

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028868.D
 Acq On : 21 Sep 2017 21:43
 Operator : SJ/JU
 Sample : I5309-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 00:56:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	35986	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	141043	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	99996	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	267386	20.00	ng	-0.04
75) Chrysene-d12	21.99	240	319866	20.00	ng	-0.05
86) Perylene-d12	25.45	264	322759	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	315946	144.87	ng	-0.04
7) Phenol-d6	7.44	99	408767	124.49	ng	-0.04
23) Nitrobenzene-d5	9.46	82	299042	101.43	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	275209	166.40	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	750993	100.14	ng	-0.04
78) Terphenyl-d14	20.25	244	1432747	95.52	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.80	88	28087	31.80	ng	# 94
3) Pyridine	4.20	79	75881	30.12	ng	90
4) n-Nitrosodimethylamine	4.10	42	44961	39.23	ng	# 74
6) Aniline	7.62	93	59558	15.58	ng	98
8) 2-Chlorophenol	7.86	128	97579	40.14	ng	92
9) Benzaldehyde	7.43	77	28931	14.20	ng	93
10) Phenol	7.47	94	123239	35.56	ng	88
11) bis(2-Chloroethyl)ether	7.70	93	91936	36.95	ng	93
12) 1,3-Dichlorobenzene	8.18	146	100338	38.33	ng	92
13) 1,4-Dichlorobenzene	8.33	146	104017	38.64	ng	95
14) 1,2-Dichlorobenzene	8.64	146	101629	38.21	ng	94
15) Benzyl Alcohol	8.53	79	99482	38.81	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	162237	35.88	ng	96
17) 2-Methylphenol	8.73	107	87037	38.44	ng	92
18) Hexachloroethane	9.38	117	38510	39.03	ng	94
19) n-Nitroso-di-n-propylamine	9.09	70	84830	36.44	ng	# 87
20) 3+4-Methylphenols	9.05	107	121623	38.40	ng	96
22) Acetophenone	9.11	105	159502	38.68	ng	# 85
24) Nitrobenzene	9.50	77	130334	39.92	ng	94
25) Isophorone	10.02	82	232167	38.92	ng	97
26) 2-Nitrophenol	10.22	139	56093	40.37	ng	88
27) 2,4-Dimethylphenol	10.26	122	99074	39.01	ng	98
28) bis(2-Chloroethoxy)methane	10.49	93	130989	40.43	ng	98
29) 2,4-Dichlorophenol	10.76	162	108972	43.12	ng	96
30) 1,2,4-Trichlorobenzene	10.97	180	117219	40.66	ng	99
31) Naphthalene	11.16	128	302474	41.06	ng	98
32) Benzoic acid	10.42	122	41715	26.28	ng	# 81
33) 4-Chloroaniline	11.29	127	11023	3.57	ng	# 92
34) Hexachlorobutadiene	11.43	225	84958	40.01	ng	94
35) Caprolactam	12.06	113	17274	19.06	ng	# 82
36) 4-Chloro-3-methylphenol	12.37	107	127531	38.78	ng	99
37) 2-Methylnaphthalene	12.74	142	235882	42.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	150162	36.52	ng	98
40) Hexachlorocyclopentadiene	13.08	237	141002	87.49	ng	100

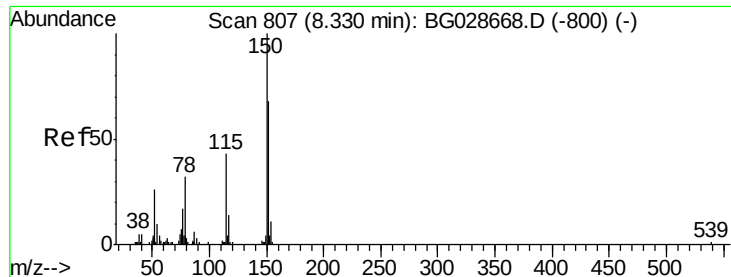
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
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Quant Time: Sep 22 00:56:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	105139	40.29	nq	95
43) 2,4,5-Trichlorophenol	13.43	196	113390	43.24	nq	94
45) 1,1'-Biphenyl	13.74	154	320893	38.76	nq	98
46) 2-Chloronaphthalene	13.79	162	248685	41.18	nq	98
47) 2-Nitroaniline	14.00	65	97136	43.28	nq	93
48) Acenaphthylene	14.63	152	398412	41.30	nq	97
49) Dimethylphthalate	14.35	163	355708	42.42	nq	99
50) 2,6-Dinitrotoluene	14.48	165	80549	43.17	nq	# 82
51) Acenaphthene	14.97	154	243515	41.55	nq	93
52) 3-Nitroaniline	14.82	138	23494	14.24	nq	96
53) 2,4-Dinitrophenol	15.03	184	69974	72.06	nq	94
54) Dibenzofuran	15.31	168	425169	45.49	nq	96
55) 4-Nitrophenol	15.13	139	95074	78.65	nq	# 77
56) 2,4-Dinitrotoluene	15.27	165	122941	46.86	nq	# 83
57) Fluorene	15.95	166	359572	43.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	113418	49.08	nq	91
59) Diethylphthalate	15.71	149	376009	43.64	nq	98
60) 4-Chlorophenyl-phenylether	15.93	204	206427	43.45	nq	90
61) 4-Nitroaniline	15.98	138	72811	41.65	nq	94
62) Azobenzene	16.23	77	333864	46.07	nq	92
64) 4,6-Dinitro-2-methylphenol	16.04	198	67610	39.19	nq	97
65) n-Nitrosodiphenylamine	16.15	169	317060	41.36	nq	99
66) 4-Bromophenyl-phenylether	16.83	248	142878	41.53	nq	93
67) Hexachlorobenzene	16.96	284	154112	39.36	nq	# 91
68) Atrazine	17.09	200	130524	39.66	nq	95
69) Pentachlorophenol	17.32	266	148796	84.10	nq	97
70) Phenanthrene	17.70	178	607604	44.44	nq	95
71) Anthracene	17.79	178	619301	44.84	nq	97
72) Carbazole	18.06	167	548075	44.06	nq	# 94
73) Di-n-butylphthalate	18.59	149	649908	42.61	nq	# 95
74) Fluoranthene	19.70	202	774845	46.41	nq	93
76) Benzidine	19.90	184	19868	2.40	nq	95
77) Pyrene	20.07	202	803391	43.54	nq	95
79) Butylbenzylphthalate	20.93	149	304240	40.83	nq	91
80) Benzo(a)anthracene	21.96	228	830135	43.12	nq	94
81) 3,3'-Dichlorobenzidine	21.87	252	142117	18.21	nq	97
82) Chrysene	22.03	228	785467	43.00	nq	95
83) Bis(2-ethylhexyl)phthalate	21.82	149	438969	41.44	nq	100
84) Di-n-octyl phthalate	23.11	149	742067	40.09	nq	# 88
85) Indeno(1,2,3-cd)pyrene	29.44	276	901797	38.42	nq	99
87) Benzo(b)fluoranthene	24.35	252	856579	44.30	nq	98
88) Benzo(k)fluoranthene	24.42	252	823764	42.65	nq	95
89) Benzo(a)pyrene	25.29	252	817296	44.53	nq	98
90) Dibenzo(a,h)anthracene	29.50	278	760110	39.72	nq	96
91) Benzo(g,h,i)perylene	30.69	276	723661	38.76	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

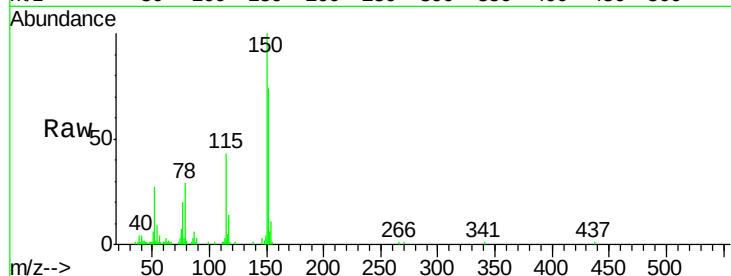
Tot Ion:152 Resp: 35986

Ion Ratio Lower Upper

152 100

150 134.8 114.0 171.0

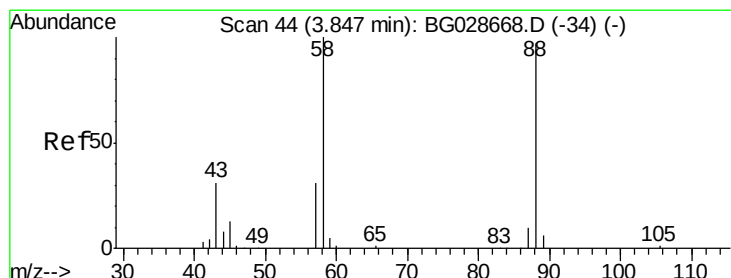
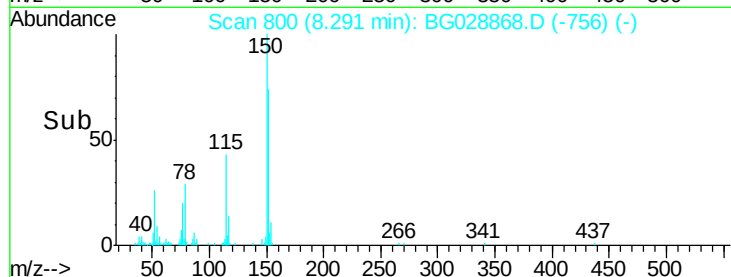
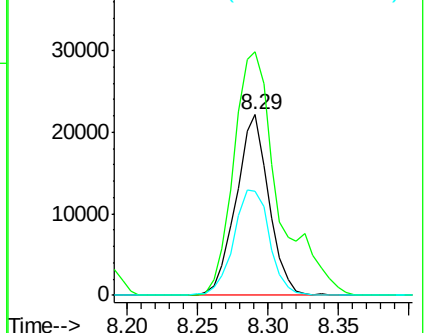
115 57.3 48.1 72.1



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: 31.80 ng

RT: 3.80 min Scan# 35

Delta R.T. -0.05 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

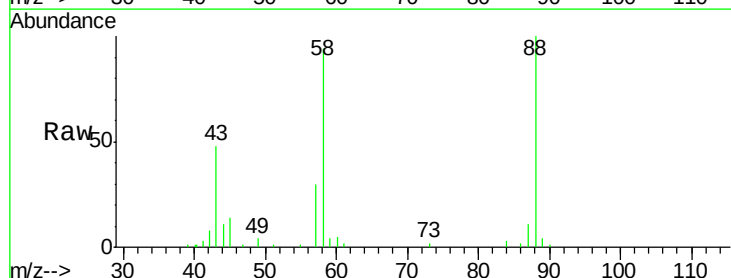
Tgt Ion: 88 Resp: 28087

Ion Ratio Lower Upper

88 100

58 96.2 79.4 119.2

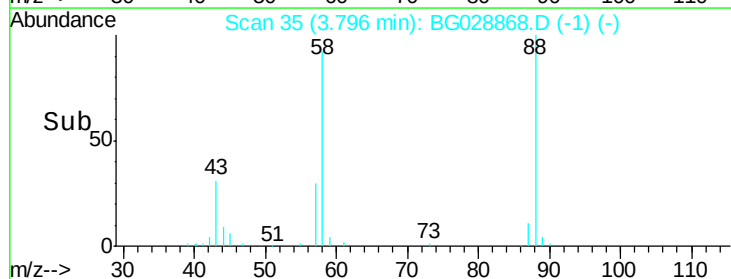
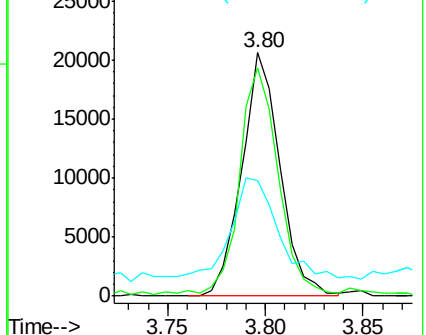
43 51.3 33.8 50.6#

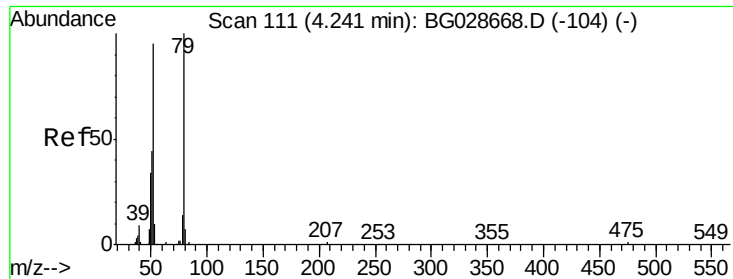


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.12 ng

RT: 4.20 min Scan# 103

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

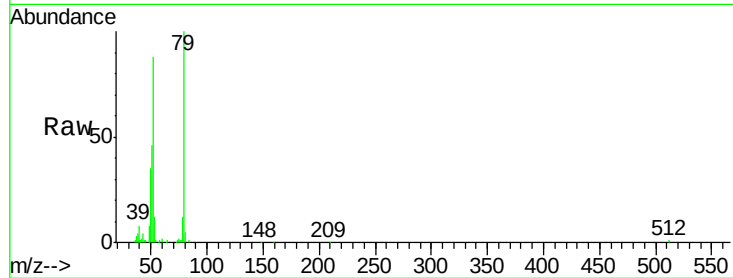
Tot Ion: 79 Resp: 75881

Ion Ratio Lower Upper

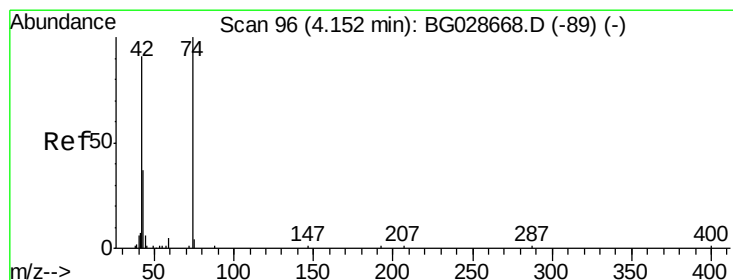
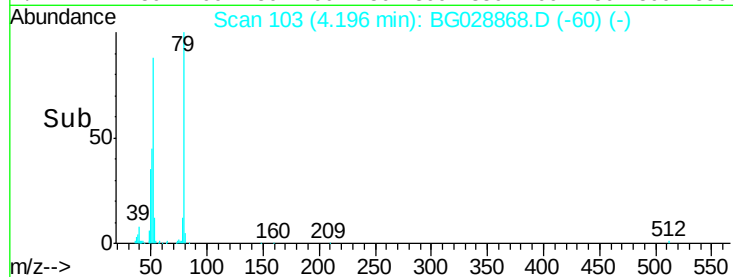
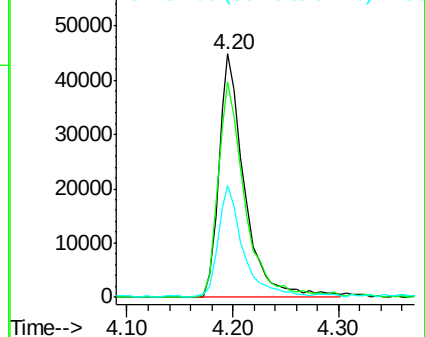
79 100

52 88.3 77.8 116.6

51 46.1 43.2 64.8



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: 39.23 ng

RT: 4.10 min Scan# 86

Delta R.T. -0.06 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

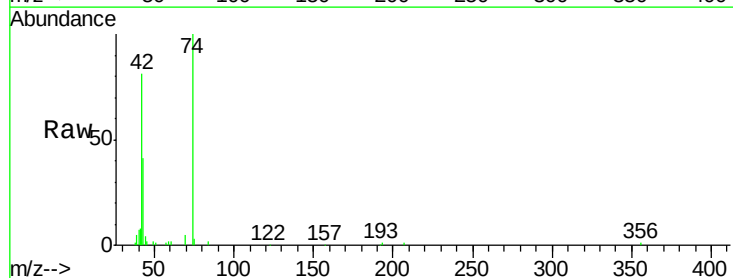
Tgt Ion: 42 Resp: 44961

Ion Ratio Lower Upper

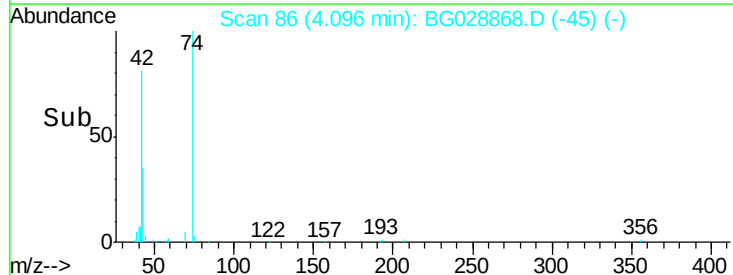
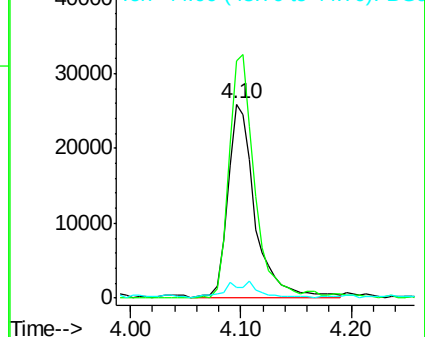
42 100

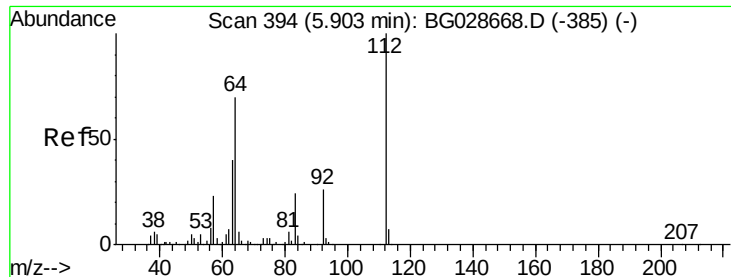
74 122.8 76.7 115.1#

44 5.4 6.1 9.1#



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: 144.87 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampled :

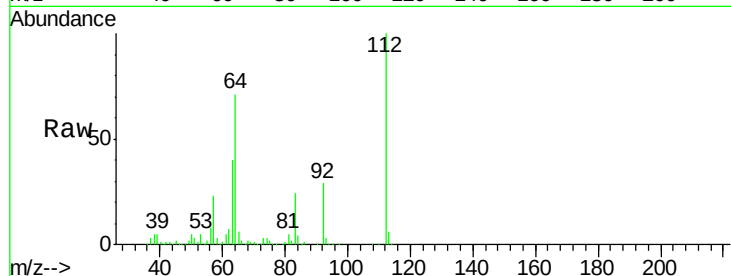
Tot Ion:112 Resp: 315946

Ion Ratio Lower Upper

112 100

64 70.5 61.8 92.6

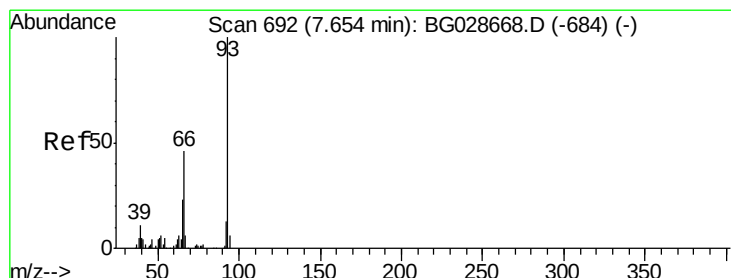
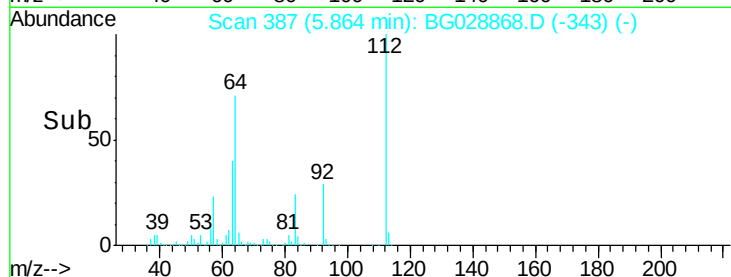
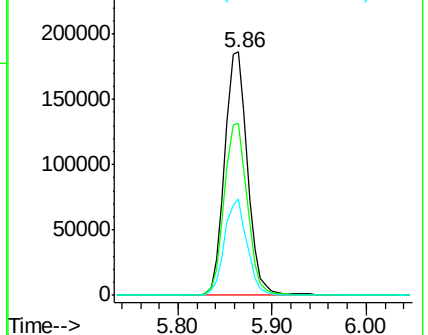
63 39.6 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.58 ng

RT: 7.62 min Scan# 685

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

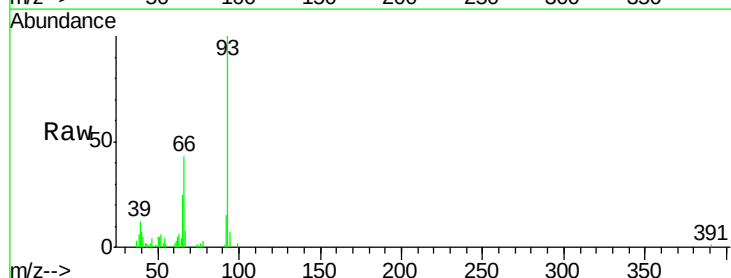
Tgt Ion: 93 Resp: 59558

Ion Ratio Lower Upper

93 100

66 43.4 35.4 53.2

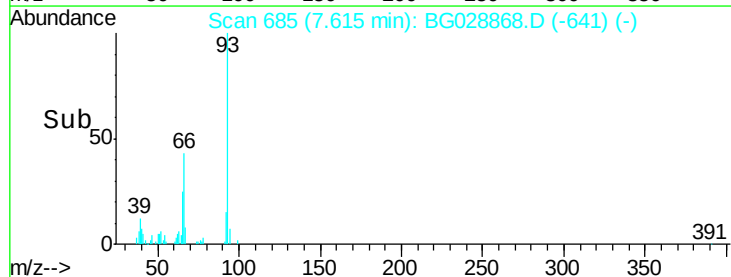
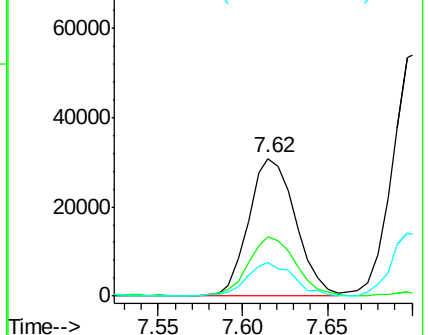
65 24.6 21.2 31.8

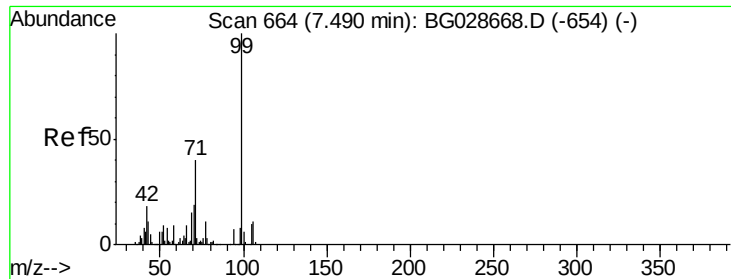


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.49 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

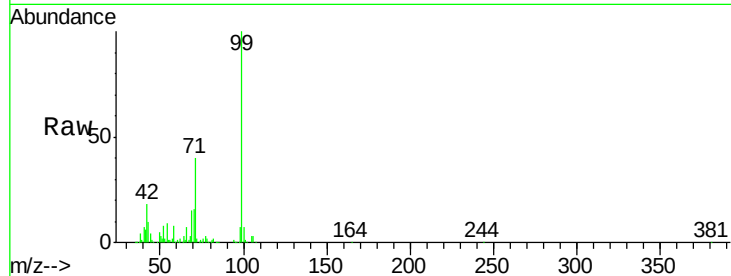
Instrument :

BNA_G

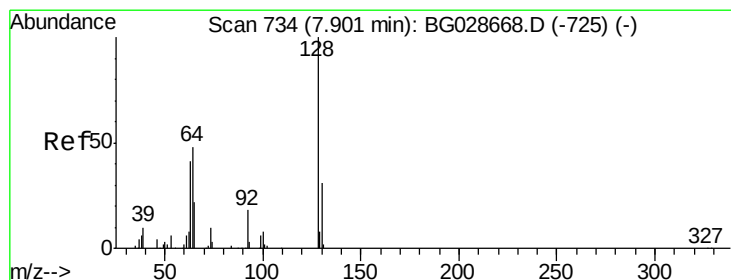
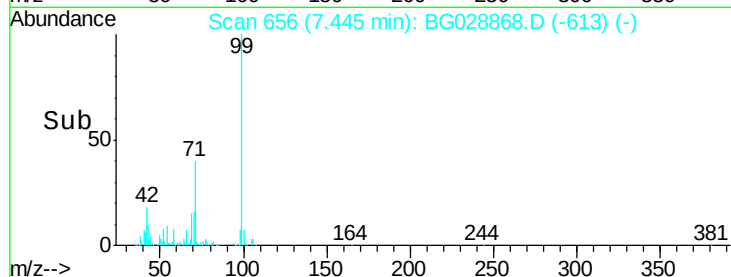
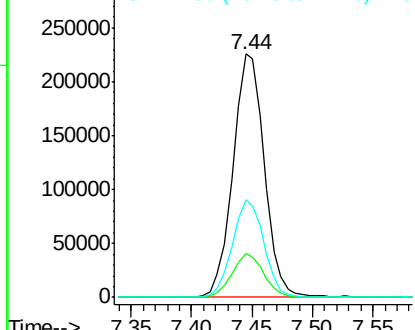
ClientSampleId :

Tot Ion: 99 Resp: 408767

Ion	Ratio	Lower	Upper
99	100		
42	18.3	20.5	30.7#
71	40.2	37.6	56.4



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



#8

2-Chlorophenol

Concen: 40.14 ng

RT: 7.86 min Scan# 726

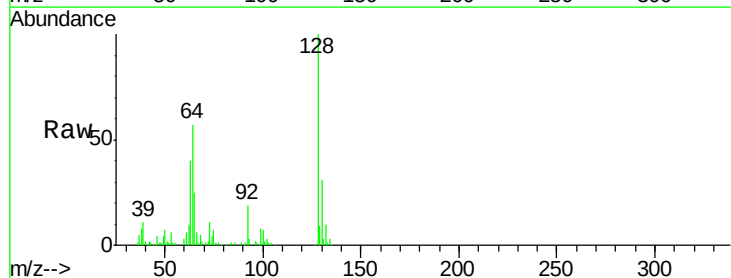
Delta R.T. -0.04 min

Lab File: BG028868.D

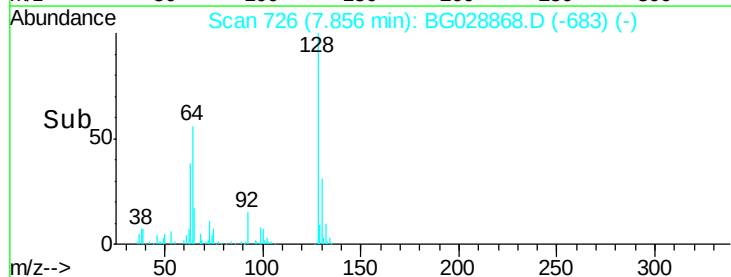
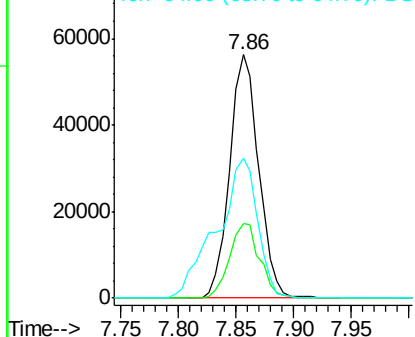
Acq: 21 Sep 2017 21:43

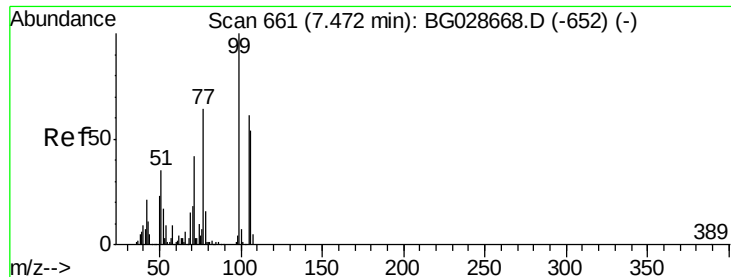
Tgt Ion: 128 Resp: 97579

Ion	Ratio	Lower	Upper
128	100		
130	30.9	11.4	51.4
64	57.3	46.6	86.6



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: 14.20 ng

RT: 7.43 min Scan# 653

Delta R.T. -0.05 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

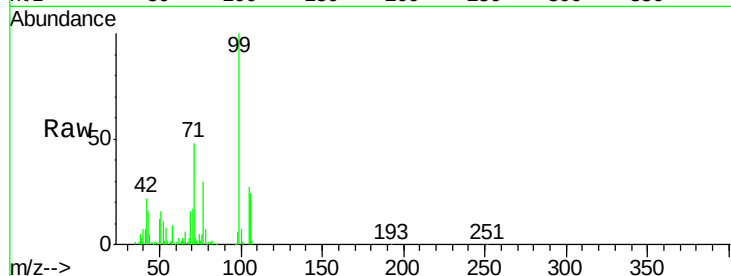
Tot Ion: 77 Resp: 28931

Ion Ratio Lower Upper

77 100

105 89.3 60.9 100.9

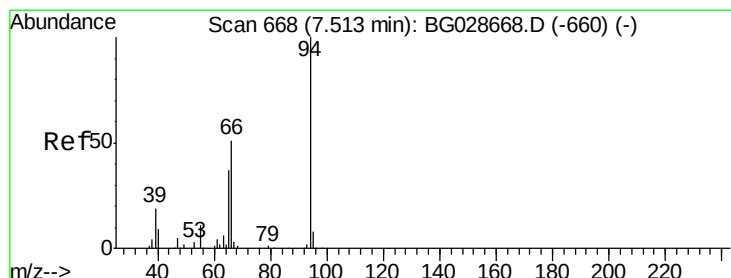
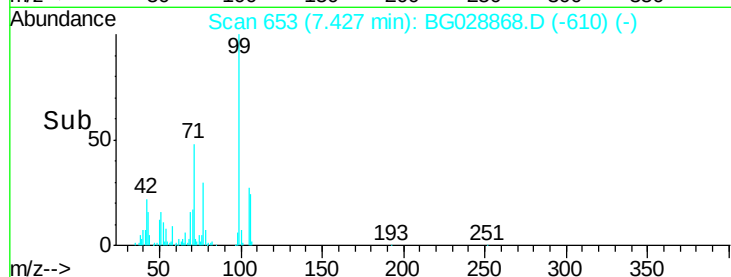
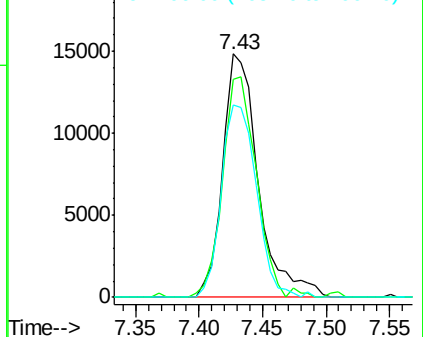
106 79.0 55.1 95.1



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: 35.56 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

