

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028880.D
 Acq On : 22 Sep 2017 18:41
 Operator : SJ/JU
 Sample : PB102487BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 23:37:25 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	8.28	152	25456	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	108000	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	87481	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	252946	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	293616	20.00	ng	-0.07
86) Perylene-d12	25.41	264	296080	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	189541	122.86	ng	-0.05
7) Phenol-d6	7.44	99	278298	119.81	ng	-0.05
23) Nitrobenzene-d5	9.45	82	169166	74.93	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	197083	136.21	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	478435	72.93	ng	-0.05
78) Terphenyl-d14	20.23	244	1013539	73.61	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	3.77	88	19954	31.94	ng	97
3) Pyridine	4.16	79	54208	30.42	ng	91
4) n-Nitrosodimethylamine	4.08	42	28777	35.50	ng	# 65
6) Aniline	7.60	93	77322	28.60	ng	92
8) 2-Chlorophenol	7.84	128	65566	38.12	ng	91
9) Benzaldehyde	7.42	77	22996	15.96	ng	92
10) Phenol	7.46	94	95041	38.77	ng	89
11) bis(2-Chloroethyl)ether	7.69	93	58877	33.45	ng	96
12) 1,3-Dichlorobenzene	8.16	146	65843	35.55	ng	94
13) 1,4-Dichlorobenzene	8.31	146	68996	36.23	ng	96
14) 1,2-Dichlorobenzene	8.63	146	64277	34.17	ng	94
15) Benzyl Alcohol	8.52	79	61342	33.83	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.79	45	107099	33.48	ng	96
17) 2-Methylphenol	8.72	107	63320	39.53	ng	92
18) Hexachloroethane	9.36	117	23699	33.96	ng	98
19) n-Nitroso-di-n-propylamine	9.07	70	55840	33.91	ng	89
20) 3+4-Methylphenols	9.04	107	86586	38.64	ng	86
22) Acetophenone	9.10	105	107661	34.09	ng	# 85
24) Nitrobenzene	9.49	77	86175	34.47	ng	96
25) Isophorone	10.01	82	158242	34.64	ng	99
26) 2-Nitrophenol	10.20	139	37323	35.08	ng	95
27) 2,4-Dimethylphenol	10.25	122	74429	38.27	ng	98
28) bis(2-Chloroethoxy)methane	10.48	93	87200	35.15	ng	100
29) 2,4-Dichlorophenol	10.75	162	76790	39.68	ng	93
30) 1,2,4-Trichlorobenzene	10.95	180	77118	34.93	ng	97
31) Naphthalene	11.14	128	202651	35.93	ng	96
32) Benzoic acid	10.38	122	32651	26.73	ng	# 84
33) 4-Chloroaniline	11.27	127	31496	13.33	ng	# 91
34) Hexachlorobutadiene	11.42	225	53673	33.01	ng	95
35) Caprolactam	12.04	113	22338	32.19	ng	99
36) 4-Chloro-3-methylphenol	12.36	107	98000	38.91	ng	92
37) 2-Methylnaphthalene	12.74	142	166121	39.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	107490	29.88	ng	# 95
40) Hexachlorocyclopentadiene	13.07	237	93801	68.35	ng	90

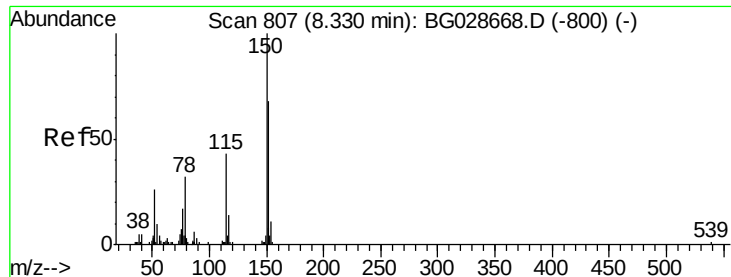
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092217\
 Data File : BG028880.D
 Acq On : 22 Sep 2017 18:41
 Operator : SJ/JU
 Sample : PB102487BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 23:37:25 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	13.33	196	80630	35.32	nq	94
43) 2,4,5-Trichlorophenol	13.42	196	90388	39.40	nq	91
45) 1,1'-Biphenyl	13.73	154	231826	32.01	nq	95
46) 2-Chloronaphthalene	13.78	162	183366	34.71	nq	98
47) 2-Nitroaniline	13.99	65	75445	38.43	nq	94
48) Acenaphthylene	14.62	152	300793	35.64	nq	99
49) Dimethylphthalate	14.34	163	285209	38.88	nq	98
50) 2,6-Dinitrotoluene	14.47	165	65137	39.91	nq	# 74
51) Acenaphthene	14.96	154	180496	35.20	nq	94
52) 3-Nitroaniline	14.80	138	36693	25.42	nq	# 92
53) 2,4-Dinitrophenol	15.02	184	59224	69.97	nq	96
54) Dibenzofuran	15.29	168	326352	39.91	nq	92
55) 4-Nitrophenol	15.12	139	91996	86.99	nq	# 76
56) 2,4-Dinitrotoluene	15.26	165	97202	42.35	nq	# 89
57) Fluorene	15.94	166	282822	38.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.52	232	92748	45.87	nq	# 91
59) Diethylphthalate	15.69	149	299225	39.69	nq	99
60) 4-Chlorophenyl-phenylether	15.92	204	160182	38.54	nq	93
61) 4-Nitroaniline	15.97	138	63644	41.62	nq	86
62) Azobenzene	16.21	77	268786	42.39	nq	92
64) 4,6-Dinitro-2-methylphenol	16.03	198	57754	35.38	nq	97
65) n-Nitrosodiphenylamine	16.14	169	252188	34.78	nq	97
66) 4-Bromophenyl-phenylether	16.82	248	117341	36.05	nq	93
67) Hexachlorobenzene	16.95	284	125637	33.92	nq	# 85
68) Atrazine	17.08	200	108116	34.73	nq	97
69) Pentachlorophenol	17.30	266	117744	70.35	nq	98
70) Phenanthrene	17.69	178	484726	37.47	nq	96
71) Anthracene	17.78	178	505530	38.69	nq	96
72) Carbazole	18.05	167	432872	36.78	nq	# 95
73) Di-n-butylphthalate	18.58	149	516064	35.76	nq	# 93
74) Fluoranthene	19.69	202	608187	38.51	nq	94
76) Benzidine	19.86	184	268687	35.29	nq	96
77) Pyrene	20.05	202	628281	37.10	nq	94
79) Butylbenzylphthalate	20.91	149	243796	35.64	nq	92
80) Benzo(a)anthracene	21.94	228	660414	37.37	nq	94
81) 3,3'-Dichlorobenzidine	21.84	252	148990	20.79	nq	95
82) Chrysene	22.01	228	613631	36.59	nq	94
83) Bis(2-ethylhexyl)phthalate	21.80	149	338618	34.82	nq	99
84) Di-n-octyl phthalate	23.08	149	590533	34.76	nq	# 88
85) Indeno(1,2,3-cd)pyrene	29.38	276	785340	36.45	nq	# 99
87) Benzo(b)fluoranthene	24.38	252	660810	37.25	nq	96
88) Benzo(k)fluoranthene	24.38	252	660810	37.29	nq	94
89) Benzo(a)pyrene	25.25	252	644301	38.27	nq	98
90) Dibenzo(a,h)anthracene	29.43	278	664092	37.83	nq	# 98
91) Benzo(g,h,i)perylene	30.63	276	648589	37.87	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.28 min Scan# 798

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

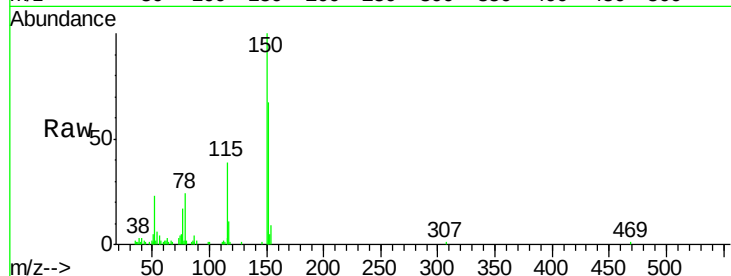
Tot Ion:152 Resp: 25456

Ion Ratio Lower Upper

152 100

150 149.3 114.0 171.0

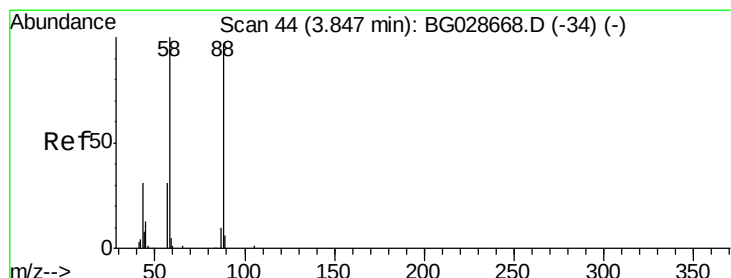
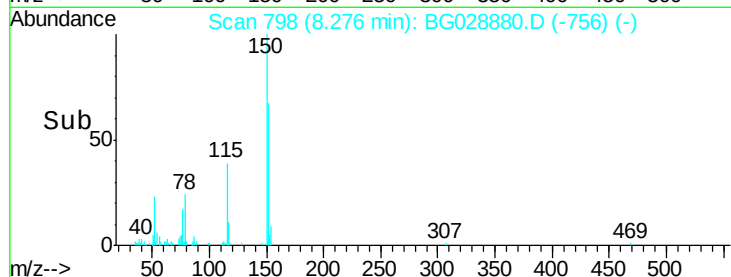
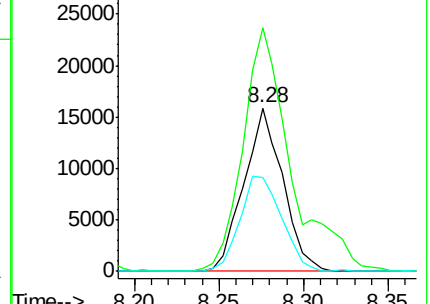
115 57.7 48.1 72.1



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: 31.94 ng

RT: 3.77 min Scan# 31

Delta R.T. -0.08 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

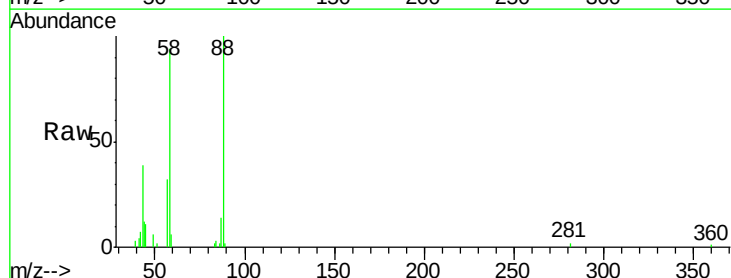
Tgt Ion: 88 Resp: 19954

Ion Ratio Lower Upper

88 100

58 101.3 79.4 119.2

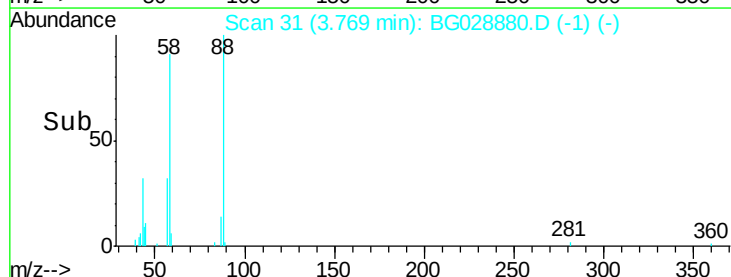
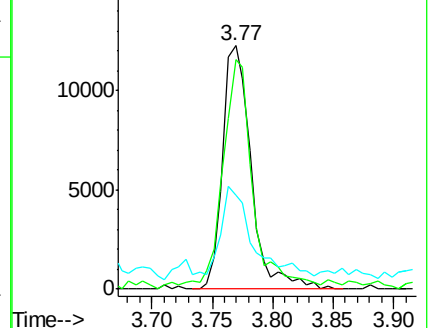
43 38.6 33.8 50.6

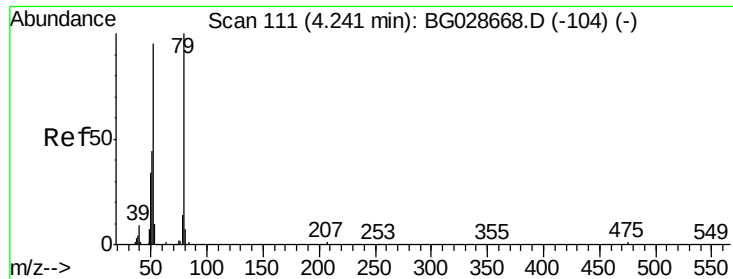


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.42 ng

RT: 4.16 min Scan# 98

Delta R.T. -0.08 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

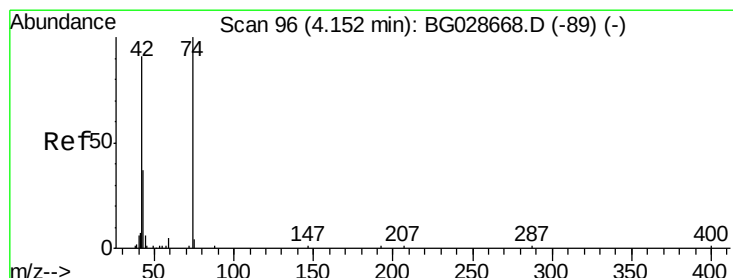
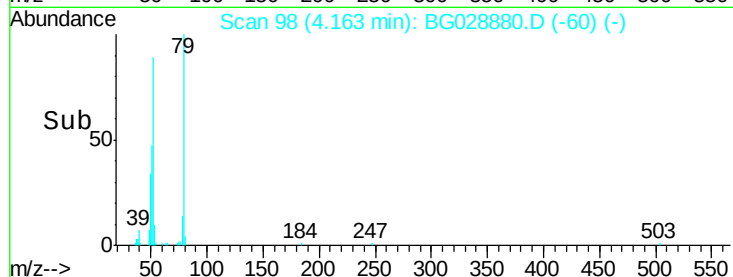
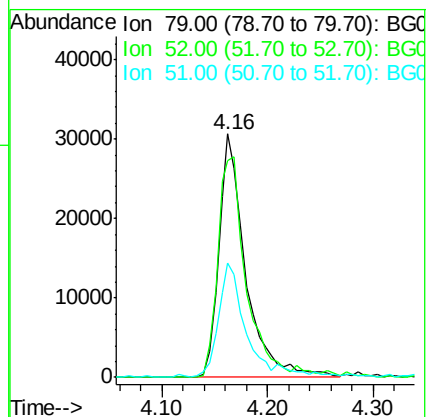
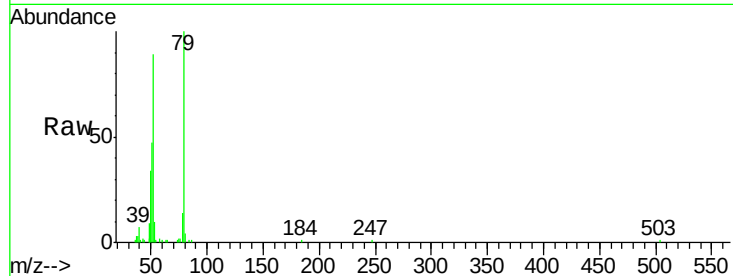
Tot Ion: 79 Resp: 54208

Ion Ratio Lower Upper

79 100

52 88.9 77.8 116.6

51 46.9 43.2 64.8



#4

n-Nitrosodimethylamine

Concen: 35.50 ng

RT: 4.08 min Scan# 84

Delta R.T. -0.07 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

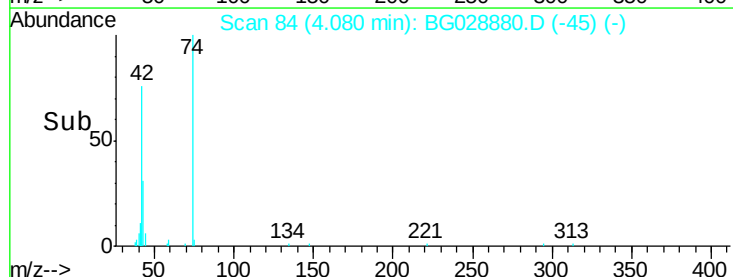
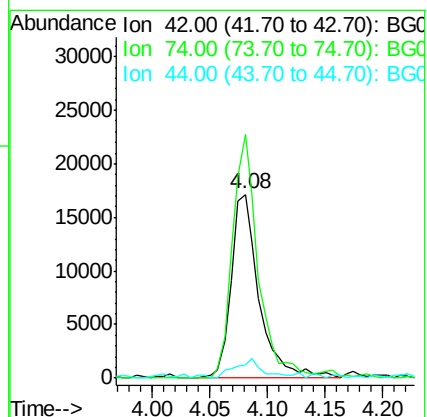
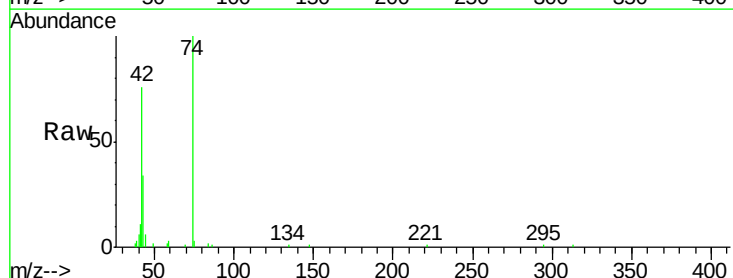
Tgt Ion: 42 Resp: 28777

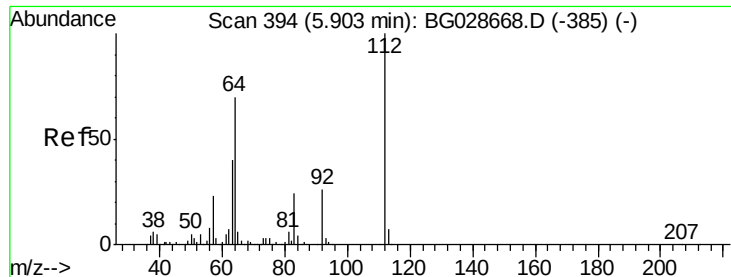
Ion Ratio Lower Upper

42 100

74 132.4 76.7 115.1#

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 122.86 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

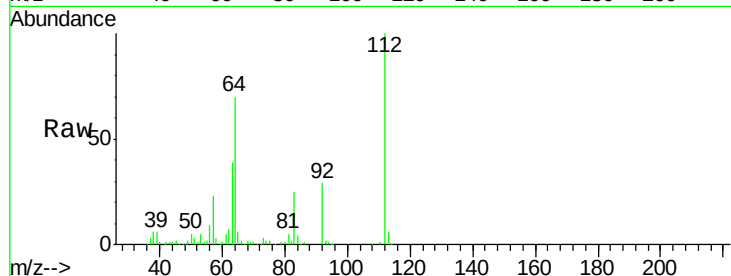
Tot Ion:112 Resp: 189541

Ion Ratio Lower Upper

112 100

64 69.8 61.8 92.6

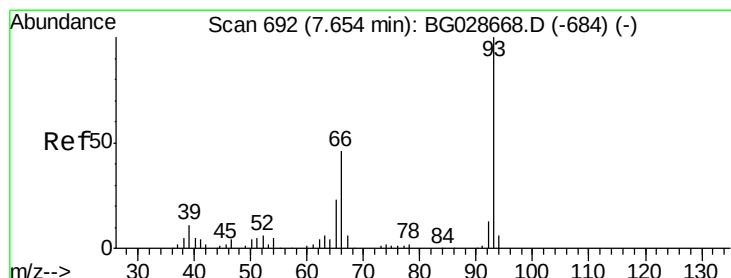
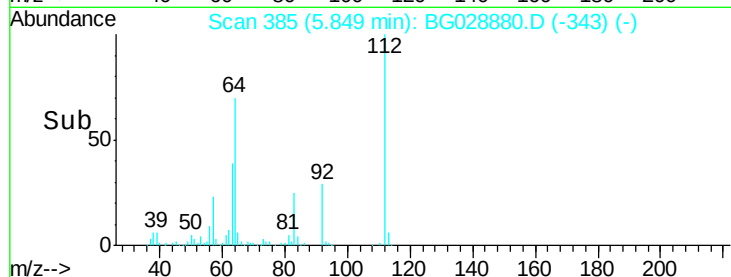
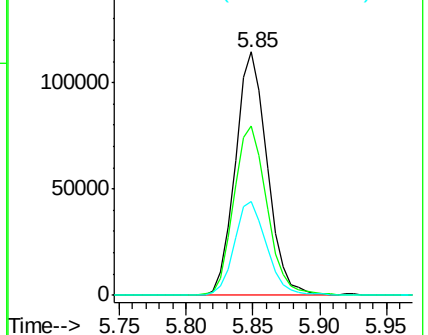
63 38.6 37.2 55.8



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: 28.60 ng

RT: 7.60 min Scan# 683

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

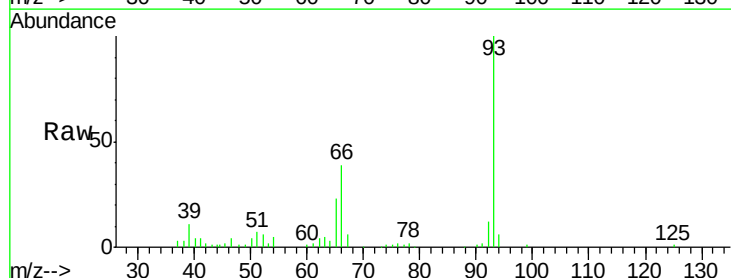
Tgt Ion: 93 Resp: 77322

Ion Ratio Lower Upper

93 100

66 38.8 35.4 53.2

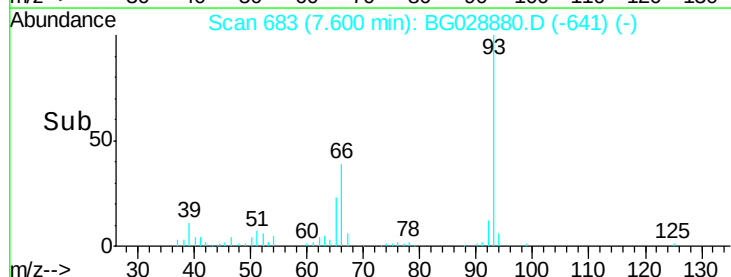
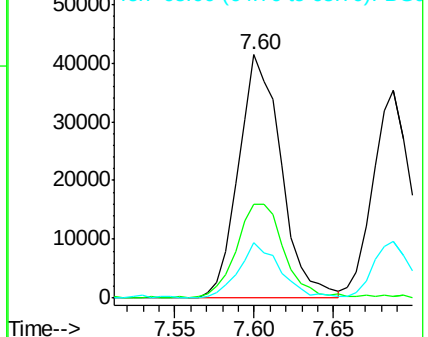
65 22.6 21.2 31.8

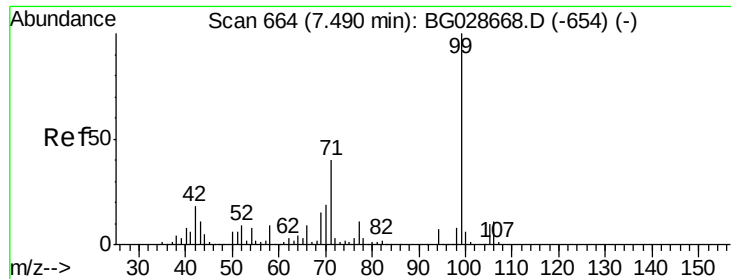


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.81 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

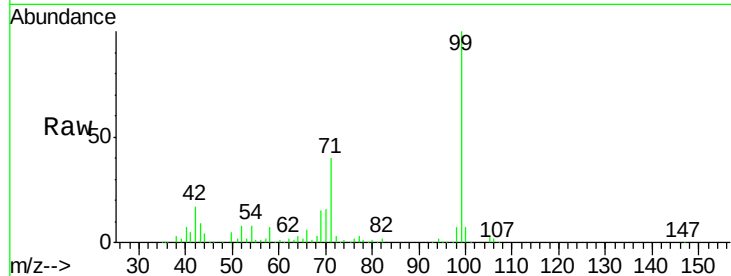
Tot Ion: 99 Resp: 278298

Ion Ratio Lower Upper

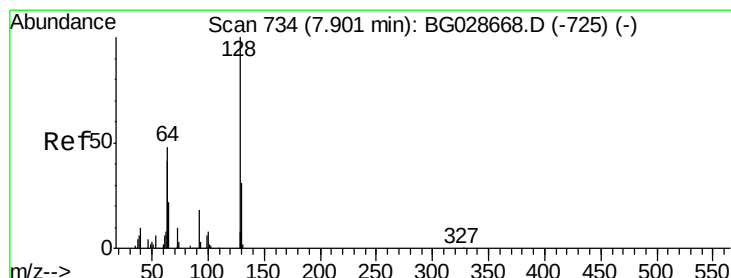
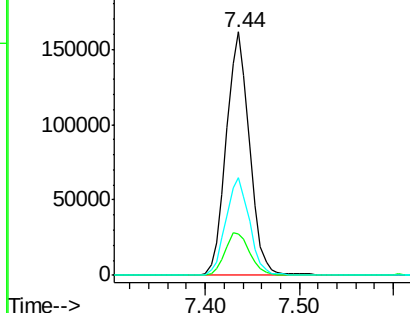
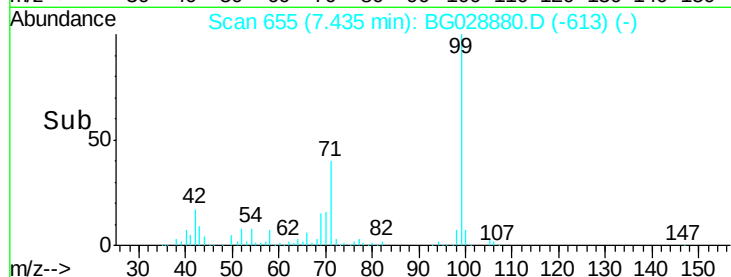
99 100

42 17.1 20.5 30.7#

71 39.9 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: 38.12 ng

RT: 7.84 min Scan# 724

Delta R.T. -0.06 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

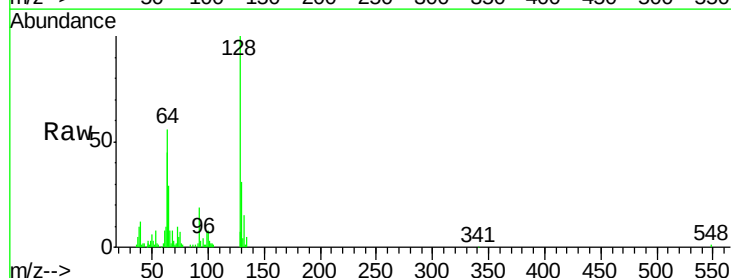
Tgt Ion:128 Resp: 65566

Ion Ratio Lower Upper

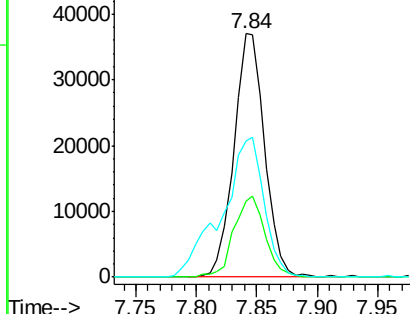
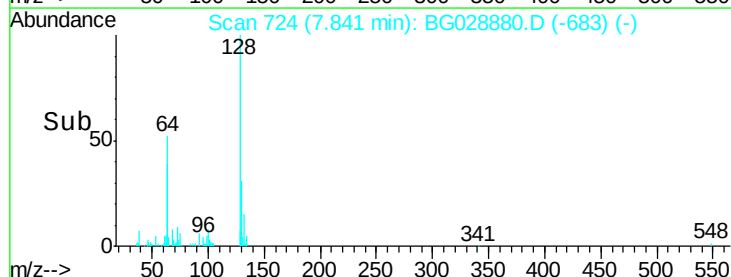
128 100

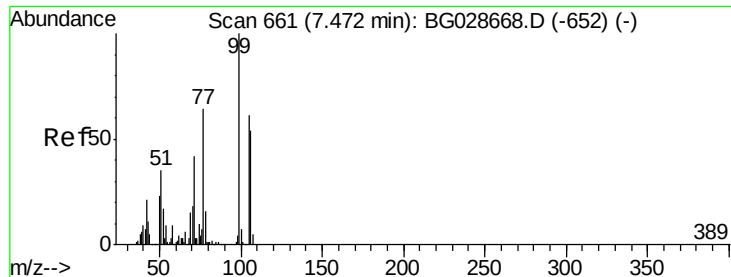
130 31.3 11.4 51.4

64 56.1 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: 15.96 ng

RT: 7.42 min Scan# 652

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

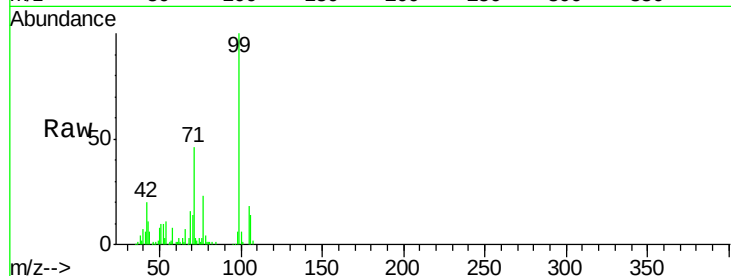
Tot Ion: 77 Resp: 22996

Ion Ratio Lower Upper

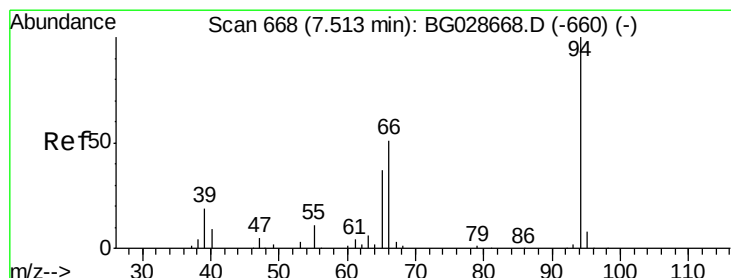
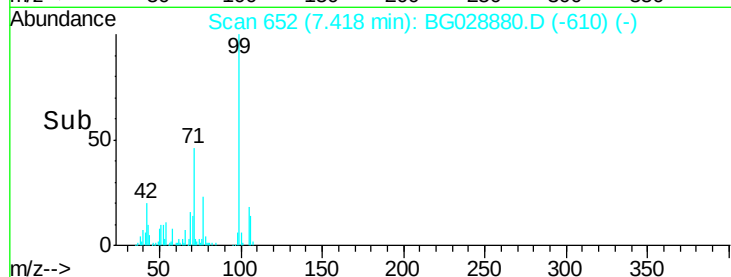
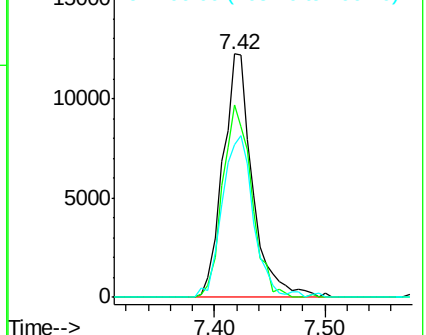
77 100

