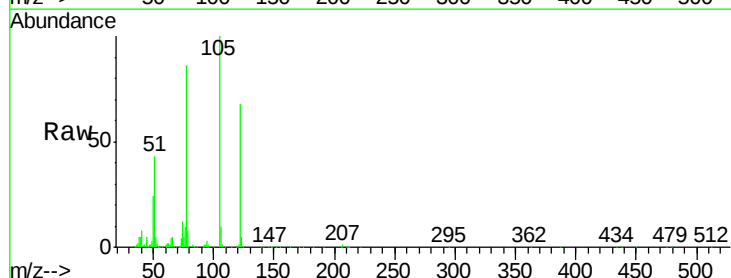
Instrument :
BNA_G
ClientSampleId :
PB92070BS

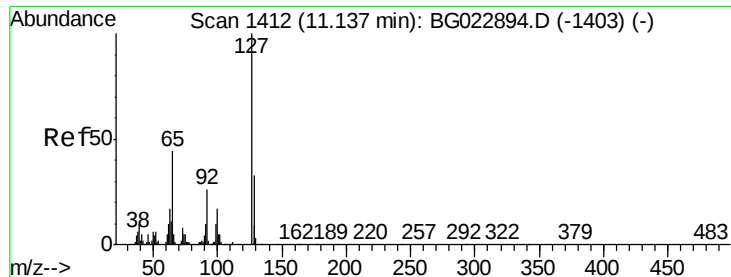
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	14.5	11.3	16.9



#32
Benzoic acid
Concen: 33.49 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	147.2	117.2	157.2
77	126.5	109.2	149.2

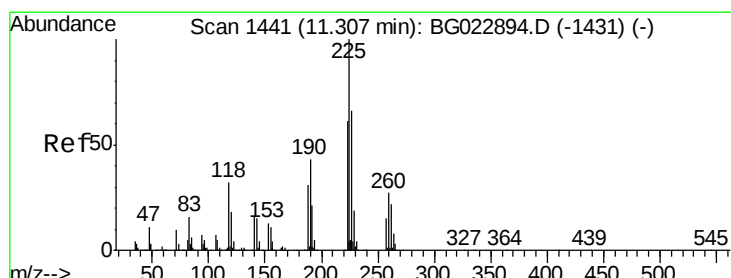
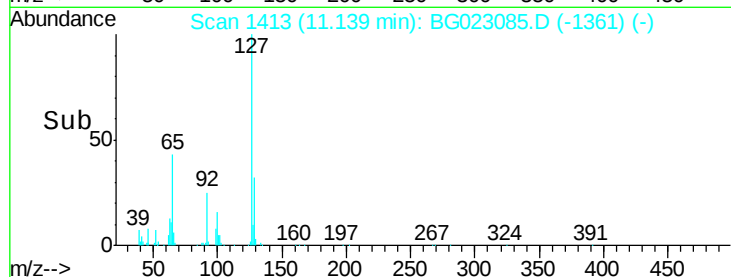
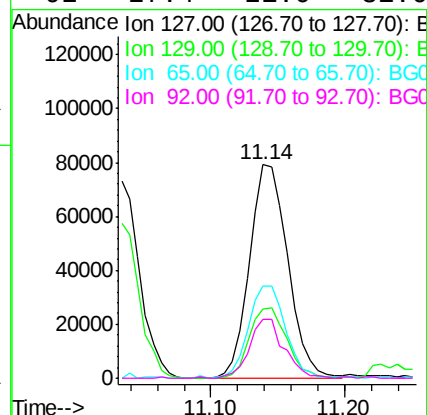
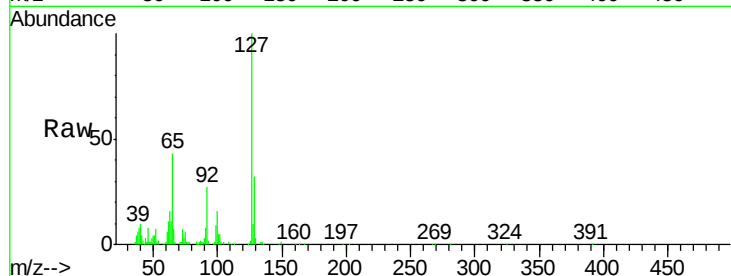




#33
4-Chloroaniline
Concen: 13.88 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

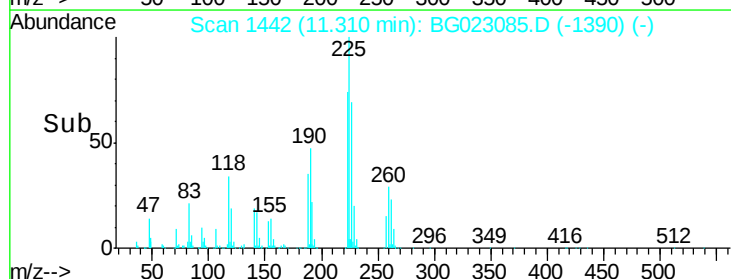
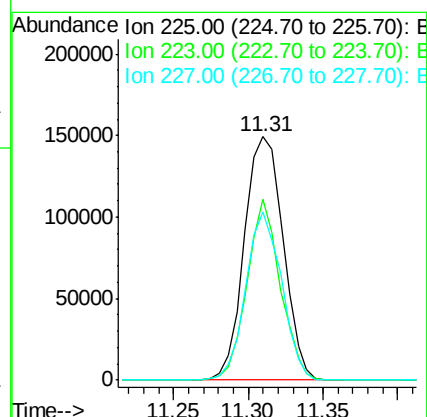
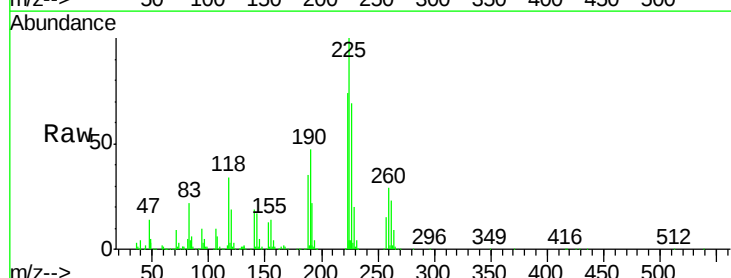
Instrument :
BNA_G
ClientSampleId :
PB92070BS

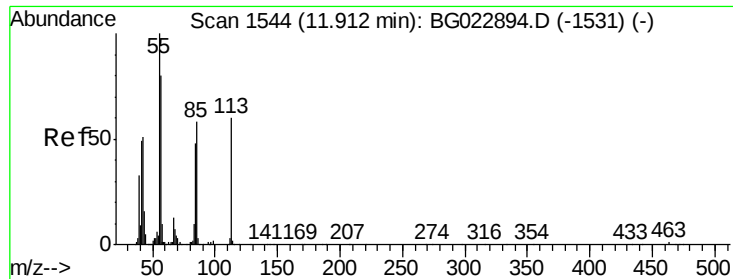
Tot Ion:	127	Resp:	156533
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.9	41.9
65	43.1	36.8	55.2
92	27.4	21.0	31.6



#34
Hexachlorobutadiene
Concen: 35.58 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion:	225	Resp:	268894
Ion	Ratio	Lower	Upper
225	100		
223	74.4	49.6	74.4#
227	69.1	54.5	81.7





#35

Caprolactam

Concen: 39.95 ng/mL

RT: 11.92 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

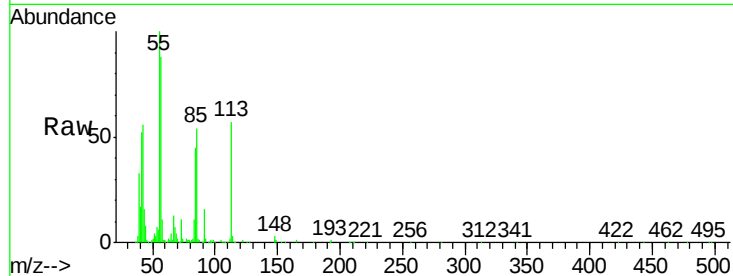
Tot Ion: 113 Resp: 133703

Ion Ratio Lower Upper

113 100

55 174.2 154.5 194.5

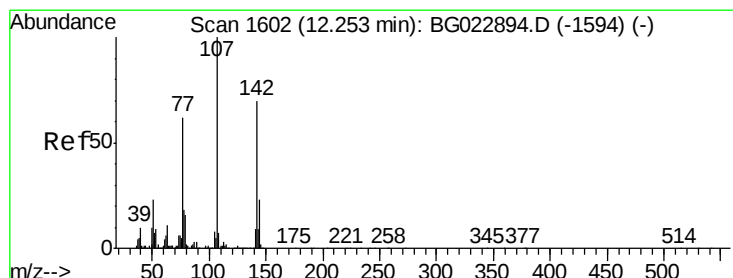
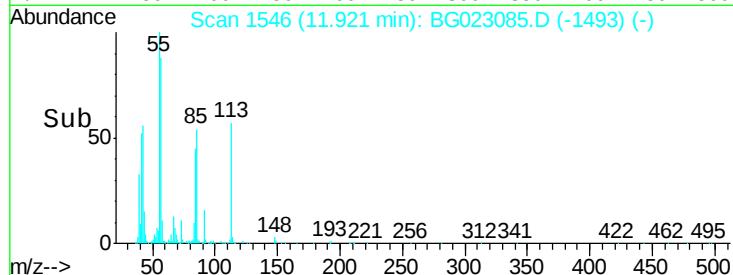
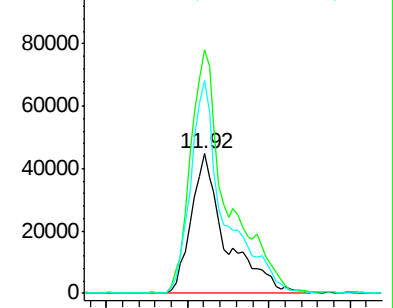
56 152.7 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG022894.D (-1531) (-)

Ion 56.00 (55.70 to 56.70): BG022894.D (-1531) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.58 ng/mL

RT: 12.26 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

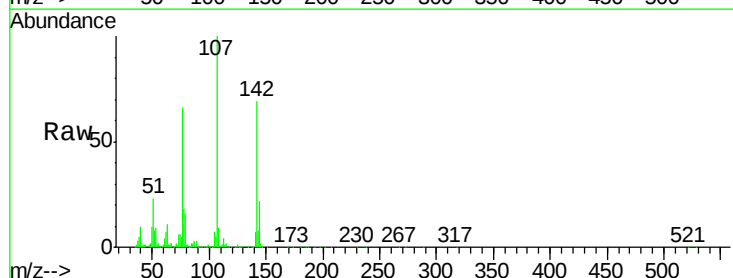
Tgt Ion: 107 Resp: 473761

Ion Ratio Lower Upper

107 100

144 22.1 17.0 25.6

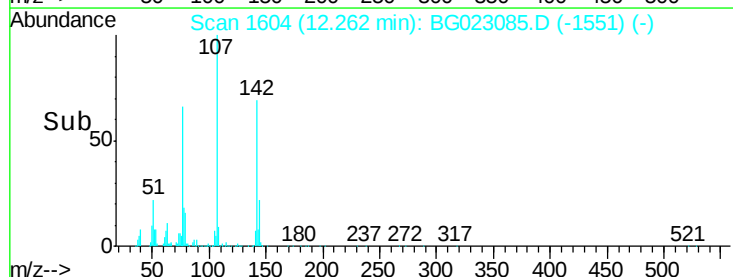
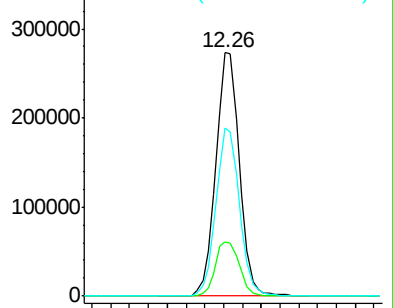
142 68.8 53.0 79.6

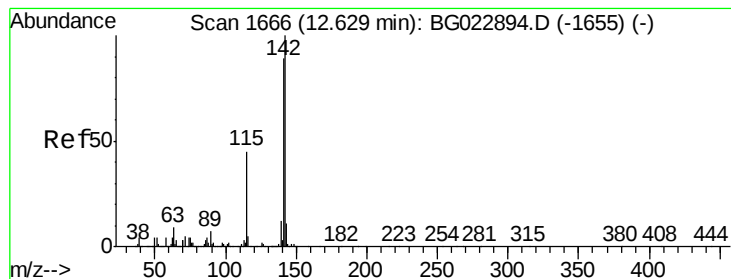


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.23 ng

RT: 12.63 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

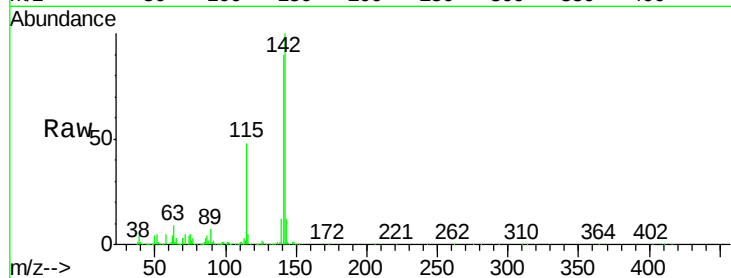
Tot Ion:142 Resp: 751725

Ion Ratio Lower Upper

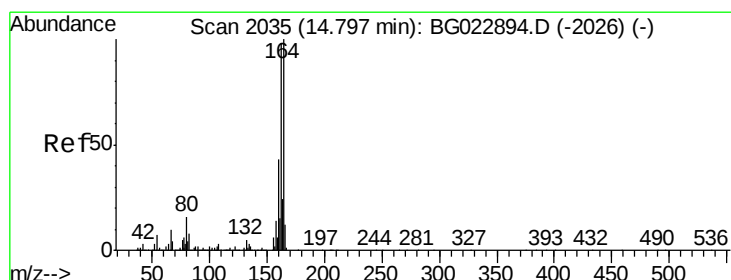
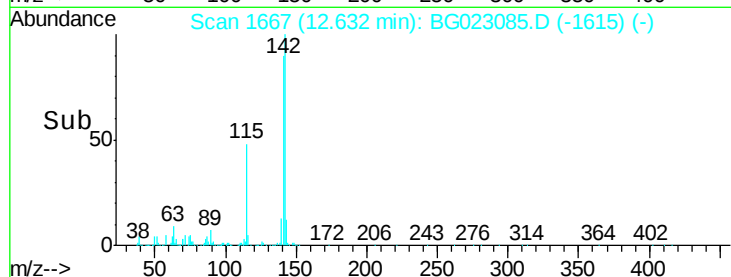
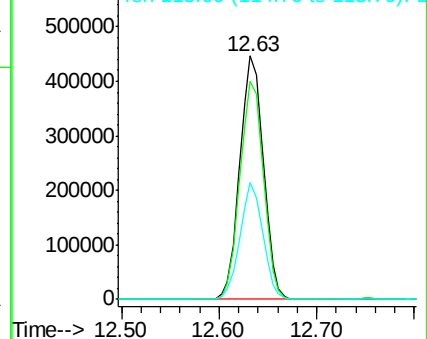
142 100

141 89.7 70.2 105.2

115 48.2 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

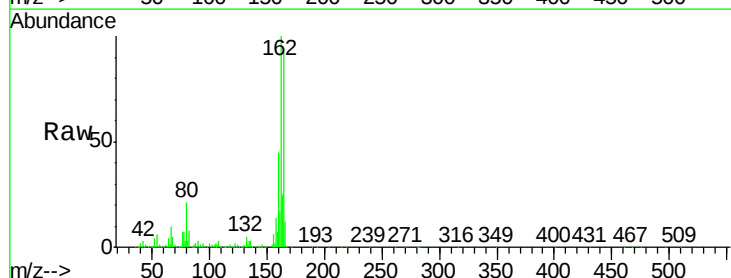
Tgt Ion:164 Resp: 350881

Ion Ratio Lower Upper

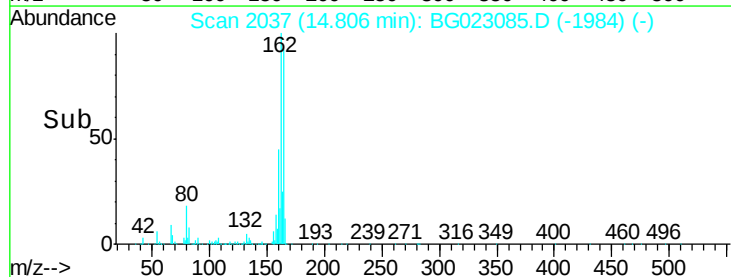
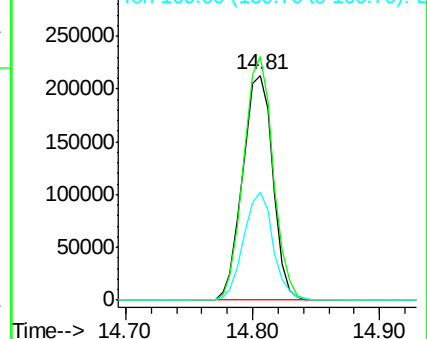
164 100

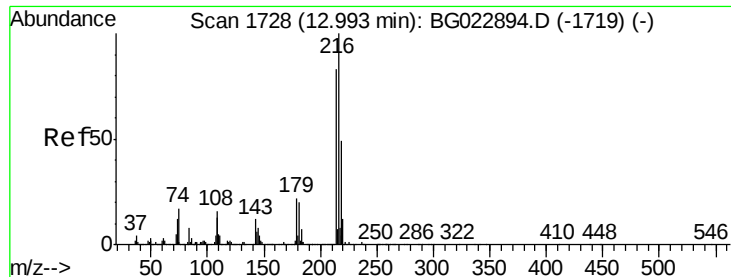
162 108.5 87.7 131.5

160 48.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.50 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:216 Resp: 491447

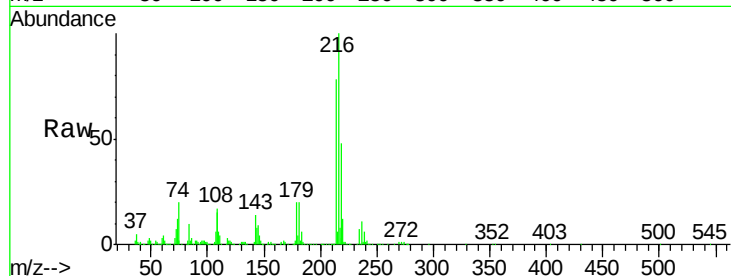
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 20.8 17.2 25.8

108 19.9 16.3 24.5

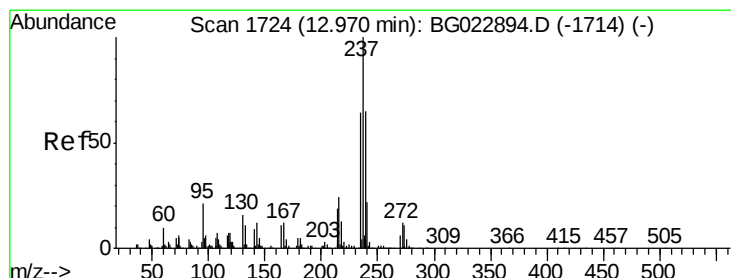
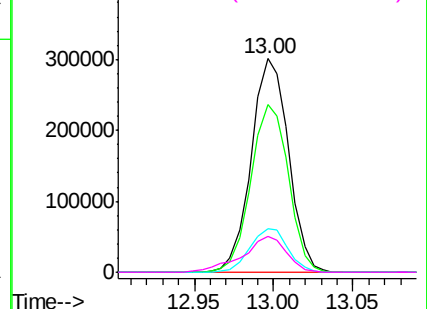
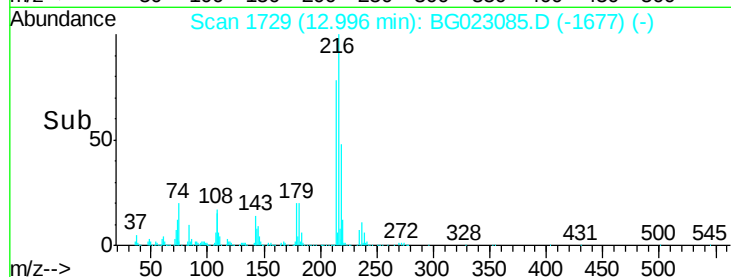