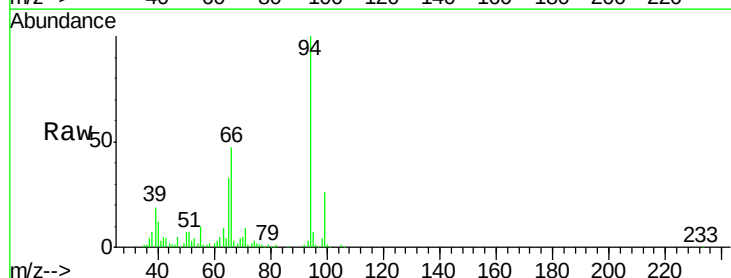
Tgt Ion: 94 Resp: 123239

Ion Ratio Lower Upper

94 100

65 32.8 20.6 60.6

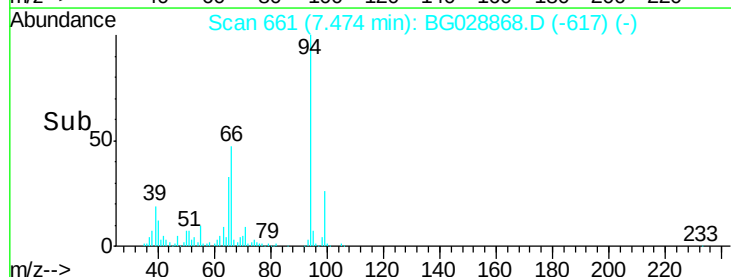
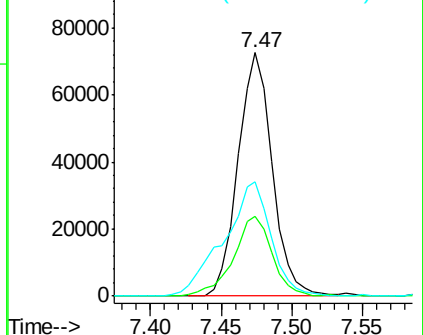
66 47.0 35.5 75.5

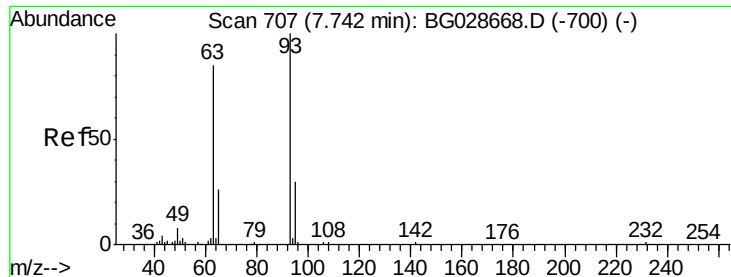


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.95 ng

RT: 7.70 min Scan# 700

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

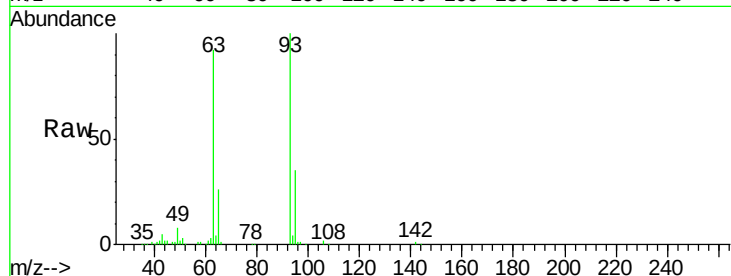
Tot Ion: 93 Resp: 91936

Ion Ratio Lower Upper

93 100

63 91.9 78.5 118.5

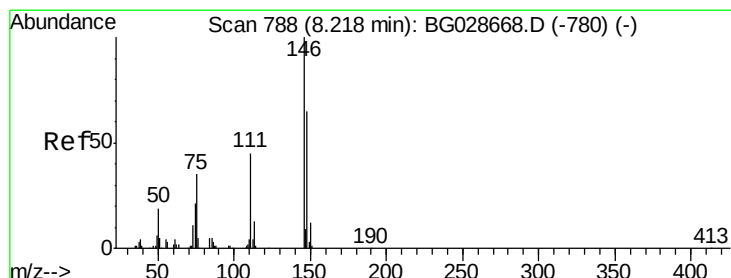
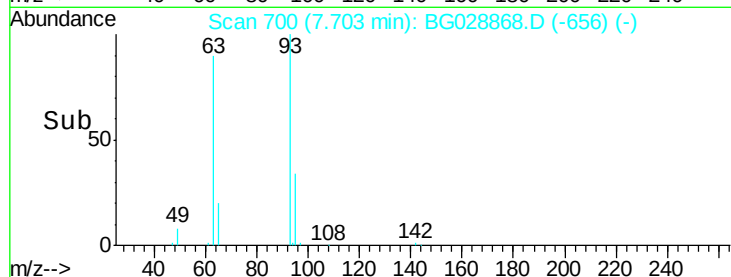
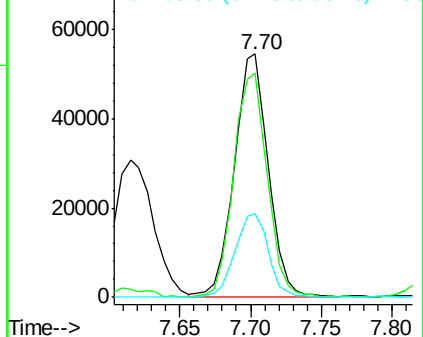
95 34.5 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.33 ng

RT: 8.18 min Scan# 781

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

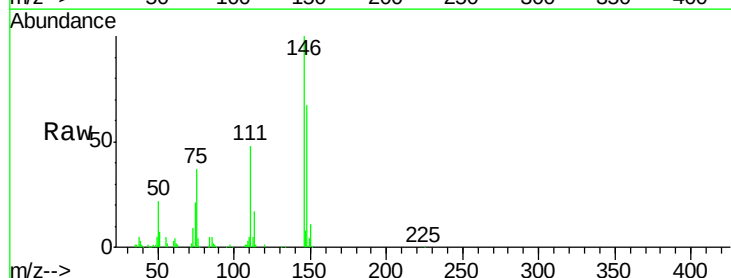
Tgt Ion: 146 Resp: 100338

Ion Ratio Lower Upper

146 100

148 67.1 49.2 73.8

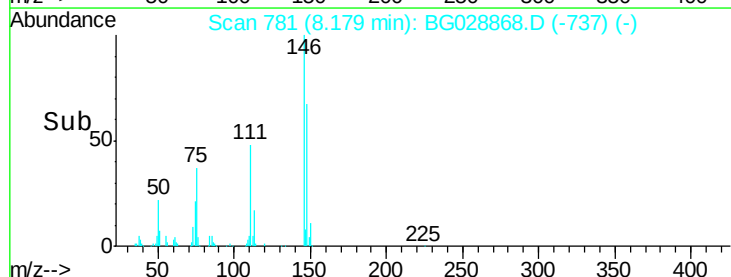
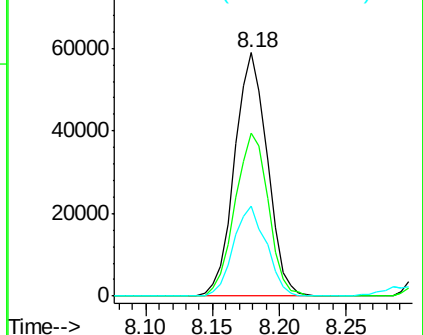
75 36.7 33.4 50.2

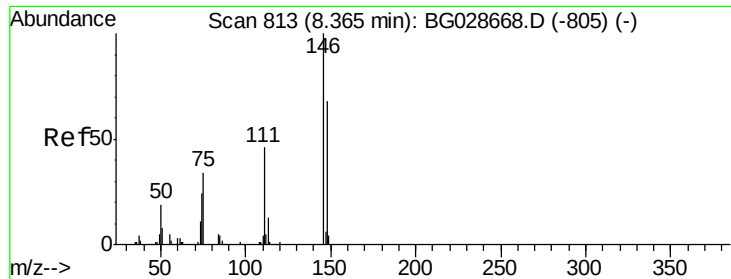


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

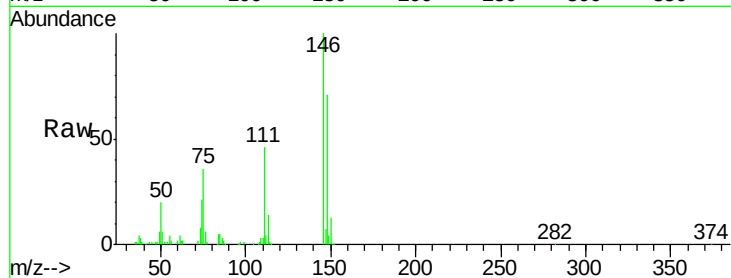




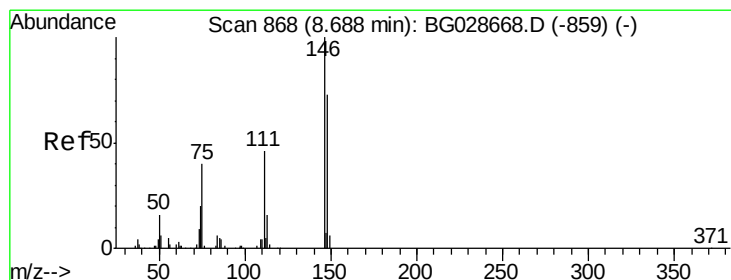
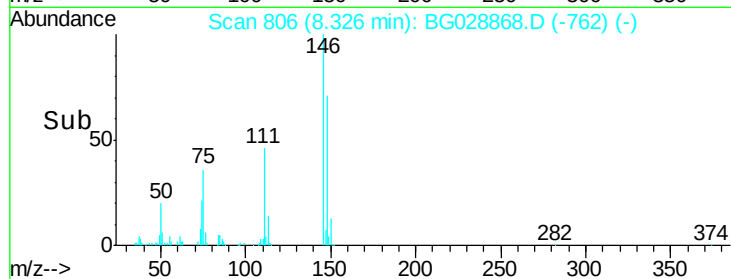
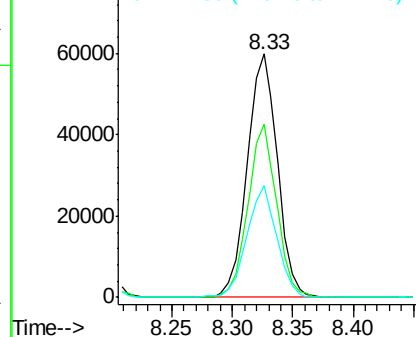
#13
 1,4-Dichlorobenzene
 Concen: 38.64 ng
 RT: 8.33 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 104017
 Ion Ratio Lower Upper
 146 100
 148 71.3 52.2 78.2
 111 45.7 37.0 55.6

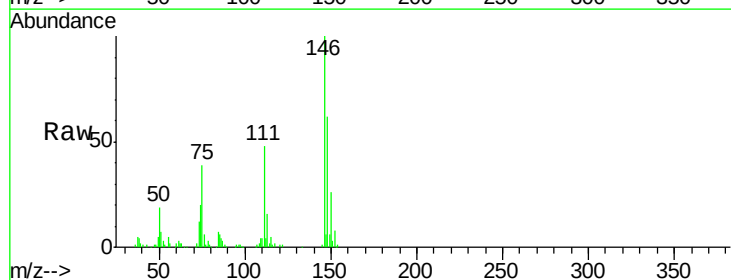


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

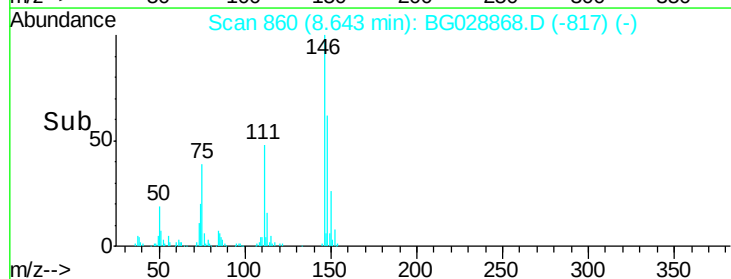
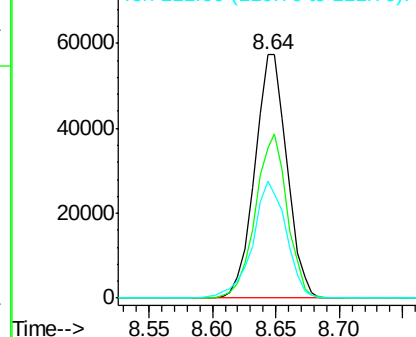


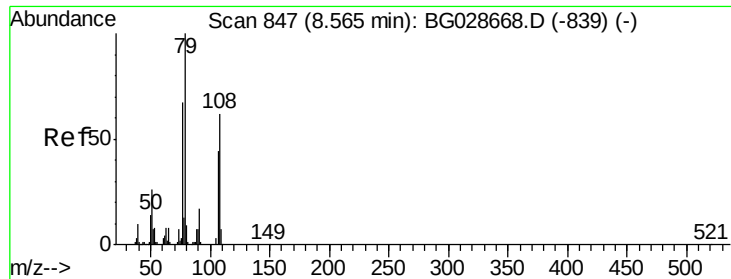
#14
 1,2-Dichlorobenzene
 Concen: 38.21 ng
 RT: 8.64 min Scan# 860
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion:146 Resp: 101629
 Ion Ratio Lower Upper
 146 100
 148 61.9 54.6 81.8
 111 48.0 39.7 59.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.81 ng

RT: 8.53 min Scan# 840

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

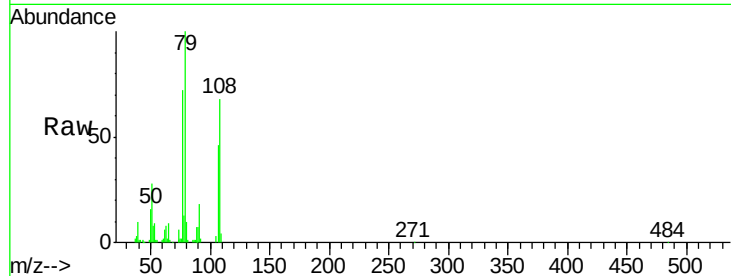
Tot Ion: 79 Resp: 99482

Ion Ratio Lower Upper

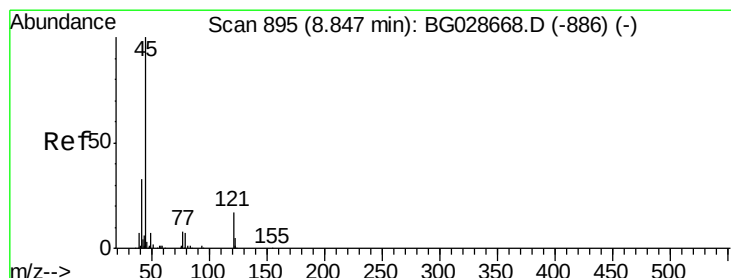
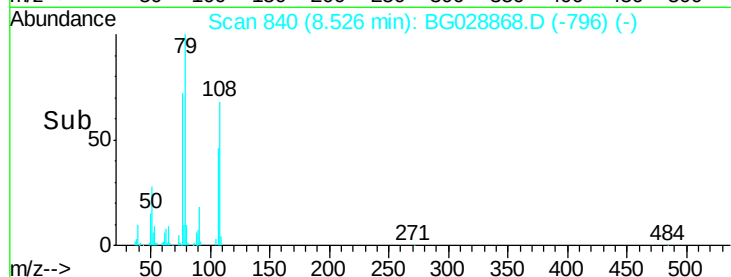
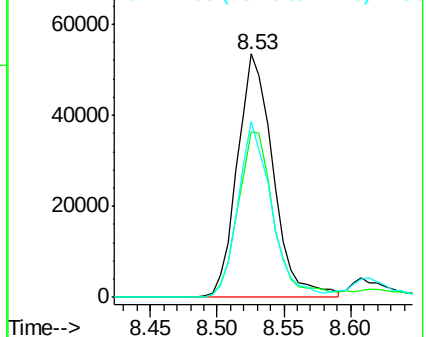
79 100

108 68.1 45.5 68.3

77 71.9 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.88 ng

RT: 8.80 min Scan# 887

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

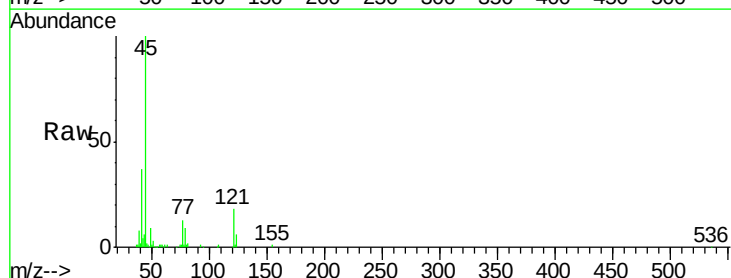
Tgt Ion: 45 Resp: 162237

Ion Ratio Lower Upper

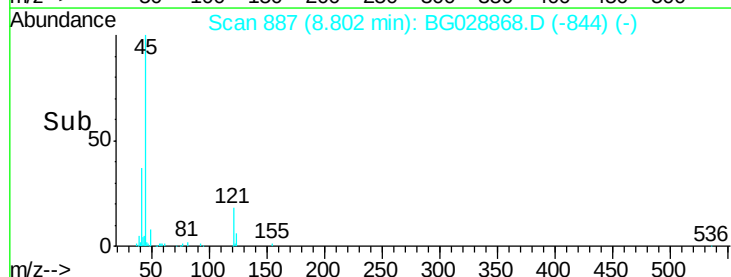
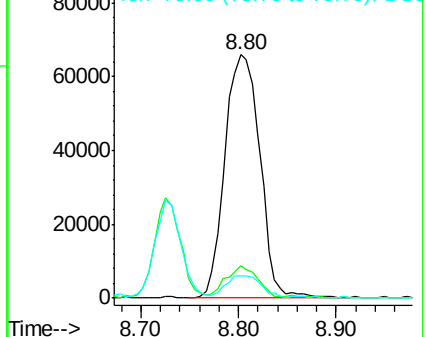
45 100

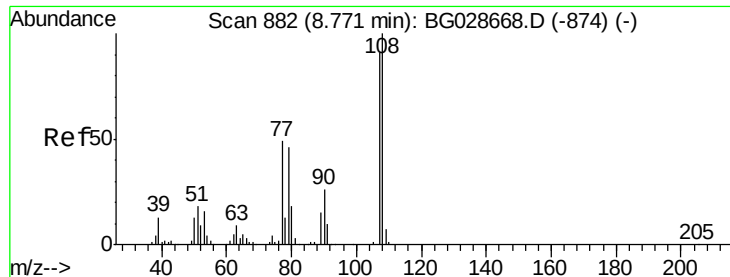
77 13.3 0.0 30.6

79 8.9 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

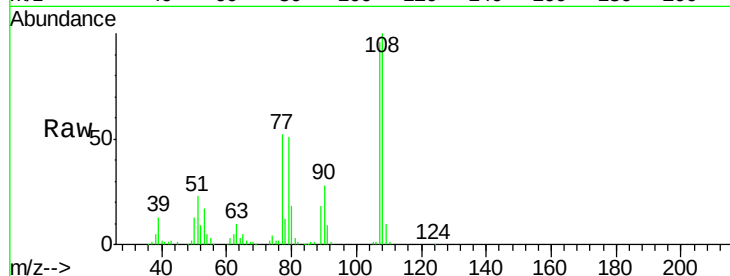




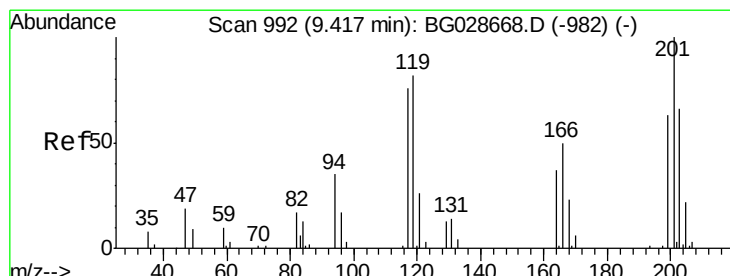
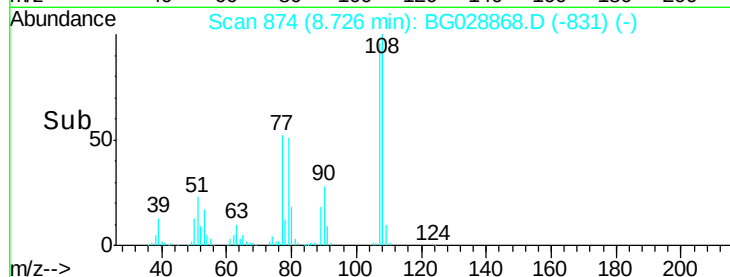
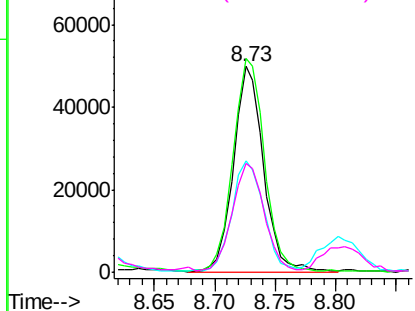
#17
2-Methylphenol
Concen: 38.44 ng
RT: 8.73 min Scan# 874
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	87037
Ion	Ratio	Lower	Upper
107	100		
108	103.7	85.6	128.4
77	54.2	51.4	77.2
79	52.9	49.2	73.8

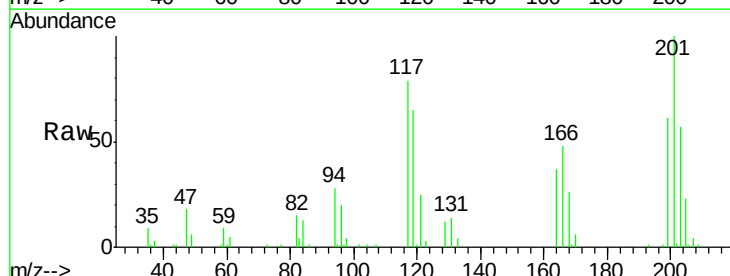


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

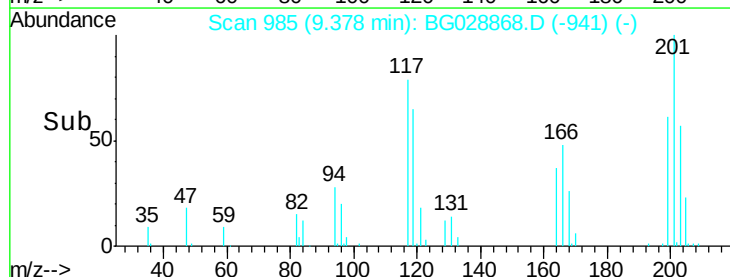
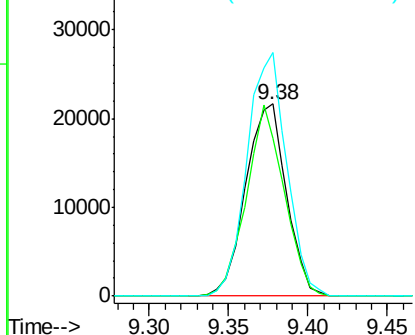


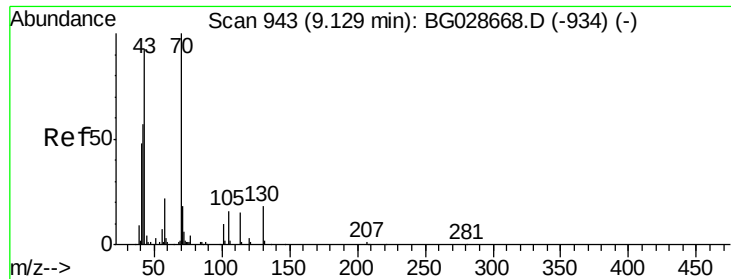
#18
Hexachloroethane
Concen: 39.03 ng
RT: 9.38 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:	117	Resp:	38510
Ion	Ratio	Lower	Upper
117	100		
119	82.1	69.8	104.6
201	126.6	95.4	143.0



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

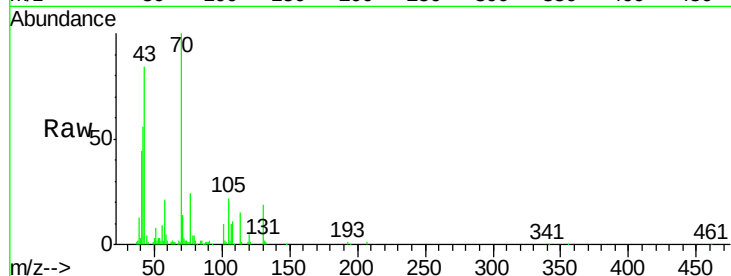




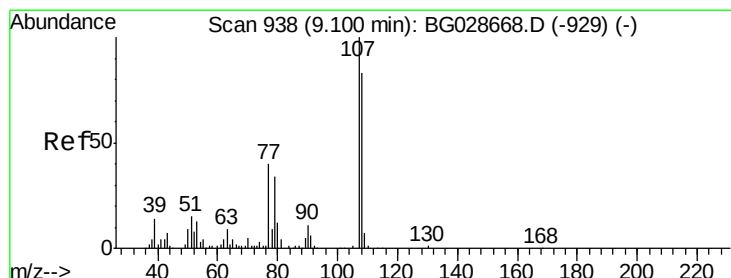
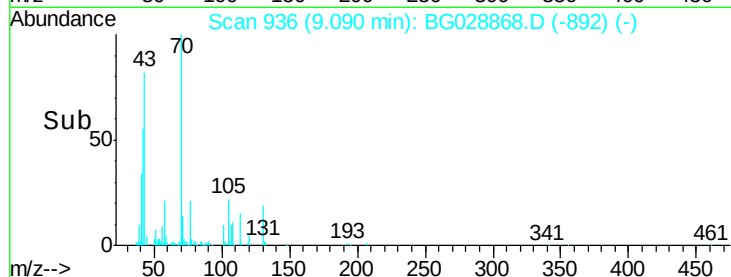
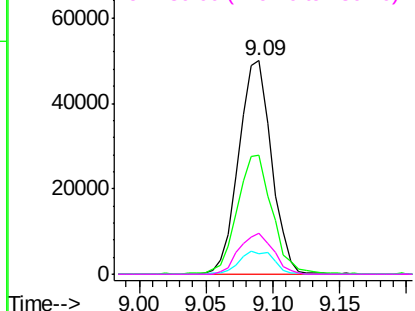
#19
n-Nitroso-di-n-propylamine
Concen: 36.44 ng
RT: 9.09 min Scan# 936
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	56.1	84.1#
101	9.7	7.5	11.3
130	18.9	14.6	21.8

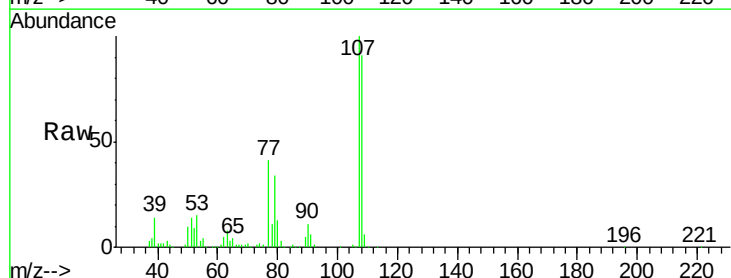


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

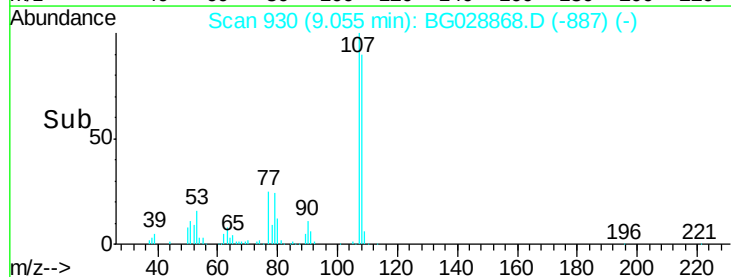
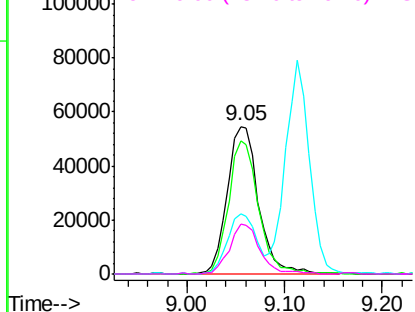


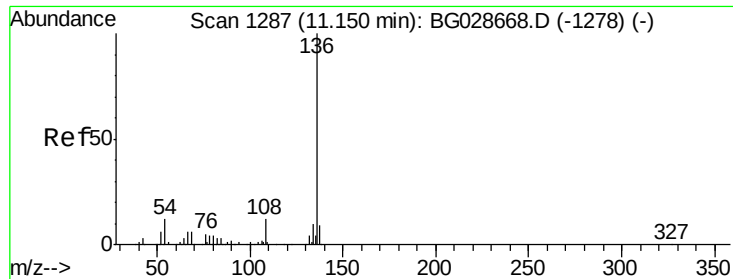
#20
3+4-Methylphenols
Concen: 38.40 ng
RT: 9.05 min Scan# 930
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.8	110.8
77	40.5	25.8	65.8
79	34.4	20.1	60.1



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

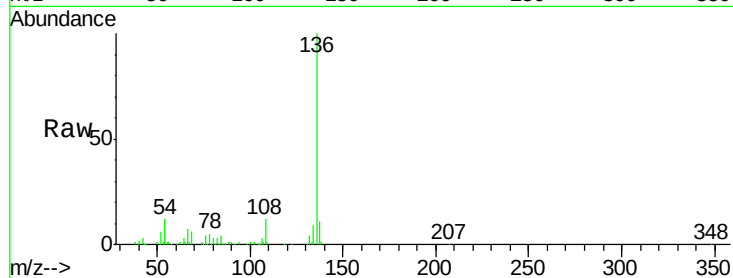




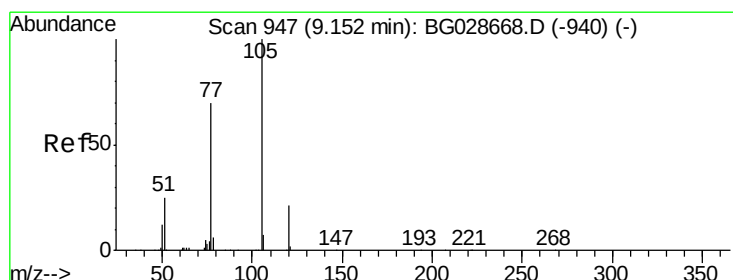
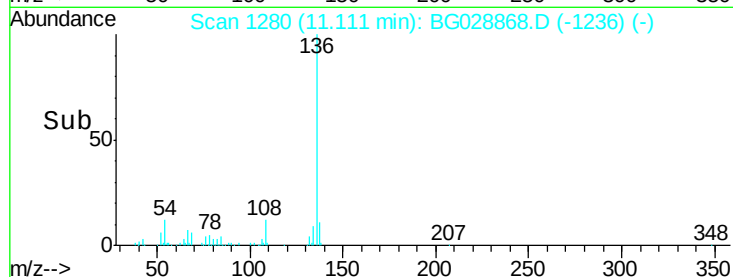
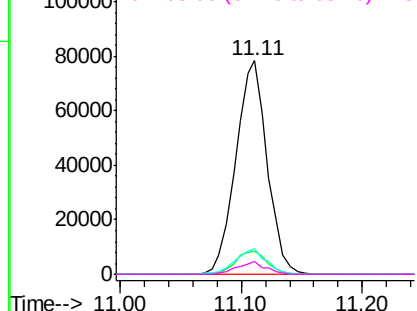
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	141043
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	11.8	9.3 13.9
68	5.7	5.1 7.7