105 78.9 60.9 100.9

106 62.8 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: 38.77 ng

RT: 7.46 min Scan# 660

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

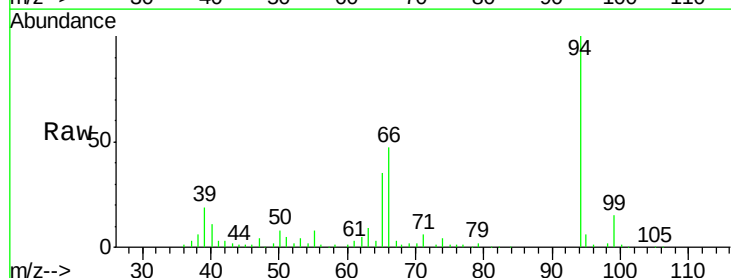
Tgt Ion: 94 Resp: 95041

Ion Ratio Lower Upper

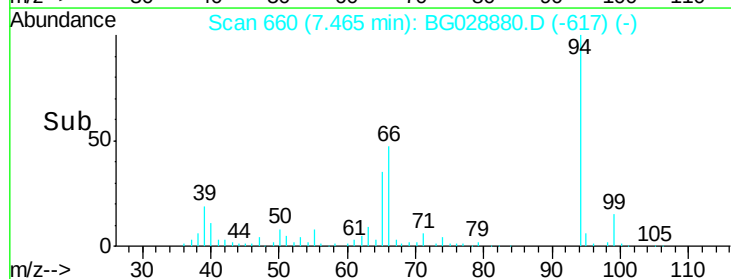
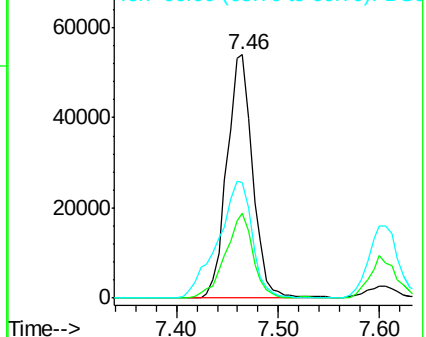
94 100

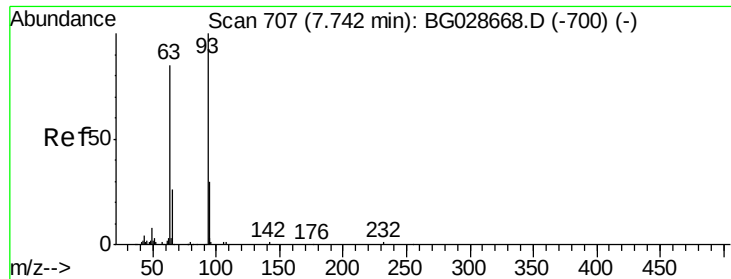
65 34.8 20.6 60.6

66 47.2 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

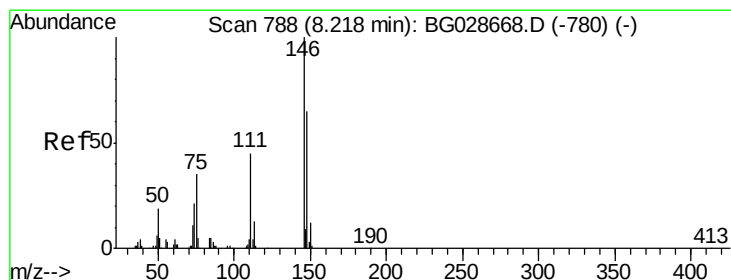
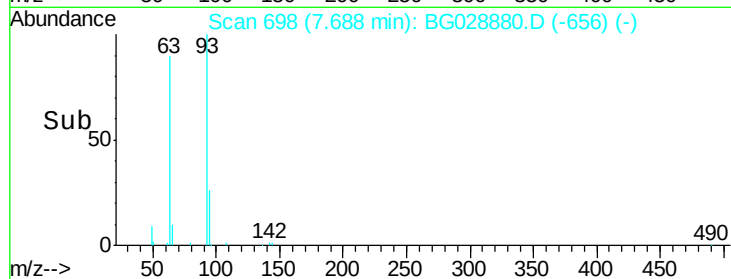
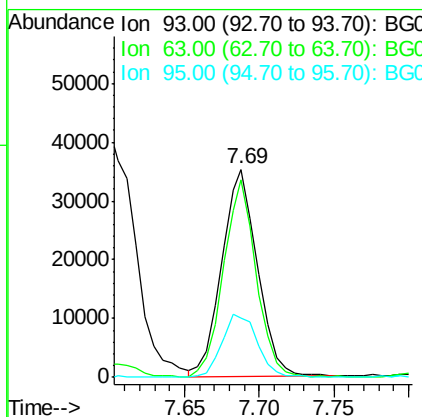
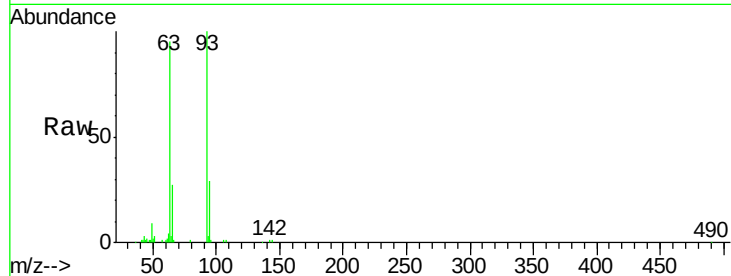




#11
bis(2-Chloroethyl)ether
Concen: 33.45 ng
RT: 7.69 min Scan# 698
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

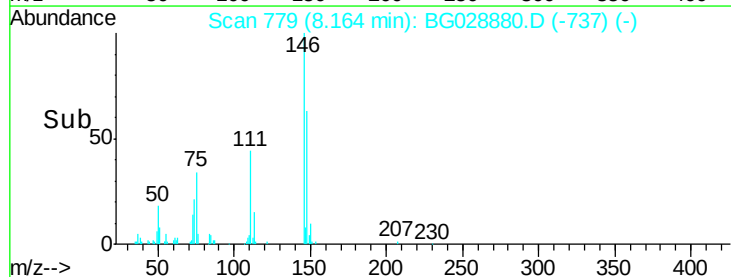
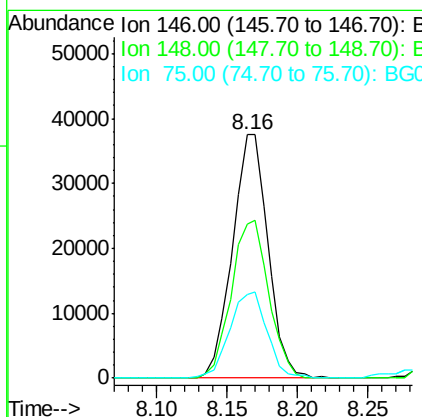
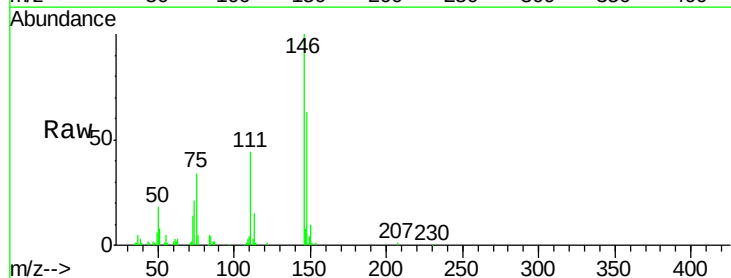
Instrument :
BNA_G
ClientSampleId :

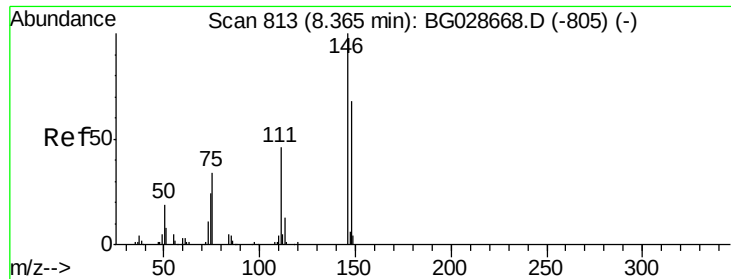
Tot Ion: 93 Resp: 58877
Ion Ratio Lower Upper
93 100
63 94.6 78.5 118.5
95 28.6 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 35.55 ng
RT: 8.16 min Scan# 779
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion: 146 Resp: 65843
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
75 34.4 33.4 50.2

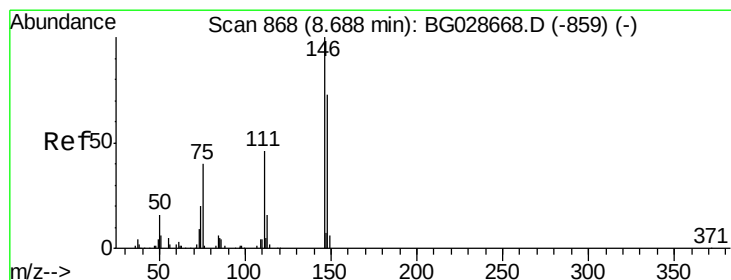
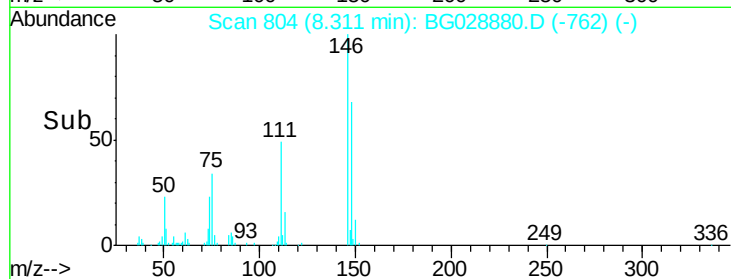
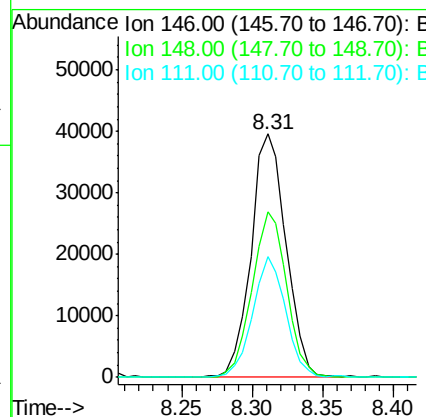
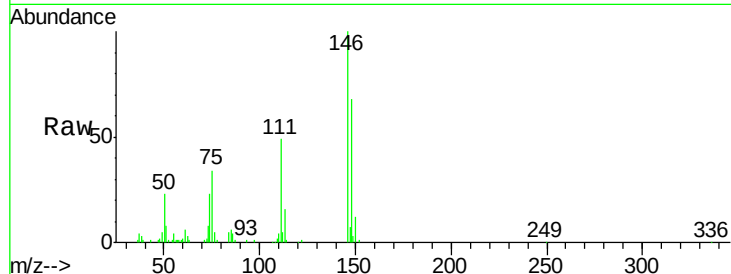




#13
 1,4-Dichlorobenzene
 Concen: 36.23 ng
 RT: 8.31 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

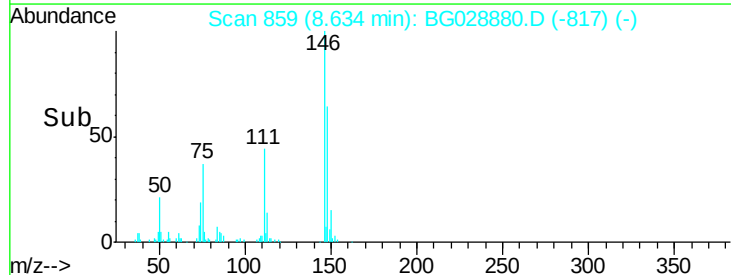
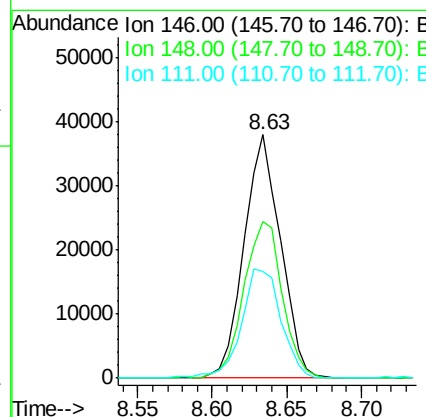
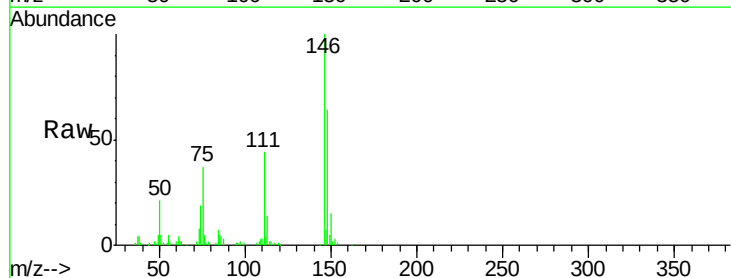
Instrument :
 BNA_G
 ClientSampleId :

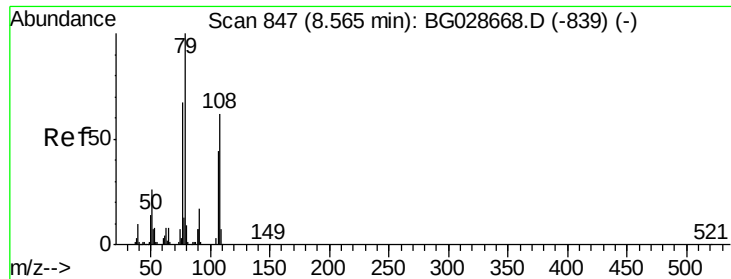
Tot Ion:146 Resp: 68996
 Ion Ratio Lower Upper
 146 100
 148 68.1 52.2 78.2
 111 49.4 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 34.17 ng
 RT: 8.63 min Scan# 859
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion:146 Resp: 64277
 Ion Ratio Lower Upper
 146 100
 148 64.1 54.6 81.8
 111 43.9 39.7 59.5





#15

Benzyl Alcohol

Concen: 33.83 ng

RT: 8.52 min Scan# 839

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

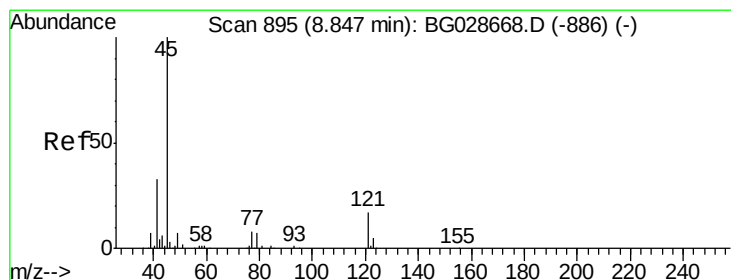
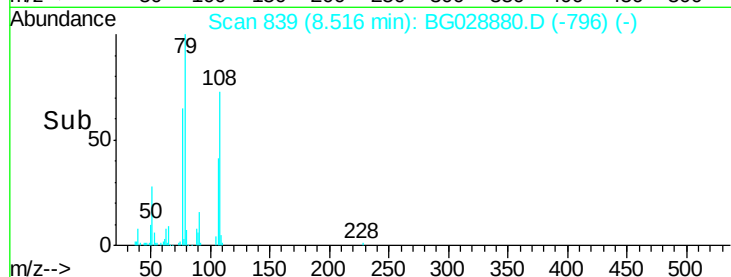
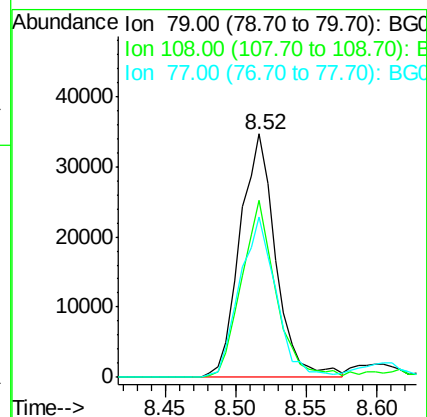
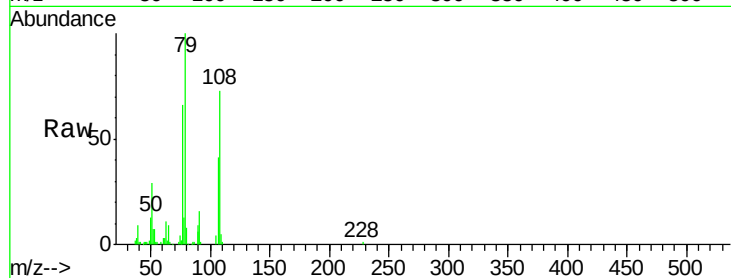
Tot Ion: 79 Resp: 61342

Ion Ratio Lower Upper

79 100

108 73.0 45.5 68.3#

77 65.8 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.48 ng

RT: 8.79 min Scan# 885

Delta R.T. -0.06 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

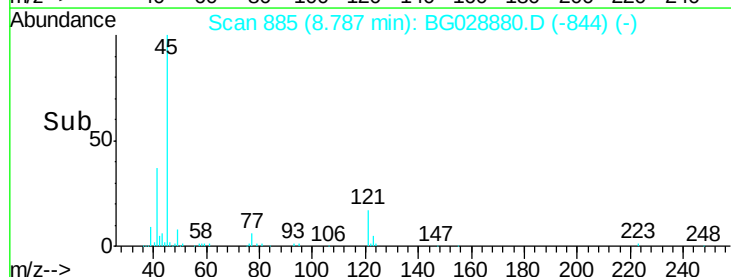
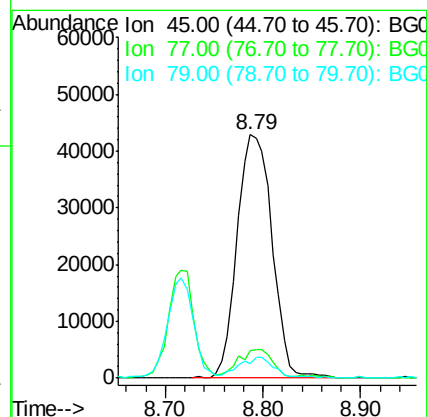
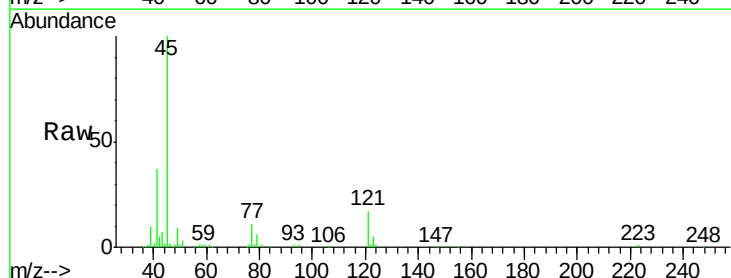
Tgt Ion: 45 Resp: 107099

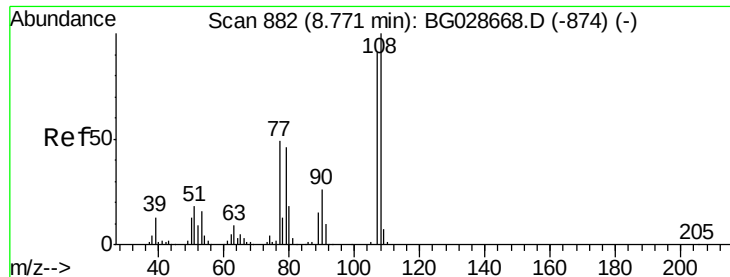
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.6

79 6.1 0.0 28.5

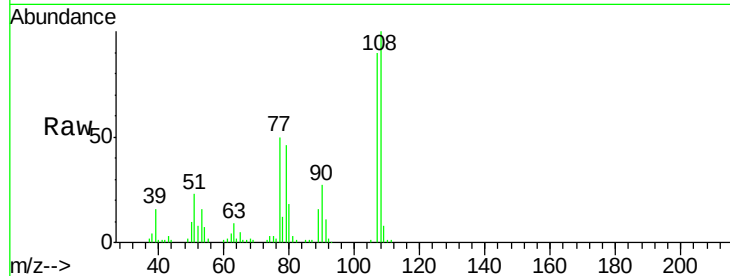




#17
2-Methylphenol
Concen: 39.53 ng
RT: 8.72 min Scan# 873
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	85.6	128.4
77	55.5	51.4	77.2
79	51.6	49.2	73.8



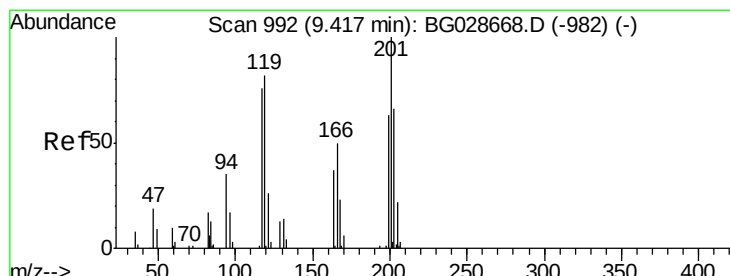
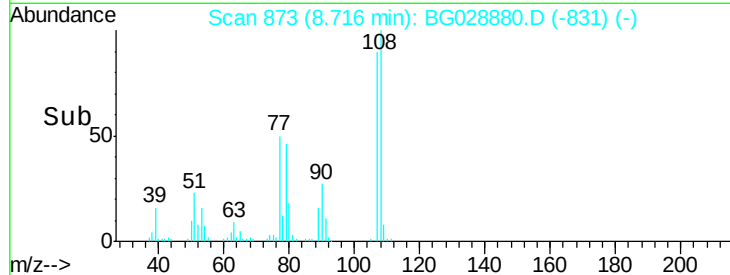
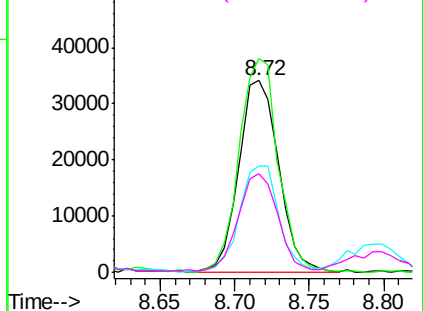
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

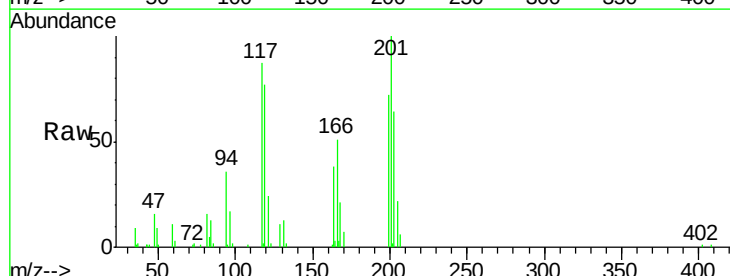
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.96 ng
RT: 9.36 min Scan# 982
Delta R.T. -0.06 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.6	69.8	104.6
201	117.4	95.4	143.0

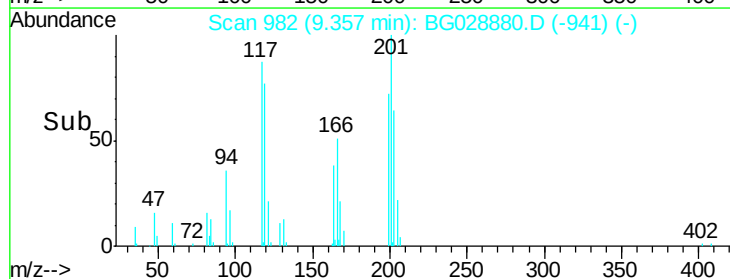
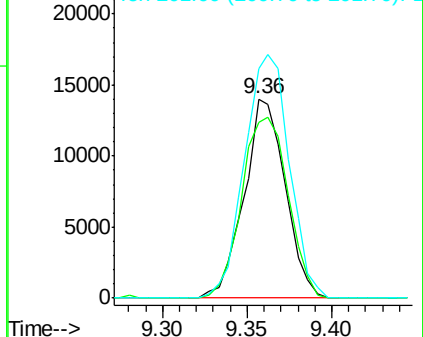


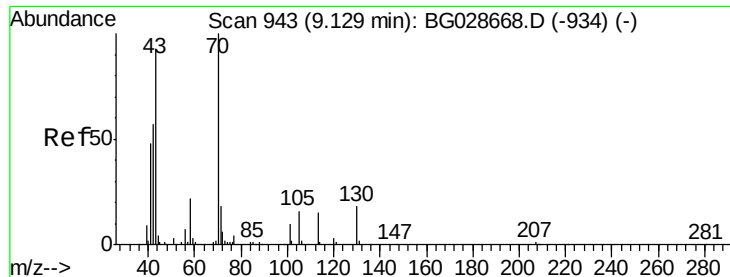
Abundance

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

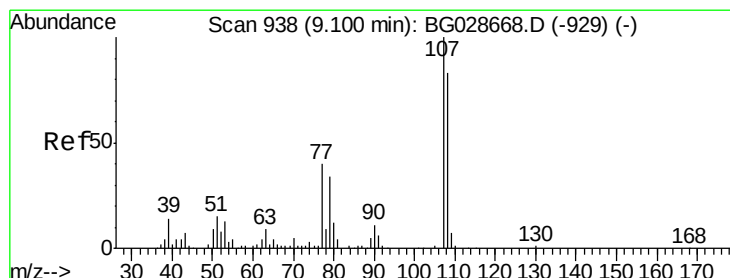
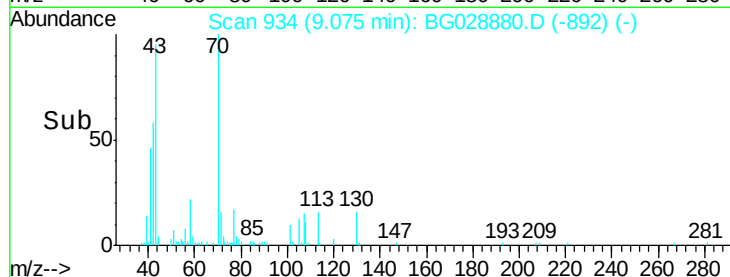
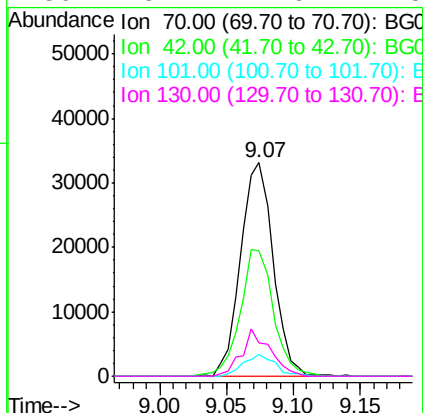
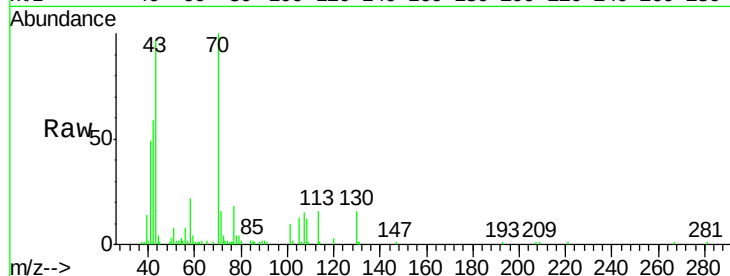




#19
n-Nitroso-di-n-propylamine
Concen: 33.91 ng
RT: 9.07 min Scan# 934
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

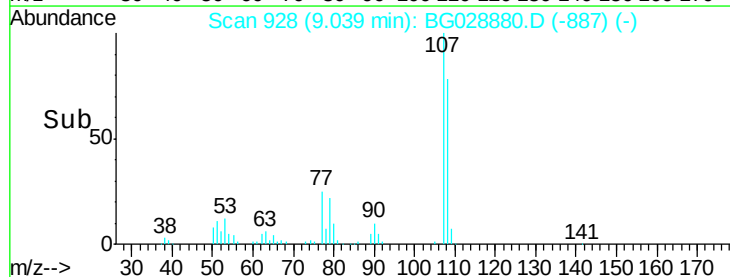
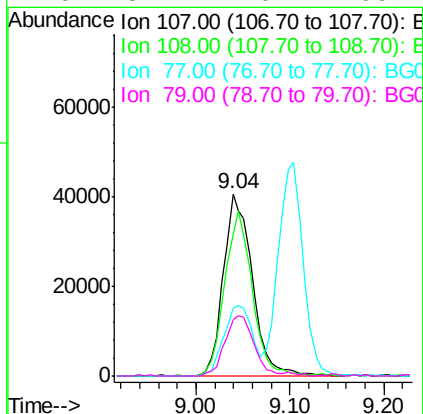
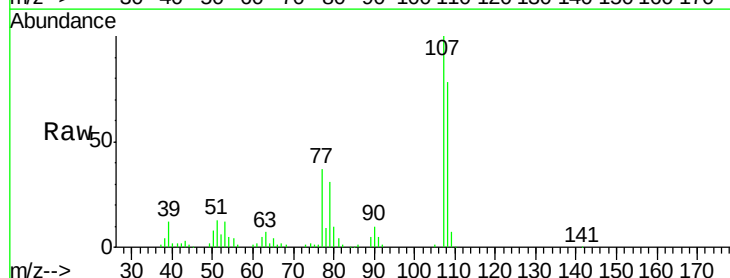
Instrument :
BNA_G
ClientSampleId :

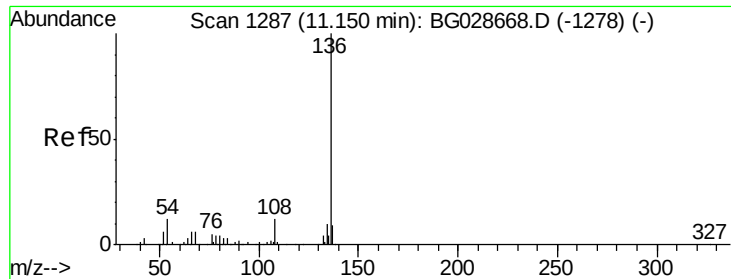
Tot Ion:	70	Resp:	55840
Ion	Ratio	Lower	Upper
70	100		
42	58.7	56.1	84.1
101	10.4	7.5	11.3
130	15.7	14.6	21.8



#20
3+4-Methylphenols
Concen: 38.64 ng
RT: 9.04 min Scan# 928
Delta R.T. -0.06 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:	107	Resp:	86586
Ion	Ratio	Lower	Upper
107	100		
108	78.3	70.8	110.8
77	37.1	25.8	65.8
79	31.1	20.1	60.1

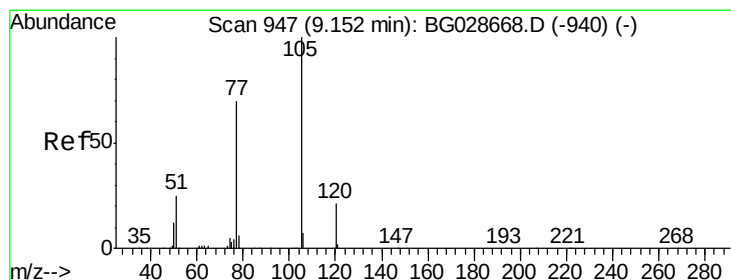
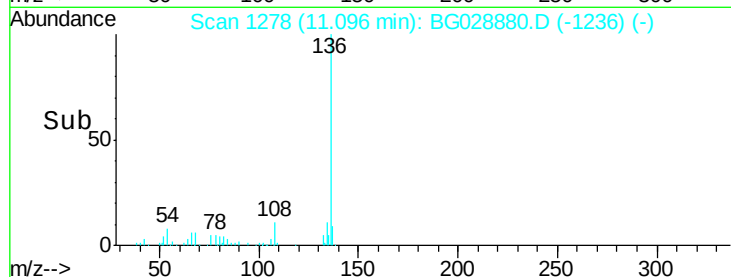
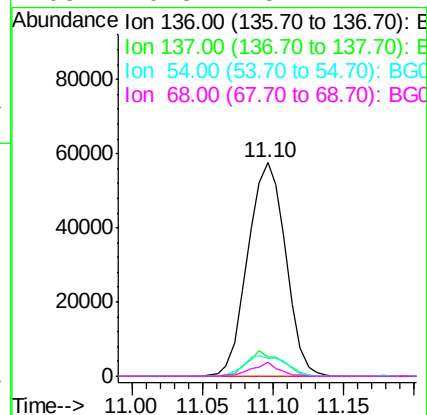
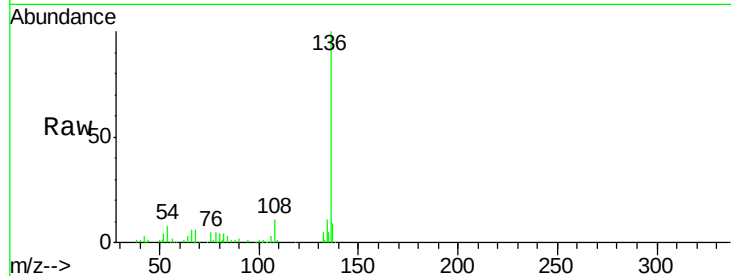




