

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022622.D
 Acq On : 26 Jun 2016 23:24
 Operator : UM/SJ
 Sample : PB91574BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91574BS

Quant Time: Jun 27 03:22:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	133781	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	564002	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	393078	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1087136	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1255488	20.00	ng	0.00
86) Perylene-d12	25.21	264	1269243	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	1021473	122.47	ng	0.00
7) Phenol-d6	7.31	99	1480599	125.94	ng	0.00
23) Nitrobenzene-d5	9.33	82	1019731	76.52	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	849064	137.33	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1994984	80.49	ng	0.00
78) Terphenyl-d14	20.15	244	3149851	66.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	100651	29.77	ng	96
3) Pyridine	3.99	79	327032	34.58	ng	95
4) n-Nitrosodimethylamine	3.90	42	190870	35.29	ng	98
6) Aniline	7.49	93	416348	26.71	ng	94
8) 2-Chlorophenol	7.72	128	354363	41.02	ng	98
10) Phenol	7.34	94	537637	43.27	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	383334	37.48	ng	93
12) 1,3-Dichlorobenzene	8.05	146	388852	36.99	ng	97
13) 1,4-Dichlorobenzene	8.20	146	390476	37.05	ng	96
14) 1,2-Dichlorobenzene	8.52	146	384655	38.38	ng	94
15) Benzyl Alcohol	8.40	79	442936	40.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	422436	37.34	ng	99
17) 2-Methylphenol	8.60	107	348281	42.52	ng	95
18) Hexachloroethane	9.26	117	162033	37.14	ng	88
19) n-Nitroso-di-n-propylamine	8.97	70	368093	37.60	ng	98
20) 3+4-Methylphenols	8.93	107	477691	42.34	ng	93
22) Acetophenone	8.99	105	630138	38.65	ng	# 92
24) Nitrobenzene	9.38	77	548464	37.24	ng	97
25) Isophorone	9.90	82	966594	37.37	ng	97
26) 2-Nitrophenol	10.09	139	215289	40.58	ng	94
27) 2,4-Dimethylphenol	10.14	122	385795	38.06	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	554636	39.27	ng	99
29) 2,4-Dichlorophenol	10.63	162	431774	43.72	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	440485	37.57	ng	93
31) Naphthalene	11.04	128	1077804	38.02	ng	99
32) Benzoic acid	10.27	122	308093	46.66	ng	95
33) 4-Chloroaniline	11.15	127	94031	7.70	ng	97
34) Hexachlorobutadiene	11.32	225	351221	38.54	ng	98
35) Caprolactam	11.92	113	152127m	48.90	ng	
36) 4-Chloro-3-methylphenol	12.26	107	524684	43.28	ng	92
37) 2-Methylnaphthalene	12.63	142	834989	37.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	567154	38.22	ng	97
40) Hexachlorocyclopentadiene	12.97	237	831554	70.19	ng	98
42) 2,4,6-Trichlorophenol	13.23	196	408738	42.95	ng	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022622.D
 Acq On : 26 Jun 2016 23:24
 Operator : UM/SJ
 Sample : PB91574BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91574BS

Quant Time: Jun 27 03:22:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	438870	44.08	ng	92
45) 1,1'-Biphenyl	13.63	154	1176117	39.28	ng	99
46) 2-Chloronaphthalene	13.68	162	958104	38.89	ng	96
47) 2-Nitroaniline	13.88	65	412146	43.34	ng	96
48) Acenaphthylene	14.52	152	1447660	40.51	ng	96
49) Dimethylphthalate	14.25	163	1318296	40.43	ng	98
50) 2,6-Dinitrotoluene	14.37	165	307688	43.42	ng	92
51) Acenaphthene	14.86	154	943525	35.84	ng	97
52) 3-Nitroaniline	14.70	138	165769	25.00	ng	83
53) 2,4-Dinitrophenol	14.90	184	425530	97.50	ng	96
54) Dibenzofuran	15.20	168	1528095	40.07	ng	99
55) 4-Nitrophenol	15.00	139	528763	94.31	ng	96
56) 2,4-Dinitrotoluene	15.15	165	457015	46.56	ng	94
57) Fluorene	15.85	166	1260794	41.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	466752m	45.21	ng	
59) Diethylphthalate	15.61	149	1389157	41.44	ng	96
60) 4-Chlorophenyl-phenylether	15.83	204	756366	41.75	ng	99
61) 4-Nitroaniline	15.87	138	313699	45.86	ng	91
62) Azobenzene	16.12	77	1413607	38.94	ng	95
64) 4,6-Dinitro-2-methylphenol	15.91	198	320165	43.91	ng	97
65) n-Nitrosodiphenylamine	16.05	169	1220162	38.57	ng	96
66) 4-Bromophenyl-phenylether	16.73	248	536577	38.05	ng	97
67) Hexachlorobenzene	16.85	284	580471	38.92	ng	95
68) Atrazine	17.00	200	549373	41.13	ng	97
69) Pentachlorophenol	17.19	266	854182	83.23	ng	99
70) Phenanthrene	17.60	178	2132026	38.46	ng	96
71) Anthracene	17.69	178	2165425	37.95	ng	97
72) Carbazole	17.96	167	1968603	40.70	ng	98
73) Di-n-butylphthalate	18.50	149	2282133	40.52	ng	97
74) Fluoranthene	19.60	202	2603195	40.76	ng	95
76) Benzidine	19.78	184	1490700	111.52	ng	99
77) Pyrene	19.97	202	2639759	39.48	ng	96
79) Butylbenzylphthalate	20.84	149	1173746	40.55	ng	93
80) Benzo(a)anthracene	21.83	228	2771633	39.90	ng	97
81) 3,3'-Dichlorobenzidine	21.74	252	564985	19.69	ng	95
82) Chrysene	21.90	228	2609669	39.98	ng	93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1564444	38.38	ng #	97
84) Di-n-octyl phthalate	22.99	149	2584064	38.46	ng	99
85) Indeno(1,2,3-cd)pyrene	29.08	276	3476293	40.52	ng #	100
87) Benzo(b)fluoranthene	24.14	252	3081675	40.38	ng	96
88) Benzo(k)fluoranthene	24.21	252	2881784	39.94	ng #	95
89) Benzo(a)pyrene	25.05	252	2993844	40.24	ng #	97
90) Dibenzo(a,h)anthracene	29.16	278	2894745	41.33	ng #	96
91) Benzo(g,h,i)perylene	30.28	276	2870523	40.26	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

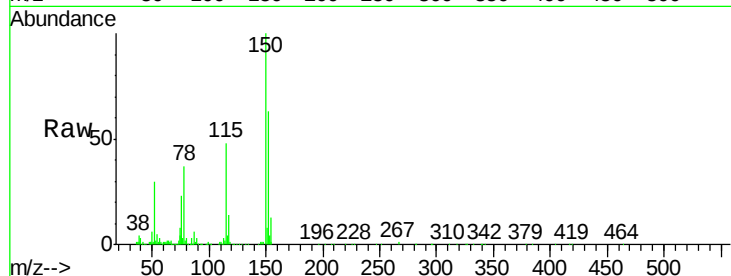
Tgt Ion:152 Resp: 133781

Ion Ratio Lower Upper

152 100

150 157.5 144.7 217.1

115 74.9 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

150000

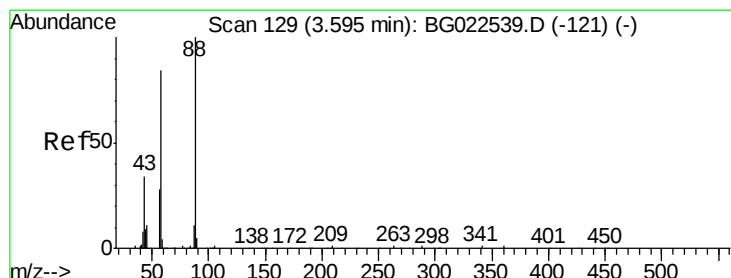
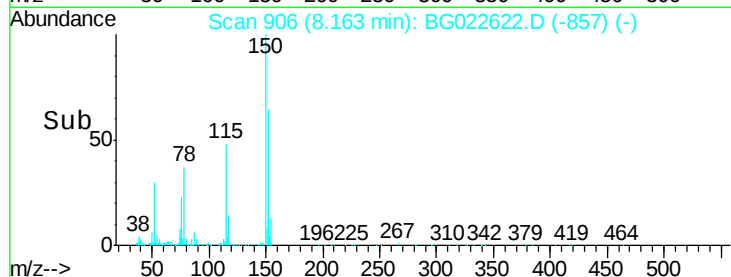
100000

50000

0

8.10 8.15 8.20 8.25

Time-->



#2

1,4-Dioxane

Concen: 29.77 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

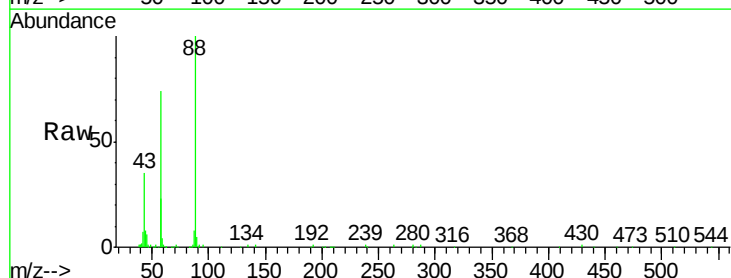
Tgt Ion: 88 Resp: 100651

Ion Ratio Lower Upper

88 100

58 77.7 60.4 90.6

43 33.9 31.1 46.7



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

100000

80000

60000

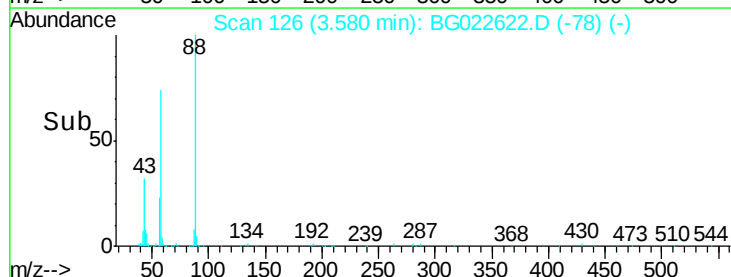
40000

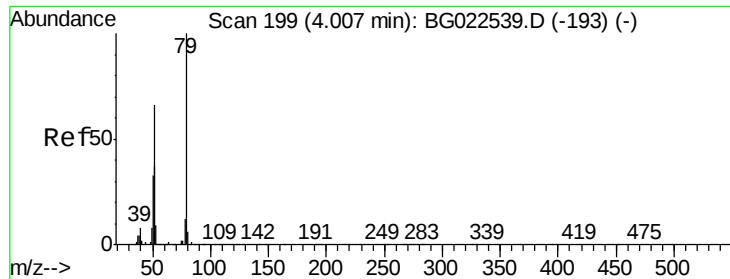
20000

0

3.50 3.60 3.70

Time-->





#3

Pyridine

Concen: 34.58 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

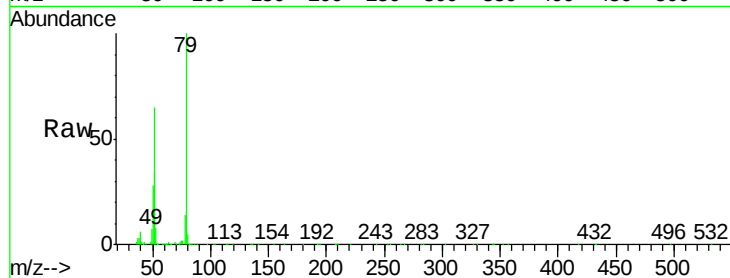
Tgt Ion: 79 Resp: 327032

Ion Ratio Lower Upper

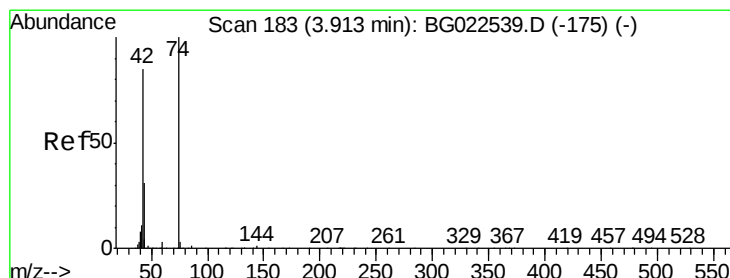
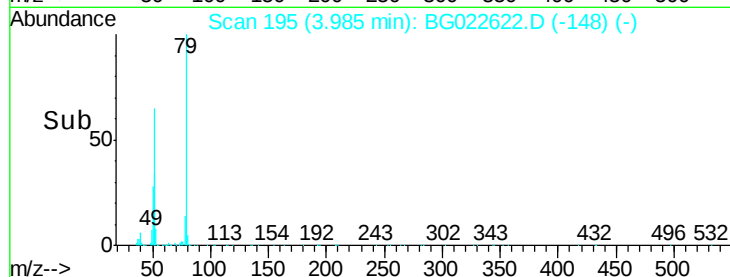
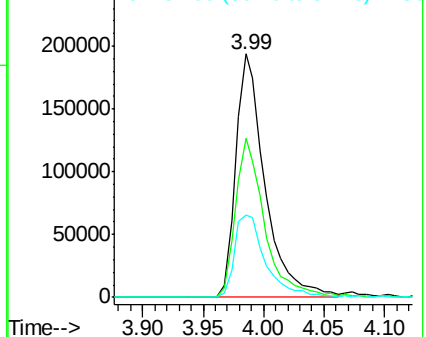
79 100

52 65.4 51.8 77.8

51 33.7 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 35.29 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

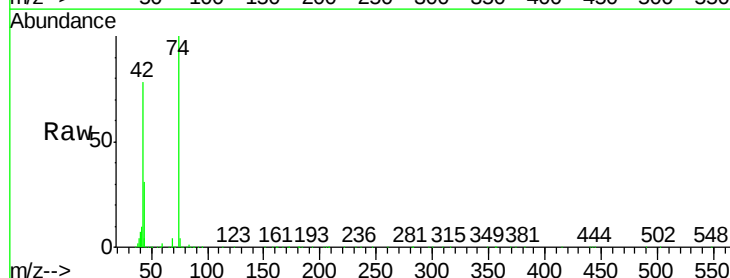
Tgt Ion: 42 Resp: 190870

Ion Ratio Lower Upper

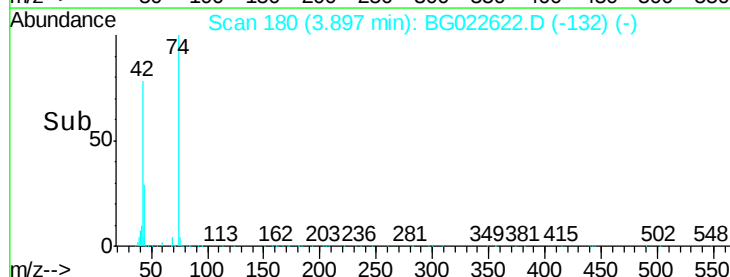
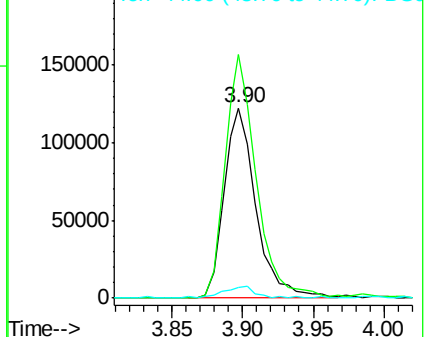
42 100

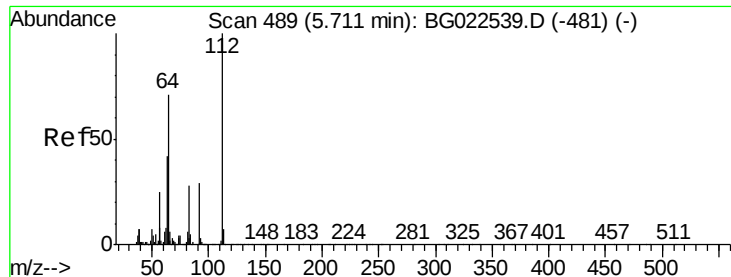
74 128.3 100.6 150.8

44 5.6 4.5 6.7



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





#5

2-Fluorophenol

Concen: 122.47 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

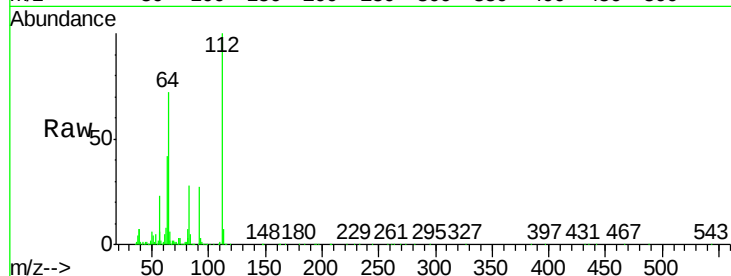
Tgt Ion: 112 Resp: 1021473

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

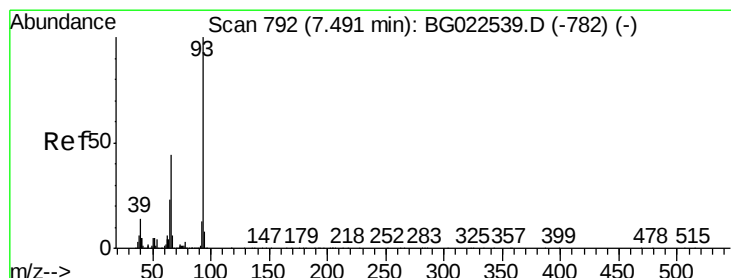
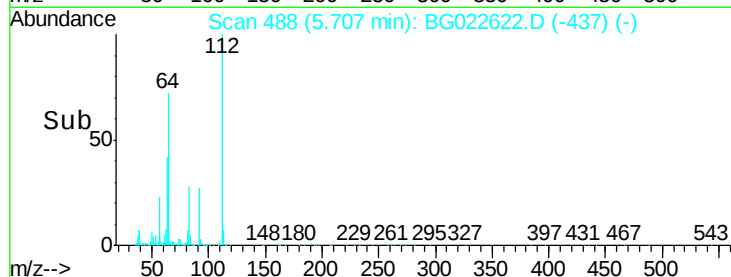
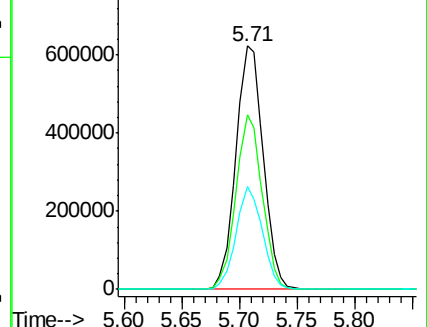
63 42.3 37.8 56.8



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: 26.71 ng

RT: 7.49 min Scan# 791

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

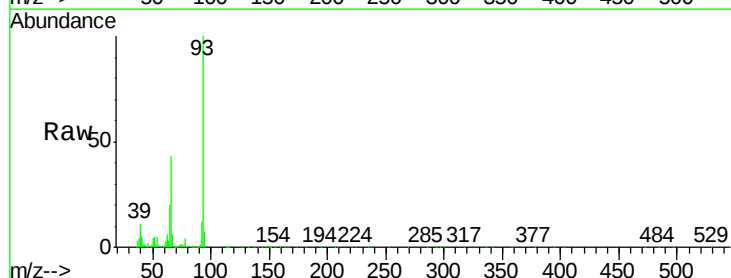
Tgt Ion: 93 Resp: 416348

Ion Ratio Lower Upper

93 100

66 42.8 37.5 56.3

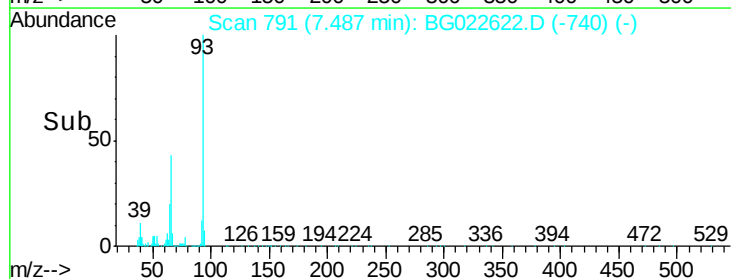
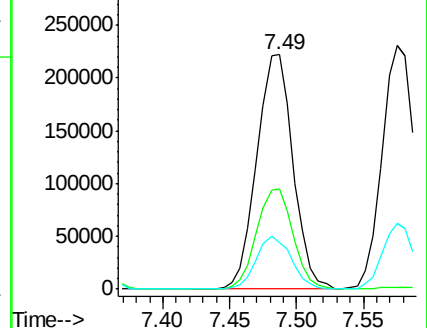
65 20.0 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.94 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

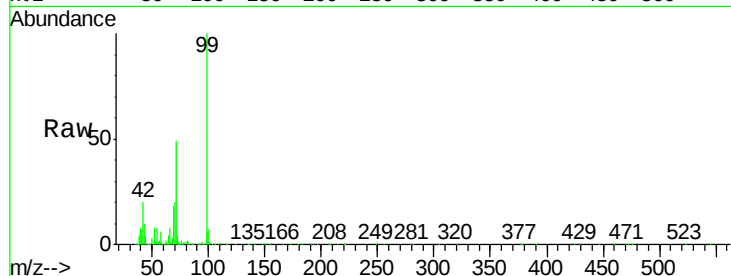
Tgt Ion: 99 Resp: 1480599

Ion Ratio Lower Upper

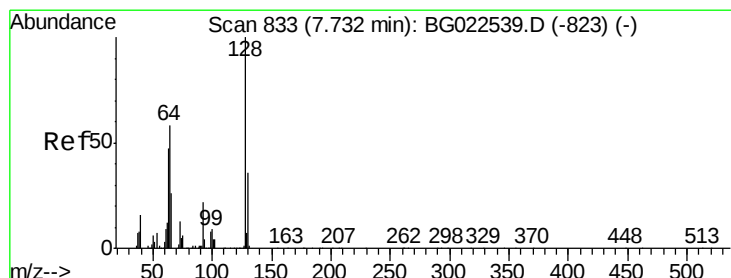
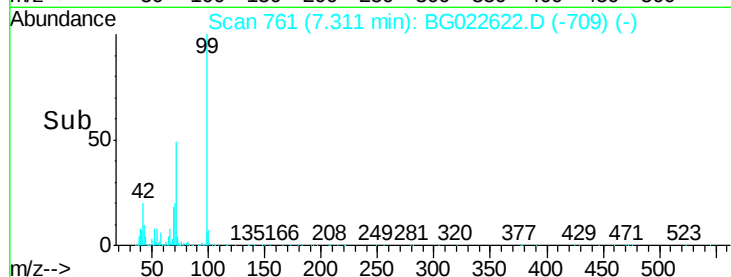
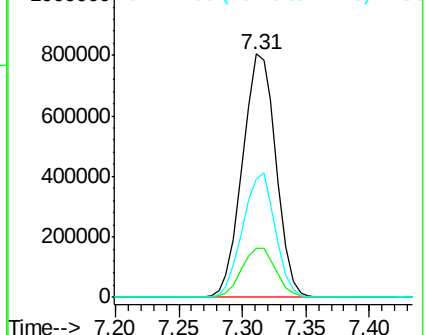
99 100

42 19.9 17.8 26.6

71 48.7 41.5 62.3



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



#8

2-Chlorophenol

Concen: 41.02 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

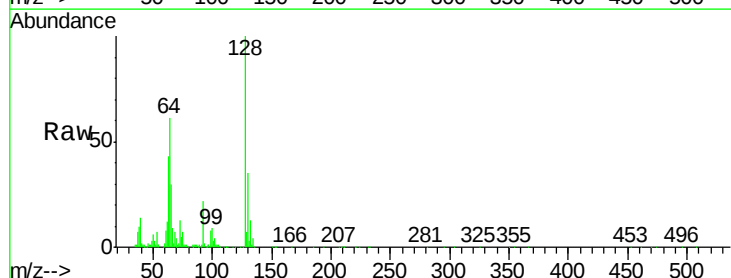
Tgt Ion: 128 Resp: 354363

Ion Ratio Lower Upper

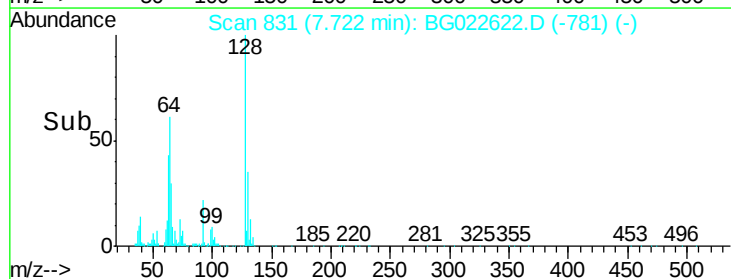
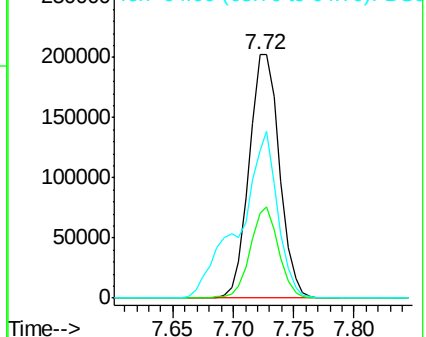
128 100

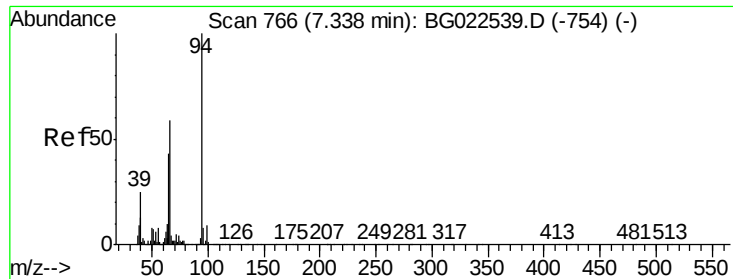
130 35.0 12.9 52.9

64 60.8 42.0 82.0



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





#10

Phenol

Concen: 43.27 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

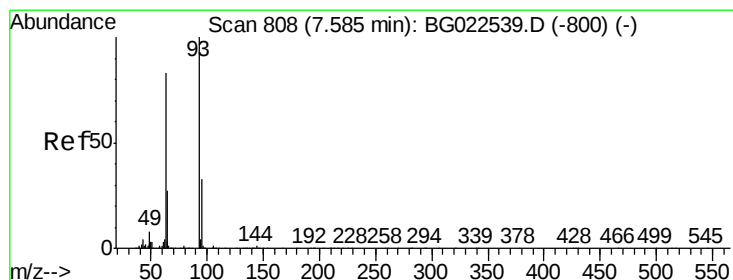
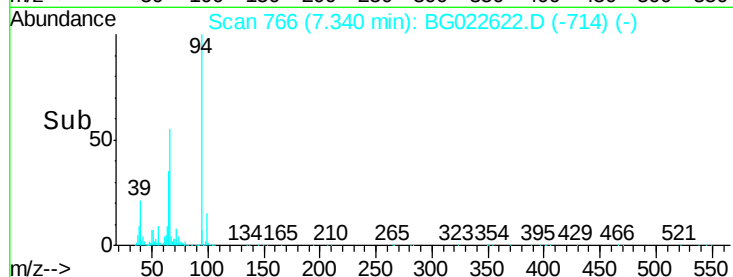
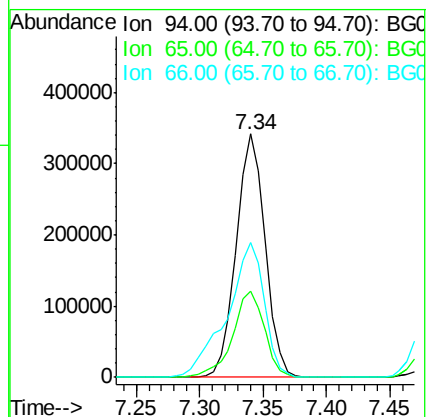
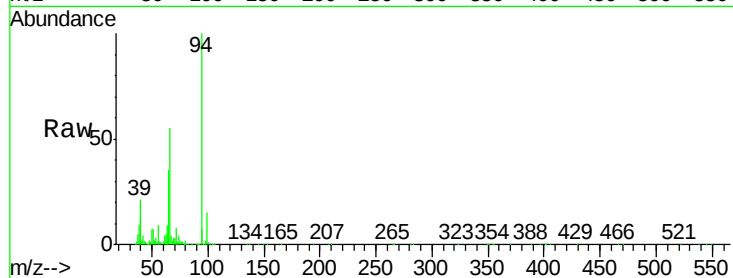
Tgt Ion: 94 Resp: 537637

Ion Ratio Lower Upper

94 100

65 35.5 18.1 58.1

66 55.4 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 37.48 ng

RT: 7.58 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

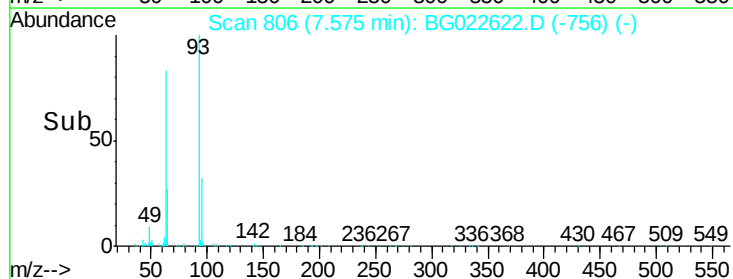
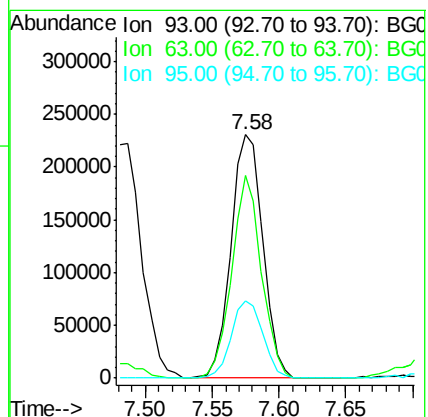
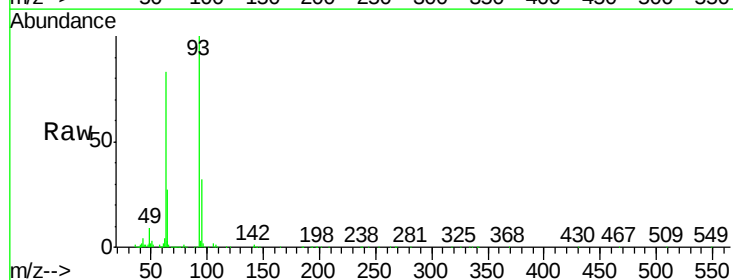
Tgt Ion: 93 Resp: 383334