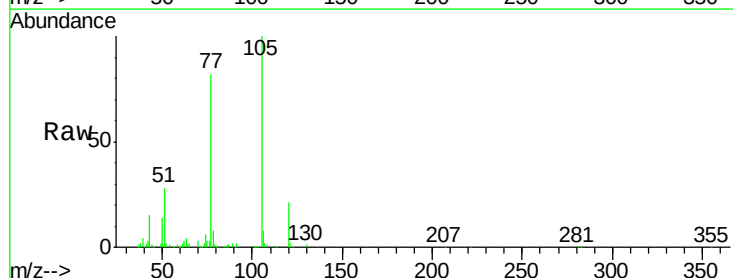


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

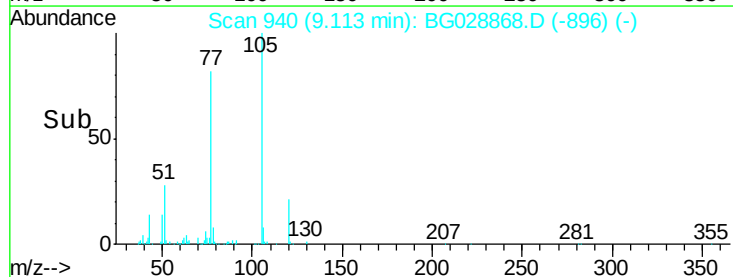
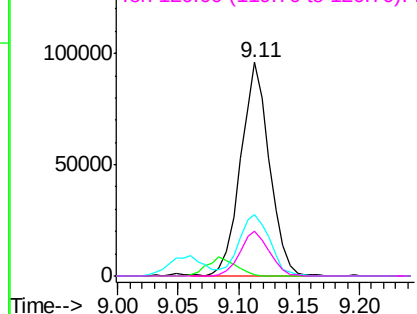


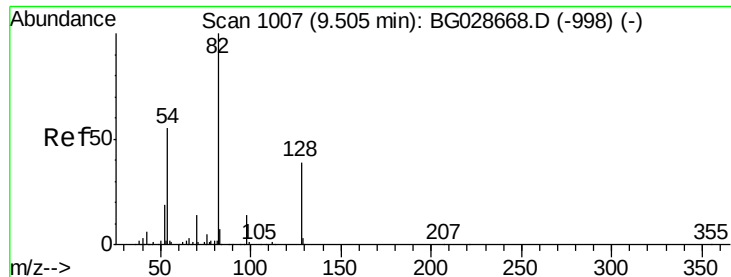
#22
Acetophenone
Concen: 38.68 ng
RT: 9.11 min Scan# 940
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:105	Resp:	159502
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.9 1.3#
51	28.5	34.0 51.0#
120	21.2	17.3 25.9



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

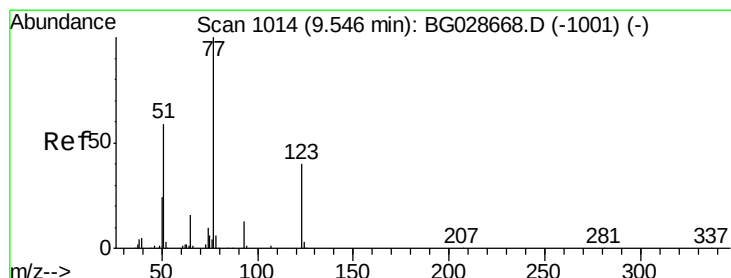
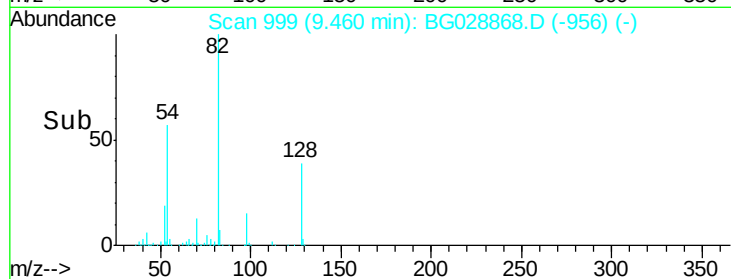
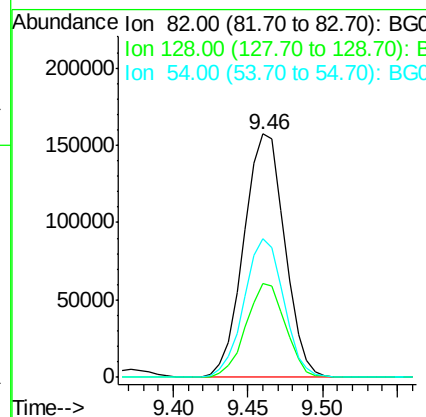
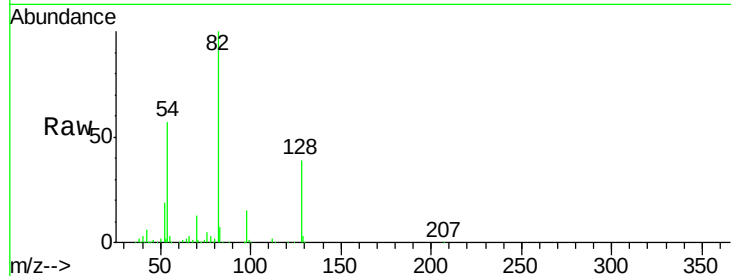




#23
 Nitrobenzene-d5
 Concen: 101.43 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

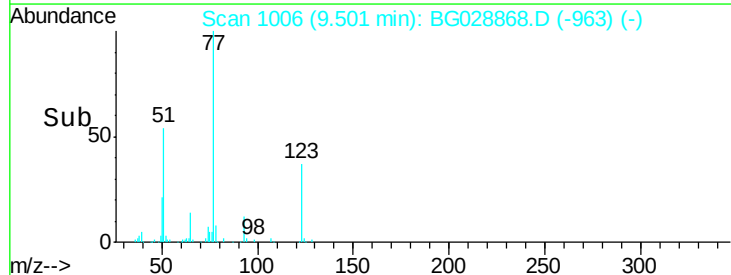
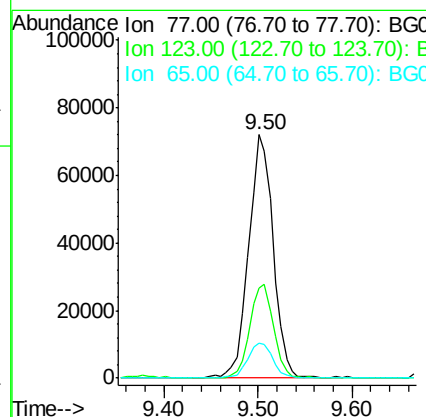
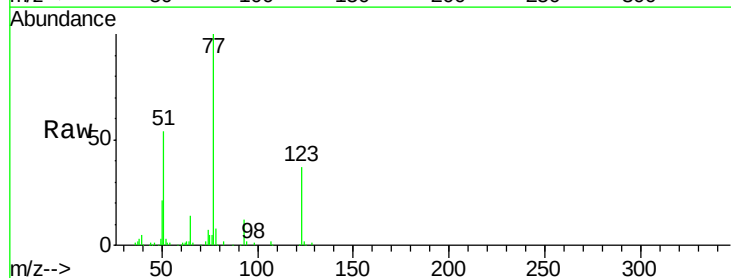
Instrument :
 BNA_G
 ClientSampled :

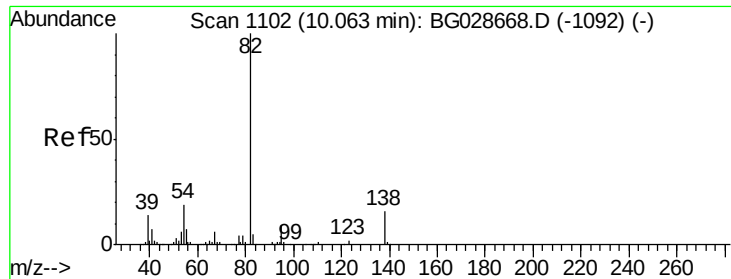
Tot Ion	82	Resp	299042
Ion	Ratio	Lower	Upper
82	100		
128	38.7	26.4	39.6
54	56.8	49.4	74.2



#24
 Nitrobenzene
 Concen: 39.92 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	77	Resp	130334
Ion	Ratio	Lower	Upper
77	100		
123	37.0	26.1	39.1
65	14.1	12.4	18.6





#25

Isophorone

Concen: 38.92 ng

RT: 10.02 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

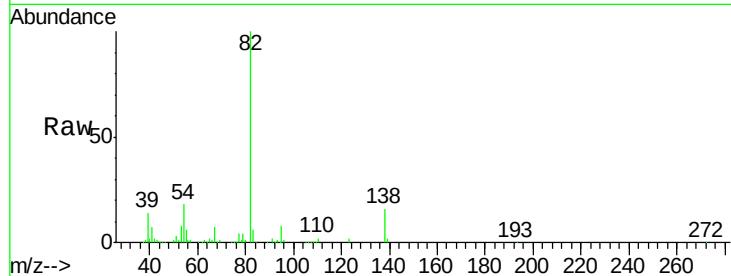
Tot Ion: 82 Resp: 232167

Ion	Ratio	Lower	Upper
82	100		
95	8.2	7.5	11.3
138	16.4	12.3	18.5

82 100

95 8.2 7.5 11.3

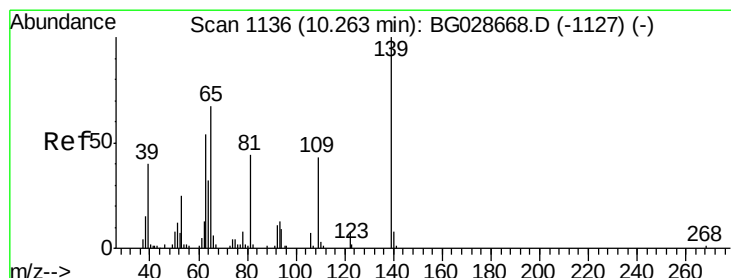
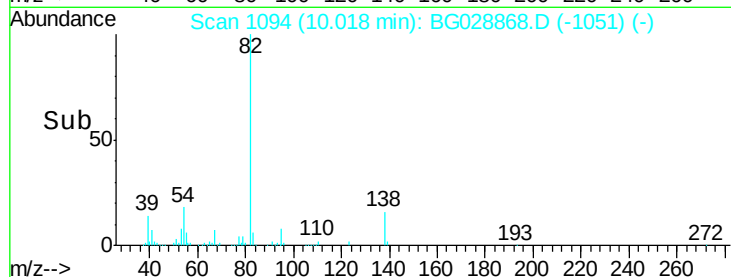
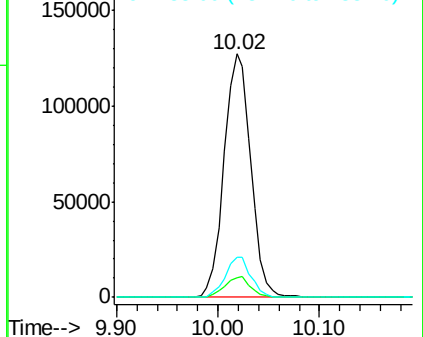
138 16.4 12.3 18.5



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: 40.37 ng

RT: 10.22 min Scan# 1128

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

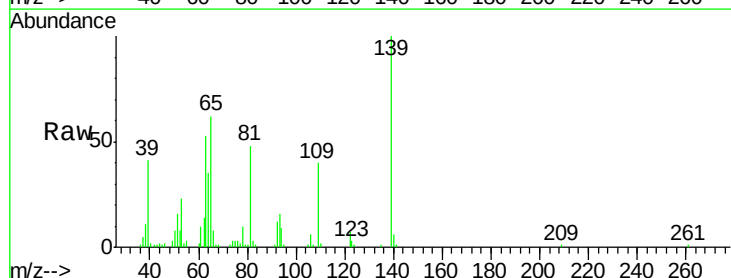
Tgt Ion: 139 Resp: 56093

Ion	Ratio	Lower	Upper
139	100		
109	40.0	38.6	58.0
65	61.6	57.1	85.7

139 100

109 40.0 38.6 58.0

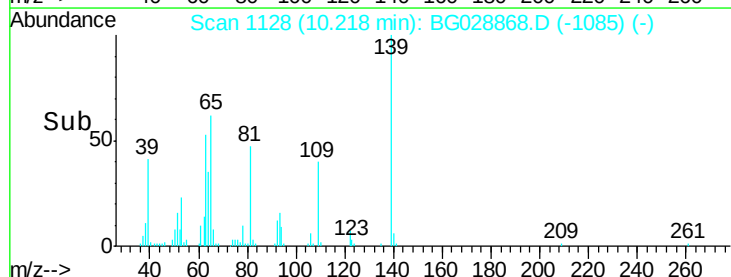
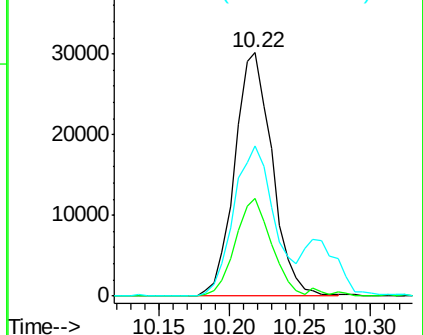
65 61.6 57.1 85.7

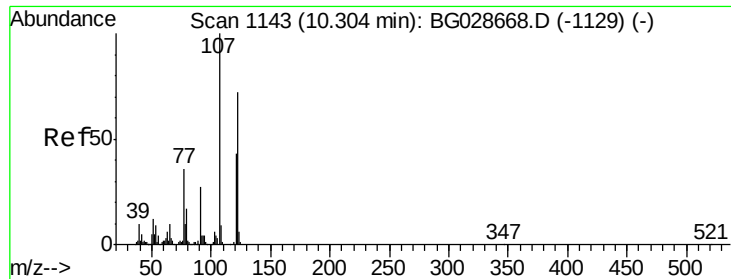


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

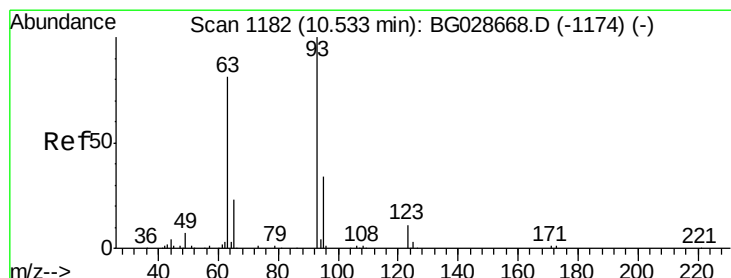
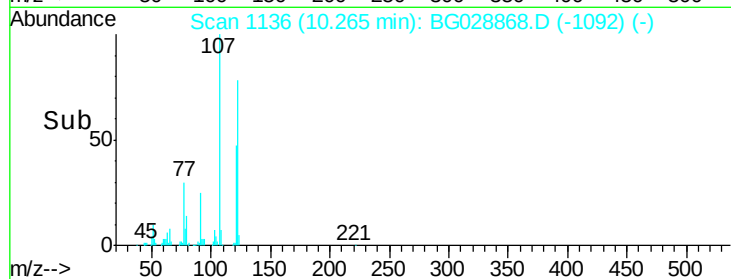
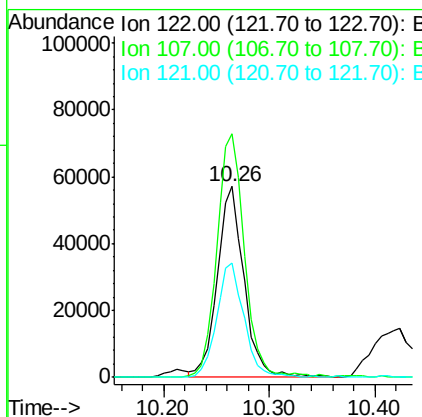
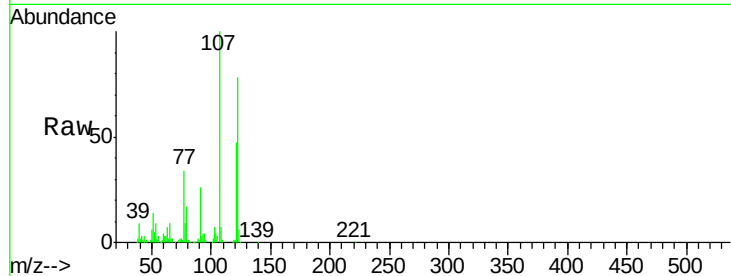




#27
 2,4-Dimethylphenol
 Concen: 39.01 ng
 RT: 10.26 min Scan# 1136
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

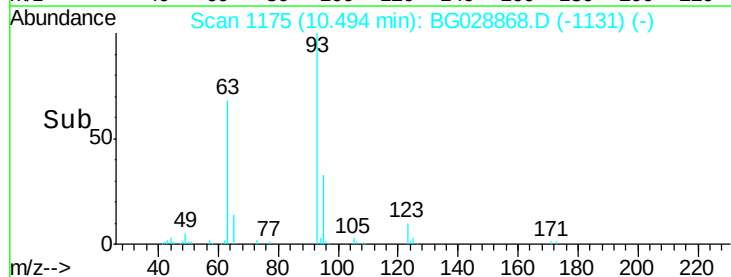
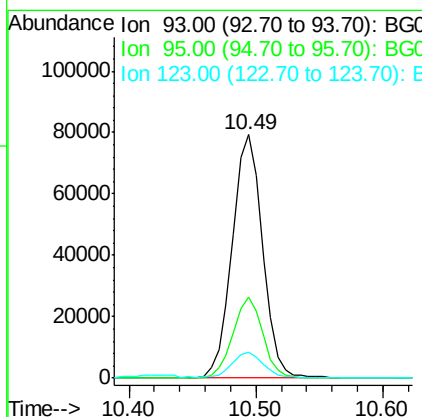
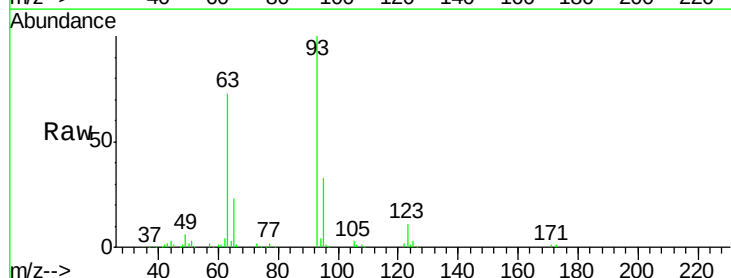
Instrument :
 BNA_G
 ClientSampled :

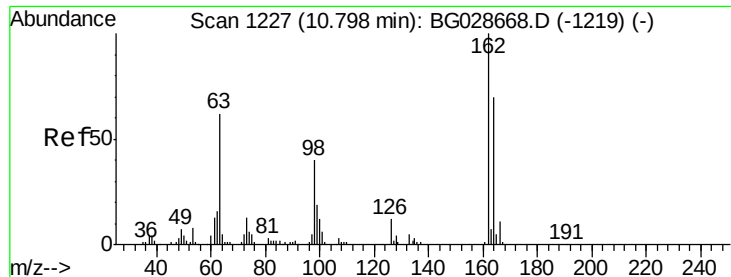
Tot Ion:122 Resp: 99074
 Ion Ratio Lower Upper
 122 100
 107 127.7 104.2 156.4
 121 59.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.43 ng
 RT: 10.49 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion: 93 Resp: 130989
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.7 38.5
 123 10.6 8.3 12.5

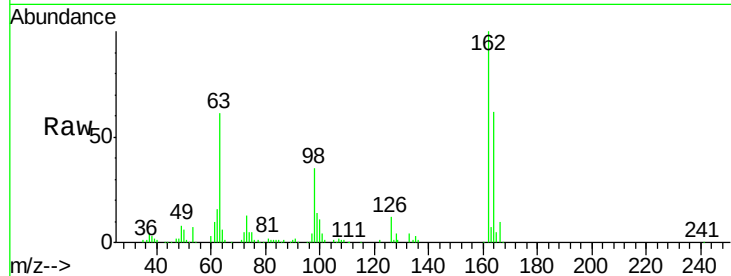




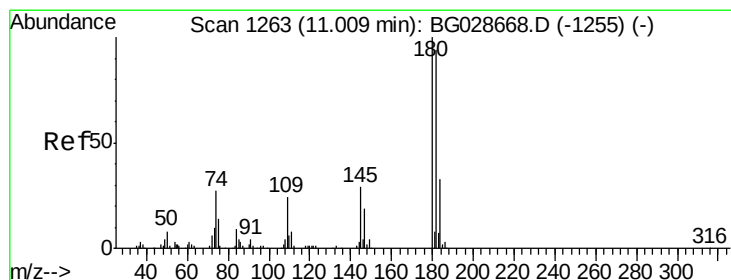
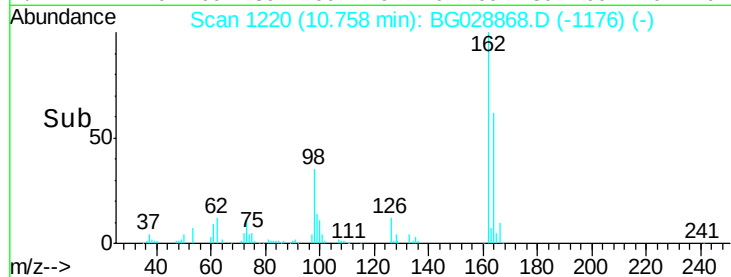
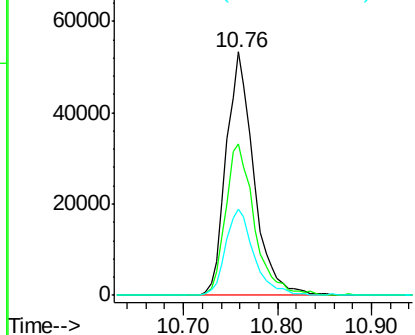
#29
2,4-Dichlorophenol
Concen: 43.12 ng
RT: 10.76 min Scan# 1220
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.4	82.4
98	35.2	20.3	60.3

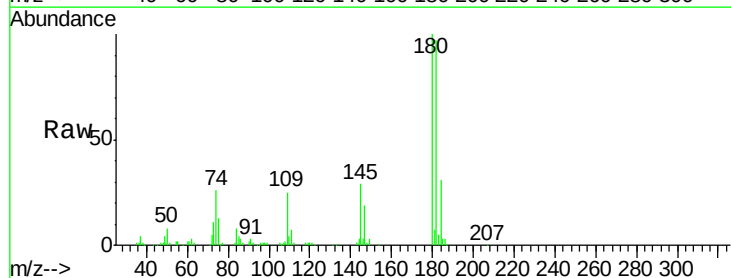


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

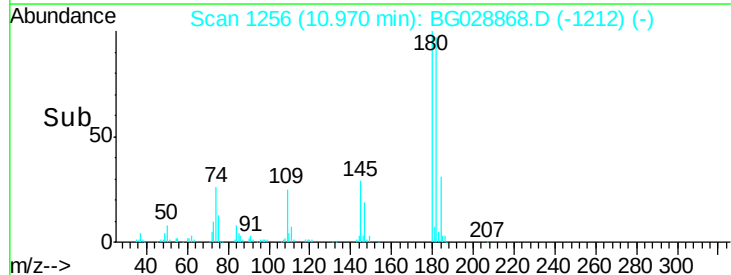
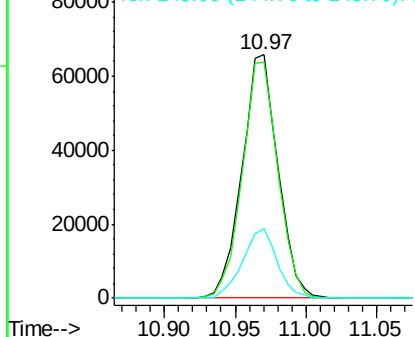


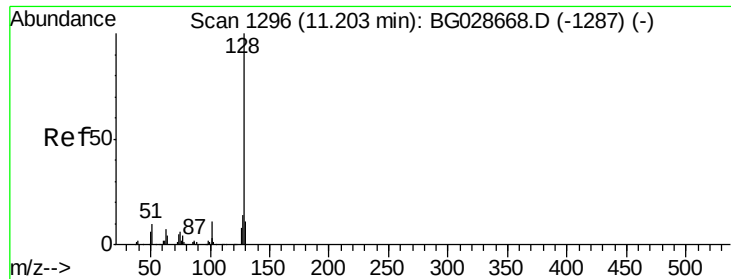
#30
1,2,4-Trichlorobenzene
Concen: 40.66 ng
RT: 10.97 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.0	115.4
145	28.7	23.4	35.0



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

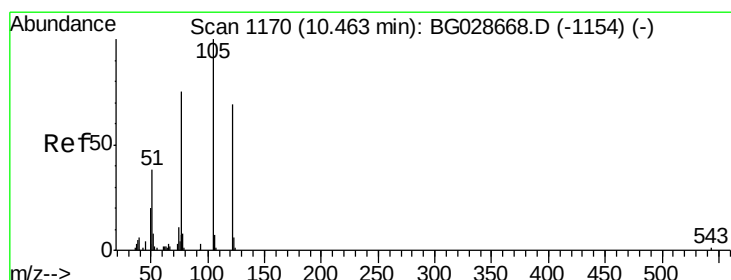
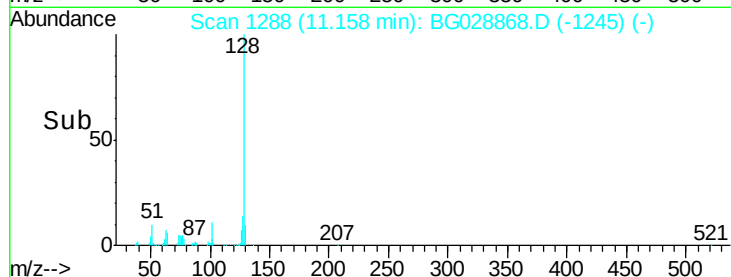
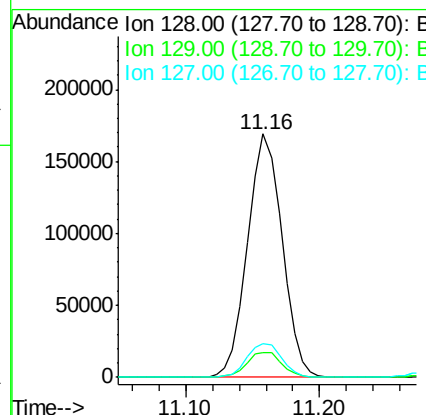
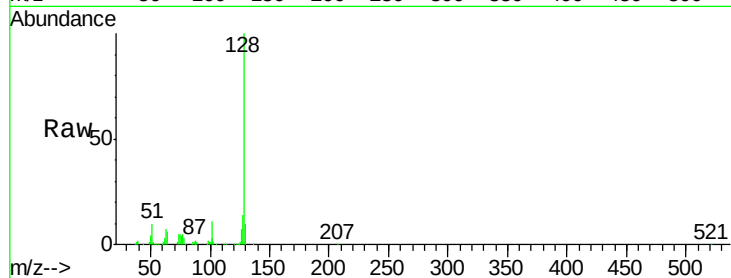




#31
Naphthalene
Concen: 41.06 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

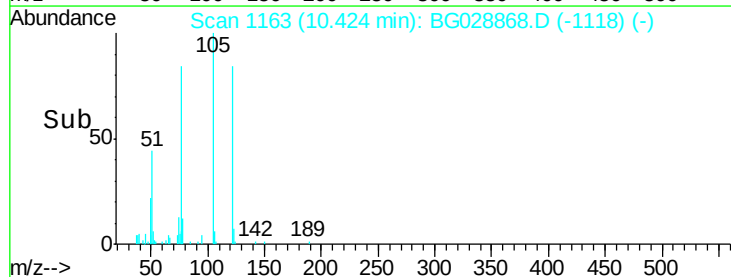
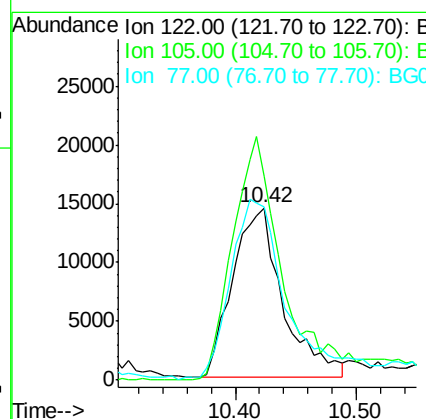
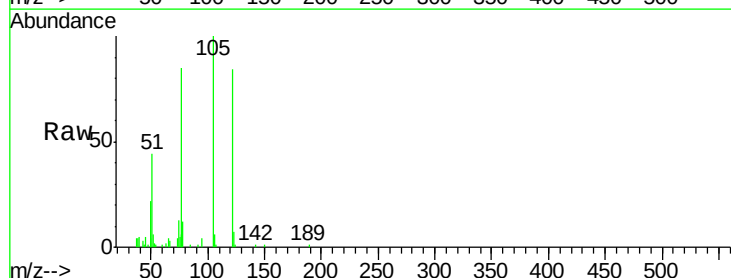
Instrument :
BNA_G
ClientSampleId :

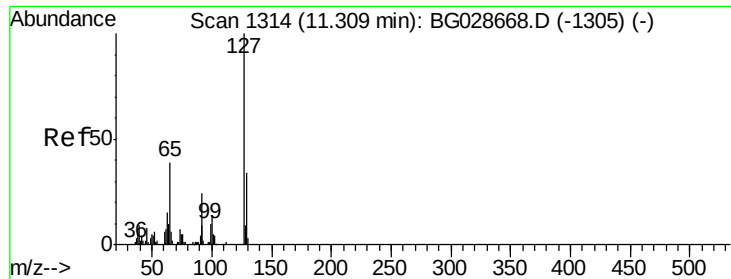
Tot Ion:128 Resp: 302474
Ion Ratio Lower Upper
128 100
129 10.2 9.3 13.9
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 26.28 ng
RT: 10.42 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:122 Resp: 41715
Ion Ratio Lower Upper
122 100
105 118.6 120.1 160.1#
77 100.6 104.6 144.6#