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

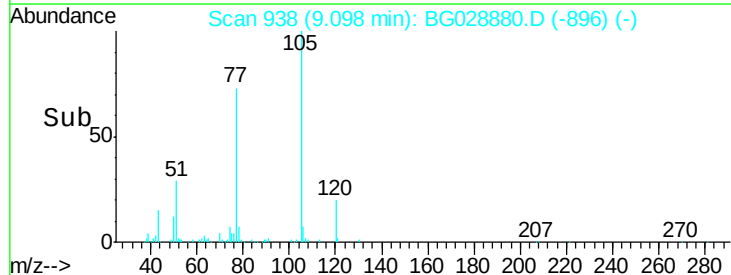
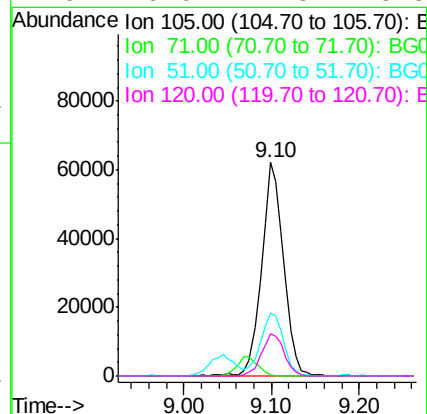
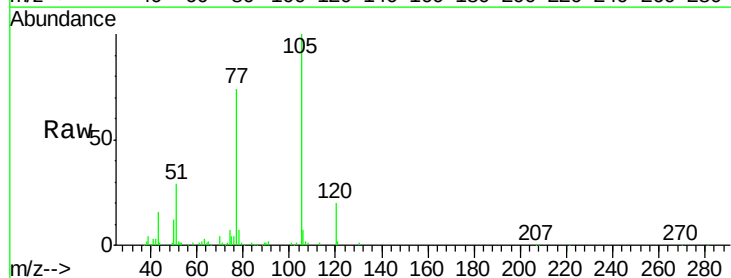
Instrument :
BNA_G
ClientSampleId :

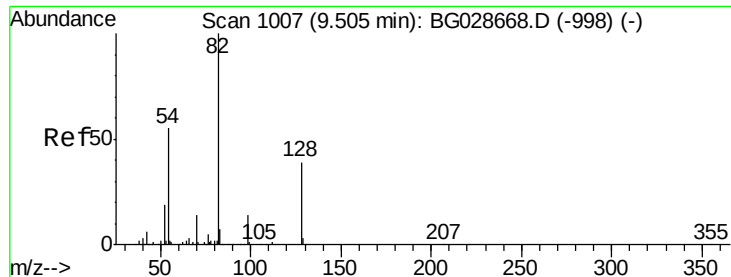
Tot Ion:136	Resp:	108000
Ion Ratio	Lower	Upper
136	100	
137	8.7	8.9 13.3#
54	8.1	9.3 13.9#
68	6.3	5.1 7.7



#22
Acetophenone
Concen: 34.09 ng
RT: 9.10 min Scan# 938
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:105	Resp:	107661
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.9 1.3#
51	29.2	34.0 51.0#
120	20.0	17.3 25.9

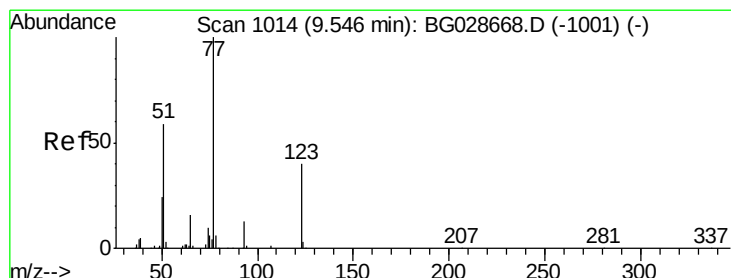
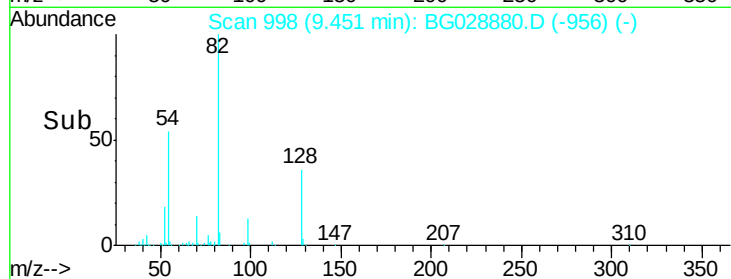
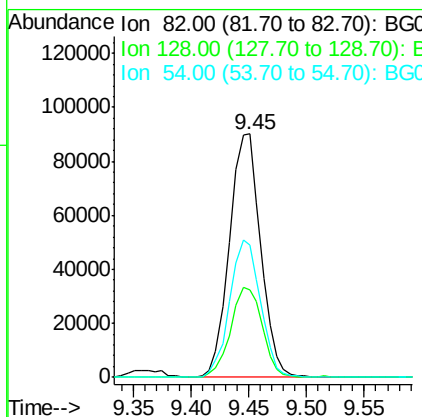
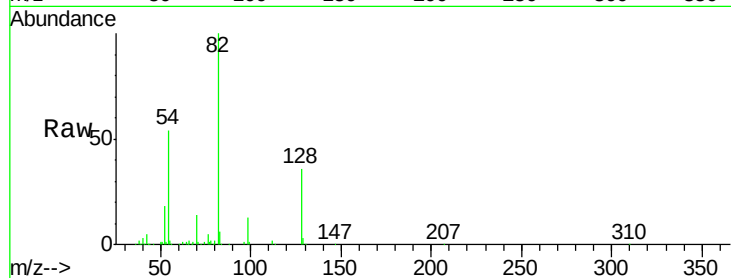




#23
 Nitrobenzene-d5
 Concen: 74.93 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

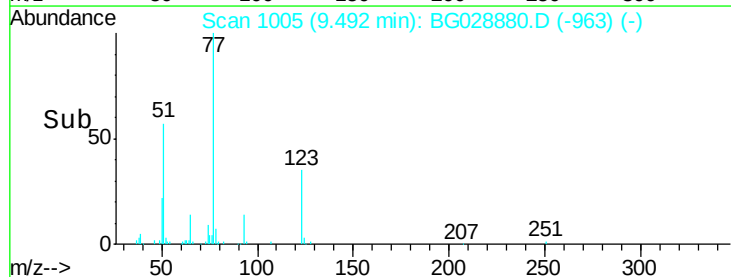
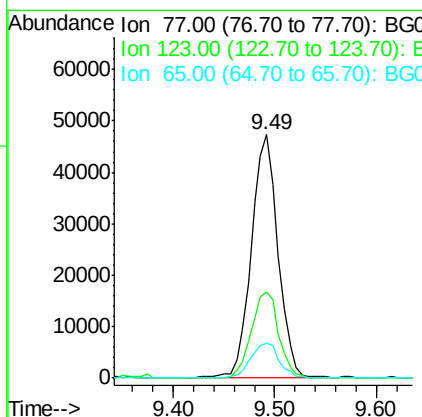
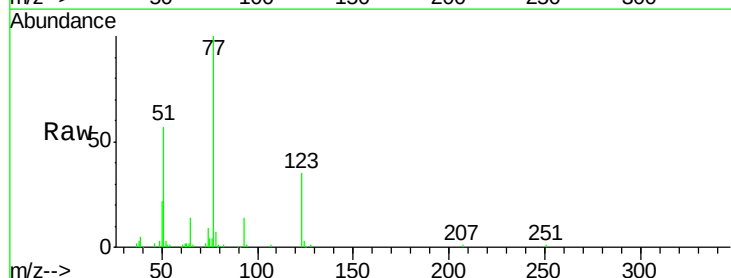
Instrument :
 BNA_G
 ClientSampled :

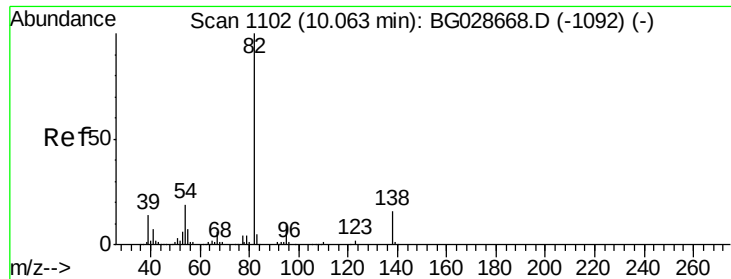
Tot Ion	82	Resp	169166
Ion Ratio	Lower	Upper	
82	100		
128	36.2	26.4	39.6
54	54.5	49.4	74.2



#24
 Nitrobenzene
 Concen: 34.47 ng
 RT: 9.49 min Scan# 1005
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion	77	Resp	86175
Ion Ratio	Lower	Upper	
77	100		
123	35.2	26.1	39.1
65	14.3	12.4	18.6





#25

Isophorone

Concen: 34.64 ng

RT: 10.01 min Scan# 1093

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

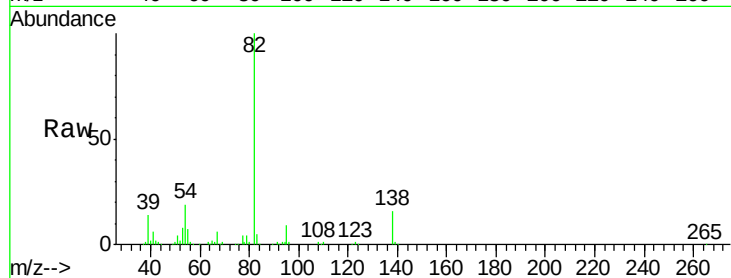
Tot Ion: 82 Resp: 158242

Ion Ratio Lower Upper

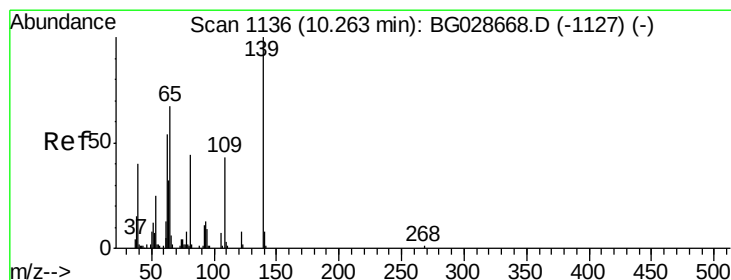
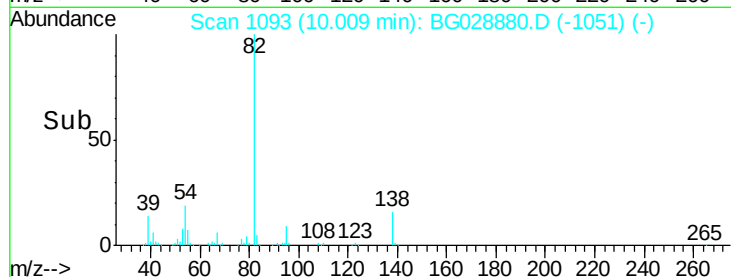
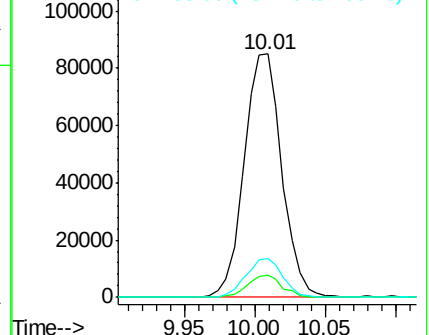
82 100

95 9.2 7.5 11.3

138 15.9 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: 35.08 ng

RT: 10.20 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

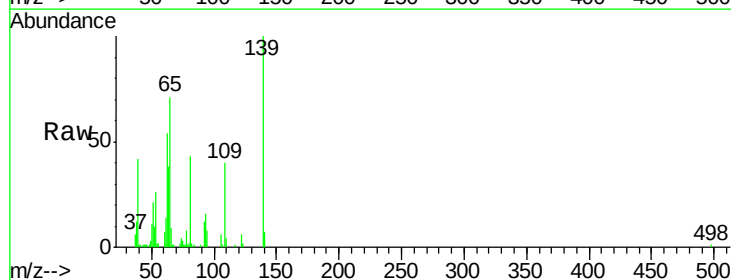
Tgt Ion: 139 Resp: 37323

Ion Ratio Lower Upper

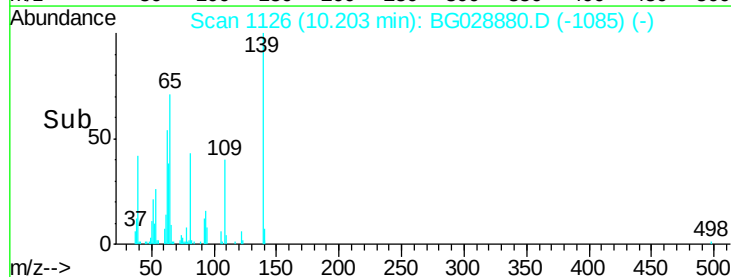
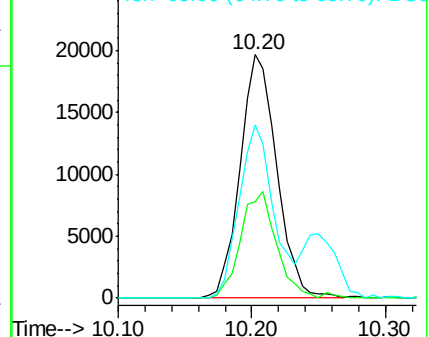
139 100

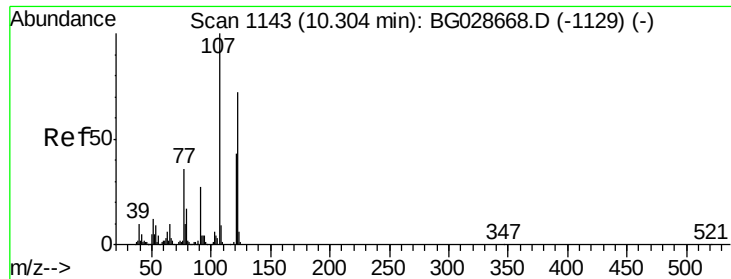
109 39.7 38.6 58.0

65 71.3 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

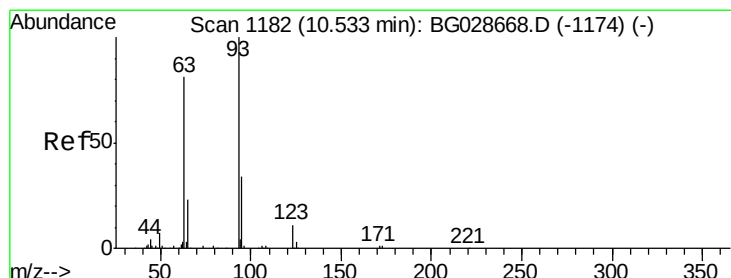
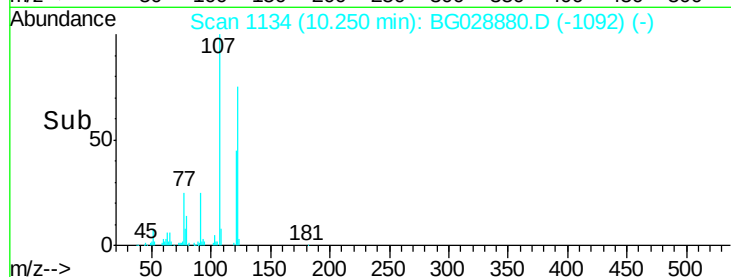
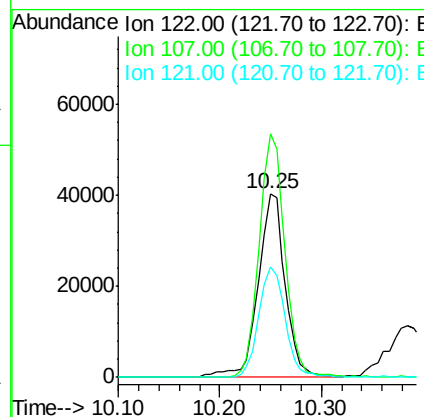
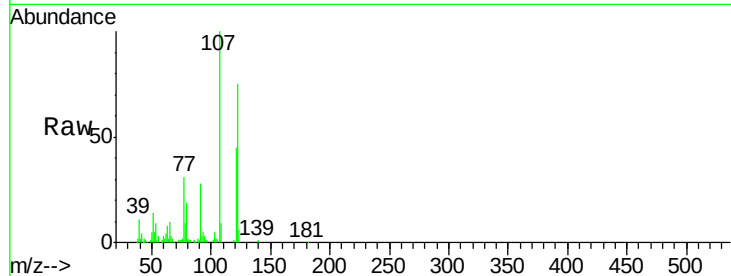




#27
 2,4-Dimethylphenol
 Concen: 38.27 ng
 RT: 10.25 min Scan# 1134
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

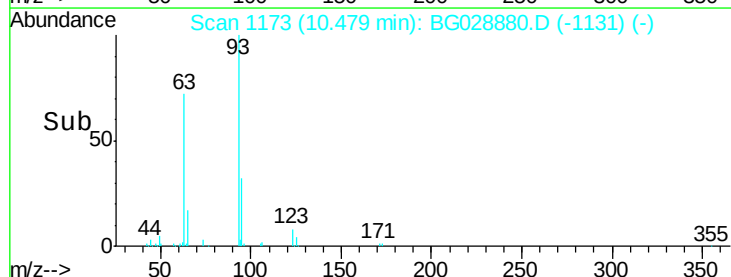
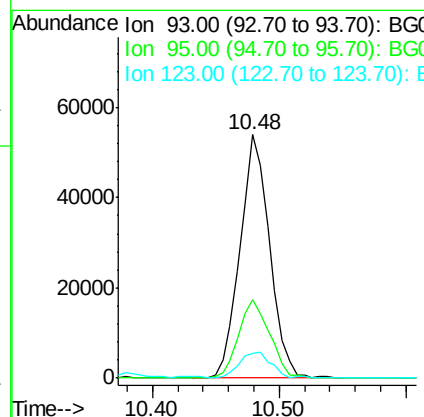
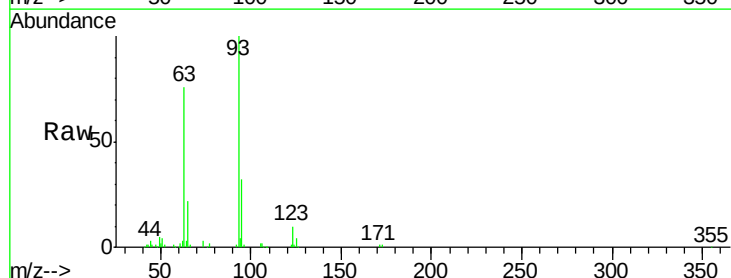
Instrument :
 BNA_G
 ClientSampleId :

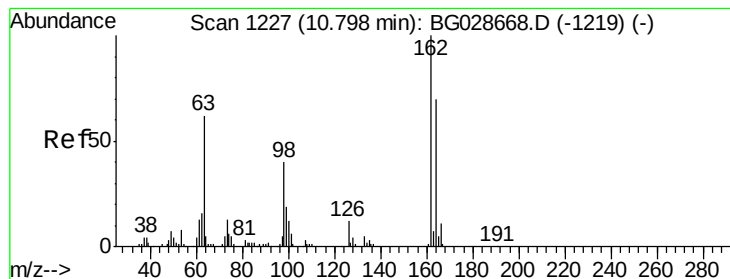
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.7	104.2	156.4
121	60.1	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.15 ng
 RT: 10.48 min Scan# 1173
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.7	38.5
123	10.1	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 39.68 ng

RT: 10.75 min Scan# 1219

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

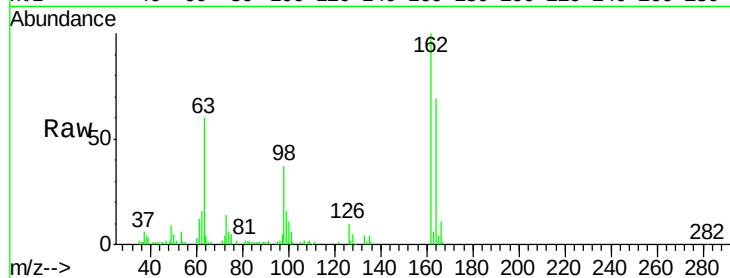
Tot Ion:162 Resp: 76790

Ion Ratio Lower Upper

162 100

164 68.9 42.4 82.4

98 37.3 20.3 60.3

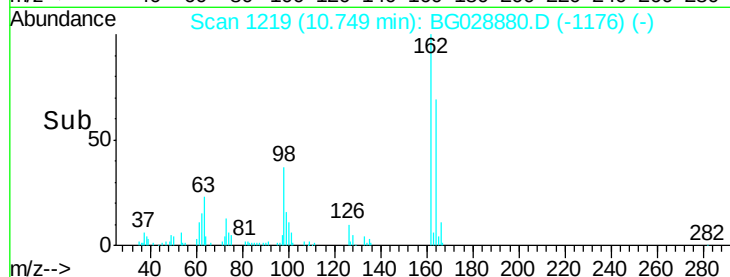


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



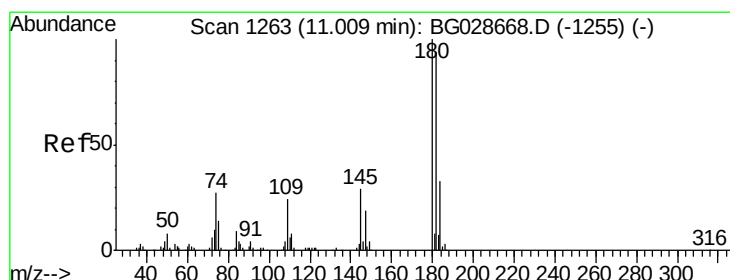
Abundance

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

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 34.93 ng

RT: 10.95 min Scan# 1254

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

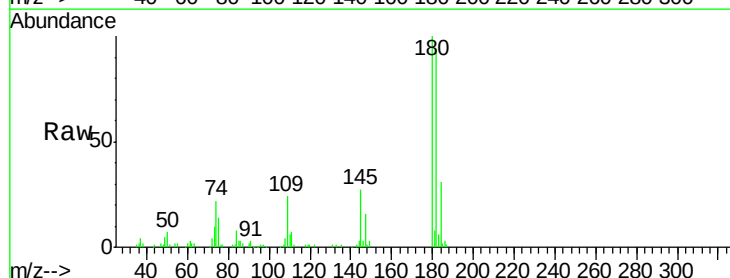
Tgt Ion:180 Resp: 77118

Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.4

145 26.7 23.4 35.0

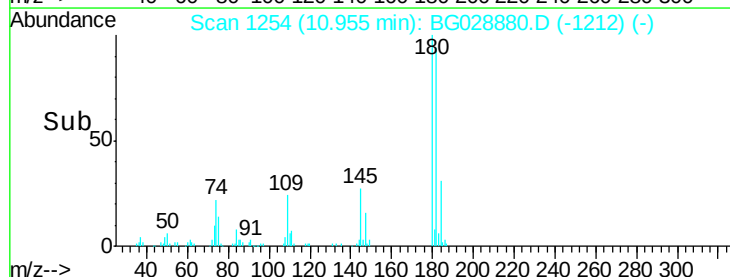


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



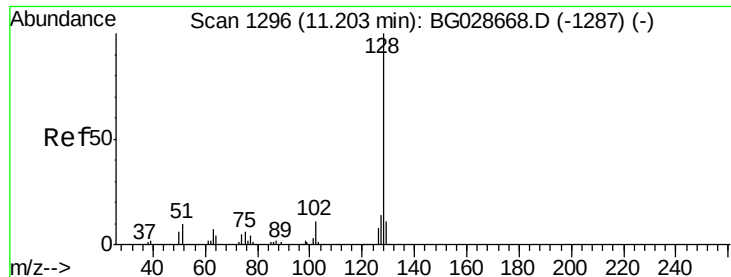
Abundance

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

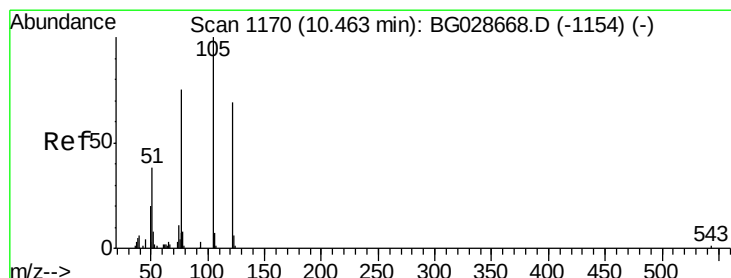
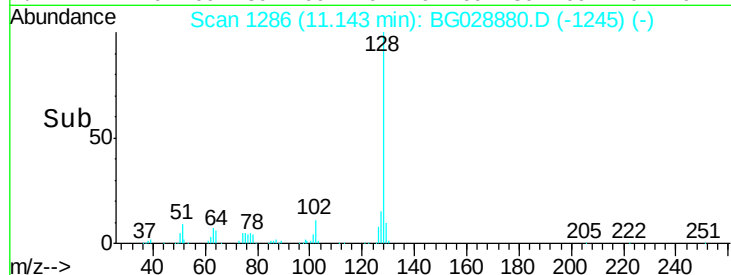
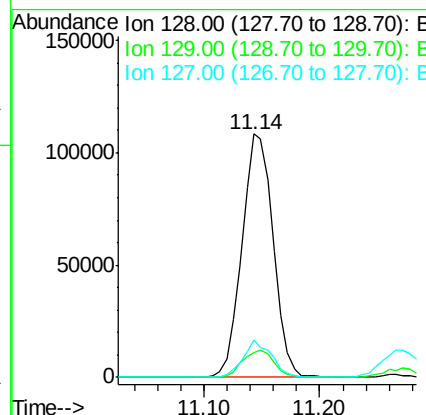
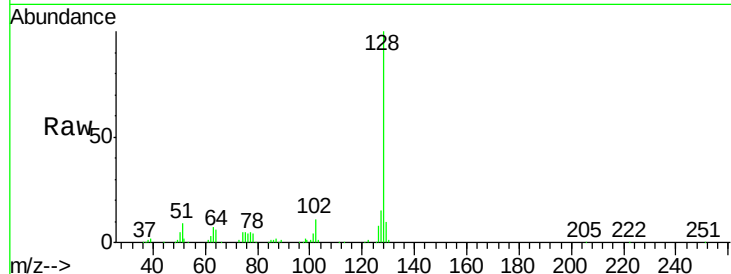
Time-->



#31
Naphthalene
Concen: 35.93 ng
RT: 11.14 min Scan# 1286
Delta R.T. -0.06 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

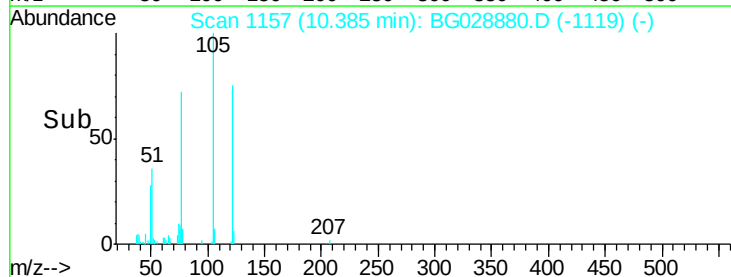
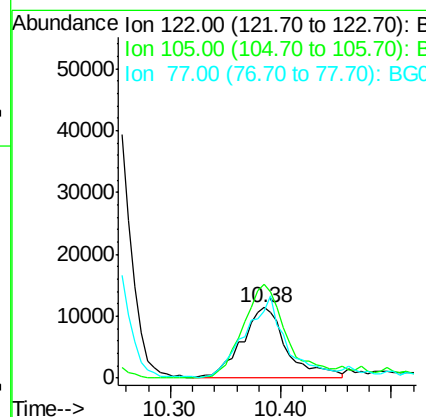
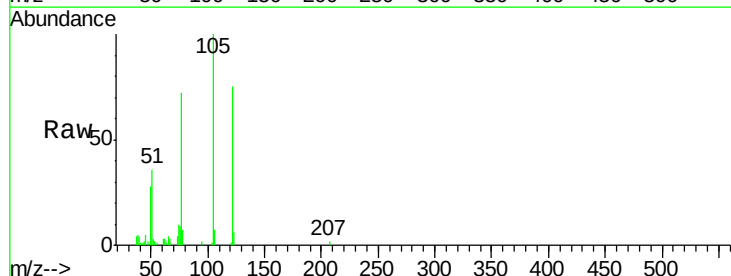
Instrument :
BNA_G
ClientSampled :

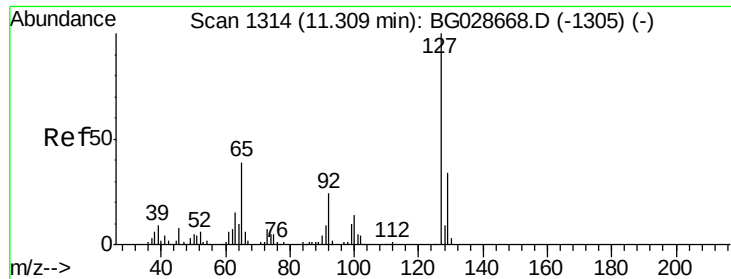
Tot Ion:128	Resp:	202651
Ion Ratio	Lower	Upper
128	100	
129	9.9	9.3 13.9
127	15.4	11.4 17.0



#32
Benzoic acid
Concen: 26.73 ng
RT: 10.38 min Scan# 1157
Delta R.T. -0.08 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:122	Resp:	32651
Ion Ratio	Lower	Upper
122	100	
105	132.5	120.1 160.1
77	94.9	104.6 144.6