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.94 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

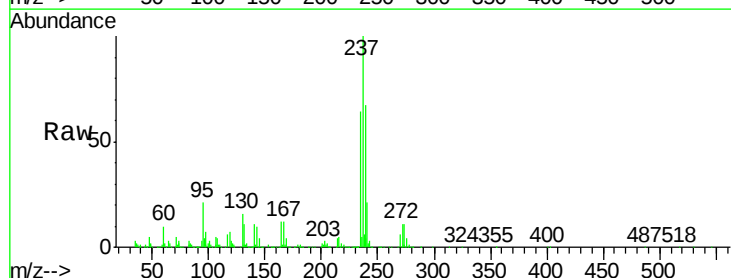
Tgt Ion:237 Resp: 634900

Ion Ratio Lower Upper

237 100

235 63.6 43.1 83.1

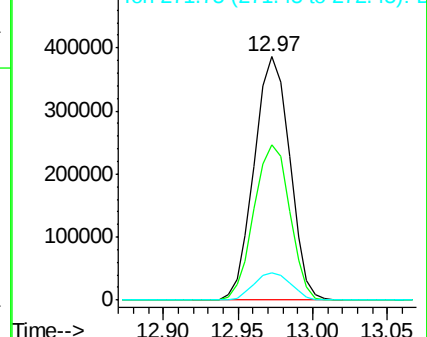
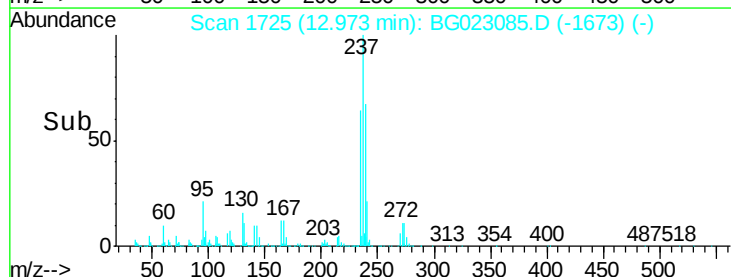
272 11.4 0.0 30.9

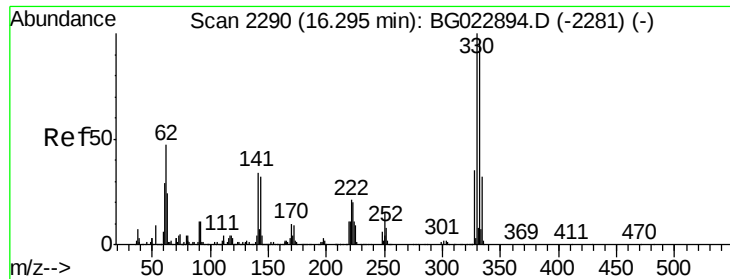


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

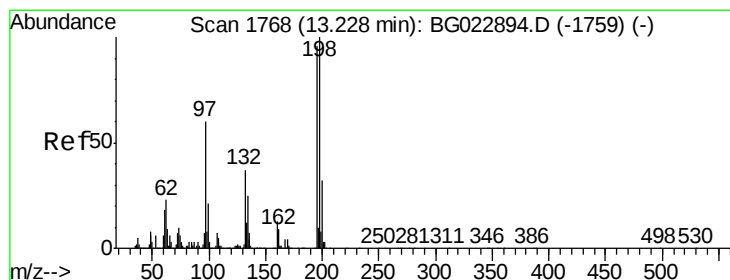
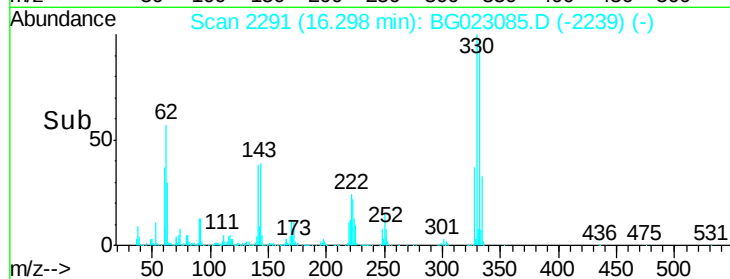
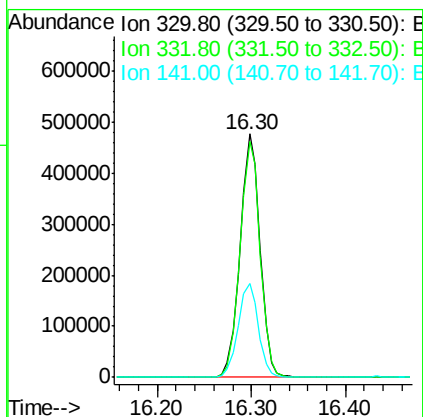
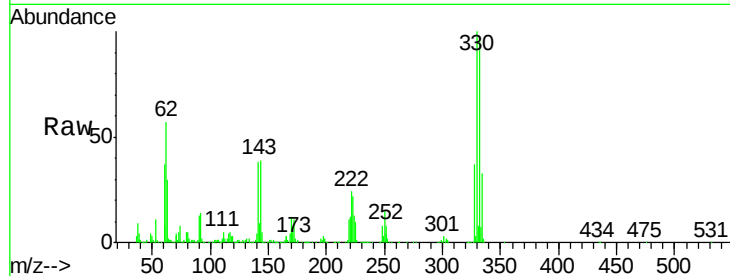




#41
 2,4,6-Tribromophenol
 Concen: 110.89 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

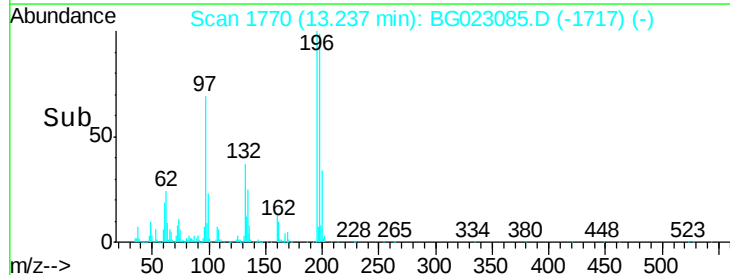
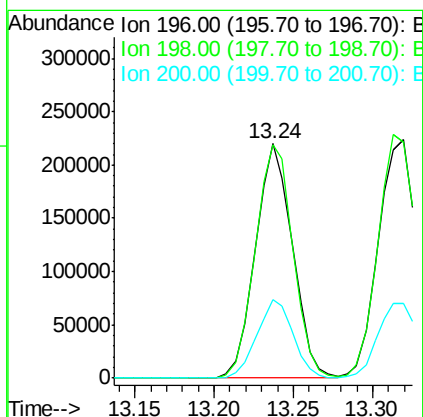
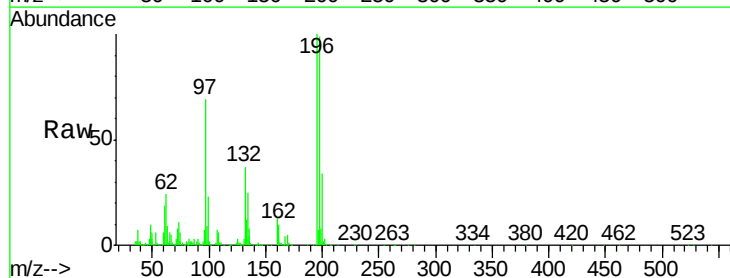
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

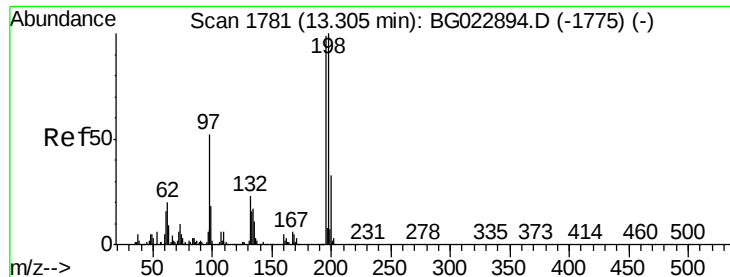
Tot Ion:330 Resp: 699274
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 39.4 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 41.14 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion:196 Resp: 357563
 Ion Ratio Lower Upper
 196 100
 198 99.3 78.2 117.2
 200 33.6 27.0 40.4

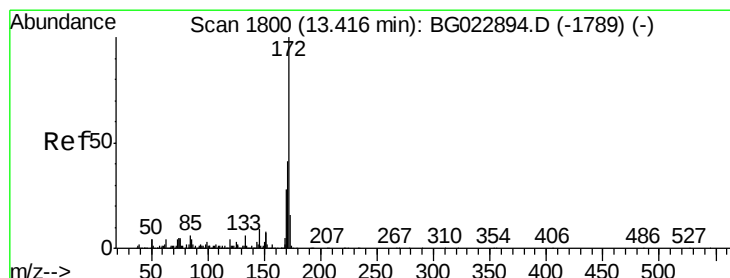
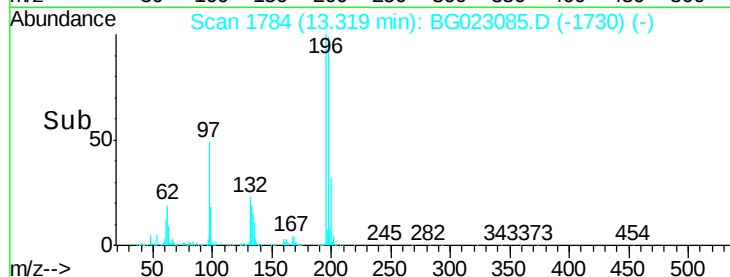
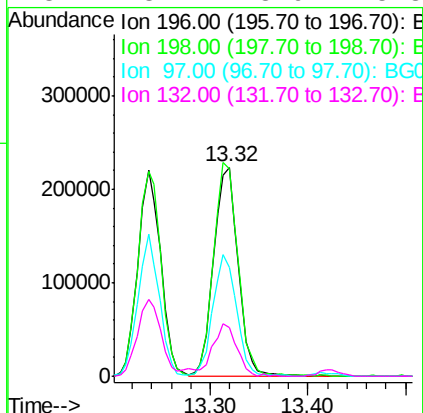
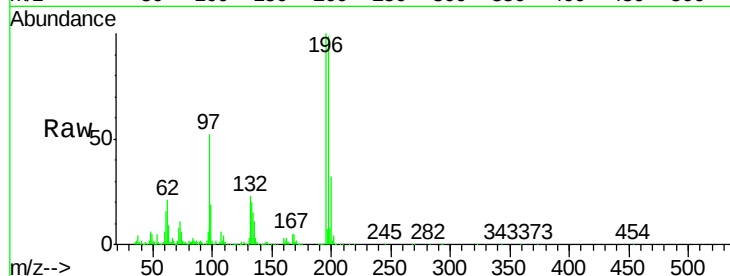




#43
 2,4,5-Trichlorophenol
 Concen: 43.55 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

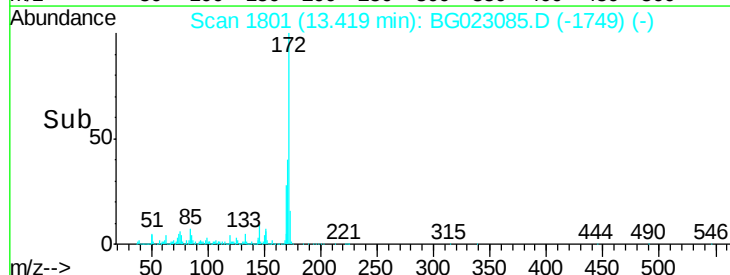
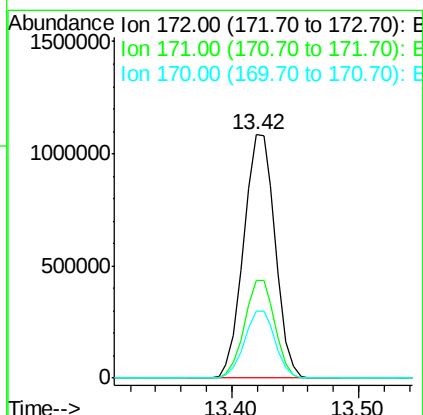
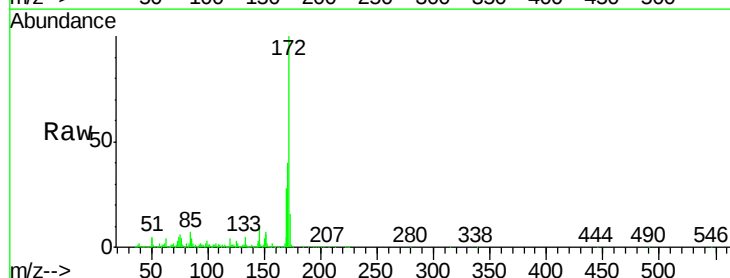
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	85.7	128.5
97	51.7	45.5	68.3
132	23.2	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 83.85 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	27.7	21.3	31.9





#45

1,1'-Biphenyl

Concen: 40.35 ng

RT: 13.64 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

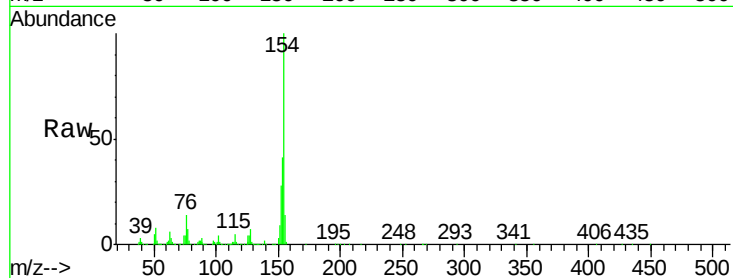
BNA_G

ClientSampleId :

PB92070BS

Tot Ion:154 Resp: 1062402

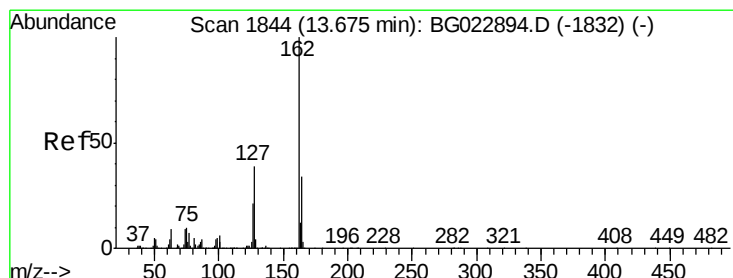
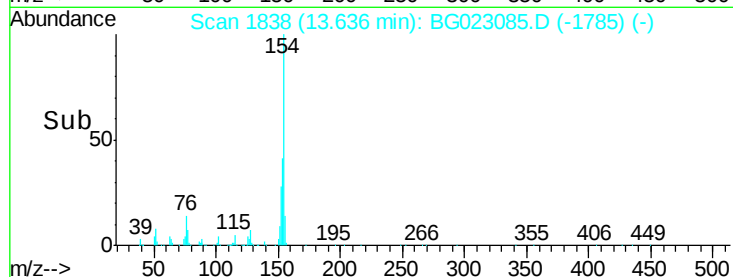
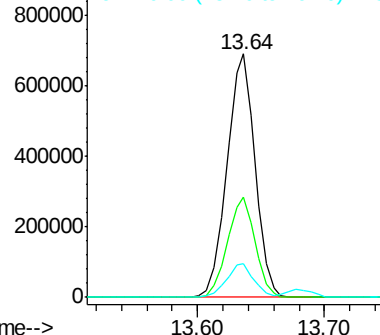
Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.2	60.2
76	14.1	0.0	32.9



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): BGC



#46

2-Chloronaphthalene

Concen: 41.48 ng

RT: 13.68 min Scan# 1846

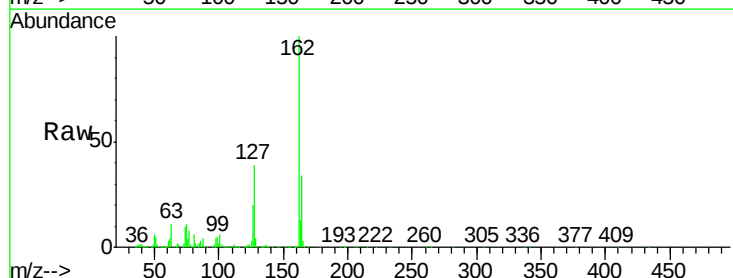
Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Tgt Ion:162 Resp: 885851

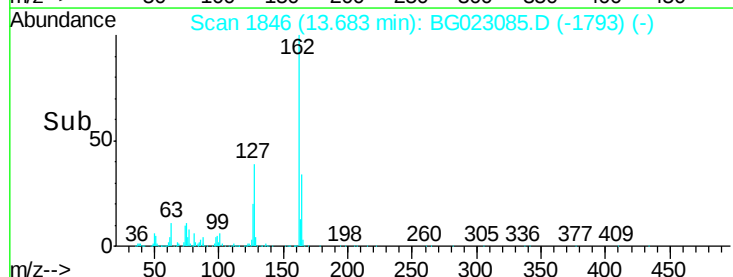
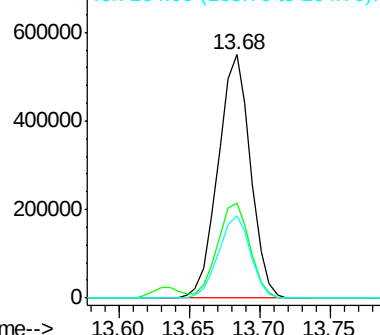
Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.4	48.6
164	33.6	25.2	37.8

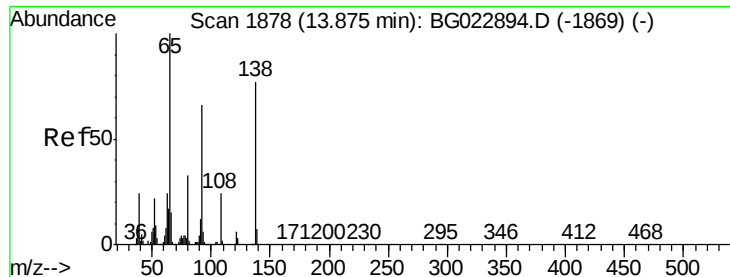


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.32 ng

RT: 13.89 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

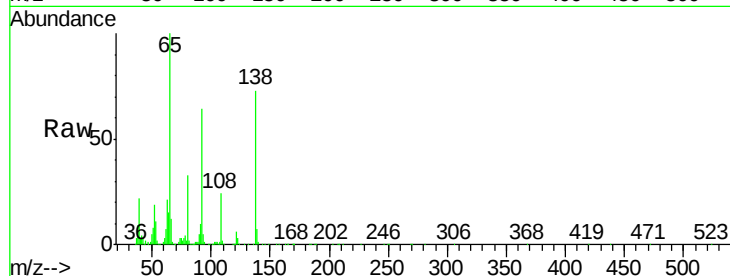
Tot Ion: 65 Resp: 385600

Ion Ratio Lower Upper

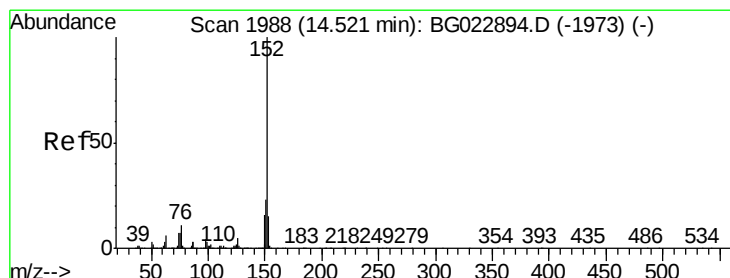
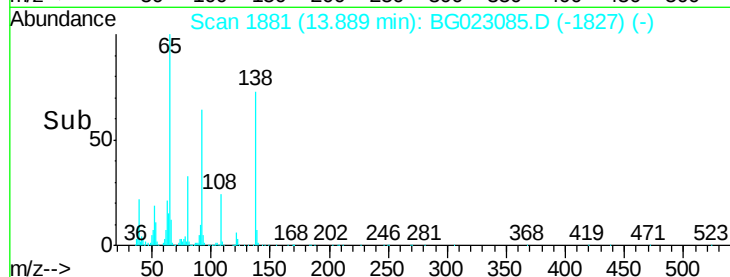
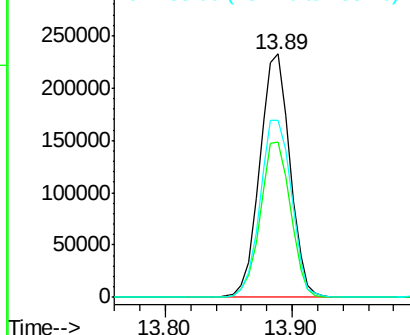
65 100