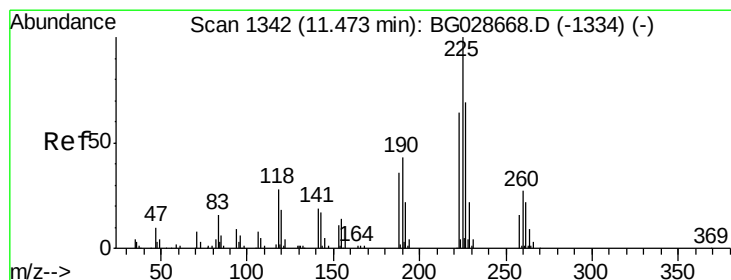
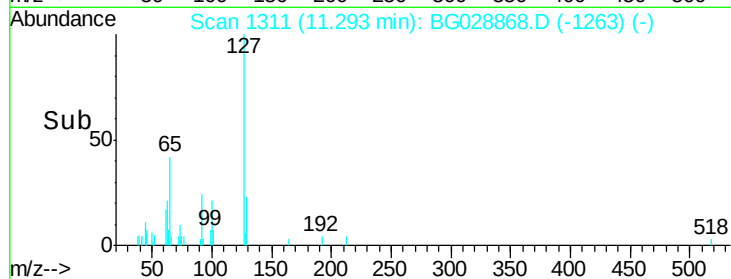
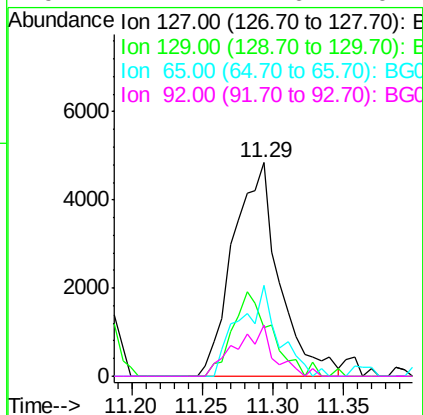
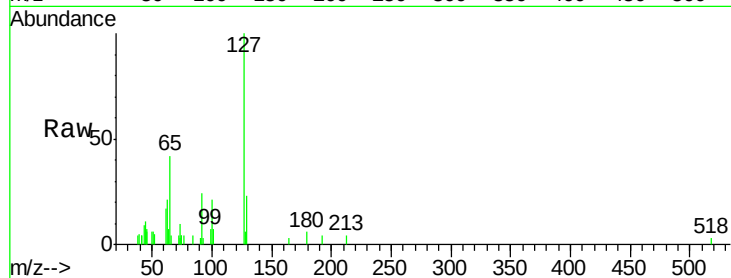




#33
4-Chloroaniline
Concen: 3.57 ng
RT: 11.29 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

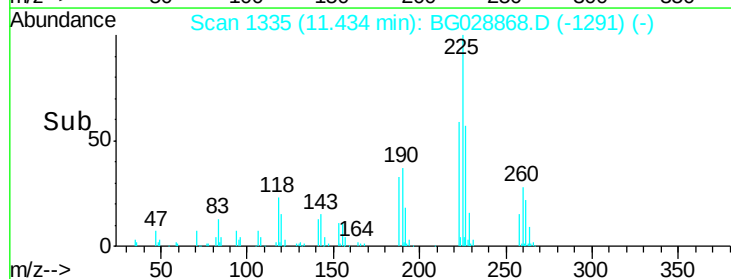
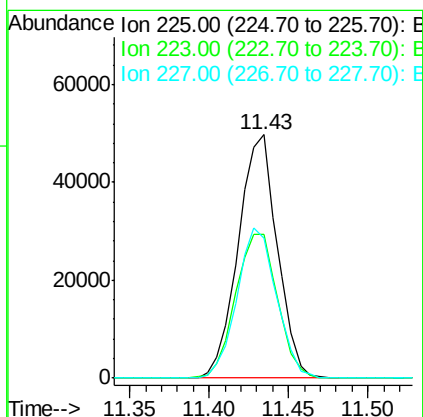
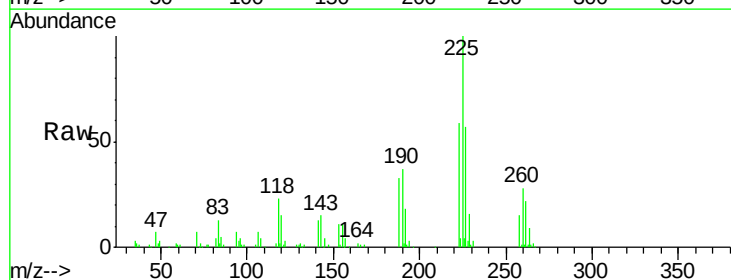
Instrument :
BNA_G
ClientSampleId :

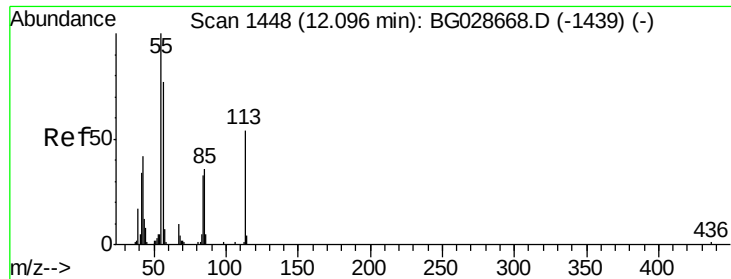
Tot Ion:	127	Resp:	11023
Ion	Ratio	Lower	Upper
127	100		
129	22.5	23.6	35.4#
65	42.3	37.7	56.5
92	24.1	17.6	26.4



#34
Hexachlorobutadiene
Concen: 40.01 ng
RT: 11.43 min Scan# 1335
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:	225	Resp:	84958
Ion	Ratio	Lower	Upper
225	100		
223	58.8	50.7	76.1
227	57.3	49.0	73.6

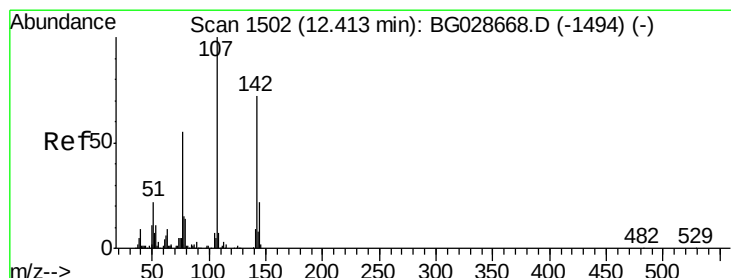
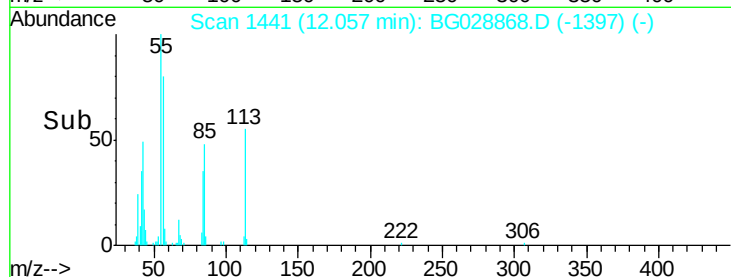
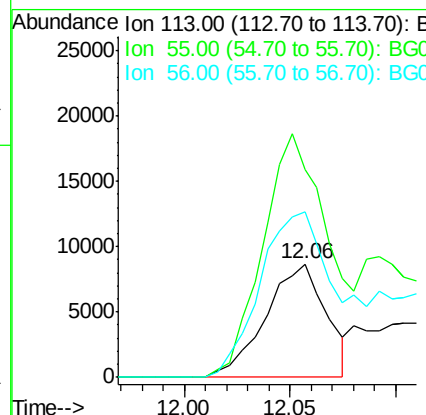
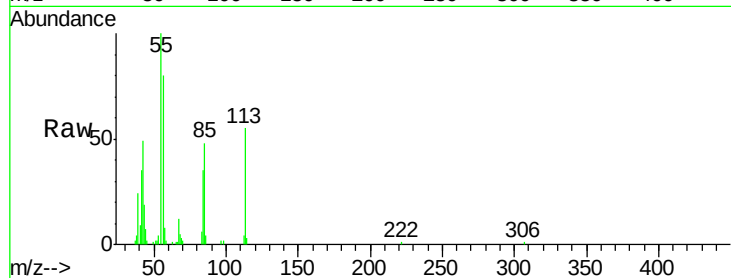




#35
 Caprolactam
 Concen: 19.06 ng
 RT: 12.06 min Scan# 1441
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

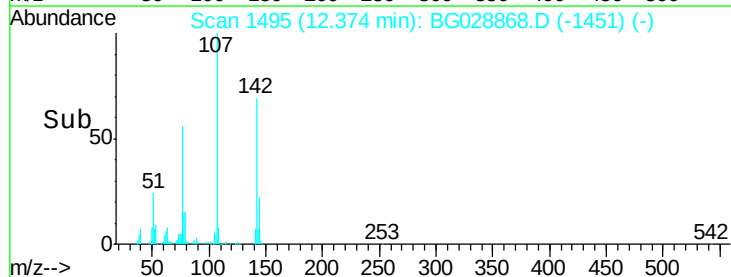
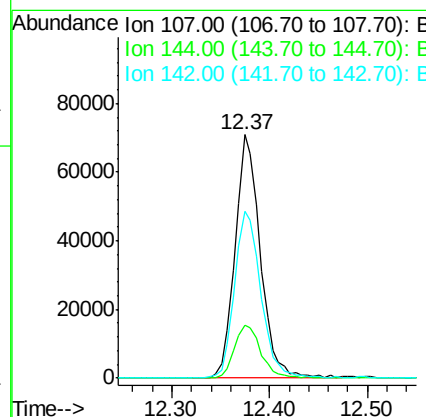
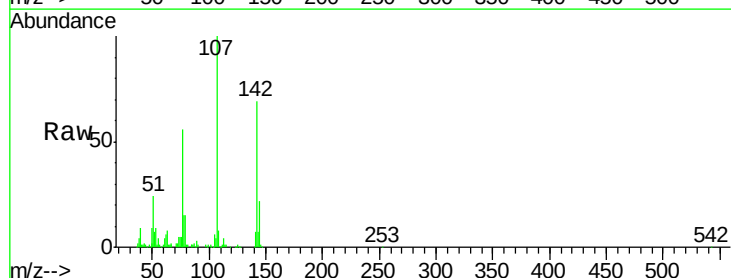
Instrument :
 BNA_G
 ClientSampleId :

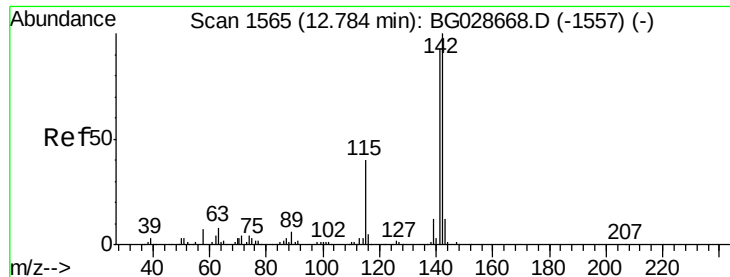
Tot Ion:113 Resp: 17274
 Ion Ratio Lower Upper
 113 100
 55 182.7 198.6 238.6#
 56 145.9 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.78 ng
 RT: 12.37 min Scan# 1495
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion:107 Resp: 127531
 Ion Ratio Lower Upper
 107 100
 144 22.0 17.4 26.0
 142 68.5 54.1 81.1

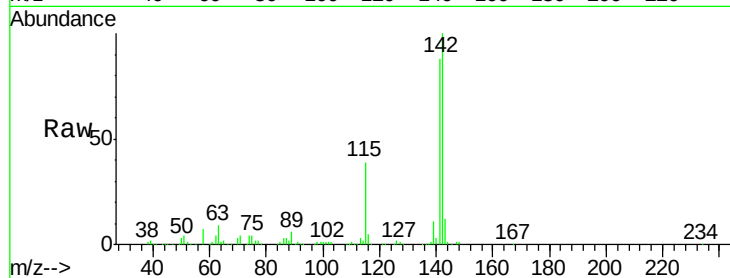




#37
2-Methylnaphthalene
Concen: 42.89 ng
RT: 12.74 min Scan# 1558
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	39.3	35.5	53.3

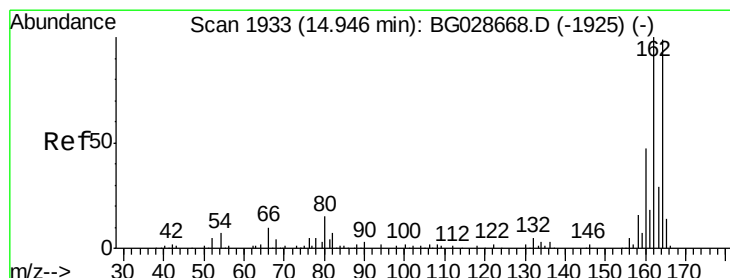
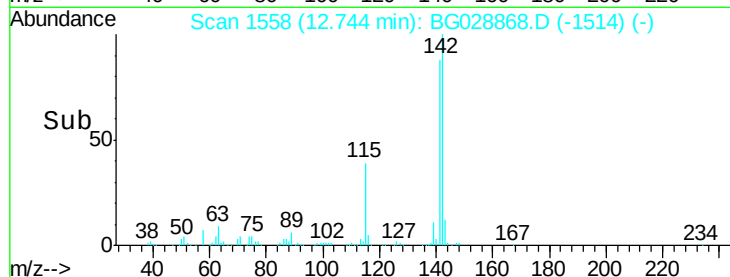
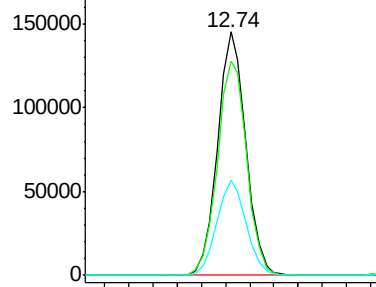


Abundance

Ion 142.00 (141.70 to 142.70): E

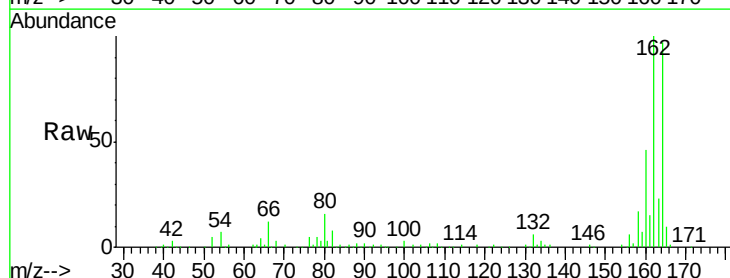
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	47.6	34.7	52.1

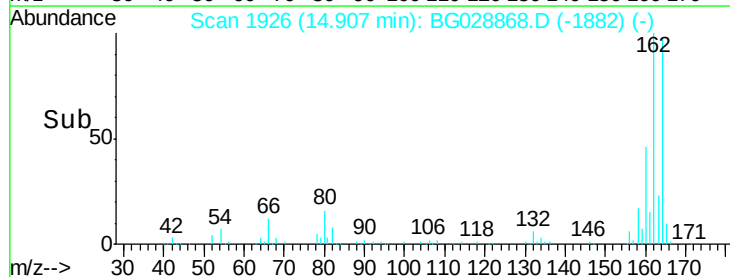
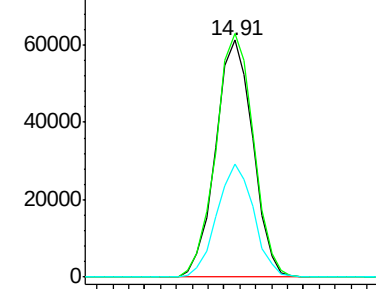


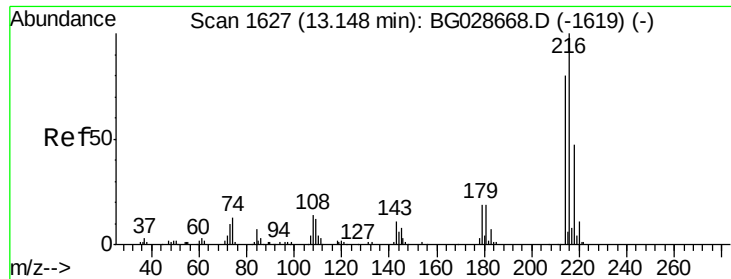
Abundance

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: 36.52 ng

RT: 13.11 min Scan# 1620

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 150162

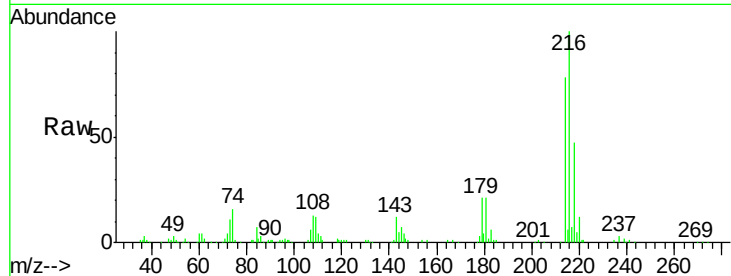
Ion Ratio Lower Upper

216 100

214 80.3 64.4 96.6

179 19.9 17.4 26.0

108 16.3 15.6 23.4

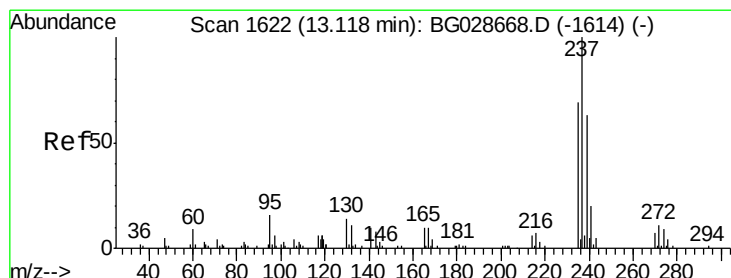
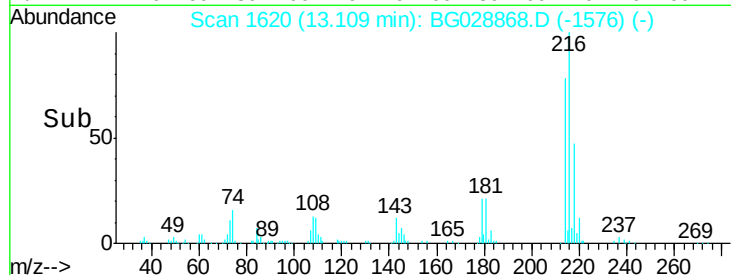
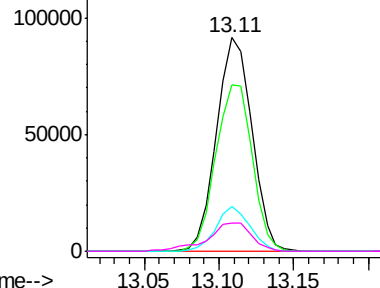


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.49 ng

RT: 13.08 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

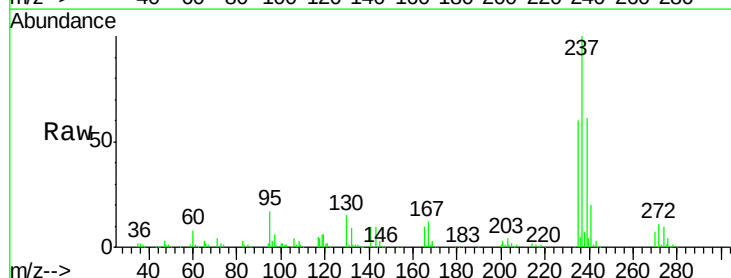
Tgt Ion:237 Resp: 141002

Ion Ratio Lower Upper

237 100

235 59.6 39.4 79.4

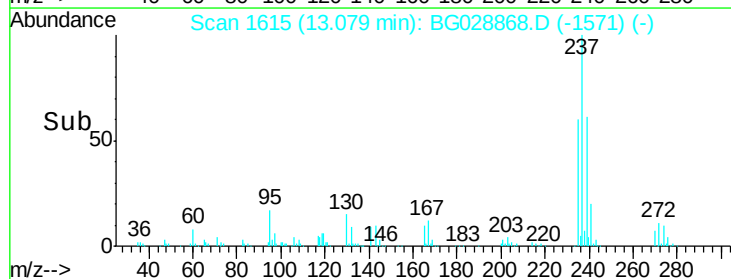
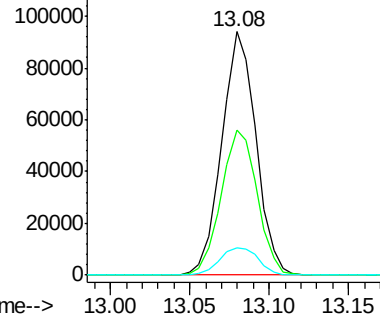
272 11.3 0.0 32.0

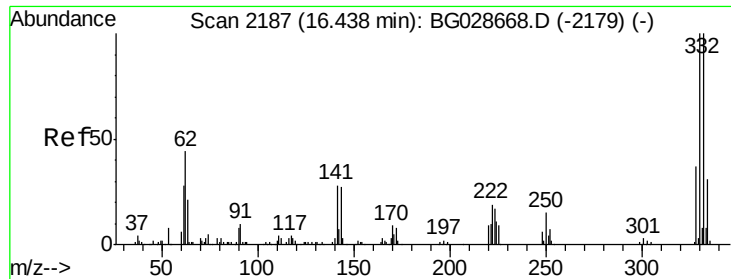


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 166.40 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampled :

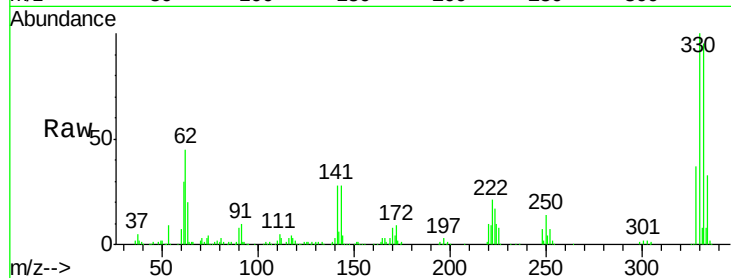
Tot Ion:330 Resp: 275209

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

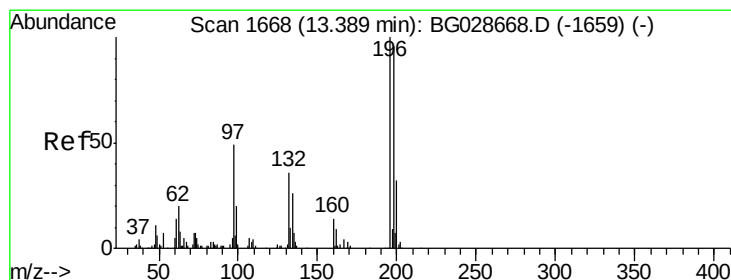
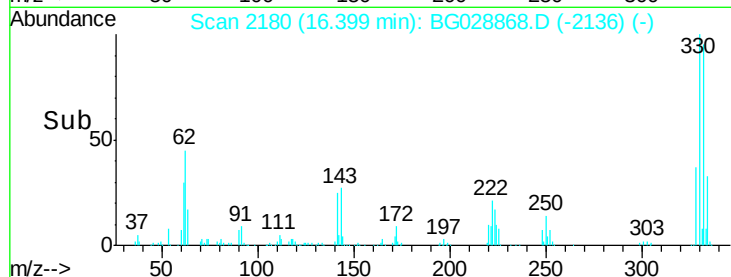
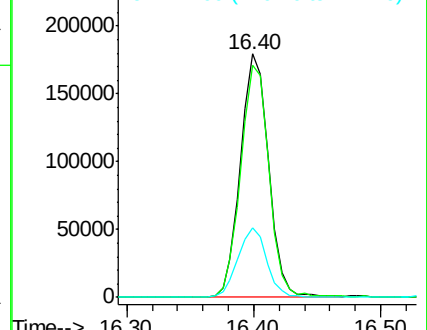
141 29.4 32.1 48.1#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.29 ng

RT: 13.35 min Scan# 1661

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

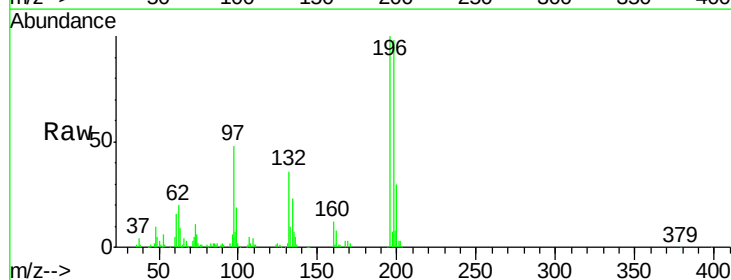
Tgt Ion:196 Resp: 105139

Ion Ratio Lower Upper

196 100

198 97.6 81.4 122.2

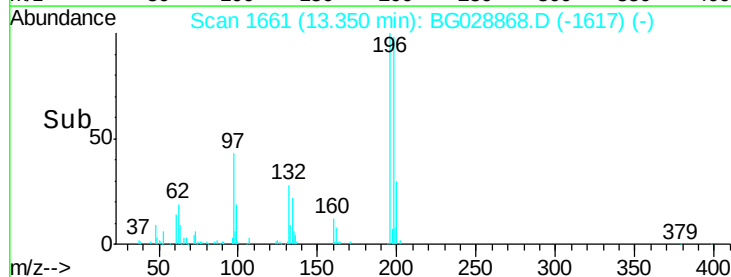
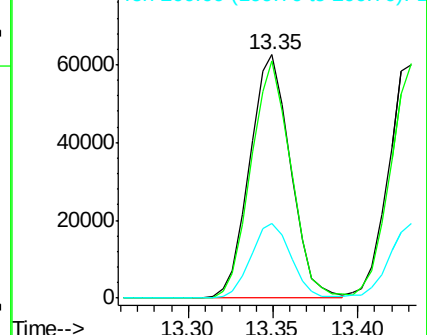
200 30.4 27.0 40.6

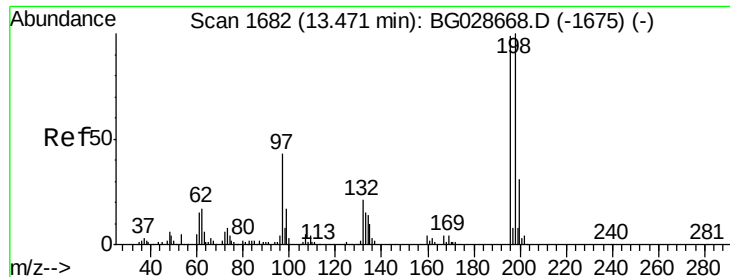


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

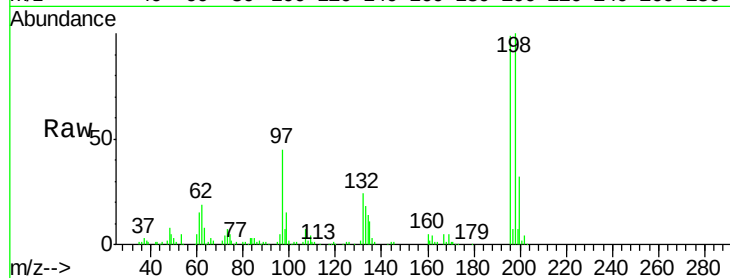




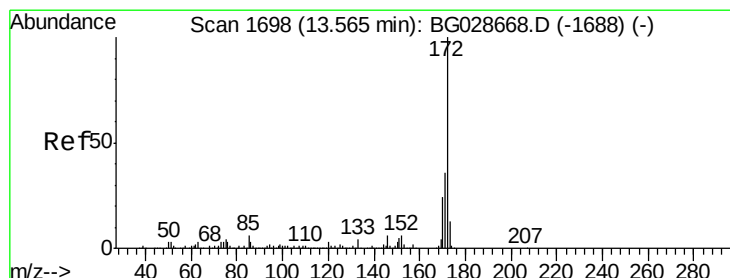
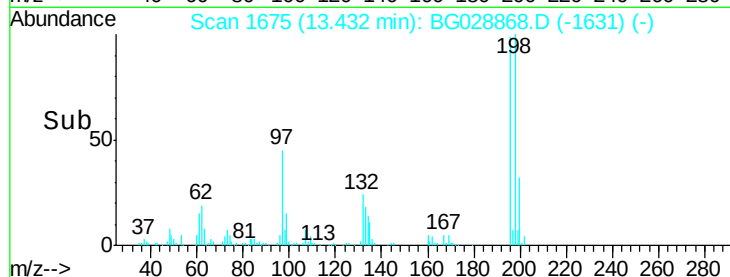
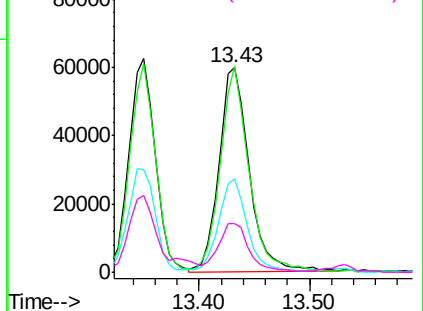
#43
2,4,5-Trichlorophenol
Concen: 43.24 ng
RT: 13.43 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	196	Resp:	113390
Ion	Ratio	Lower	Upper
196	100		
198	101.0	79.9	119.9
97	45.4	45.4	68.0
132	23.8	20.7	31.1

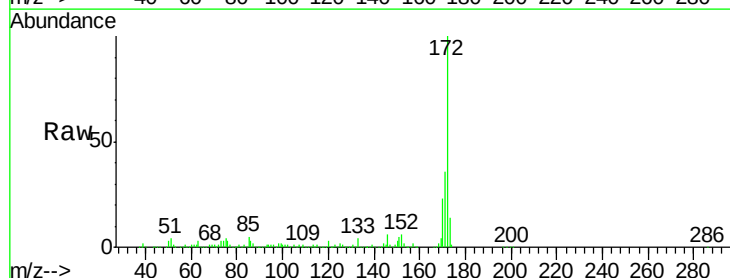


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

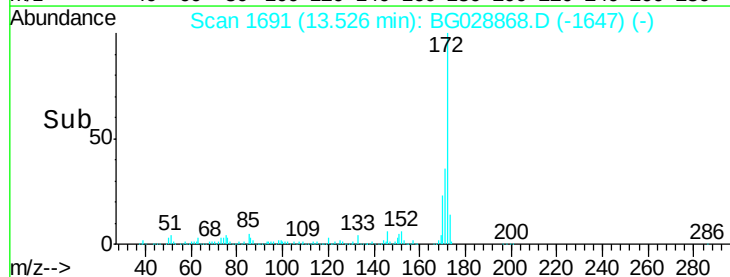
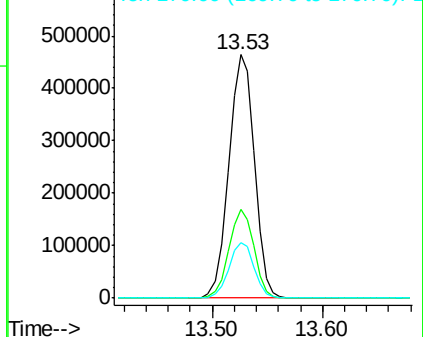


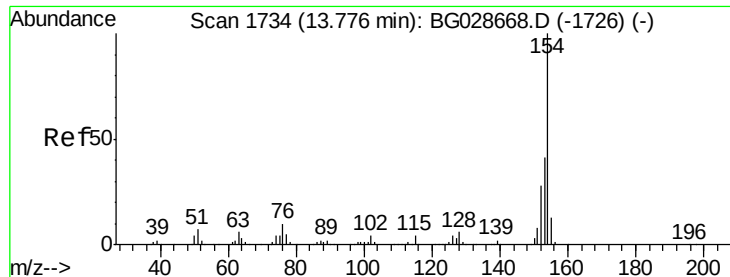
#44
2-Fluorobiphenyl
Concen: 100.14 ng
RT: 13.53 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:	172	Resp:	750993
Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	23.0	21.8	32.6