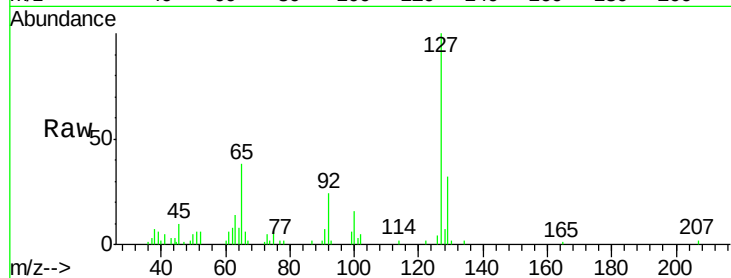




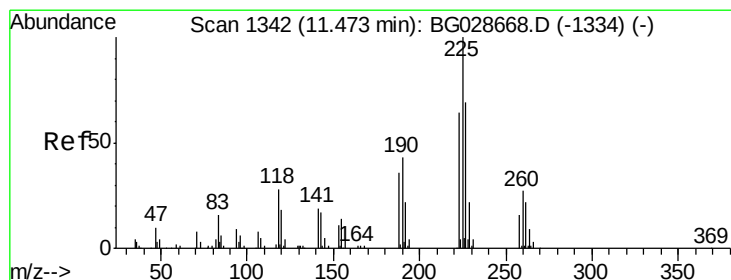
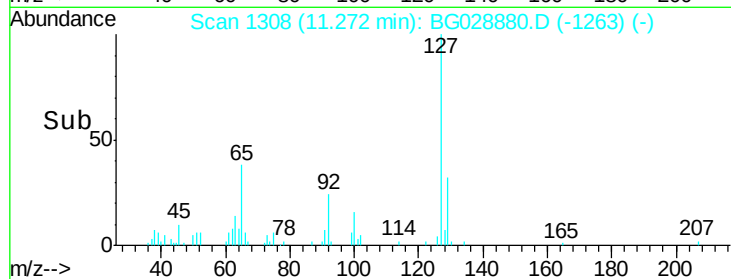
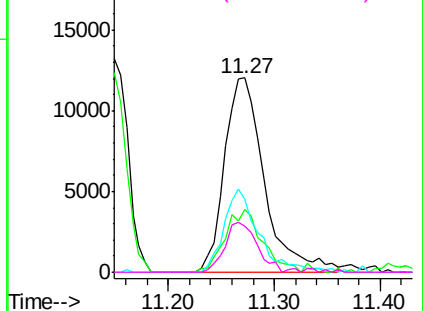
#33
4-Chloroaniline
Concen: 13.33 ng
RT: 11.27 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	31496
Ion	Ratio	Lower	Upper
127	100		
129	32.4	23.6	35.4
65	37.6	37.7	56.5#
92	23.8	17.6	26.4

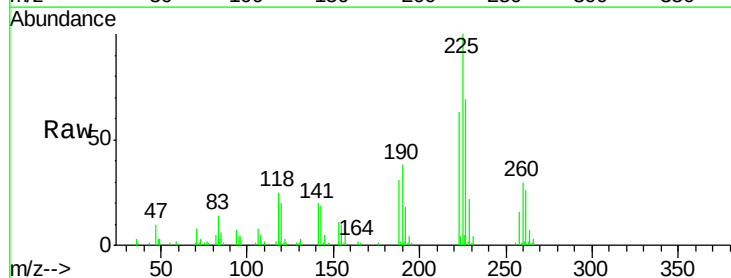


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

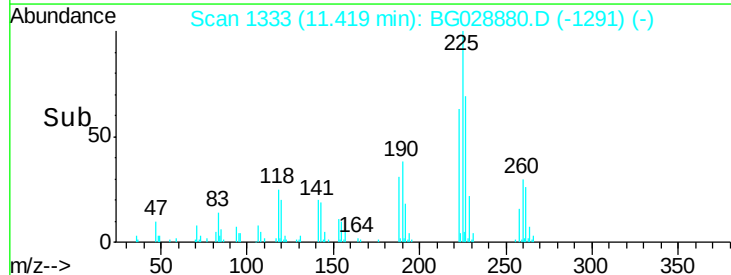
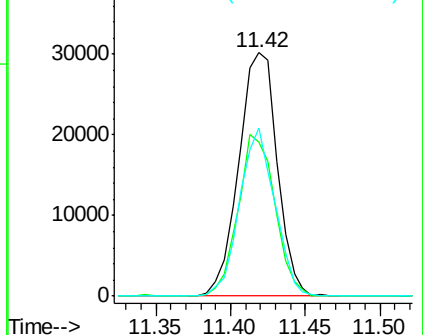


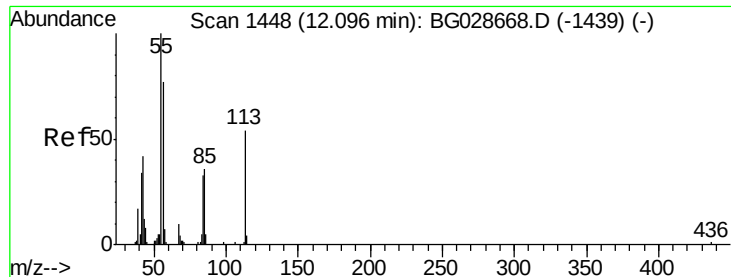
#34
Hexachlorobutadiene
Concen: 33.01 ng
RT: 11.42 min Scan# 1333
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:	225	Resp:	53673
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	69.0	49.0	73.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

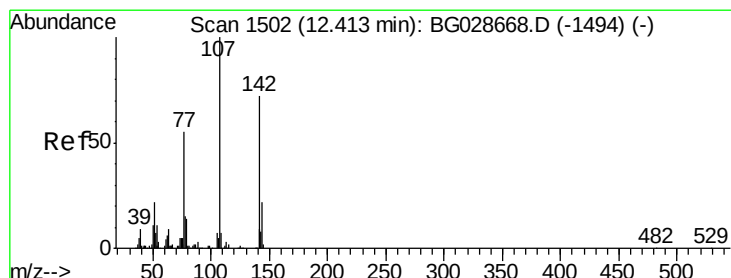
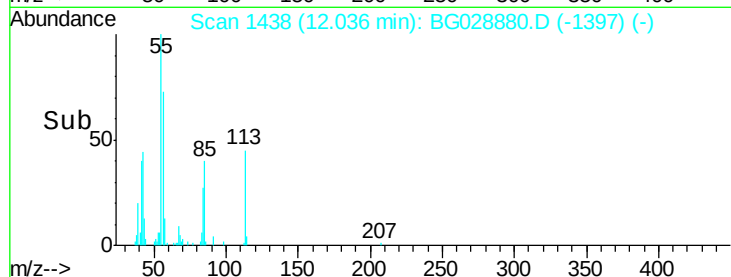
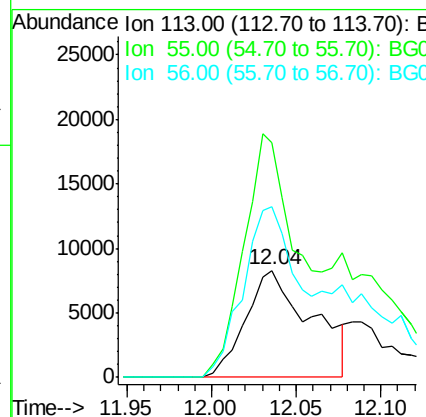
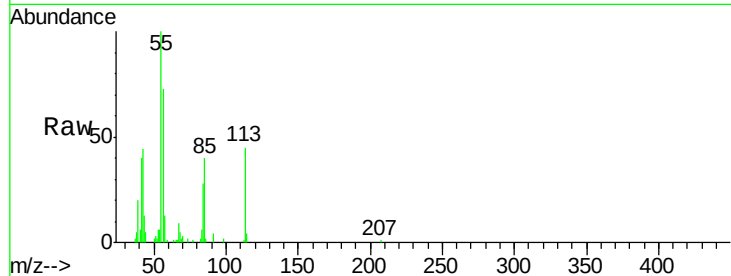




#35
 Caprolactam
 Concen: 32.19 ng
 RT: 12.04 min Scan# 1438
 Delta R.T. -0.06 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

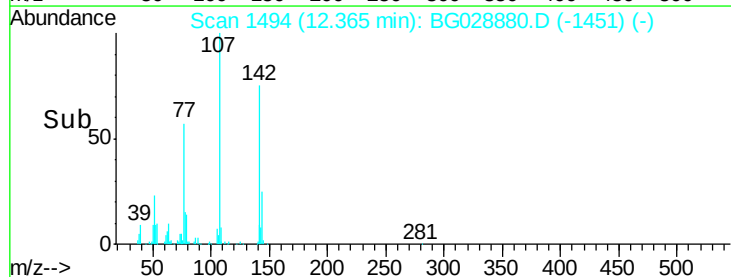
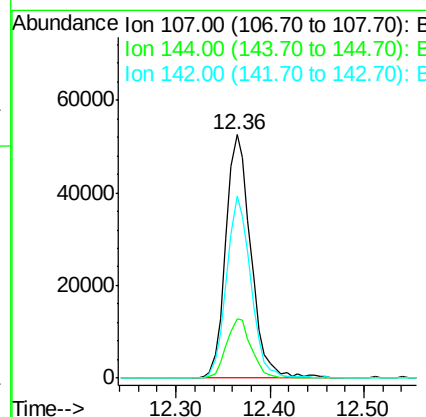
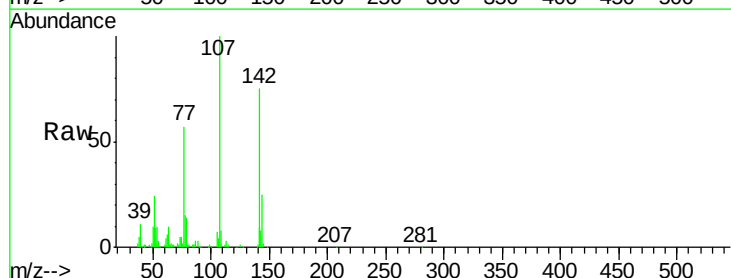
Instrument :
 BNA_G
 ClientSampleId :

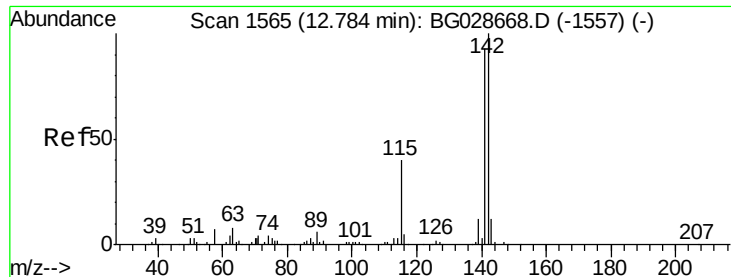
Tot Ion:113 Resp: 22338
 Ion Ratio Lower Upper
 113 100
 55 220.6 198.6 238.6
 56 159.9 140.4 180.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.91 ng
 RT: 12.36 min Scan# 1494
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion:107 Resp: 98000
 Ion Ratio Lower Upper
 107 100
 144 24.6 17.4 26.0
 142 75.0 54.1 81.1

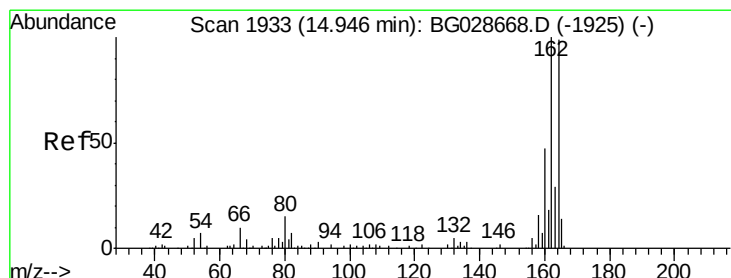
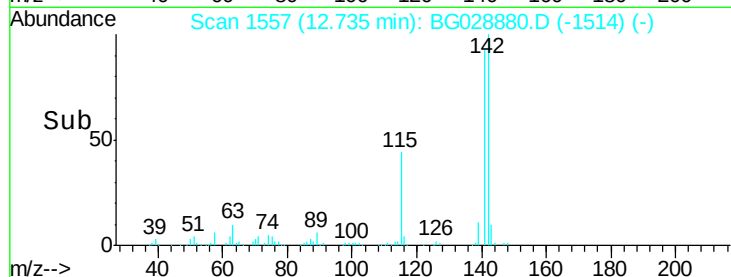
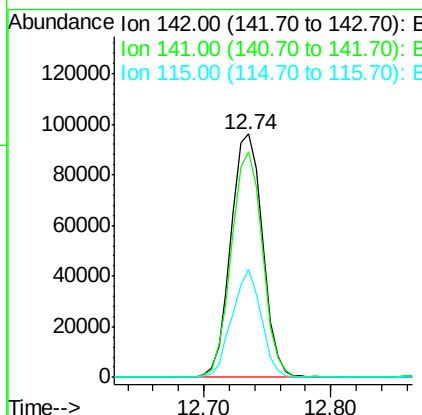
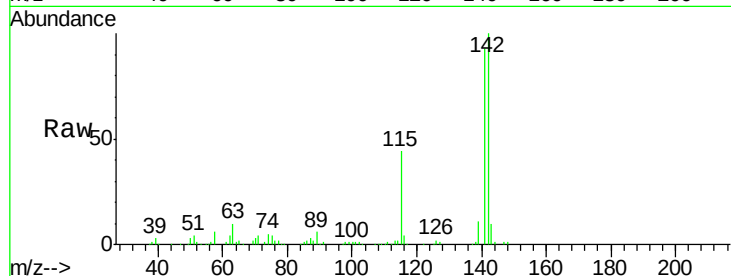




#37
2-Methylnaphthalene
Concen: 39.45 ng
RT: 12.74 min Scan# 1557
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

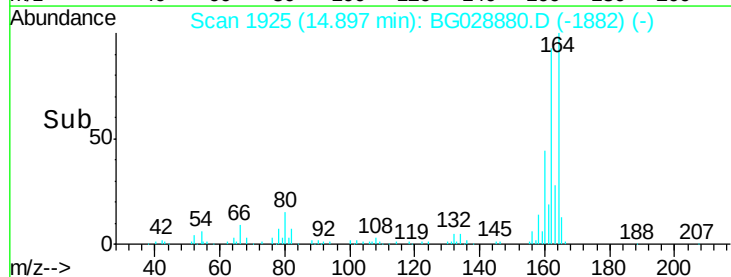
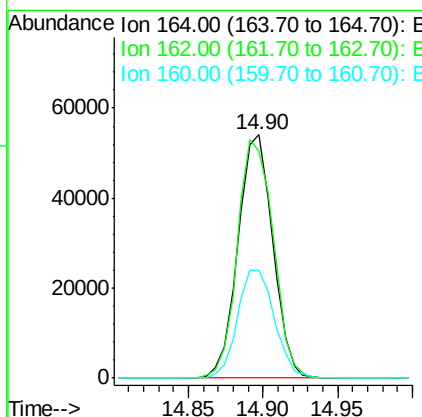
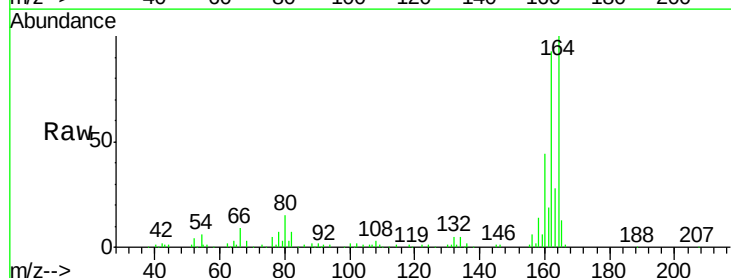
Instrument :
BNA_G
ClientSampleId :

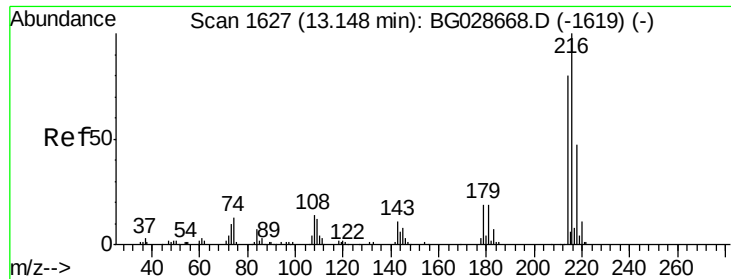
Tot Ion:142 Resp: 166121
Ion Ratio Lower Upper
142 100
141 92.6 70.4 105.6
115 44.4 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:164 Resp: 87481
Ion Ratio Lower Upper
164 100
162 93.1 85.1 127.7
160 44.1 34.7 52.1

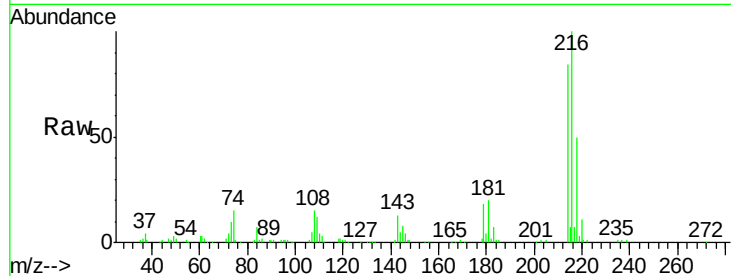




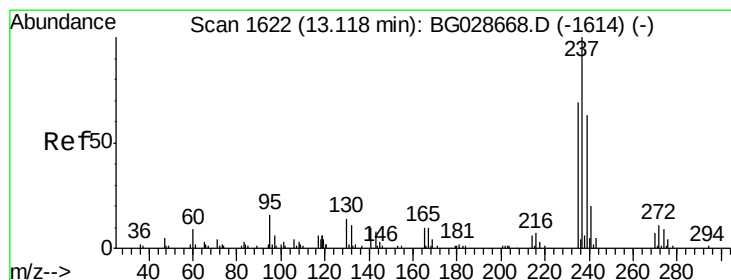
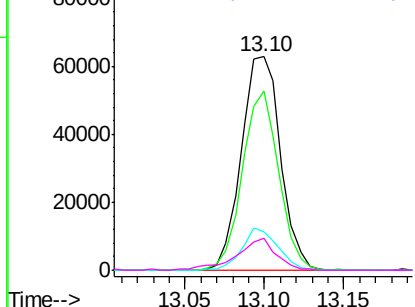
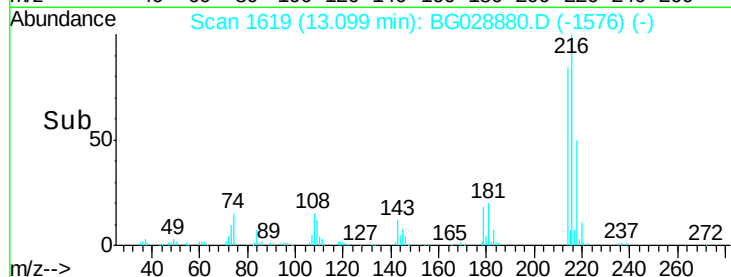
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.88 ng
 RT: 13.10 min Scan# 1619
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:216	Resp:	107490
Ion Ratio	Lower	Upper
216	100	
214	78.2	64.4 96.6
179	18.4	17.4 26.0
108	14.9	15.6 23.4#

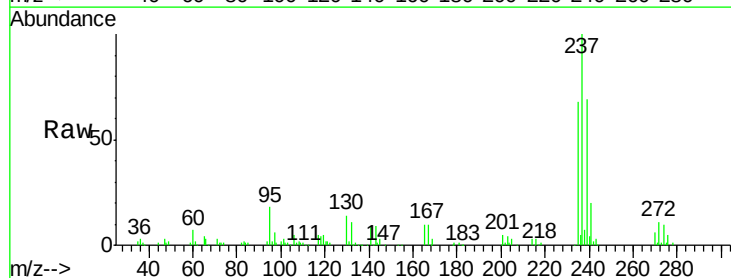


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

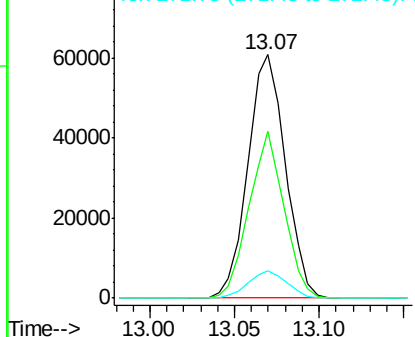
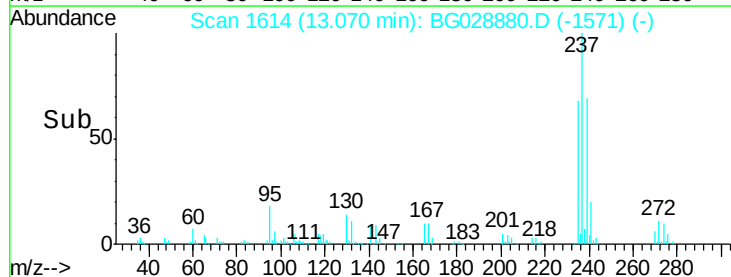


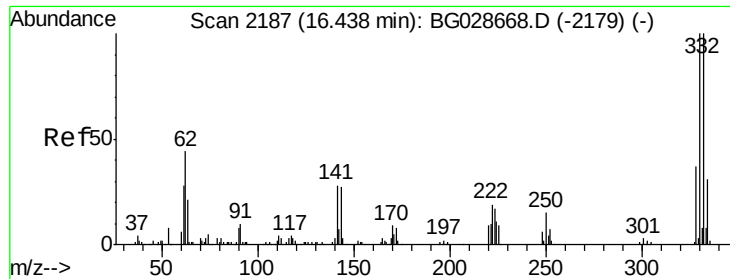
#40
 Hexachlorocyclopentadiene
 Concen: 68.35 ng
 RT: 13.07 min Scan# 1614
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion:237	Resp:	93801
Ion Ratio	Lower	Upper
237	100	
235	68.3	39.4 79.4
272	11.0	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

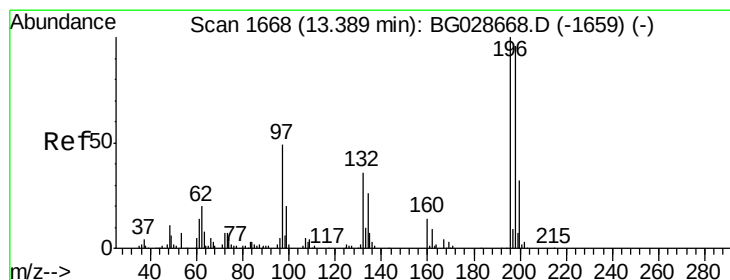
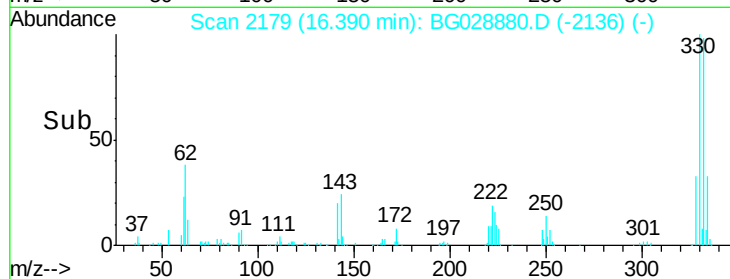
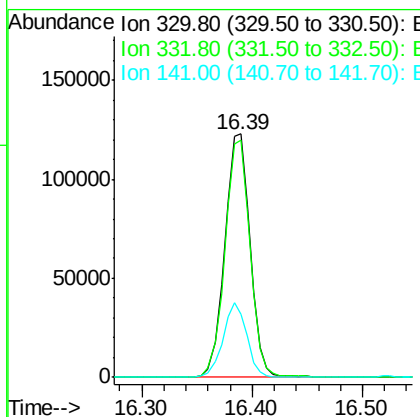
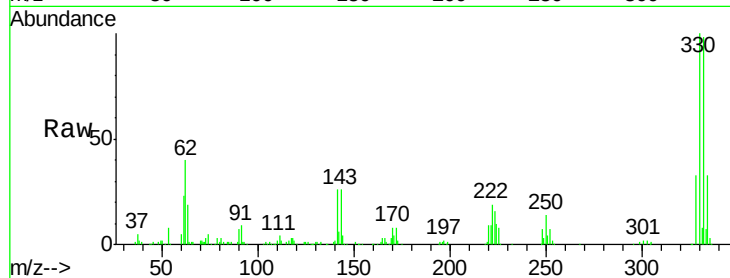




#41
 2,4,6-Tribromophenol
 Concen: 136.21 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

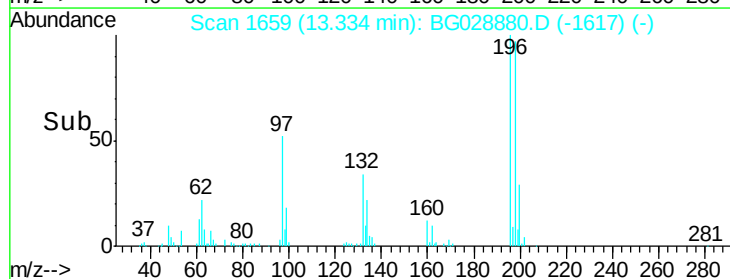
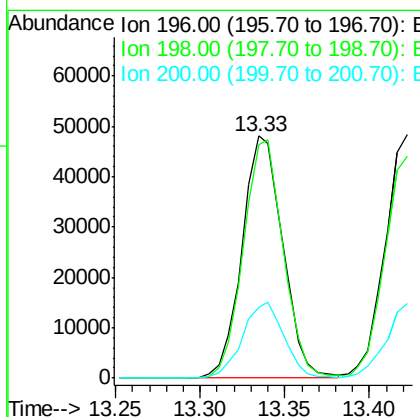
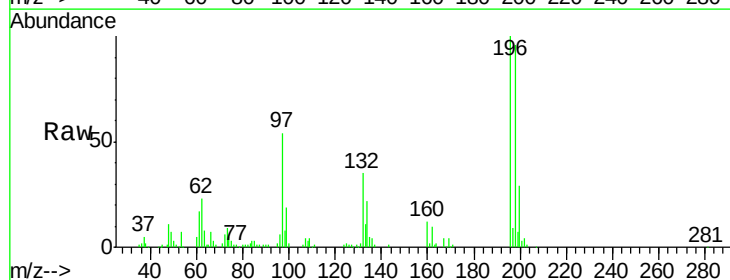
Instrument :
 BNA_G
 ClientSampleId :

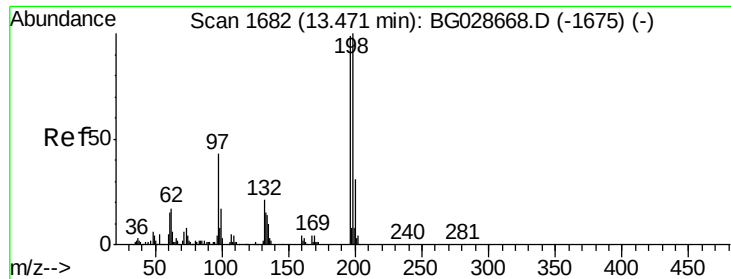
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	28.7	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 35.32 ng
 RT: 13.33 min Scan# 1659
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	81.4	122.2
200	29.3	27.0	40.6

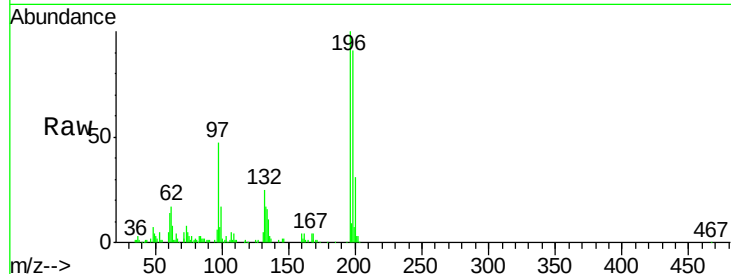




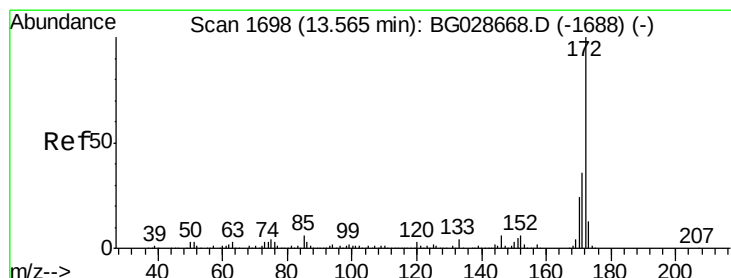
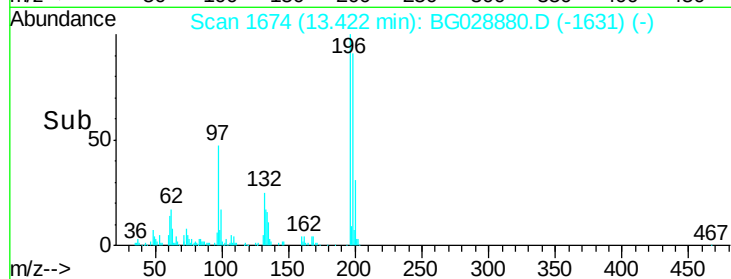
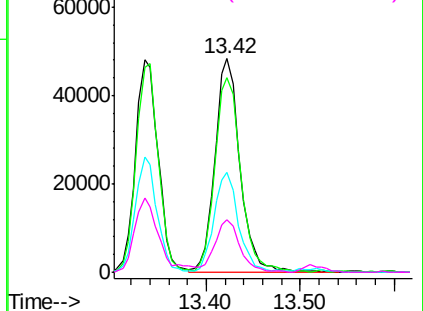
#43
2,4,5-Trichlorophenol
Concen: 39.40 ng
RT: 13.42 min Scan# 1674
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	196	Resp	90388
Ion Ratio	Lower	Upper	
196	100		
198	91.4	79.9	119.9
97	46.9	45.4	68.0
132	24.5	20.7	31.1

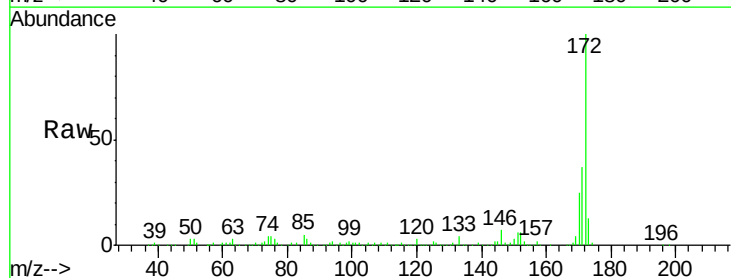


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

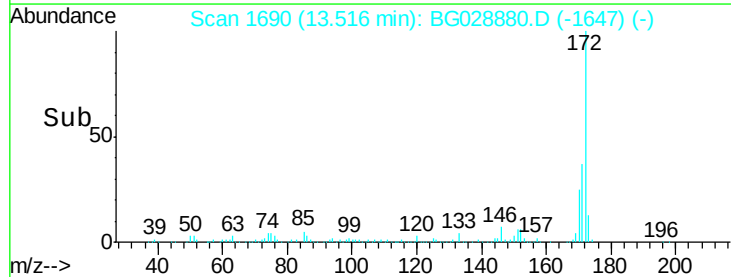
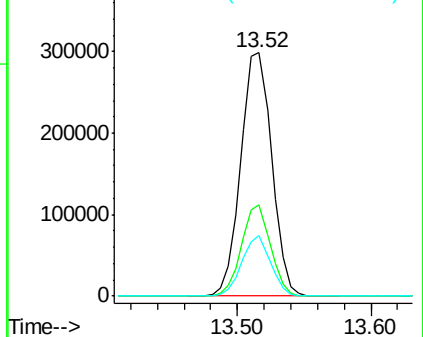


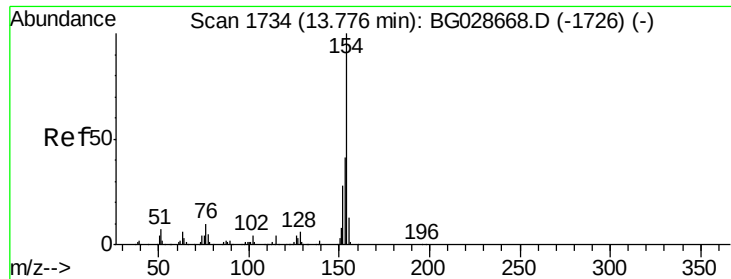
#44
2-Fluorobiphenyl
Concen: 72.93 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion	172	Resp	478435
Ion Ratio	Lower	Upper	
172	100		
171	37.5	32.2	48.2
170	24.6	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