92 63.8 49.4 74.0

138 72.8 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: 41.64 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

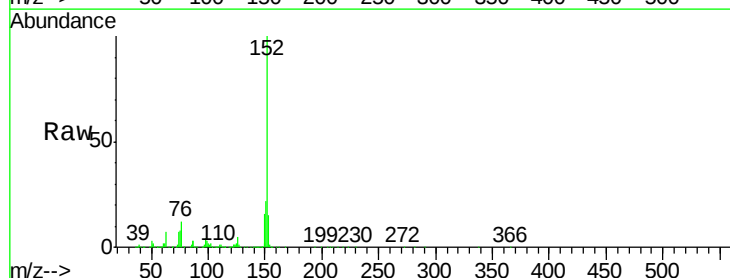
Tgt Ion: 152 Resp: 1333933

Ion Ratio Lower Upper

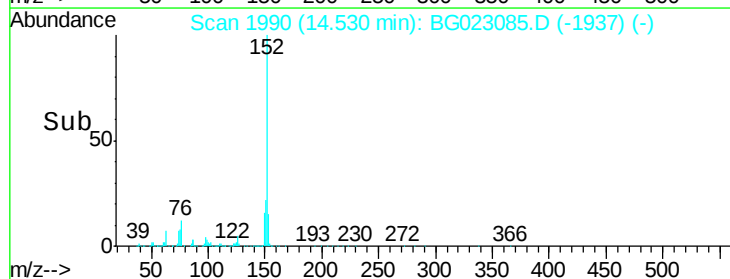
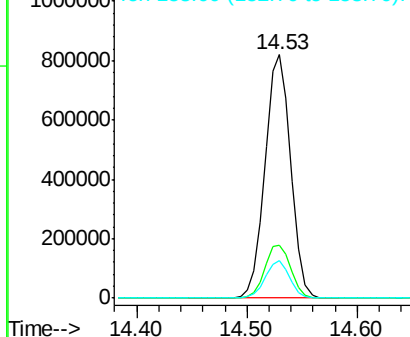
152 100

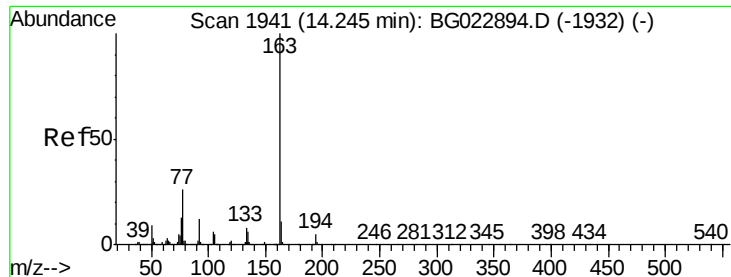
151 21.8 17.6 26.4

153 15.2 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: 42.21 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

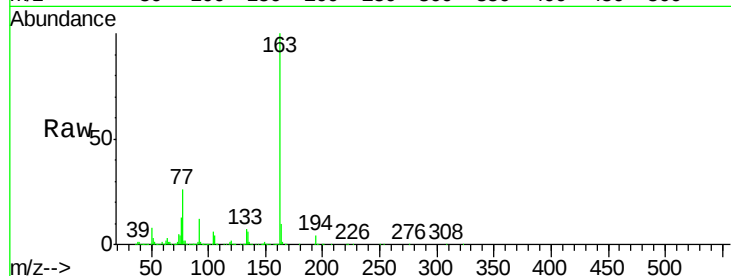
Tot Ion:163 Resp: 1209704

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

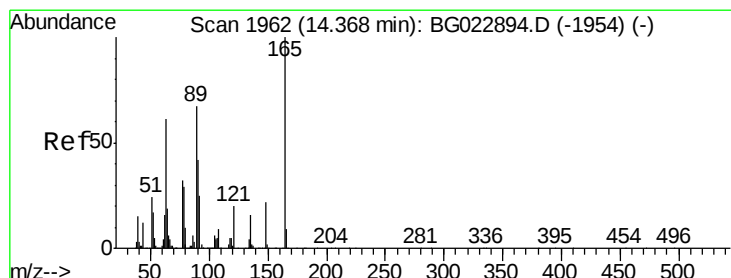
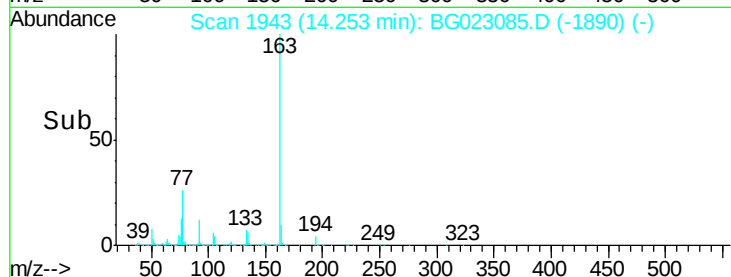
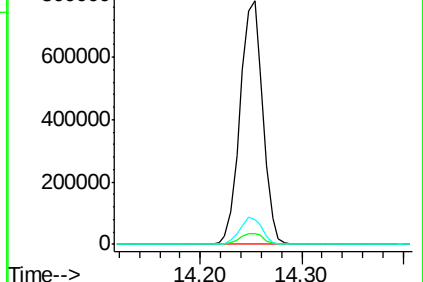
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.55 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

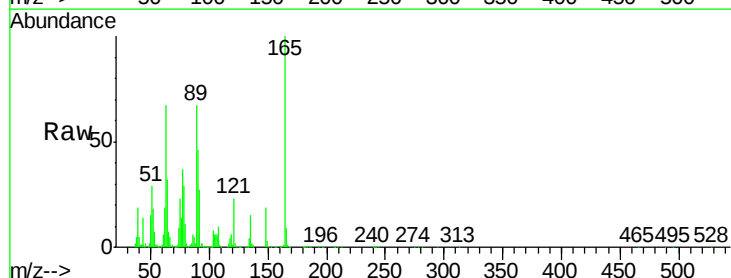
Tgt Ion:165 Resp: 280554

Ion Ratio Lower Upper

165 100

63 67.4 64.3 96.5

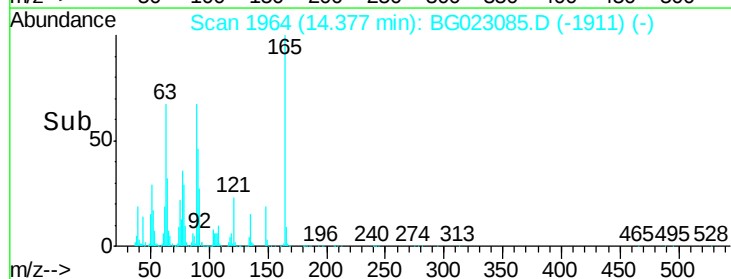
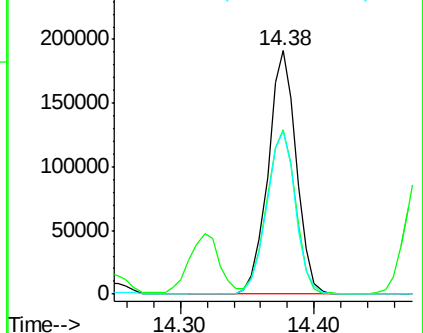
89 66.9 64.3 96.5

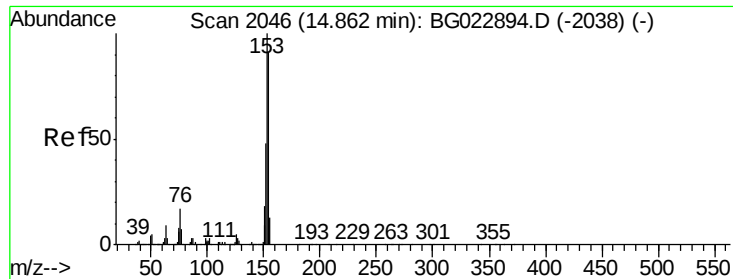


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 42.00 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

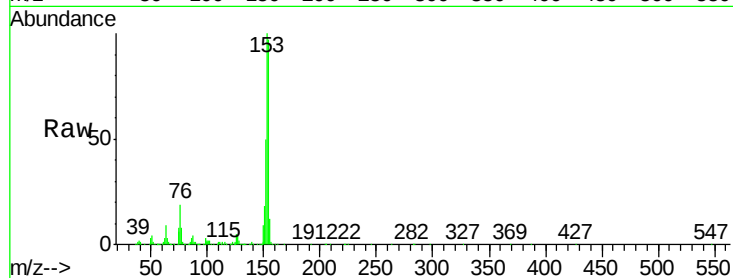
Tot Ion:154 Resp: 879246

Ion Ratio Lower Upper

154 100

153 103.0 87.5 131.3

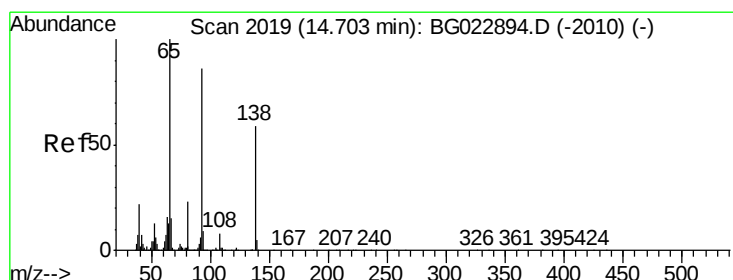
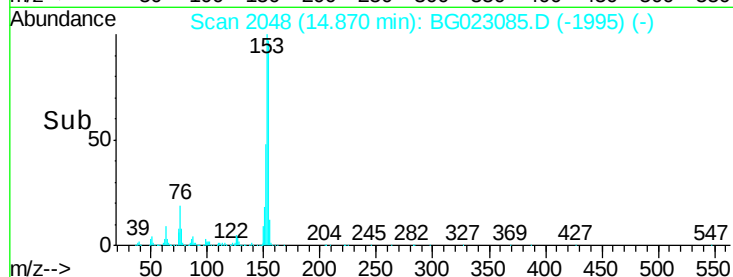
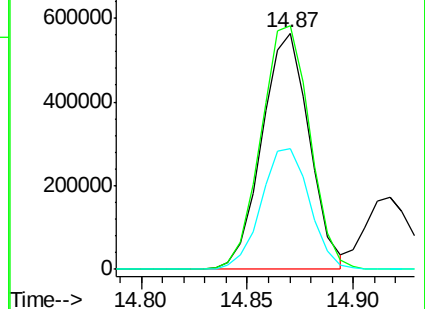
152 51.0 42.7 64.1



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: 23.30 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

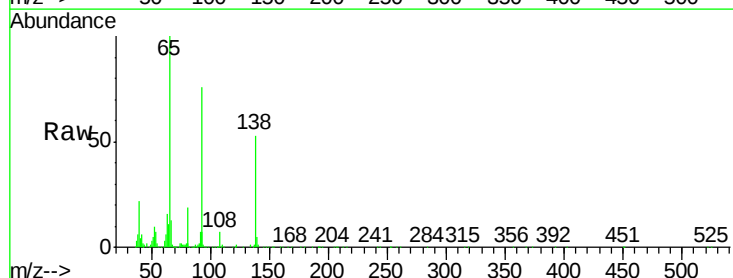
Tgt Ion:138 Resp: 149629

Ion Ratio Lower Upper

138 100

108 12.9 11.7 17.5

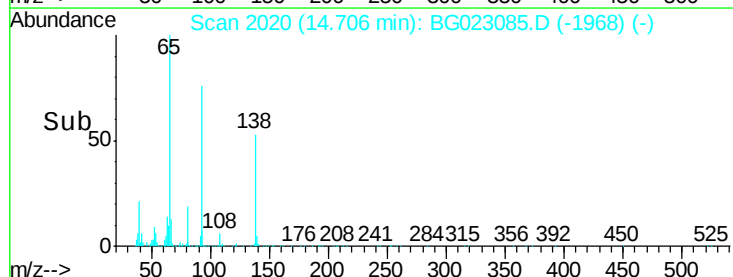
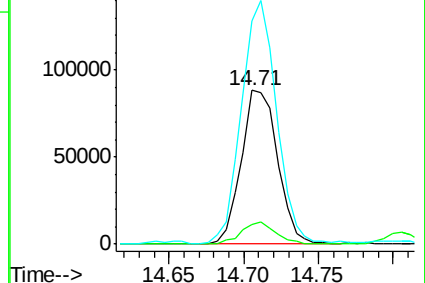
92 145.3 129.7 194.5

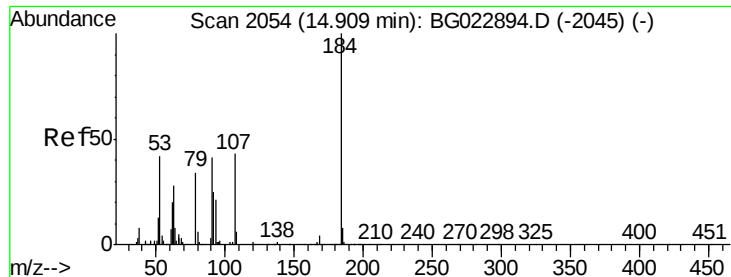


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

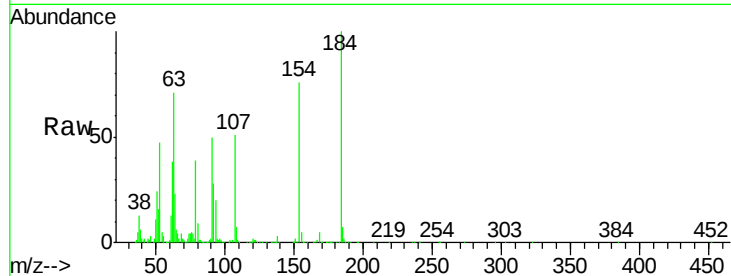




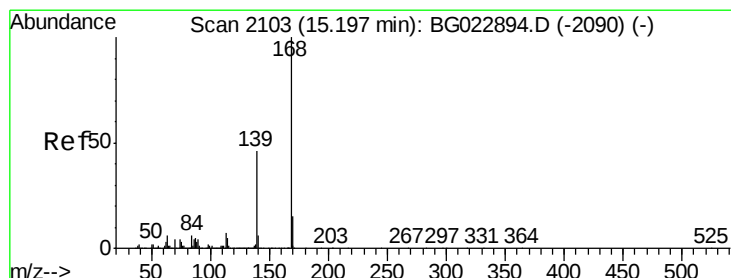
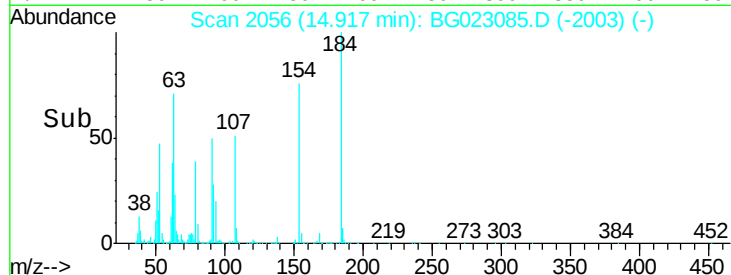
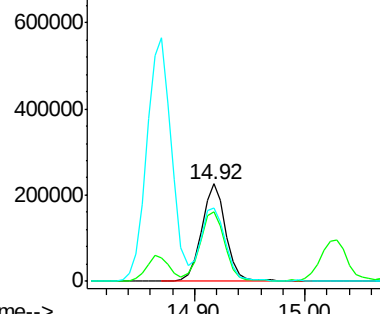
#53
2,4-Dinitrophenol
Concen: 78.44 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Instrument :
BNA_G
ClientSampleId :
PB92070BS

Tot Ion:184 Resp: 346680
Ion Ratio Lower Upper
184 100
63 71.0 59.6 89.4
154 75.7 67.4 101.0

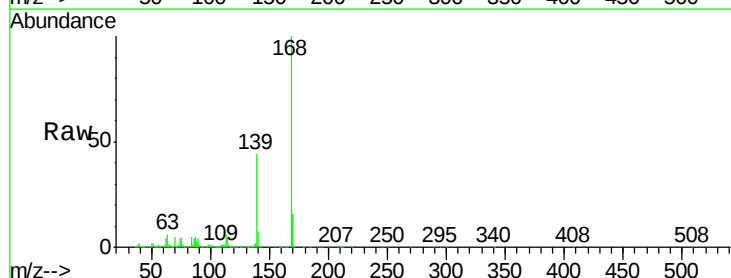


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

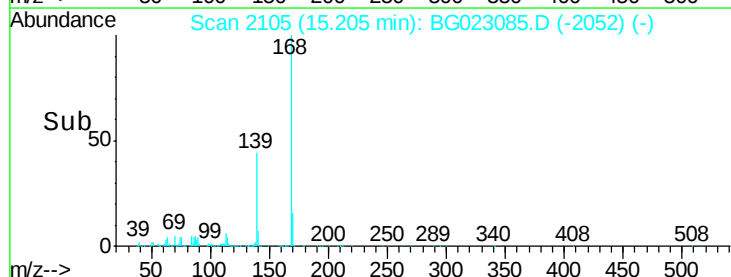
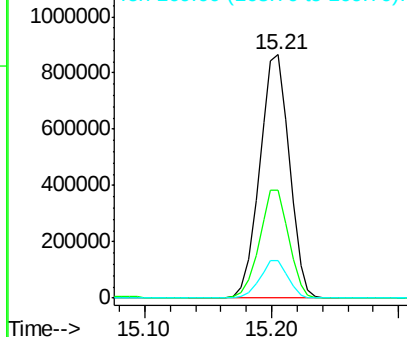


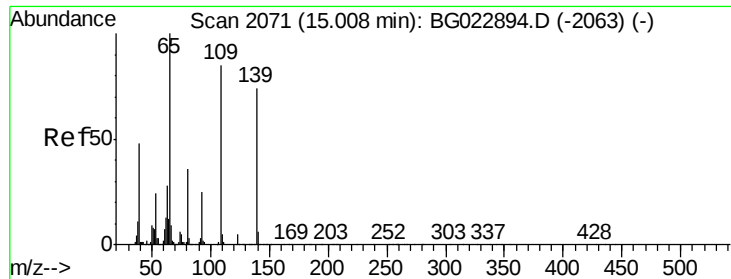
#54
Dibenzofuran
Concen: 44.84 ng
RT: 15.21 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion:168 Resp: 1405002
Ion Ratio Lower Upper
168 100
139 44.1 36.4 54.6
169 15.6 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