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

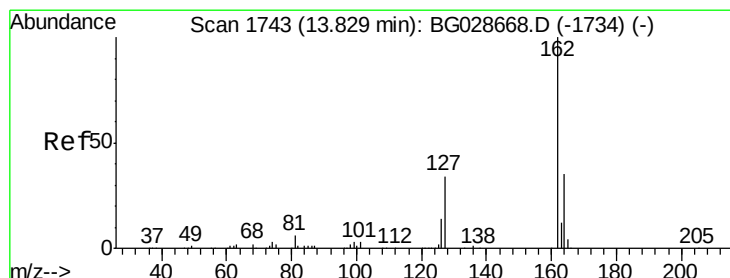
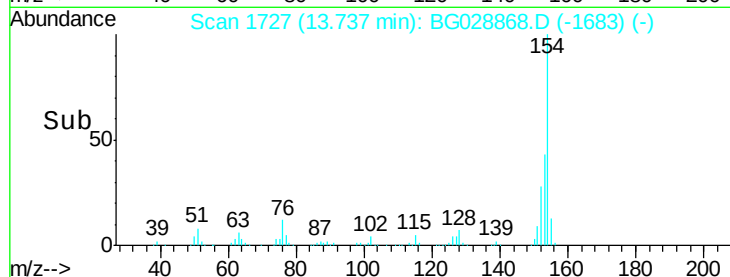
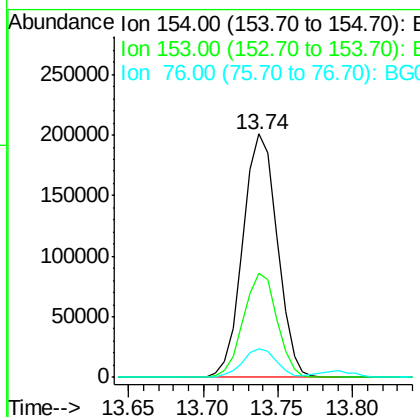
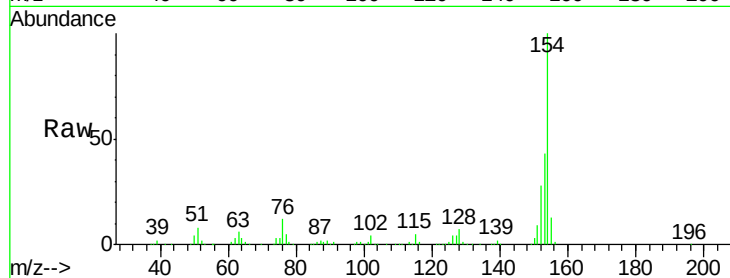




#45
 1,1'-Biphenyl
 Concen: 38.76 ng
 RT: 13.74 min Scan# 1727
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

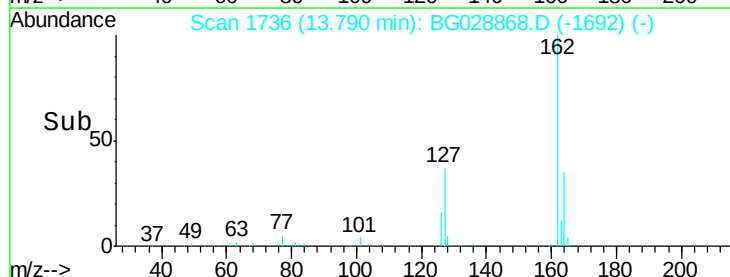
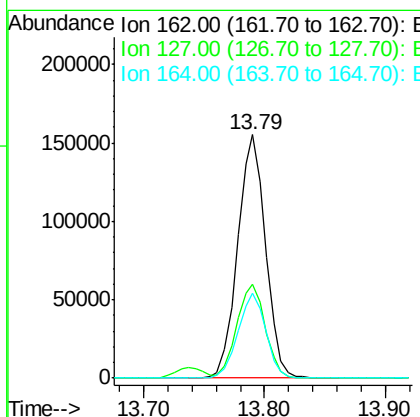
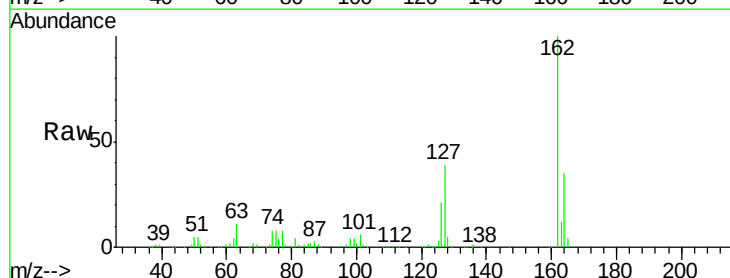
Instrument :
 BNA_G
 ClientSampleId :

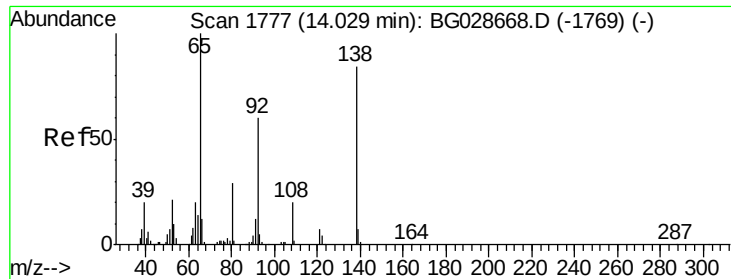
Tot Ion:154 Resp: 320893
 Ion Ratio Lower Upper
 154 100
 153 42.6 23.0 63.0
 76 11.7 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 41.18 ng
 RT: 13.79 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion:162 Resp: 248685
 Ion Ratio Lower Upper
 162 100
 127 38.6 32.2 48.4
 164 34.8 27.3 40.9





#47

2-Nitroaniline

Concen: 43.28 ng

RT: 14.00 min Scan# 1771

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

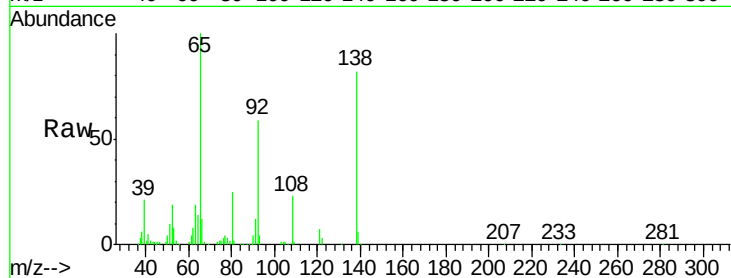
Tot Ion: 65 Resp: 97136

Ion Ratio Lower Upper

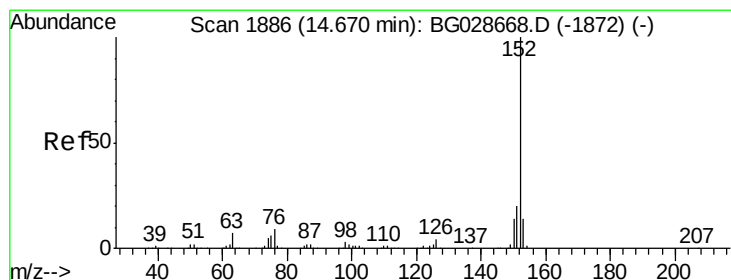
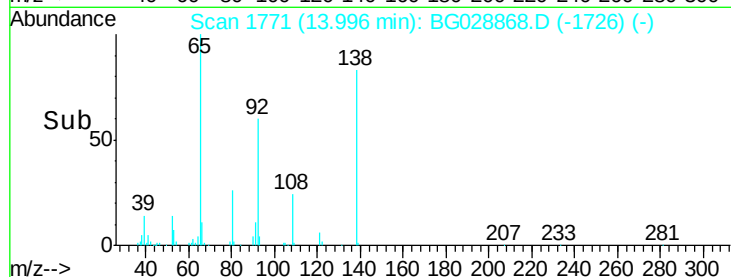
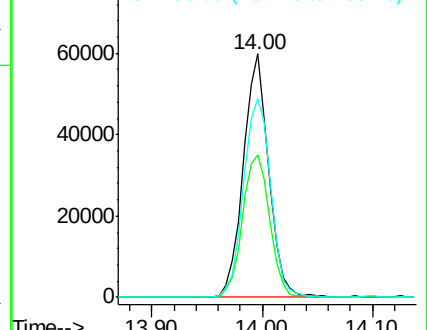
65 100

92 58.5 49.0 73.4

138 81.5 58.6 87.8



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: 41.30 ng

RT: 14.63 min Scan# 1879

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

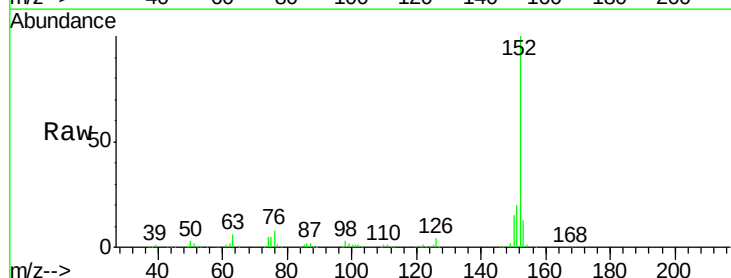
Tgt Ion: 152 Resp: 398412

Ion Ratio Lower Upper

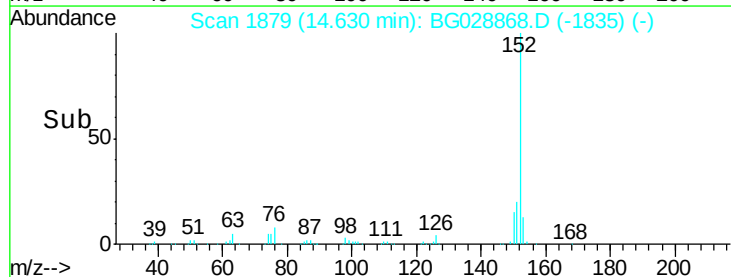
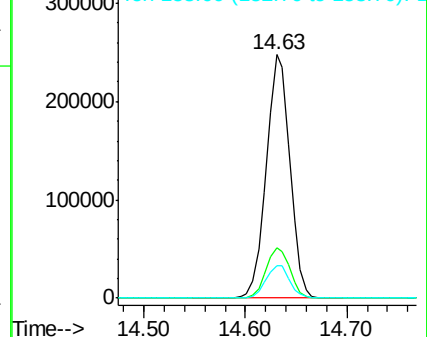
152 100

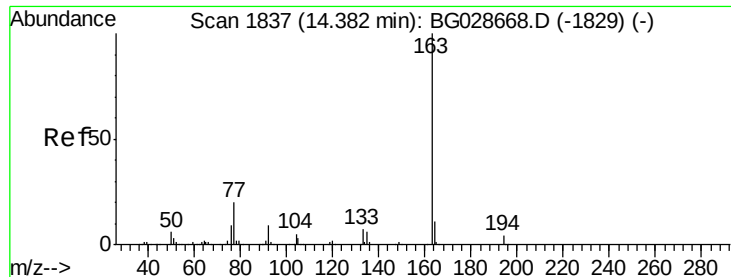
151 20.4 18.2 27.2

153 13.5 11.3 16.9



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

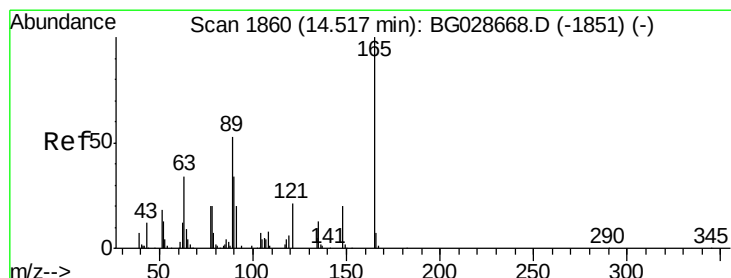
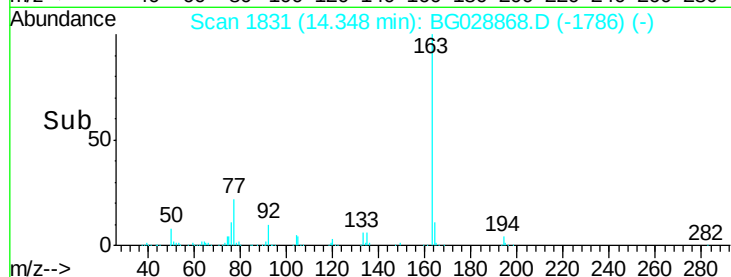
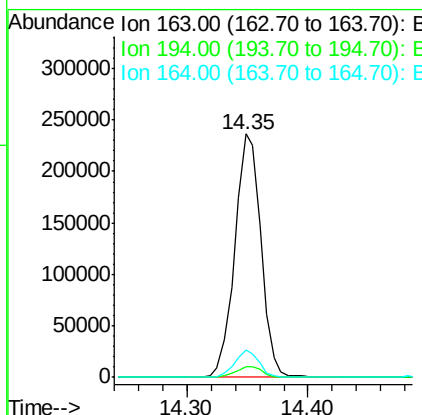
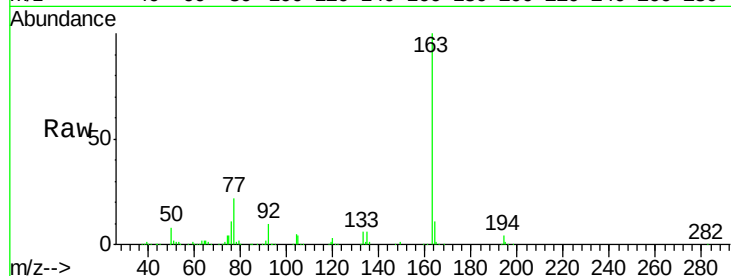




#49
Dimethylphthalate
Concen: 42.42 ng
RT: 14.35 min Scan# 1831
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

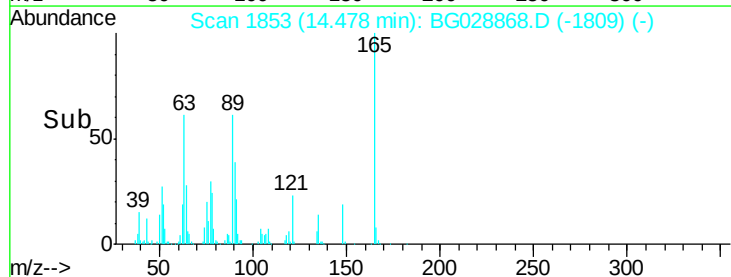
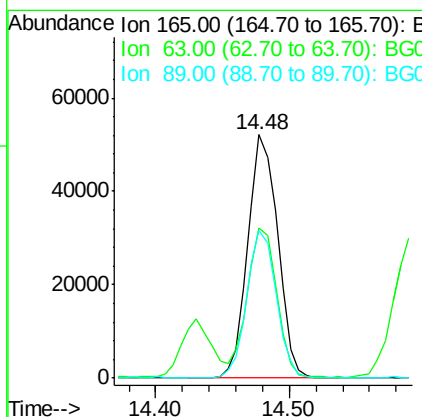
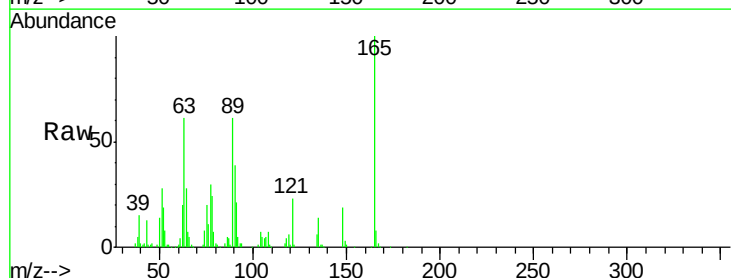
Instrument :
BNA_G
ClientSampleId :

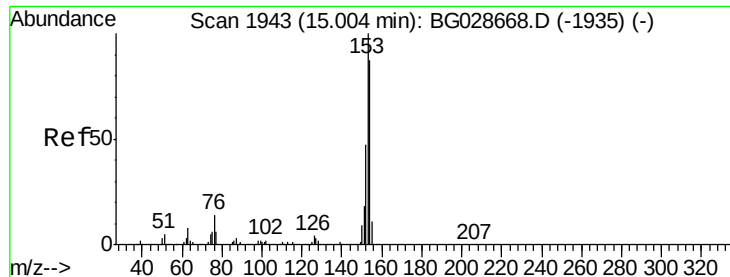
Tot Ion:163 Resp: 355708
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 11.4 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 43.17 ng
RT: 14.48 min Scan# 1853
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:165 Resp: 80549
Ion Ratio Lower Upper
165 100
63 61.5 63.9 95.9#
89 60.8 58.6 88.0





#51

Acenaphthene

Concen: 41.55 ng

RT: 14.97 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampled :

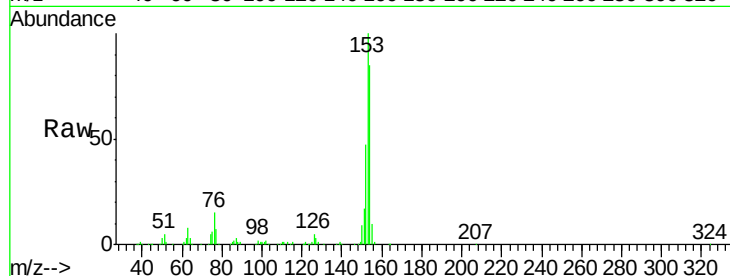
Tot Ion:154 Resp: 243515

Ion Ratio Lower Upper

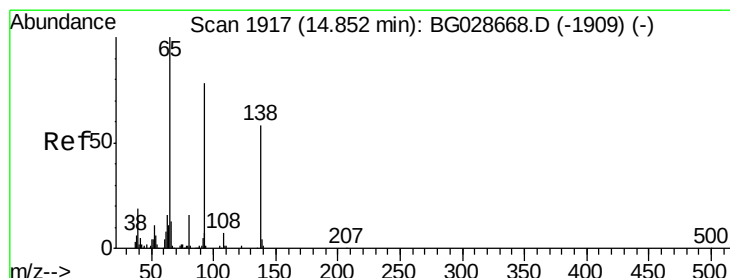
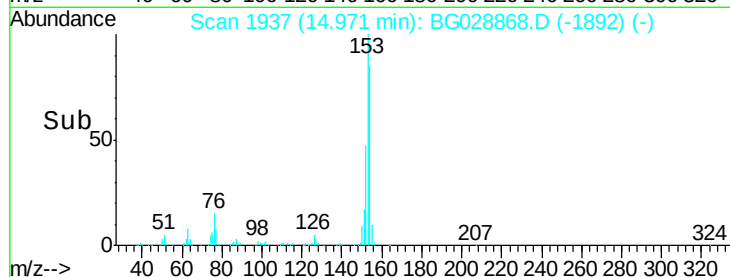
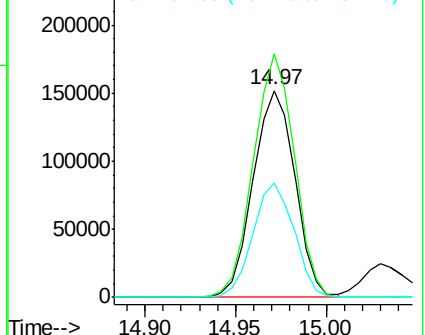
154 100

153 117.9 87.8 131.6

152 55.7 42.2 63.4



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: 14.24 ng

RT: 14.82 min Scan# 1911

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

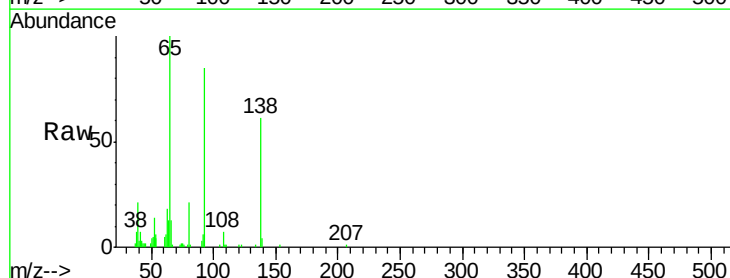
Tgt Ion:138 Resp: 23494

Ion Ratio Lower Upper

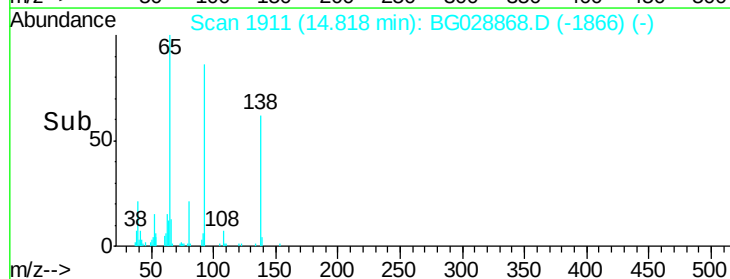
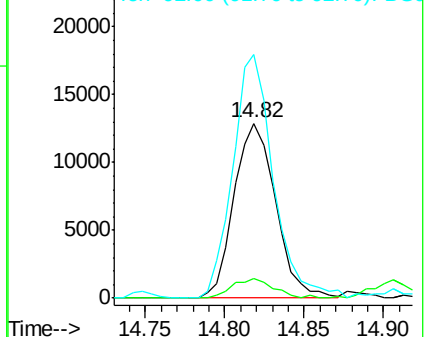
138 100

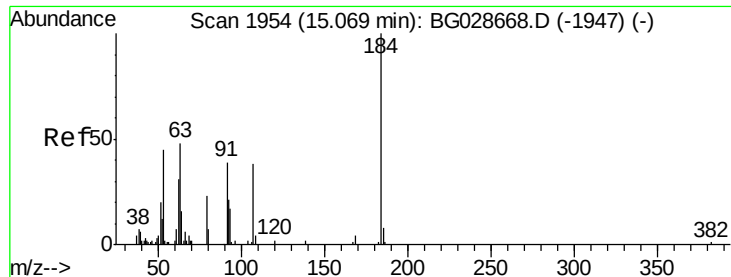
108 11.4 10.9 16.3

92 139.2 115.3 172.9



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): BGO

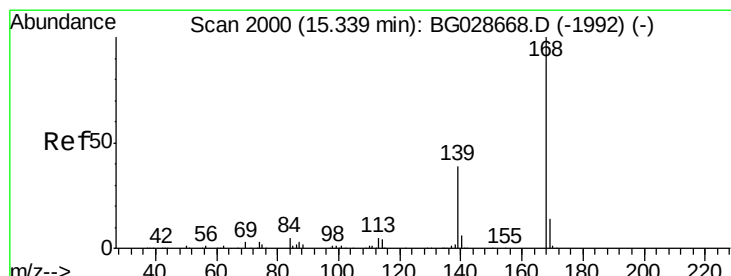
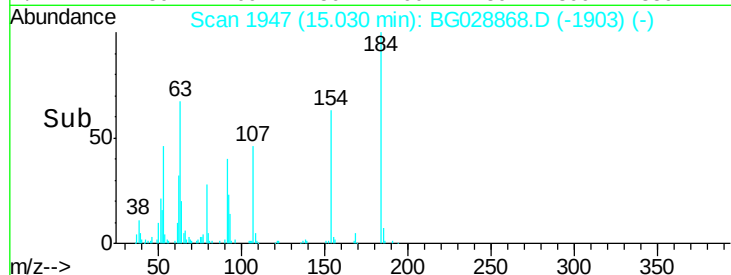
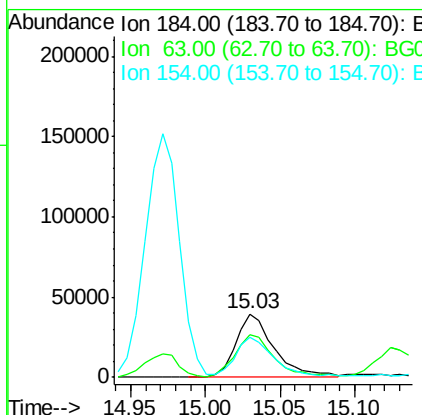
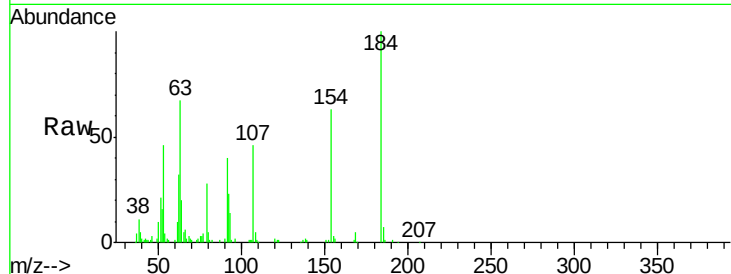




#53
2,4-Dinitrophenol
Concen: 72.06 ng
RT: 15.03 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

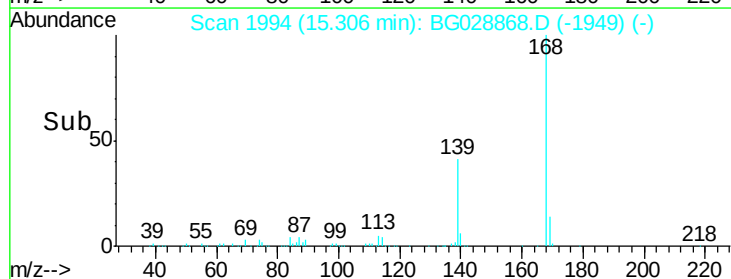
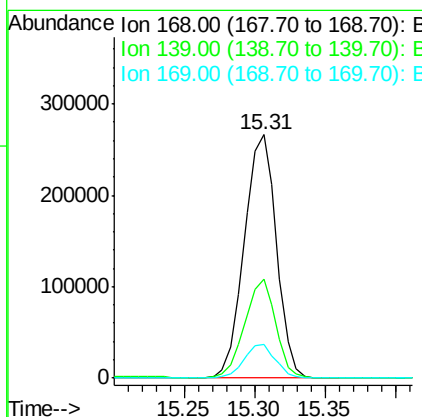
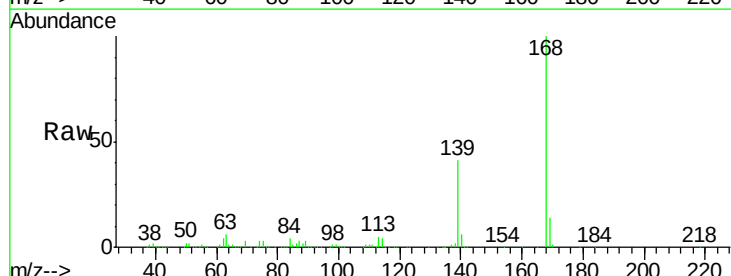
Instrument :
BNA_G
ClientSampleId :

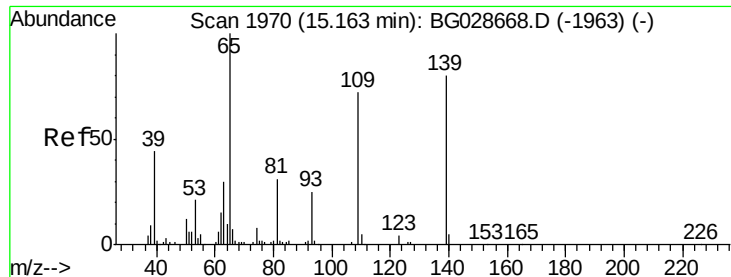
Tot Ion:184 Resp: 69974
Ion Ratio Lower Upper
184 100
63 66.7 52.7 79.1
154 63.0 57.3 85.9



#54
Dibenzofuran
Concen: 45.49 ng
RT: 15.31 min Scan# 1994
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:168 Resp: 425169
Ion Ratio Lower Upper
168 100
139 40.5 35.3 52.9
169 13.9 11.5 17.3

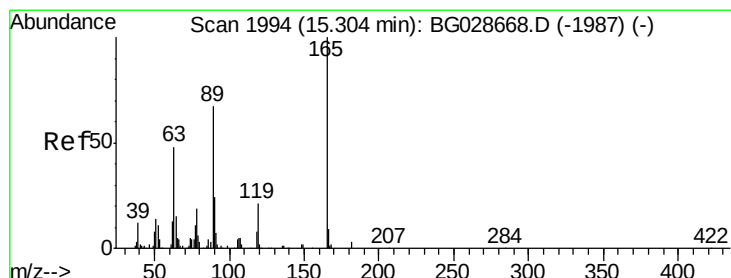
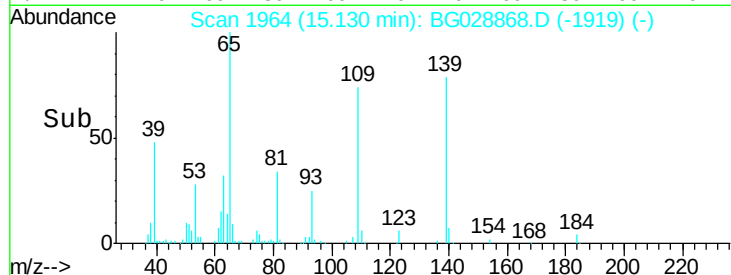
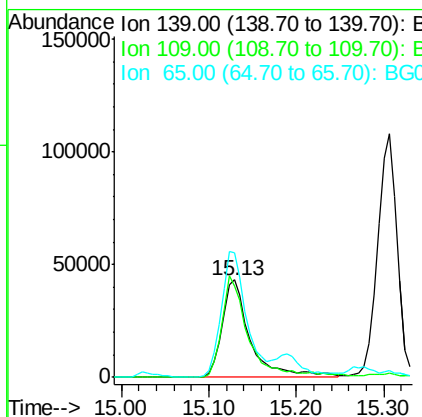
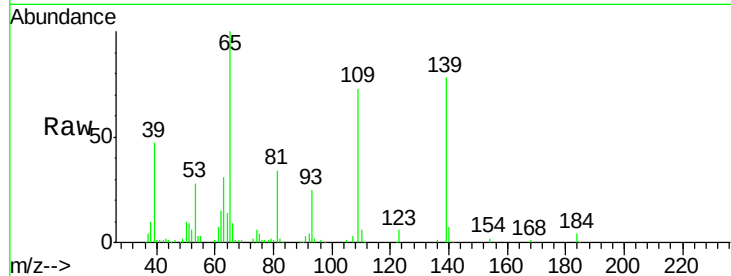




#55
4-Nitrophenol
Concen: 78.65 ng
RT: 15.13 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

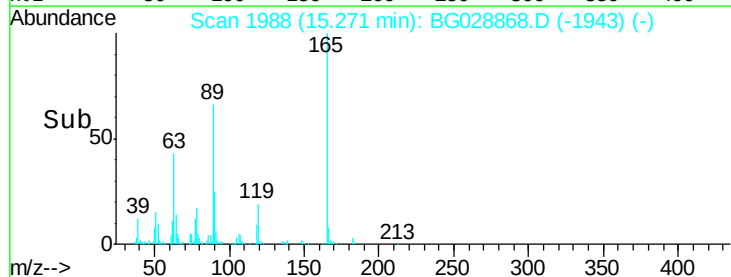
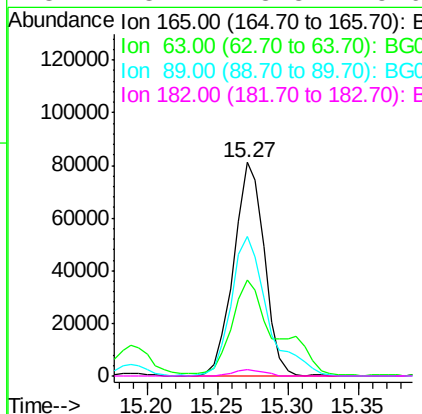
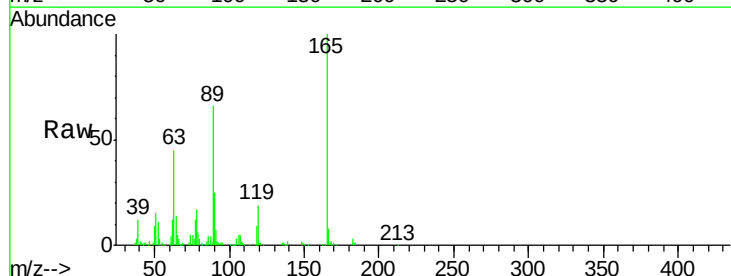
Instrument :
BNA_G
ClientSampleId :