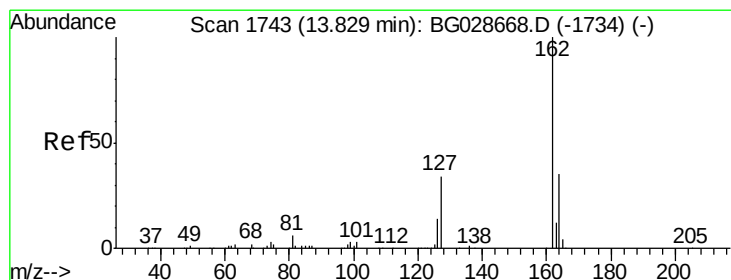
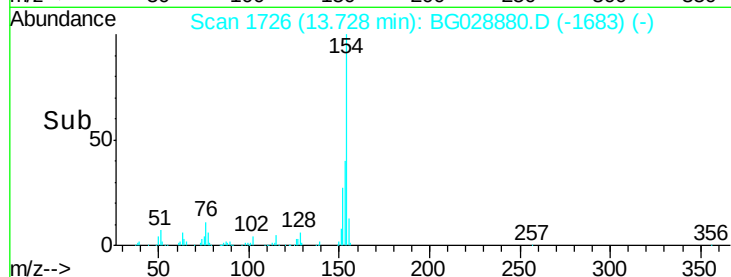
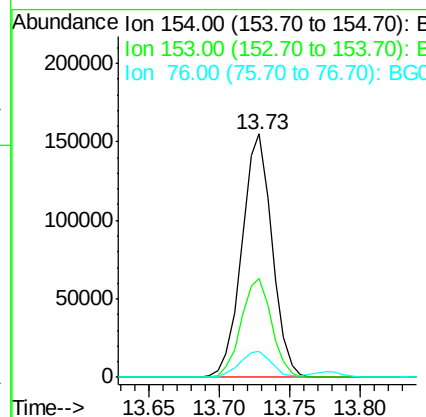
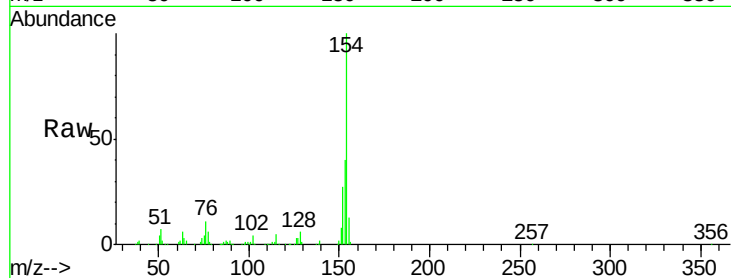




#45
 1,1'-Biphenyl
 Concen: 32.01 ng
 RT: 13.73 min Scan# 1726
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

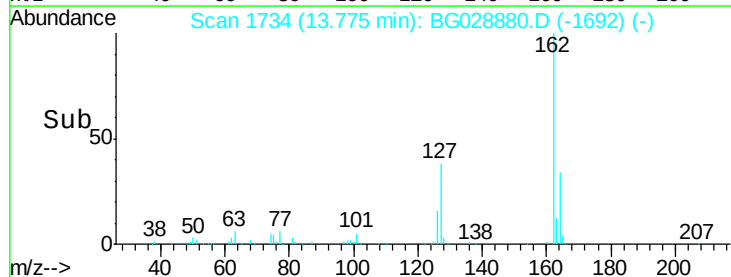
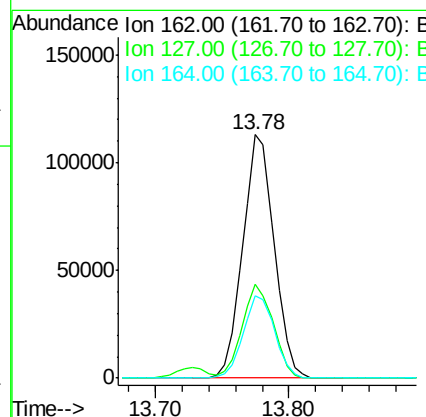
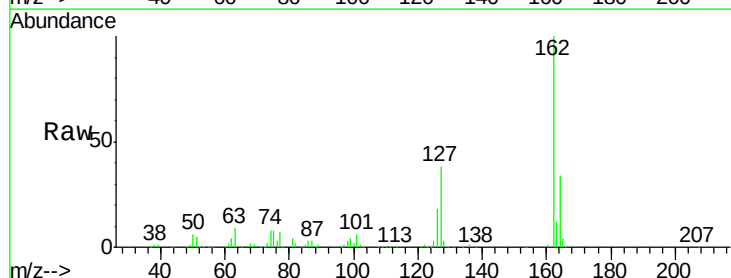
Instrument :
 BNA_G
 ClientSampleId :

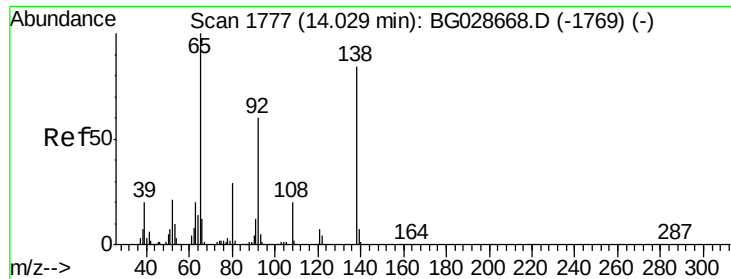
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	23.0	63.0
76	10.7	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 34.71 ng
 RT: 13.78 min Scan# 1734
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.2	48.4
164	33.8	27.3	40.9





#47

2-Nitroaniline

Concen: 38.43 ng

RT: 13.99 min Scan# 1770

Delta R.T. -0.04 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

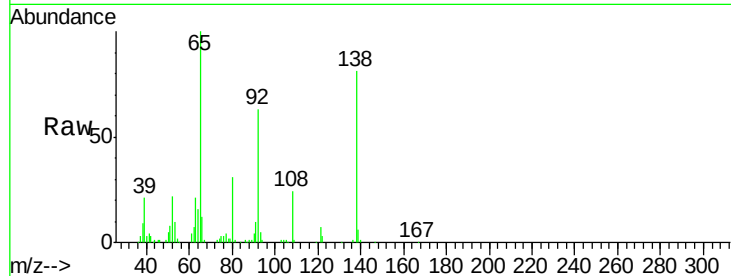
Tot Ion: 65 Resp: 75445

Ion Ratio Lower Upper

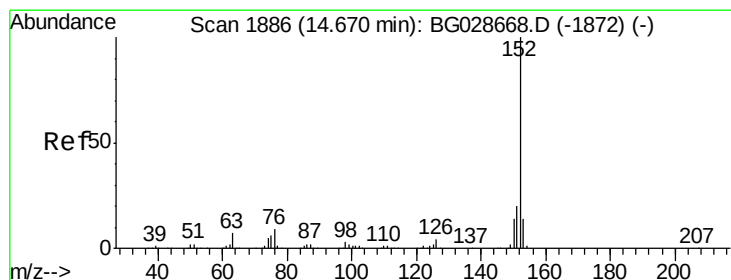
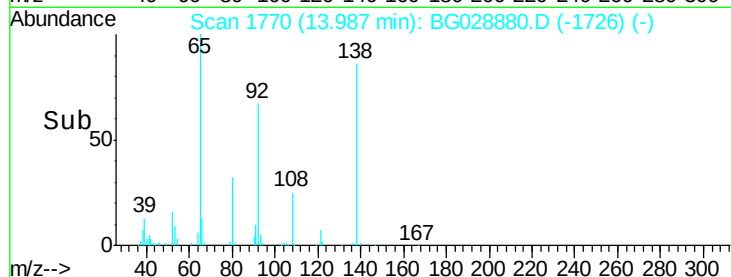
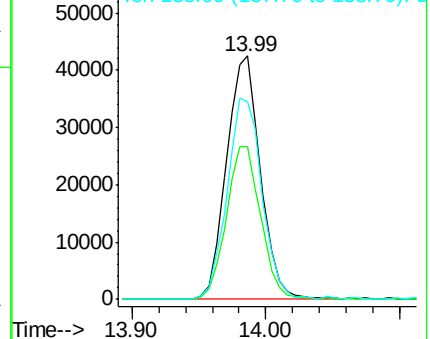
65 100

92 62.9 49.0 73.4

138 81.1 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: 35.64 ng

RT: 14.62 min Scan# 1878

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

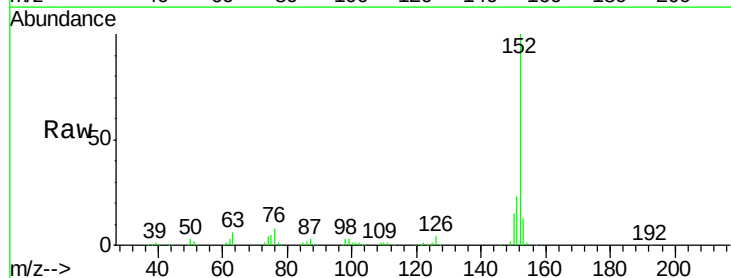
Tgt Ion: 152 Resp: 300793

Ion Ratio Lower Upper

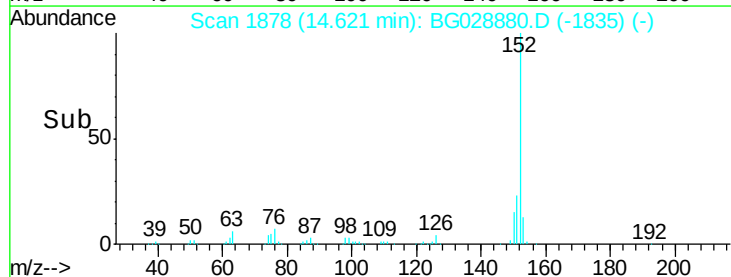
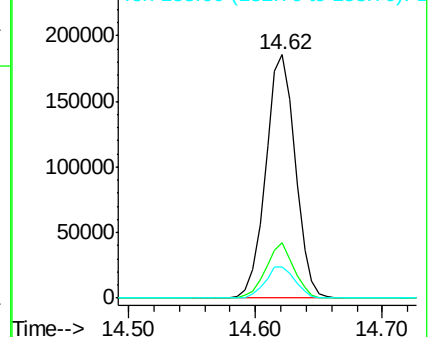
152 100

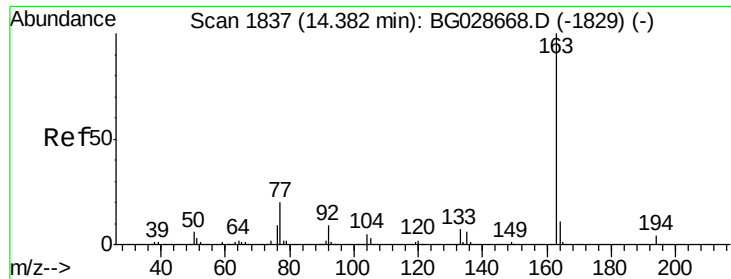
151 22.6 18.2 27.2

153 12.7 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: 38.88 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

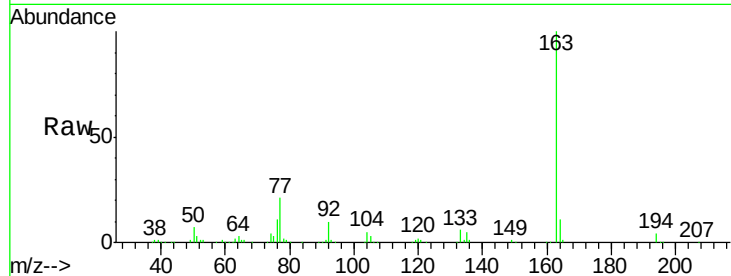
Tot Ion:163 Resp: 285209

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

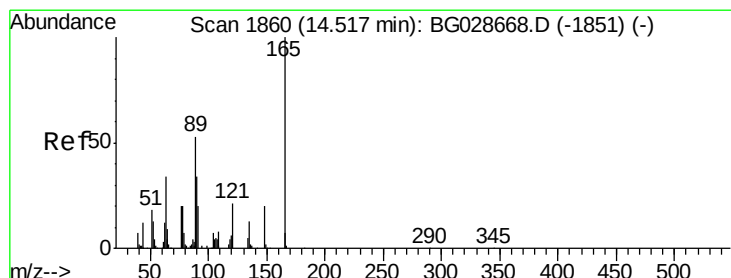
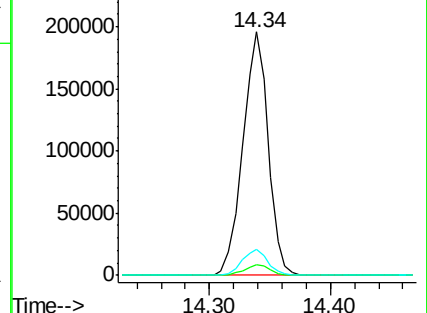
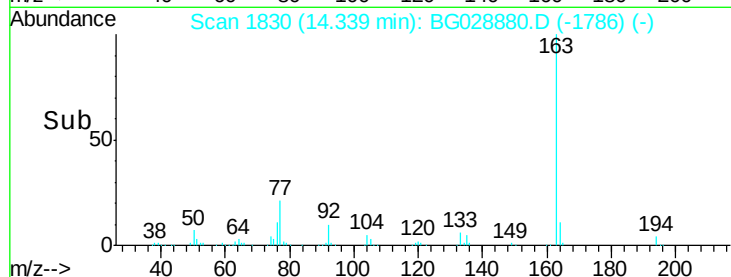
164 10.9 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.91 ng

RT: 14.47 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

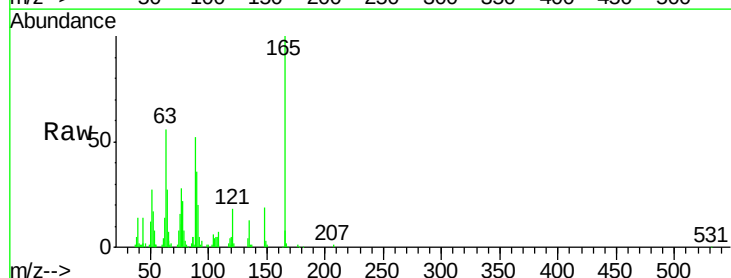
Tgt Ion:165 Resp: 65137

Ion Ratio Lower Upper

165 100

63 55.9 63.9 95.9#

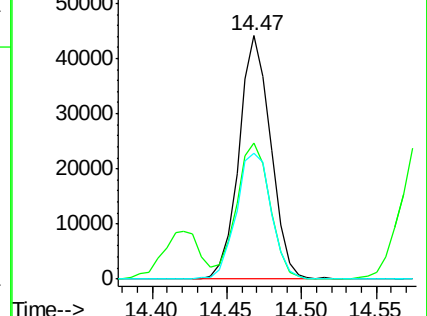
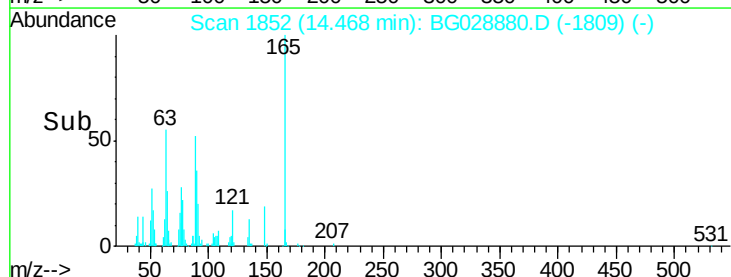
89 51.9 58.6 88.0#

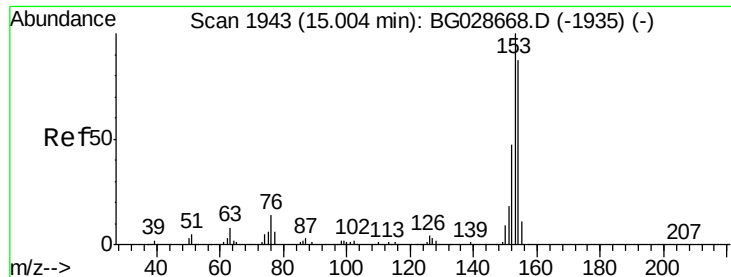


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.20 ng

RT: 14.96 min Scan# 1935

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

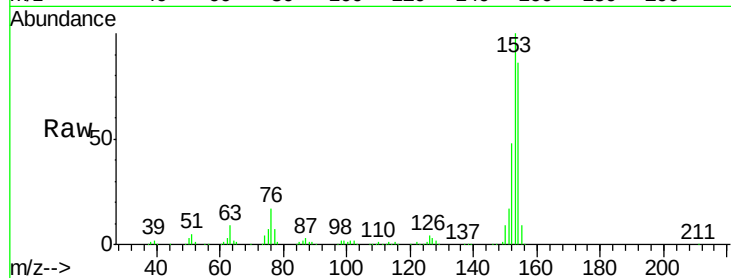
Tot Ion:154 Resp: 180496

Ion Ratio Lower Upper

154 100

153 116.5 87.8 131.6

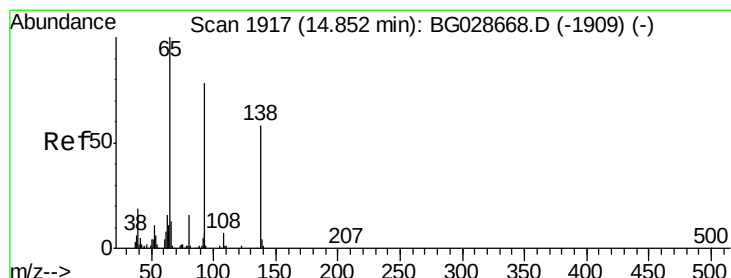
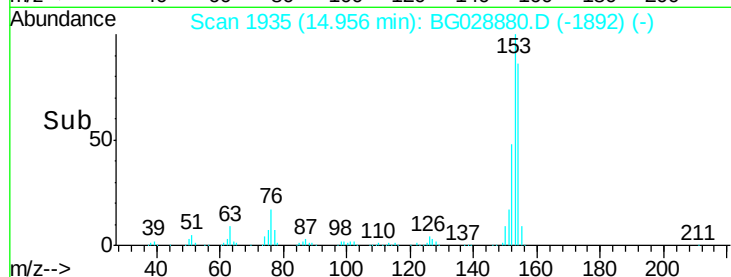
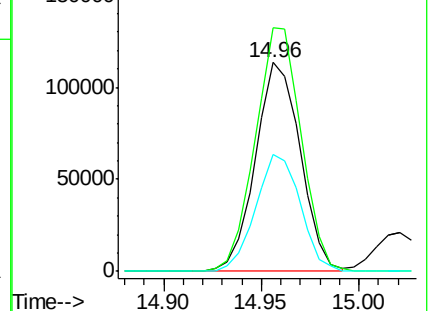
152 56.0 42.2 63.4



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: 25.42 ng

RT: 14.80 min Scan# 1909

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

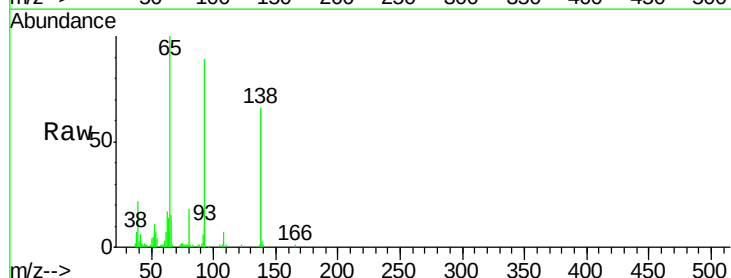
Tgt Ion:138 Resp: 36693

Ion Ratio Lower Upper

138 100

108 10.4 10.9 16.3#

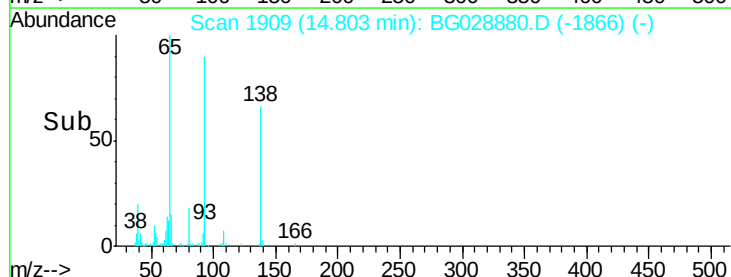
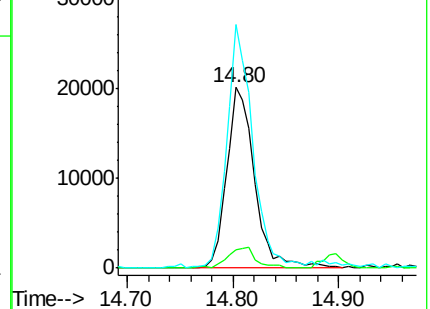
92 134.7 115.3 172.9

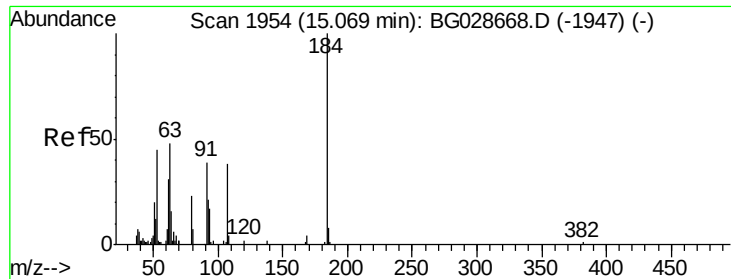


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

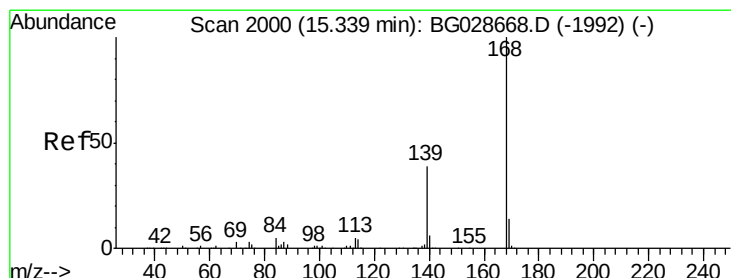
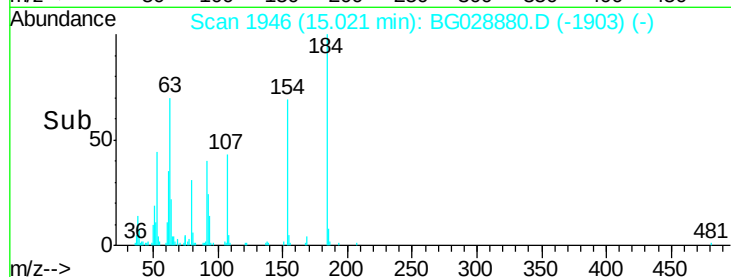
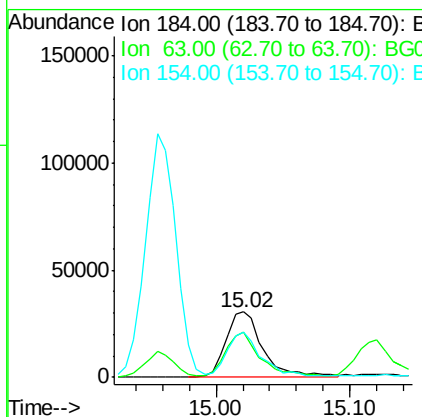
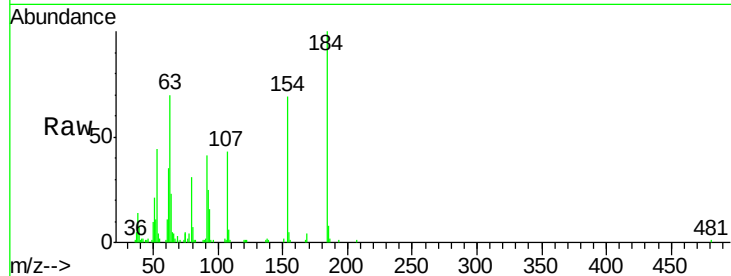




#53
2,4-Dinitrophenol
Concen: 69.97 ng
RT: 15.02 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

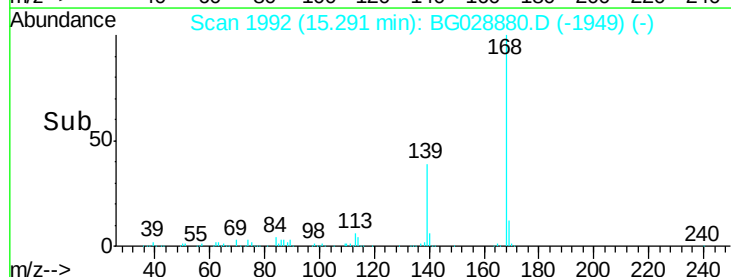
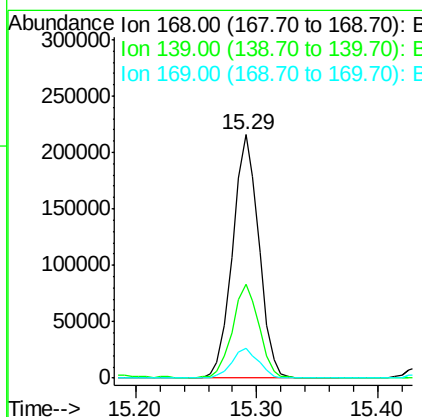
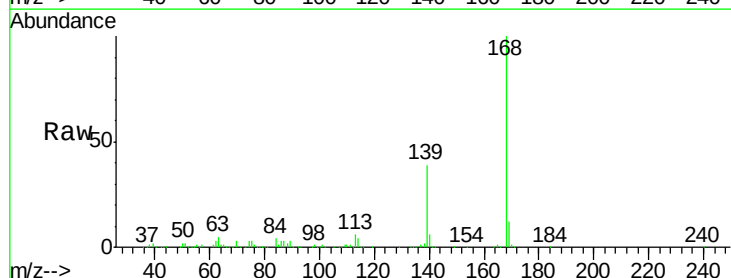
Instrument :
BNA_G
ClientSampleId :

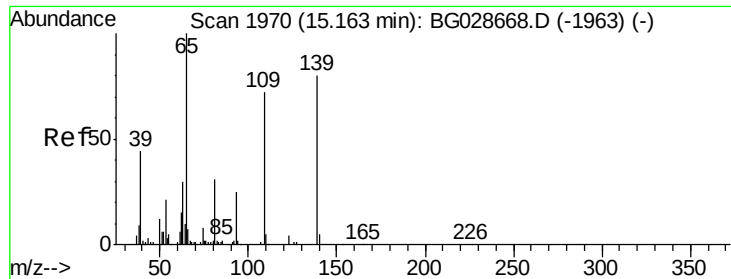
Tot Ion:184 Resp: 59224
Ion Ratio Lower Upper
184 100
63 70.2 52.7 79.1
154 68.8 57.3 85.9



#54
Dibenzofuran
Concen: 39.91 ng
RT: 15.29 min Scan# 1992
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:168 Resp: 326352
Ion Ratio Lower Upper
168 100
139 38.6 35.3 52.9
169 12.3 11.5 17.3

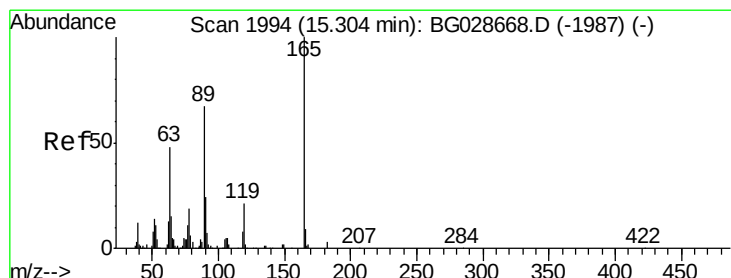
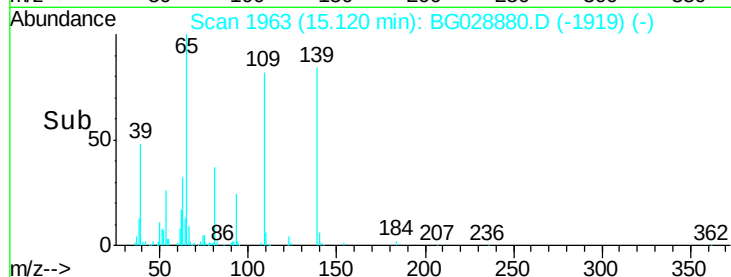
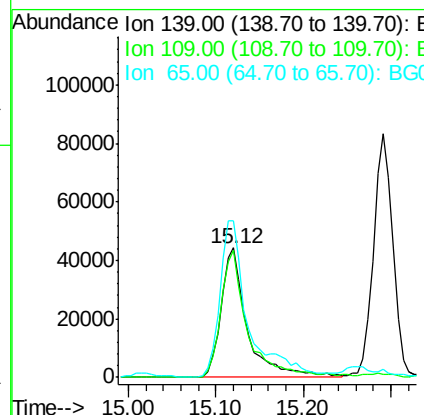
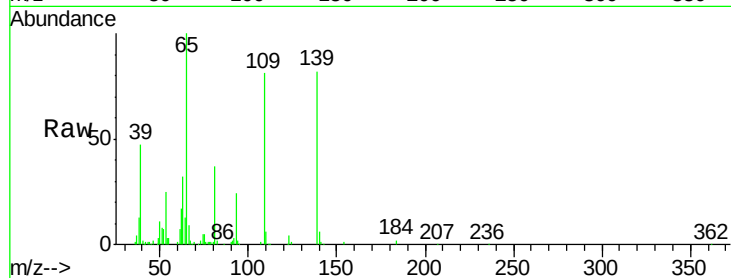




#55
4-Nitrophenol
Concen: 86.99 ng
RT: 15.12 min Scan# 1963
Delta R.T. -0.04 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

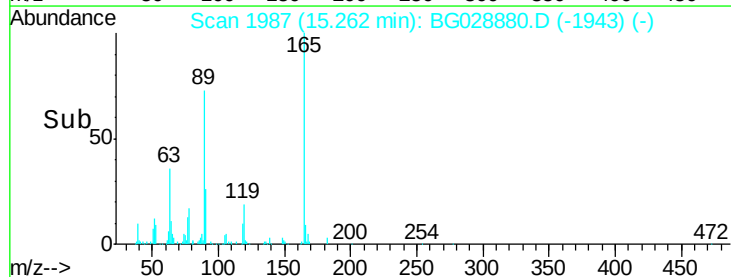
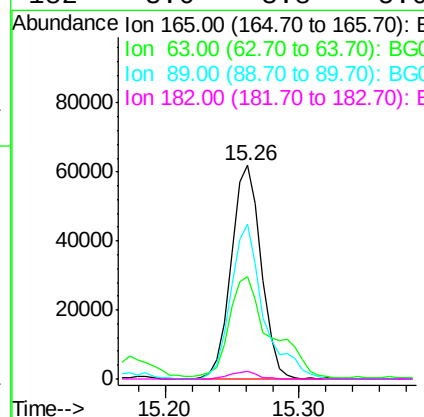
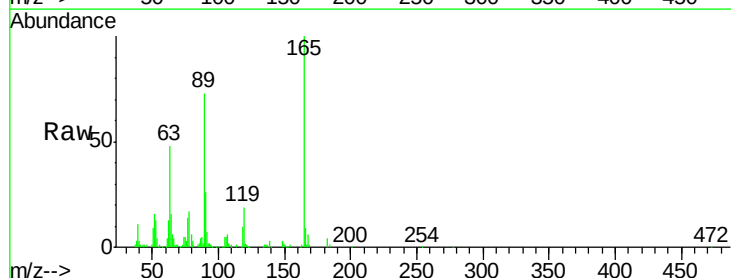
Instrument :
BNA_G
ClientSampled :