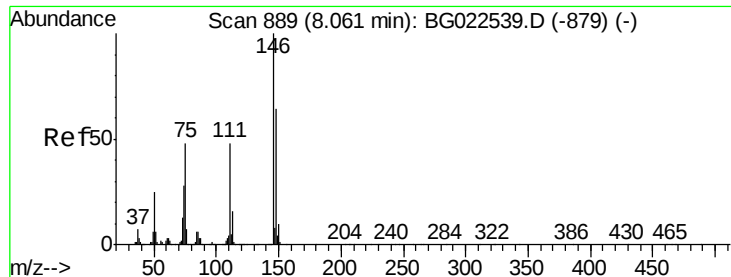
Ion Ratio Lower Upper

93 100

63 83.0 55.0 95.0

95 31.8 11.0 51.0

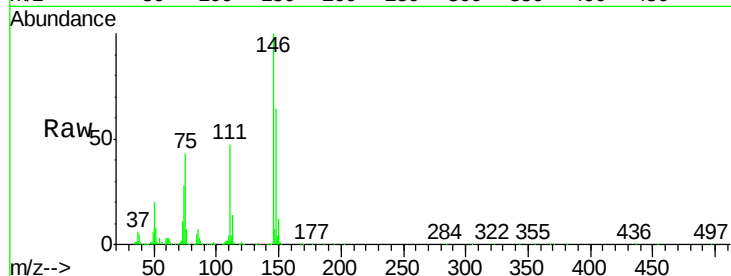




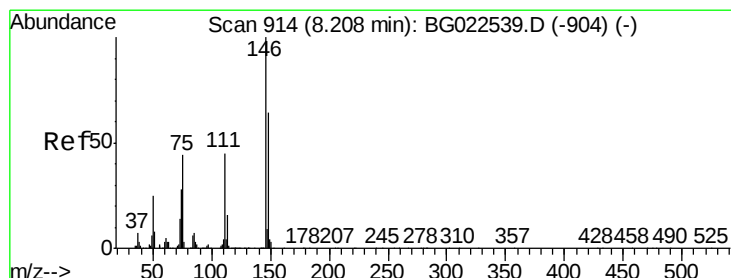
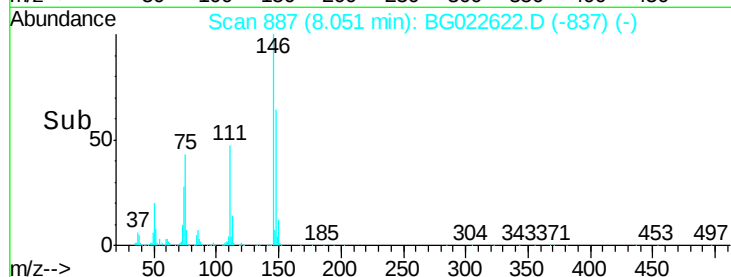
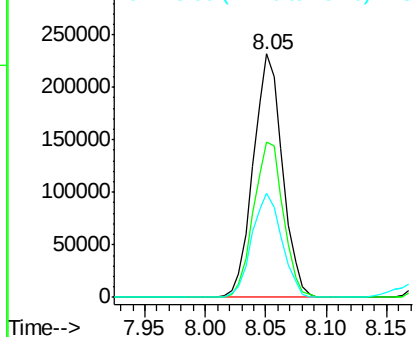
#12
 1,3-Dichlorobenzene
 Concen: 36.99 ng
 RT: 8.05 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BG022622.D
 Acq: 26 Jun 2016 23:24

Instrument :
 BNA_G
 ClientSampleId :
 PB91574BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
75	42.8	37.0	55.6

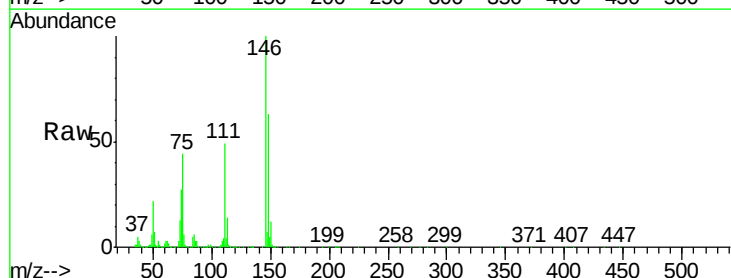


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

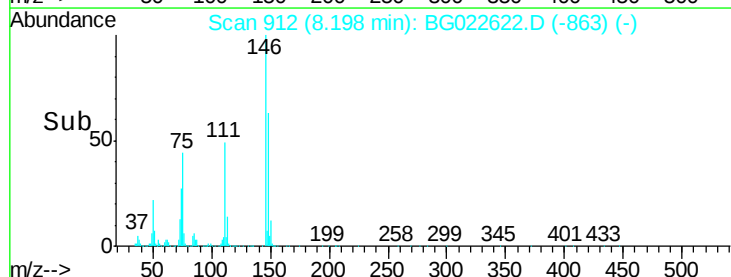
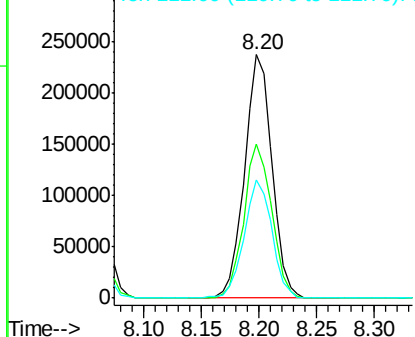


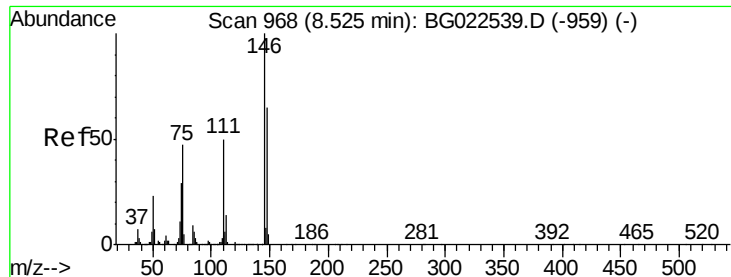
#13
 1,4-Dichlorobenzene
 Concen: 37.05 ng
 RT: 8.20 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BG022622.D
 Acq: 26 Jun 2016 23:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	54.5	81.7
111	48.6	37.8	56.8



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





#14

1,2-Dichlorobenzene

Concen: 38.38 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

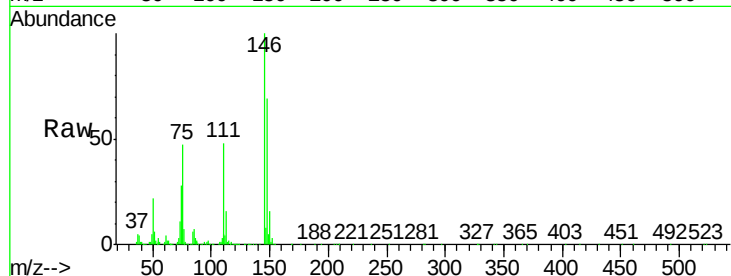
Instrument :

BNA_G

ClientSampleId :

PB91574BS

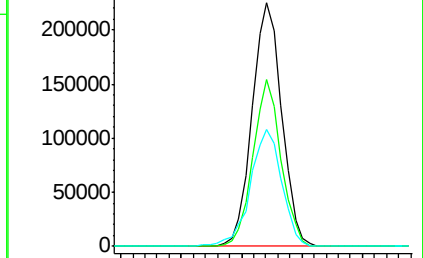
Tgt Ion:	146	Resp:	384655
Ion	Ratio	Lower	Upper
146	100		
148	68.5	52.9	79.3
111	48.1	43.5	65.3



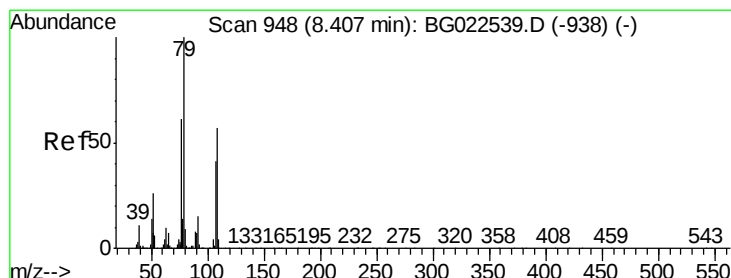
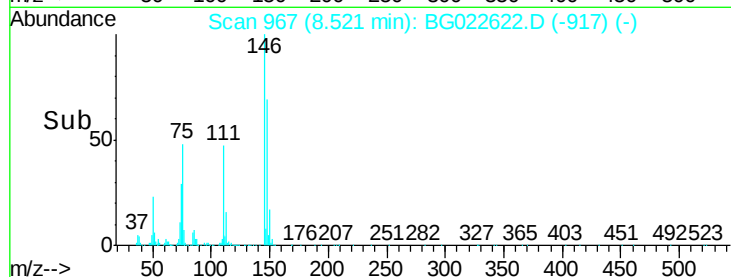
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time--> 8.40 8.45 8.50 8.55 8.60



#15

Benzyl Alcohol

Concen: 40.72 ng

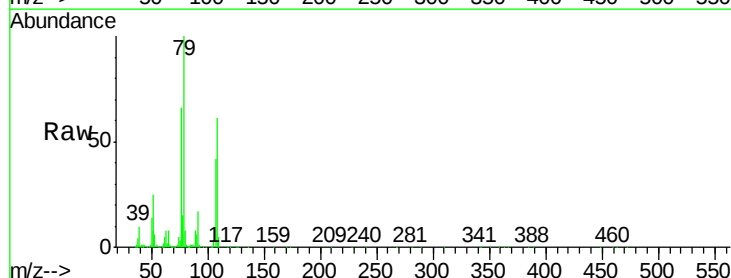
RT: 8.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

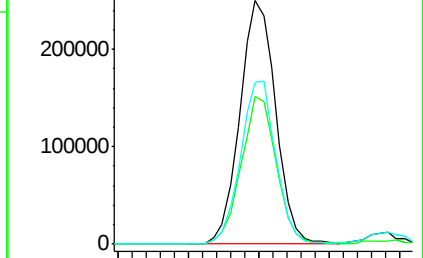
Tgt Ion:	79	Resp:	442936
Ion	Ratio	Lower	Upper
79	100		
108	60.6	46.5	69.7
77	66.3	52.3	78.5



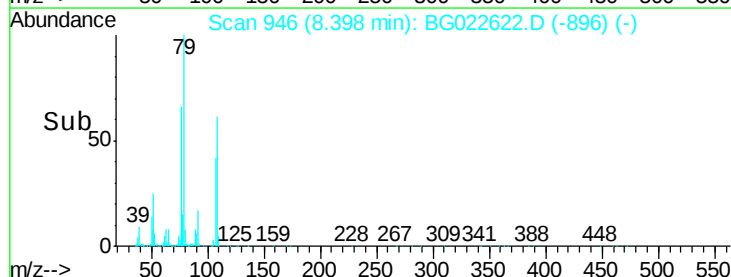
Abundance Ion 79.00 (78.70 to 79.70): BGC

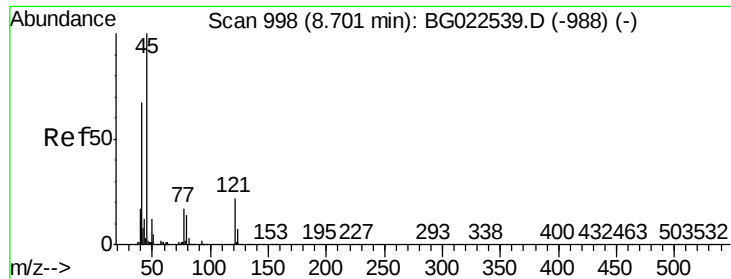
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time--> 8.30 8.35 8.40 8.45

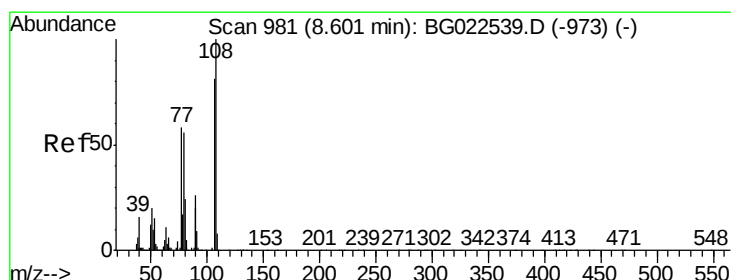
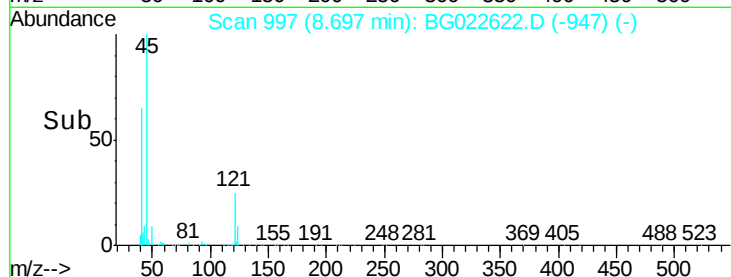
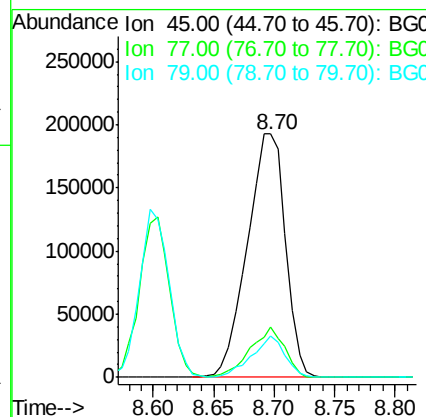
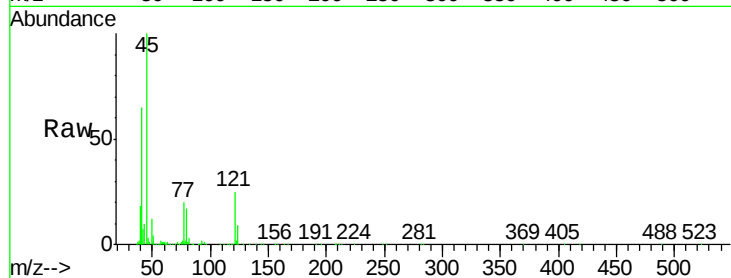




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.34 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

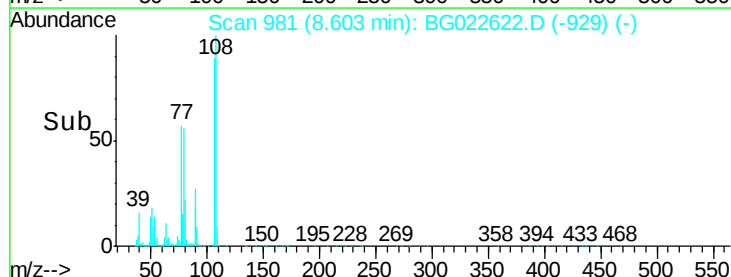
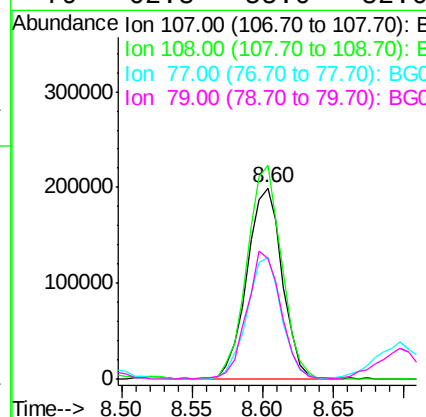
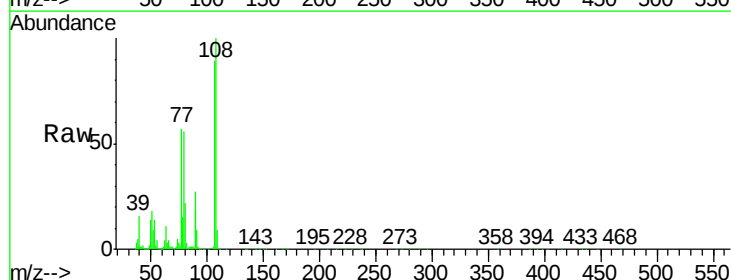
Instrument :
BNA_G
ClientSampleId :
PB91574BS

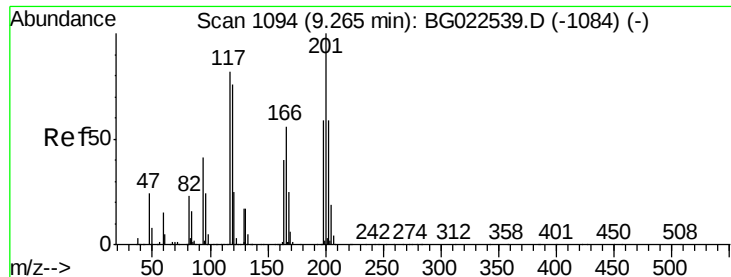
Tgt Ion: 45 Resp: 422436
Ion Ratio Lower Upper
45 100
77 20.4 0.6 40.6
79 17.0 0.0 36.2



#17
2-Methylphenol
Concen: 42.52 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion: 107 Resp: 348281
Ion Ratio Lower Upper
107 100
108 111.7 92.0 138.0
77 63.5 55.8 83.6
79 62.8 55.0 82.6





#18

Hexachloroethane

Concen: 37.14 ng

RT: 9.26 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

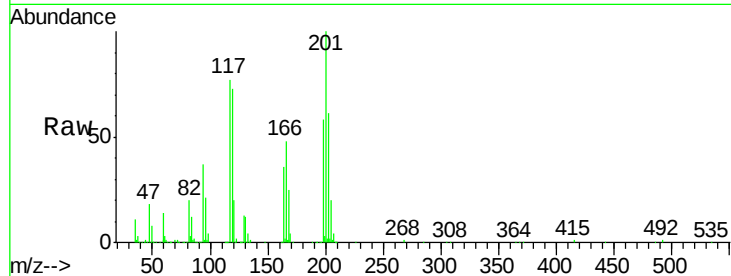
Tgt Ion: 117 Resp: 162033

Ion Ratio Lower Upper

117 100

119 95.2 73.7 110.5

201 130.6 88.7 133.1

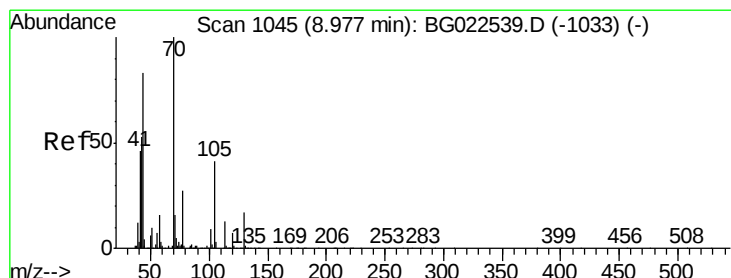
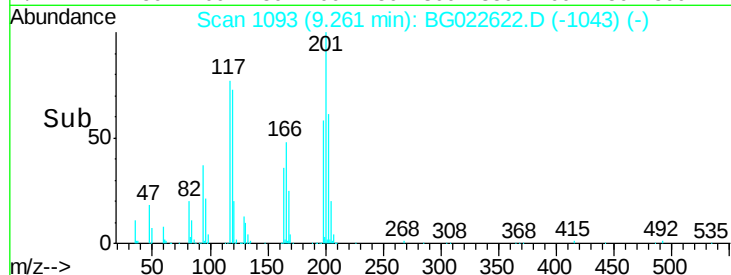
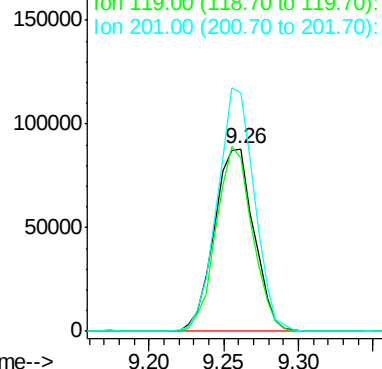


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 37.60 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Tgt Ion: 70 Resp: 368093

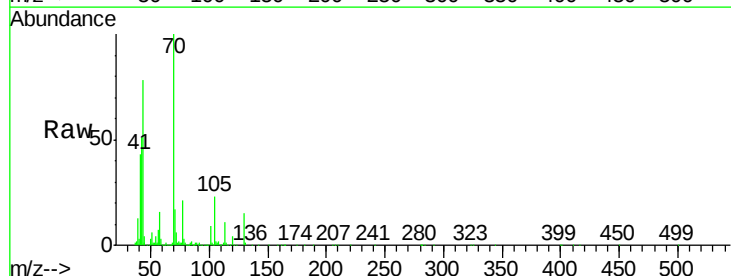
Ion Ratio Lower Upper

70 100

42 51.4 42.1 63.1

101 9.1 7.2 10.8

130 15.3 14.2 21.2



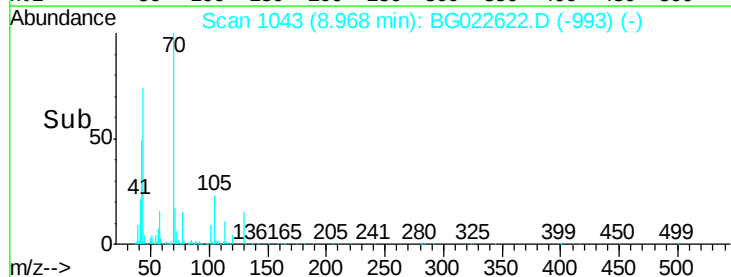
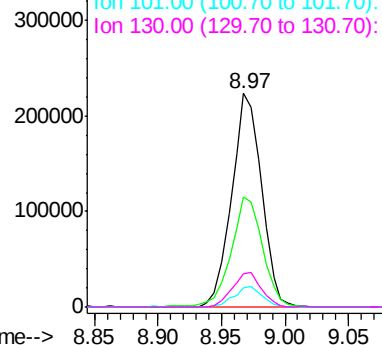
Abundance

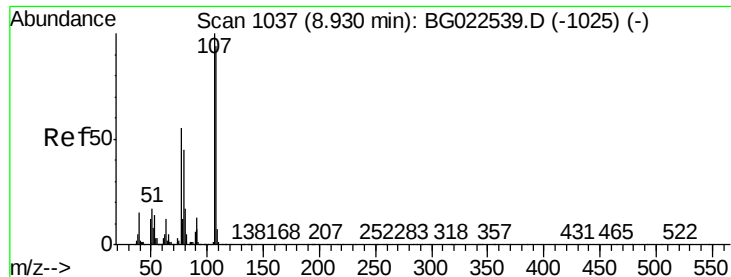
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

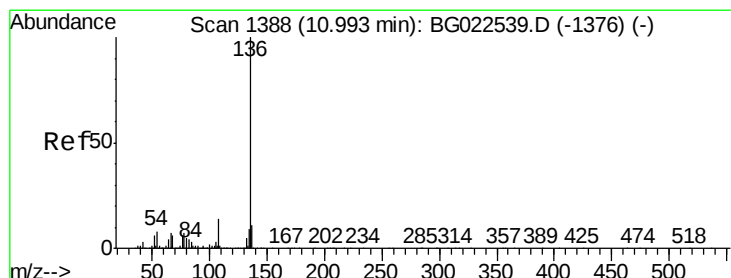
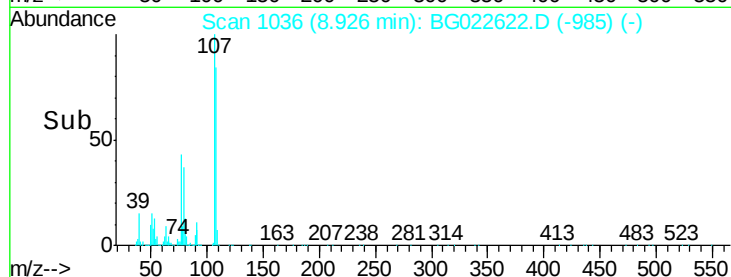
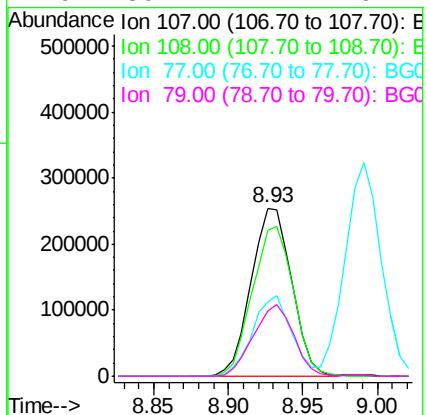
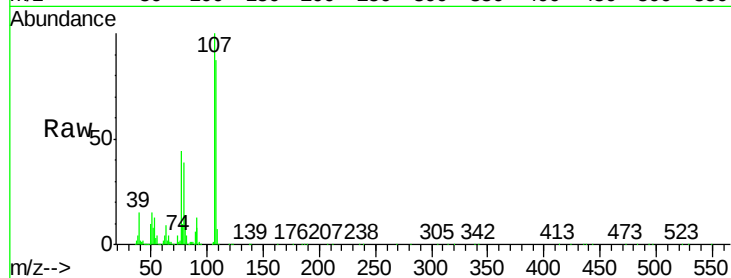




#20
3+4-Methylphenols
Concen: 42.34 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

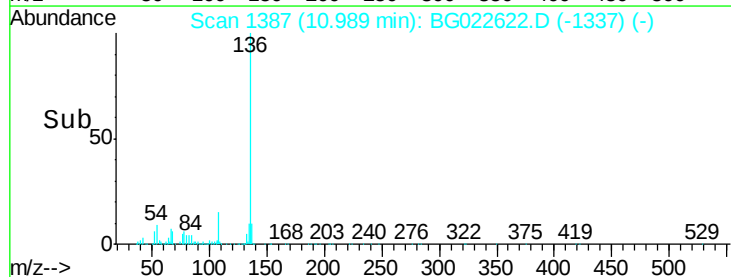
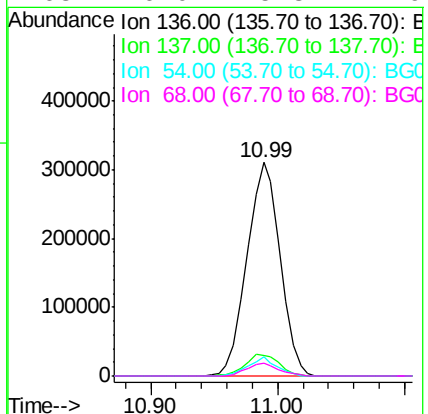
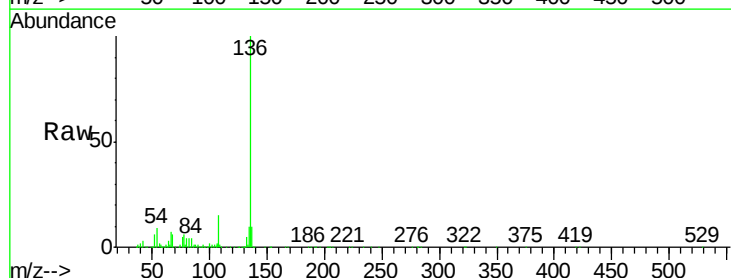
Instrument :
BNA_G
ClientSampleId :
PB91574BS

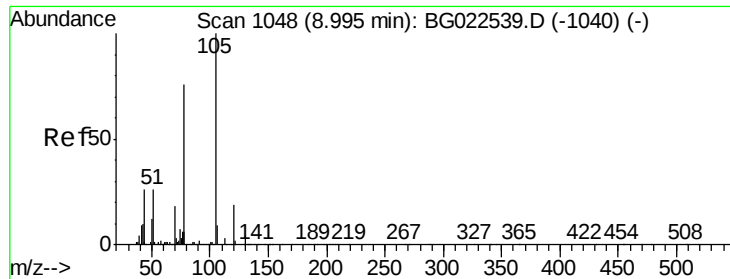
Tgt Ion:	107	Resp:	477691
Ion	Ratio	Lower	Upper
107	100		
108	86.9	72.5	112.5
77	44.5	30.1	70.1
79	39.2	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:	136	Resp:	564002
Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.6	14.4#
54	8.8	7.3	10.9
68	6.0	5.3	7.9





#22

Acetophenone

Concen: 38.65 ng

RT: 8.99 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

Tgt Ion:105 Resp: 630138

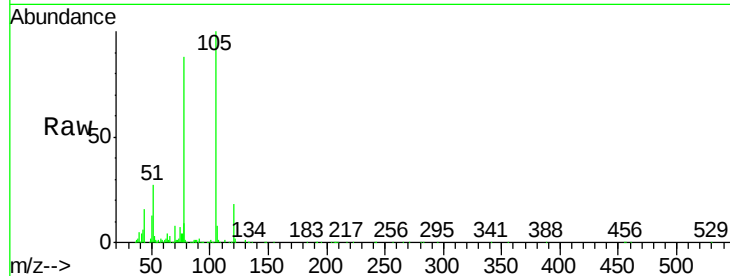
Ion Ratio Lower Upper

105 100

71 1.2 2.6 3.8#

51 27.1 27.1 40.7#

120 17.8 15.1 22.7

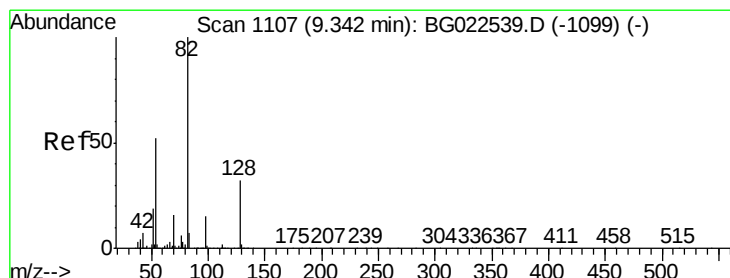
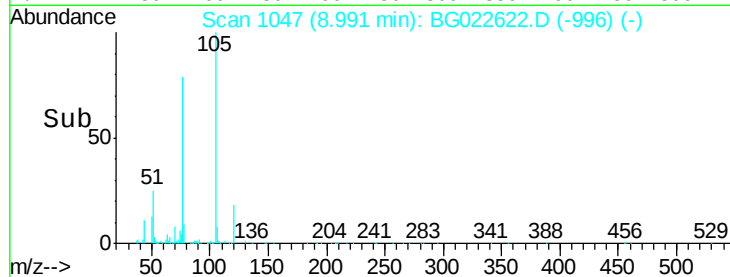
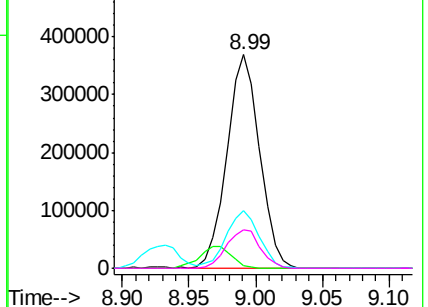