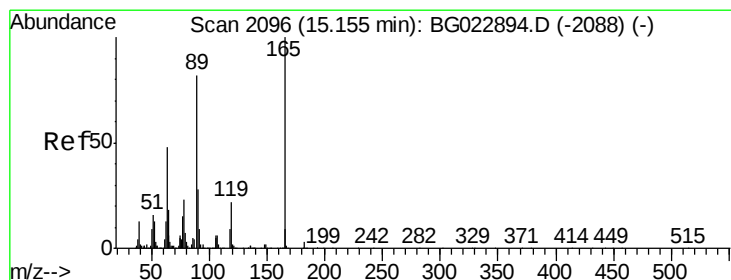
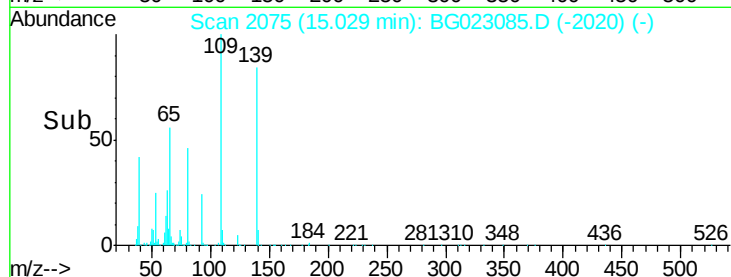
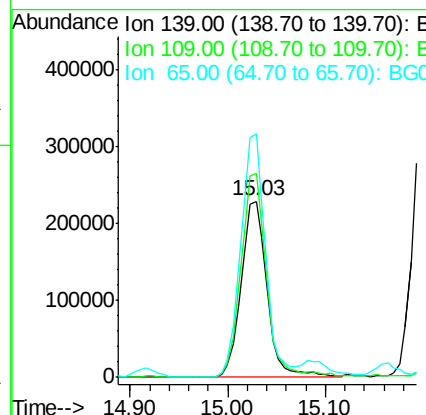
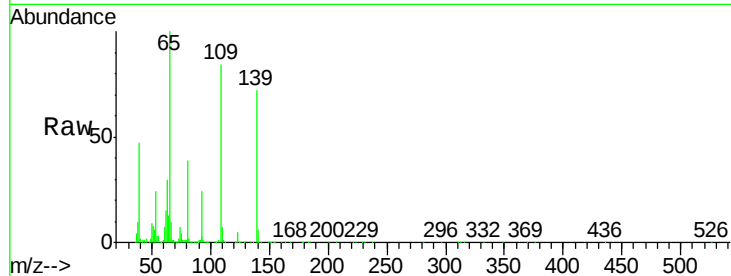




#55
4-Nitrophenol
Concen: 78.46 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

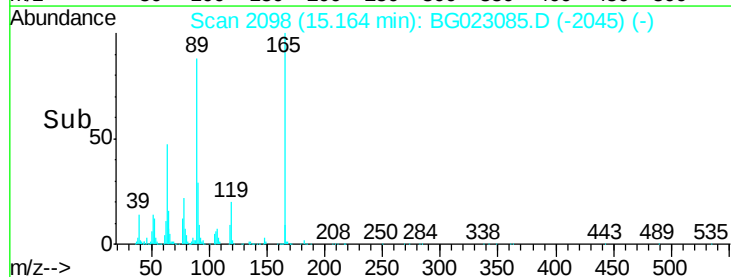
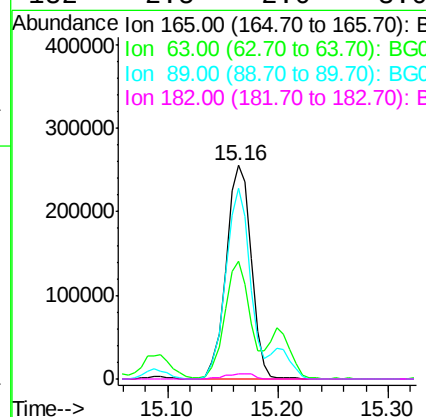
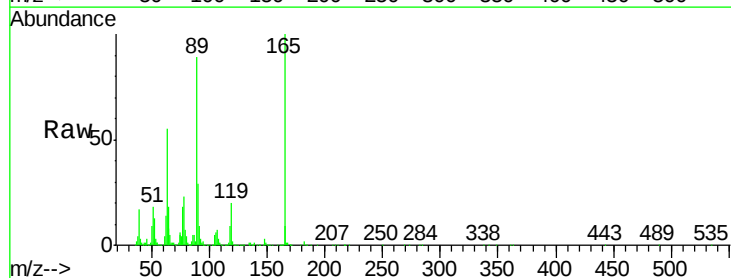
Instrument :
BNA_G
ClientSampleId :
PB92070BS

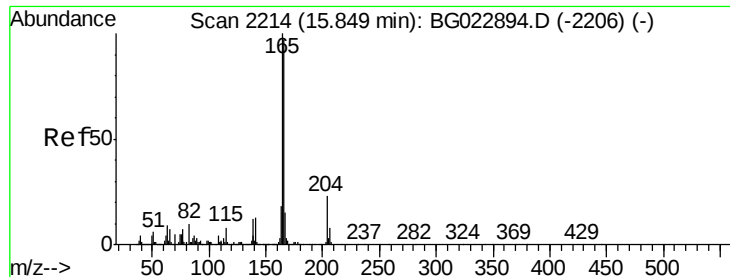
Tot Ion:139 Resp: 422430
Ion Ratio Lower Upper
139 100
109 115.7 103.0 143.0
65 138.5 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 43.05 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion:165 Resp: 404278
Ion Ratio Lower Upper
165 100
63 54.9 45.8 68.6
89 89.5 68.6 102.8
182 2.5 2.0 3.0





#57

Fluorene

Concen: 43.04 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

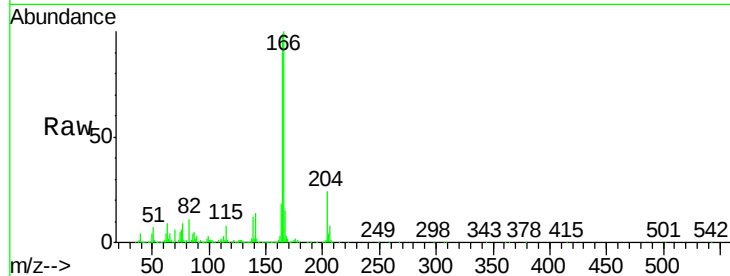
Tot Ion:166 Resp: 1160905

Ion Ratio Lower Upper

166 100

165 98.6 81.0 121.6

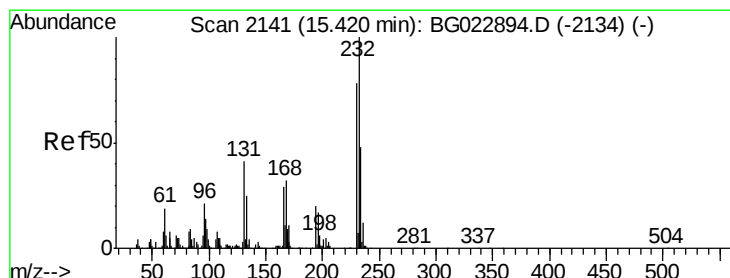
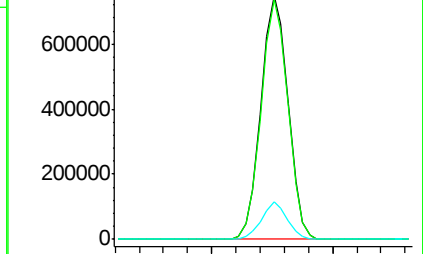
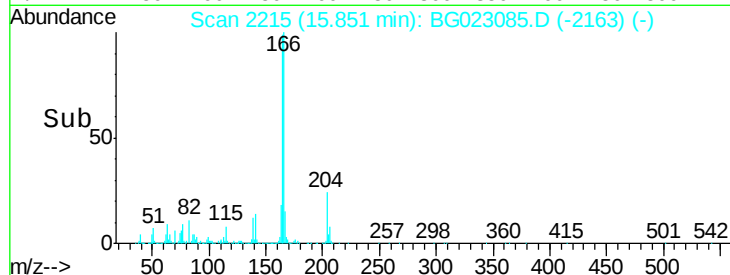
167 15.4 12.0 18.0



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: 44.25 ng m

RT: 15.43 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Tgt Ion:232 Resp: 395160

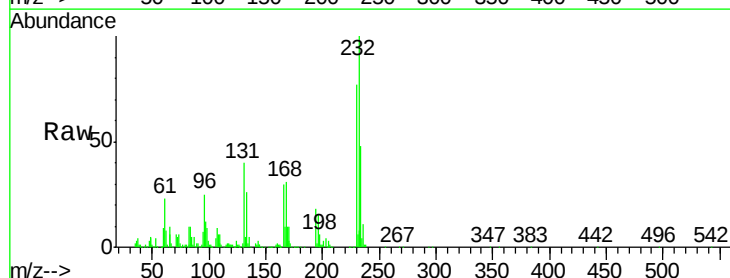
Ion Ratio Lower Upper

232 100

131 38.3 32.7 49.1

130 2.7 2.6 3.8

166 25.7 23.0 34.6

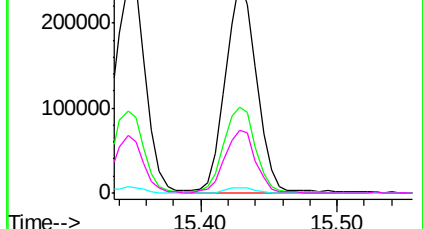
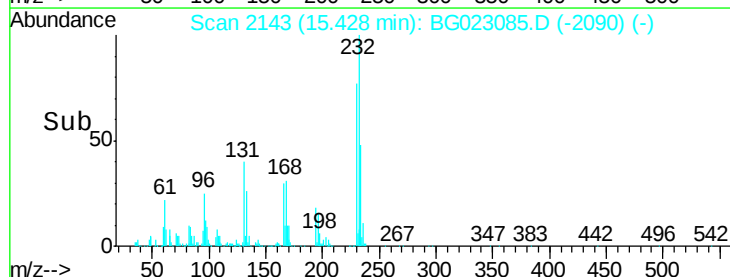


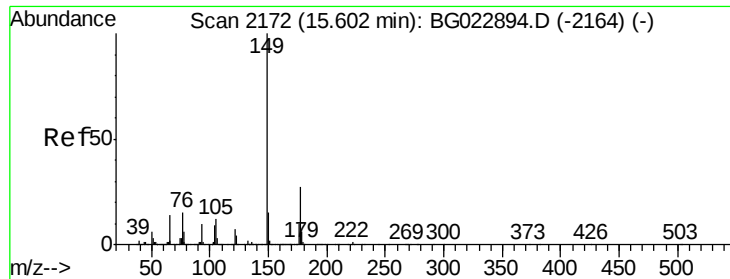
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.71 ng

RT: 15.61 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

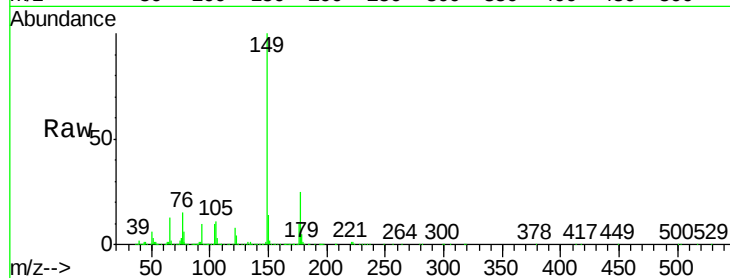
BNA_G

ClientSampleId :

PB92070BS

Tot Ion:149 Resp: 1245427

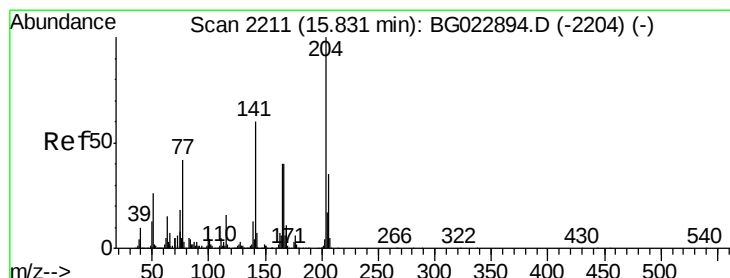
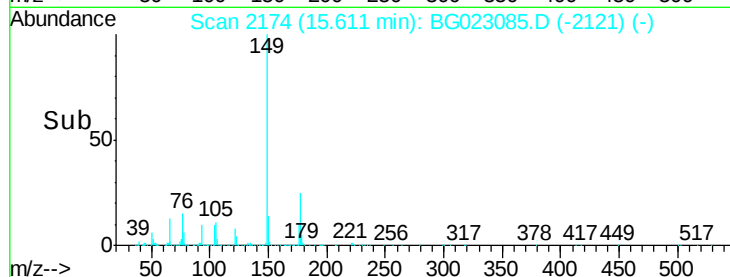
Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.2	28.8
150	14.3	10.6	16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.38 ng

RT: 15.84 min Scan# 2213

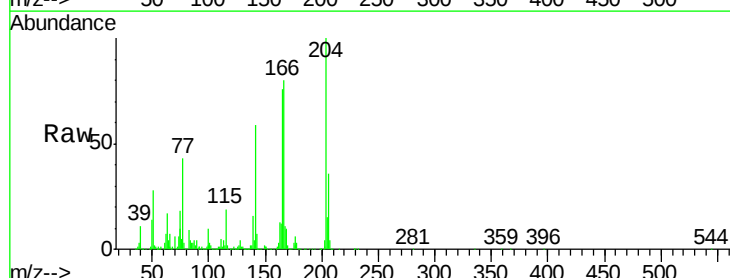
Delta R.T. 0.01 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Tgt Ion:204 Resp: 679790

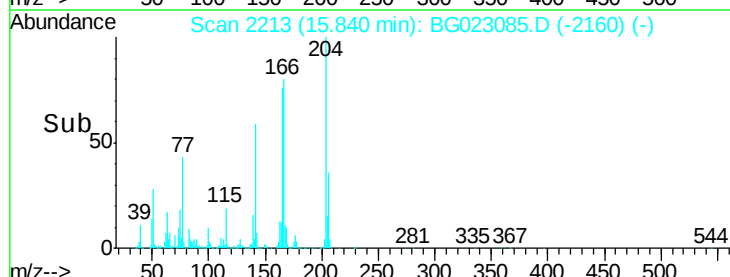
Ion	Ratio	Lower	Upper
204	100		
206	35.9	28.5	42.7
141	58.9	51.4	77.0

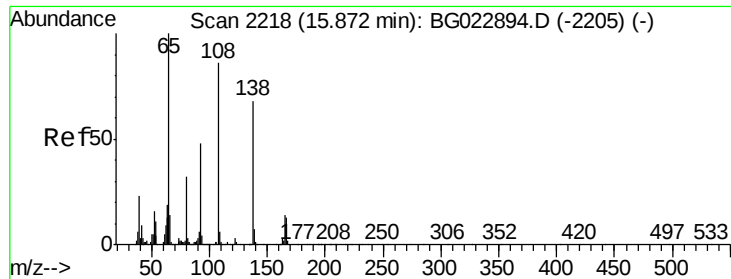


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

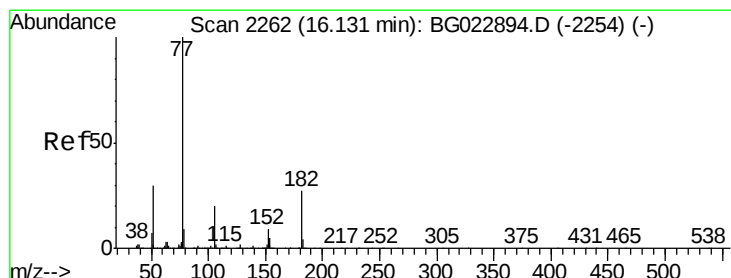
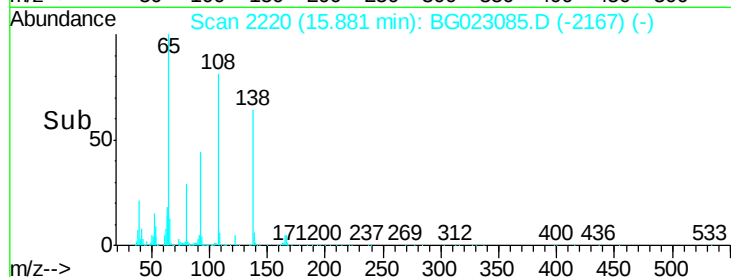
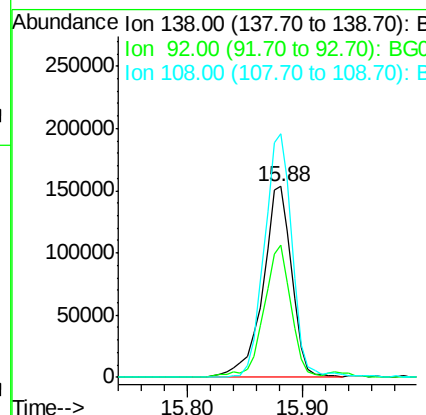
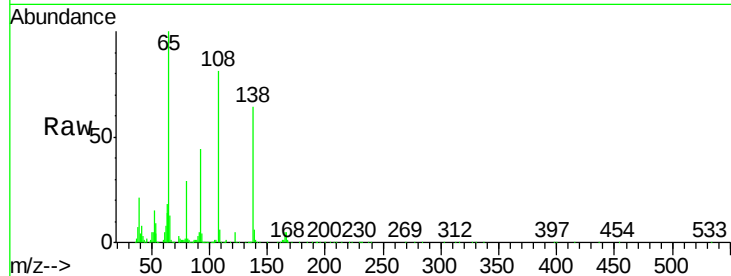




#61
4-Nitroaniline
Concen: 38.52 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

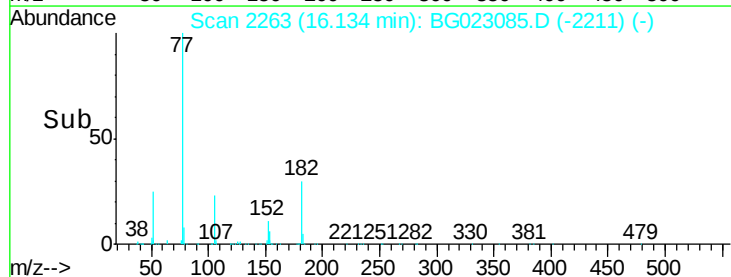
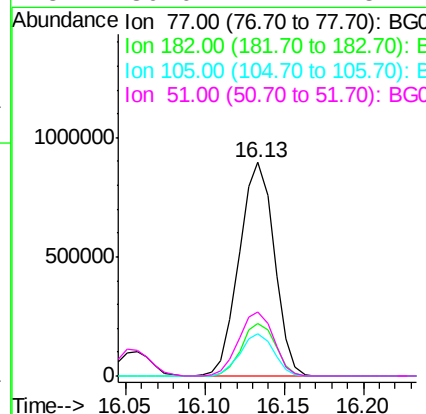
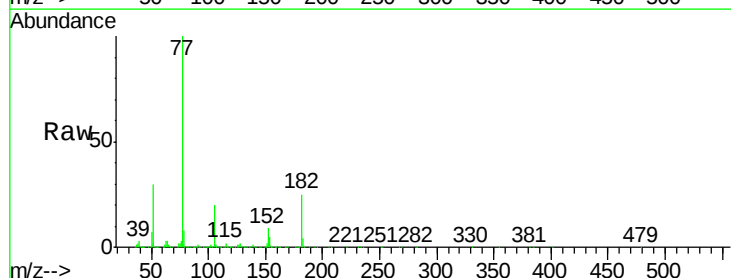
Instrument :
BNA_G
ClientSampled :
PB92070BS