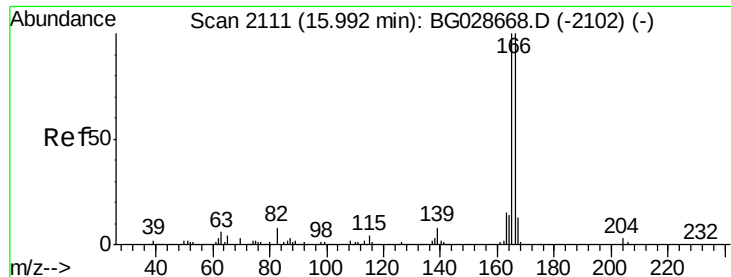
Tot Ion:139 Resp: 91996
Ion Ratio Lower Upper
139 100
109 98.4 101.2 141.2#
65 121.5 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 42.35 ng
RT: 15.26 min Scan# 1987
Delta R.T. -0.04 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:165 Resp: 97202
Ion Ratio Lower Upper
165 100
63 48.0 44.0 66.0
89 72.6 67.3 100.9
182 3.6 3.8 5.6#

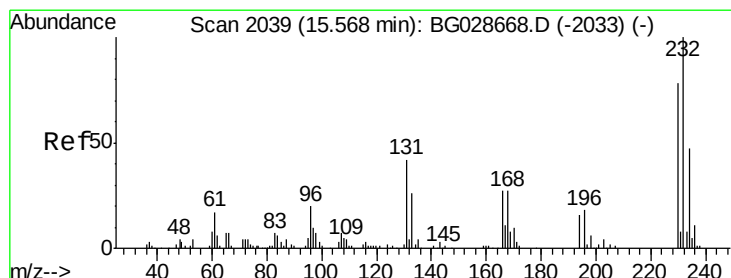
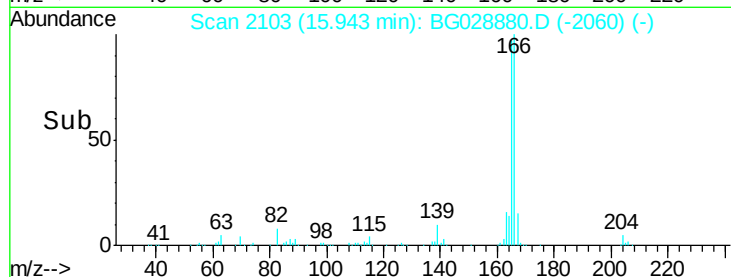
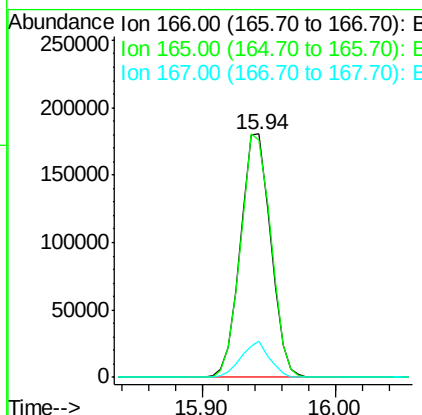
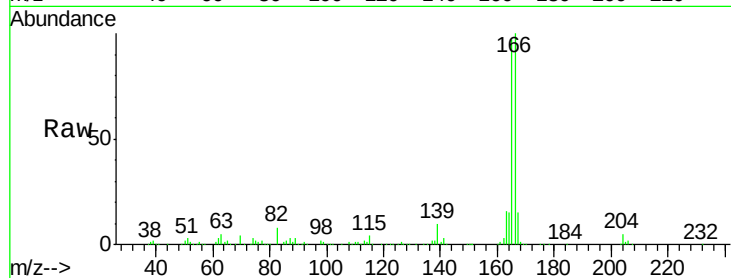




#57
 Fluorene
 Concen: 38.75 ng
 RT: 15.94 min Scan# 2103
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

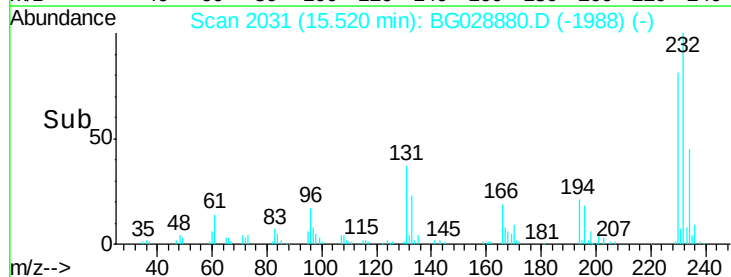
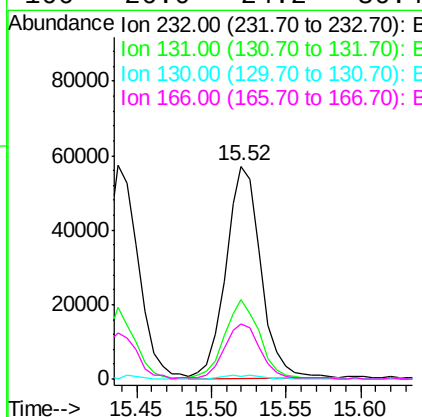
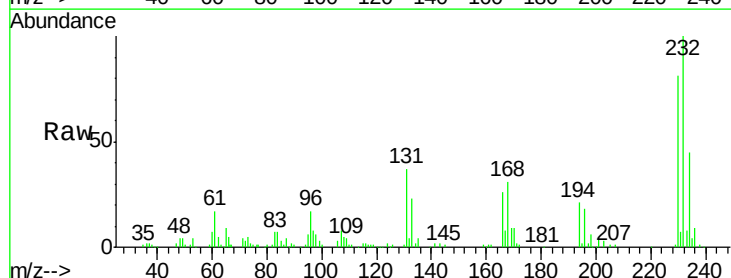
Instrument :
 BNA_G
 ClientSampleId :

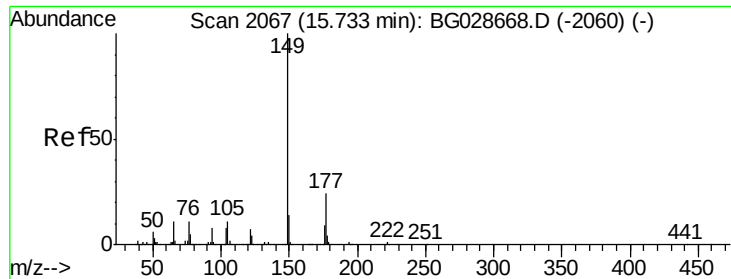
Tot Ion:166 Resp: 282822
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.6 117.8
 167 14.6 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.87 ng
 RT: 15.52 min Scan# 2031
 Delta R.T. -0.05 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion:232 Resp: 92748
 Ion Ratio Lower Upper
 232 100
 131 37.0 34.9 52.3
 130 2.0 2.3 3.5#
 166 26.0 24.2 36.4

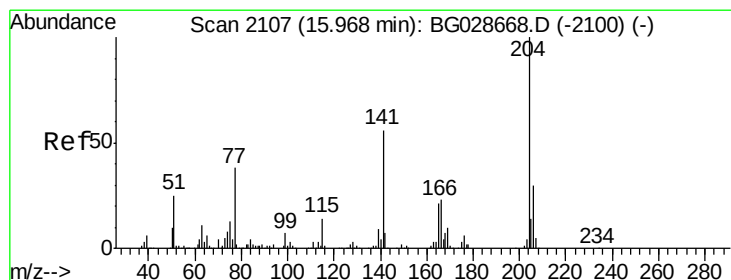
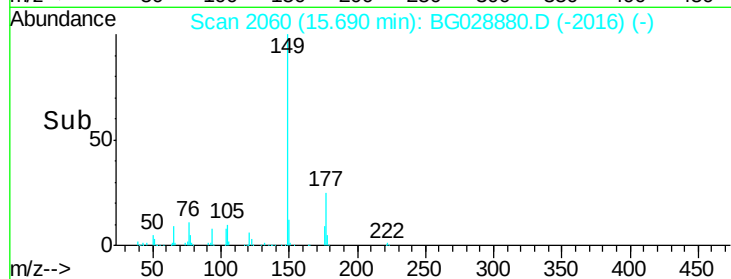
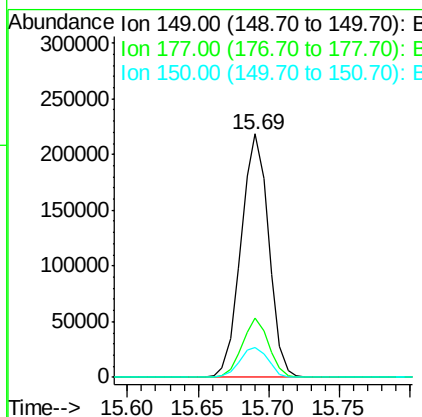
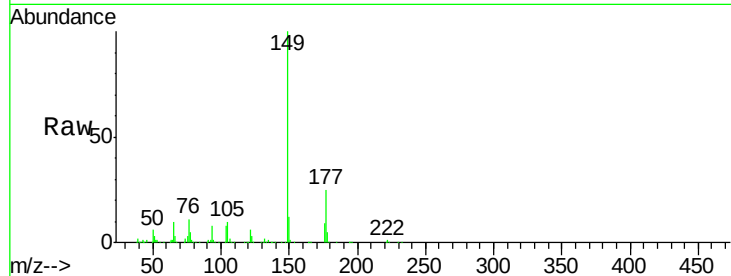




#59
Diethylphthalate
Concen: 39.69 ng
RT: 15.69 min Scan# 2060
Delta R.T. -0.04 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

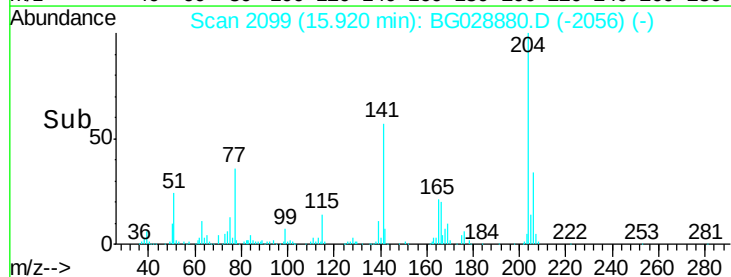
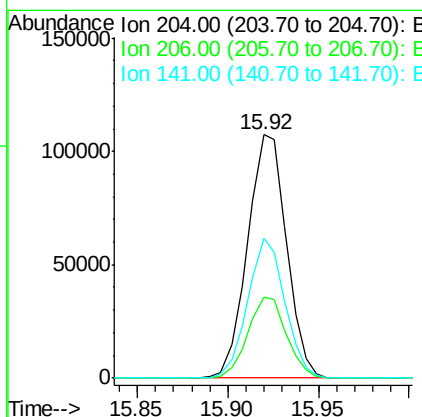
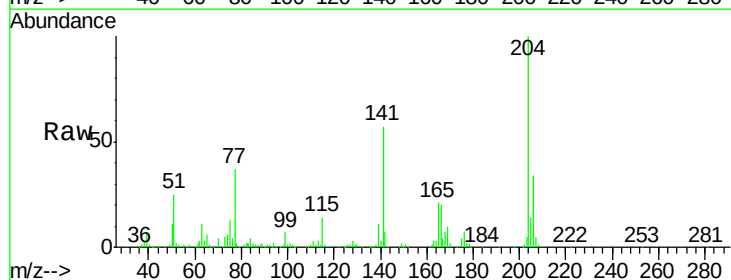
Instrument :
BNA_G
ClientSampled :

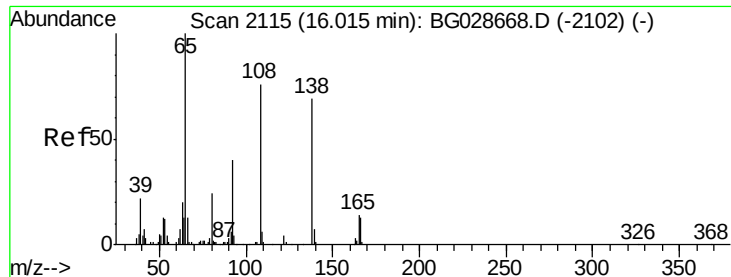
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	20.1	30.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 15.92 min Scan# 2099
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	30.1	45.1
141	57.3	50.6	76.0

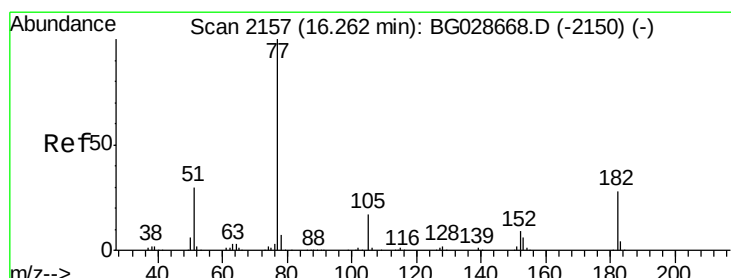
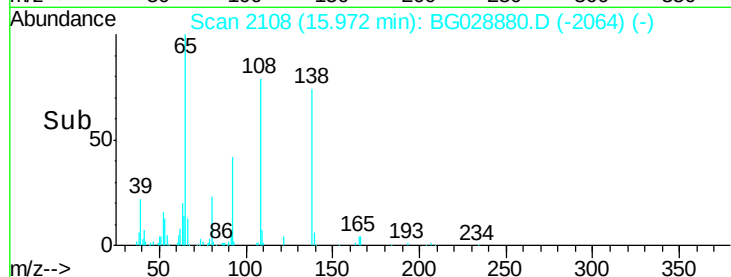
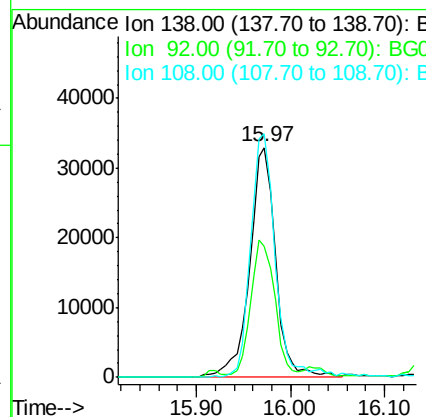
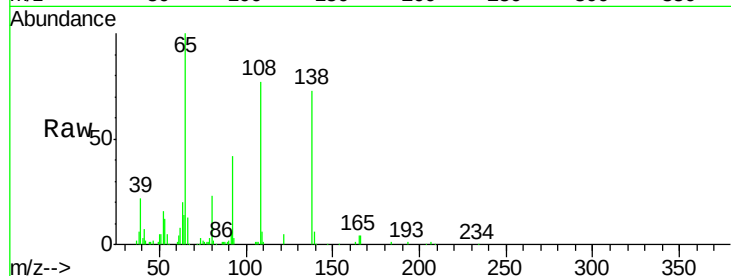




#61
4-Nitroaniline
Concen: 41.62 ng
RT: 15.97 min Scan# 2108
Delta R.T. -0.04 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

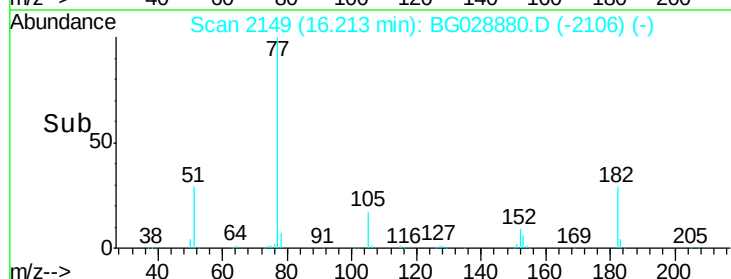
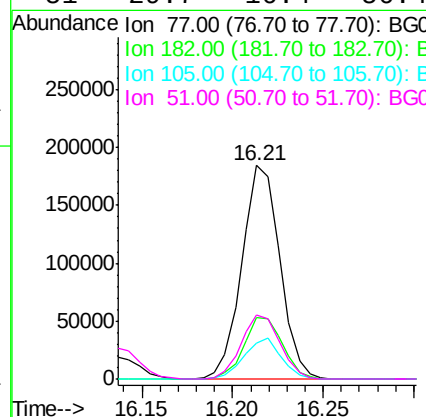
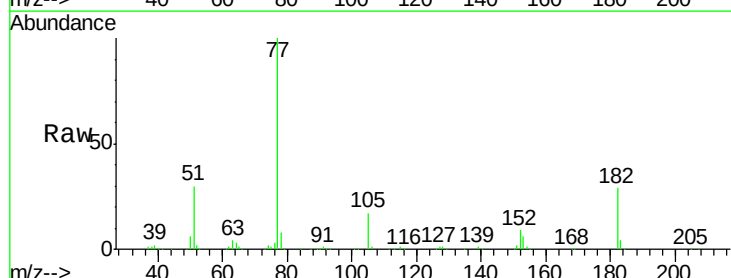
Instrument :
BNA_G
ClientSampleId :

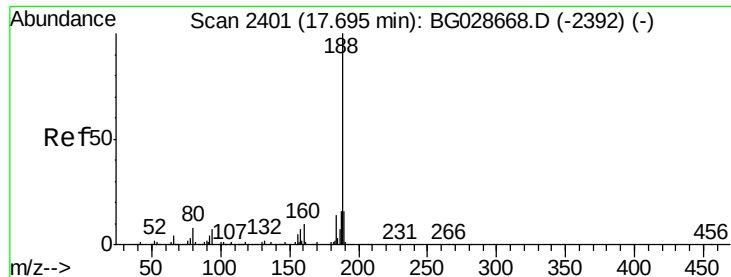
Tot Ion:138 Resp: 63644
Ion Ratio Lower Upper
138 100
92 57.0 44.2 84.2
108 105.9 104.8 144.8



#62
Azobenzene
Concen: 42.39 ng
RT: 16.21 min Scan# 2149
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion: 77 Resp: 268786
Ion Ratio Lower Upper
77 100
182 28.5 4.7 44.7
105 17.0 0.0 36.3
51 29.7 16.4 56.4

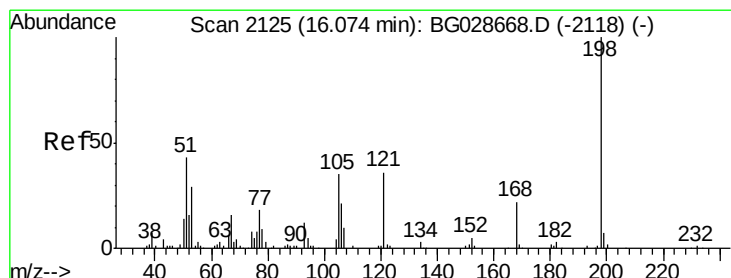
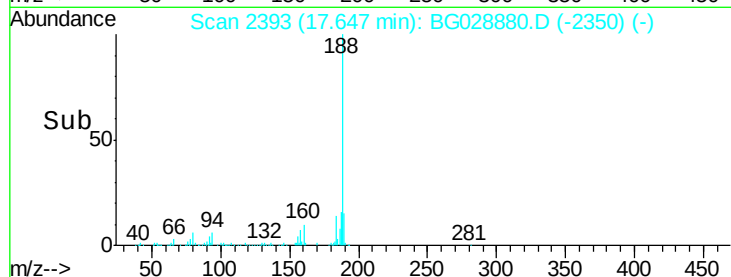
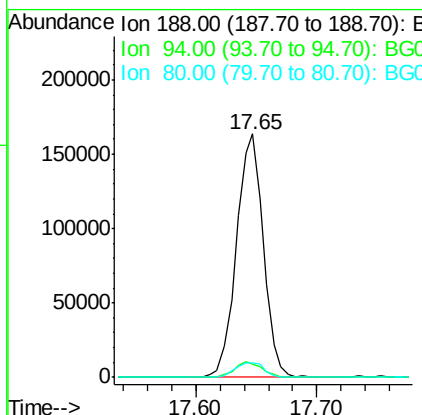
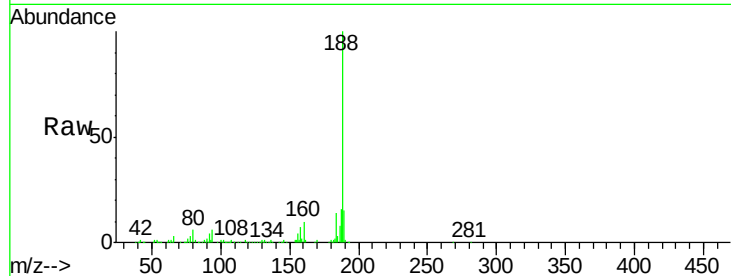




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

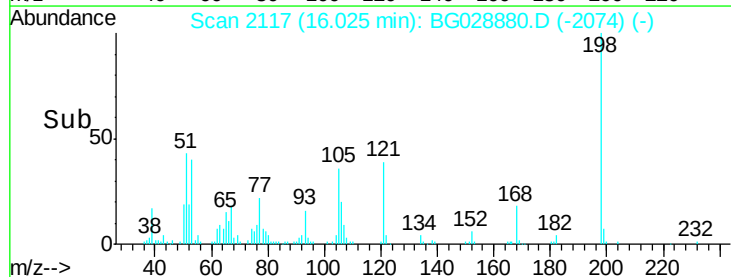
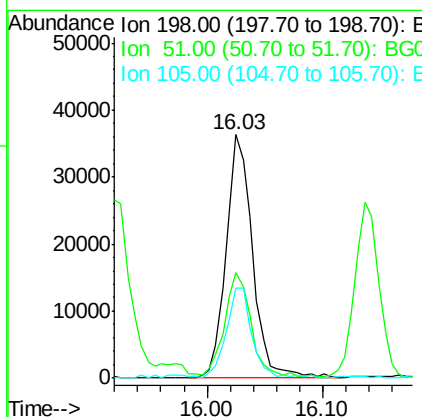
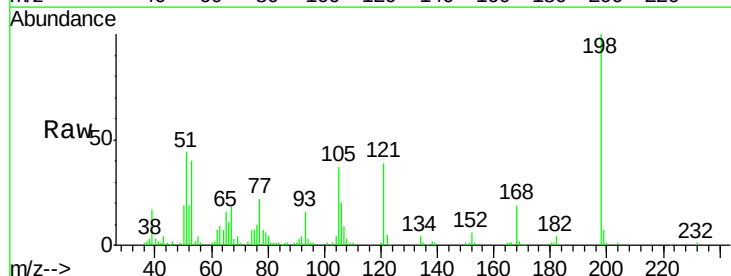
Instrument :
BNA_G
ClientSampleId :

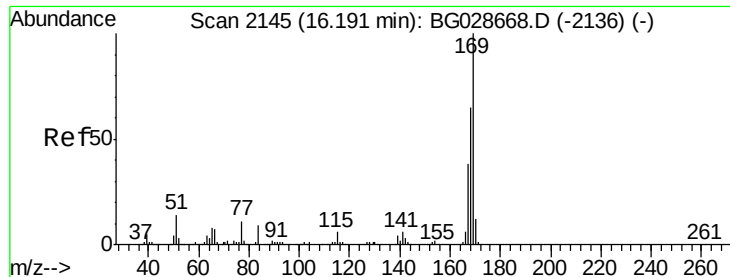
Tot Ion:188 Resp: 252946
Ion Ratio Lower Upper
188 100
94 5.5 5.8 8.8#
80 6.1 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.38 ng
RT: 16.03 min Scan# 2117
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:198 Resp: 57754
Ion Ratio Lower Upper
198 100
51 43.5 22.6 62.6
105 36.8 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 34.78 ng

RT: 16.14 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

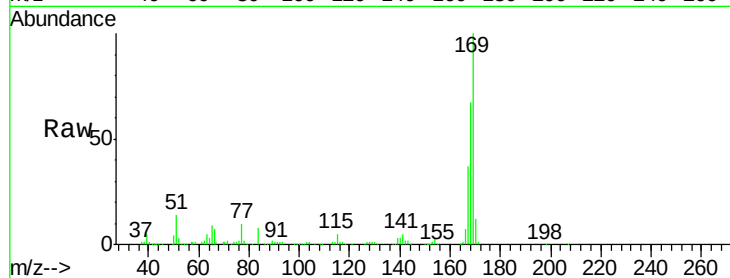
Tot Ion:169 Resp: 252188

Ion Ratio Lower Upper

169 100

168 66.5 55.7 83.5

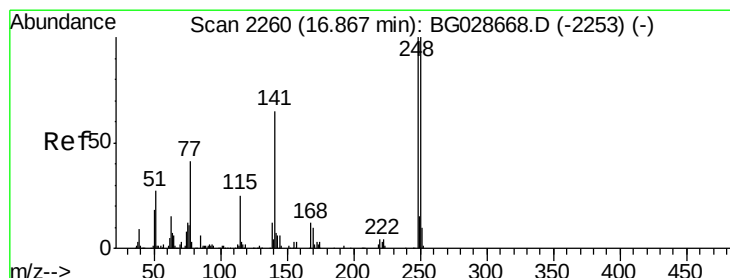
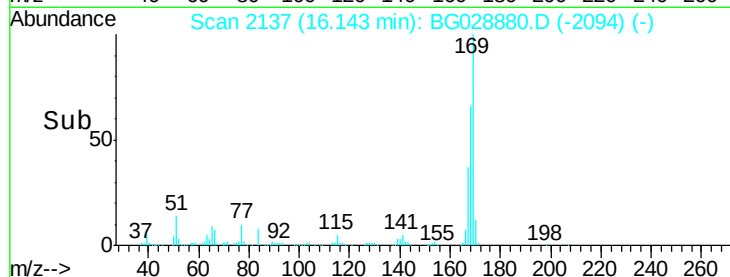
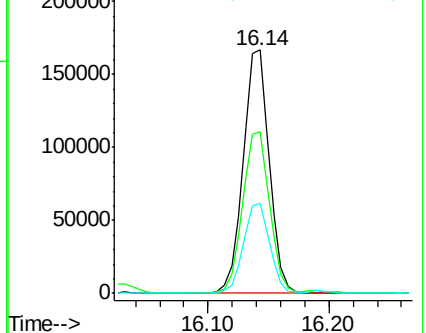
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.05 ng

RT: 16.82 min Scan# 2252

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

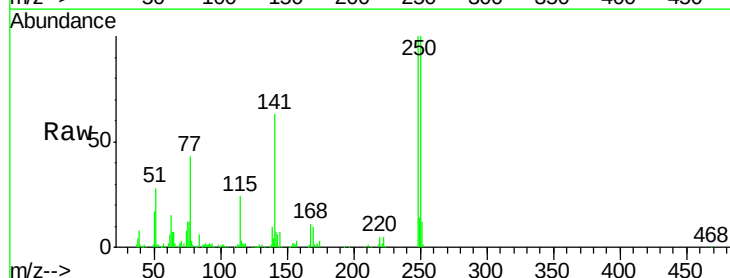
Tgt Ion:248 Resp: 117341

Ion Ratio Lower Upper

248 100

250 99.9 75.0 112.6

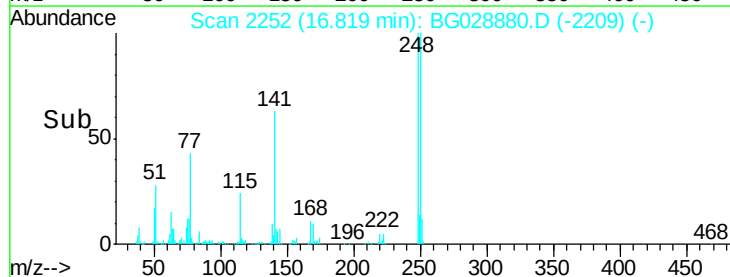
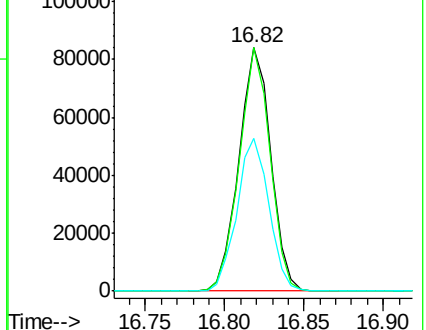
141 62.7 55.2 82.8

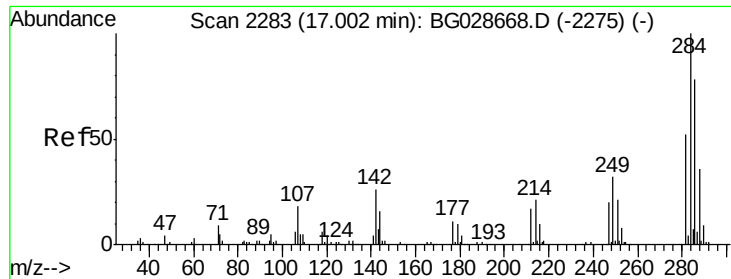


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.92 ng

RT: 16.95 min Scan# 2275

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

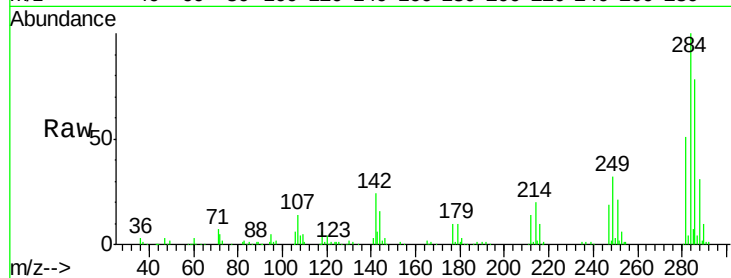
Tot Ion:284 Resp: 125637

Ion Ratio Lower Upper

284 100

142 24.3 29.9 44.9#

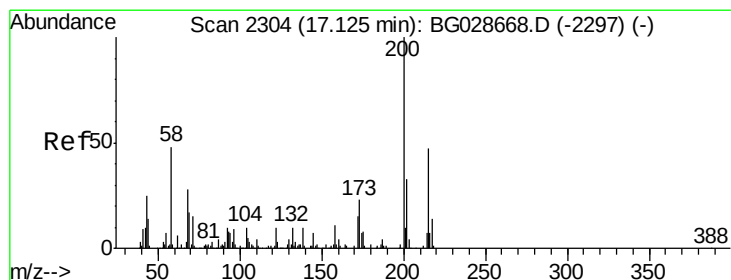
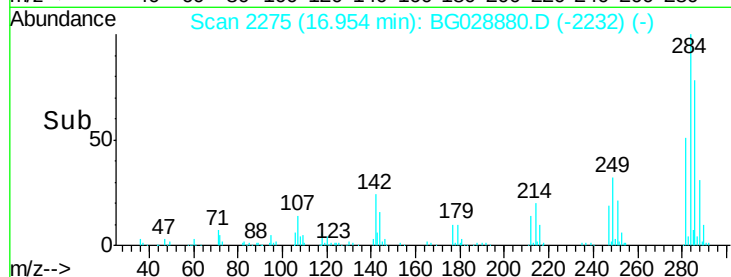
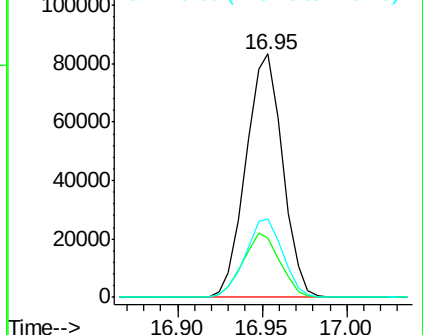
249 32.0 29.2 43.8