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 76.52 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

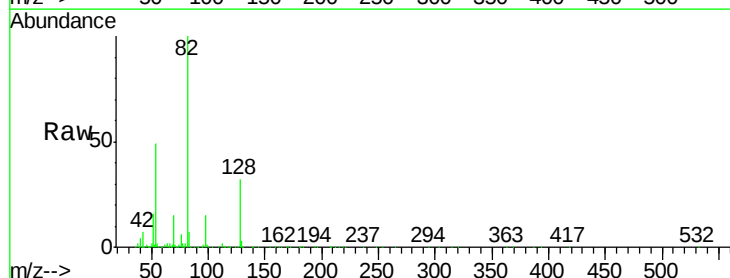
Tgt Ion: 82 Resp: 1019731

Ion Ratio Lower Upper

82 100

128 32.0 24.4 36.6

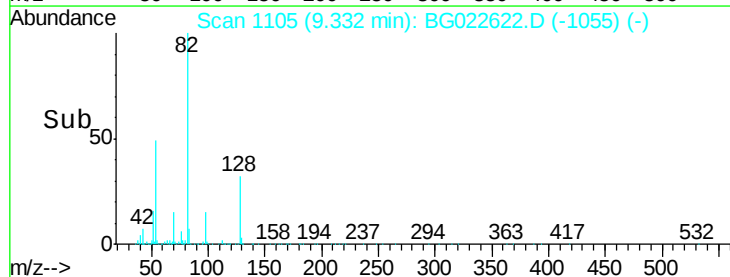
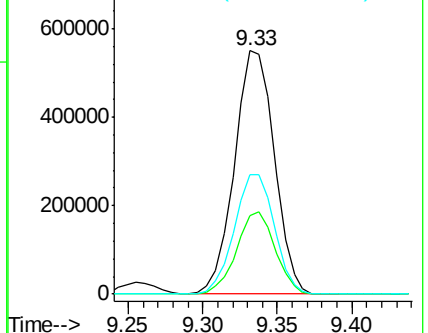
54 49.1 41.4 62.0

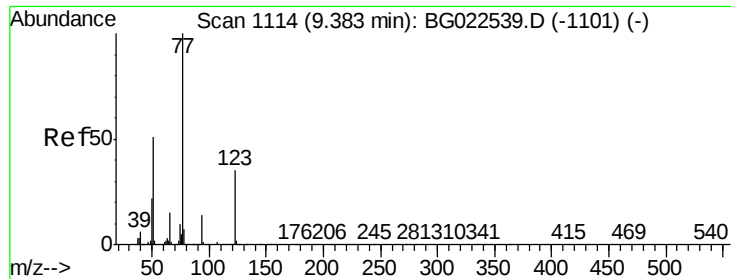


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

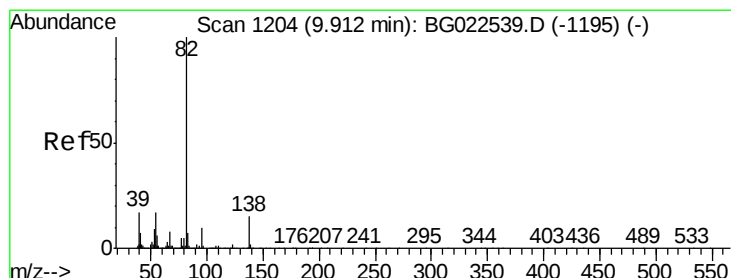
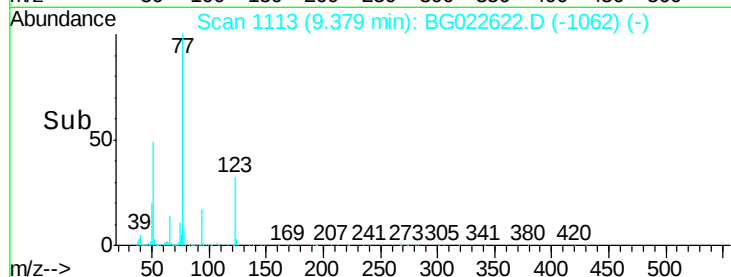
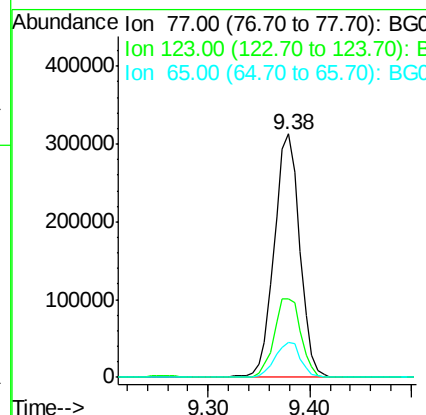
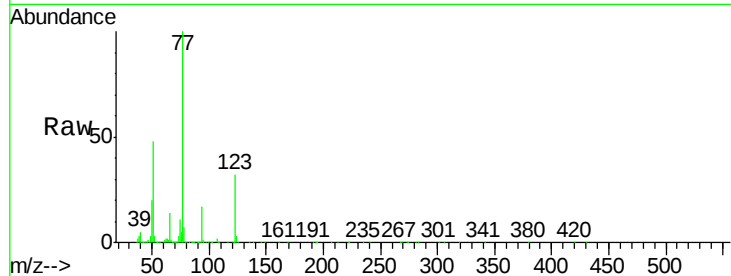




#24
Nitrobenzene
Concen: 37.24 ng
RT: 9.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

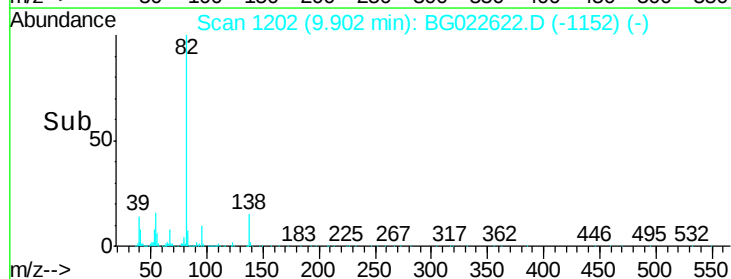
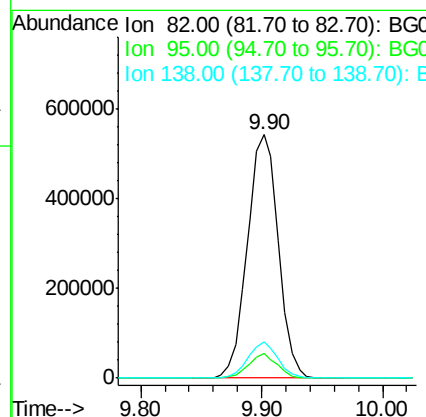
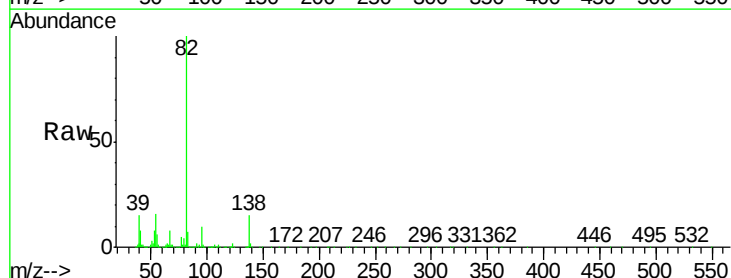
Instrument :
BNA_G
ClientSampleId :
PB91574BS

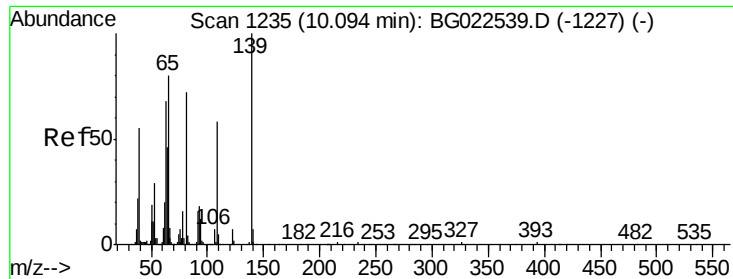
Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.2	25.0	37.6
65	14.1	13.4	20.0



#25
Isophorone
Concen: 37.37 ng
RT: 9.90 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.0	8.2	12.2
138	15.1	10.7	16.1

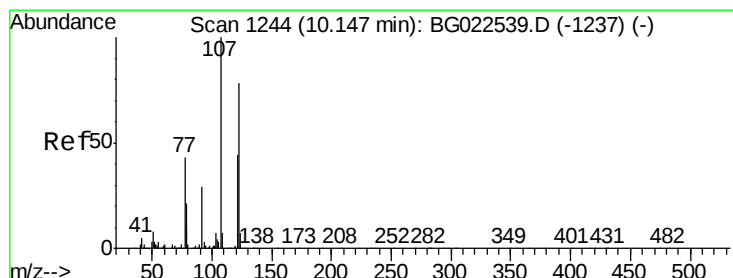
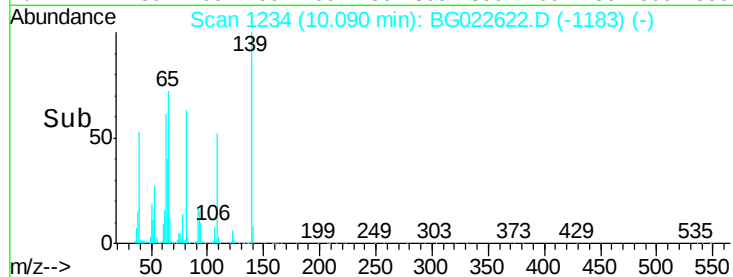
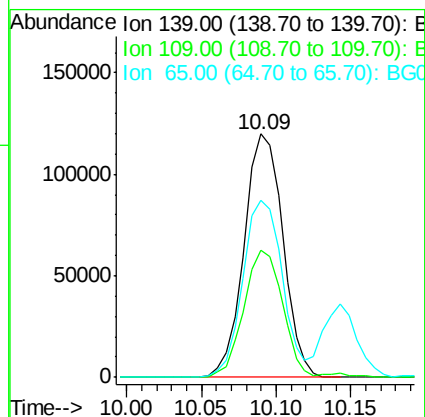
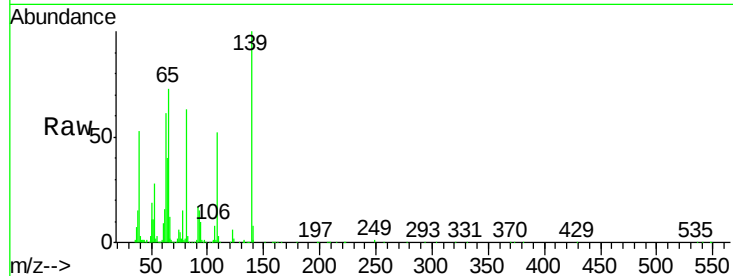




#26
2-Nitrophenol
Concen: 40.58 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

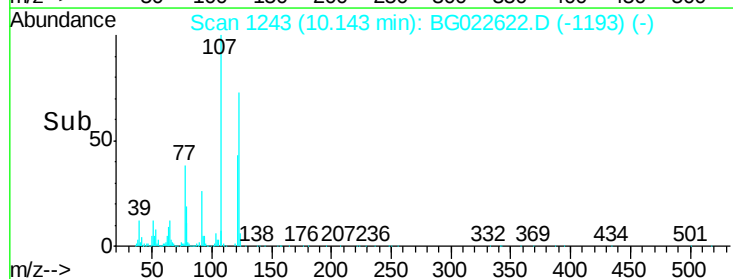
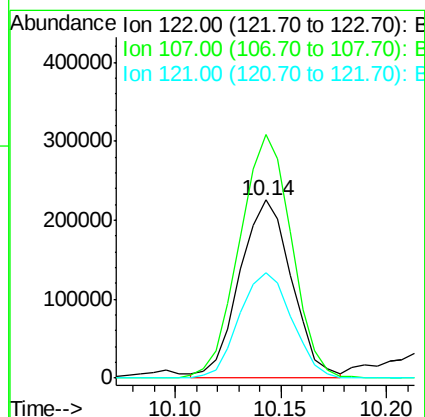
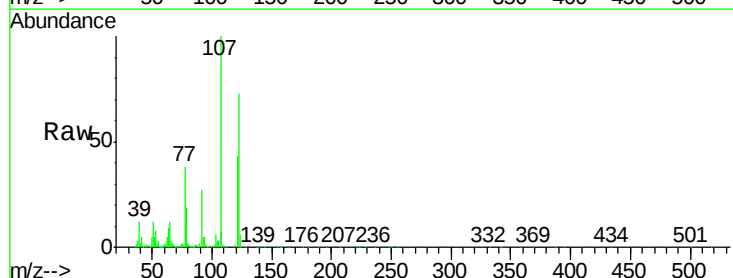
Instrument :
BNA_G
ClientSampleId :
PB91574BS

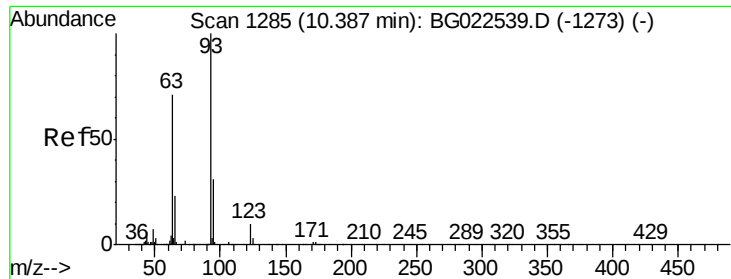
Tgt Ion	Ratio	Lower	Upper
139	100		
109	52.3	43.5	65.3
65	72.6	64.3	96.5



#27
2,4-Dimethylphenol
Concen: 38.06 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.9	117.0	175.4
121	59.1	50.1	75.1

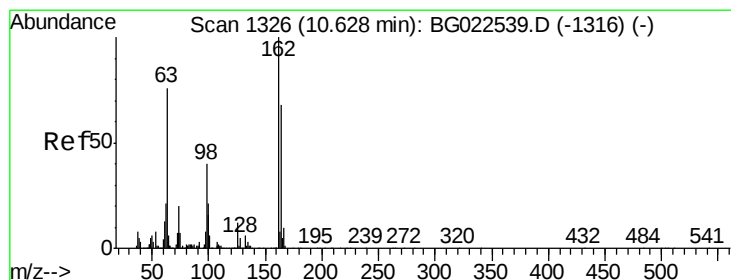
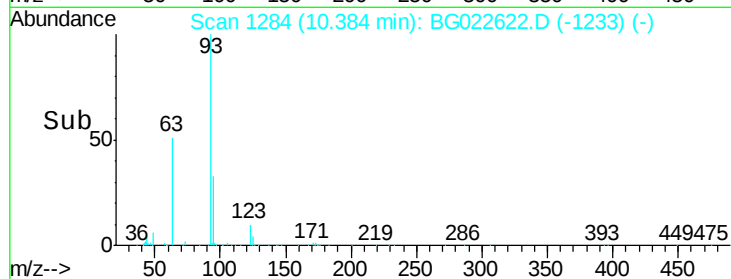
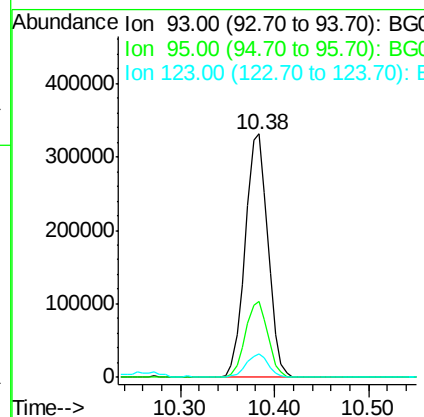
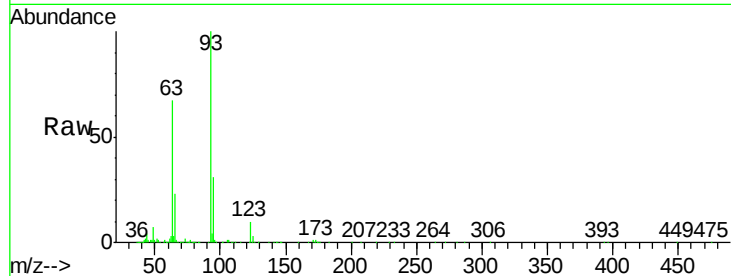




#28
bis(2-Chloroethoxy)methane
Concen: 39.27 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

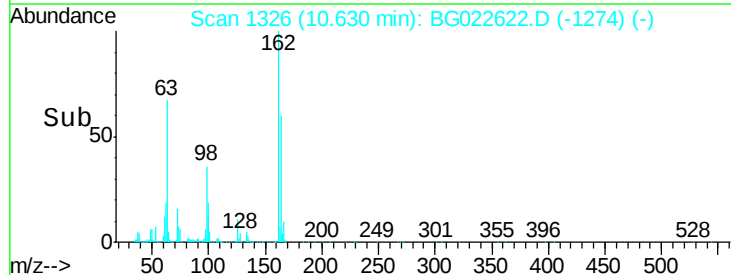
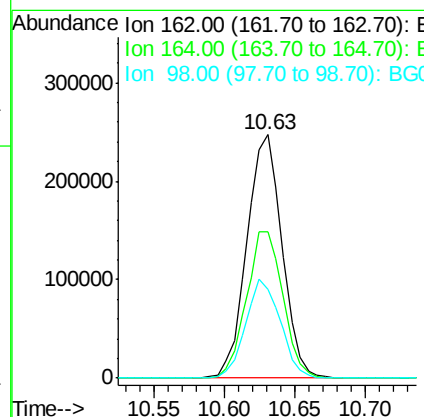
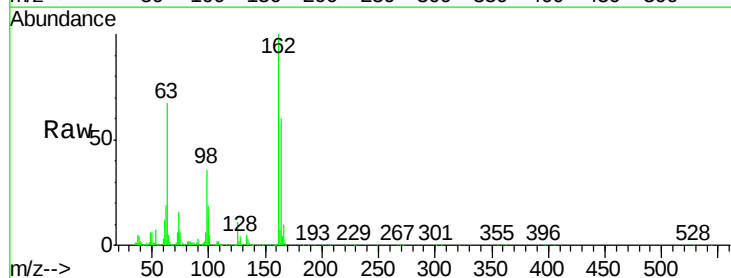
Instrument :
BNA_G
ClientSampleId :
PB91574BS

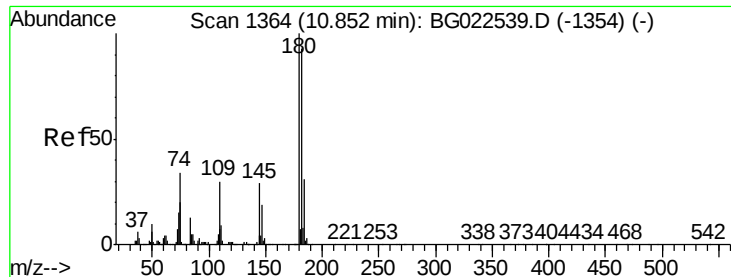
Tgt Ion: 93 Resp: 554636
Ion Ratio Lower Upper
93 100
95 31.4 25.4 38.2
123 9.9 8.2 12.2



#29
2,4-Dichlorophenol
Concen: 43.72 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion: 162 Resp: 431774
Ion Ratio Lower Upper
162 100
164 60.1 44.3 84.3
98 36.2 19.5 59.5

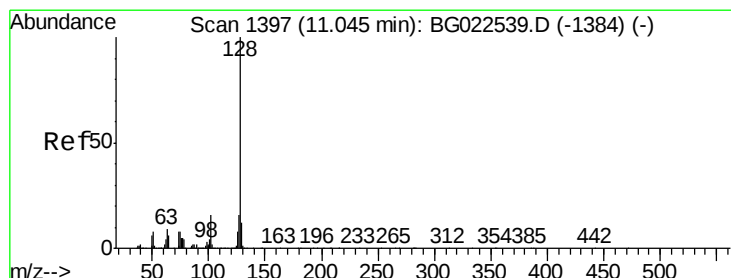
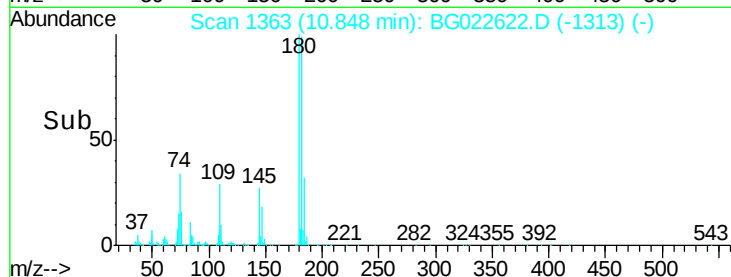
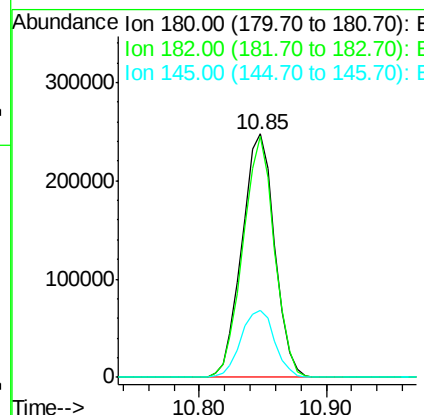
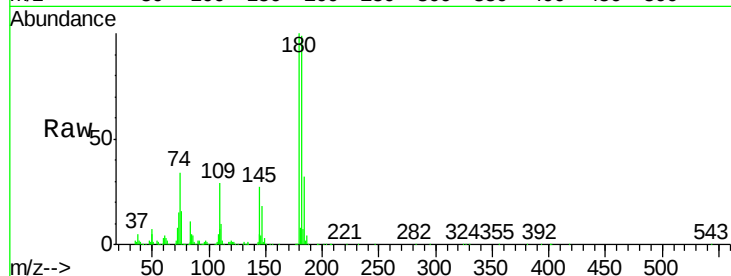




#30
1,2,4-Trichlorobenzene
Concen: 37.57 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

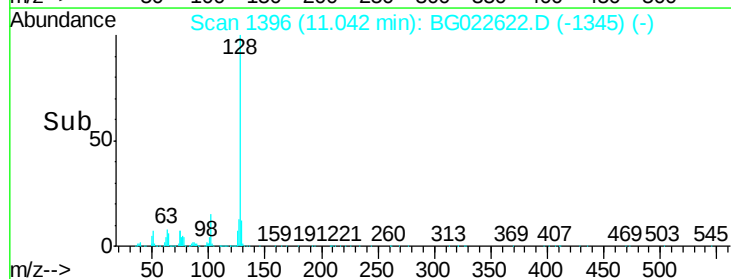
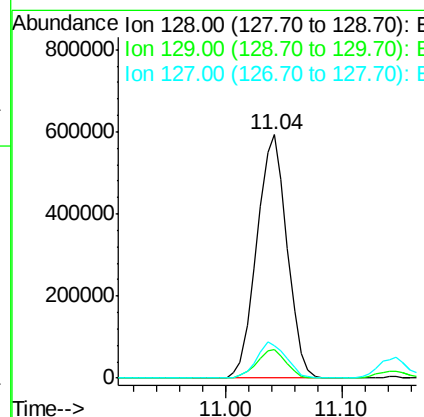
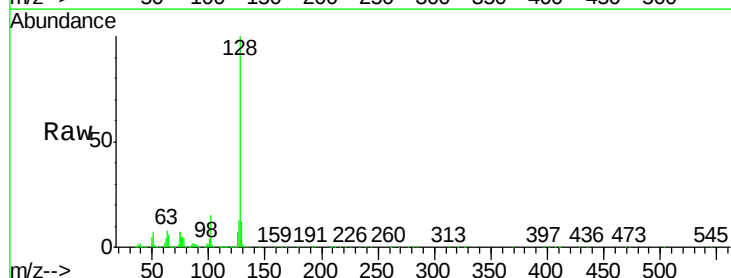
Instrument :
BNA_G
ClientSampleId :
PB91574BS

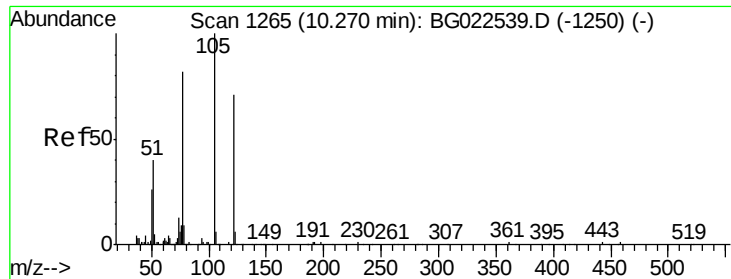
Tgt Ion:180 Resp: 440485
Ion Ratio Lower Upper
180 100
182 99.0 73.8 110.8
145 27.4 24.4 36.6



#31
Naphthalene
Concen: 38.02 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:128 Resp: 1077804
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.4 11.3 16.9





#32

Benzoic acid

Concen: 46.66 ng

RT: 10.27 min Scan# 1265

Delta R.T. 0.07 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

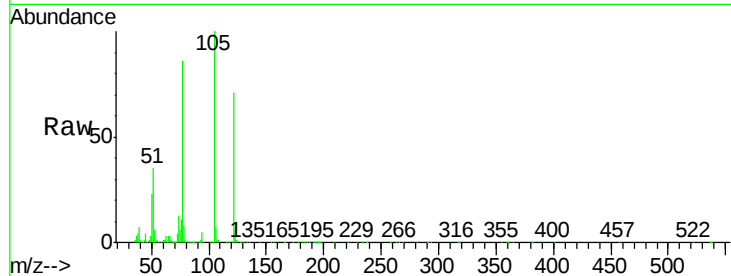
Tgt Ion:122 Resp: 308093

Ion Ratio Lower Upper

122 100

105 141.1 117.2 157.2

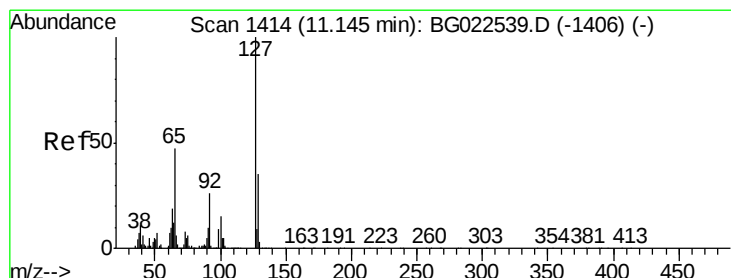
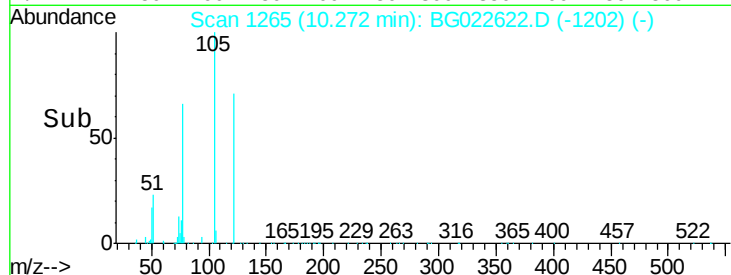
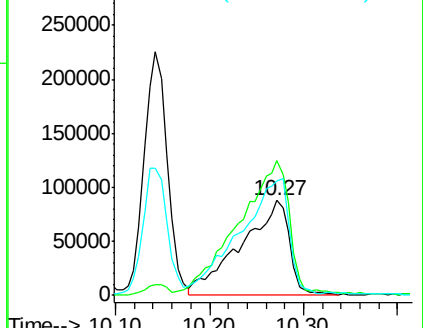
77 120.8 109.2 149.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 7.70 ng

RT: 11.15 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Tgt Ion:127 Resp: 94031

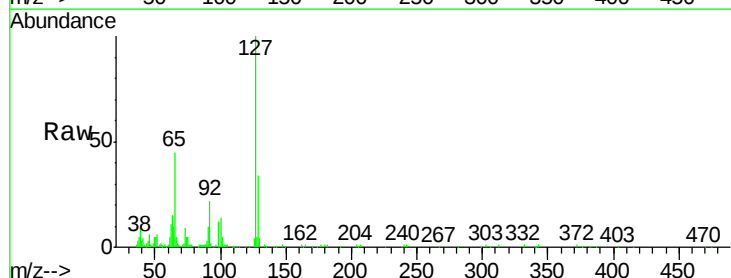
Ion Ratio Lower Upper

127 100

129 34.1 27.9 41.9

65 44.9 36.8 55.2

92 22.4 21.0 31.6

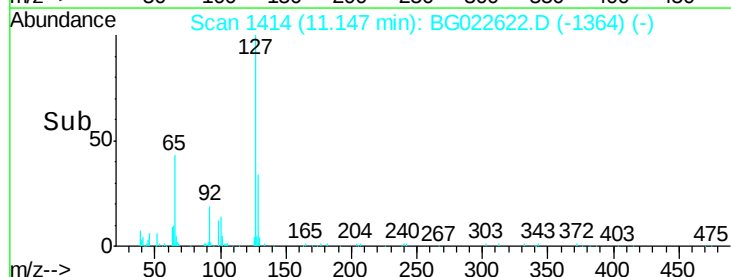
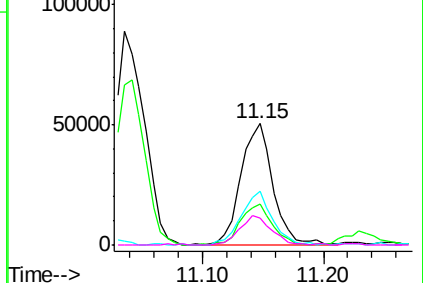