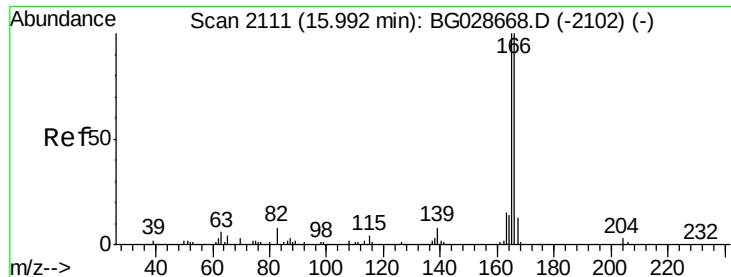
Tot Ion:139 Resp: 95074
Ion Ratio Lower Upper
139 100
109 93.5 101.2 141.2#
65 127.7 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 46.86 ng
RT: 15.27 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:165 Resp: 122941
Ion Ratio Lower Upper
165 100
63 45.1 44.0 66.0
89 65.5 67.3 100.9#
182 3.2 3.8 5.6#

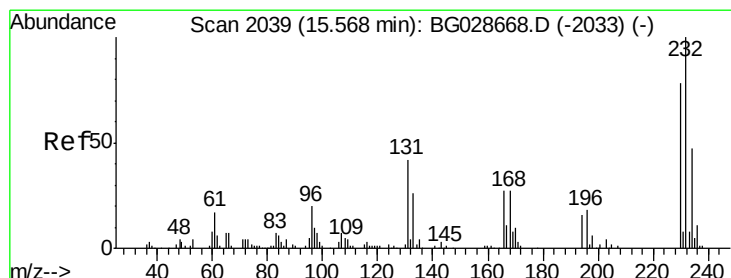
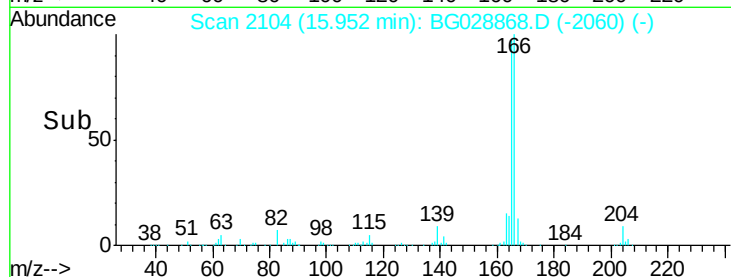
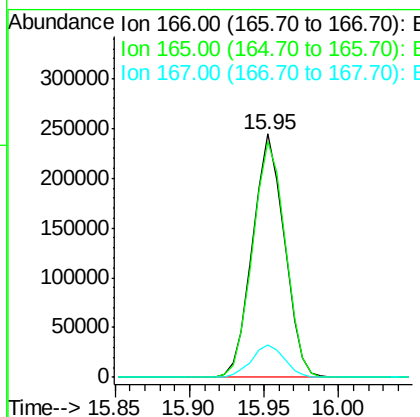
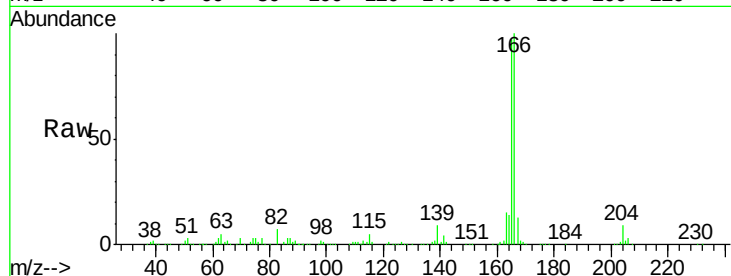




#57
 Fluorene
 Concen: 43.09 ng
 RT: 15.95 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

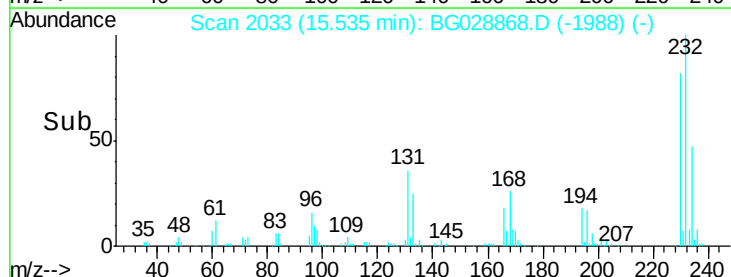
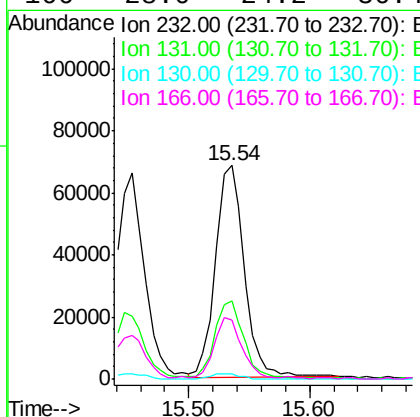
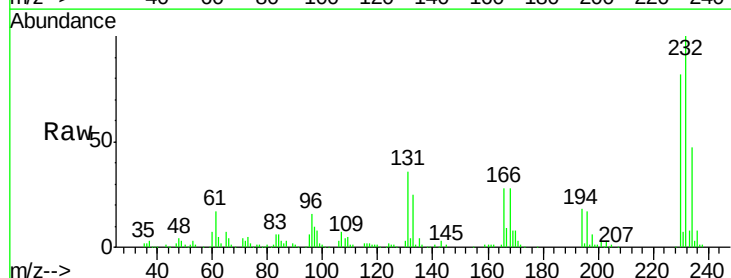
Instrument :
 BNA_G
 ClientSampleId :

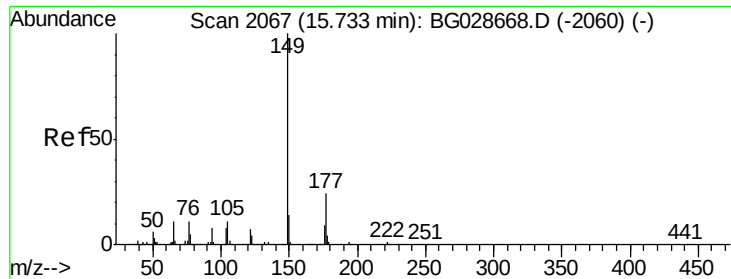
Tot Ion:166 Resp: 359572
 Ion Ratio Lower Upper
 166 100
 165 96.7 78.6 117.8
 167 13.4 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.08 ng
 RT: 15.54 min Scan# 2033
 Delta R.T. -0.03 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion:232 Resp: 113418
 Ion Ratio Lower Upper
 232 100
 131 35.1 34.9 52.3
 130 2.6 2.3 3.5
 166 28.0 24.2 36.4

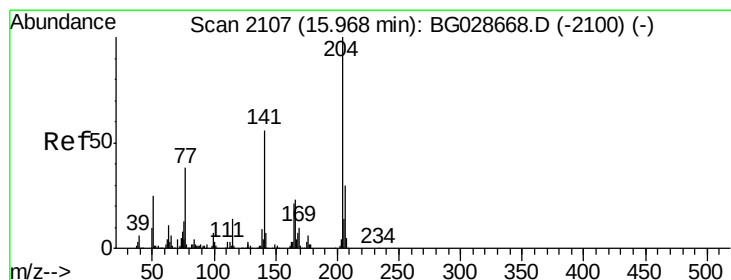
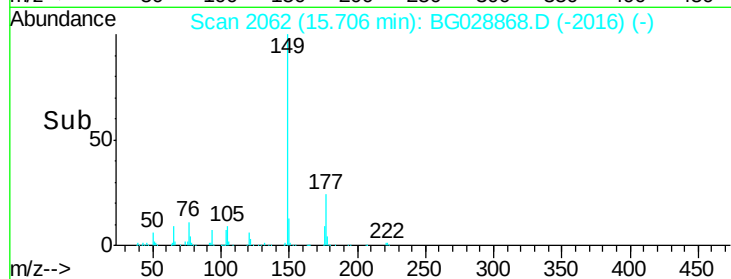
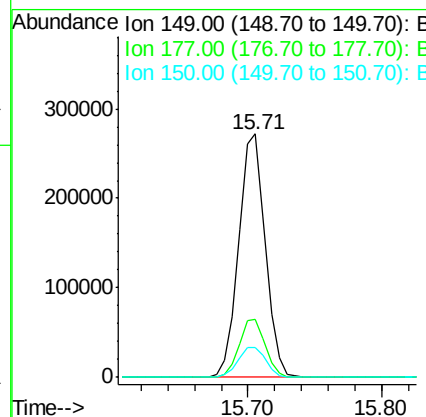
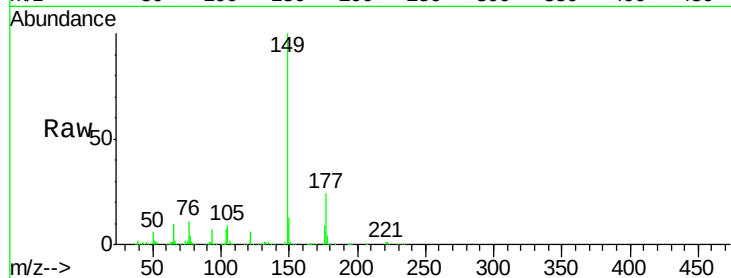




#59
Diethylphthalate
Concen: 43.64 ng
RT: 15.71 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

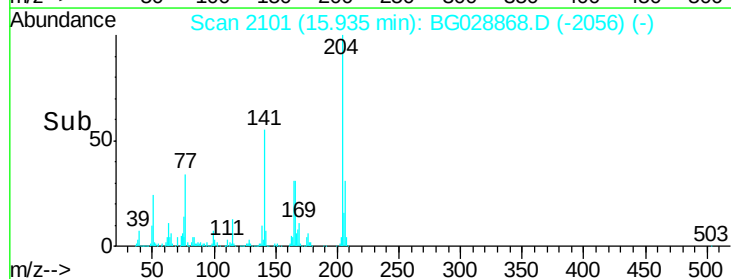
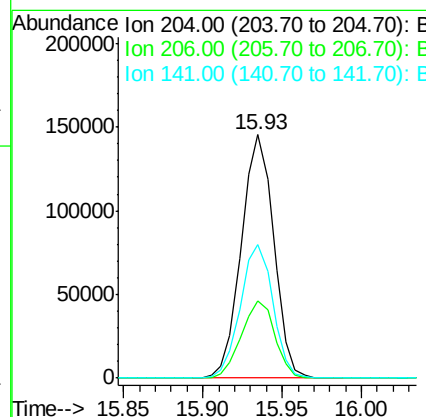
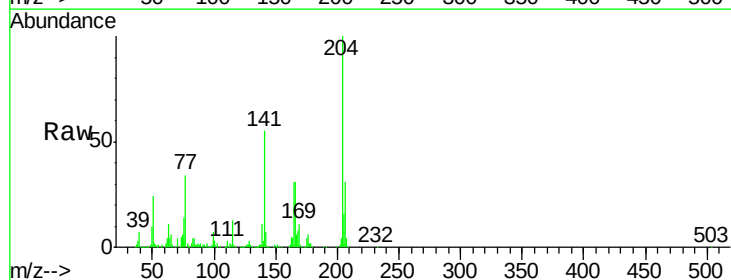
Instrument :
BNA_G
ClientSampleId :

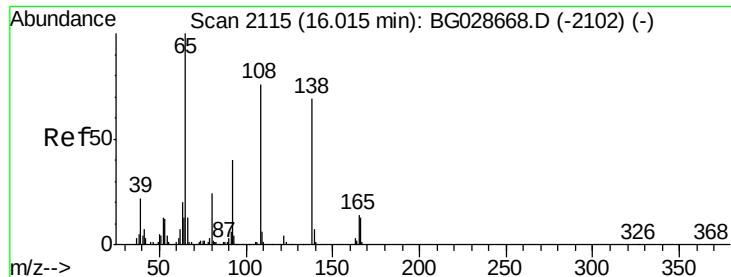
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	20.1	30.1
150	12.5	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.45 ng
RT: 15.93 min Scan# 2101
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	30.1	45.1
141	55.1	50.6	76.0

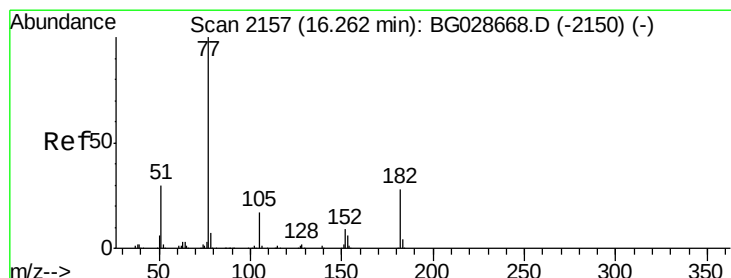
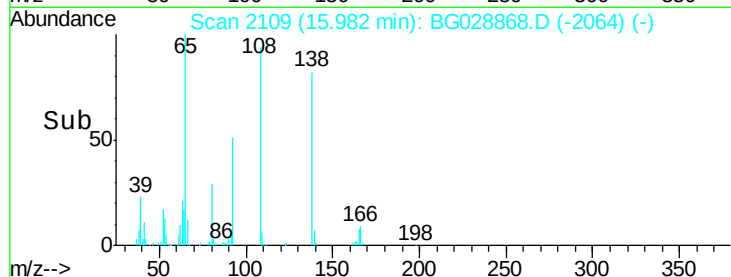
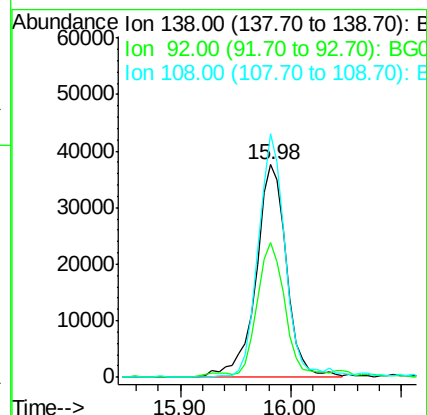
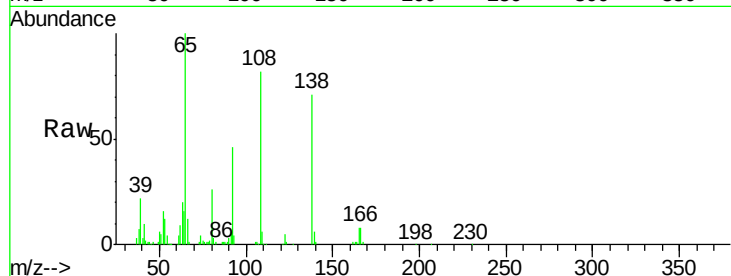




#61
4-Nitroaniline
Concen: 41.65 ng
RT: 15.98 min Scan# 2109
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

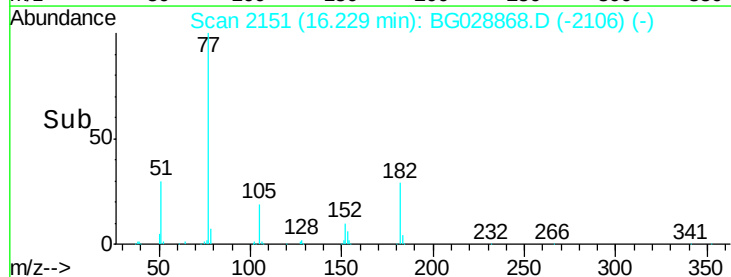
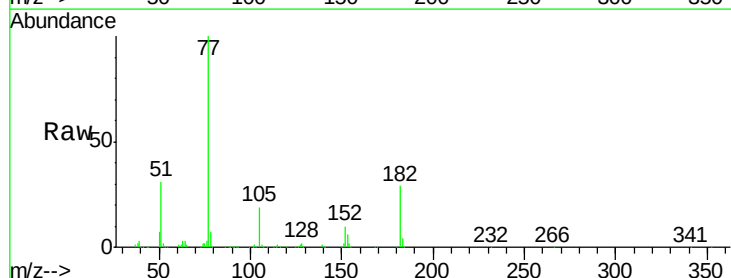
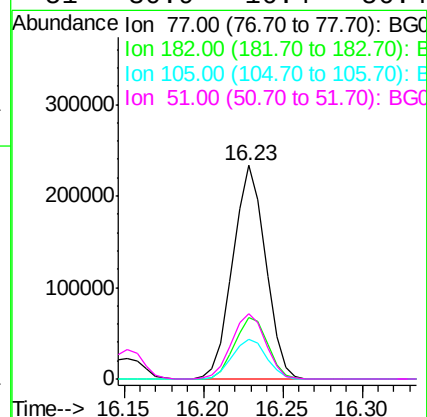
Instrument :
BNA_G
ClientSampled :

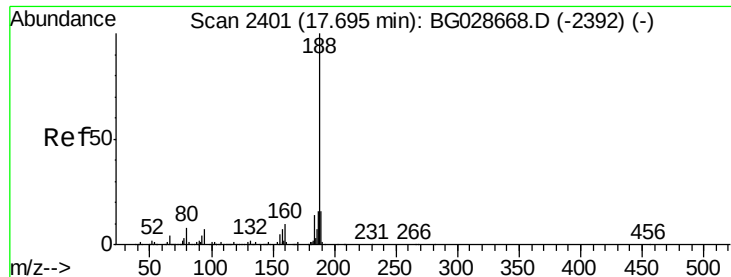
Tot Ion:138 Resp: 72811
Ion Ratio Lower Upper
138 100
92 63.7 44.2 84.2
108 114.6 104.8 144.8



#62
Azobenzene
Concen: 46.07 ng
RT: 16.23 min Scan# 2151
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion: 77 Resp: 333864
Ion Ratio Lower Upper
77 100
182 29.1 4.7 44.7
105 18.8 0.0 36.3
51 30.9 16.4 56.4

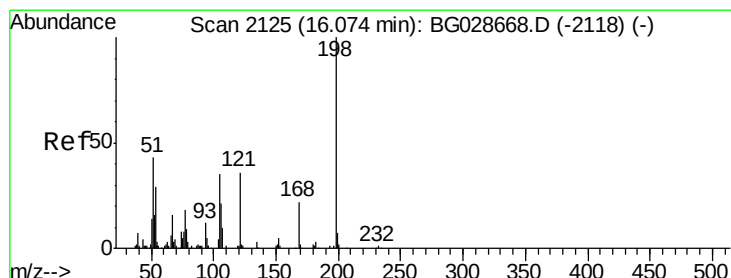
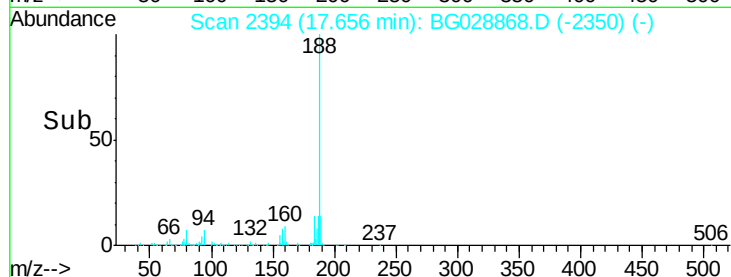
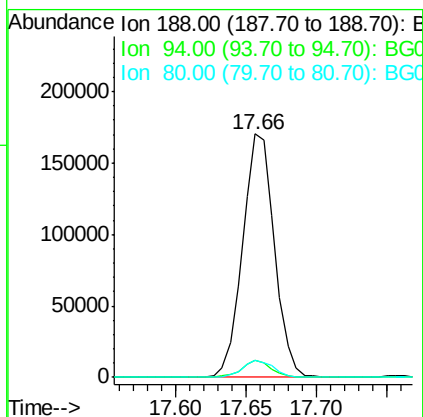
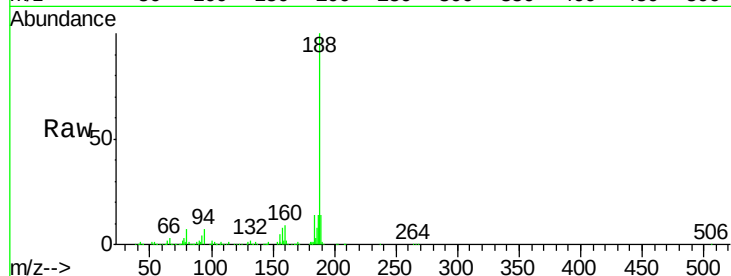




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

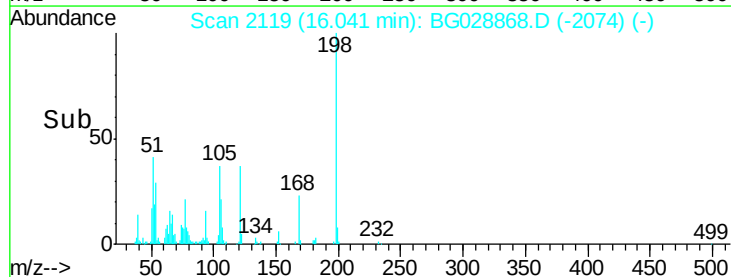
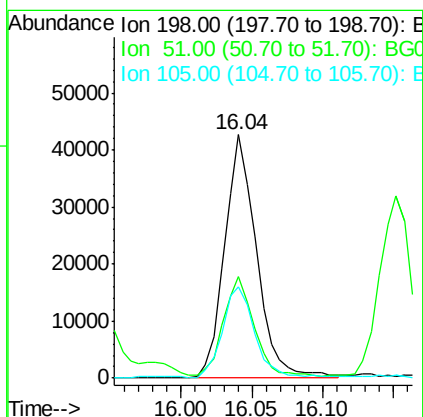
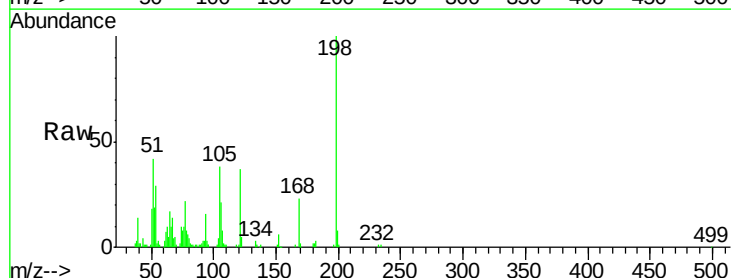
Instrument :
BNA_G
ClientSampleId :

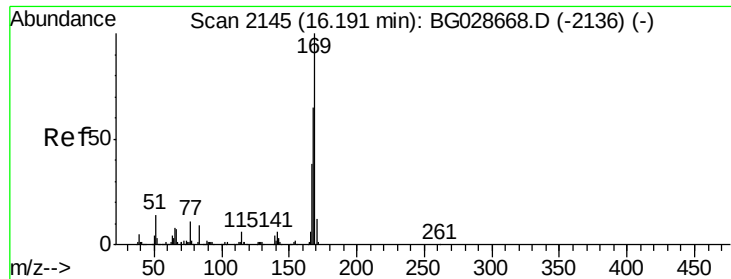
Tot Ion:188 Resp: 267386
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.8
80 7.0 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.19 ng
RT: 16.04 min Scan# 2119
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:198 Resp: 67610
Ion Ratio Lower Upper
198 100
51 41.6 22.6 62.6
105 37.5 14.4 54.4

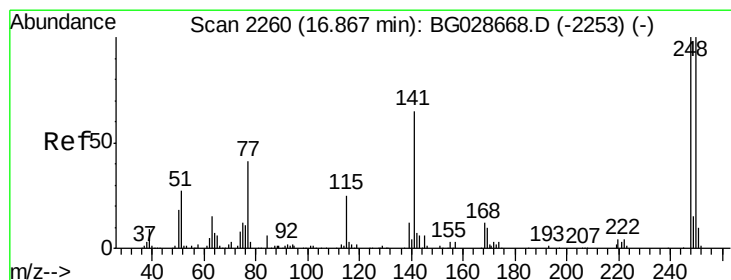
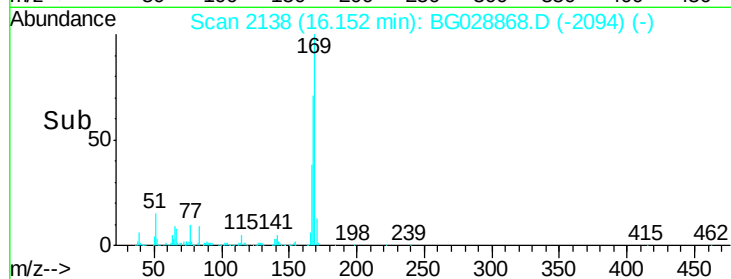
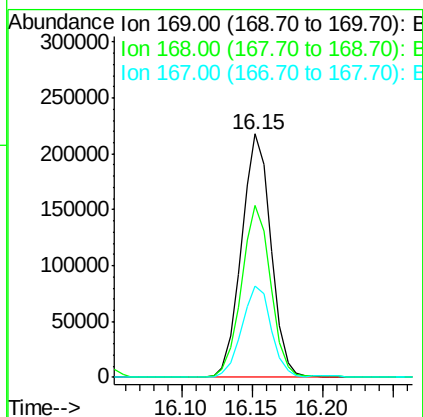
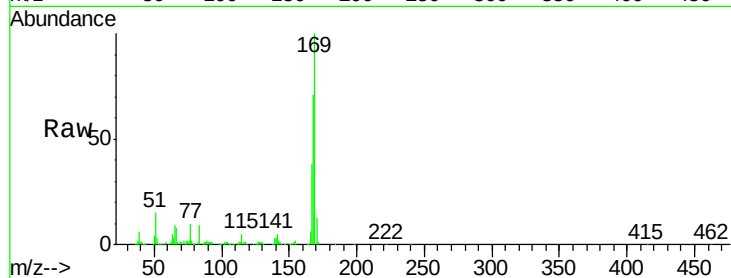




#65
 n-Nitrosodiphenylamine
 Concen: 41.36 ng
 RT: 16.15 min Scan# 2138
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

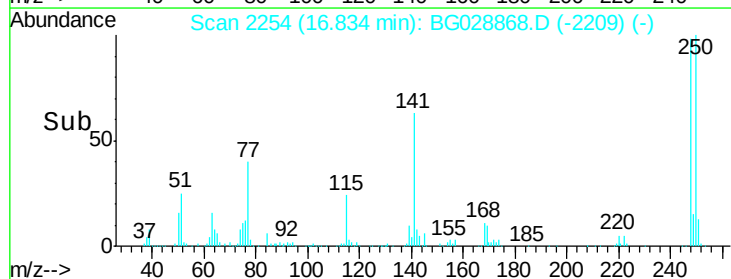
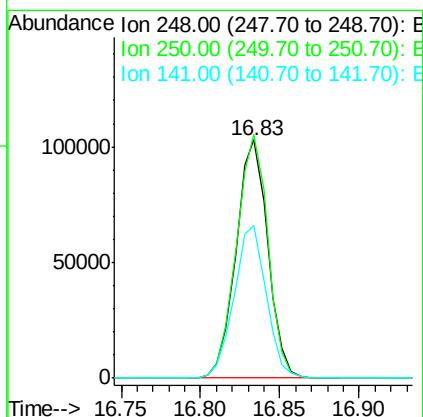
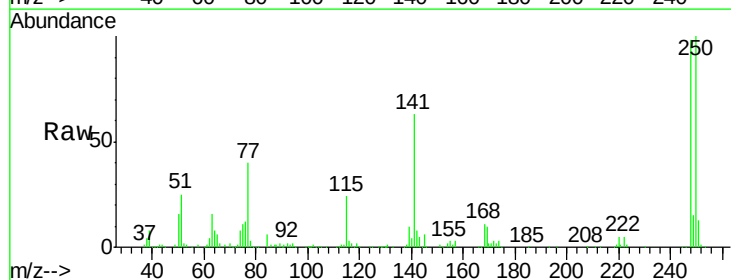
Instrument :
 BNA_G
 ClientSampleId :

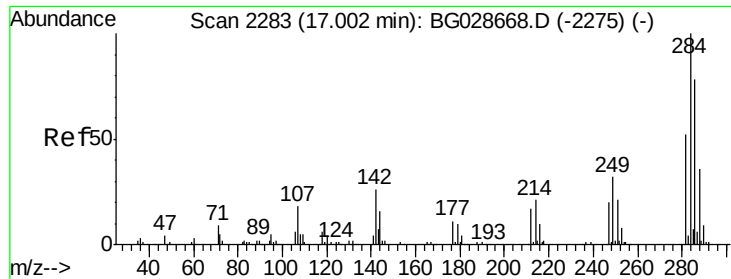
Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	70.8	55.7	83.5	
167	37.6	29.8	44.6	



#66
 4-Bromophenyl-phenylether
 Concen: 41.53 ng
 RT: 16.83 min Scan# 2254
 Delta R.T. -0.03 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	102.1	75.0	112.6	
141	64.3	55.2	82.8	

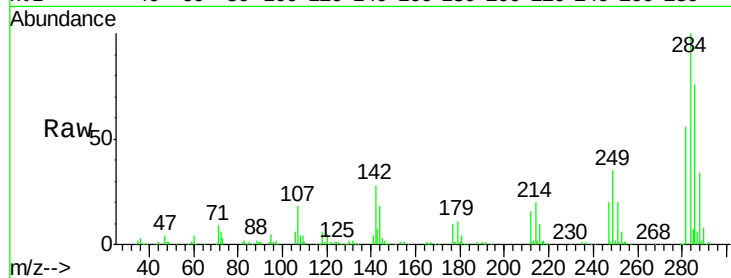




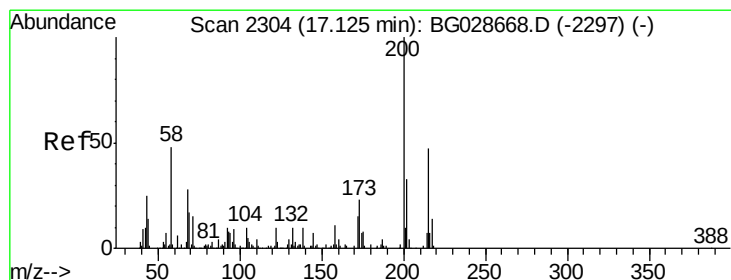
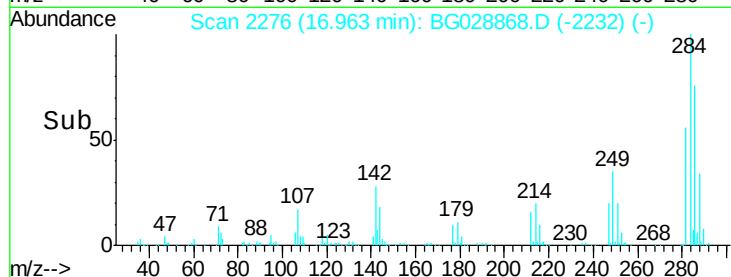
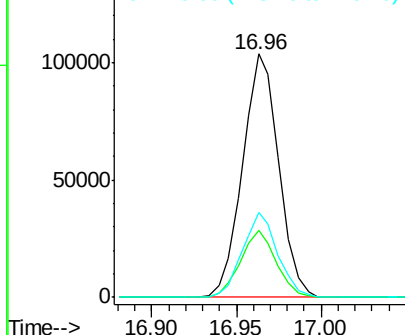
#67
Hexachlorobenzene
Concen: 39.36 ng
RT: 16.96 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.7	29.9	44.9#
249	35.0	29.2	43.8