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: 34.73 ng

RT: 17.08 min Scan# 2297

Delta R.T. -0.04 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

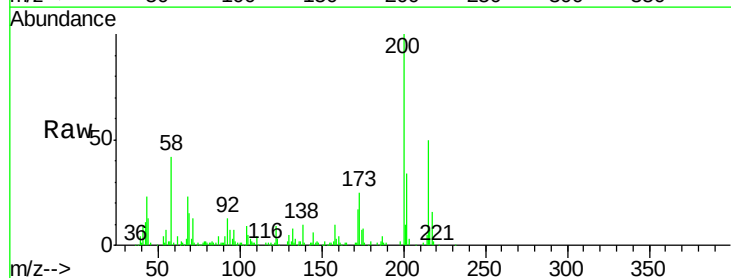
Tgt Ion:200 Resp: 108116

Ion Ratio Lower Upper

200 100

173 25.3 3.0 43.0

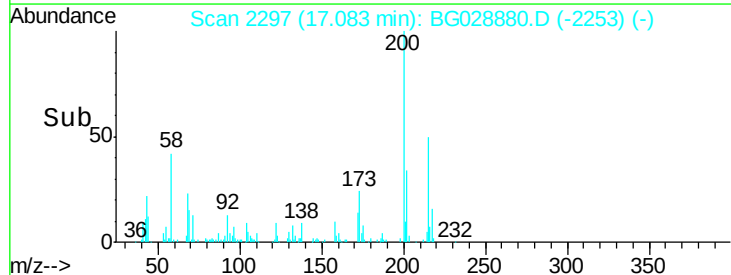
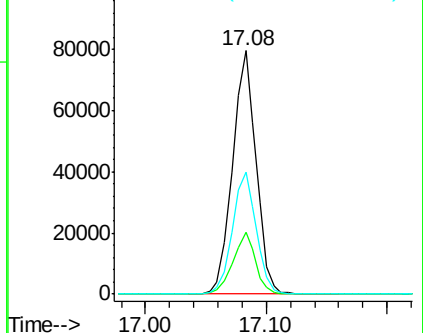
215 49.9 28.4 68.4

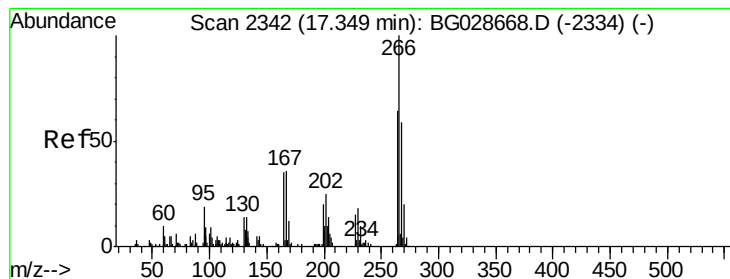


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 70.35 ng

RT: 17.30 min Scan# 2334

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

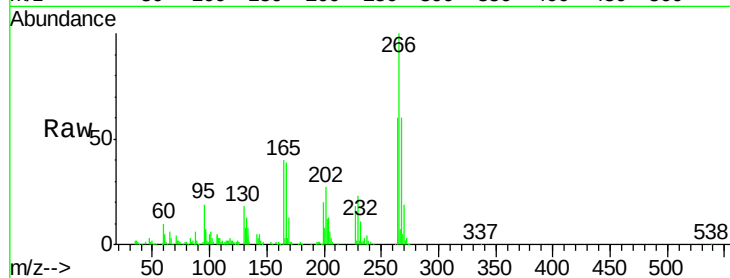
Tot Ion:266 Resp: 117744

Ion Ratio Lower Upper

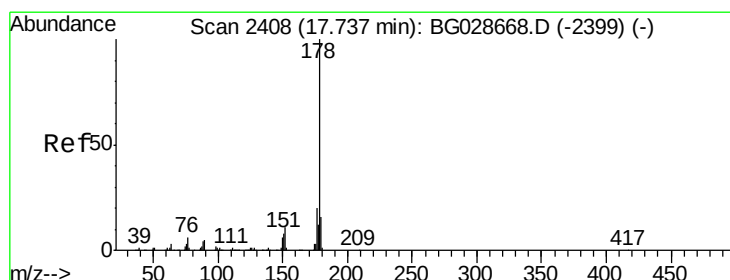
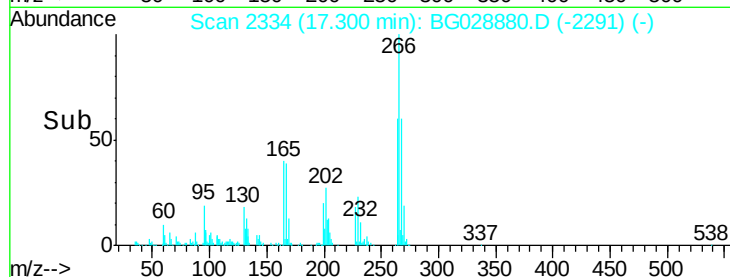
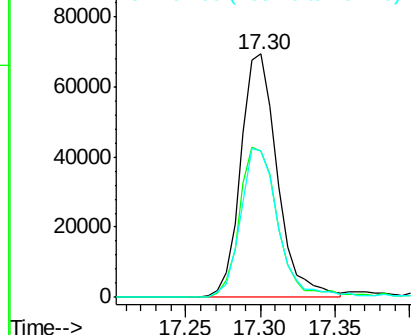
266 100

268 60.3 48.6 72.8

264 60.1 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: 37.47 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

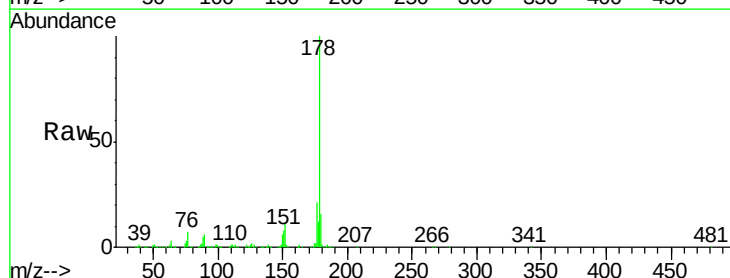
Tgt Ion:178 Resp: 484726

Ion Ratio Lower Upper

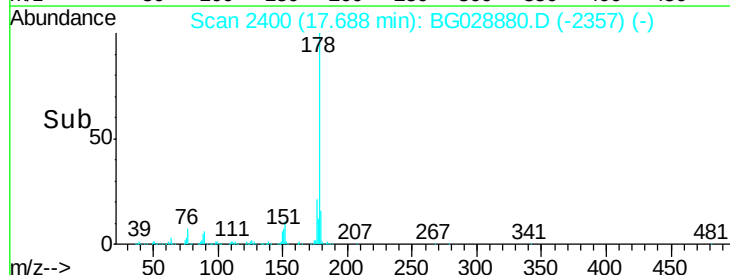
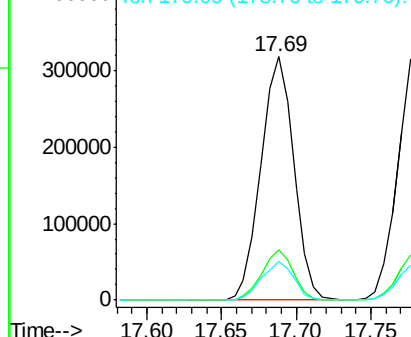
178 100

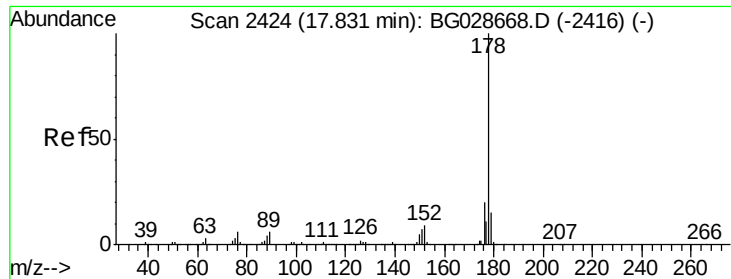
176 20.9 17.7 26.5

179 16.1 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: 38.69 ng

RT: 17.78 min Scan# 2416

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

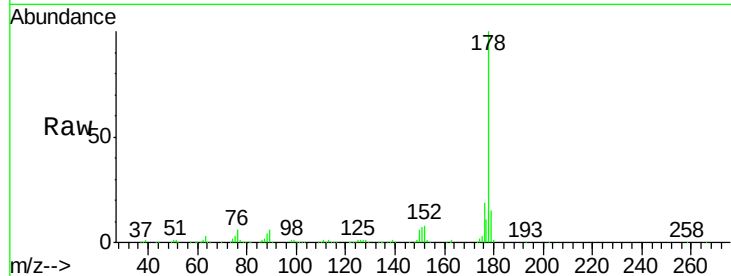
Tot Ion:178 Resp: 505530

Ion Ratio Lower Upper

178 100

176 19.1 16.4 24.6

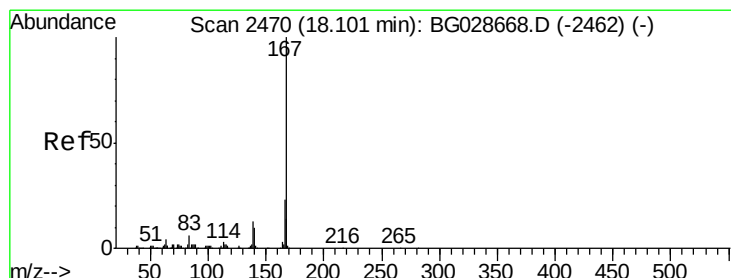
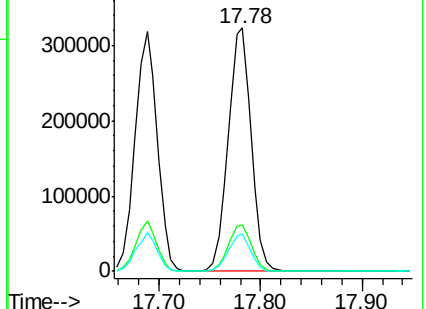
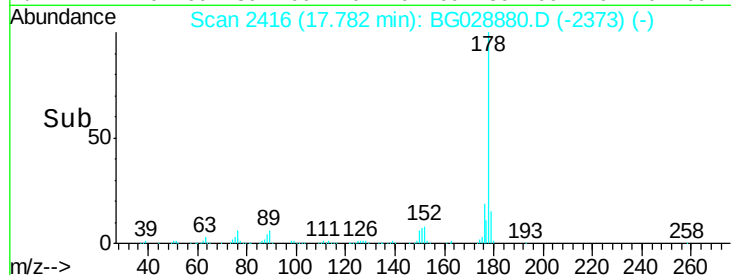
179 15.2 13.8 20.8



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



#72

Carbazole

Concen: 36.78 ng

RT: 18.05 min Scan# 2462

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

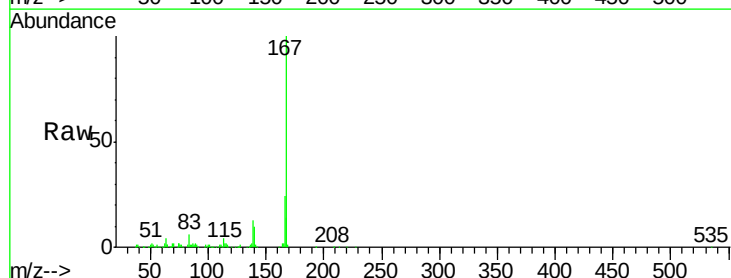
Tgt Ion:167 Resp: 432872

Ion Ratio Lower Upper

167 100

166 23.7 20.2 30.2

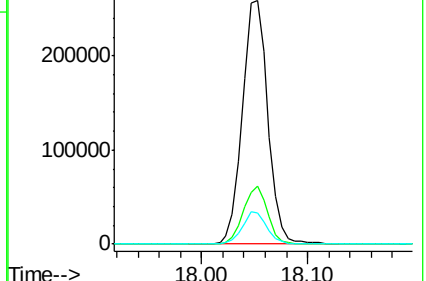
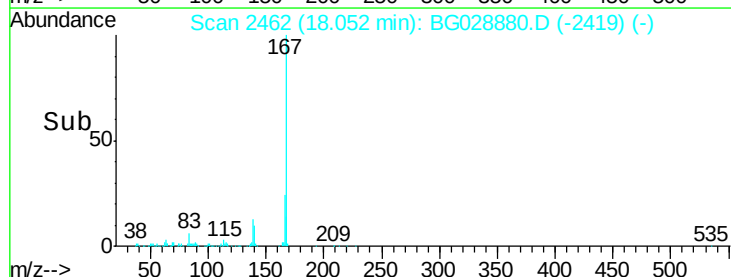
139 12.8 12.8 19.2#

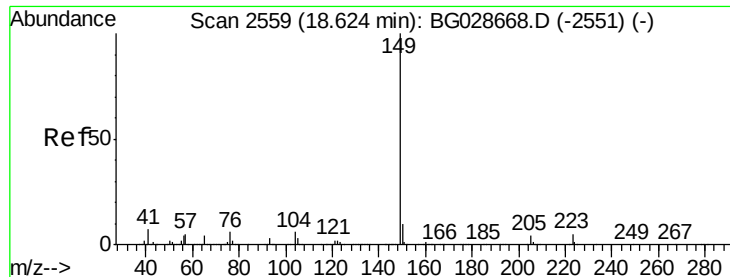


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

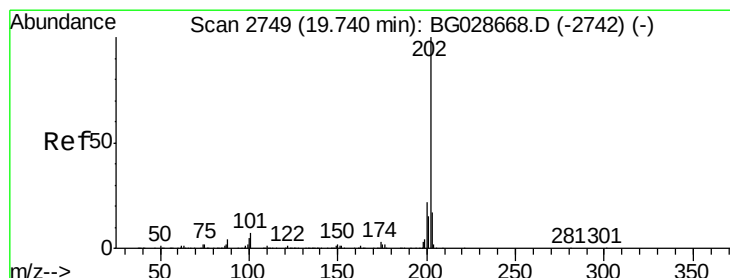
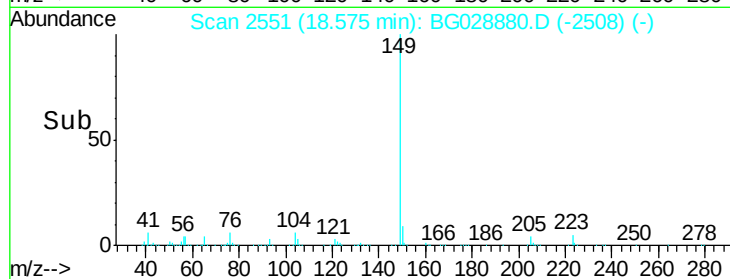
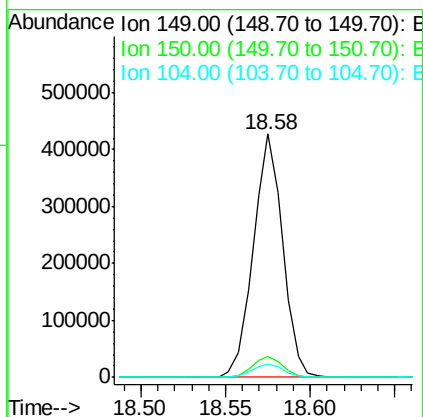
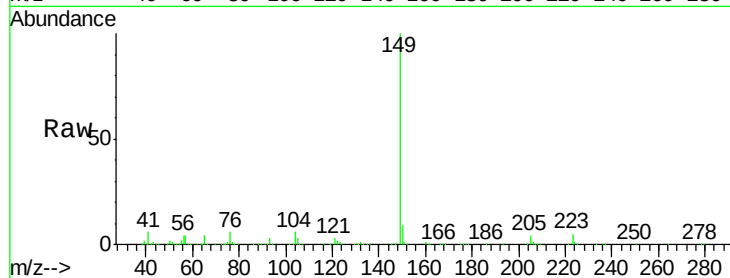




#73
Di-n-butylphthalate
Concen: 35.76 ng
RT: 18.58 min Scan# 2551
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

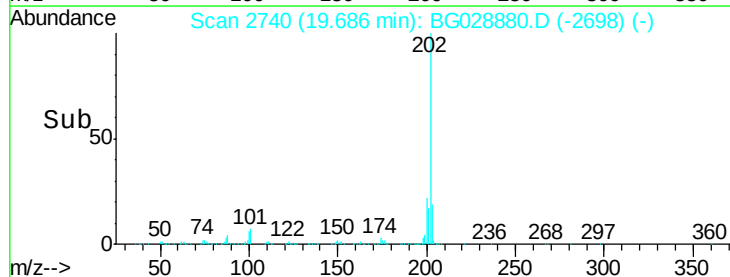
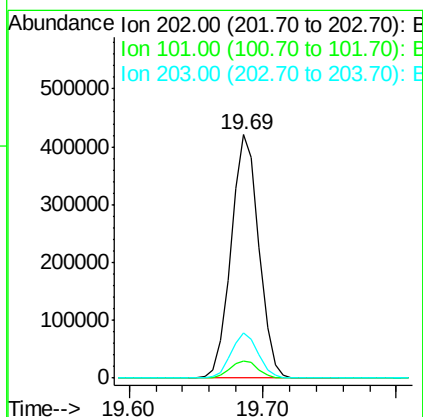
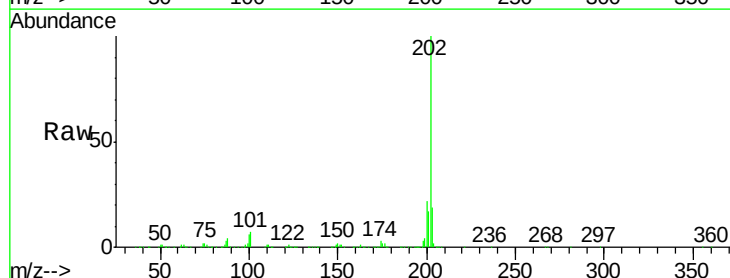
Instrument :
BNA_G
ClientSampleId :

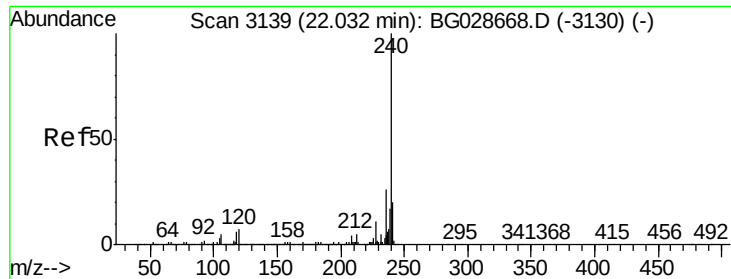
Tot Ion:149 Resp: 516064
Ion Ratio Lower Upper
149 100
150 8.8 9.1 13.7#
104 5.5 6.7 10.1#



#74
Fluoranthene
Concen: 38.51 ng
RT: 19.69 min Scan# 2740
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:202 Resp: 608187
Ion Ratio Lower Upper
202 100
101 7.1 0.0 30.1
203 18.6 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.07 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

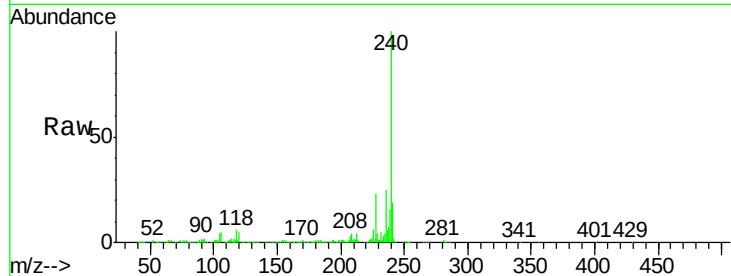
Tot Ion:240 Resp: 293616

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

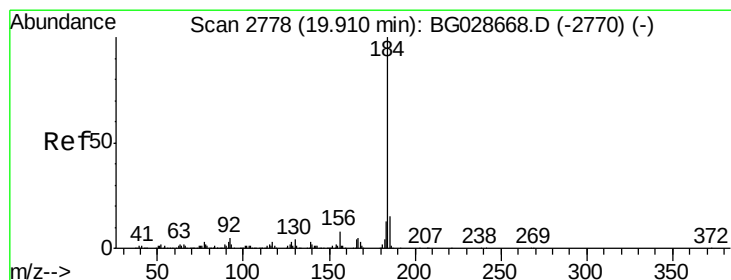
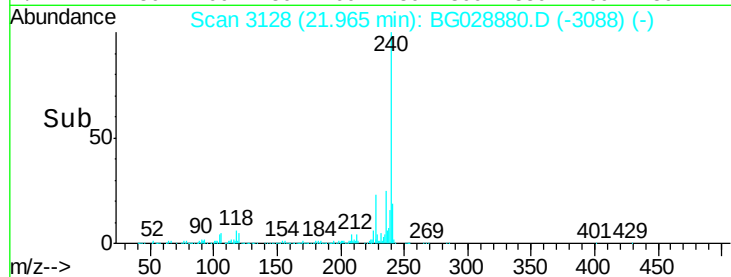
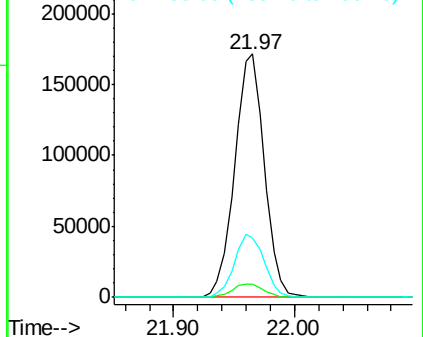
236 24.5 22.2 33.4



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: 35.29 ng

RT: 19.86 min Scan# 2770

Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

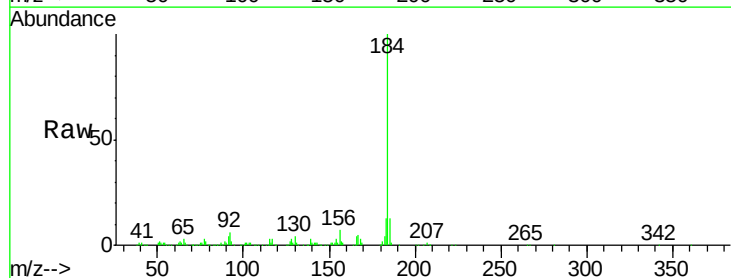
Tgt Ion:184 Resp: 268687

Ion Ratio Lower Upper

184 100

185 13.4 13.0 19.6

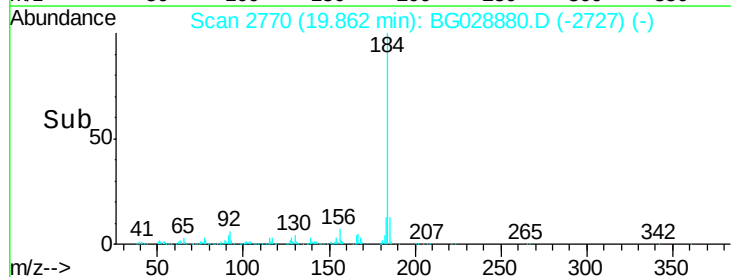
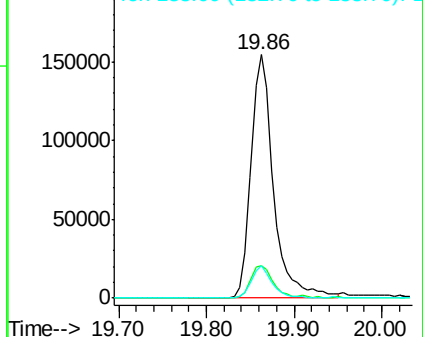
183 13.4 11.0 16.6

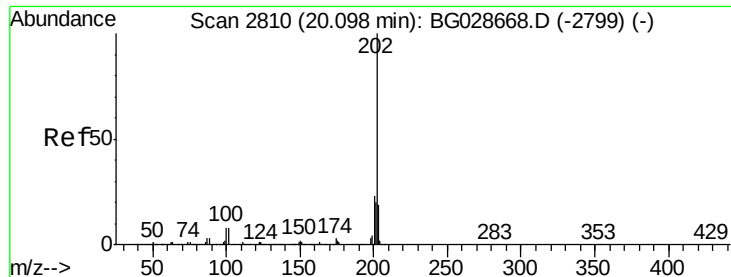


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.10 ng

RT: 20.05 min Scan# 2802

Delta R.T. -0.05 min

Lab File: BG028880.D

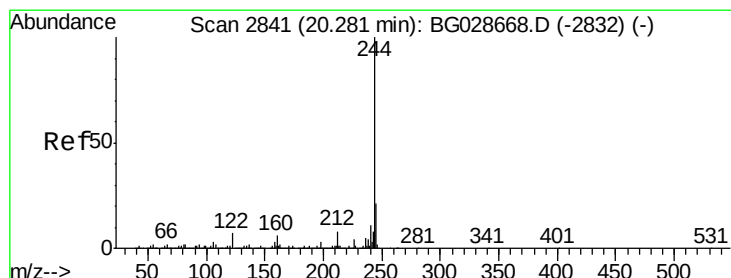
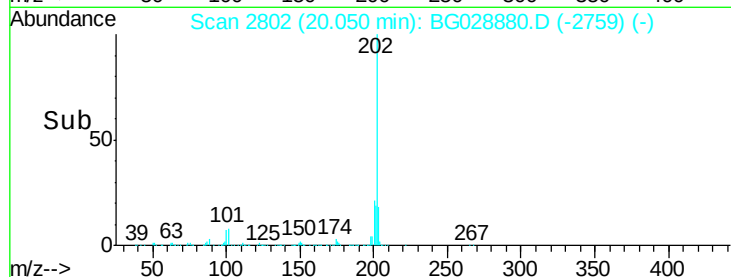
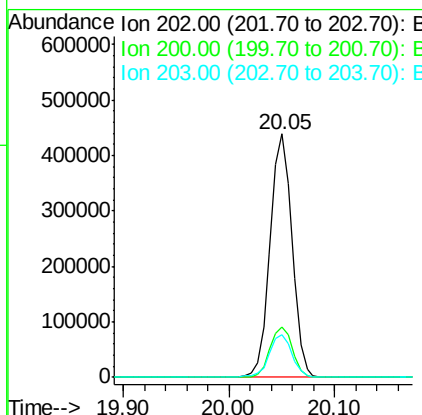
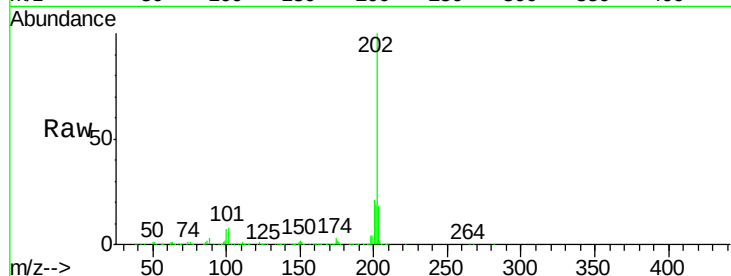
Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	628281
Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.6	29.4
203	17.6	15.8	23.8



#78

Terphenyl-d14

Concen: 73.61 ng

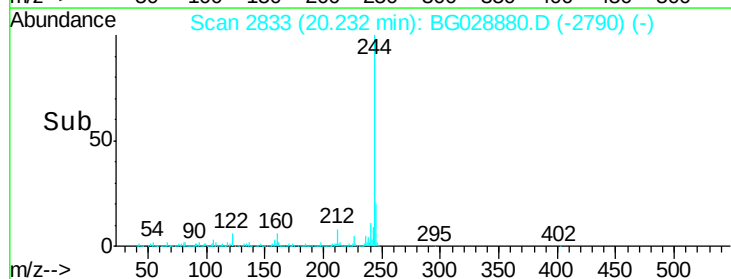
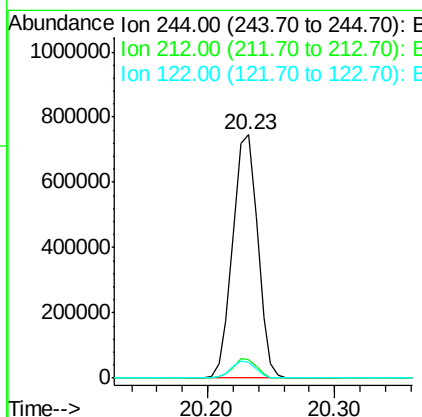
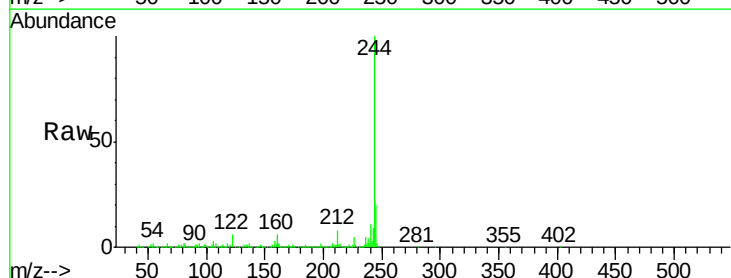
RT: 20.23 min Scan# 2833

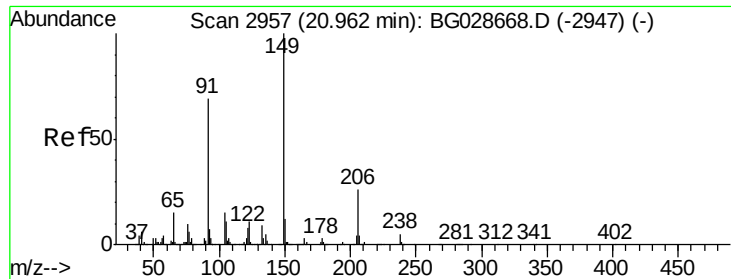
Delta R.T. -0.05 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Tgt Ion:	244	Resp:	1013539
Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	6.3	8.6	12.8#

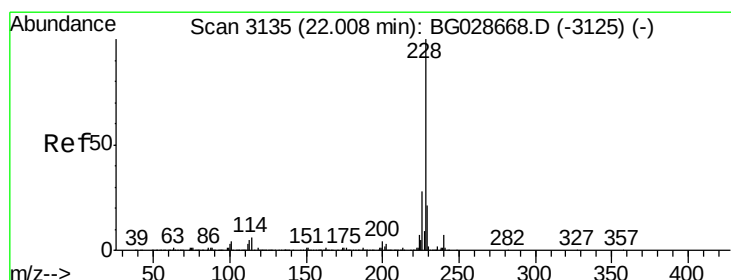
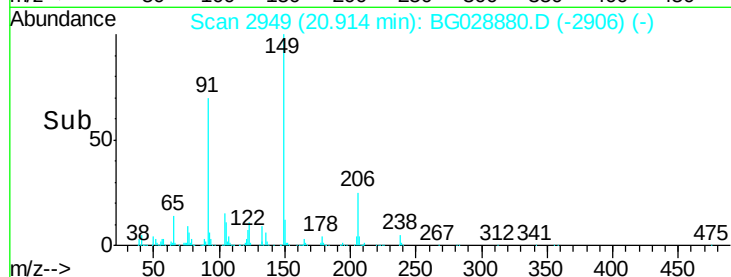
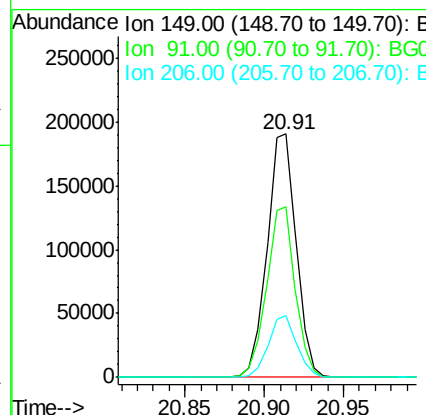
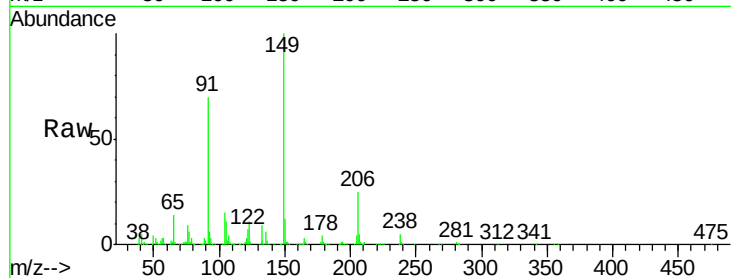