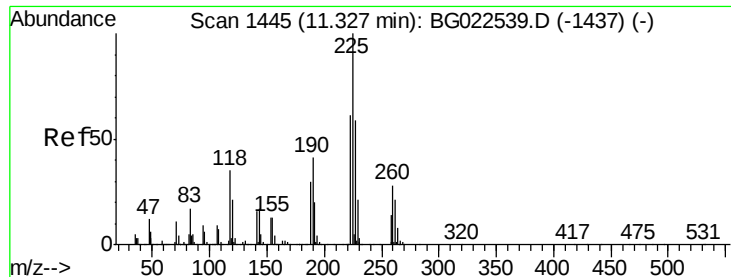
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

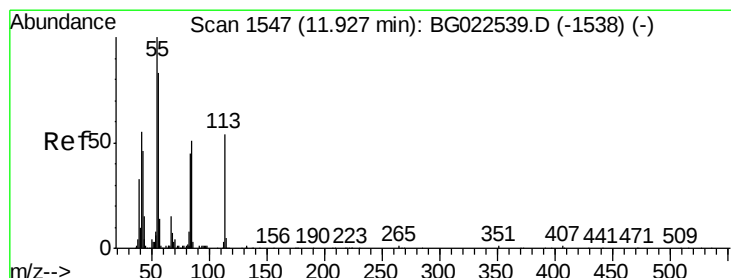
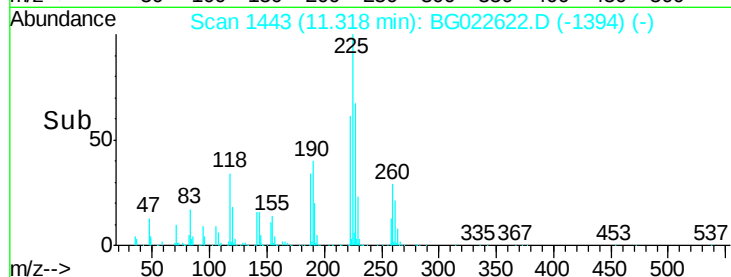
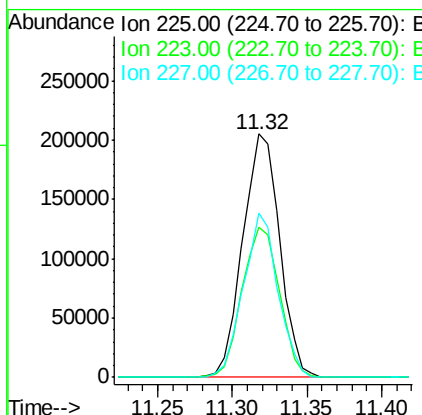
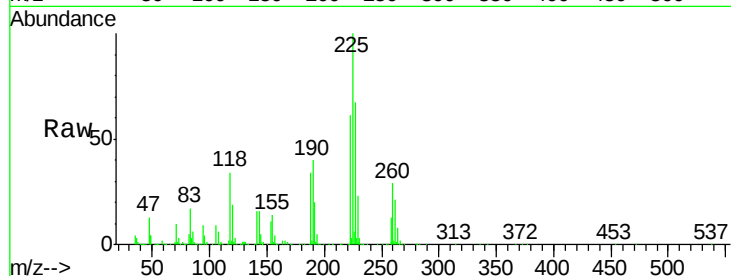




#34
Hexachlorobutadiene
Concen: 38.54 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

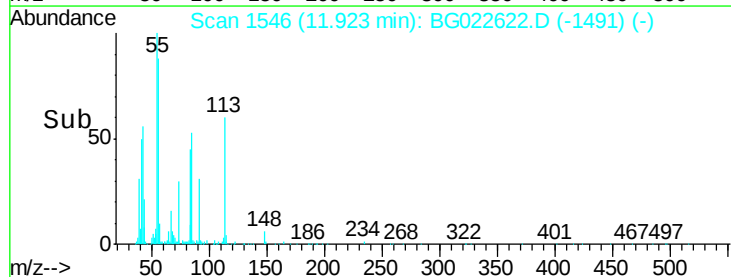
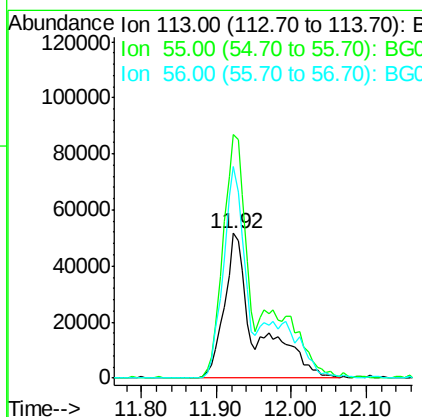
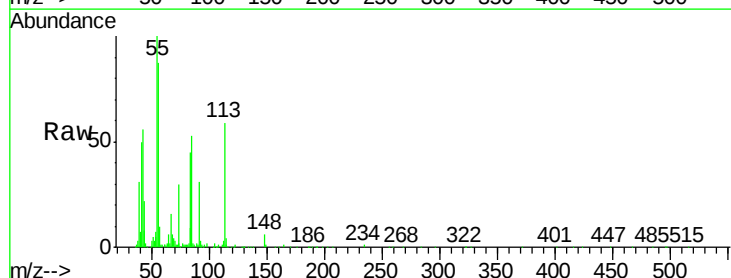
Instrument :
BNA_G
ClientSampleId :
PB91574BS

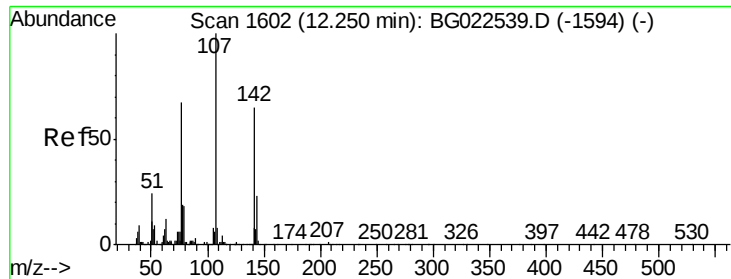
Tgt Ion: 225 Resp: 351221
Ion Ratio Lower Upper
225 100
223 61.5 49.6 74.4
227 70.2 54.5 81.7



#35
Caprolactam
Concen: 48.90 ng m
RT: 11.92 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion: 113 Resp: 152127
Ion Ratio Lower Upper
113 100
55 168.6 154.5 194.5
56 146.8 125.1 165.1

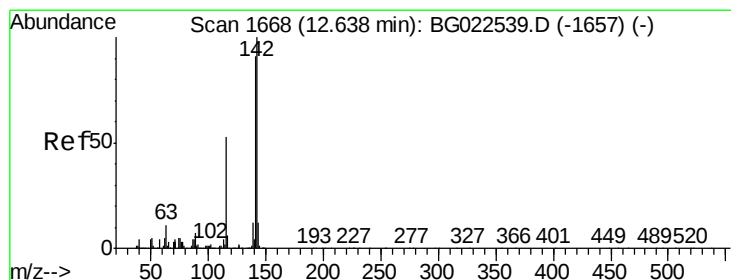
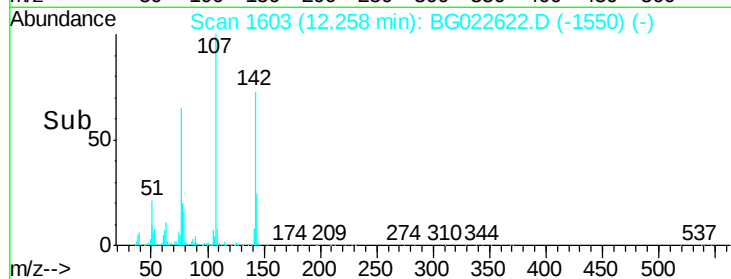
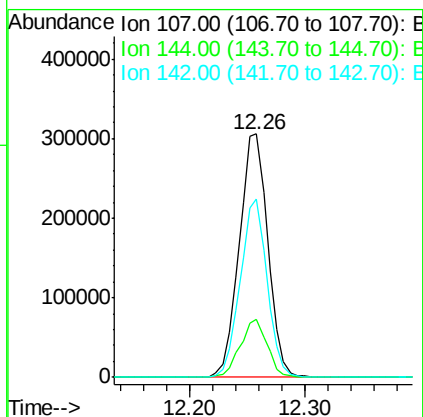
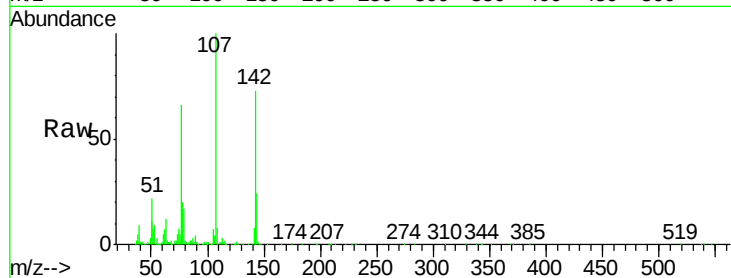




#36
4-Chloro-3-methylphenol
Concen: 43.28 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

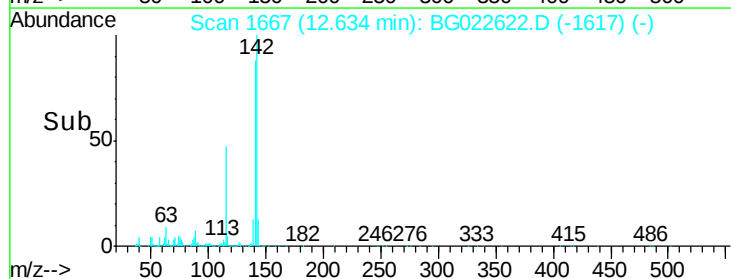
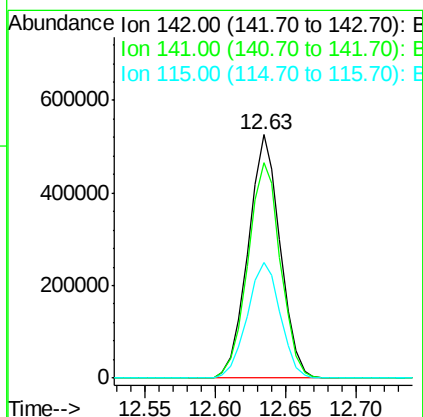
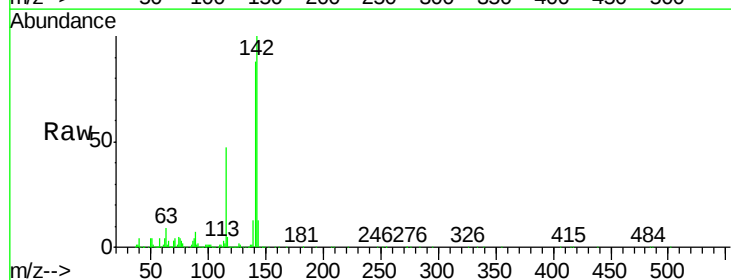
Instrument :
BNA_G
ClientSampleId :
PB91574BS

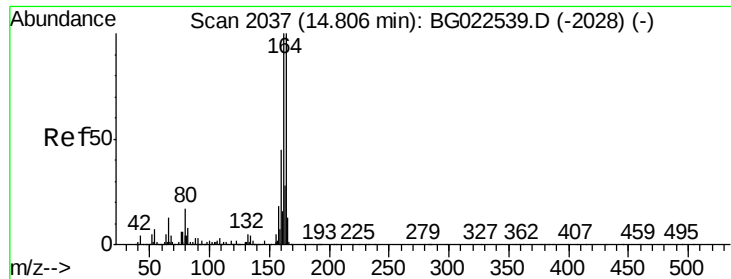
Tgt Ion:107 Resp: 524684
Ion Ratio Lower Upper
107 100
144 23.7 17.0 25.6
142 73.1 53.0 79.6



#37
2-Methylnaphthalene
Concen: 37.98 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:142 Resp: 834989
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.2
115 47.3 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

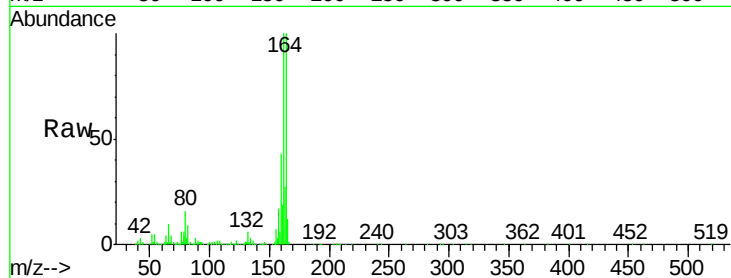
Tgt Ion:164 Resp: 393078

Ion Ratio Lower Upper

164 100

162 100.0 87.7 131.5

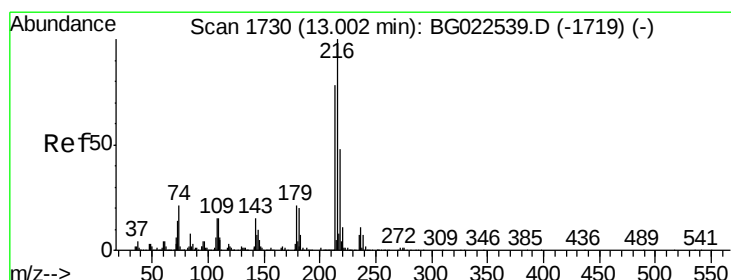
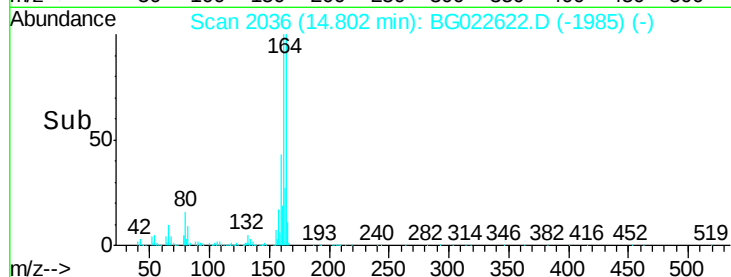
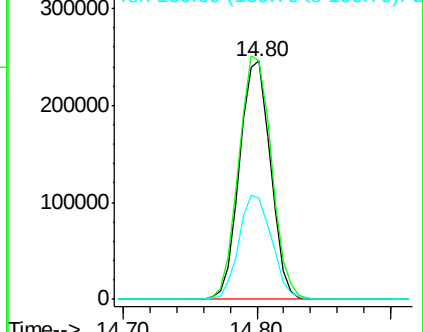
160 42.8 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.22 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Tgt Ion:216 Resp: 567154

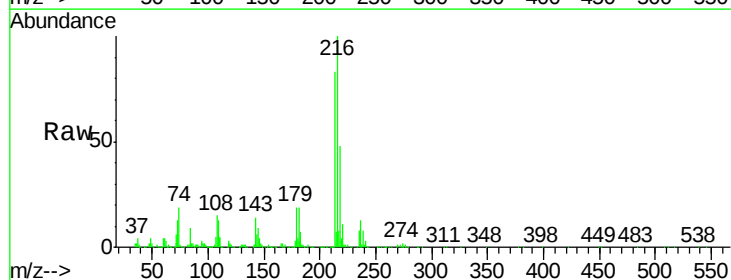
Ion Ratio Lower Upper

216 100

214 82.0 62.9 94.3

179 20.8 17.2 25.8

108 20.3 16.3 24.5

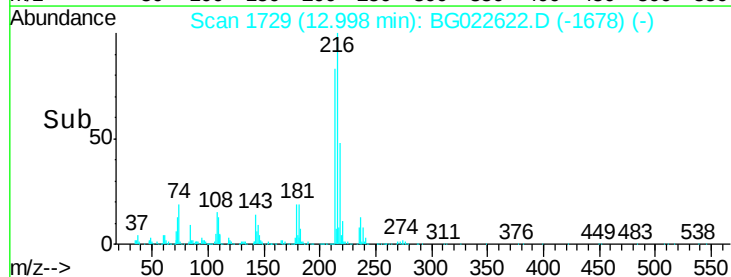
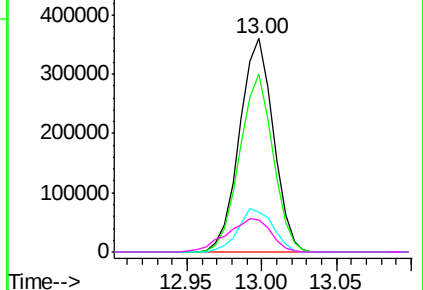


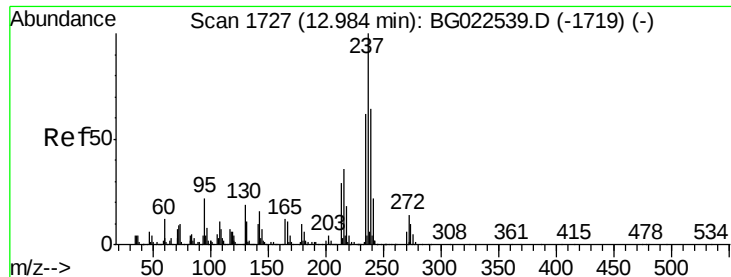
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 70.19 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

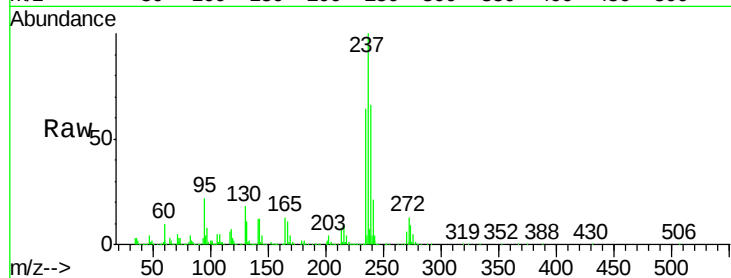
Tgt Ion:237 Resp: 831554

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

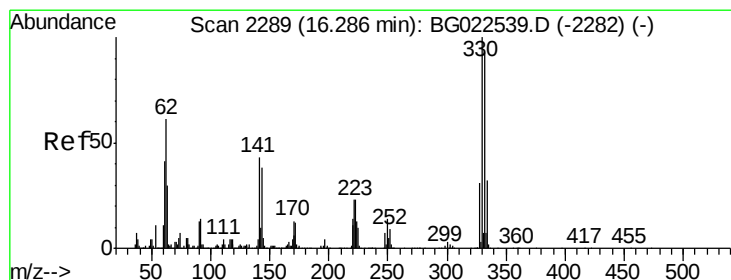
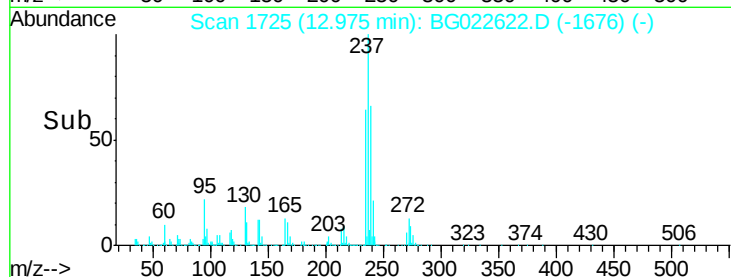
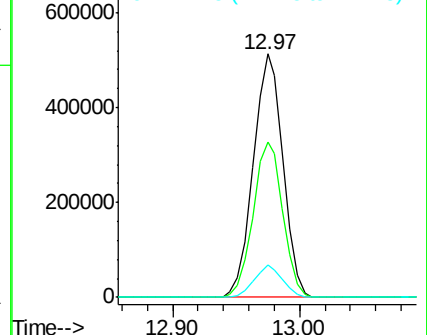
272 13.2 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 137.33 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

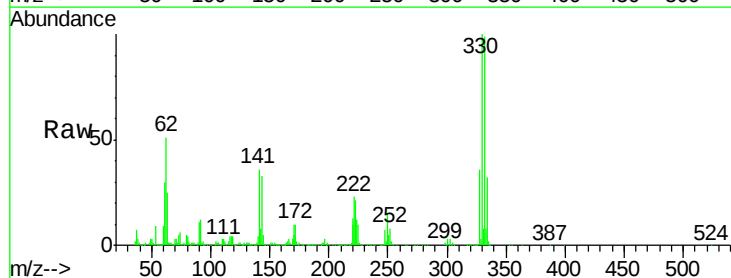
Tgt Ion:330 Resp: 849064

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

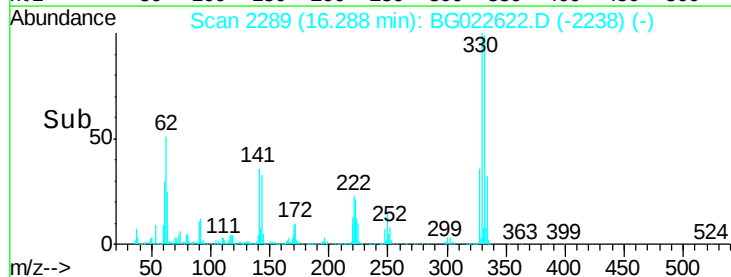
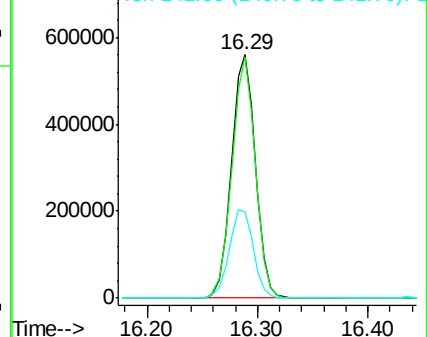
141 36.7 31.7 47.5

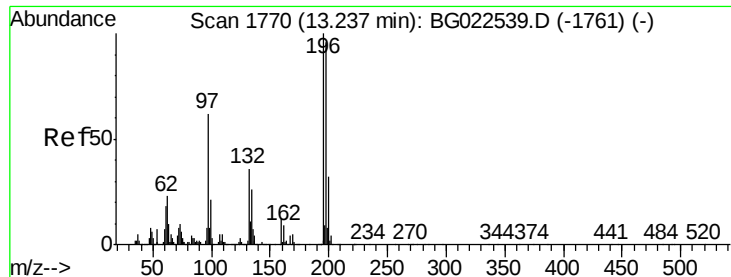


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 42.95 ng

RT: 13.23 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

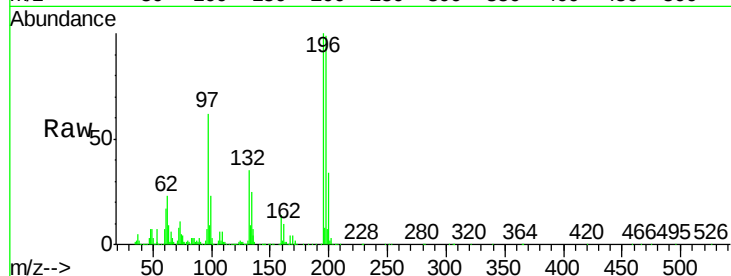
Tgt Ion:196 Resp: 408738

Ion Ratio Lower Upper

196 100

198 98.8 78.2 117.2

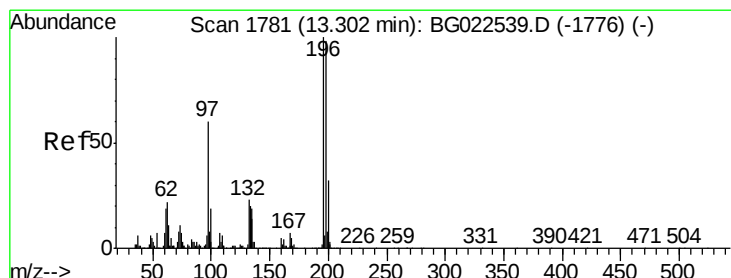
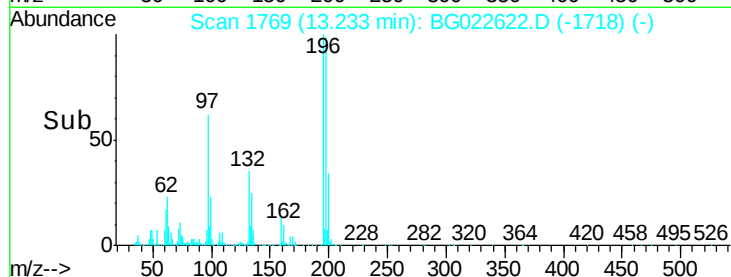
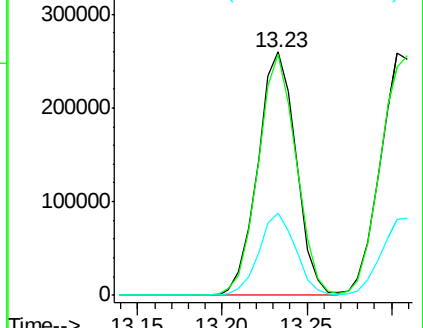
200 33.8 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 44.08 ng

RT: 13.30 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Tgt Ion:196 Resp: 438870

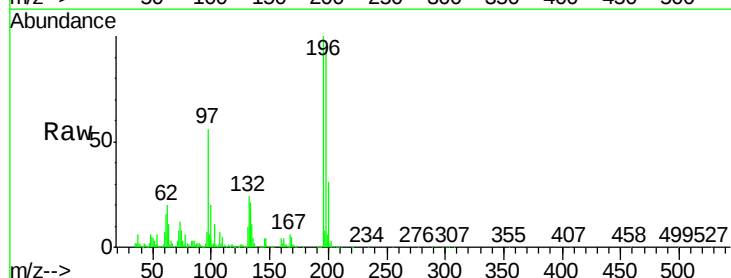
Ion Ratio Lower Upper

196 100

198 94.1 85.7 128.5

97 56.0 45.5 68.3

132 23.9 18.9 28.3

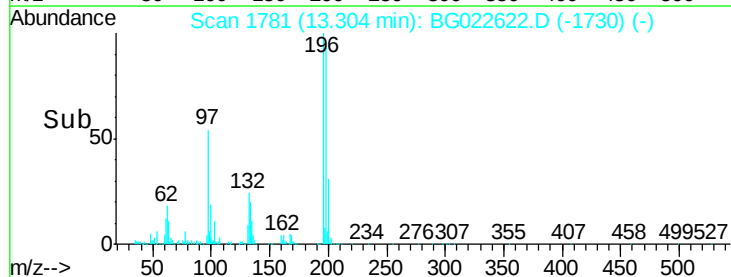
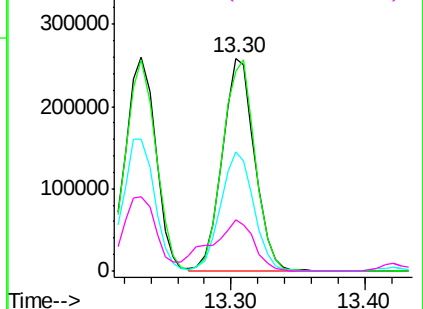


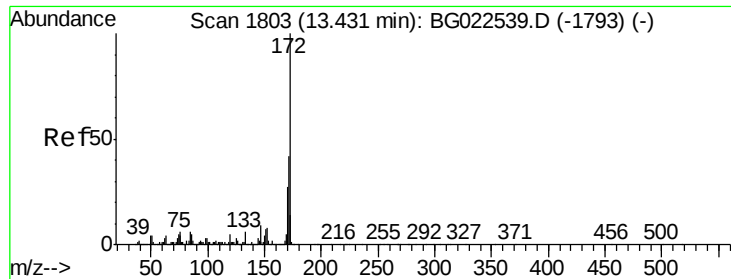
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 80.49 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

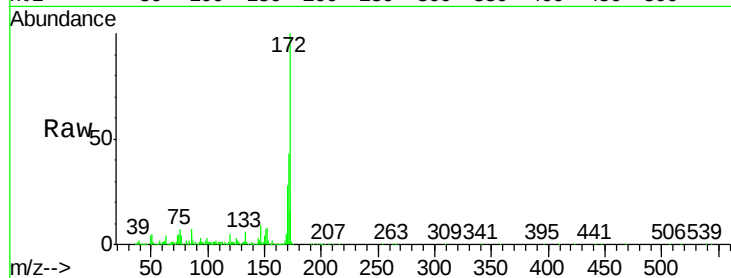
BNA_G

ClientSampleId :

PB91574BS

Tgt Ion:172 Resp: 1994984

Ion	Ratio	Lower	Upper
172	100		
171	42.8	31.6	47.4
170	27.9	21.3	31.9

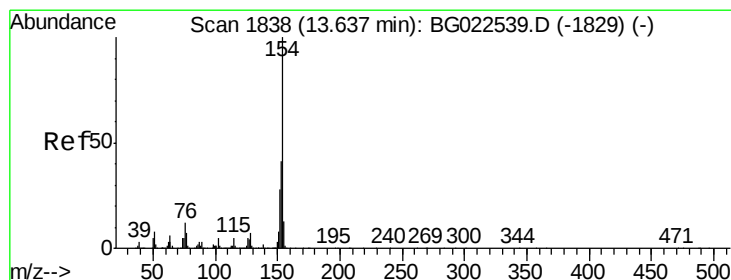
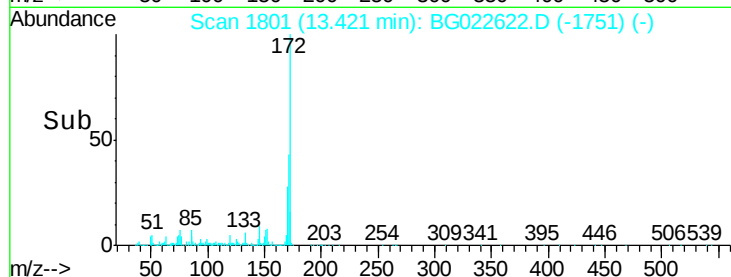
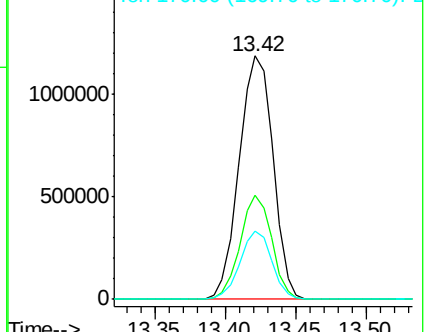