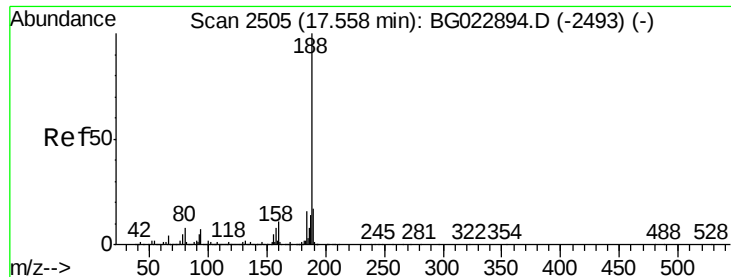
Tot Ion:138 Resp: 267691
Ion Ratio Lower Upper
138 100
92 69.1 54.1 94.1
108 127.5 133.9 173.9#



#62
Azobenzene
Concen: 49.42 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion: 77 Resp: 1378642
Ion Ratio Lower Upper
77 100
182 24.8 3.5 43.5
105 19.8 0.0 38.5
51 30.0 17.1 57.1

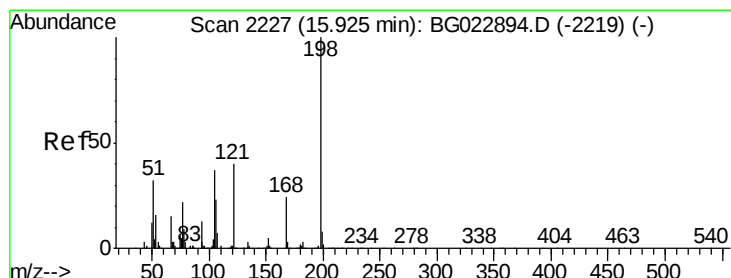
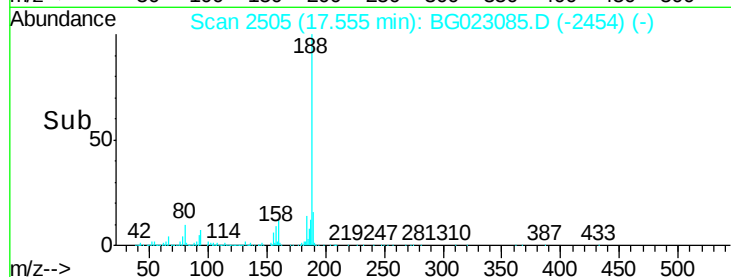
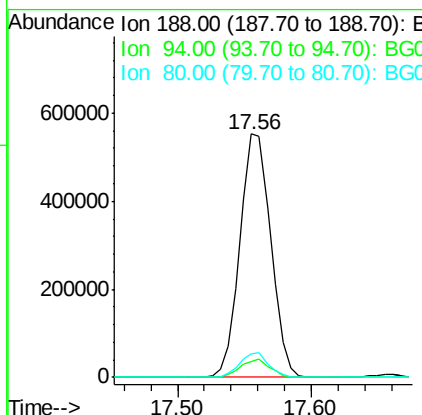
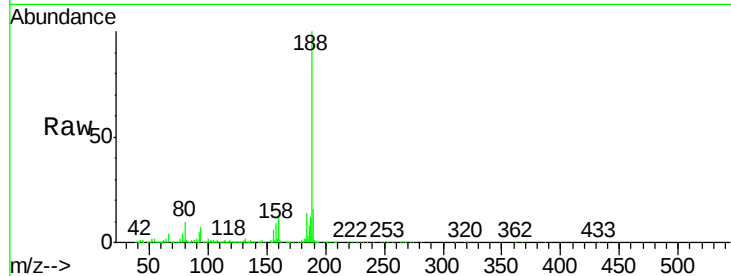




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

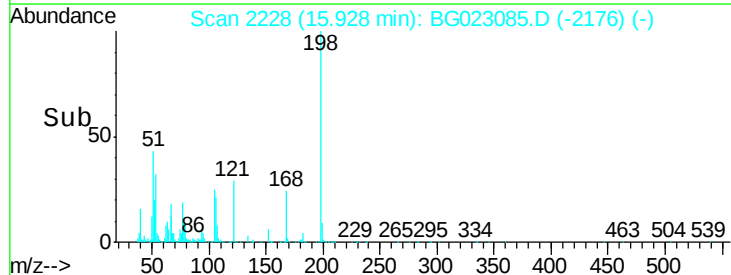
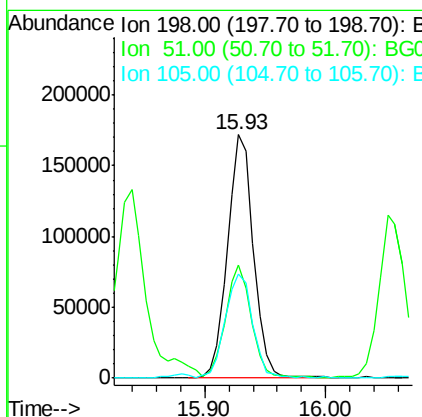
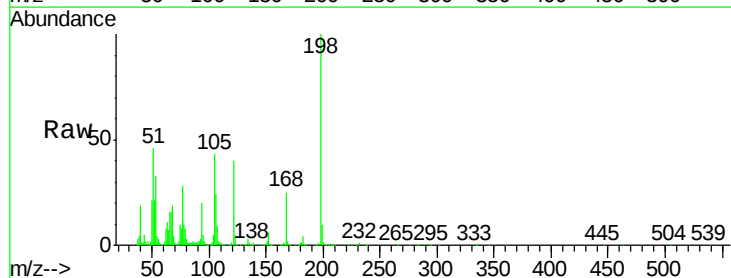
Instrument :
BNA_G
ClientSampleId :
PB92070BS

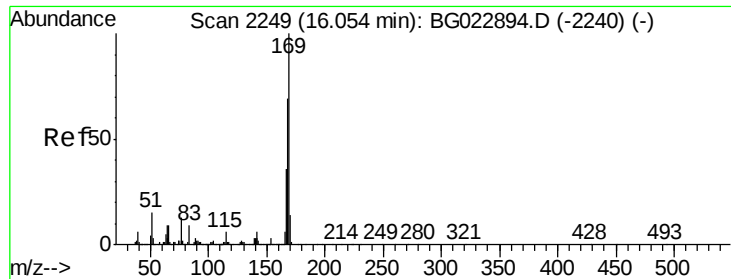
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.2	7.8
80	9.9	7.2	10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 39.21 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.5	26.0	66.0
105	42.6	20.1	60.1

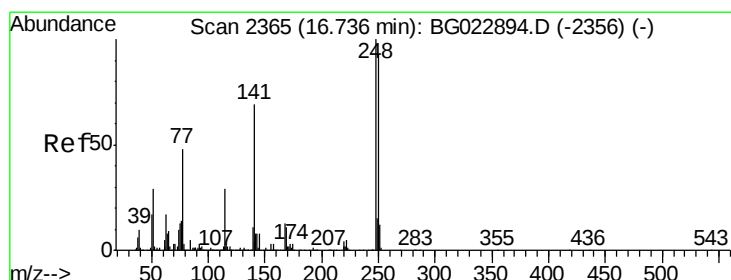
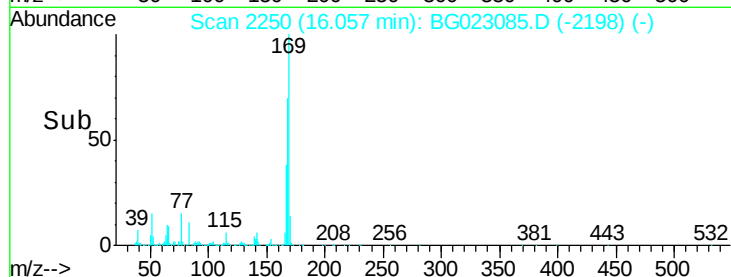
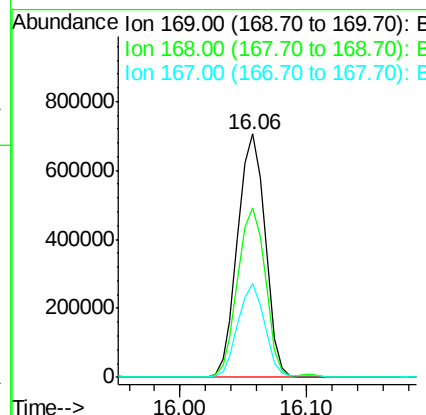
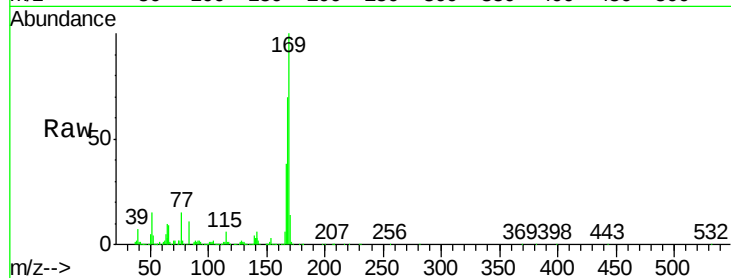




#65
 n-Nitrosodiphenylamine
 Concen: 41.82 ng
 RT: 16.06 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

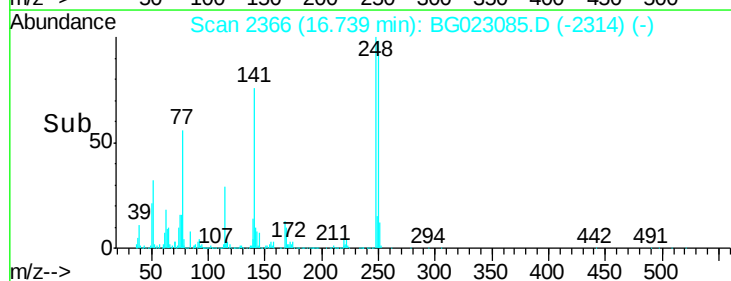
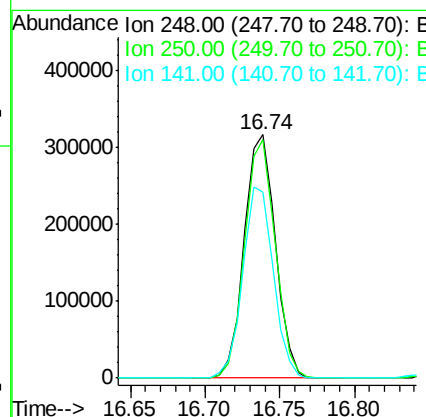
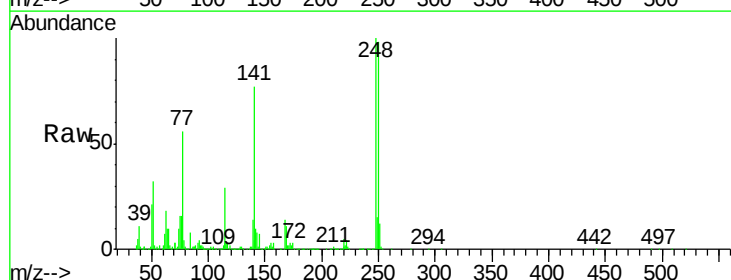
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

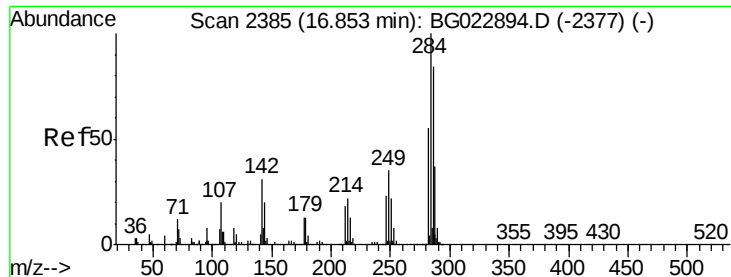
Tot Ion:169 Resp: 1064189
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.0 82.4
 167 38.4 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.78 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion:248 Resp: 457096
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.8 116.8
 141 76.6 65.7 98.5





#67

Hexachlorobenzene

Concen: 38.10 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

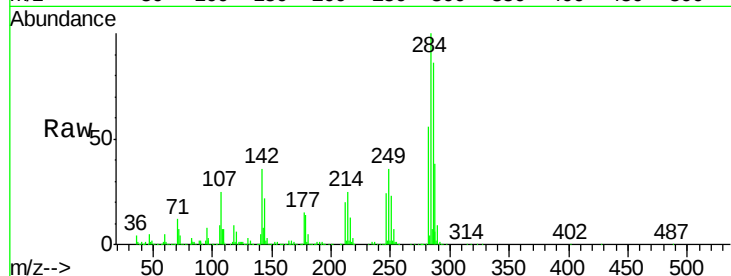
Tot Ion:284 Resp: 475955

Ion Ratio Lower Upper

284 100

142 35.7 26.8 40.2

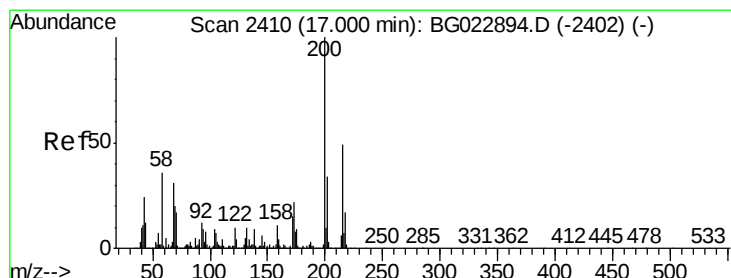
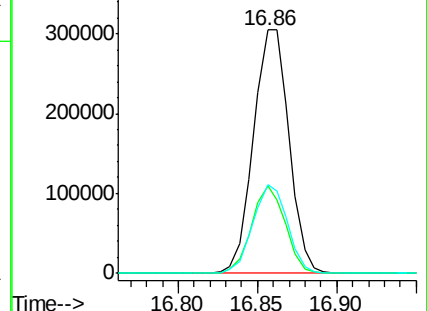
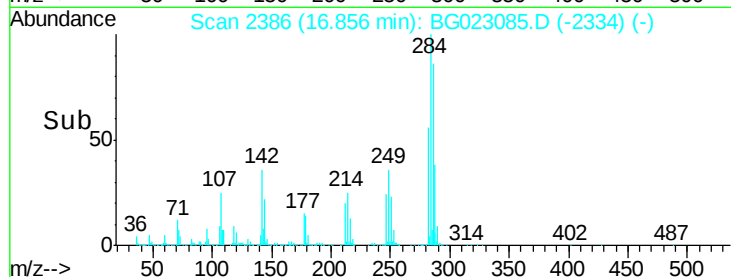
249 36.3 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.85 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

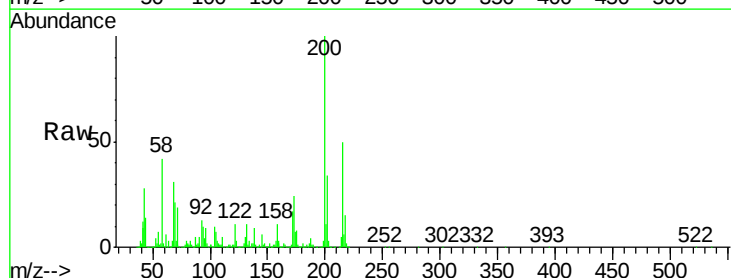
Tgt Ion:200 Resp: 438507

Ion Ratio Lower Upper

200 100

173 23.6 1.6 41.6

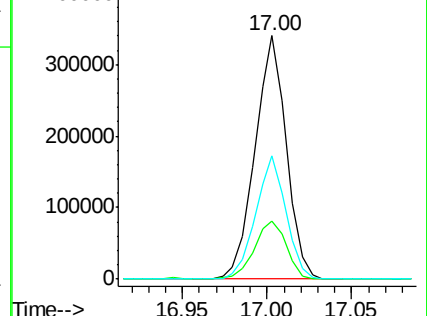
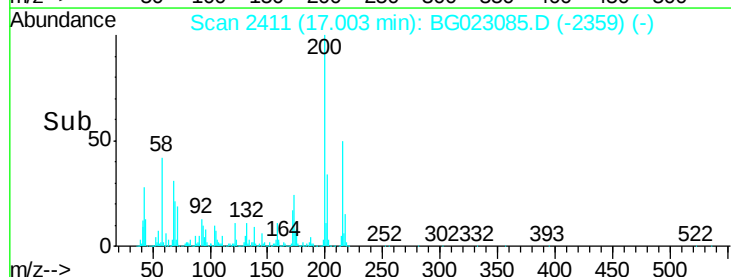
215 50.5 28.7 68.7

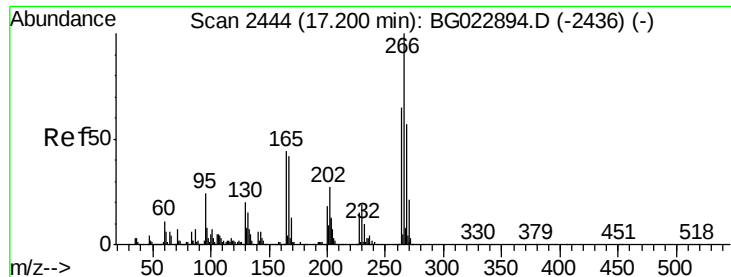


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

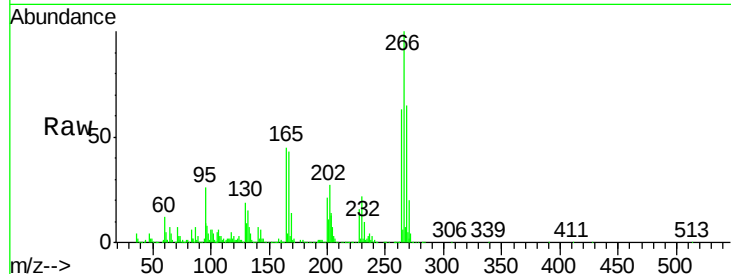




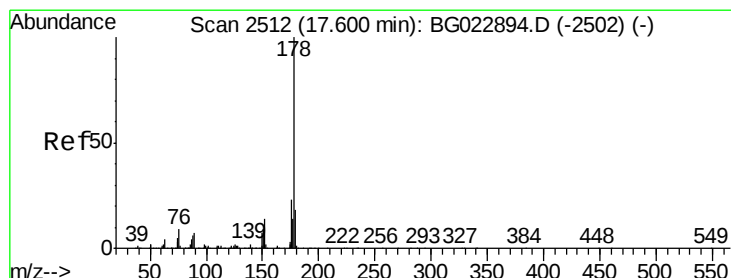
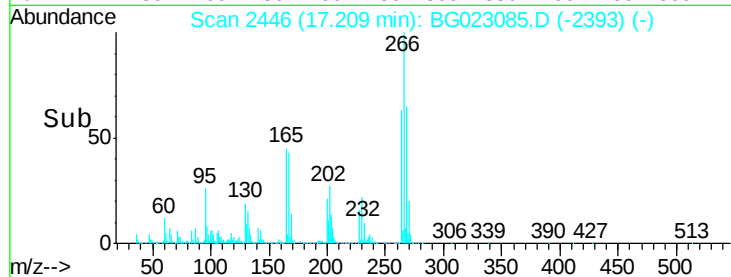
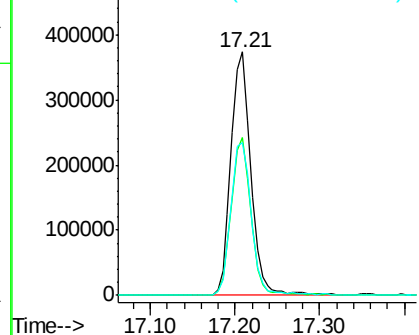
#69
 Pentachlorophenol
 Concen: 75.27 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.9	77.9
264	62.8	50.6	75.8