#79
Butylbenzylphthalate
Concen: 35.64 ng
RT: 20.91 min Scan# 2949
Delta R.T. -0.05 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

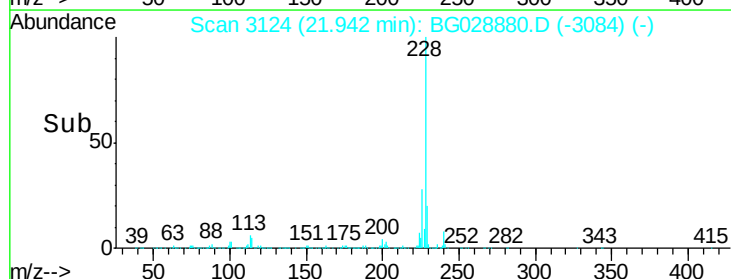
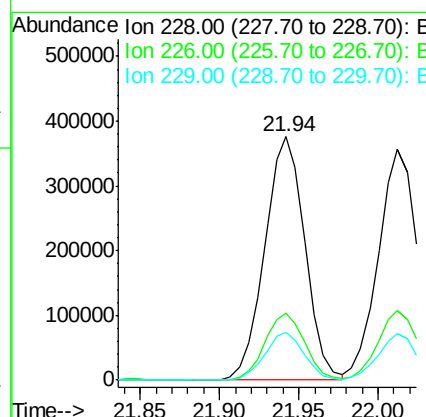
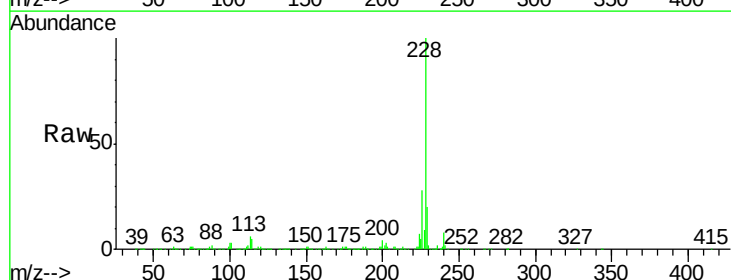
Instrument :
BNA_G
ClientSampleId :

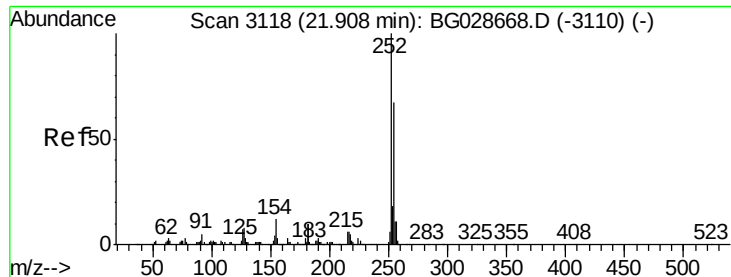
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	63.5	95.3
206	25.4	21.0	31.6



#80
Benzo(a)anthracene
Concen: 37.37 ng
RT: 21.94 min Scan# 3124
Delta R.T. -0.07 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.9	37.3
229	19.6	18.2	27.2

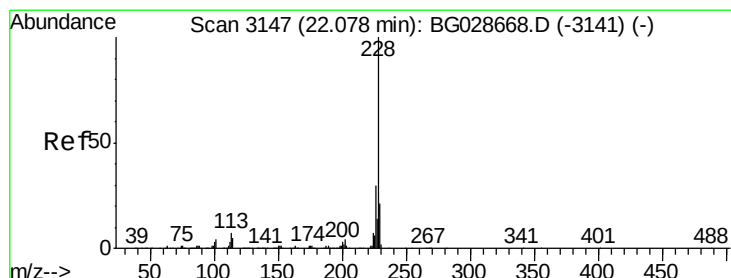
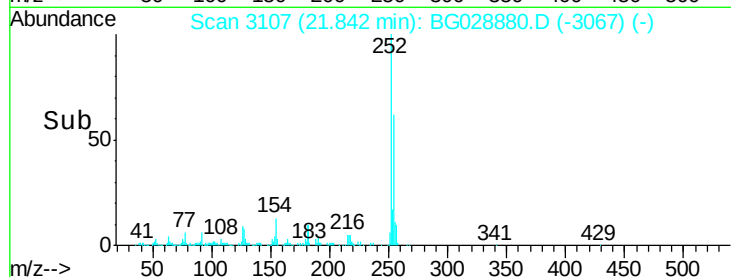
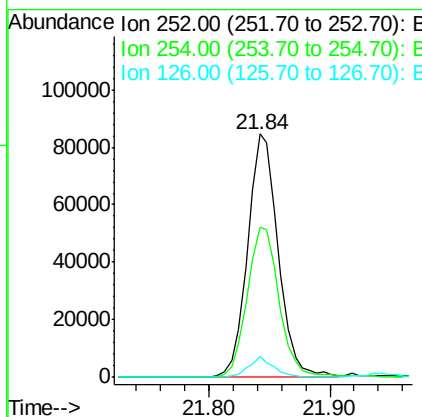
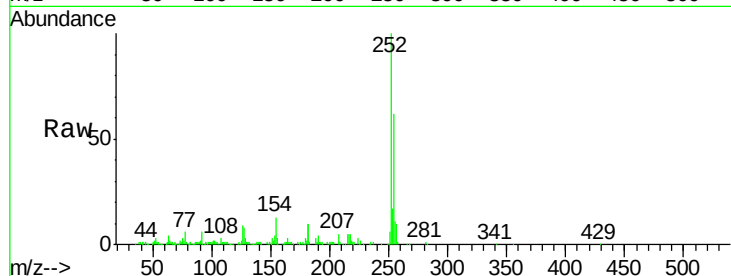




#81
 3,3'-Dichlorobenzidine
 Concen: 20.79 ng
 RT: 21.84 min Scan# 3107
 Delta R.T. -0.07 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

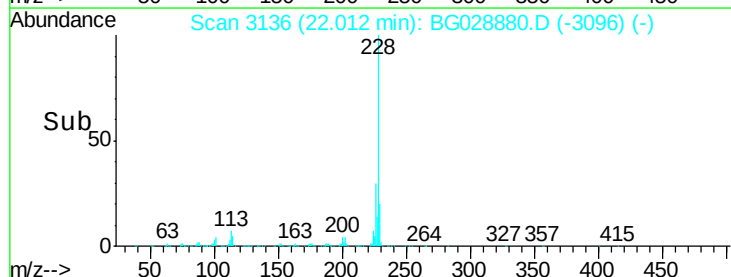
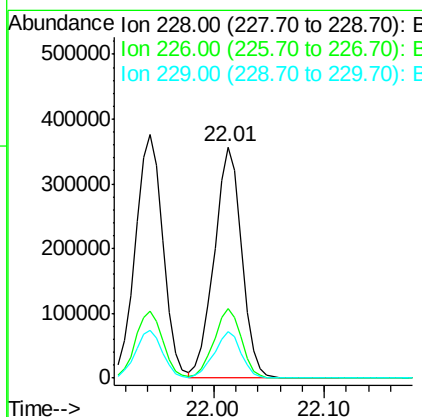
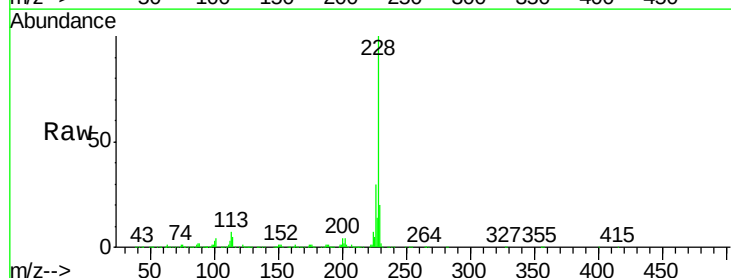
Instrument :
 BNA_G
 ClientSampleId :

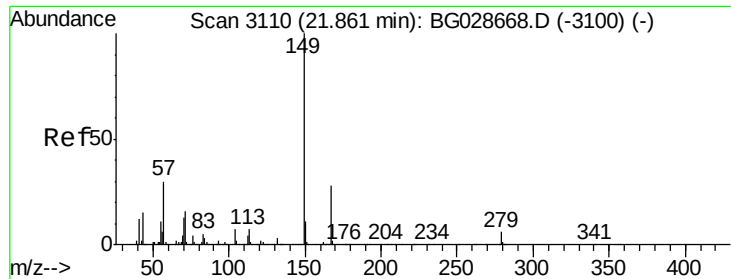
Tot Ion:252 Resp: 148990
 Ion Ratio Lower Upper
 252 100
 254 61.8 53.1 79.7
 126 8.7 7.0 10.4



#82
 Chrysene
 Concen: 36.59 ng
 RT: 22.01 min Scan# 3136
 Delta R.T. -0.07 min
 Lab File: BG028880.D
 Acq: 22 Sep 2017 18:41

Tgt Ion:228 Resp: 613631
 Ion Ratio Lower Upper
 228 100
 226 29.9 27.0 40.4
 229 20.2 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.82 ng

RT: 21.80 min Scan# 3100

Delta R.T. -0.06 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

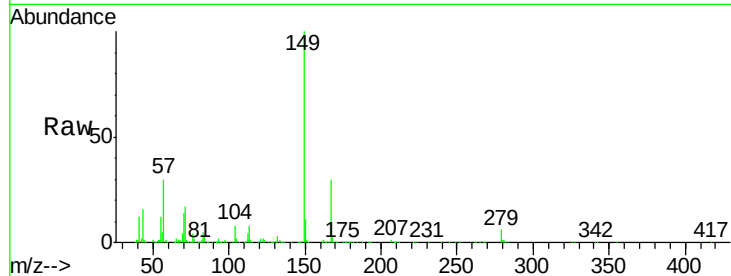
Tot Ion:149 Resp: 338618

Ion Ratio Lower Upper

149 100

167 30.1 23.7 35.5

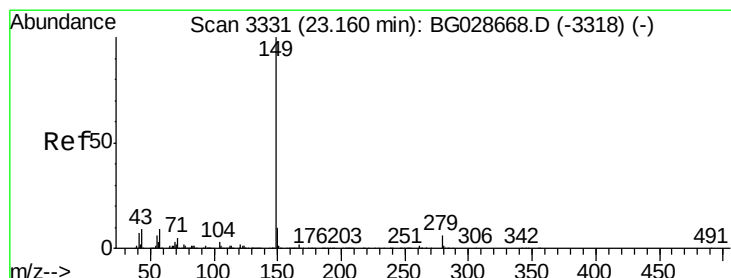
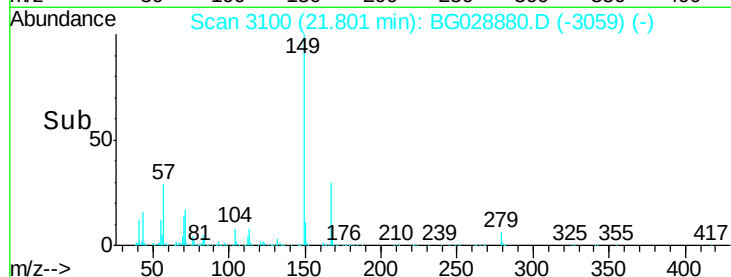
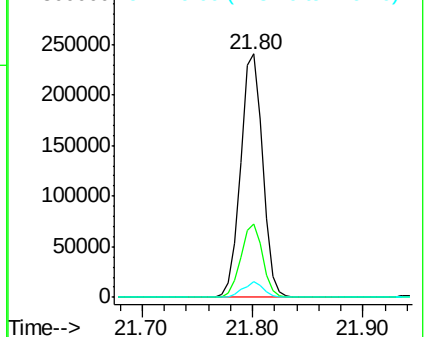
279 6.3 4.6 6.8



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: 34.76 ng

RT: 23.08 min Scan# 3318

Delta R.T. -0.08 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

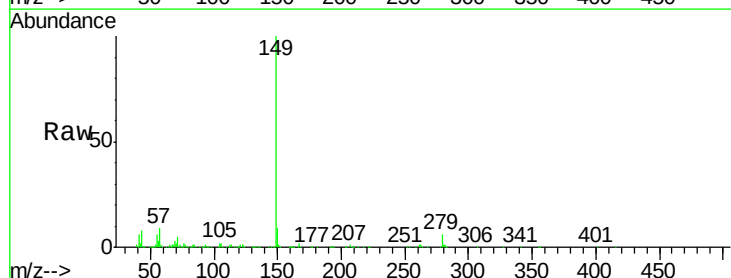
Tgt Ion:149 Resp: 590533

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

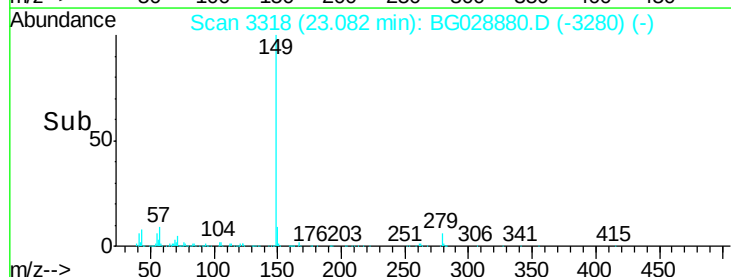
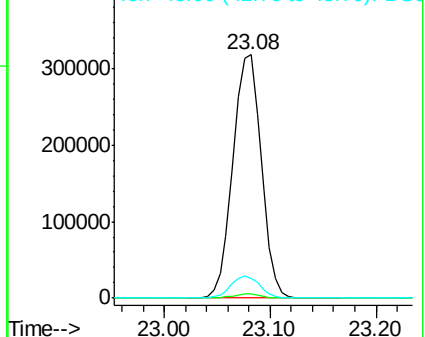
43 9.0 11.8 17.6#

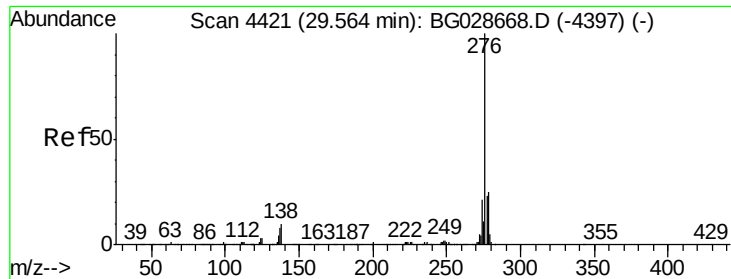


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

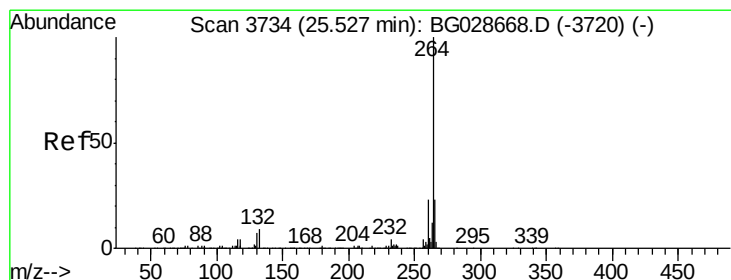
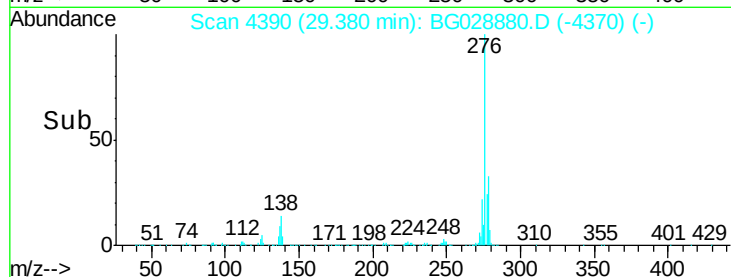
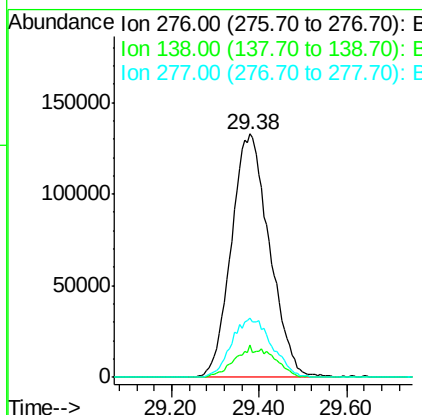
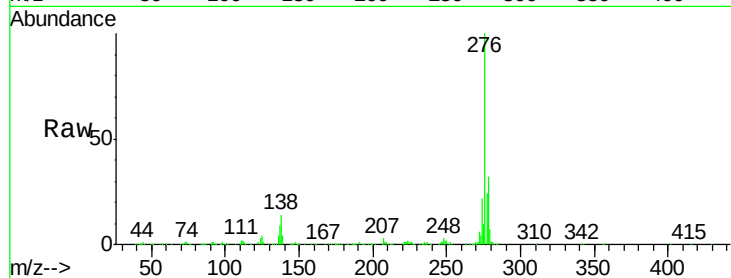




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.45 ng
RT: 29.38 min Scan# 4390
Delta R.T. -0.18 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

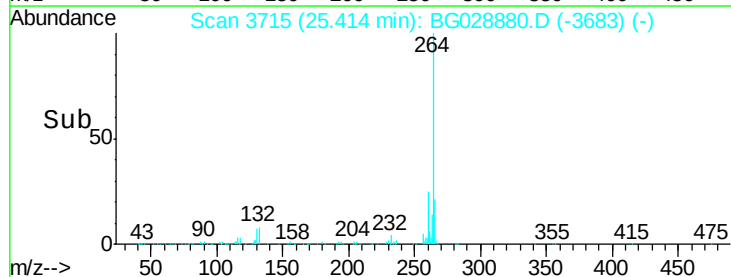
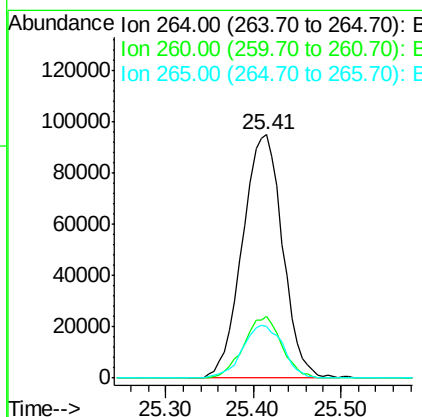
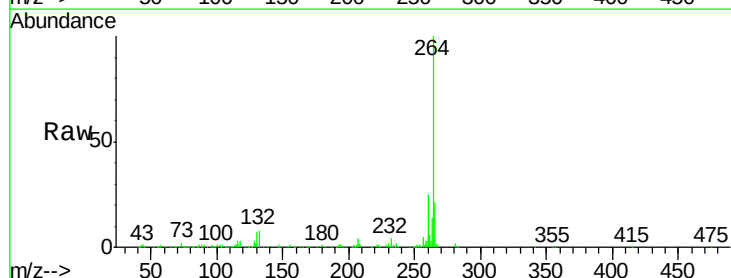
Instrument :
BNA_G
ClientSampleId :

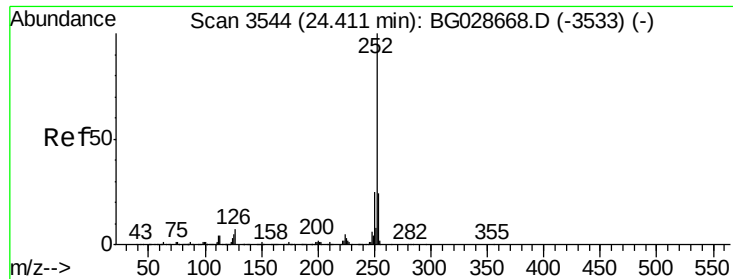
Tot Ion:276 Resp: 785340
Ion Ratio Lower Upper
276 100
138 7.7 4.7 7.1#
277 25.6 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.41 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028880.D
Acq: 22 Sep 2017 18:41

Tgt Ion:264 Resp: 296080
Ion Ratio Lower Upper
264 100
260 25.4 21.8 32.8
265 21.3 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 37.25 ng

RT: 24.38 min Scan# 3539

Delta R.T. -0.03 min

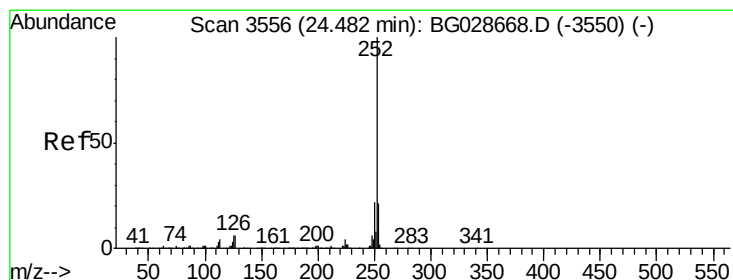
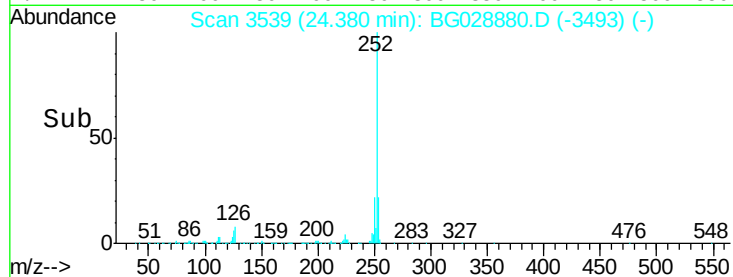
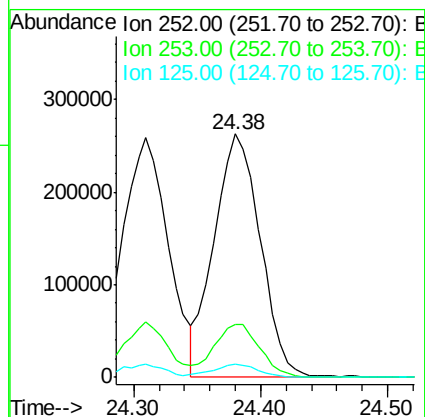
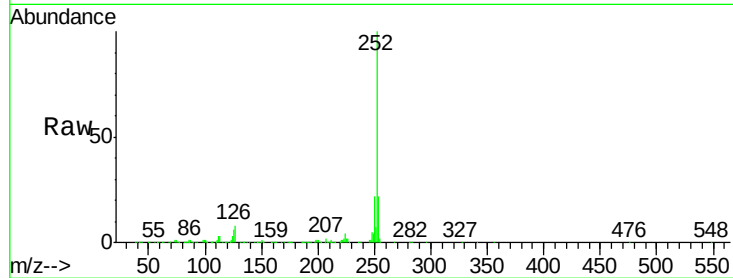
Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 660810

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	5.6	5.3	7.9



#88

Benzo(k)fluoranthene

Concen: 37.29 ng

RT: 24.38 min Scan# 3539

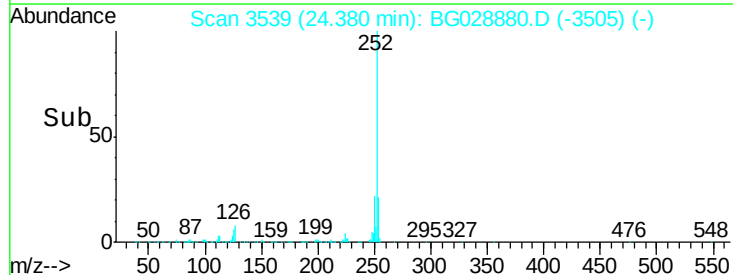
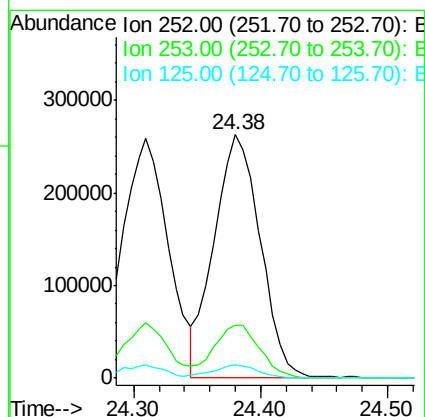
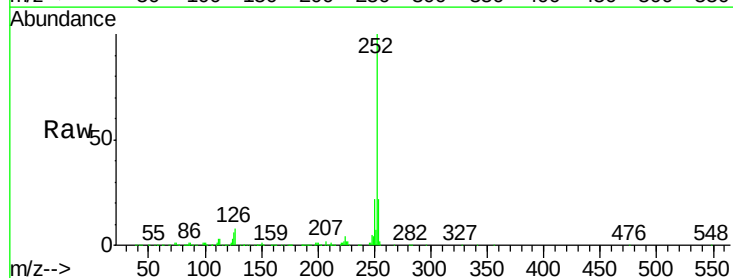
Delta R.T. -0.10 min

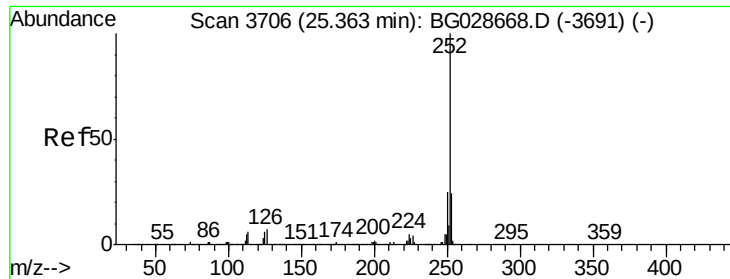
Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Tgt Ion:252 Resp: 660810

Ion	Ratio	Lower	Upper
252	100		
253	21.5	20.2	30.2
125	5.6	5.1	7.7





#89

Benzo(a)pyrene

Concen: 38.27 ng

RT: 25.25 min Scan# 3687

Delta R.T. -0.11 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampled :

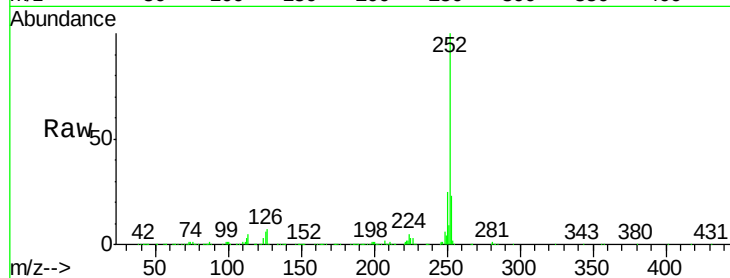
Tot Ion:252 Resp: 644301

Ion Ratio Lower Upper

252 100

253 23.0 19.2 28.8

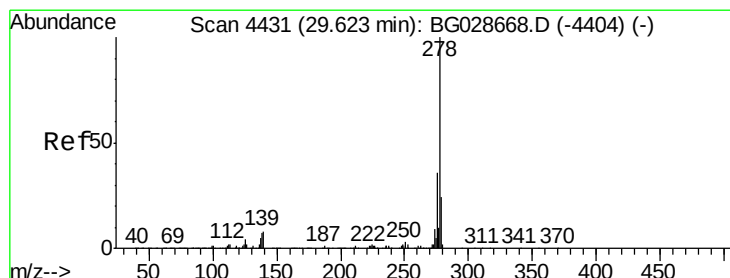
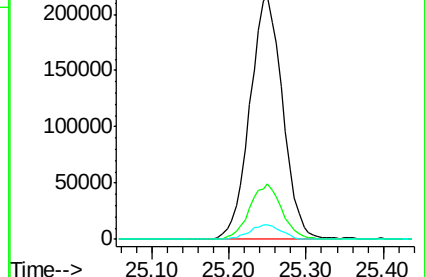
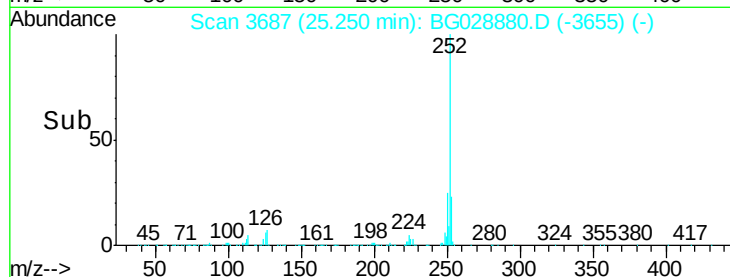
125 5.8 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.83 ng

RT: 29.43 min Scan# 4398

Delta R.T. -0.20 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

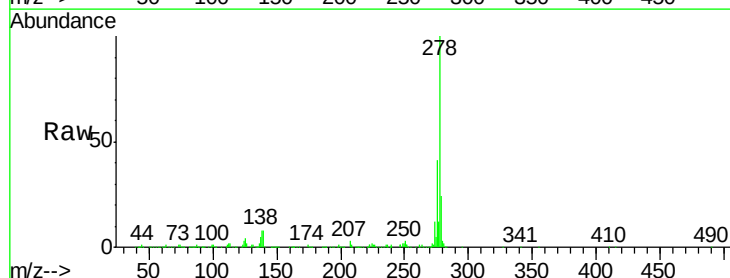
Tgt Ion:278 Resp: 664092

Ion Ratio Lower Upper

278 100

139 7.6 7.7 11.5#

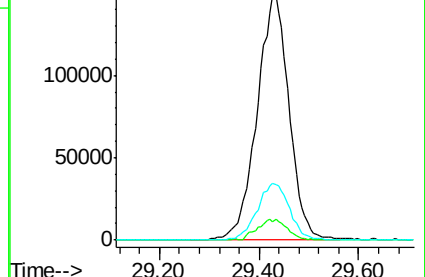
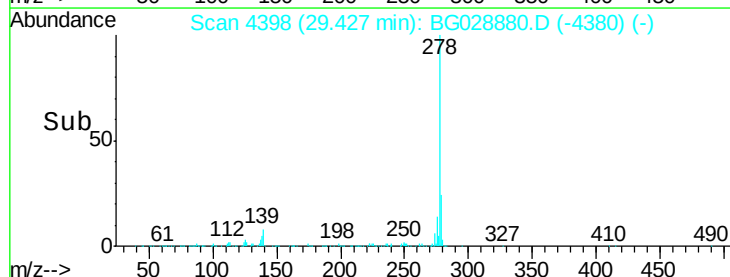
279 23.5 19.1 28.7

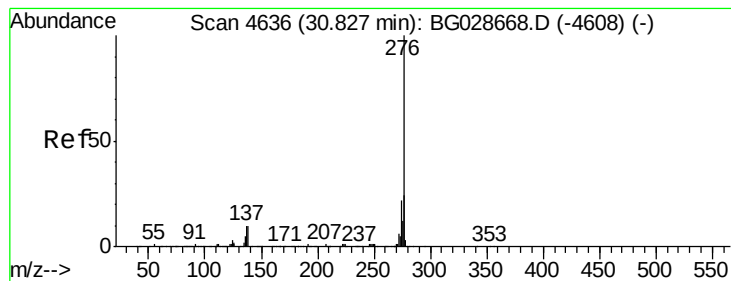


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.87 ng

RT: 30.63 min Scan# 4602

Delta R.T. -0.20 min

Lab File: BG028880.D

Acq: 22 Sep 2017 18:41

Instrument :

BNA_G

ClientSampleId :

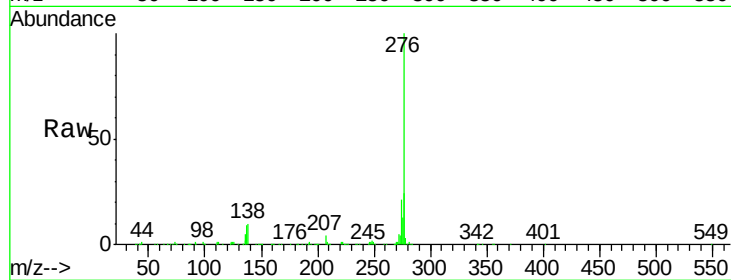
Tot Ion: 276 Resp: 648589

Ion Ratio Lower Upper

276 100

277 24.2 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