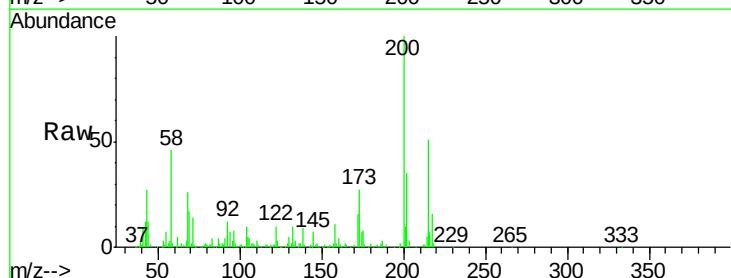


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

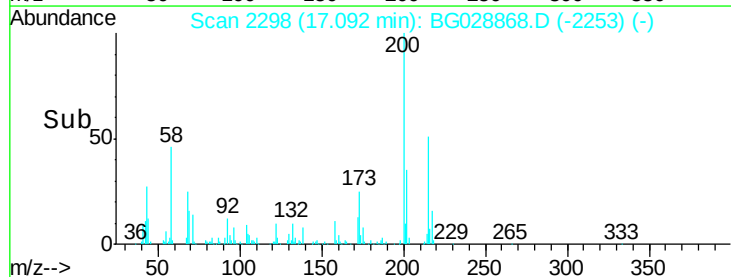
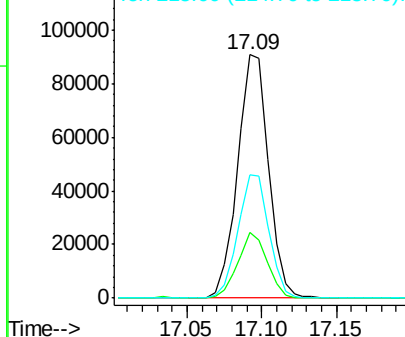


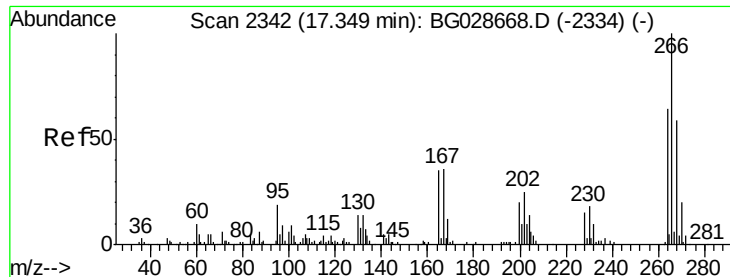
#68
Atrazine
Concen: 39.66 ng
RT: 17.09 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	3.0	43.0
215	50.8	28.4	68.4



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: 84.10 ng

RT: 17.32 min Scan# 2336

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampled :

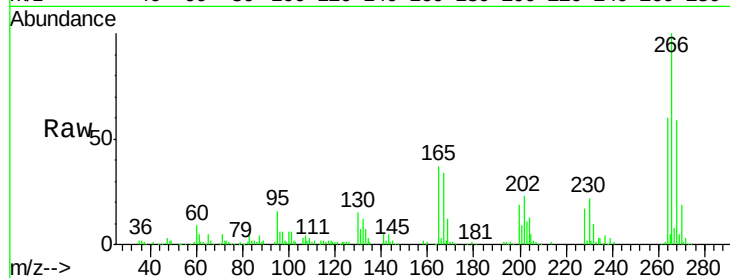
Tot Ion:266 Resp: 148796

Ion Ratio Lower Upper

266 100

268 58.9 48.6 72.8

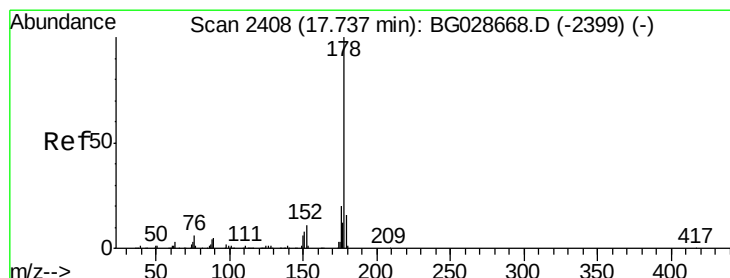
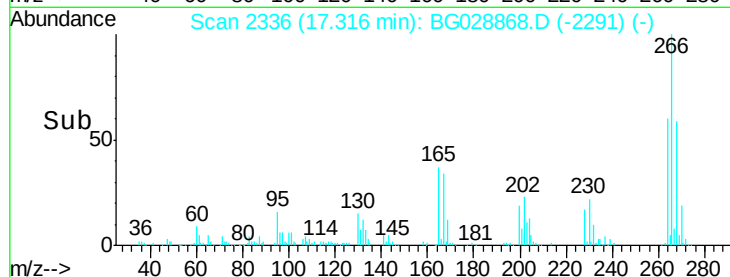
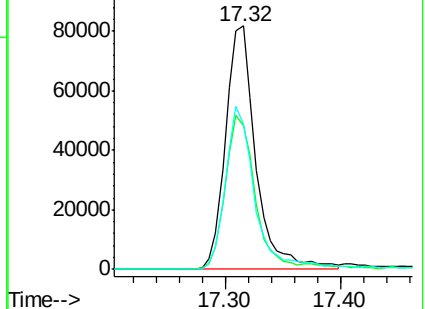
264 59.6 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.44 ng

RT: 17.70 min Scan# 2402

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

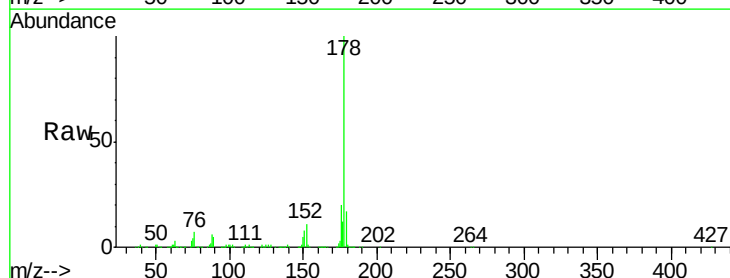
Tgt Ion:178 Resp: 607604

Ion Ratio Lower Upper

178 100

176 19.9 17.7 26.5

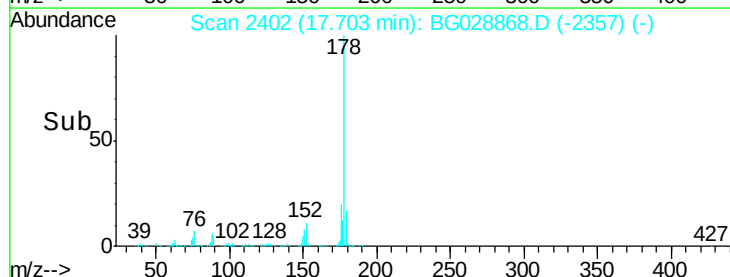
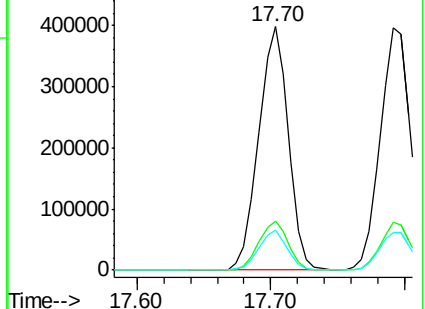
179 16.5 15.0 22.6

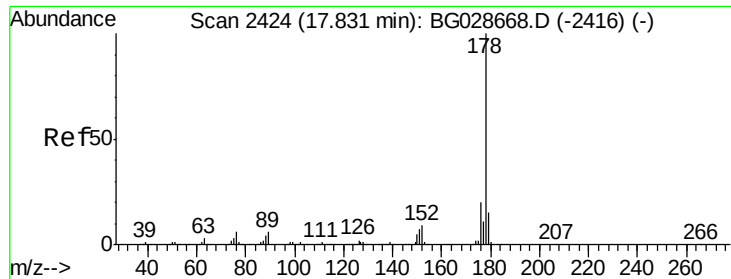


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

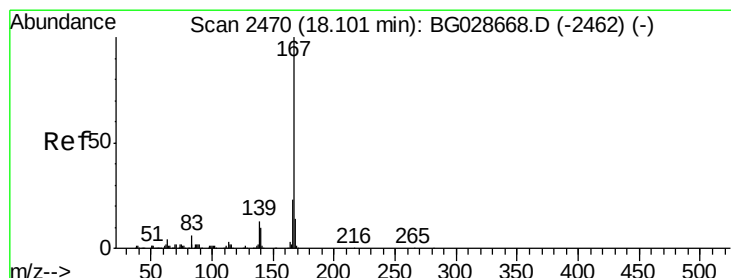
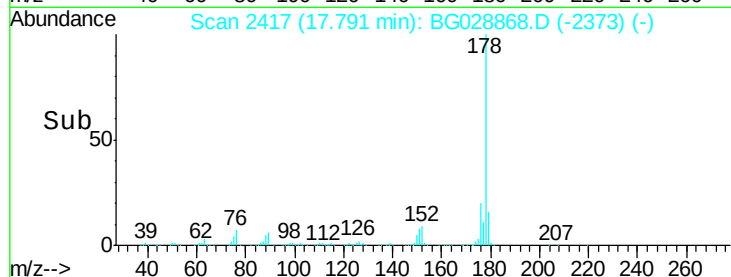
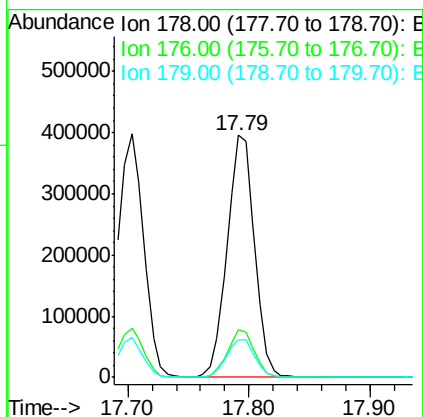
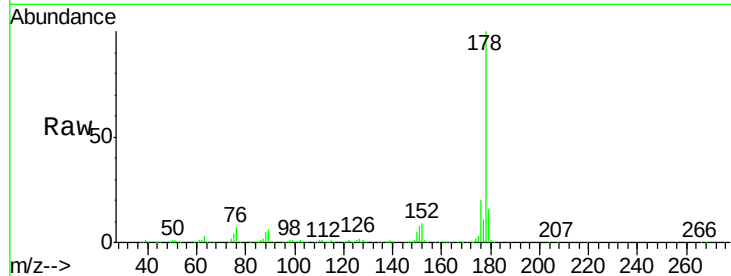




#71
 Anthracene
 Concen: 44.84 ng
 RT: 17.79 min Scan# 2417
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

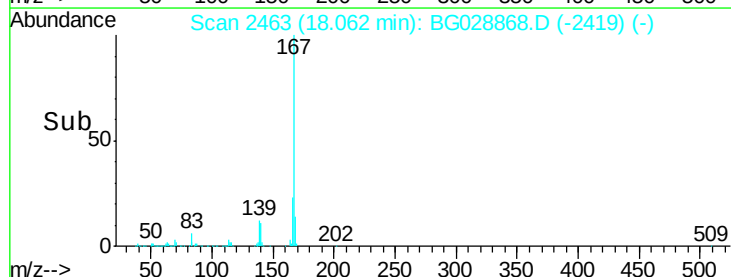
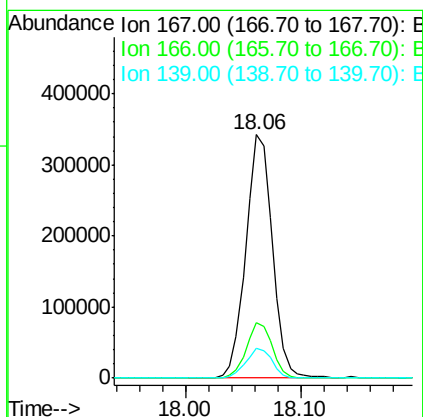
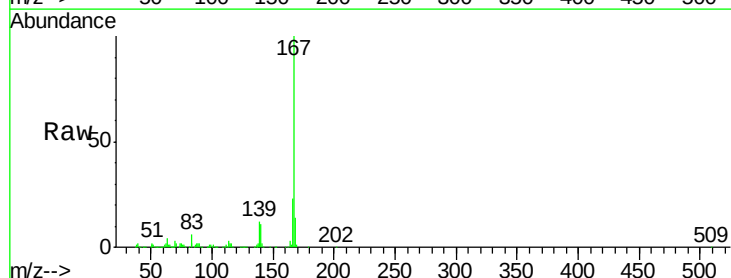
Instrument :
 BNA_G
 ClientSampleId :

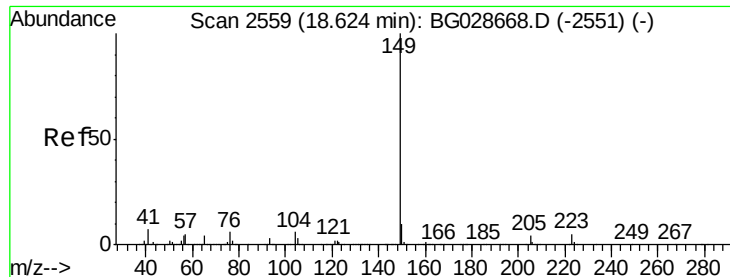
Tot Ion:178 Resp: 619301
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.4 24.6
 179 15.7 13.8 20.8



#72
 Carbazole
 Concen: 44.06 ng
 RT: 18.06 min Scan# 2463
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion:167 Resp: 548075
 Ion Ratio Lower Upper
 167 100
 166 22.6 20.2 30.2
 139 12.4 12.8 19.2#





#73

Di-n-butylphthalate

Concen: 42.61 ng

RT: 18.59 min Scan# 2553

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

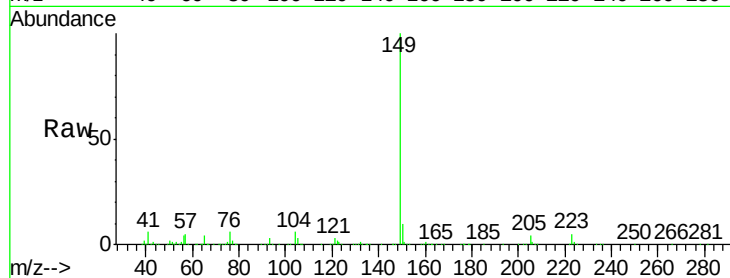
Tot Ion:149 Resp: 649908

Ion Ratio Lower Upper

149 100

150 10.1 9.1 13.7

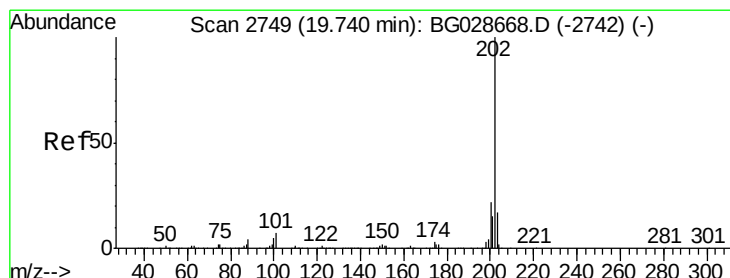
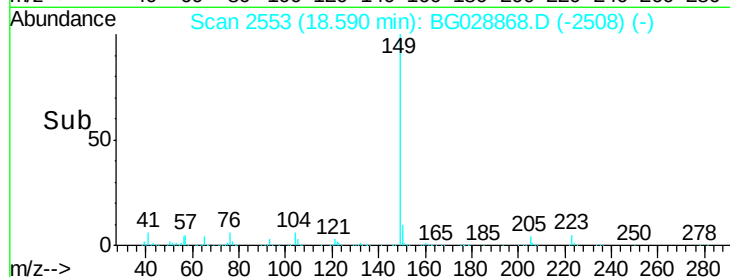
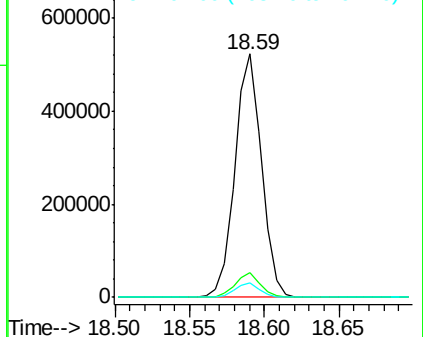
104 5.8 6.7 10.1#



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: 46.41 ng

RT: 19.70 min Scan# 2742

Delta R.T. -0.04 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

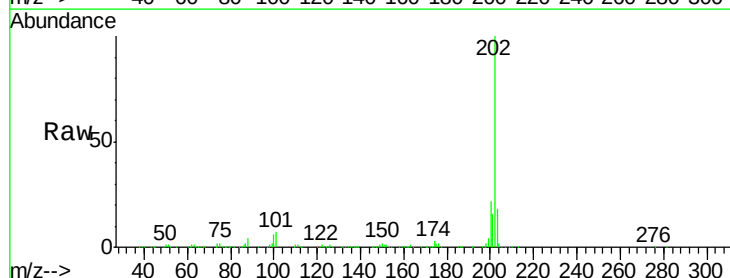
Tgt Ion:202 Resp: 774845

Ion Ratio Lower Upper

202 100

101 7.4 0.0 30.1

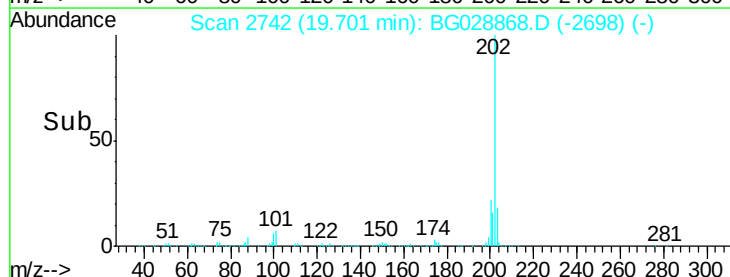
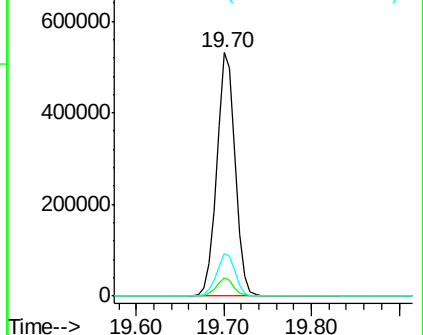
203 17.8 1.3 41.3

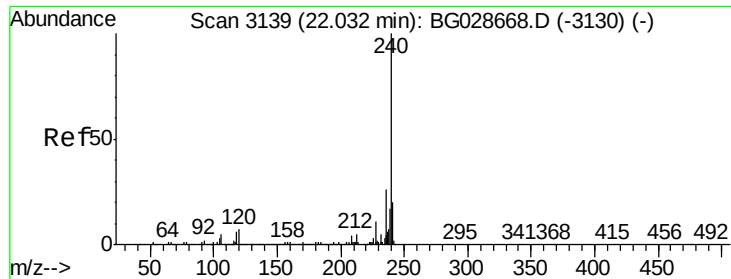


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.99 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

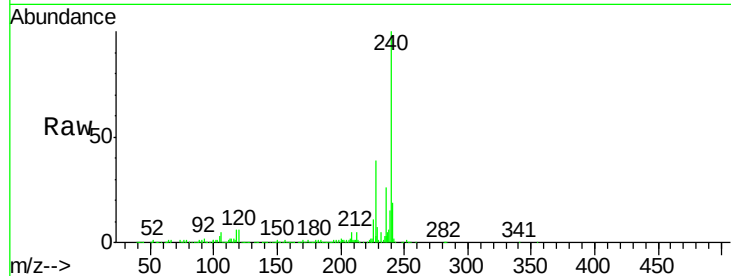
Tot Ion:240 Resp: 319866

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

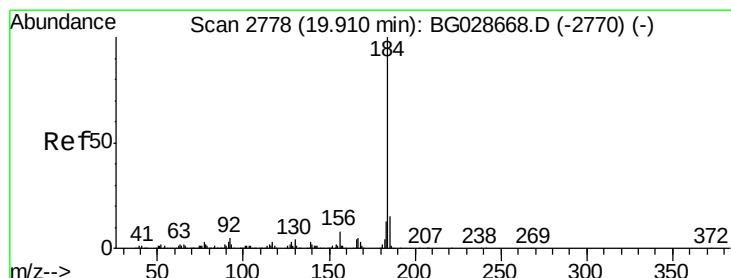
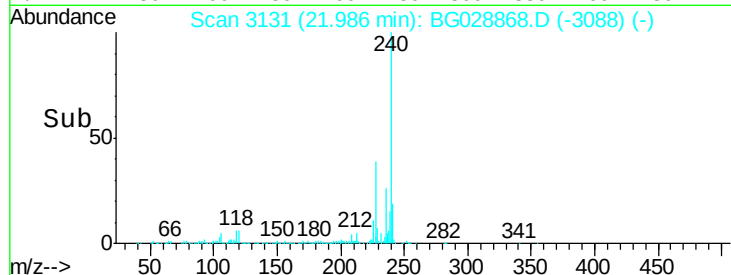
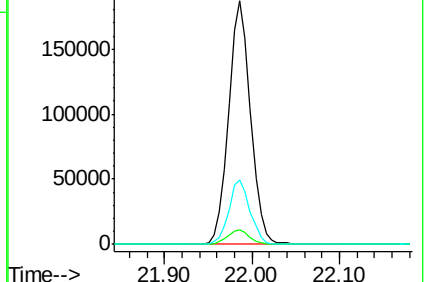
236 26.3 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.40 ng

RT: 19.90 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

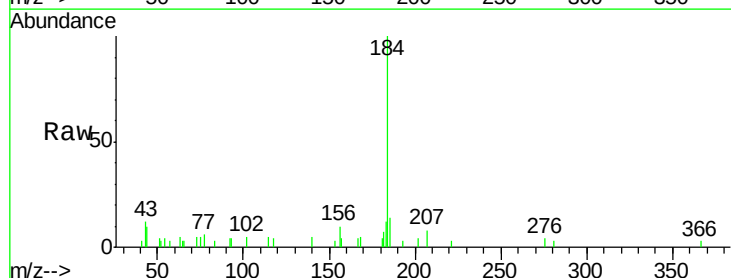
Tgt Ion:184 Resp: 19868

Ion Ratio Lower Upper

184 100

185 13.6 13.0 19.6

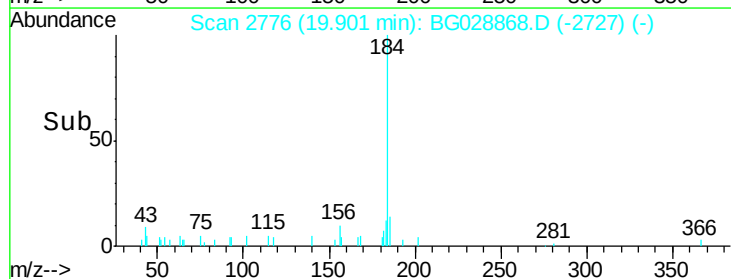
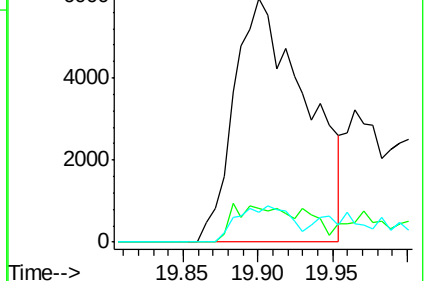
183 12.3 11.0 16.6

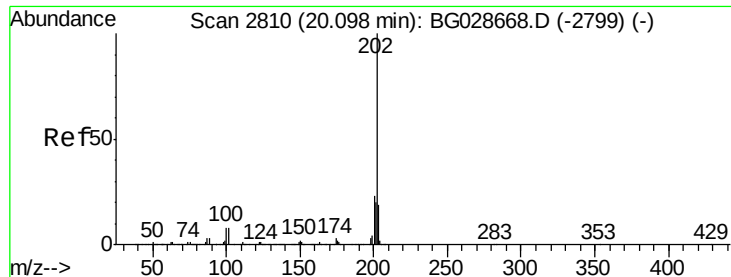


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.54 ng

RT: 20.07 min Scan# 2804

Delta R.T. -0.03 min

Lab File: BG028868.D

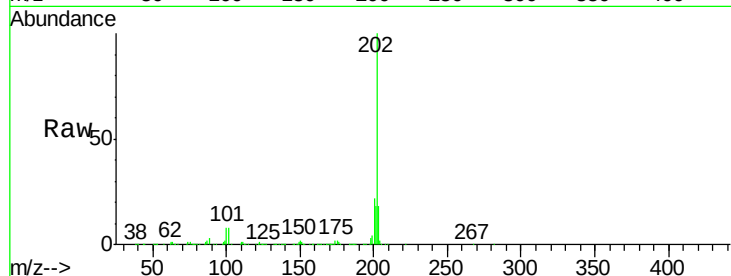
Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

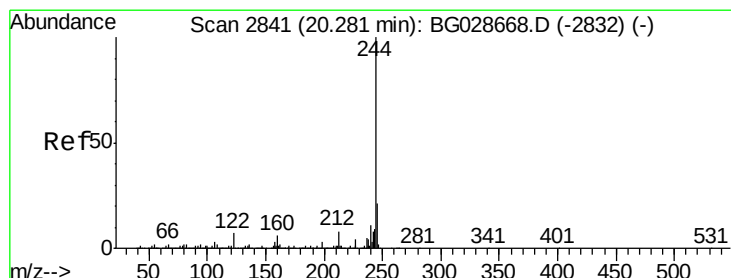
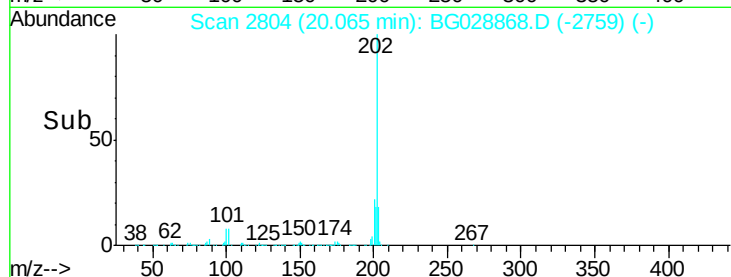
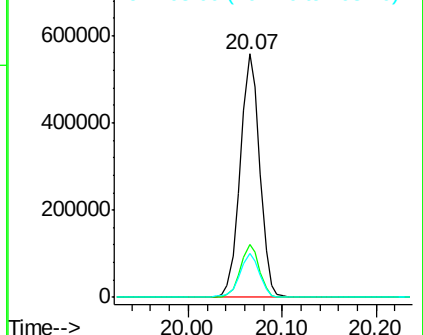
Tot Ion:	202	Resp:	803391
Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.6	29.4
203	17.8	15.8	23.8



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: 95.52 ng

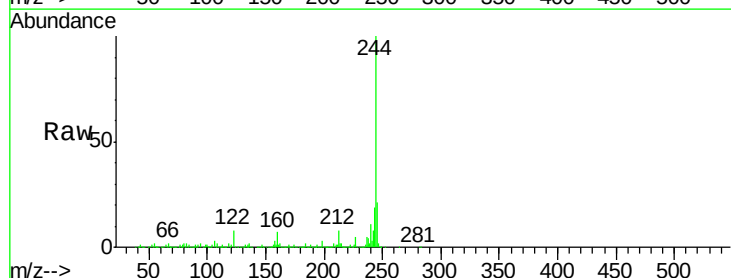
RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

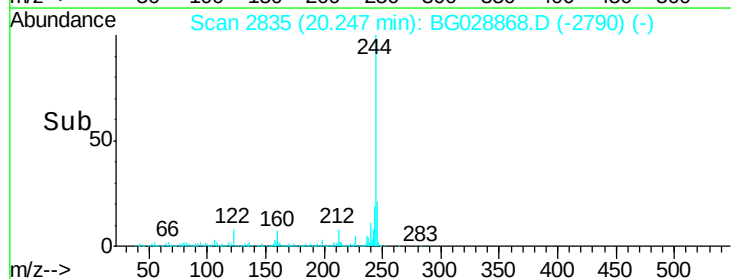
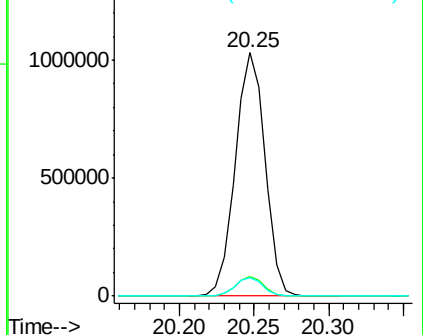
Tgt Ion:	244	Resp:	1432747
Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.7	8.6	12.8#

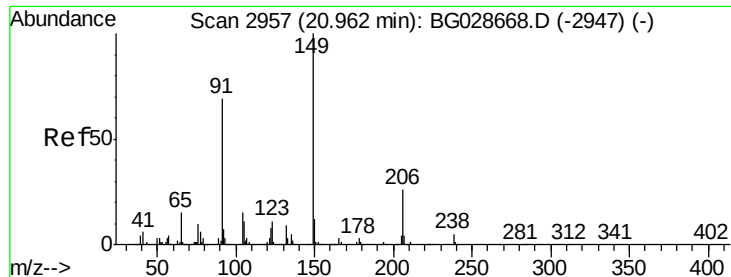


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.83 ng

RT: 20.93 min Scan# 2951

Delta R.T. -0.03 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

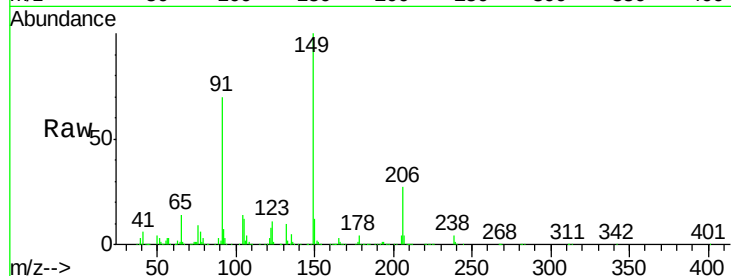
Tot Ion:149 Resp: 304240

Ion Ratio Lower Upper

149 100

91 69.5 63.5 95.3

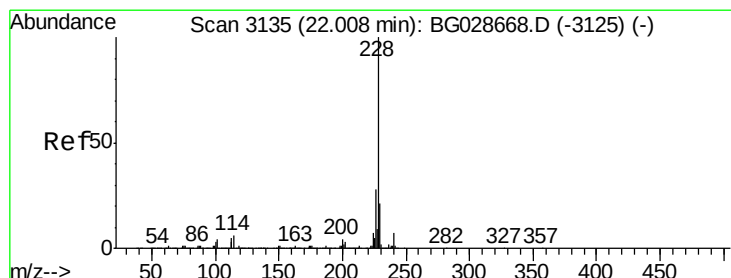
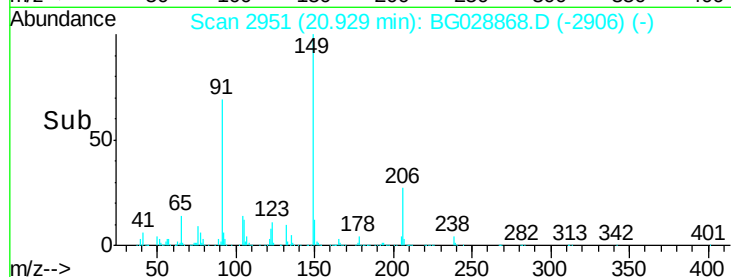
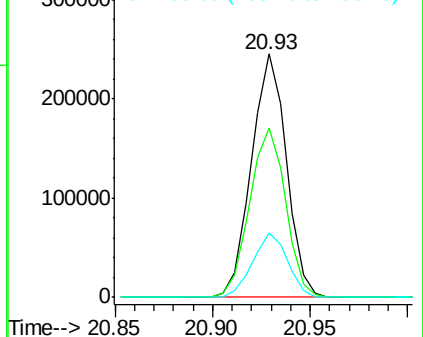
206 26.5 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.12 ng