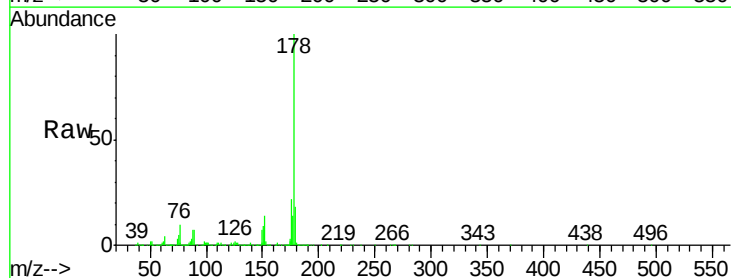


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

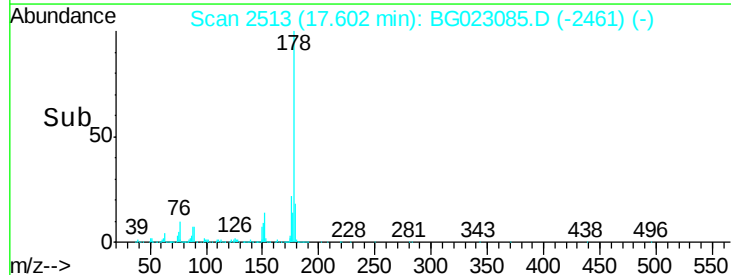
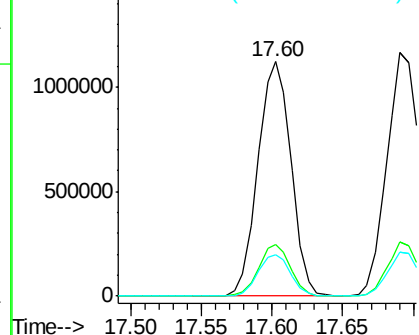


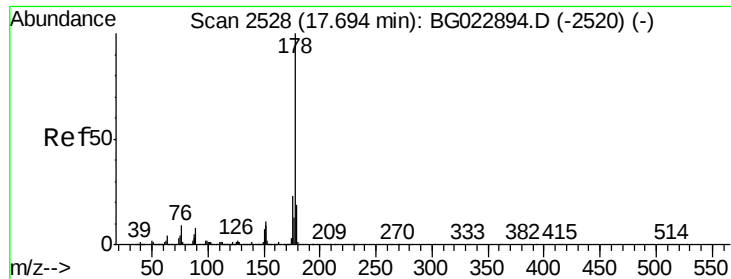
#70
 Phenanthrene
 Concen: 42.73 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.1	16.8	25.2
179	17.6	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

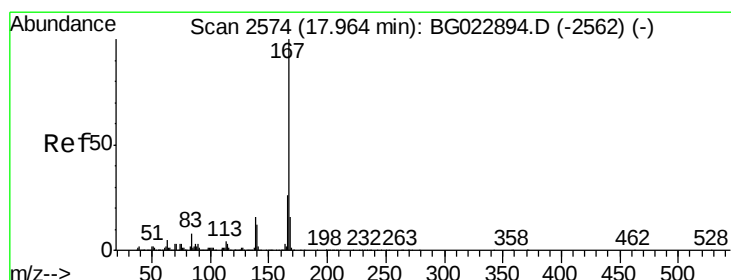
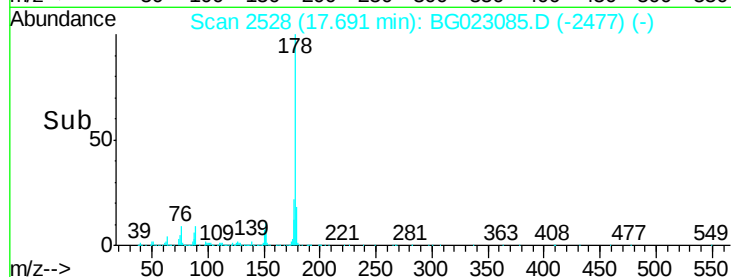
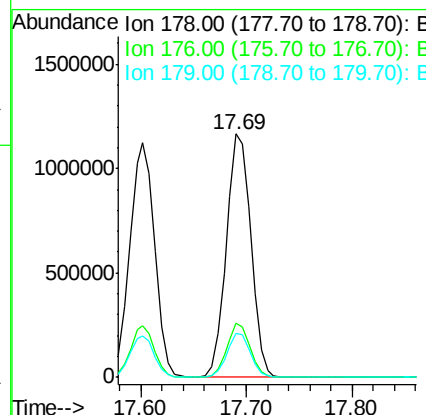
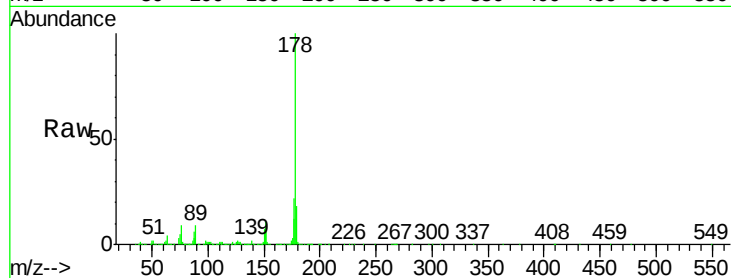




#71
 Anthracene
 Concen: 42.79 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

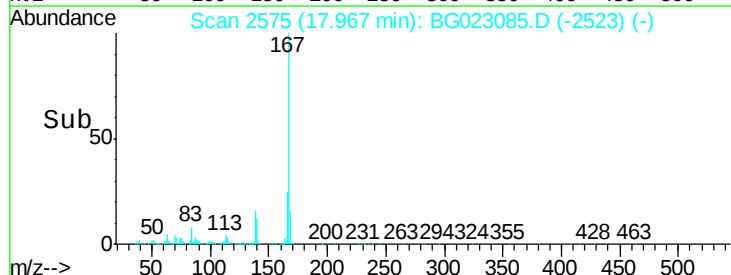
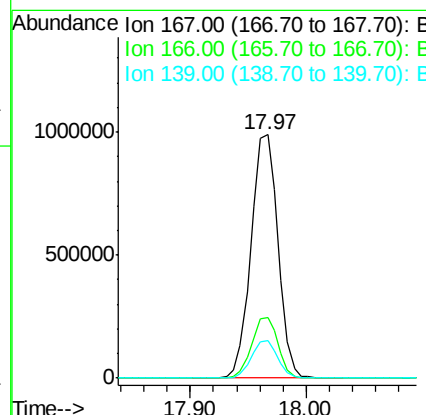
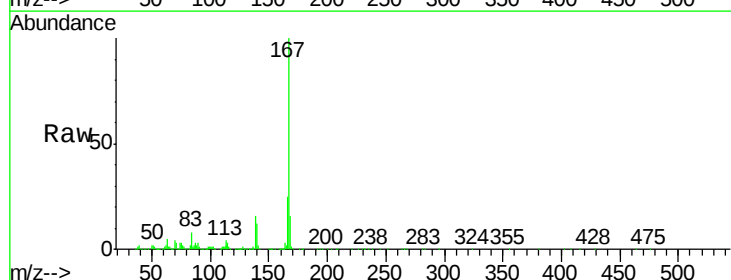
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

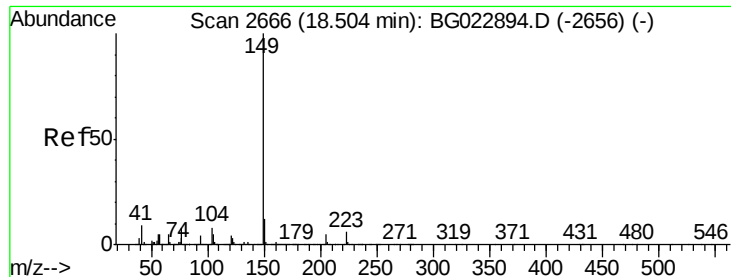
Tot Ion:178 Resp: 1875564
 Ion Ratio Lower Upper
 178 100
 176 22.4 17.3 25.9
 179 18.2 14.0 21.0



#72
 Carbazole
 Concen: 42.40 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion:167 Resp: 1605813
 Ion Ratio Lower Upper
 167 100
 166 24.9 20.7 31.1
 139 15.5 11.9 17.9





#73

Di-n-butylphthalate

Concen: 45.91 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

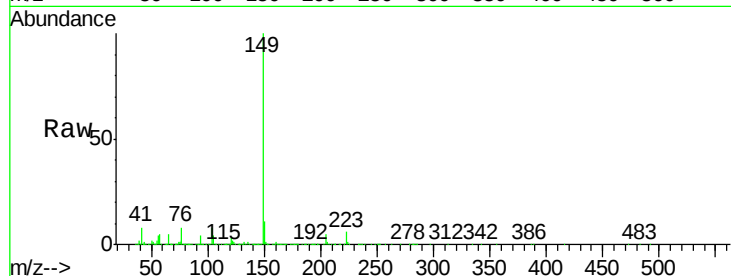
Tot Ion:149 Resp: 1933654

Ion Ratio Lower Upper

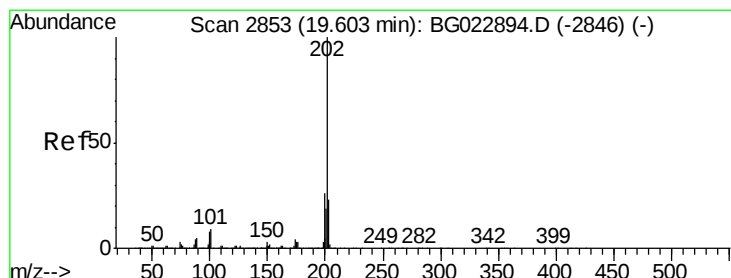
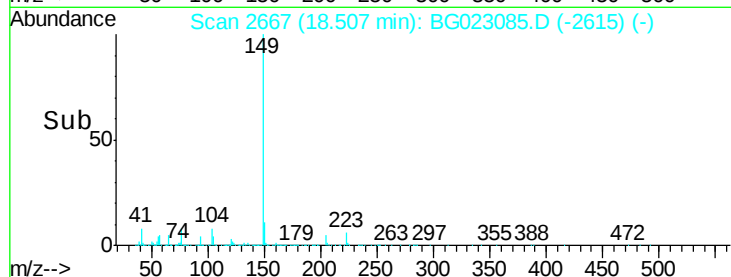
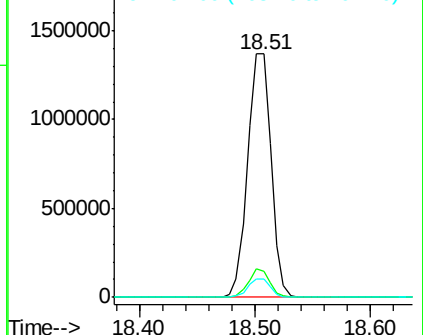
149 100

150 10.6 9.1 13.7

104 7.6 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: 39.86 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

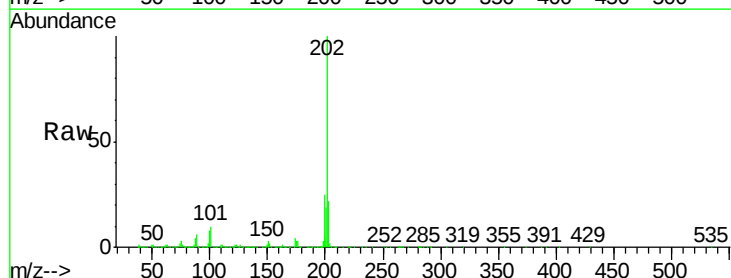
Tgt Ion:202 Resp: 2117257

Ion Ratio Lower Upper

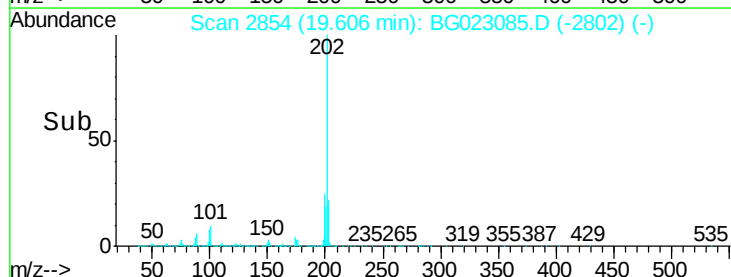
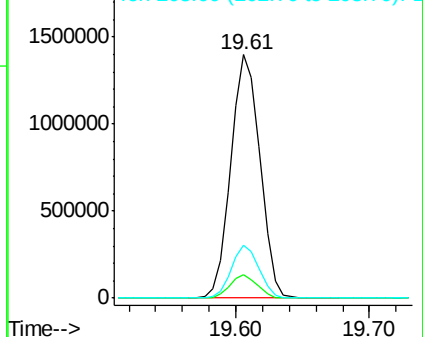
202 100

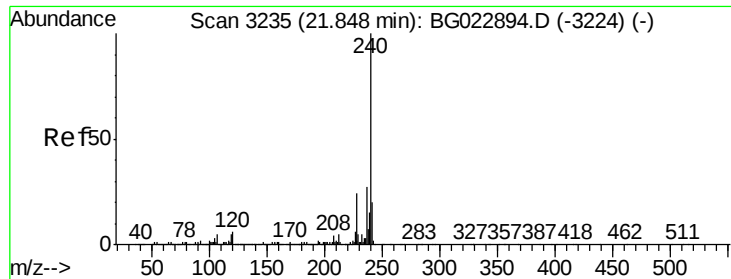
101 9.5 0.0 27.4

203 21.6 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

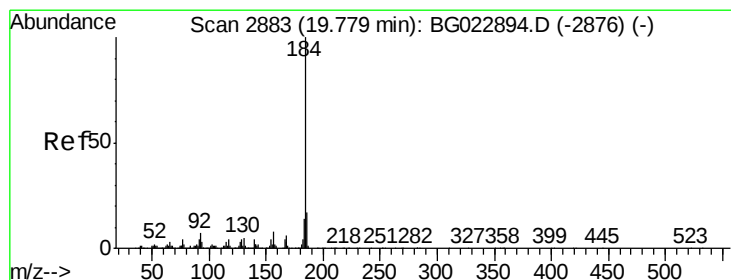
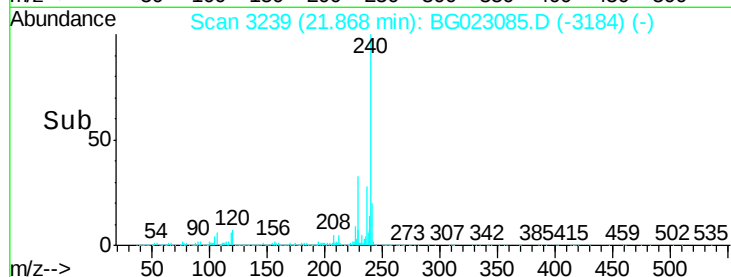
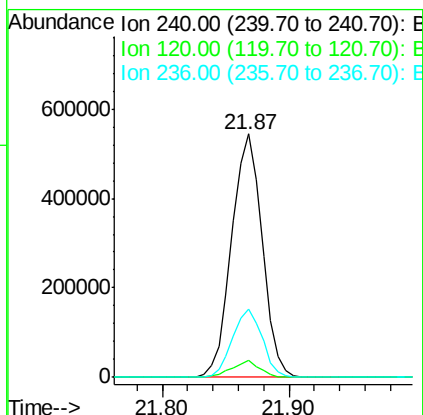
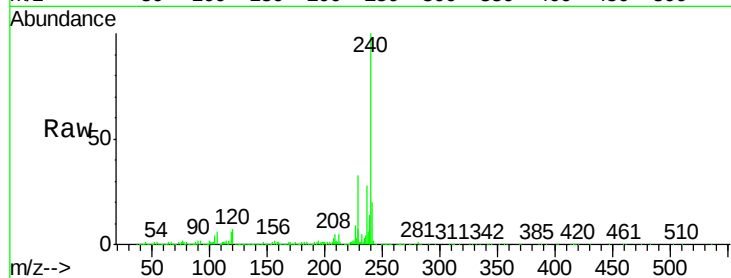




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

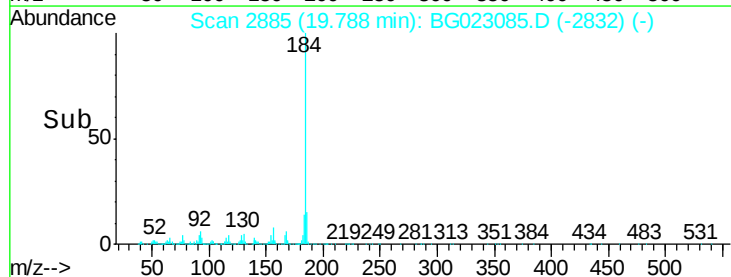
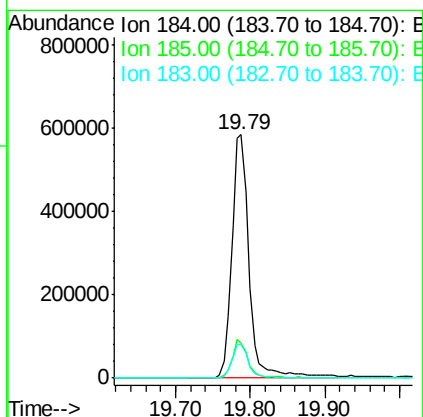
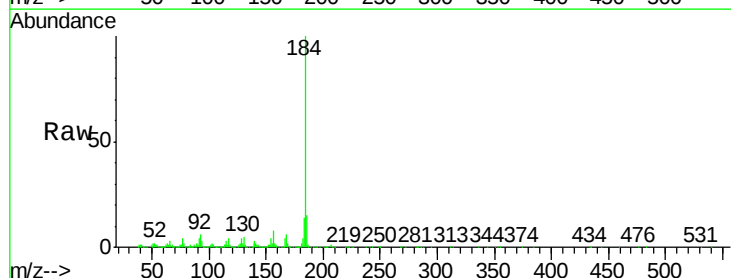
Instrument :
BNA_G
ClientSampleId :
PB92070BS

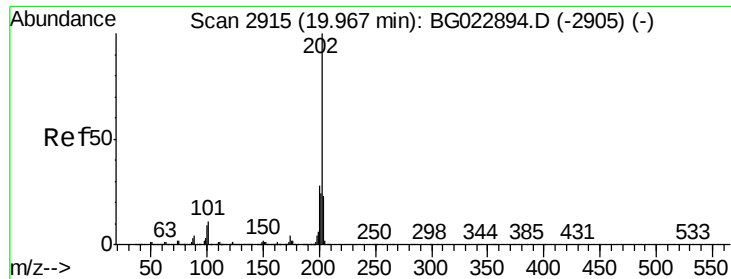
Tot Ion:240 Resp: 904869
Ion Ratio Lower Upper
240 100
120 6.8 4.1 6.1#
236 28.1 21.1 31.7



#76
Benzidine
Concen: 36.65 ng
RT: 19.79 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion:184 Resp: 950709
Ion Ratio Lower Upper
184 100
185 14.5 12.6 19.0
183 14.0 10.7 16.1





#77

Pvrene

Concen: 41.73 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

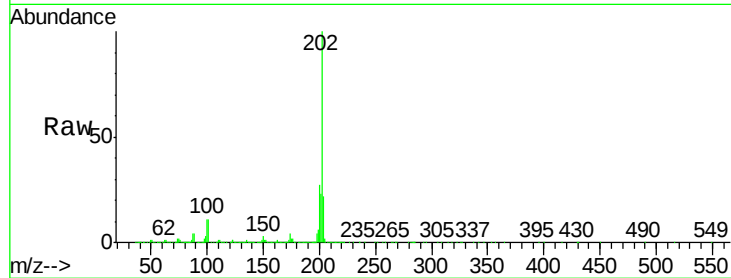
BNA_G

ClientSampleId :