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 39.28 ng

RT: 13.63 min Scan# 1837

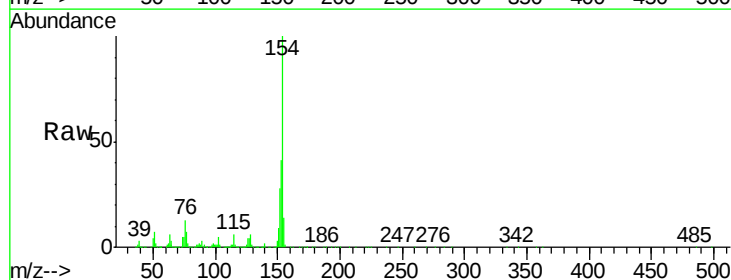
Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Tgt Ion:154 Resp: 1176117

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.2	60.2
76	12.9	0.0	32.9

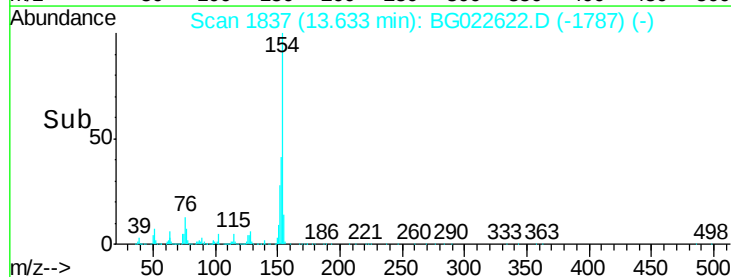
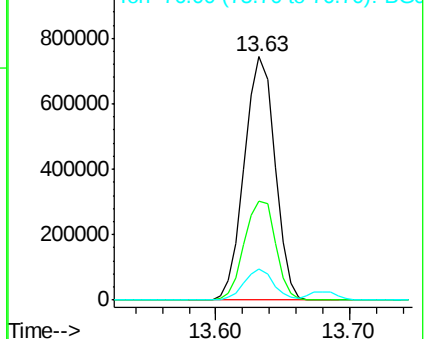


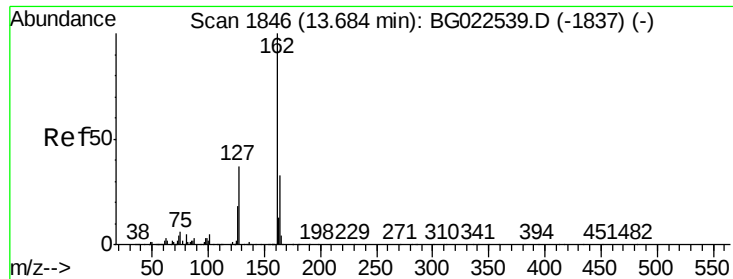
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

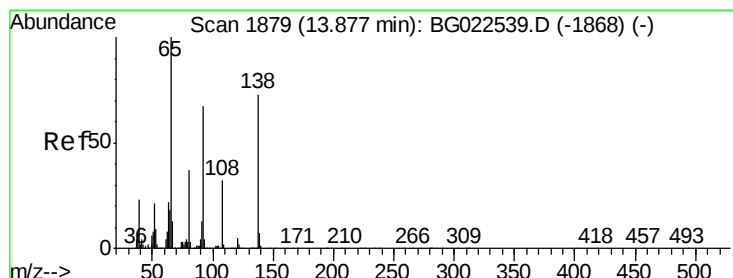
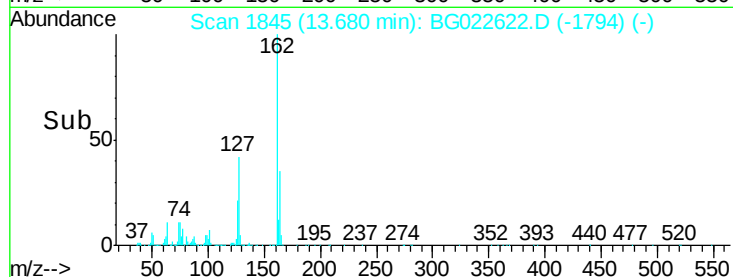
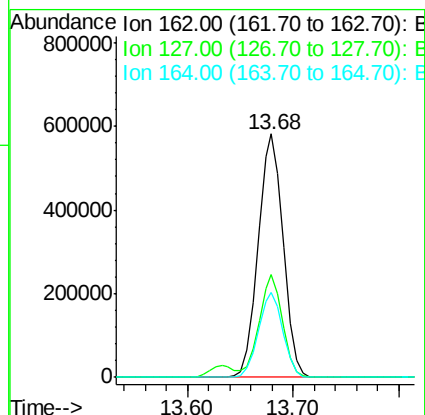
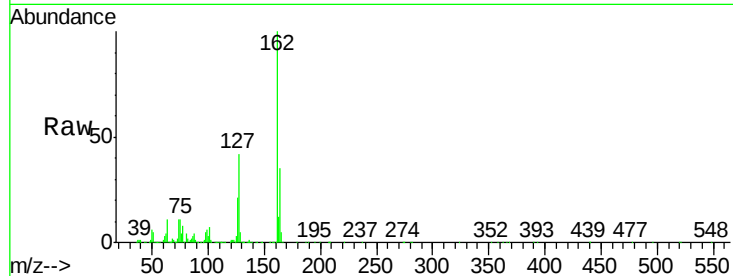




#46
2-Chloronaphthalene
Concen: 38.89 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

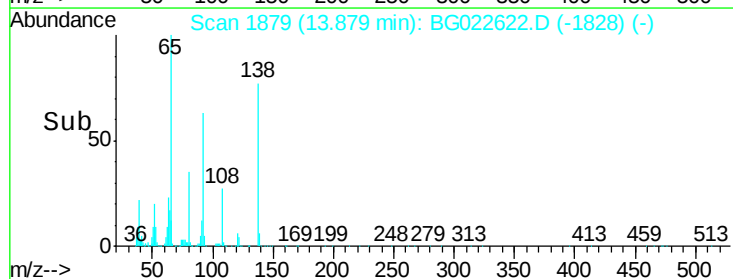
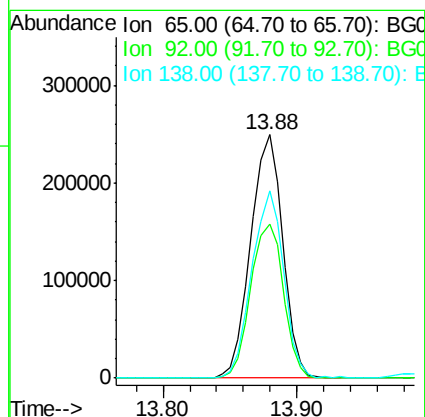
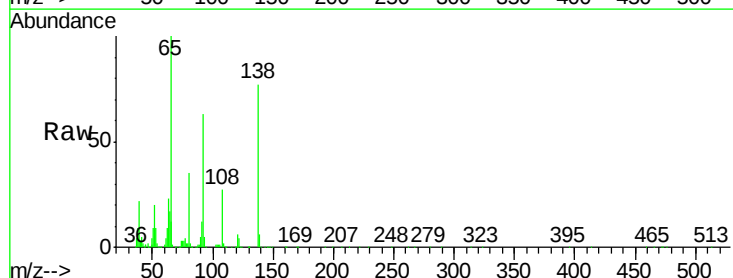
Instrument :
BNA_G
ClientSampleId :
PB91574BS

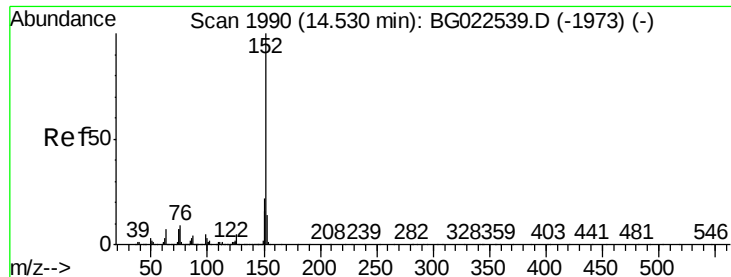
Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	32.4	48.6
164	34.9	25.2	37.8



#47
2-Nitroaniline
Concen: 43.34 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	49.4	74.0
138	76.8	58.0	87.0





#48

Acenaphthylene

Concen: 40.51 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

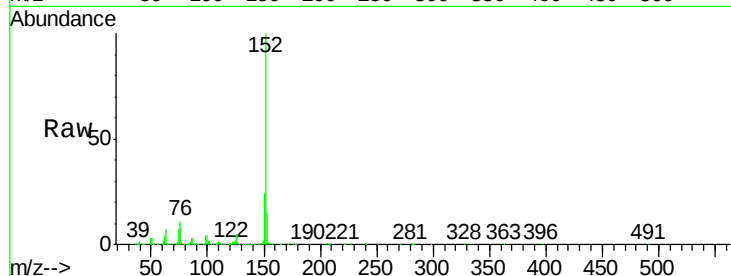
Tgt Ion:152 Resp: 1447660

Ion Ratio Lower Upper

152 100

151 24.1 17.6 26.4

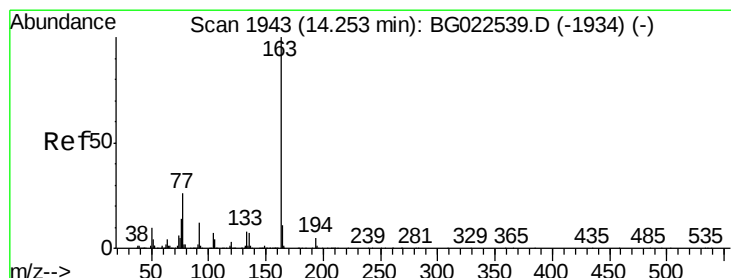
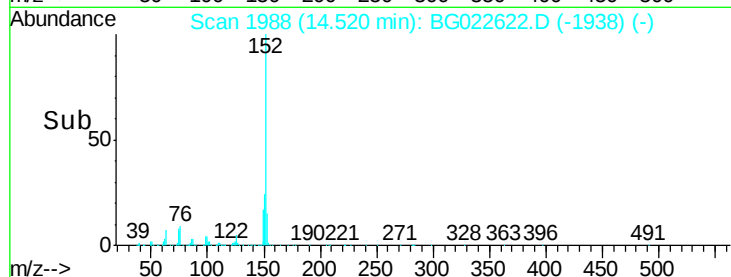
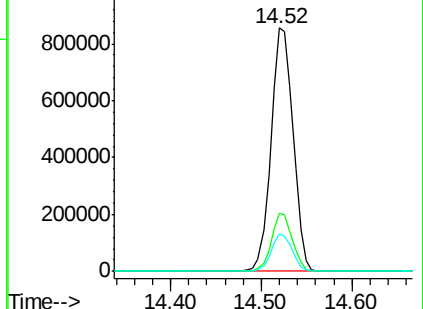
153 15.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.43 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

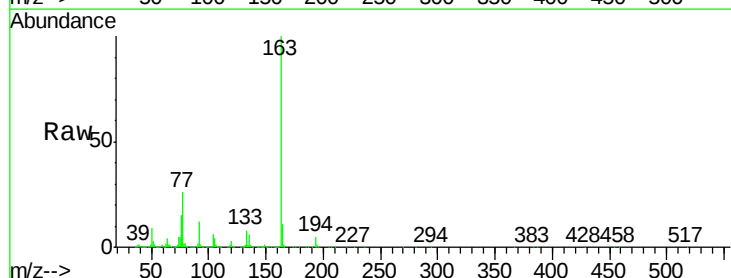
Tgt Ion:163 Resp: 1318296

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

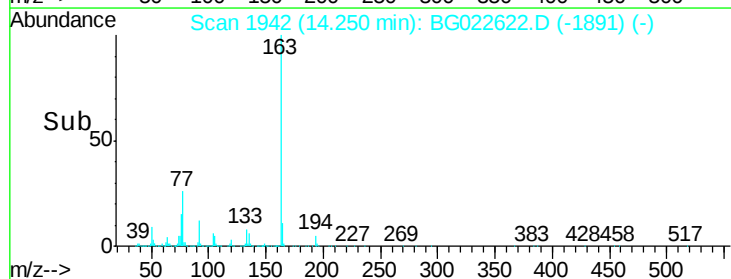
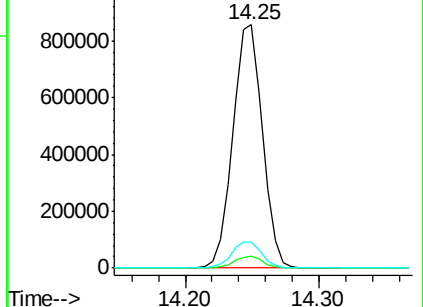
164 10.9 8.1 12.1

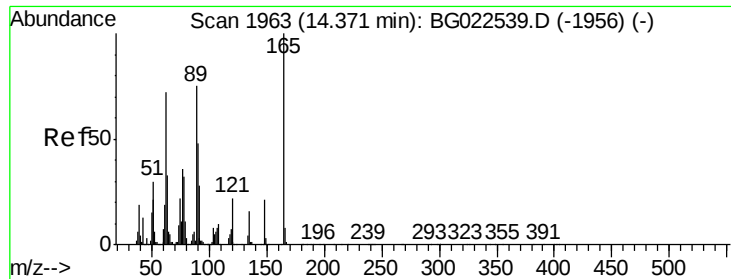


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

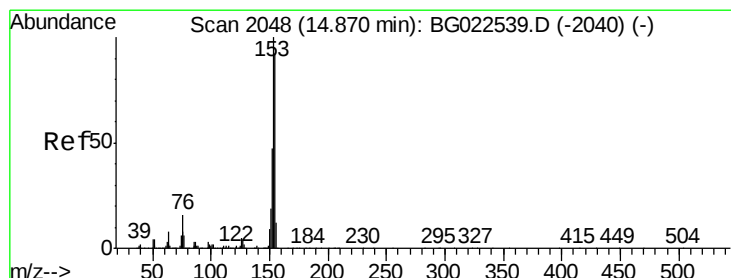
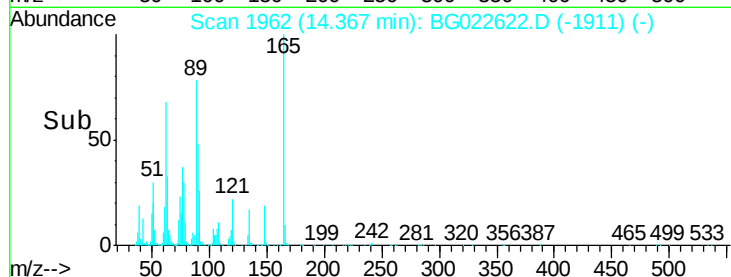
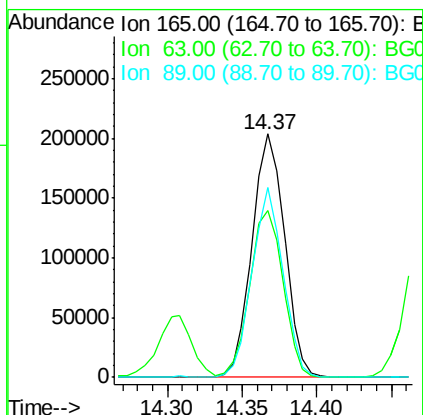
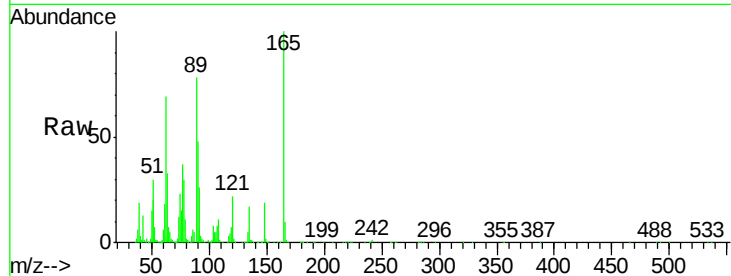




#50
2,6-Dinitrotoluene
Concen: 43.42 ng
RT: 14.37 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

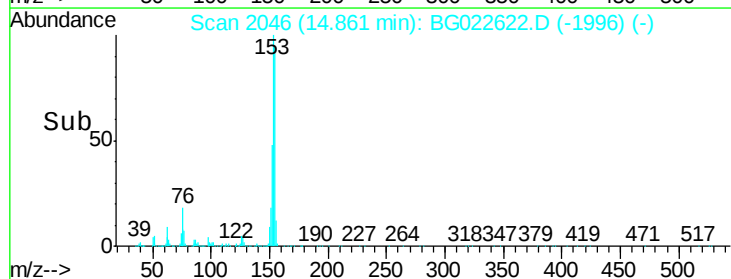
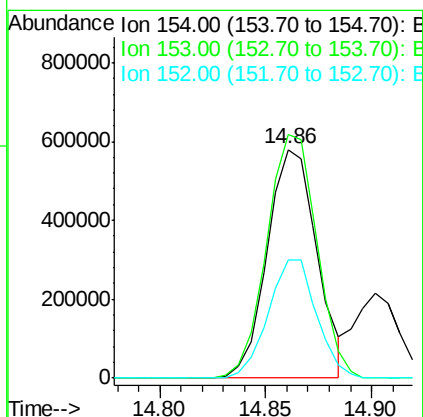
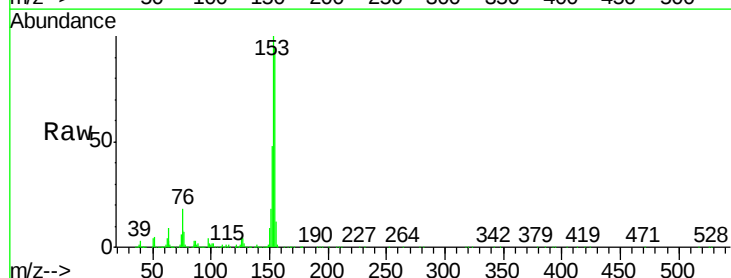
Instrument :
BNA_G
ClientSampleId :
PB91574BS

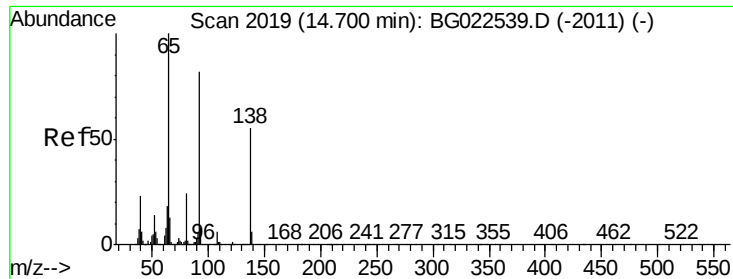
Tgt Ion:165 Resp: 307688
Ion Ratio Lower Upper
165 100
63 68.7 64.3 96.5
89 77.7 64.3 96.5



#51
Acenaphthene
Concen: 35.84 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:154 Resp: 943525
Ion Ratio Lower Upper
154 100
153 106.6 87.5 131.3
152 51.5 42.7 64.1

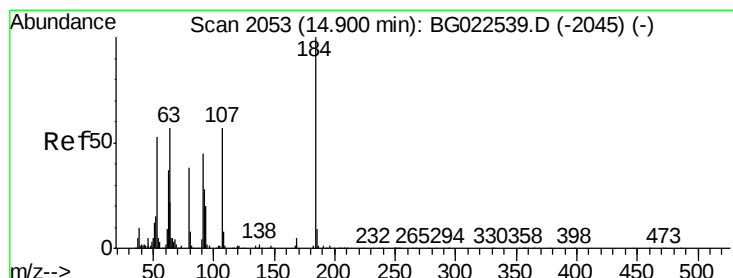
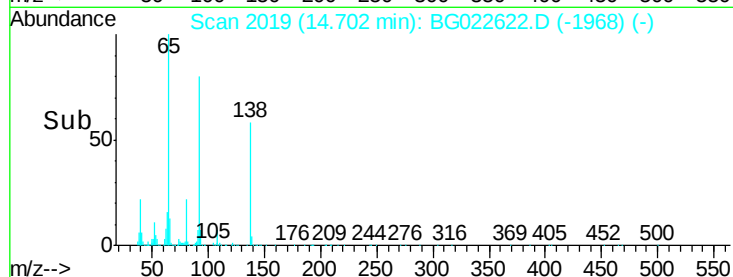
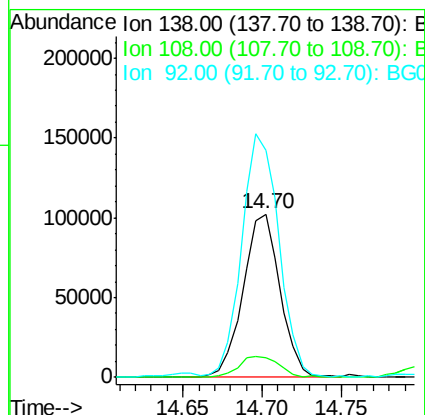
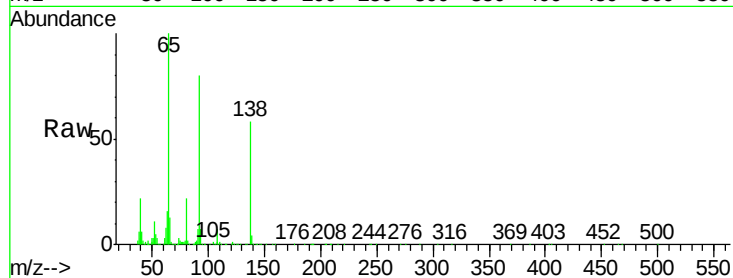




#52
3-Nitroaniline
Concen: 25.00 ng
RT: 14.70 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

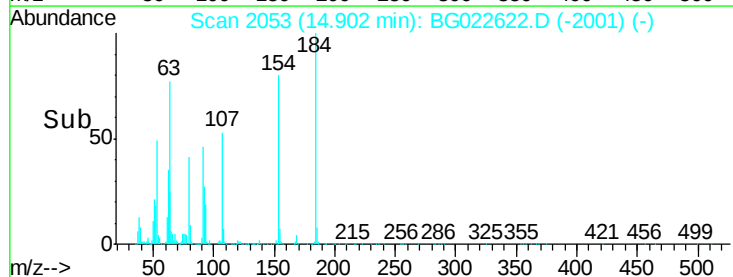
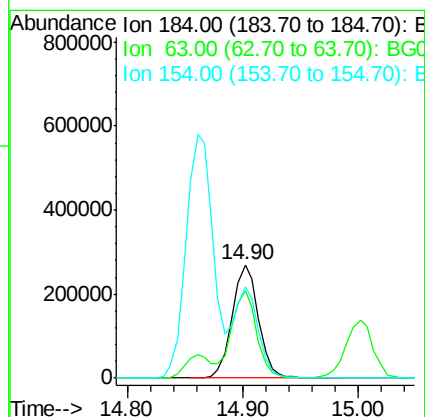
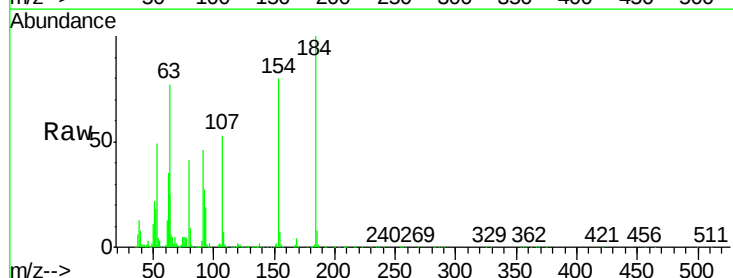
Instrument :
BNA_G
ClientSampleId :
PB91574BS

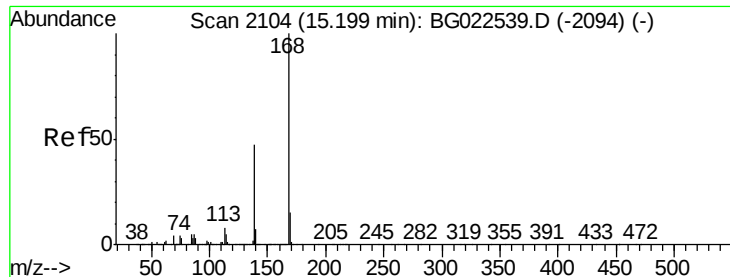
Tgt Ion:138 Resp: 165769
Ion Ratio Lower Upper
138 100
108 12.3 11.7 17.5
92 138.6 129.7 194.5



#53
2,4-Dinitrophenol
Concen: 97.50 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:184 Resp: 425530
Ion Ratio Lower Upper
184 100
63 76.8 59.6 89.4
154 80.4 67.4 101.0





#54

Dibenzenofuran

Concen: 40.07 ng

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

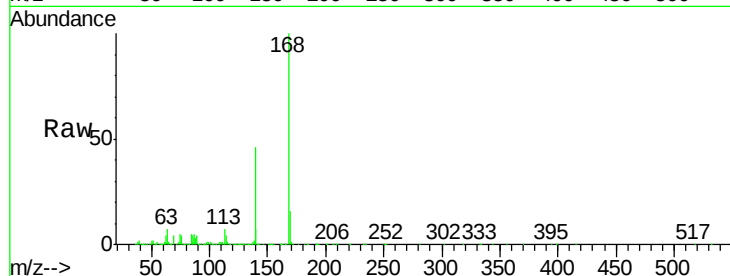
Tgt Ion:168 Resp: 1528095

Ion Ratio Lower Upper

168 100

139 46.3 36.4 54.6

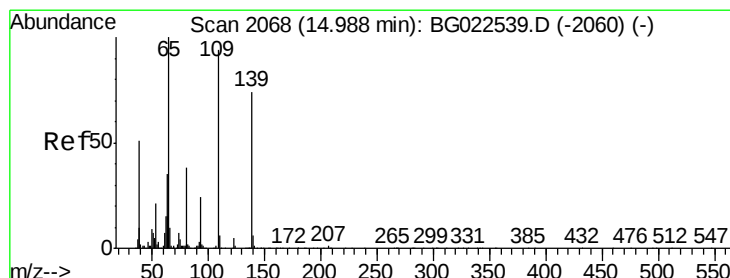
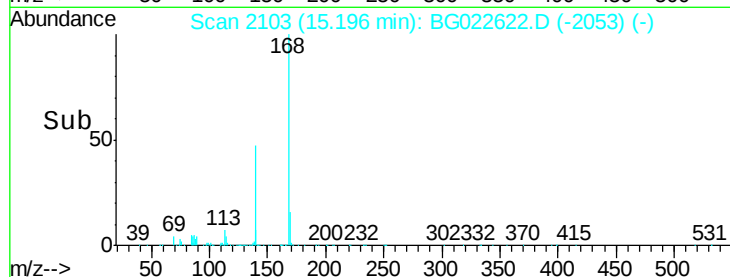
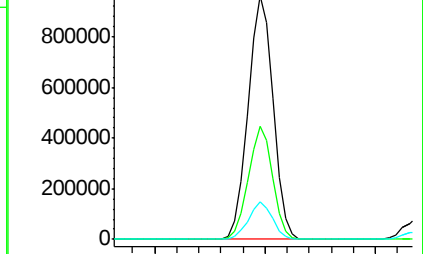
169 15.6 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 94.31 ng

RT: 15.00 min Scan# 2070

Delta R.T. 0.02 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

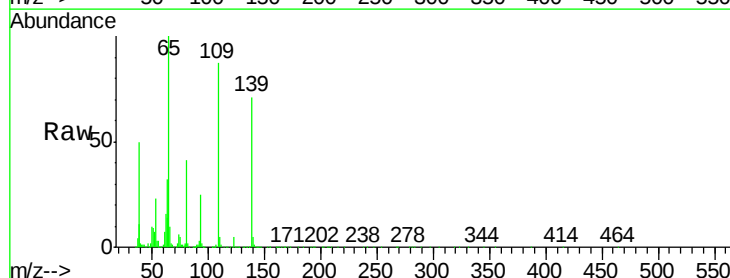
Tgt Ion:139 Resp: 528763

Ion Ratio Lower Upper

139 100

109 121.9 103.0 143.0

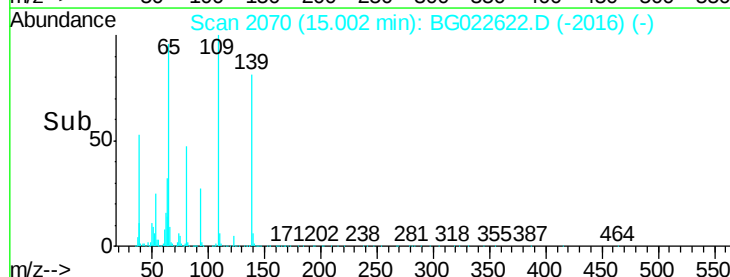
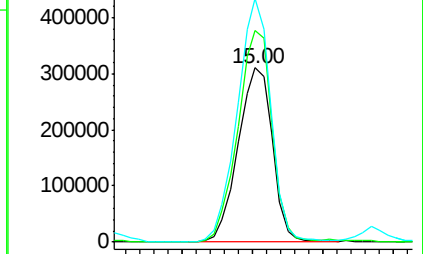
65 139.9 112.7 152.7