RT: 21.96 min Scan# 3127

Delta R.T. -0.05 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

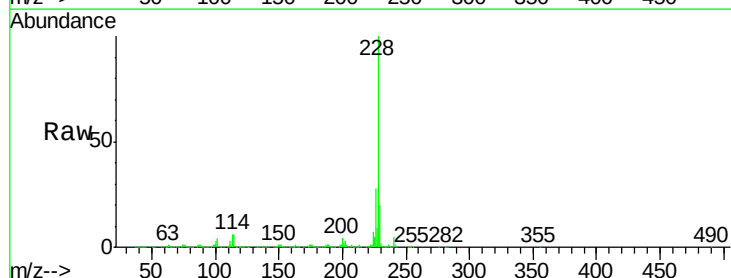
Tgt Ion:228 Resp: 830135

Ion Ratio Lower Upper

228 100

226 27.8 24.9 37.3

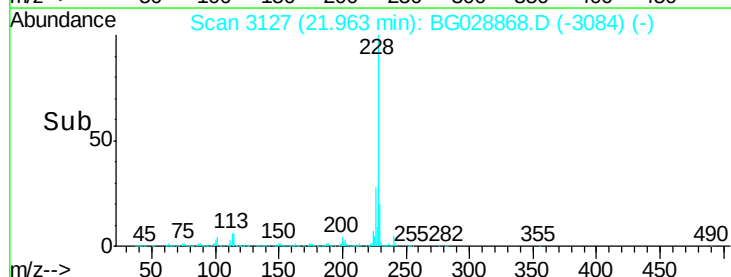
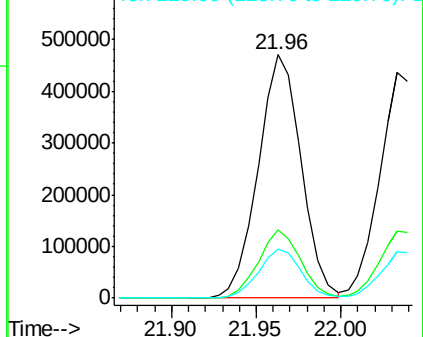
229 20.2 18.2 27.2

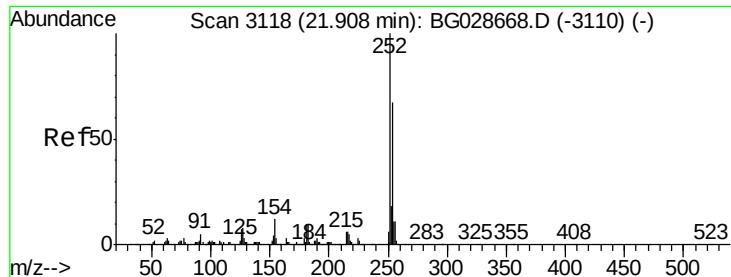


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

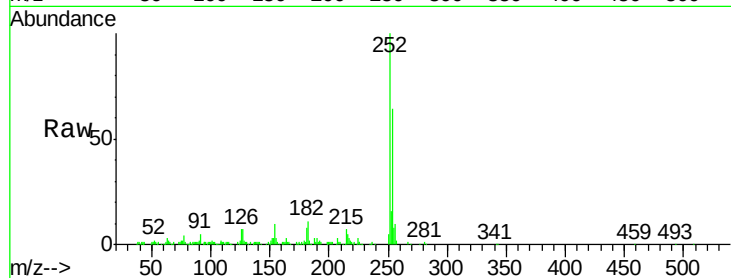




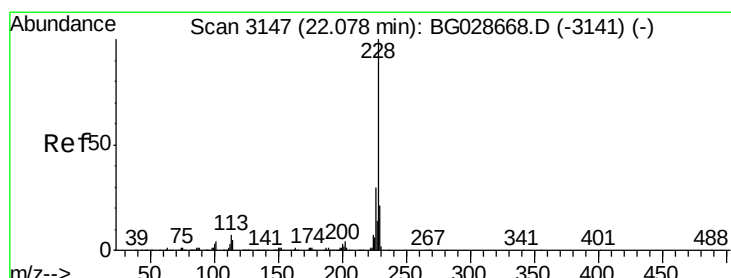
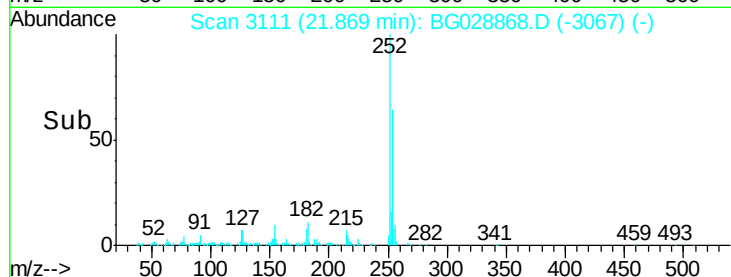
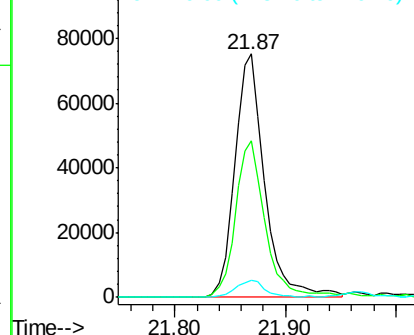
#81
 3,3'-Dichlorobenzidine
 Concen: 18.21 ng
 RT: 21.87 min Scan# 3111
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	53.1	79.7
126	7.1	7.0	10.4

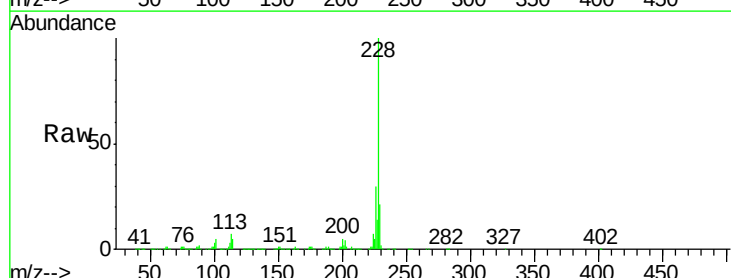


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

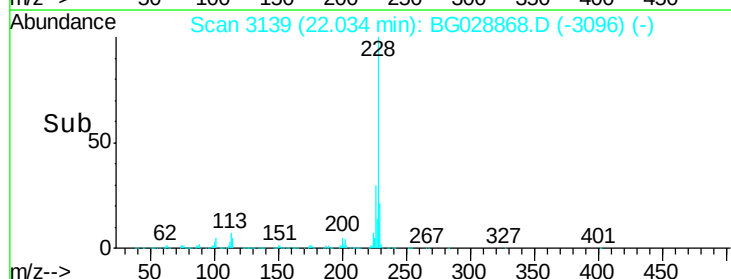
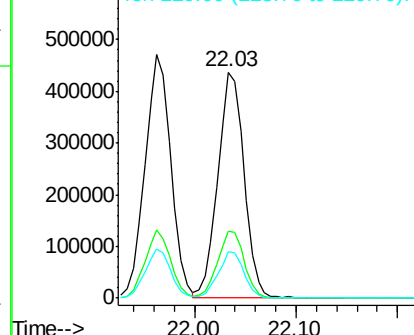


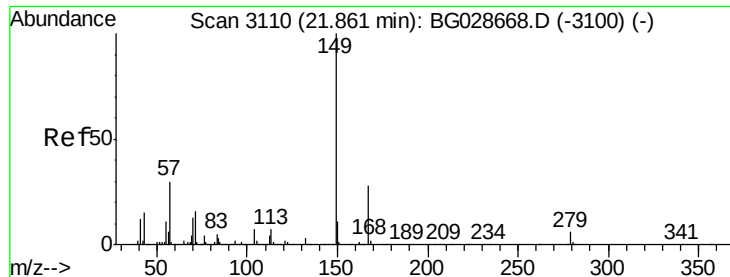
#82
 Chrysene
 Concen: 43.00 ng
 RT: 22.03 min Scan# 3139
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	27.0	40.4
229	20.8	17.8	26.6



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

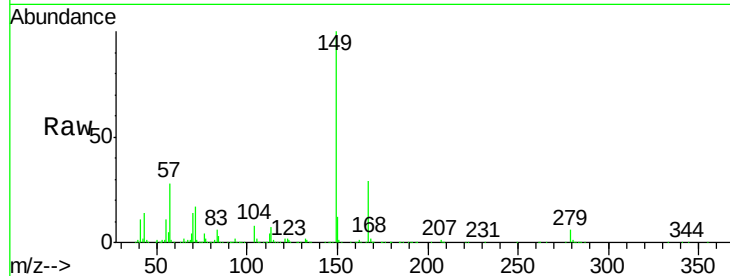




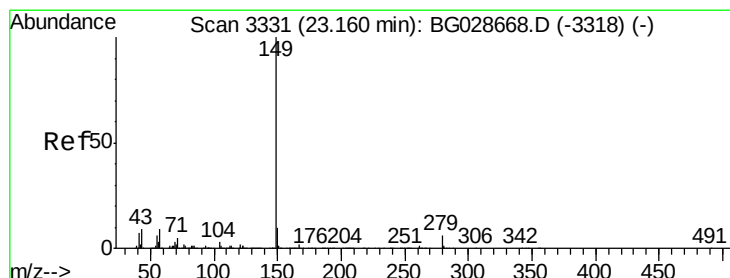
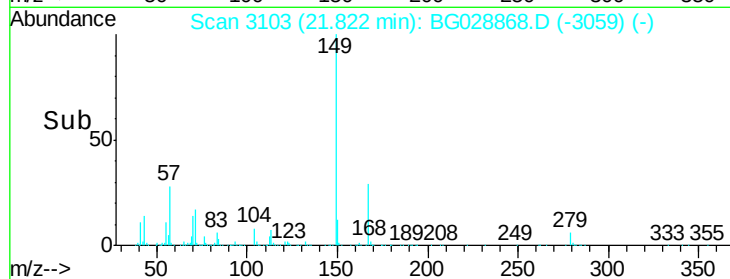
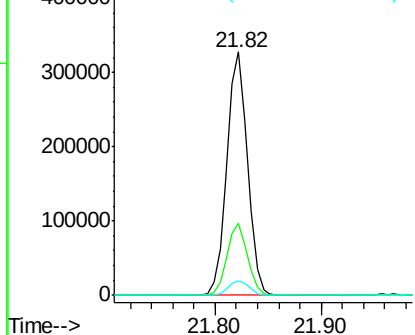
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.44 ng
 RT: 21.82 min Scan# 3103
 Delta R.T. -0.04 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	5.8	4.6	6.8

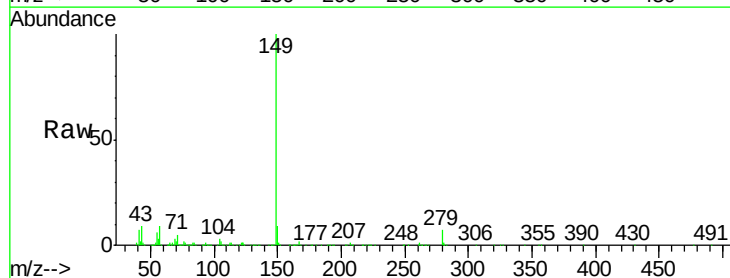


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

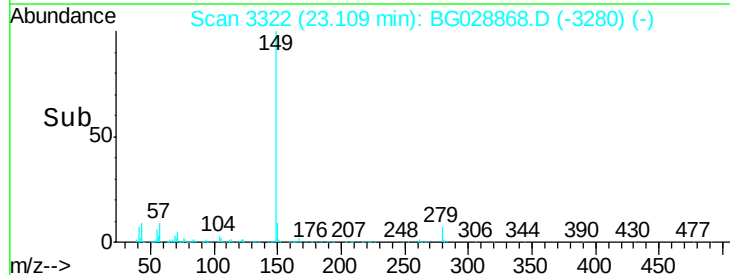
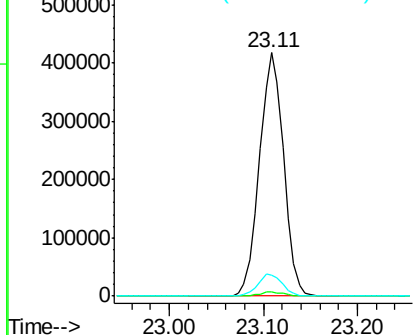


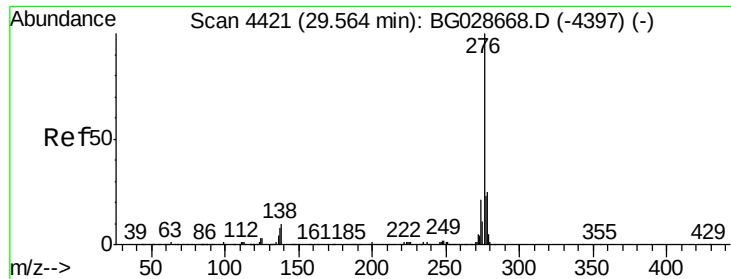
#84
 Di-n-octyl phthalate
 Concen: 40.09 ng
 RT: 23.11 min Scan# 3322
 Delta R.T. -0.05 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.1	11.8	17.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.42 ng

RT: 29.44 min Scan# 4400

Delta R.T. -0.12 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

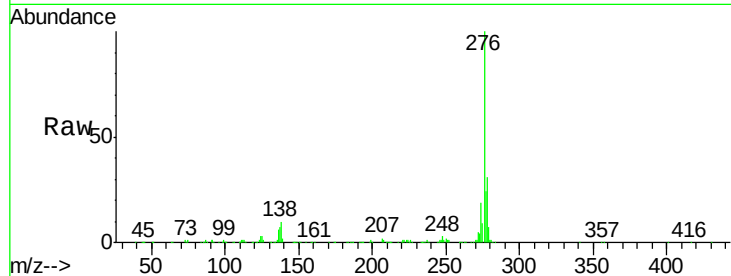
Tot Ion:276 Resp: 901797

Ion Ratio Lower Upper

276 100

138 5.8 4.7 7.1

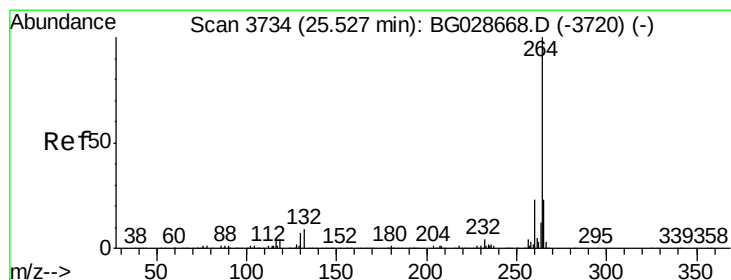
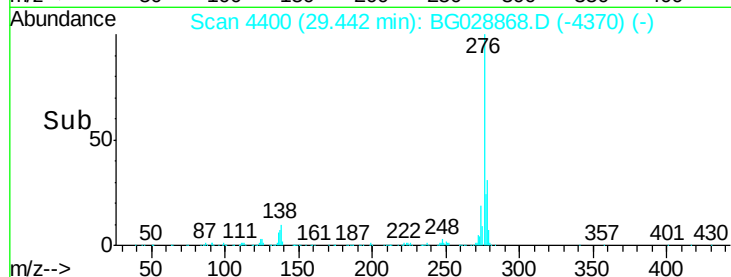
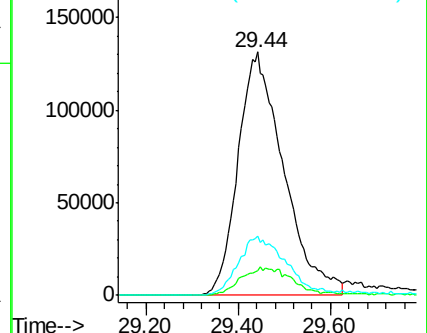
277 25.3 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.07 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

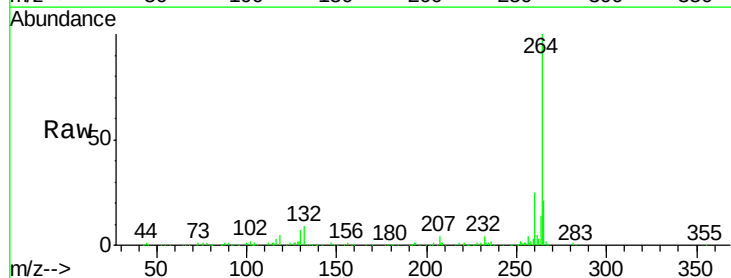
Tgt Ion:264 Resp: 322759

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

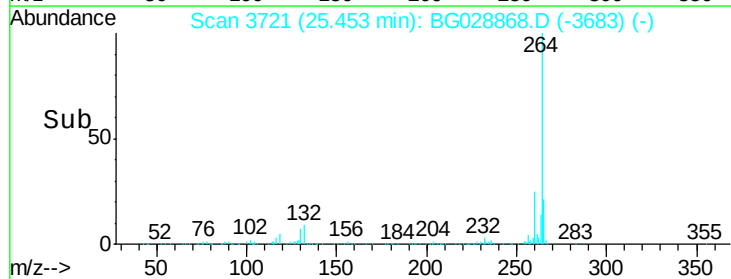
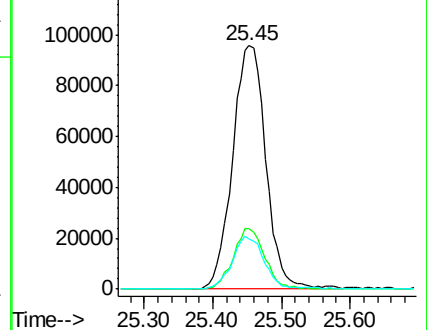
265 20.9 18.2 27.4

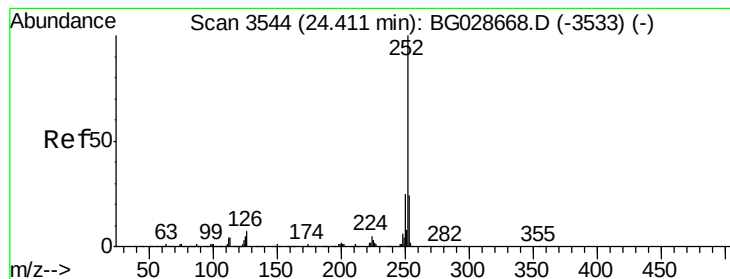


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.30 ng

RT: 24.35 min Scan# 3533

Delta R.T. -0.06 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

Instrument :

BNA_G

ClientSampleId :

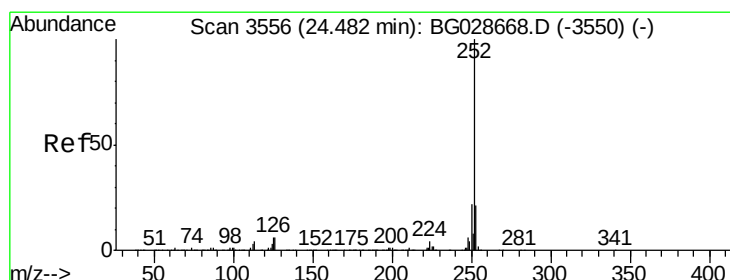
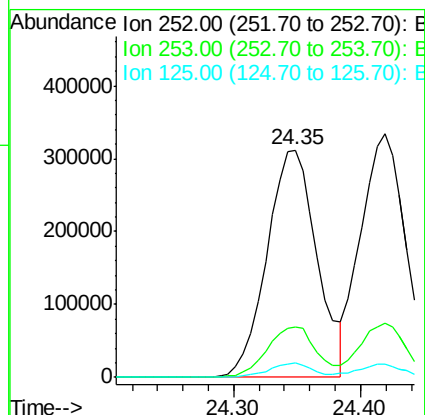
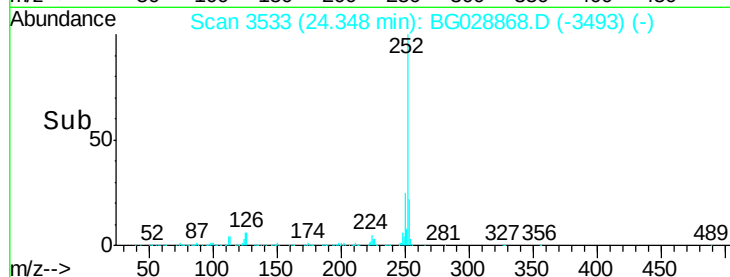
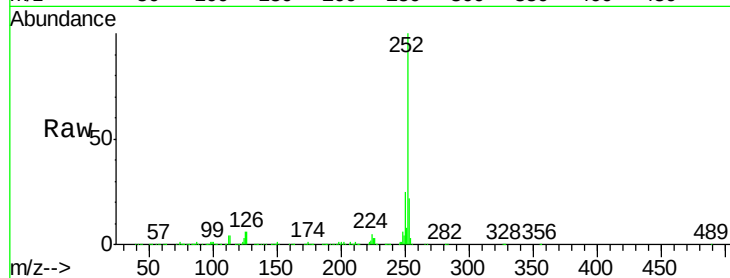
Tot Ion:252 Resp: 856579

Ion Ratio Lower Upper

252 100

253 22.0 18.7 28.1

125 6.4 5.3 7.9



#88

Benzo(k)fluoranthene

Concen: 42.65 ng

RT: 24.42 min Scan# 3545

Delta R.T. -0.06 min

Lab File: BG028868.D

Acq: 21 Sep 2017 21:43

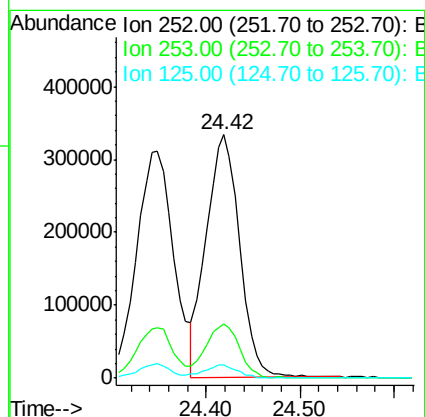
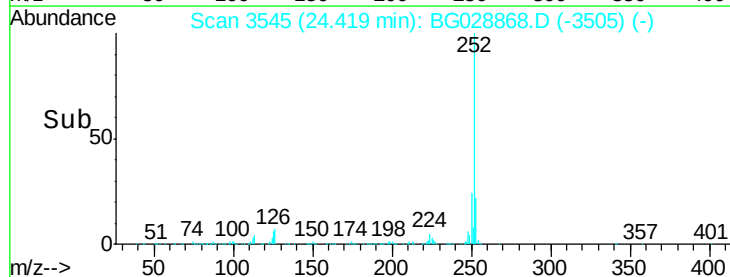
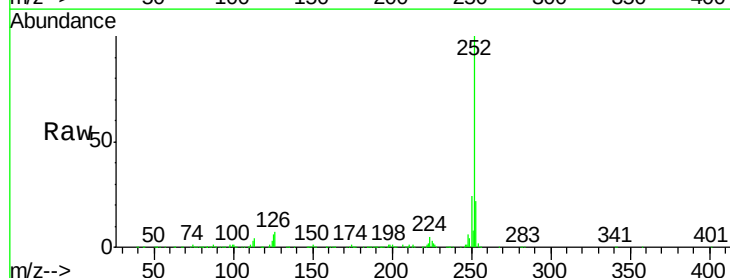
Tgt Ion:252 Resp: 823764

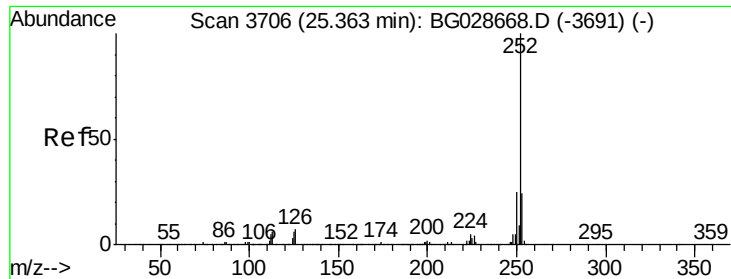
Ion Ratio Lower Upper

252 100

253 22.3 20.2 30.2

125 5.6 5.1 7.7

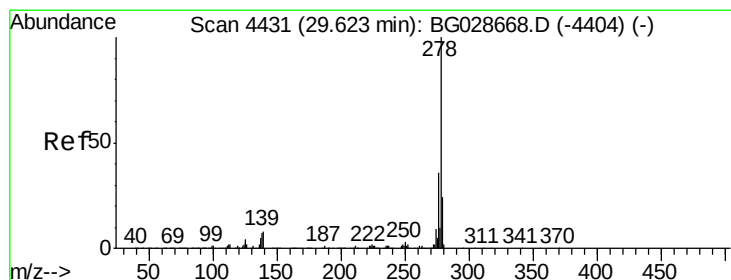
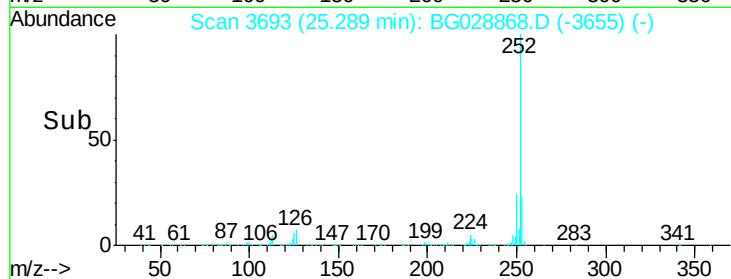
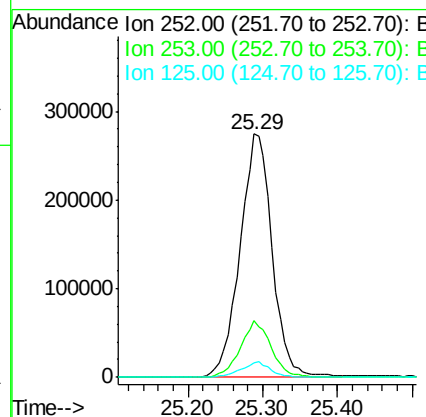
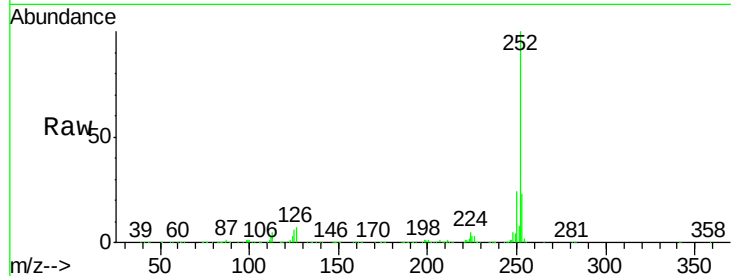




#89
Benzo(a)pyrene
Concen: 44.53 ng
RT: 25.29 min Scan# 3693
Delta R.T. -0.07 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

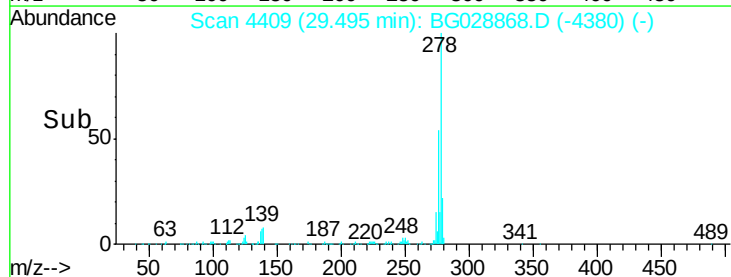
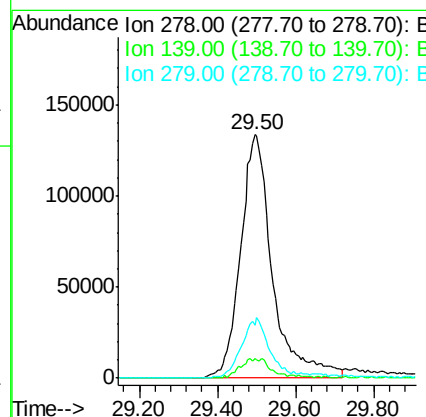
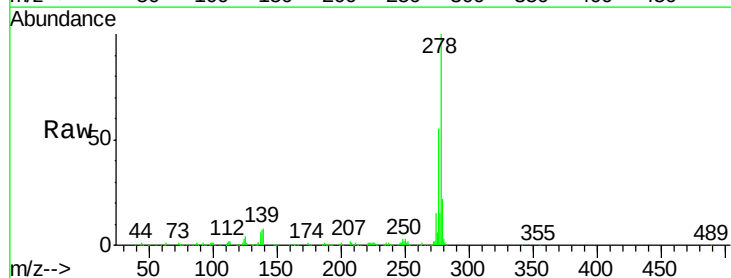
Instrument :
BNA_G
ClientSampleId :

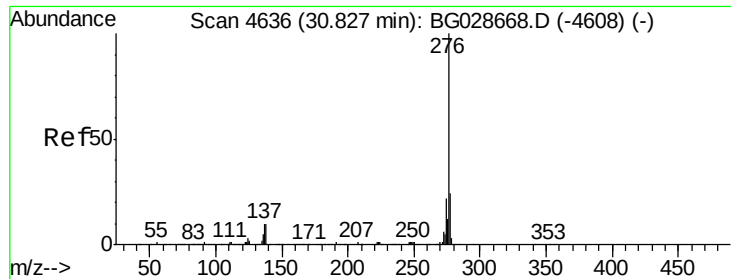
Tot Ion:252 Resp: 817296
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 5.8 5.4 8.0



#90
Dibenzo(a,h)anthracene
Concen: 39.72 ng
RT: 29.50 min Scan# 4409
Delta R.T. -0.13 min
Lab File: BG028868.D
Acq: 21 Sep 2017 21:43

Tgt Ion:278 Resp: 760110
Ion Ratio Lower Upper
278 100
139 7.8 7.7 11.5
279 21.8 19.1 28.7

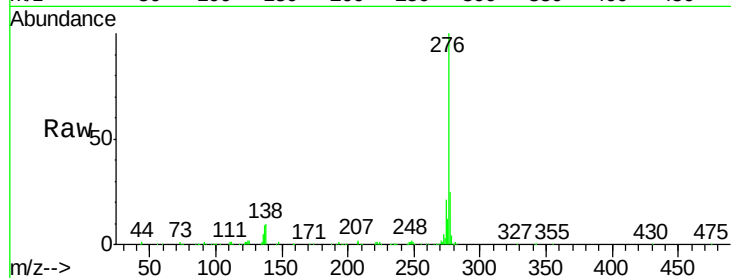




#91
 Benzo(a,h,i)perylene
 Concen: 38.76 ng
 RT: 30.69 min Scan# 4612
 Delta R.T. -0.14 min
 Lab File: BG028868.D
 Acq: 21 Sep 2017 21:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	276	Resp:	723661
Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	10.3	8.1	12.1



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