PB92070BS

Tot Ion:202 Resp: 2121725

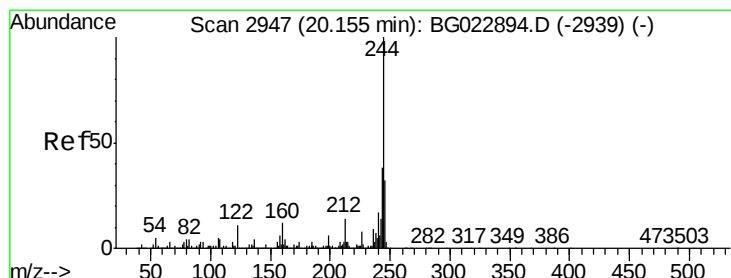
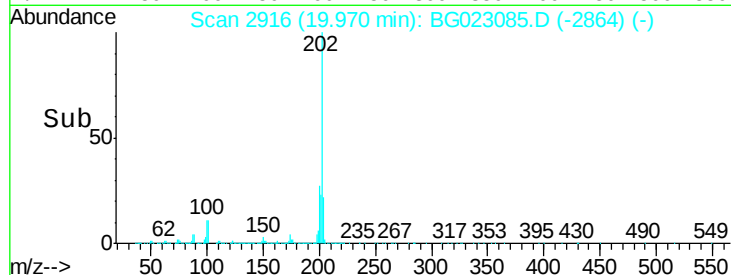
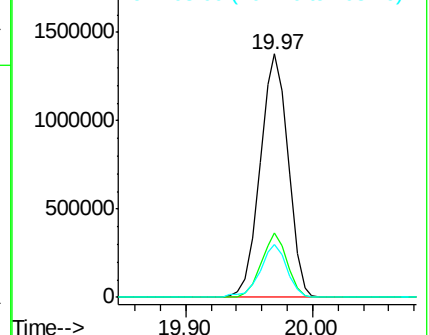
Ion	Ratio	Lower	Upper
202	100		
200	26.5	21.2	31.8
203	21.9	16.8	25.2



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: 104.41 ng

RT: 20.16 min Scan# 2948

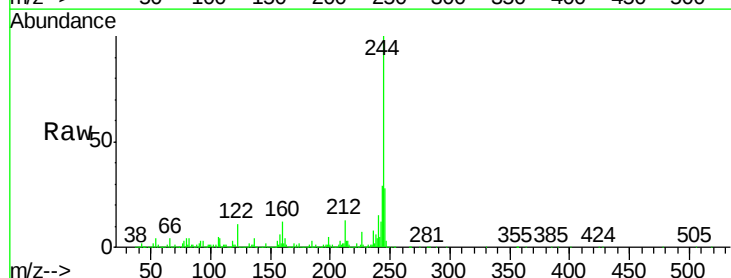
Delta R.T. 0.00 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Tgt Ion:244 Resp: 2730523

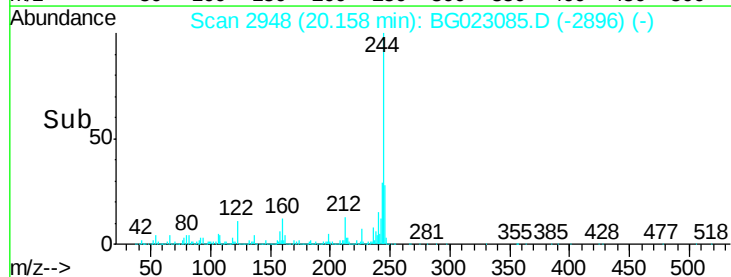
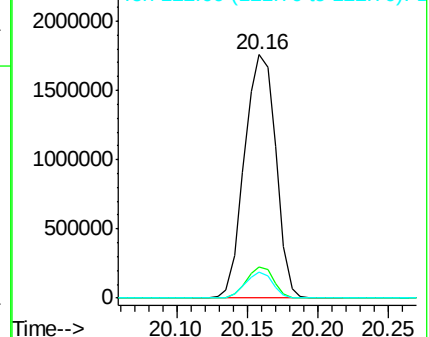
Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.8	16.2
122	10.6	8.0	12.0

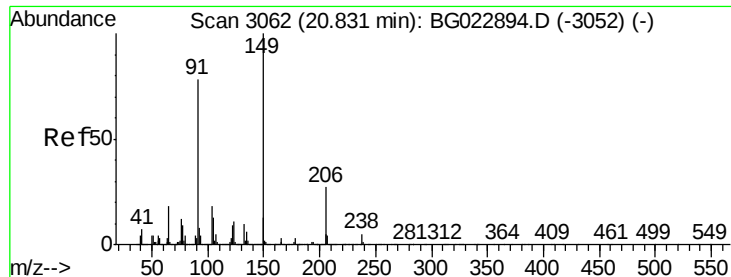


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

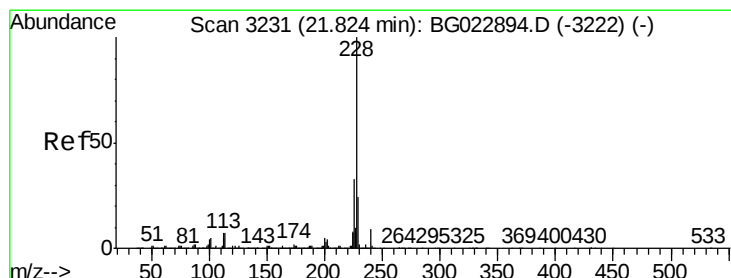
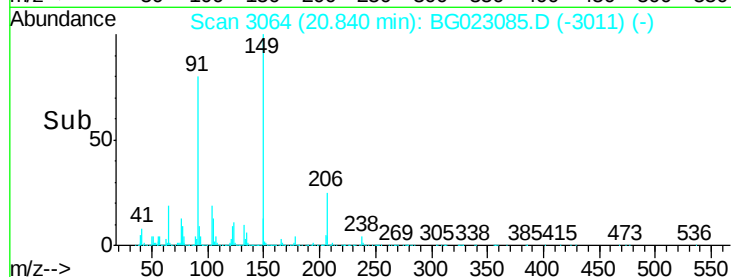
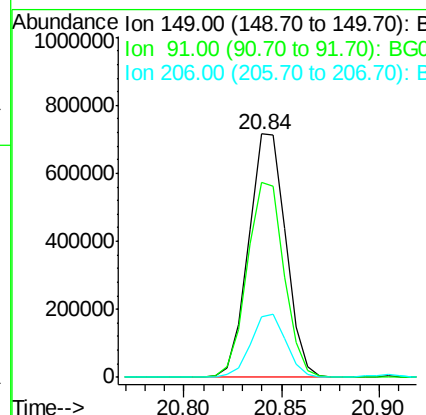
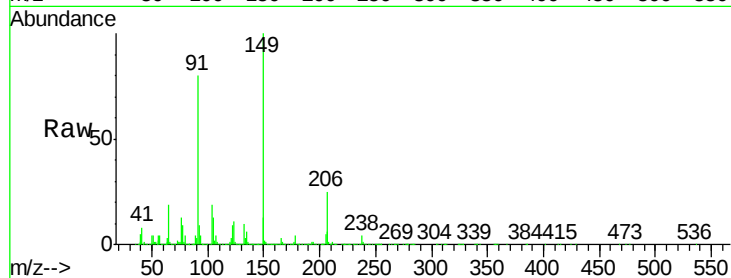




#79
Butylbenzylphthalate
Concen: 46.79 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.01 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

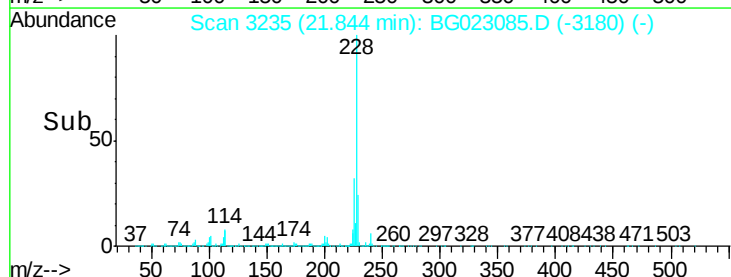
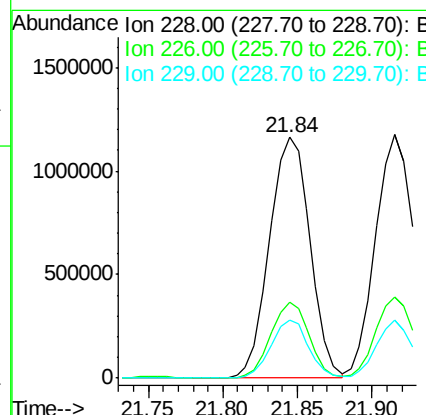
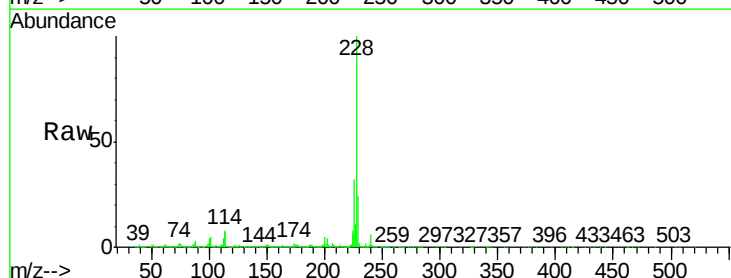
Instrument :
BNA_G
ClientSampleId :
PB92070BS

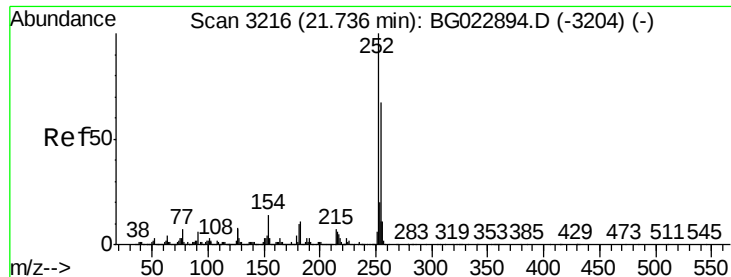
Tot Ion:149 Resp: 942470
Ion Ratio Lower Upper
149 100
91 80.0 68.1 102.1
206 24.7 19.8 29.6



#80
Benzo(a)anthracene
Concen: 43.39 ng
RT: 21.84 min Scan# 3235
Delta R.T. 0.02 min
Lab File: BG023085.D
Acq: 14 Jul 2016 2:32

Tgt Ion:228 Resp: 2196544
Ion Ratio Lower Upper
228 100
226 31.5 25.3 37.9
229 24.0 19.9 29.9

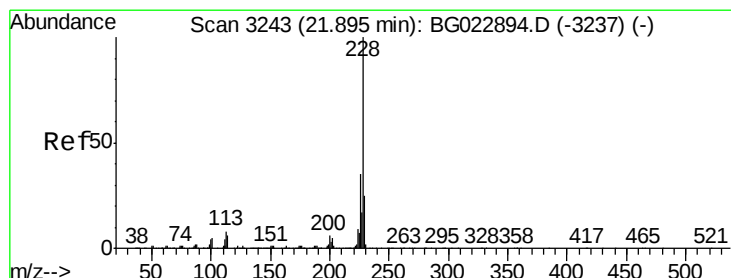
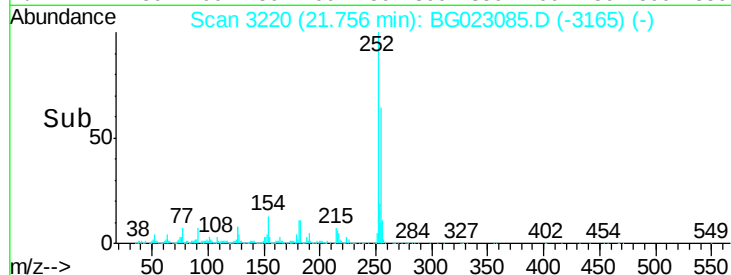
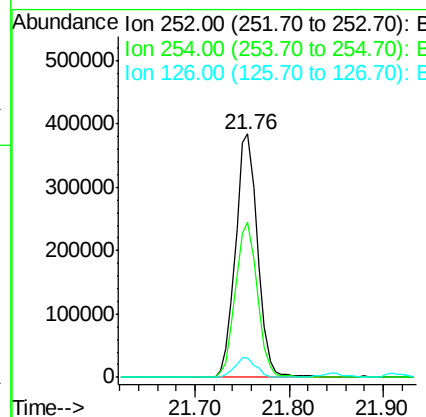
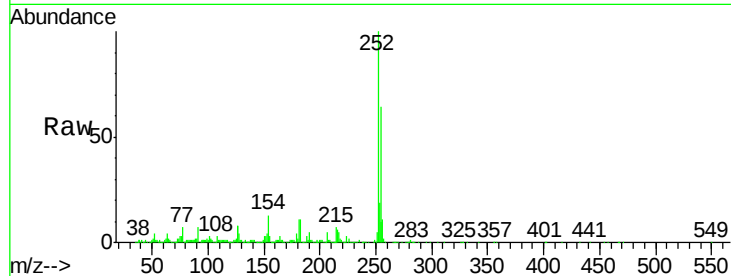




#81
 3,3'-Dichlorobenzidine
 Concen: 28.20 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

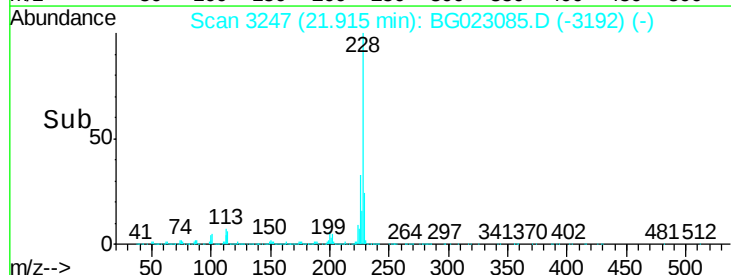
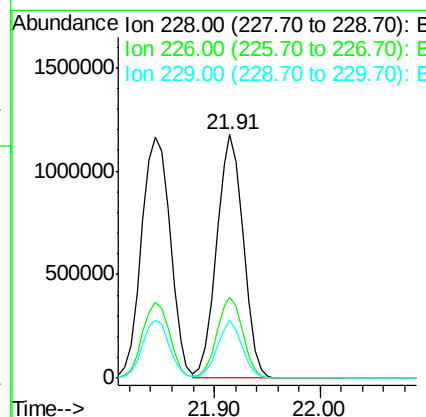
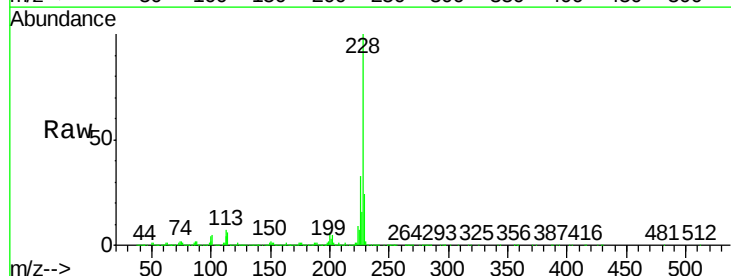
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

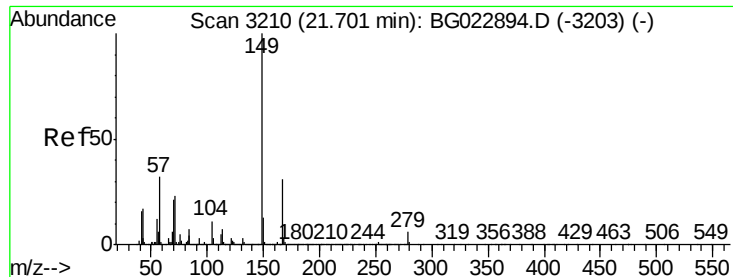
Tot Ion:252 Resp: 626610
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.2 76.8
 126 8.2 5.3 7.9#



#82
 Chrysene
 Concen: 43.52 ng
 RT: 21.91 min Scan# 3247
 Delta R.T. 0.02 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion:228 Resp: 2066894
 Ion Ratio Lower Upper
 228 100
 226 33.3 26.7 40.1
 229 23.6 17.4 26.2

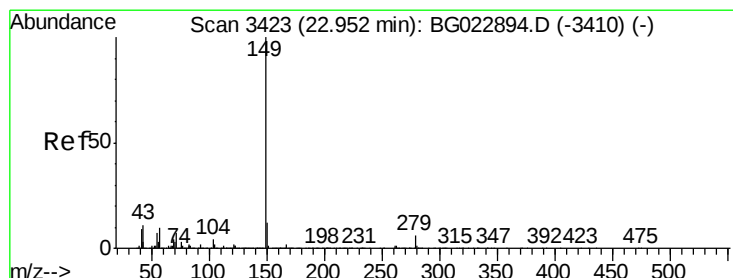
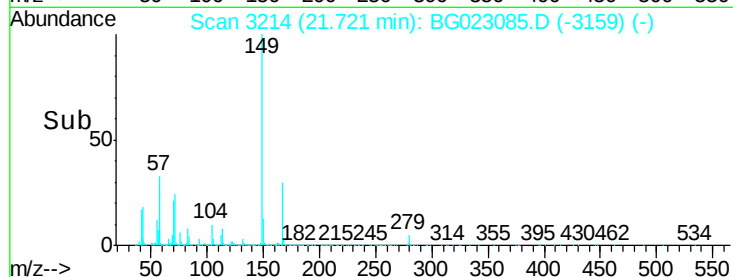
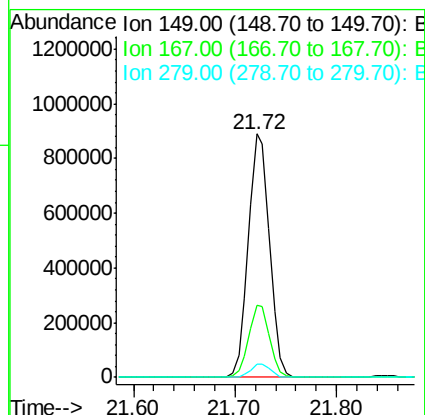
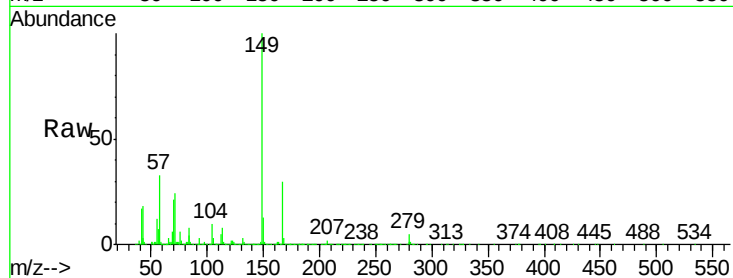




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.05 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.02 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

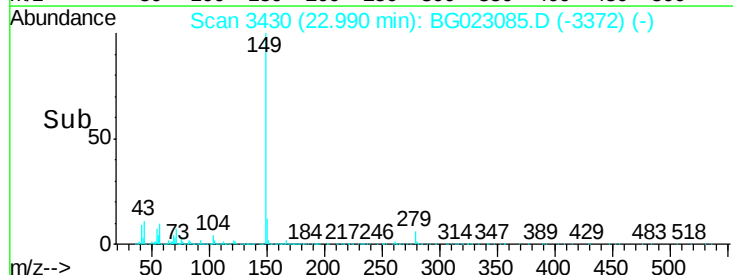
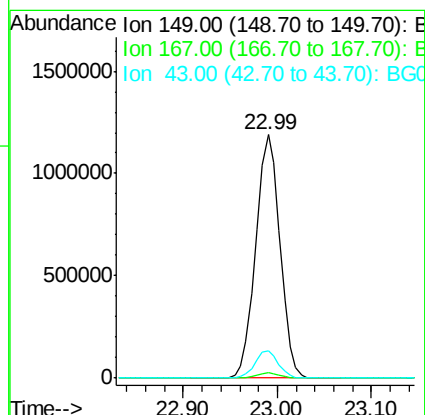
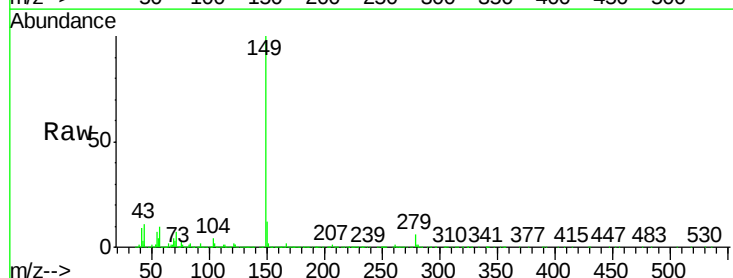
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