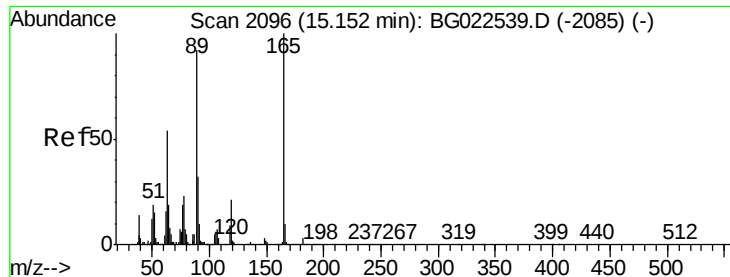


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

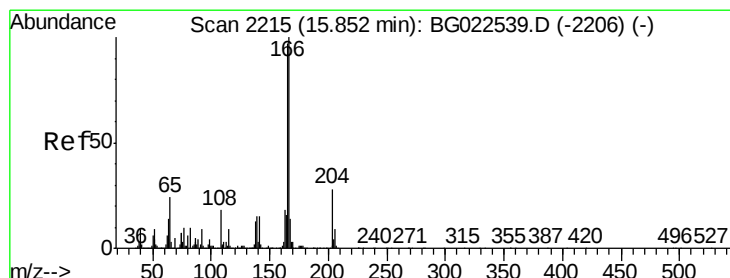
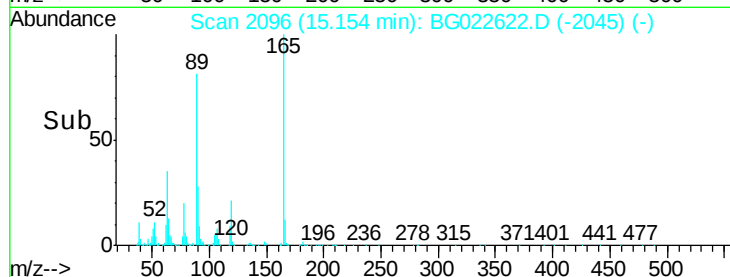
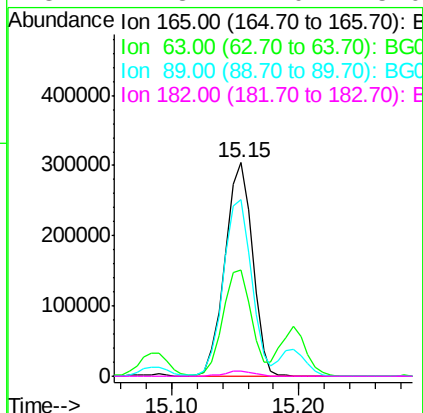
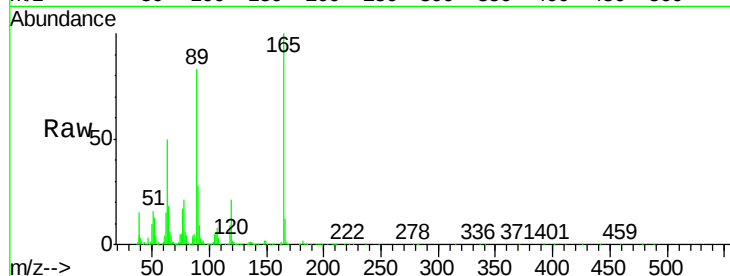




#56
2,4-Dinitrotoluene
Concen: 46.56 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

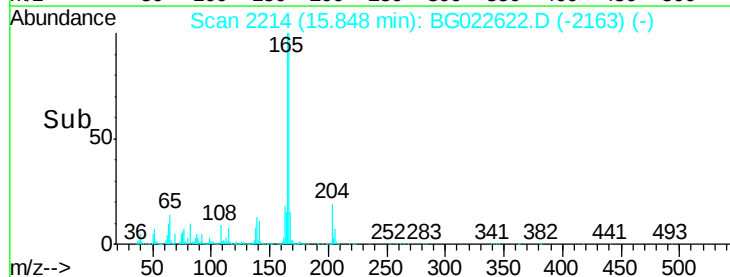
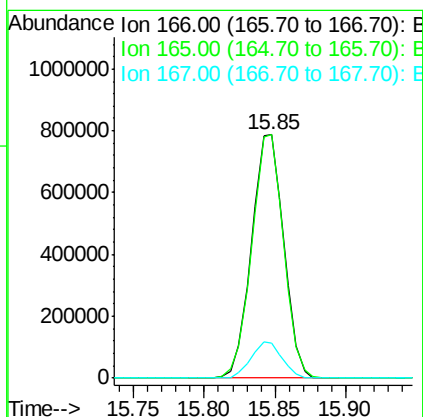
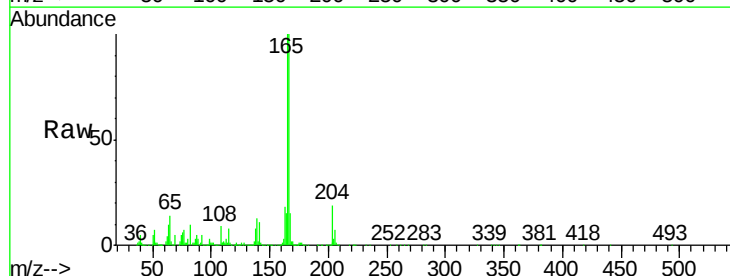
Instrument :
BNA_G
ClientSampleId :
PB91574BS

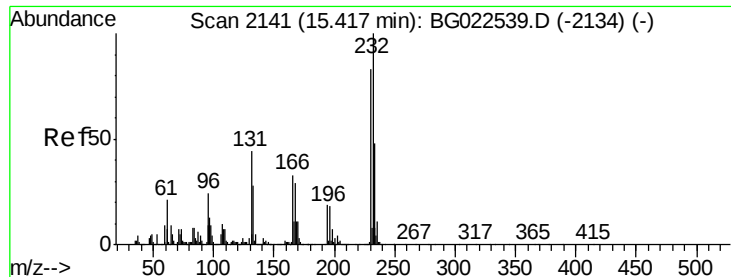
Tgt Ion:165 Resp: 457015
Ion Ratio Lower Upper
165 100
63 49.9 45.8 68.6
89 82.8 68.6 102.8
182 2.3 2.0 3.0



#57
Fluorene
Concen: 41.44 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:166 Resp: 1260794
Ion Ratio Lower Upper
166 100
165 100.1 81.0 121.6
167 14.6 12.0 18.0

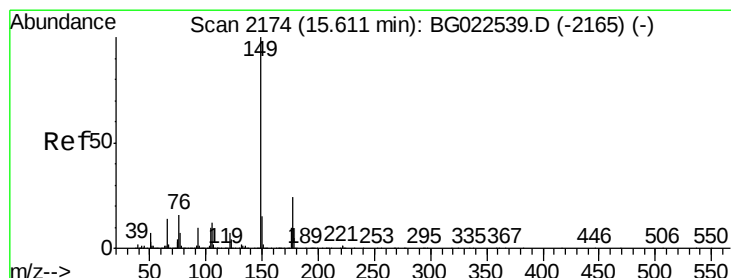
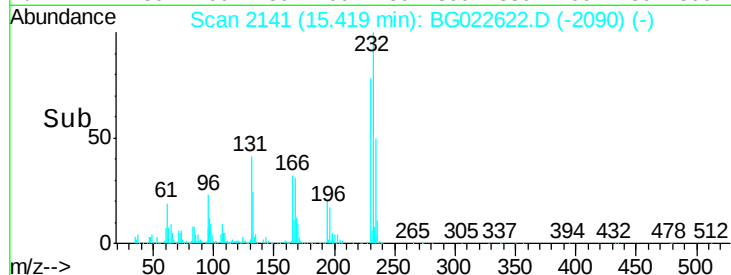
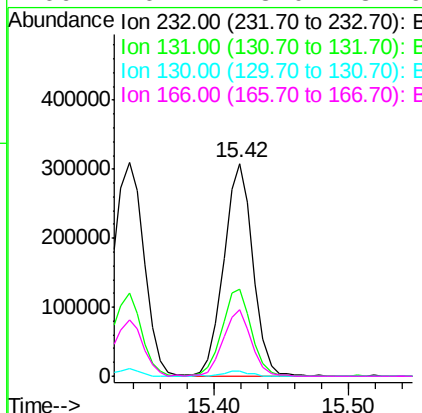
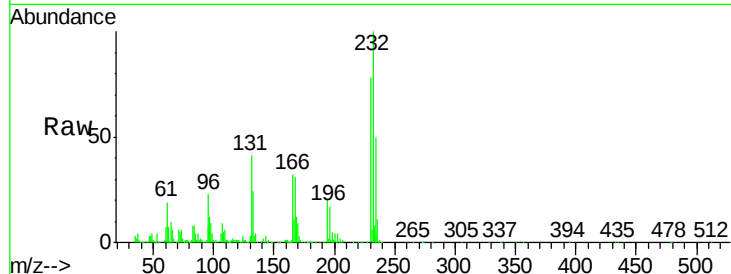




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.21 ng m
 RT: 15.42 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG022622.D
 Acq: 26 Jun 2016 23:24

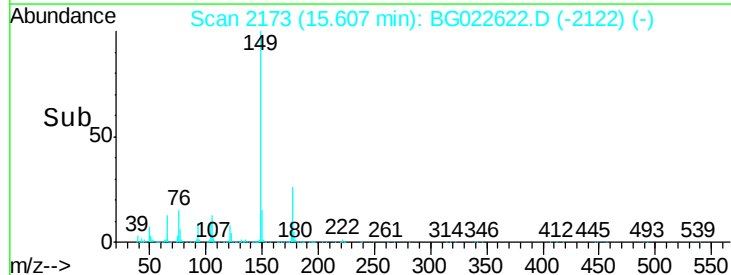
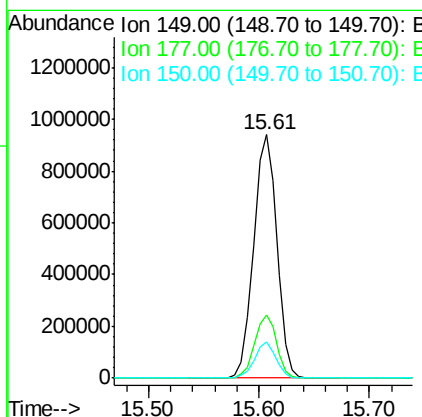
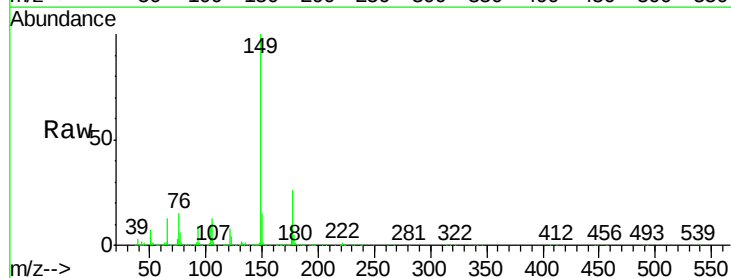
Instrument :
 BNA_G
 ClientSampleId :
 PB91574BS

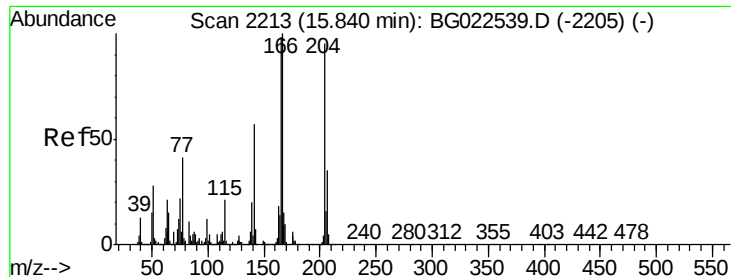
Tgt Ion:232 Resp: 466752
 Ion Ratio Lower Upper
 232 100
 131 37.9 32.7 49.1
 130 2.8 2.6 3.8
 166 26.2 23.0 34.6



#59
 Diethylphthalate
 Concen: 41.44 ng
 RT: 15.61 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG022622.D
 Acq: 26 Jun 2016 23:24

Tgt Ion:149 Resp: 1389157
 Ion Ratio Lower Upper
 149 100
 177 26.1 19.2 28.8
 150 14.7 10.6 16.0

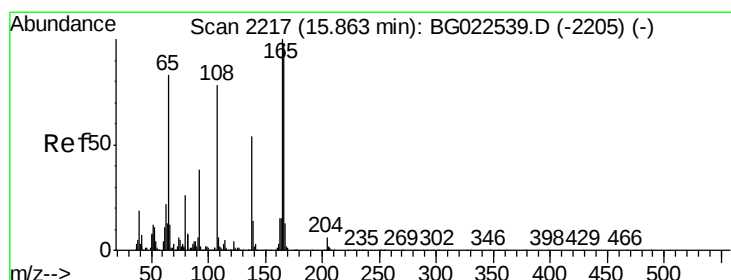
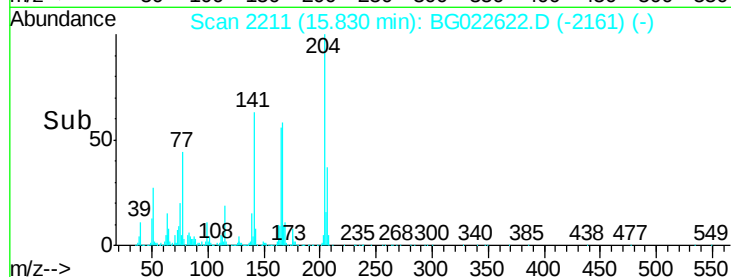
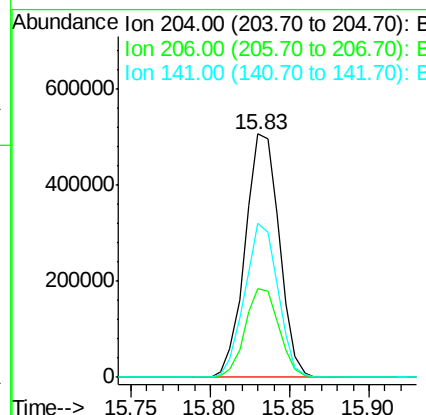
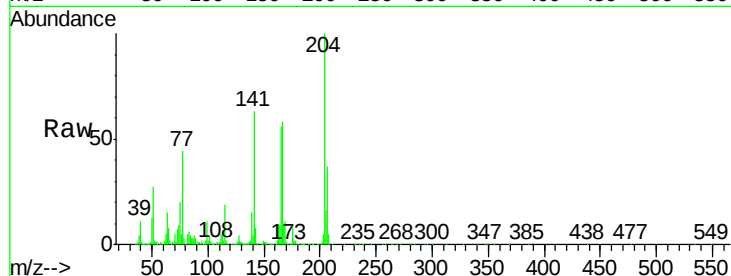




#60
4-Chlorophenyl-phenylether
Concen: 41.75 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

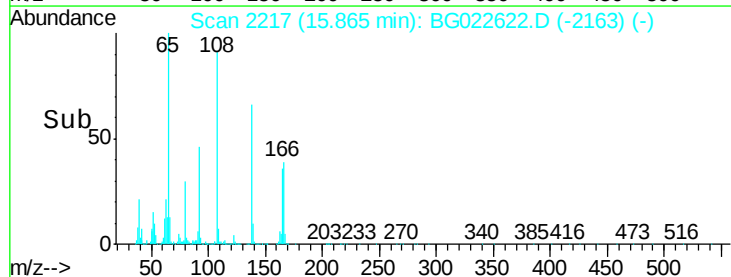
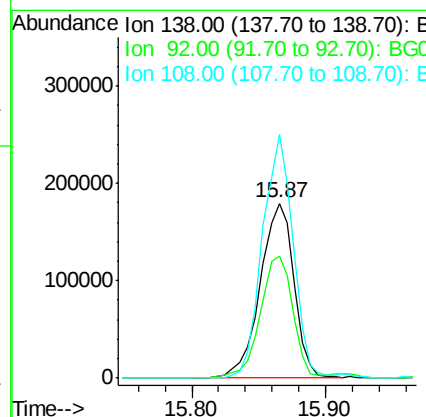
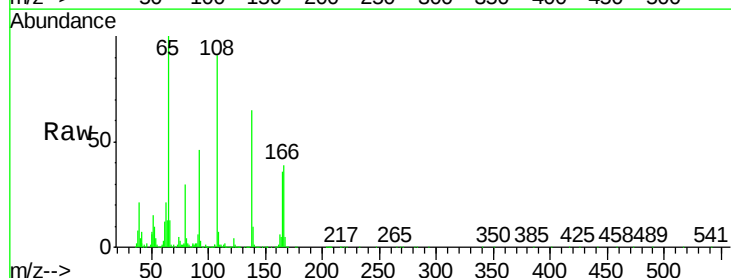
Instrument :
BNA_G
ClientSampleId :
PB91574BS

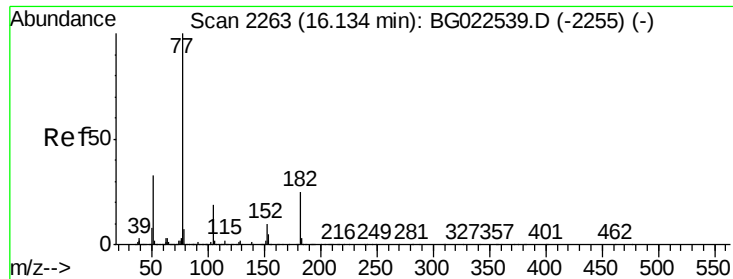
Tgt Ion:204 Resp: 756366
Ion Ratio Lower Upper
204 100
206 36.6 28.5 42.7
141 63.3 51.4 77.0



#61
4-Nitroaniline
Concen: 45.86 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:138 Resp: 313699
Ion Ratio Lower Upper
138 100
92 69.6 54.1 94.1
108 139.3 133.9 173.9





#62

Azobenzene

Concen: 38.94 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

Tgt Ion: 77 Resp: 1413607

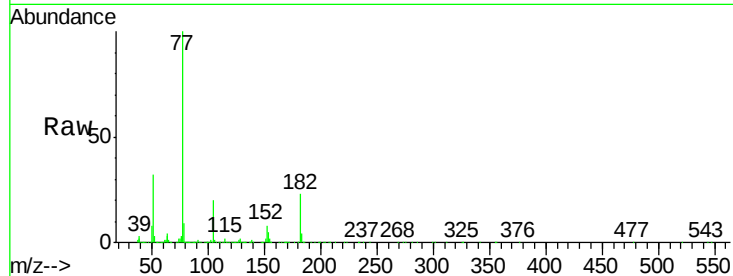
Ion Ratio Lower Upper

77 100

182 23.4 3.5 43.5

105 19.8 0.0 38.5

51 31.9 17.1 57.1

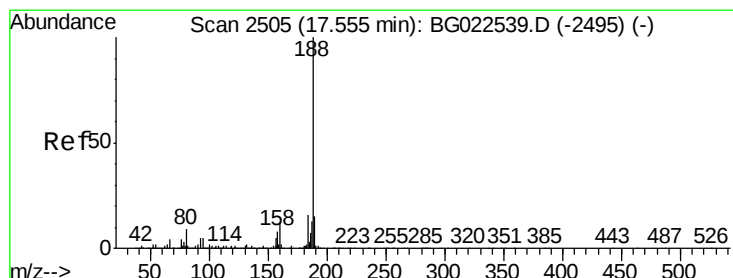
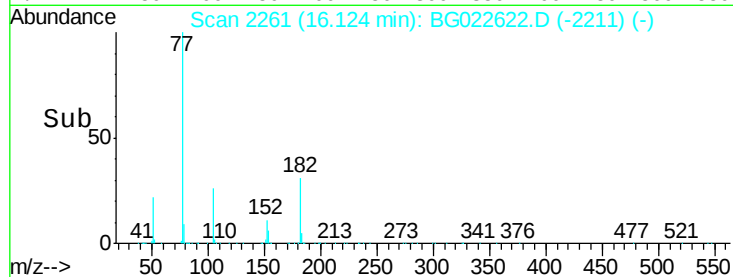
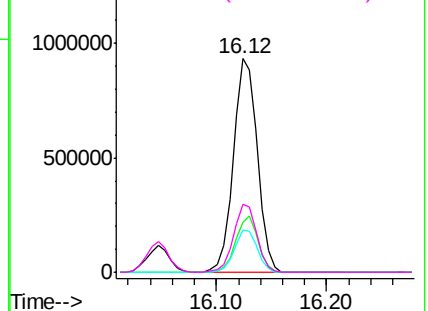


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

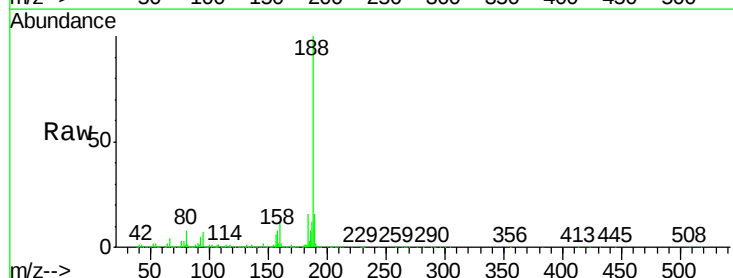
Tgt Ion: 188 Resp: 1087136

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

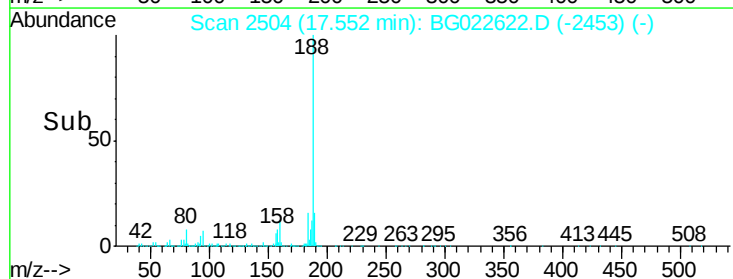
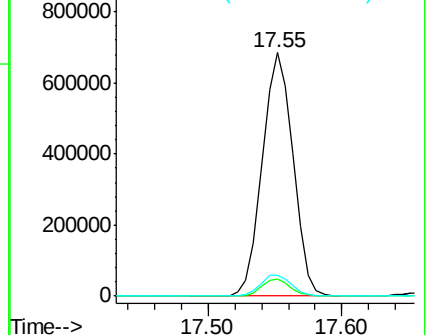
80 8.5 7.2 10.8

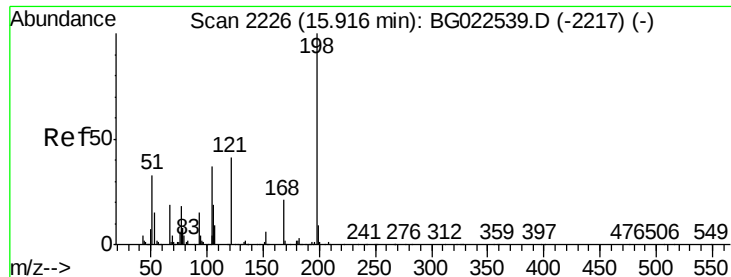


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

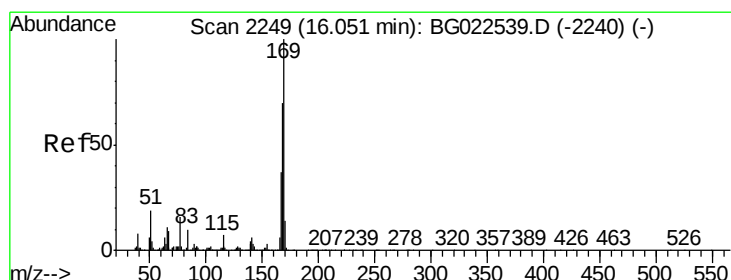
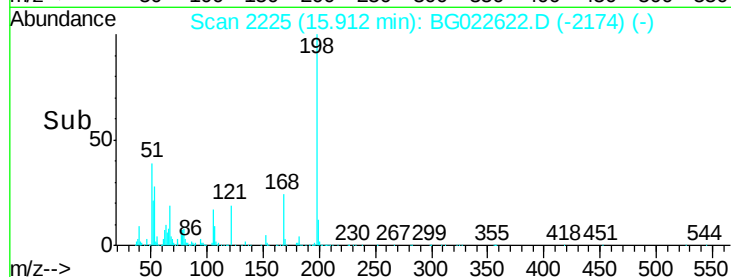
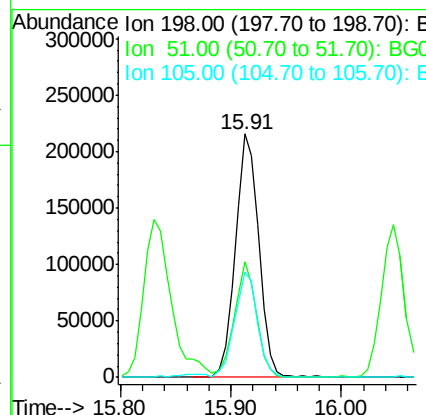
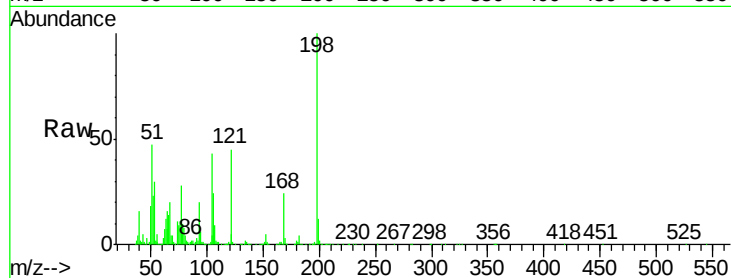




#64
4,6-Dinitro-2-methylphenol
Concen: 43.91 ng
RT: 15.91 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

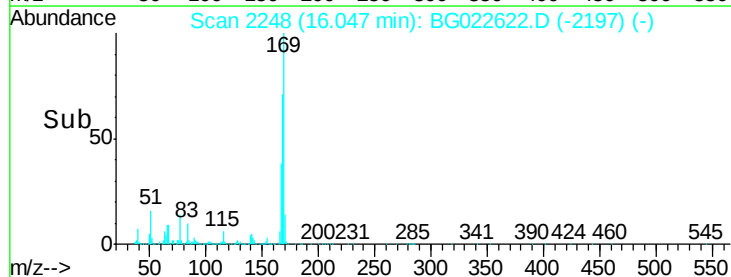
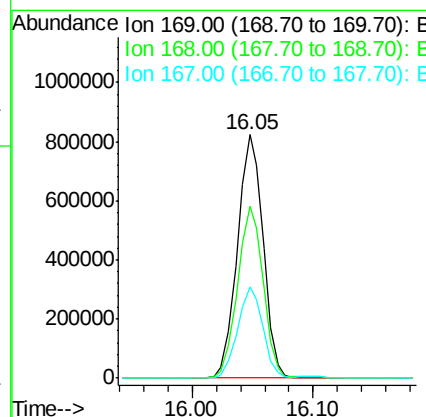
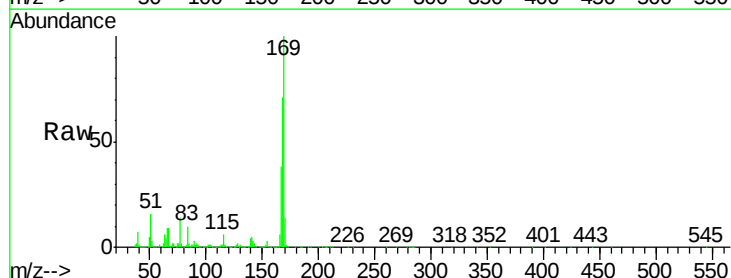
Instrument :
BNA_G
ClientSampleId :
PB91574BS

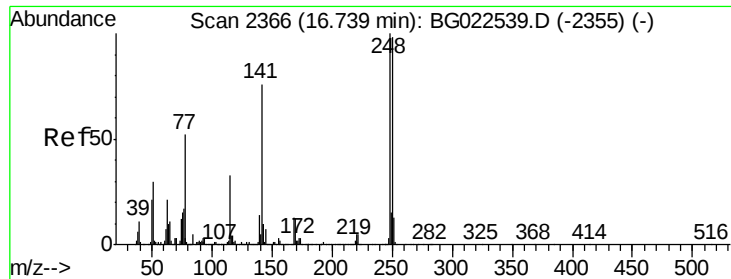
Tgt Ion:198 Resp: 320165
Ion Ratio Lower Upper
198 100
51 47.3 26.0 66.0
105 43.2 20.1 60.1



#65
n-Nitrosodiphenylamine
Concen: 38.57 ng
RT: 16.05 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:169 Resp: 1220162
Ion Ratio Lower Upper
169 100
168 70.8 55.0 82.4
167 37.6 27.4 41.0

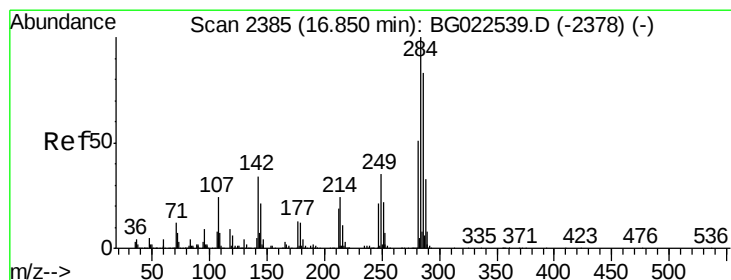
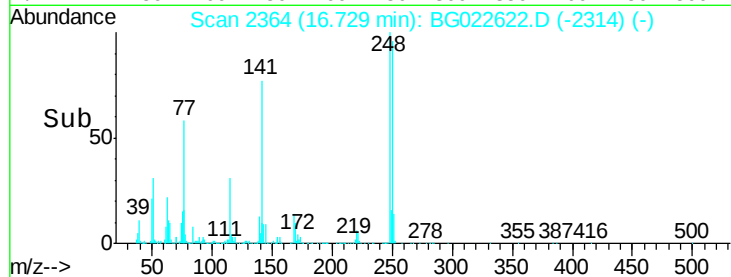
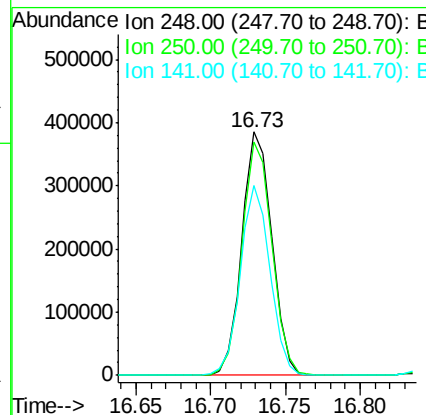
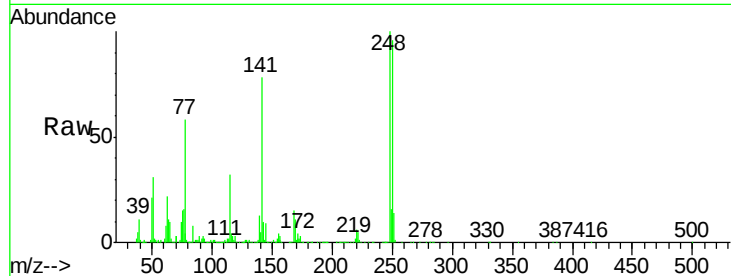




#66
4-Bromophenyl-phenylether
Concen: 38.05 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

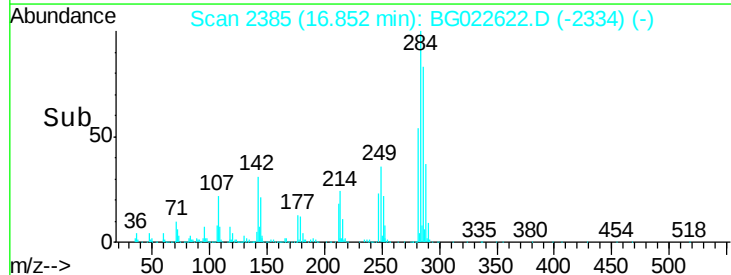
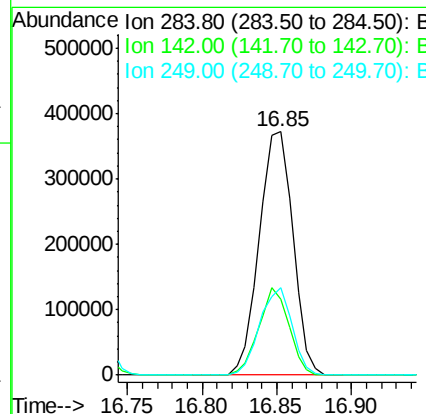
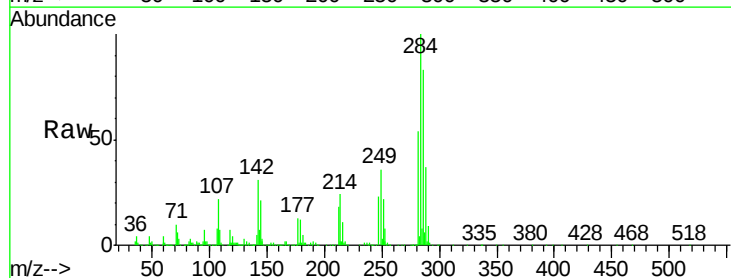
Instrument :
BNA_G
ClientSampleId :
PB91574BS

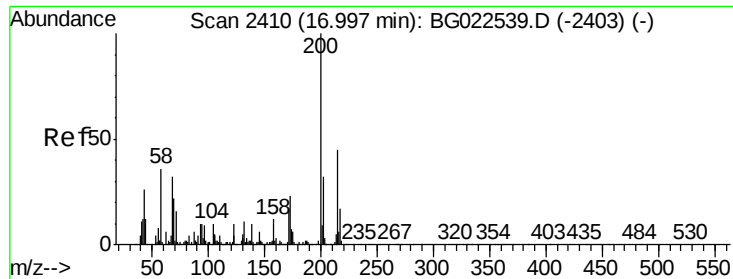
Tgt Ion:248 Resp: 536577
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.8
141 77.7 65.7 98.5



#67
Hexachlorobenzene
Concen: 38.92 ng
RT: 16.85 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:284 Resp: 580471
Ion Ratio Lower Upper
284 100
142 31.2 26.8 40.2
249 39.4 28.9 43.3

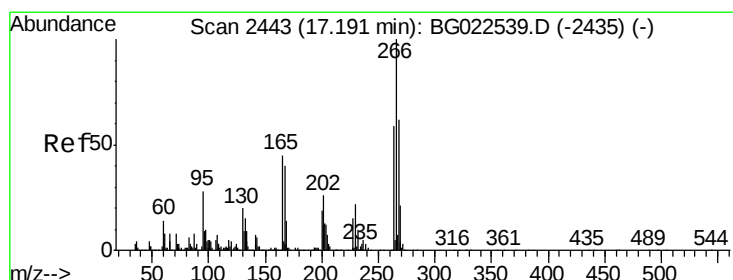
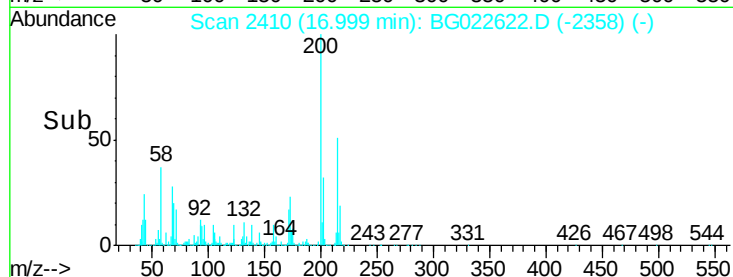
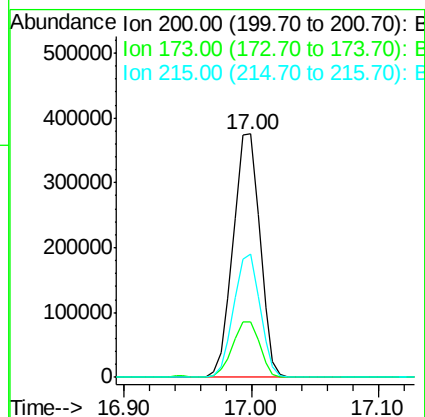
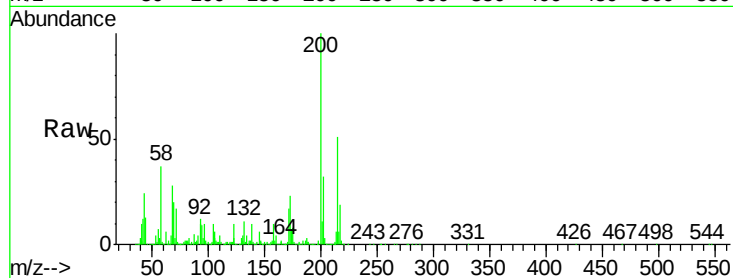




#68
Atrazine
Concen: 41.13 ng
RT: 17.00 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

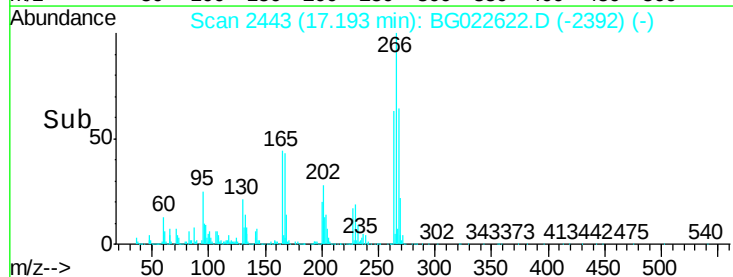
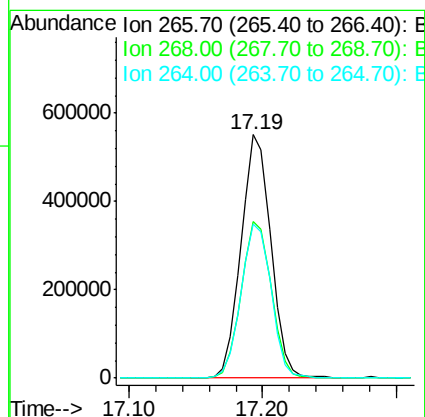
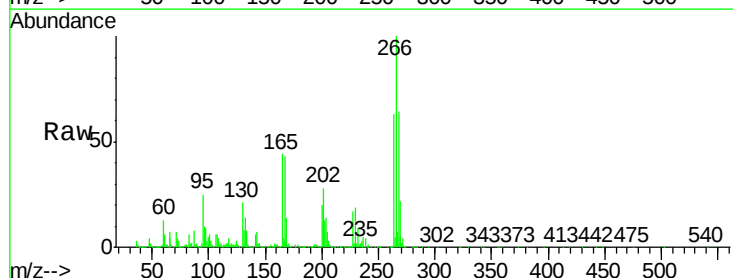
Instrument :
BNA_G
ClientSampleId :
PB91574BS

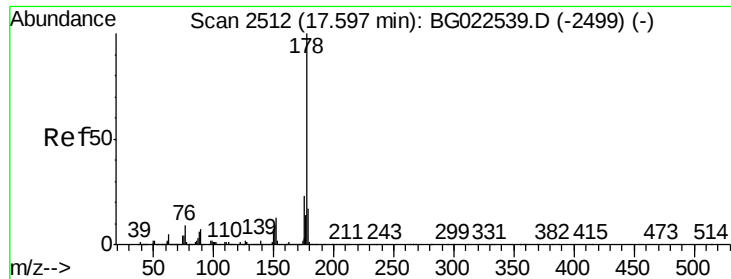
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.8	1.6	41.6
215	50.9	28.7	68.7



#69
Pentachlorophenol
Concen: 83.23 ng
RT: 17.19 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.9	77.9
264	63.1	50.6	75.8





#70

Phenanthrene

Concen: 38.46 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

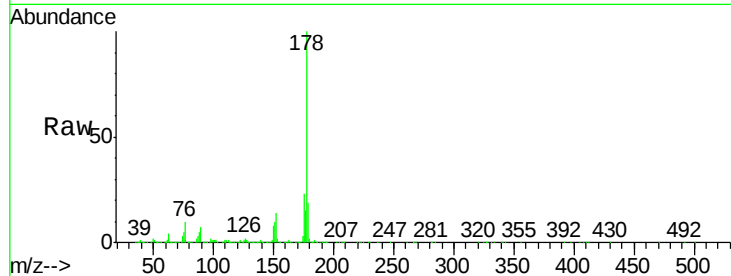
Tgt Ion:178 Resp: 2132026

Ion Ratio Lower Upper

178 100

176 23.2 16.8 25.2

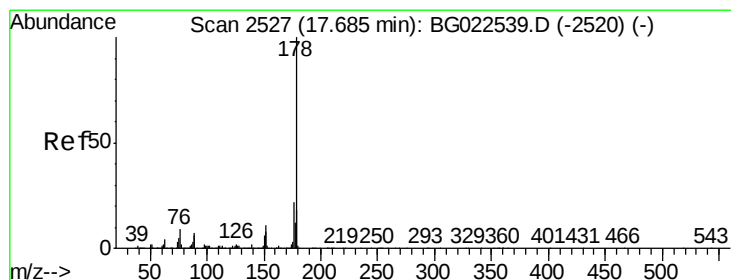
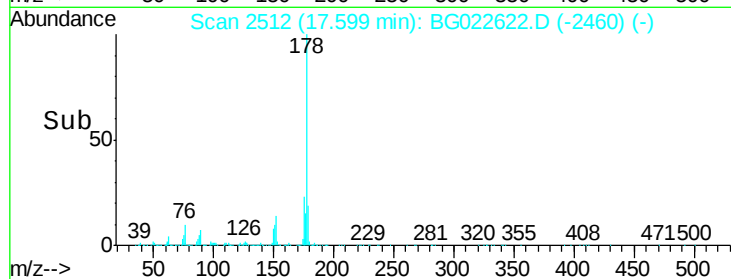
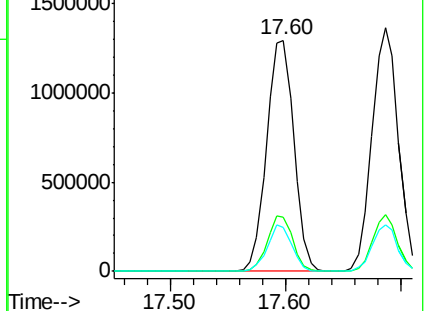
179 19.1 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 37.95 ng

RT: 17.69 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

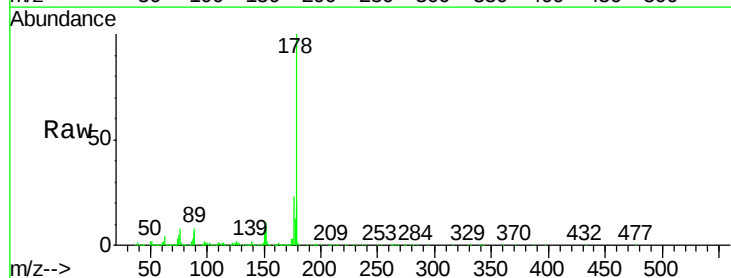
Tgt Ion:178 Resp: 2165425

Ion Ratio Lower Upper

178 100

176 23.1 17.3 25.9

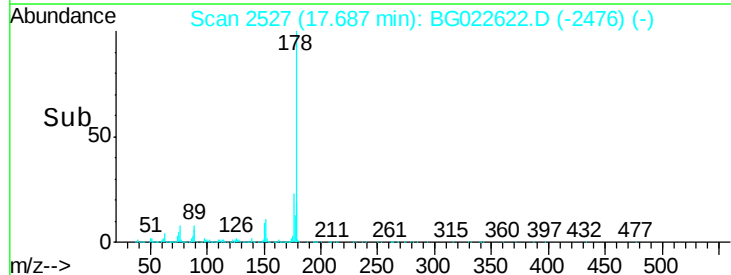
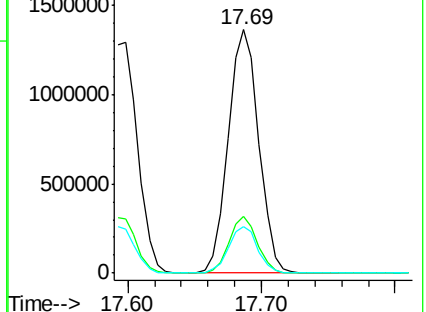
179 19.2 14.0 21.0

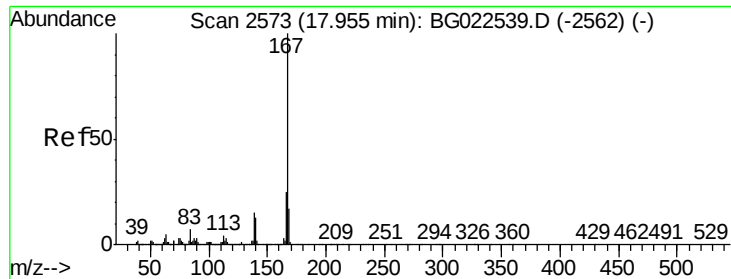


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.70 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

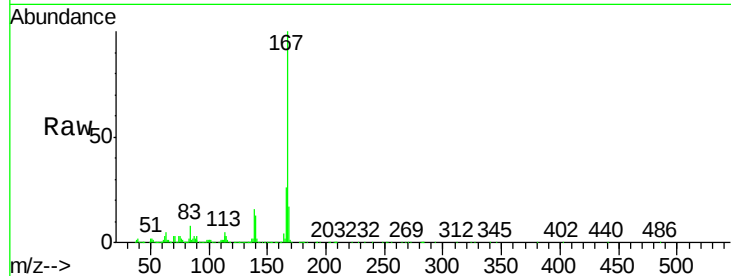
Tgt Ion:167 Resp: 1968603

Ion Ratio Lower Upper

167 100

166 26.3 20.7 31.1

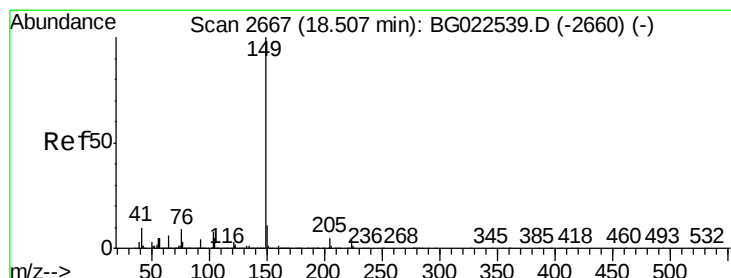
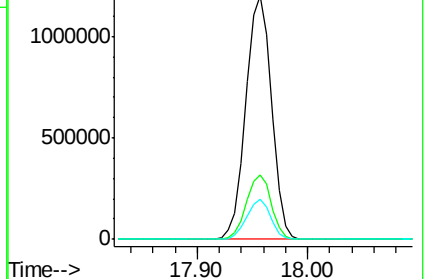
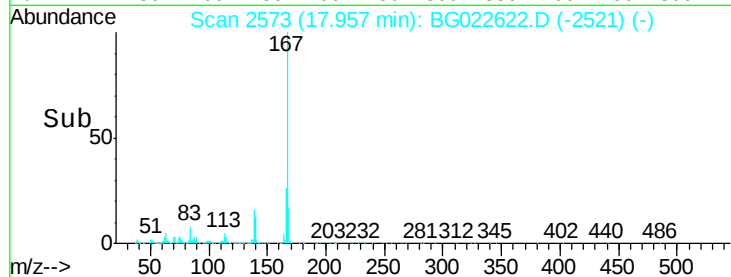
139 16.5 11.9 17.9



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: 40.52 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

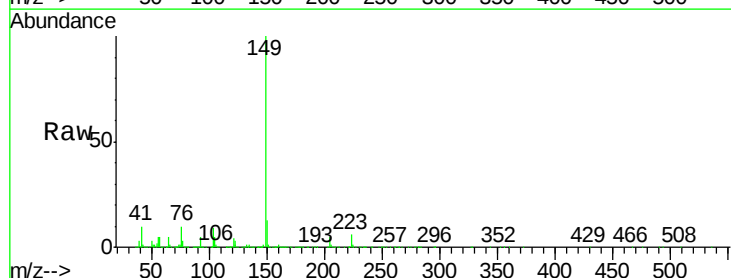
Tgt Ion:149 Resp: 2282133

Ion Ratio Lower Upper

149 100

150 13.1 9.1 13.7

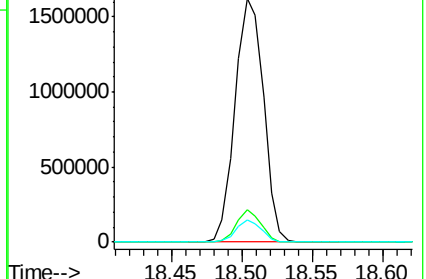
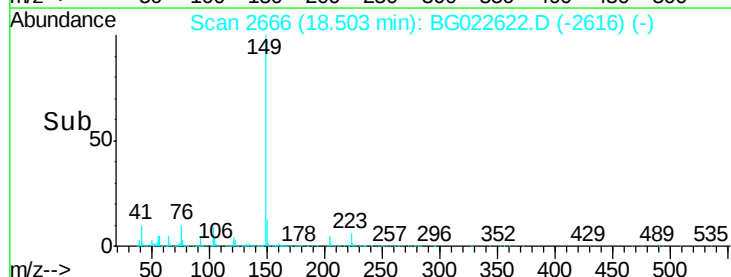
104 9.3 6.9 10.3

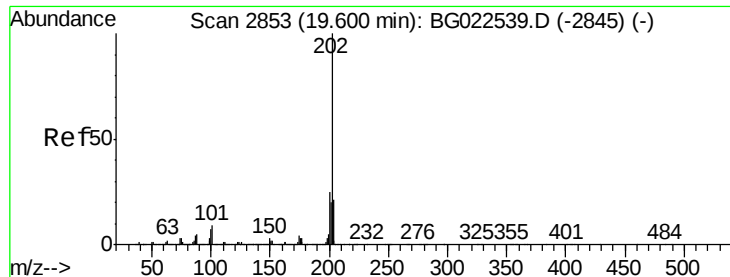


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

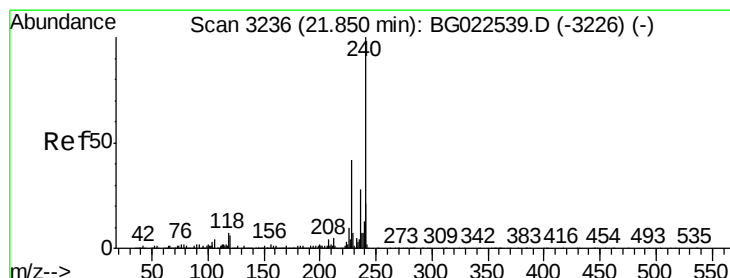
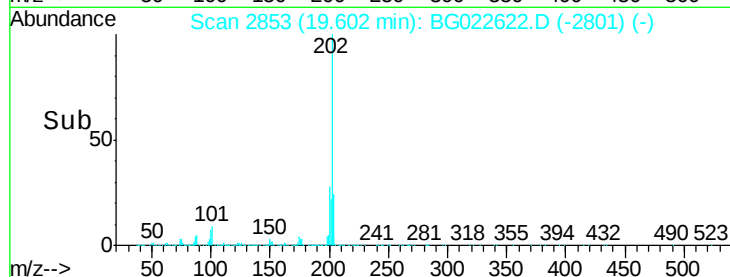
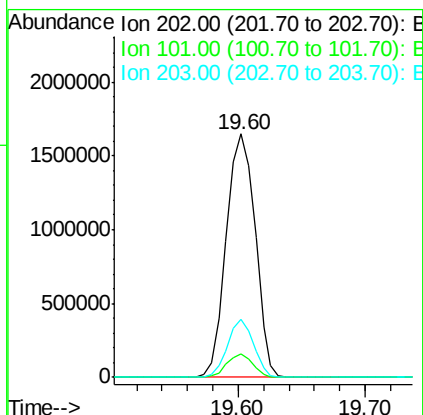
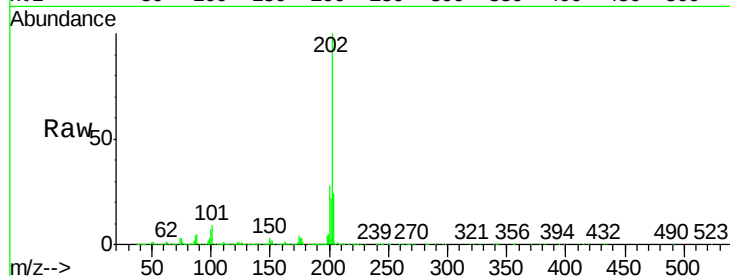




#74
 Fluoranthene
 Concen: 40.76 ng
 RT: 19.60 min Scan# 2853
 Delta R.T. 0.01 min
 Lab File: BG022622.D
 Acq: 26 Jun 2016 23:24

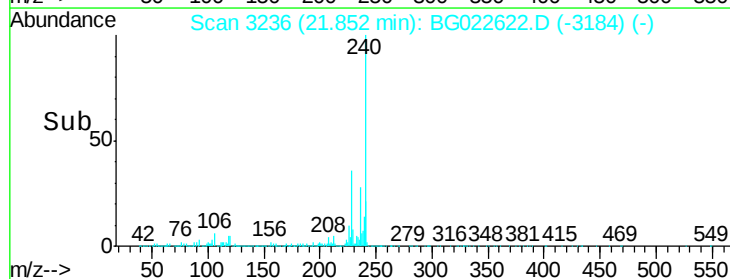
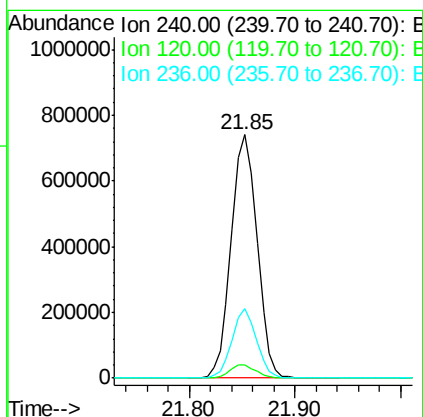
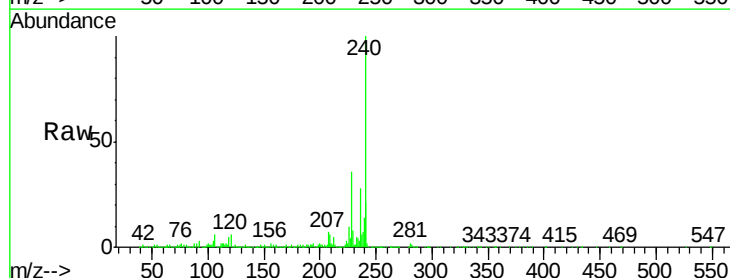
Instrument :
 BNA_G
 ClientSampleId :
 PB91574BS

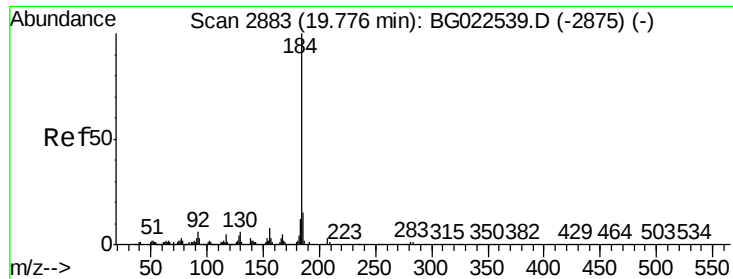
Tgt Ion:202 Resp: 2603195
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 27.4
 203 23.9 1.7 41.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BG022622.D
 Acq: 26 Jun 2016 23:24

Tgt Ion:240 Resp: 1255488
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.1 6.1
 236 28.5 21.1 31.7

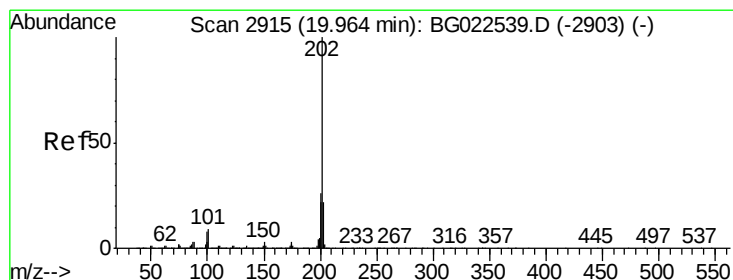
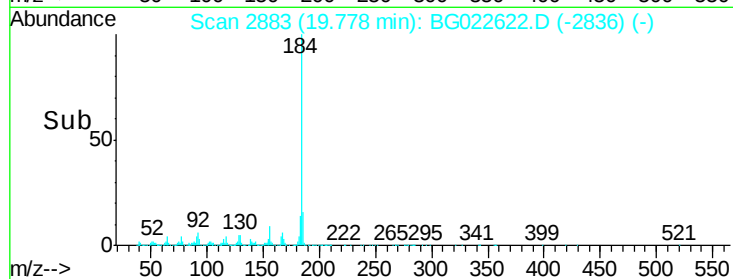
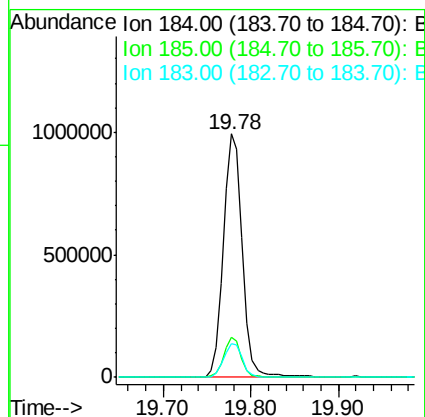
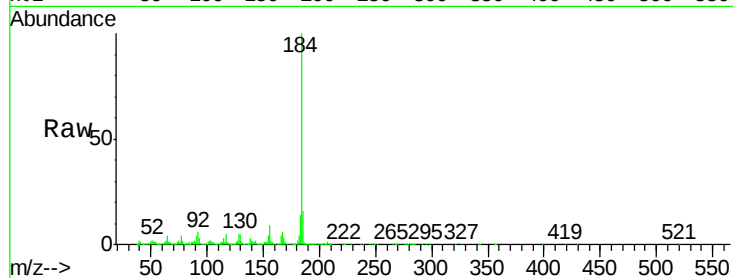




#76
Benzidine
Concen: 111.52 ng
RT: 19.78 min Scan# 2883
Delta R.T. -0.02 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

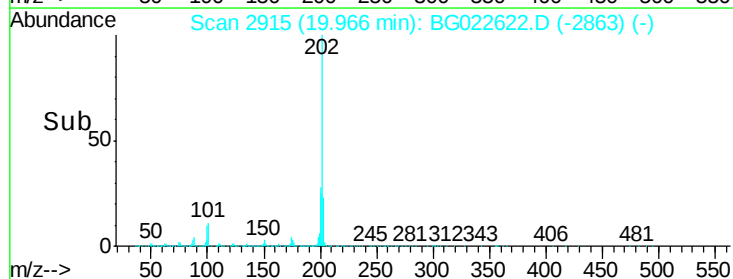
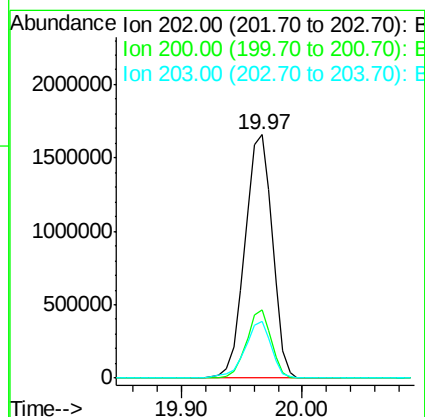
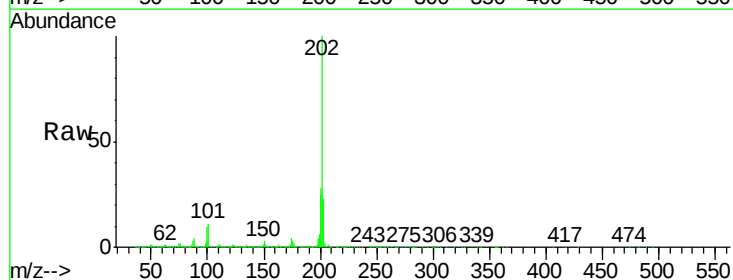
Instrument :
BNA_G
ClientSampleId :
PB91574BS