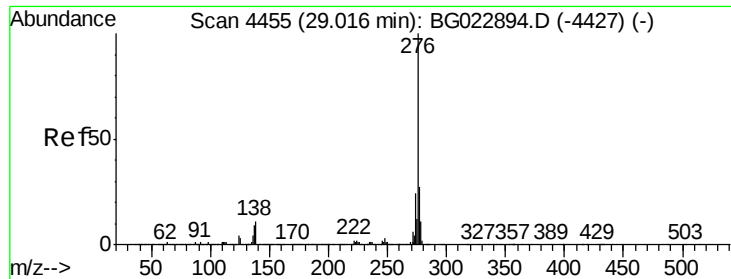
Tot Ion:149 Resp: 1287811
 Ion Ratio Lower Upper
 149 100
 167 29.6 24.0 36.0
 279 5.3 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 45.44 ng
 RT: 22.99 min Scan# 3430
 Delta R.T. 0.04 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion:149 Resp: 2119254
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 10.7 8.8 13.2

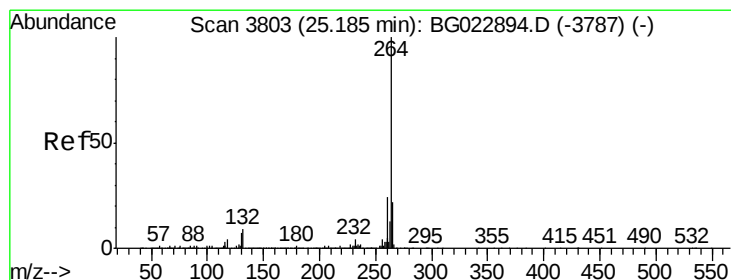
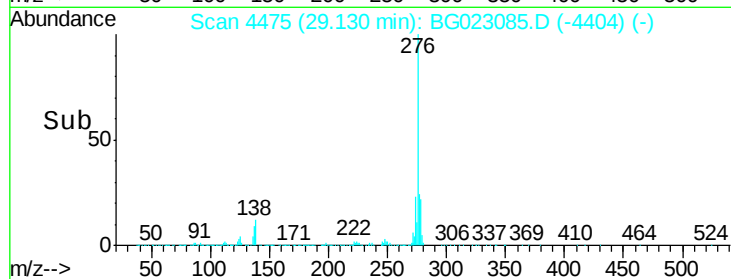
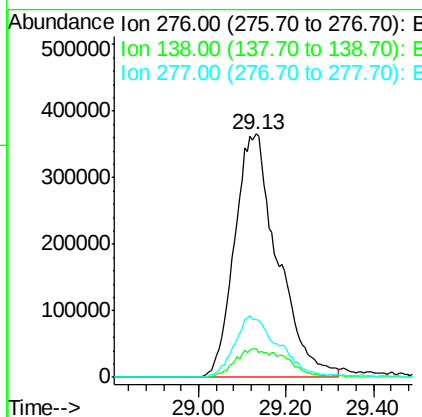
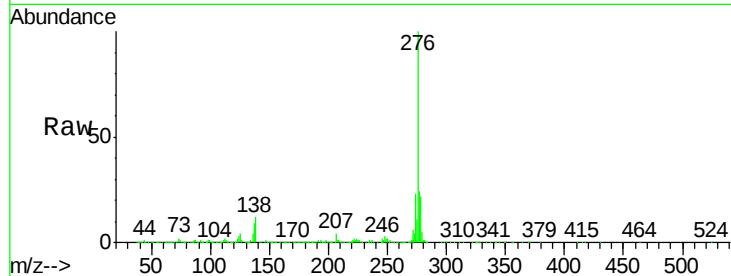




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.54 ng
 RT: 29.13 min Scan# 4475
 Delta R.T. 0.11 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

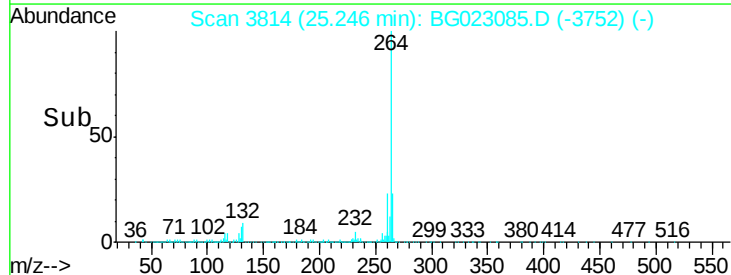
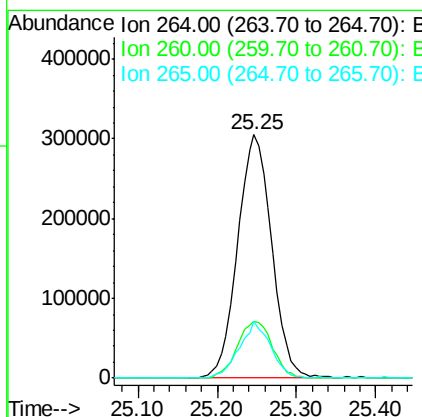
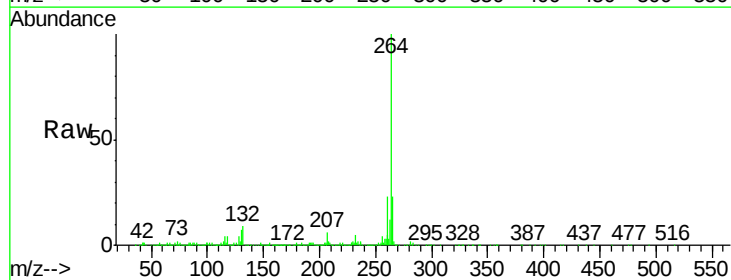
Instrument :
 BNA_G
 ClientSampleId :
 PB92070BS

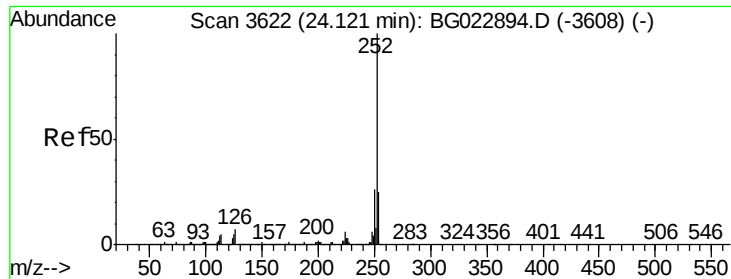
Tot Ion:276 Resp: 2454514
 Ion Ratio Lower Upper
 276 100
 138 8.5 0.0 0.0#
 277 25.6 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023085.D
 Acq: 14 Jul 2016 2:32

Tgt Ion:264 Resp: 908479
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 23.1 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 44.25 ng

RT: 24.17 min Scan# 3631

Delta R.T. 0.05 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

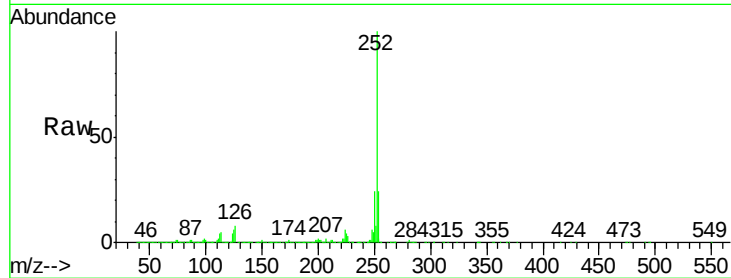
Tot Ion:252 Resp: 2319475

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

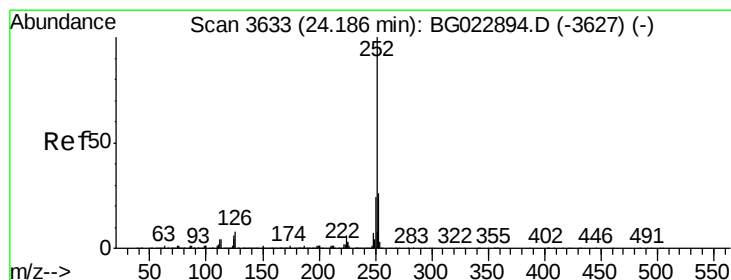
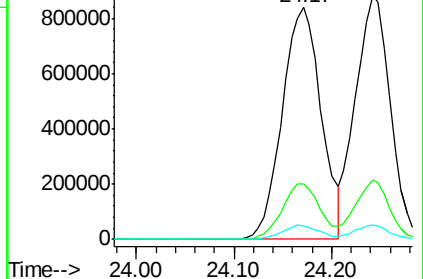
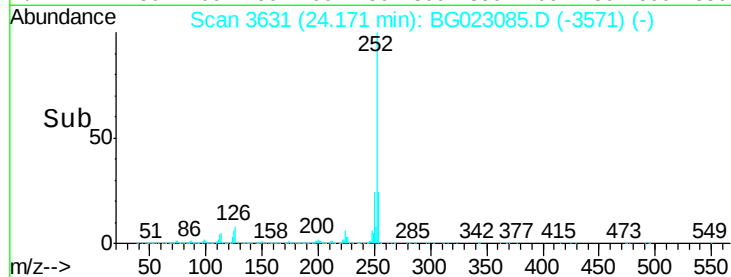
125 5.8 3.9 5.9



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



#88

Benzo(k)fluoranthene

Concen: 43.76 ng

RT: 24.24 min Scan# 3643

Delta R.T. 0.06 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

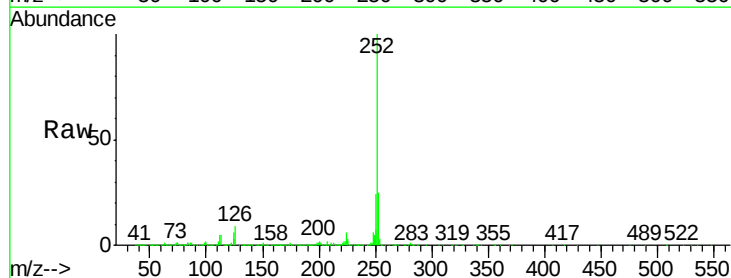
Tgt Ion:252 Resp: 2176701

Ion Ratio Lower Upper

252 100

253 24.6 18.8 28.2

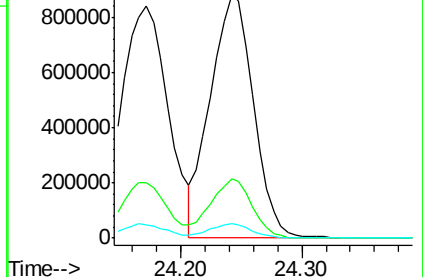
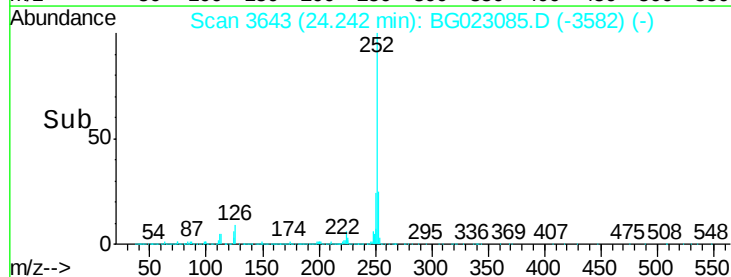
125 6.1 3.2 4.8#

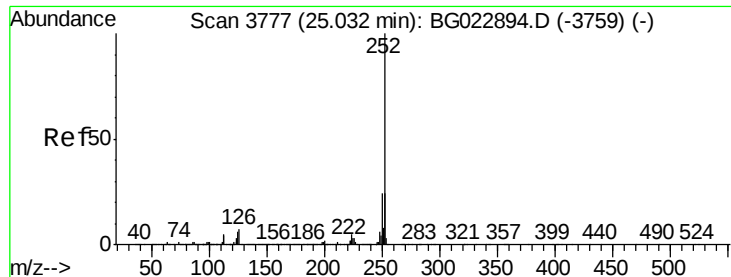


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.43 ng

RT: 25.09 min Scan# 3788

Delta R.T. 0.06 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

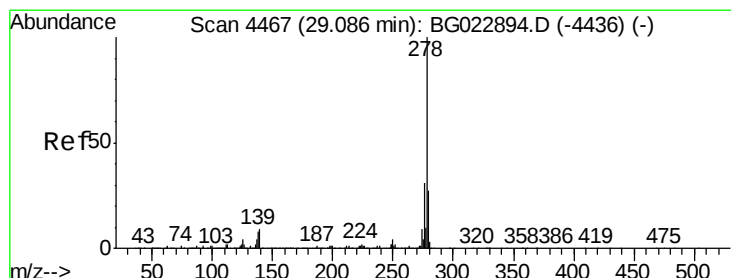
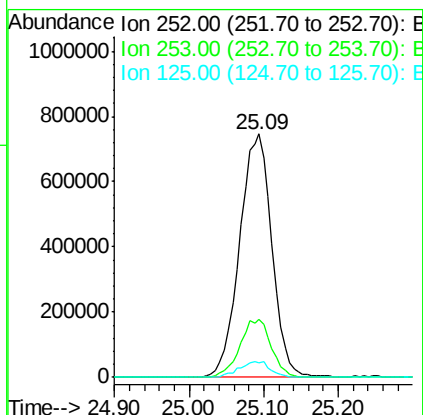
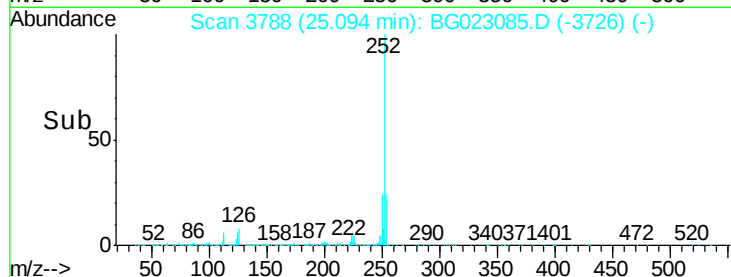
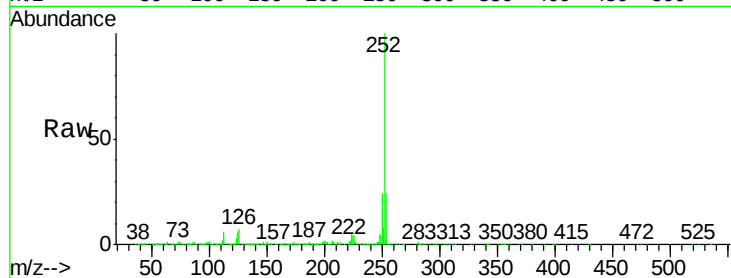
BNA_G

ClientSampleId :

PB92070BS

Tot Ion:252 Resp: 2232055

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	6.1	3.9	5.9



#90

Dibenzo(a,h)anthracene

Concen: 41.42 ng

RT: 29.19 min Scan# 4486

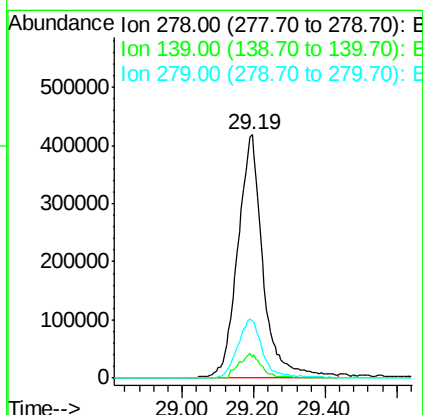
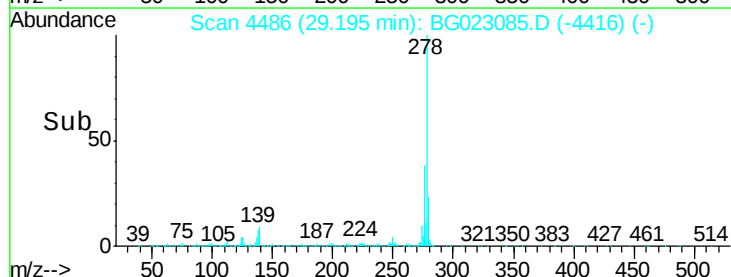
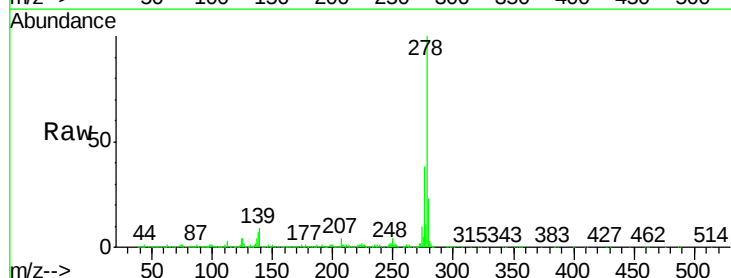
Delta R.T. 0.11 min

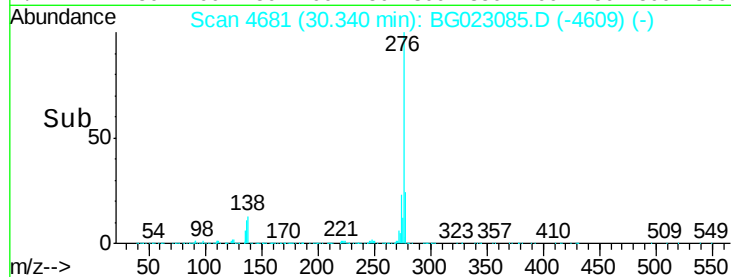
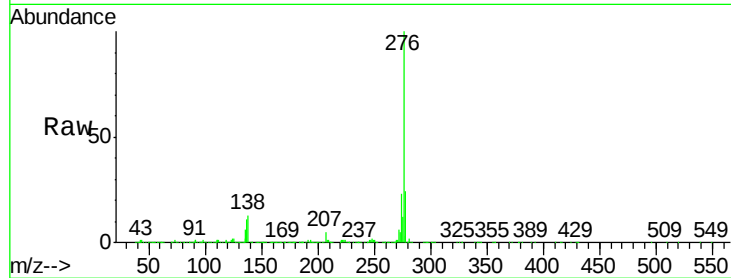
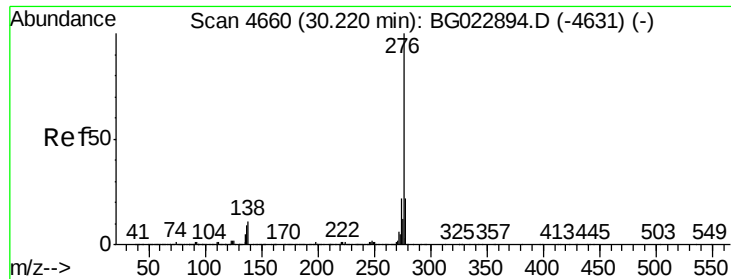
Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Tgt Ion:278 Resp: 2065520

Ion	Ratio	Lower	Upper
278	100		
139	8.7	4.7	7.1
279	23.2	18.3	27.5





#91

Benzo(a,h,i)perylene

Concen: 39.41 ng

RT: 30.34 min Scan# 4681

Delta R.T. 0.12 min

Lab File: BG023085.D

Acq: 14 Jul 2016 2:32

Instrument :

BNA_G

ClientSampleId :

PB92070BS

Tot Ion:276 Resp: 1967965

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 12.7 6.8 10.2#