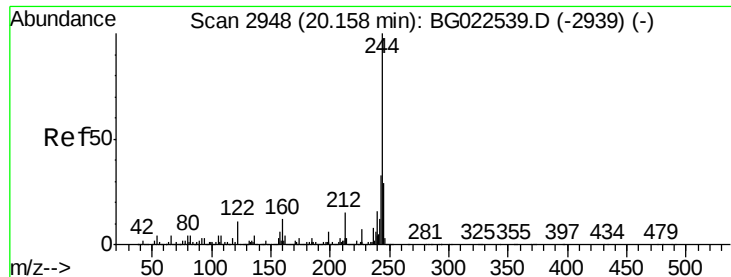
Tgt Ion:184 Resp: 1490700
Ion Ratio Lower Upper
184 100
185 16.3 12.6 19.0
183 13.7 10.7 16.1



#77
Pyrene
Concen: 39.48 ng
RT: 19.97 min Scan# 2915
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:202 Resp: 2639759
Ion Ratio Lower Upper
202 100
200 28.0 21.2 31.8
203 23.5 16.8 25.2





#78

Terphenyl-d14

Concen: 66.47 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

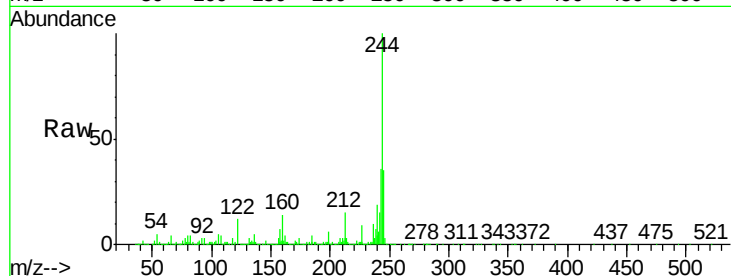
Tgt Ion:244 Resp: 3149851

Ion Ratio Lower Upper

244 100

212 15.5 10.8 16.2

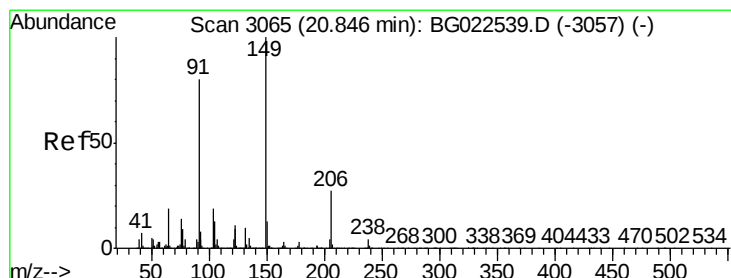
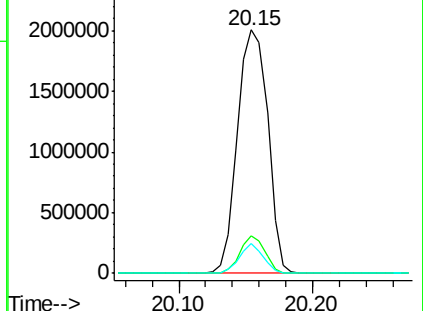
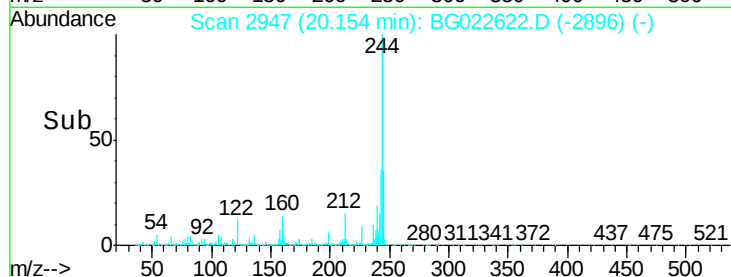
122 12.2 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.55 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

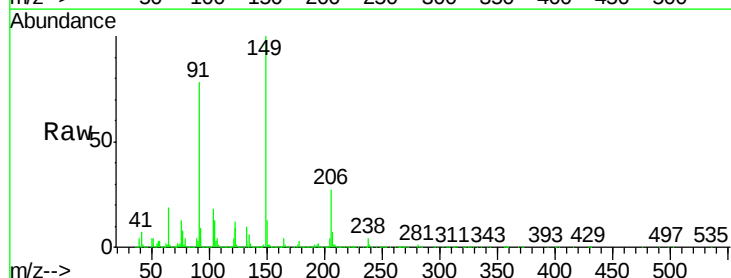
Tgt Ion:149 Resp: 1173746

Ion Ratio Lower Upper

149 100

91 78.4 68.1 102.1

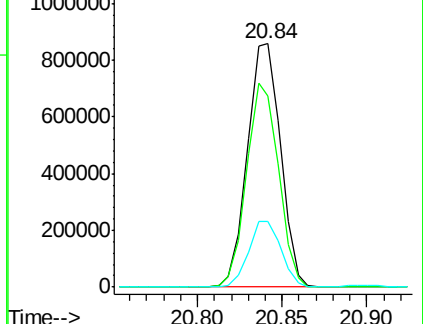
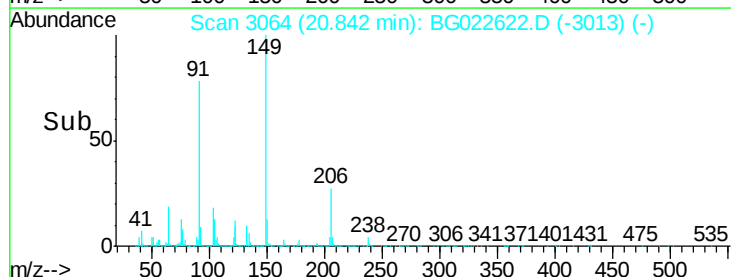
206 27.1 19.8 29.6

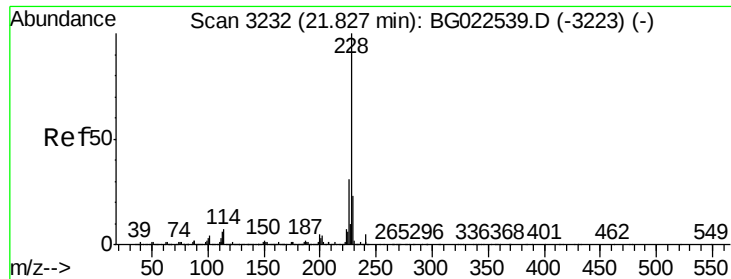


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

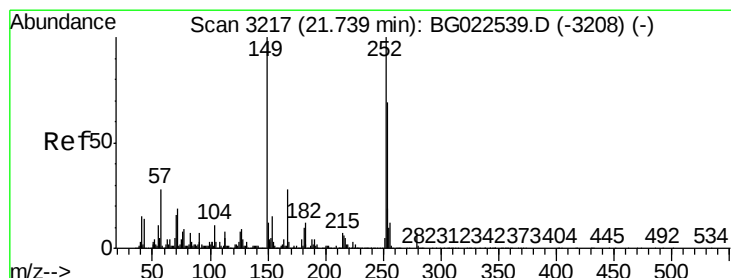
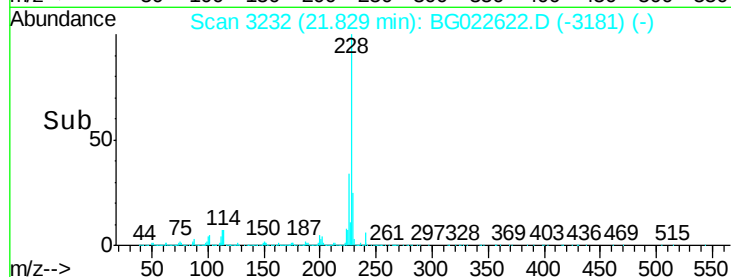
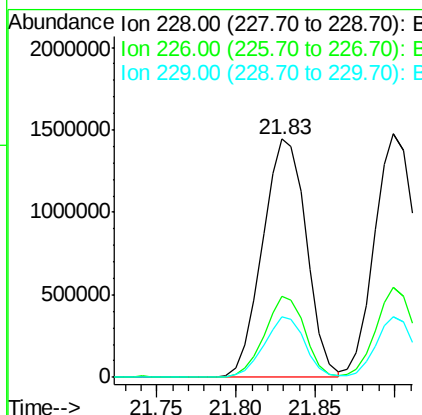
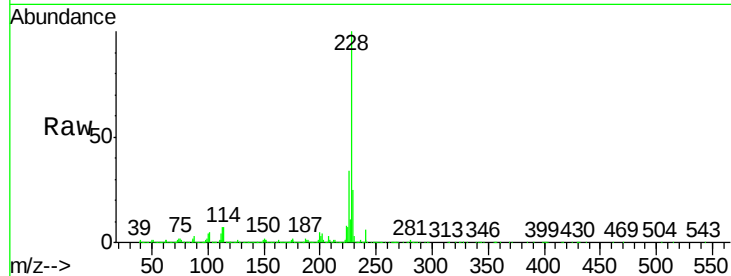




#80
Benzo(a)anthracene
Concen: 39.90 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

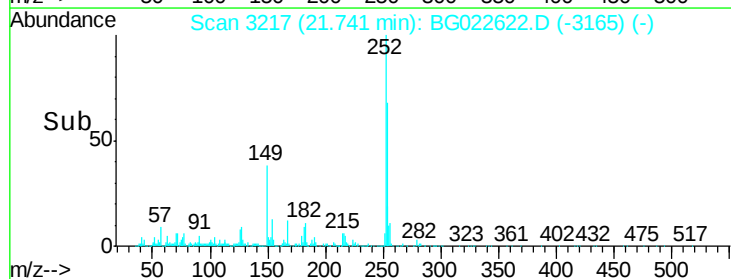
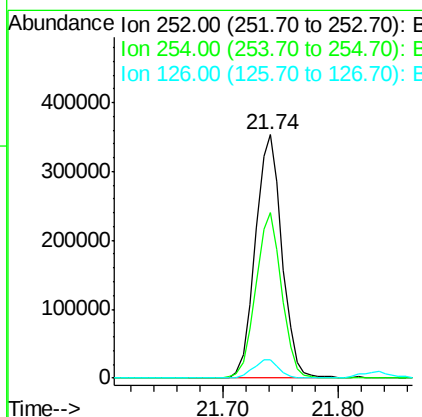
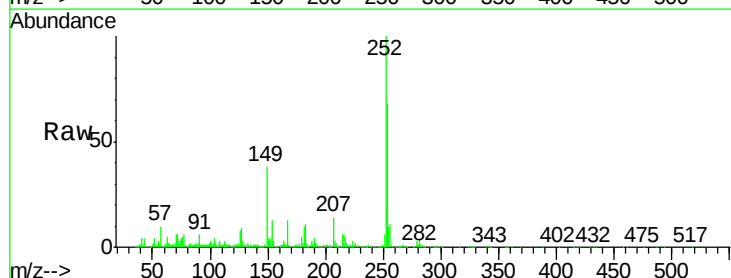
Instrument :
BNA_G
ClientSampleId :
PB91574BS

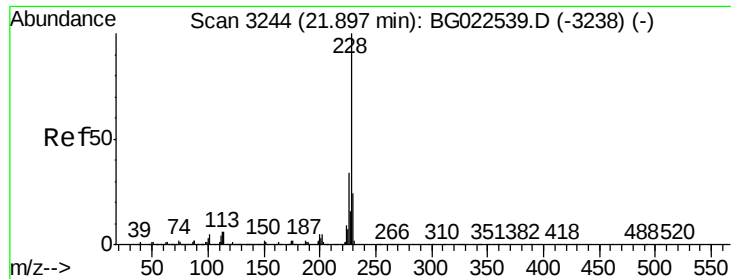
Tgt Ion: 228 Resp: 2771633
Ion Ratio Lower Upper
228 100
226 34.0 25.3 37.9
229 25.2 19.9 29.9



#81
3,3'-Dichlorobenzidine
Concen: 19.69 ng
RT: 21.74 min Scan# 3217
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion: 252 Resp: 564985
Ion Ratio Lower Upper
252 100
254 68.0 51.2 76.8
126 7.6 5.3 7.9





#82

Chrysene

Concen: 39.98 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

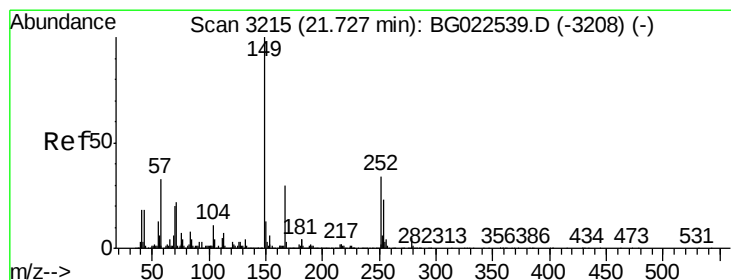
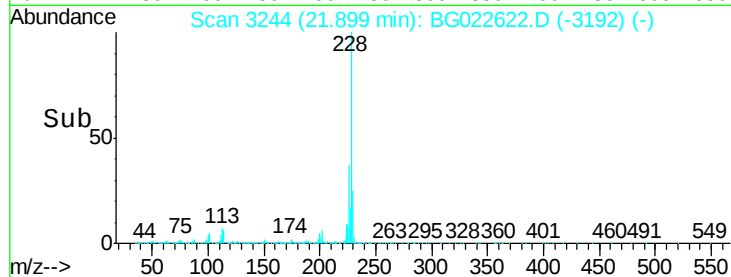
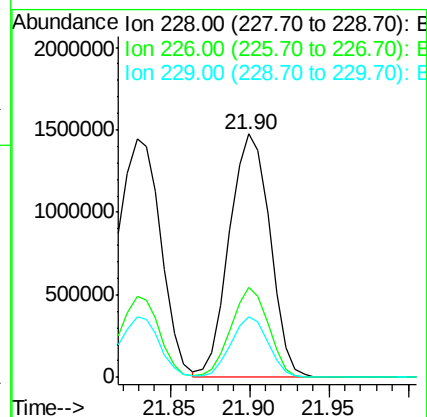
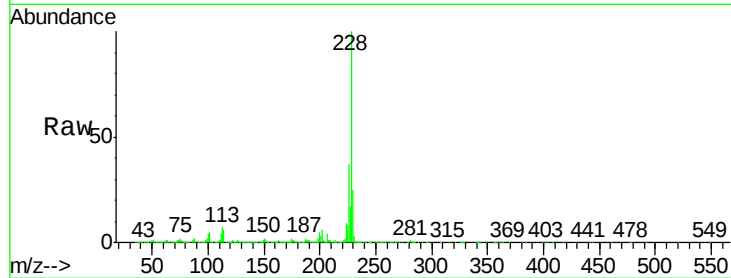
Tgt Ion:228 Resp: 2609669

Ion Ratio Lower Upper

228 100

226 37.1 26.7 40.1

229 25.1 17.4 26.2



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.38 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

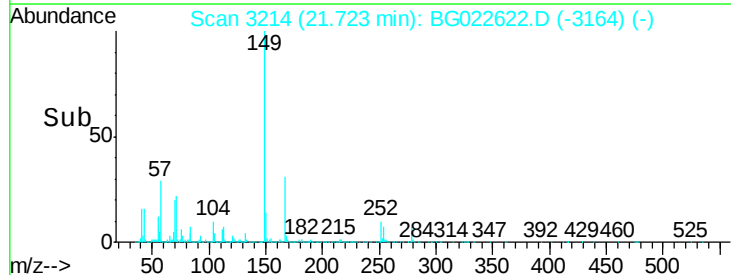
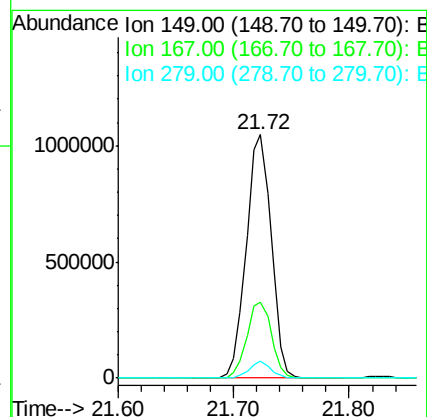
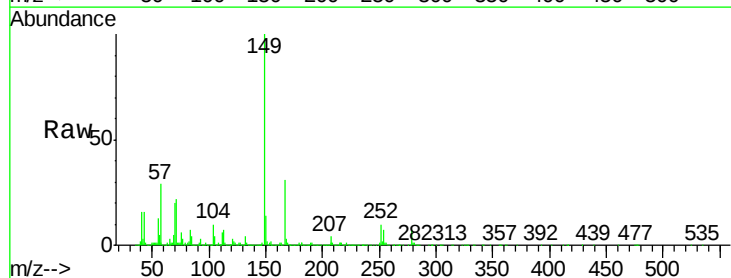
Tgt Ion:149 Resp: 1564444

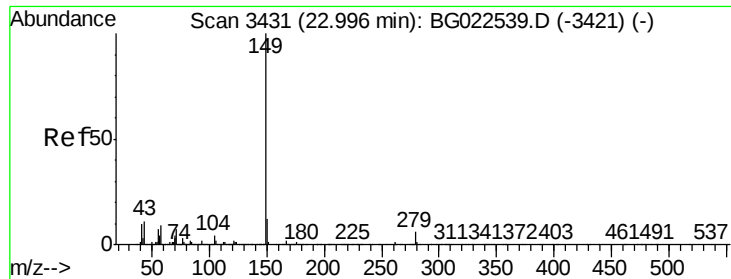
Ion Ratio Lower Upper

149 100

167 31.4 24.0 36.0

279 7.2 4.8 7.2#





#84

Di-n-octyl phthalate

Concen: 38.46 ng

RT: 22.99 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

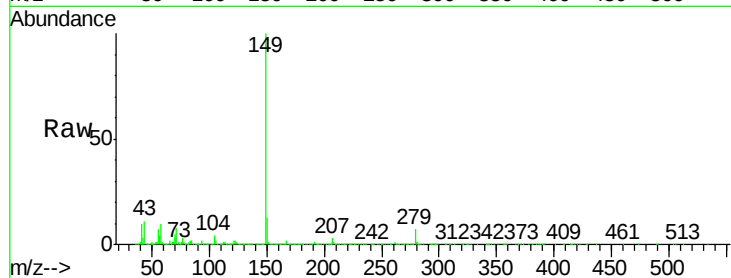
Tgt Ion:149 Resp: 2584064

Ion Ratio Lower Upper

149 100

167 2.0 1.5 2.3

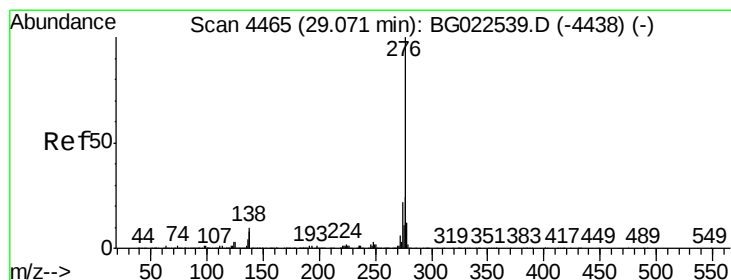
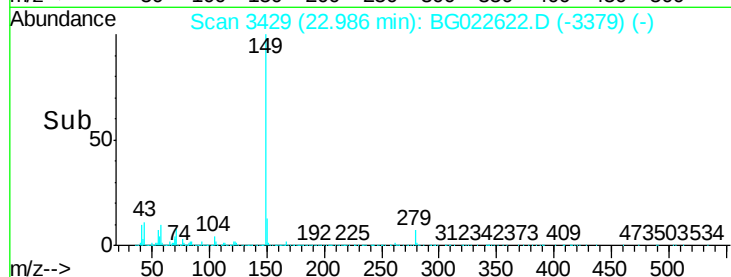
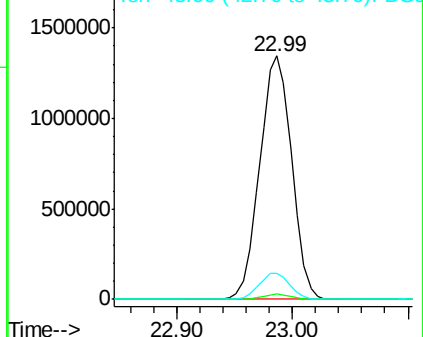
43 10.4 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.52 ng

RT: 29.08 min Scan# 4466

Delta R.T. 0.03 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

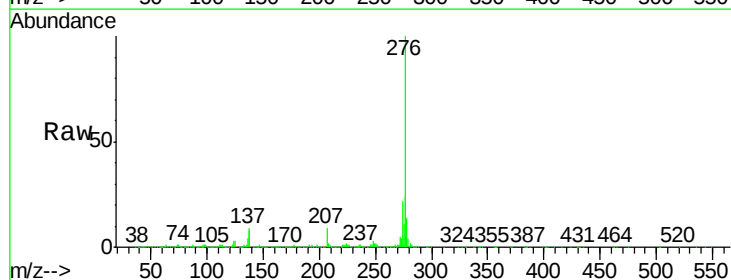
Tgt Ion:276 Resp: 3476293

Ion Ratio Lower Upper

276 100

138 5.4 0.0 0.0#

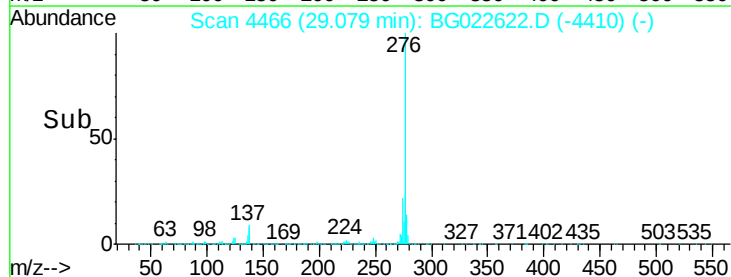
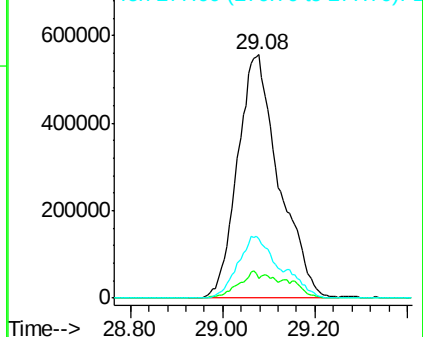
277 21.5 0.0 0.0#

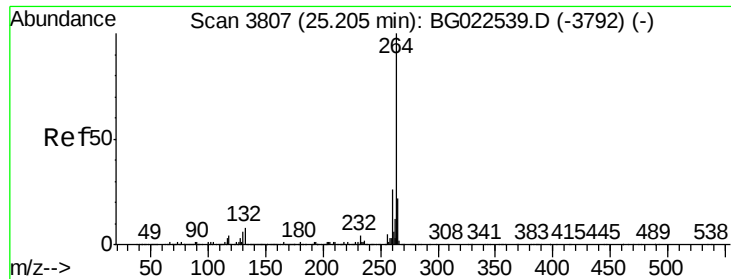


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



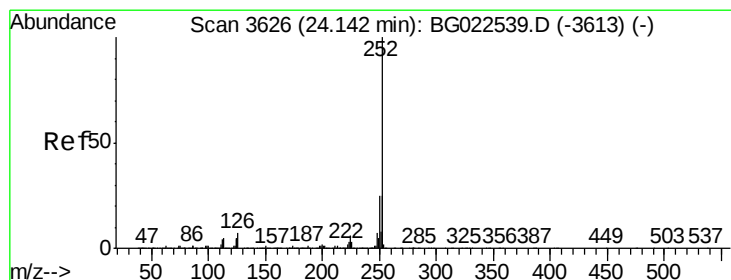
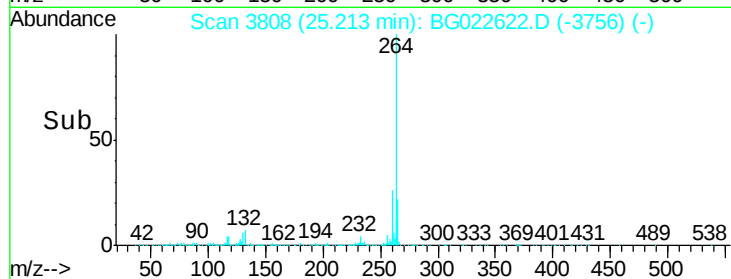
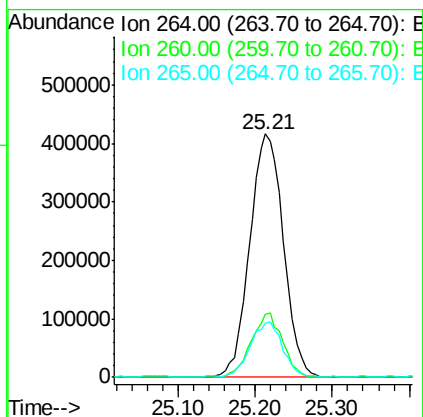
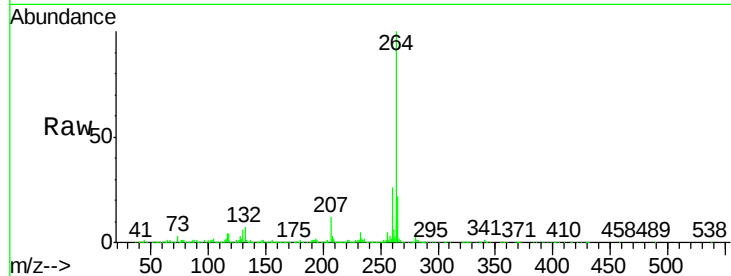


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Instrument :
BNA_G
ClientSampled :
PB91574BS

Tgt Ion:264 Resp: 1269243

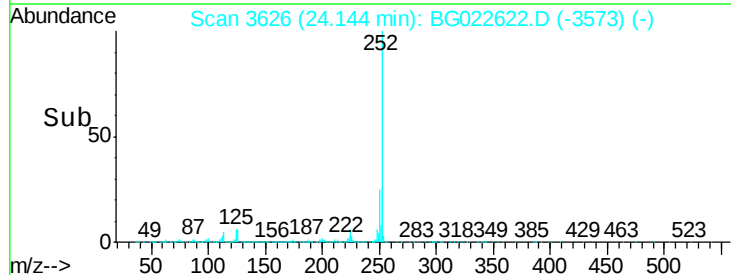
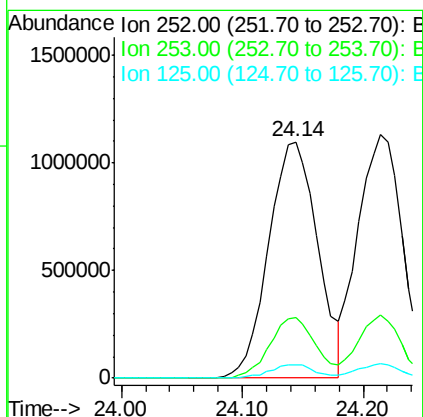
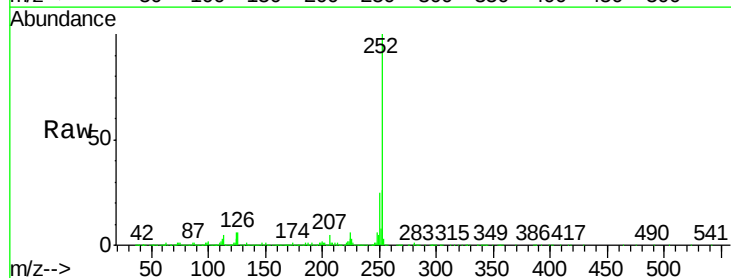
Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.4	27.6
265	22.1	18.9	28.3

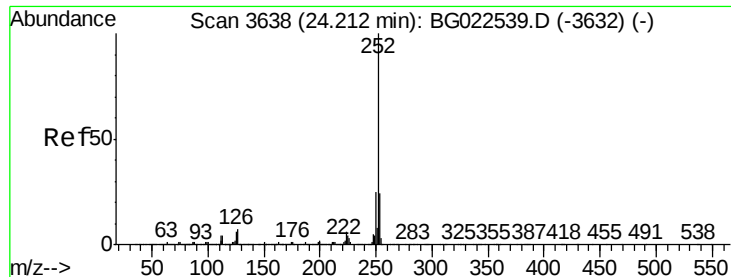


#87
Benzo(b)fluoranthene
Concen: 40.38 ng
RT: 24.14 min Scan# 3626
Delta R.T. 0.01 min
Lab File: BG022622.D
Acq: 26 Jun 2016 23:24

Tgt Ion:252 Resp: 3081675

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.9	28.3
125	5.8	3.9	5.9





#88

Benzo(k)fluoranthene

Concen: 39.94 ng

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

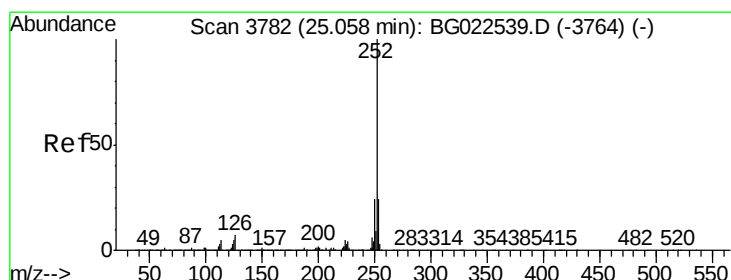
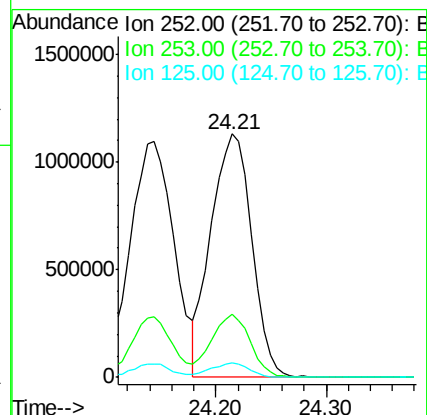
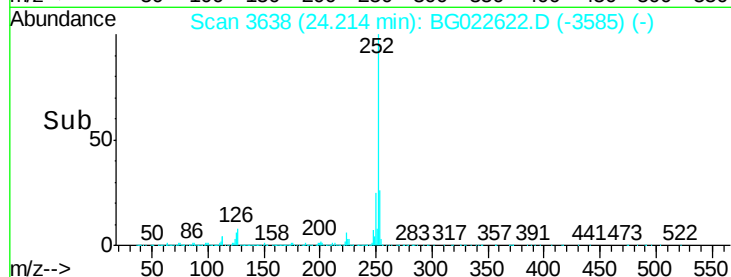
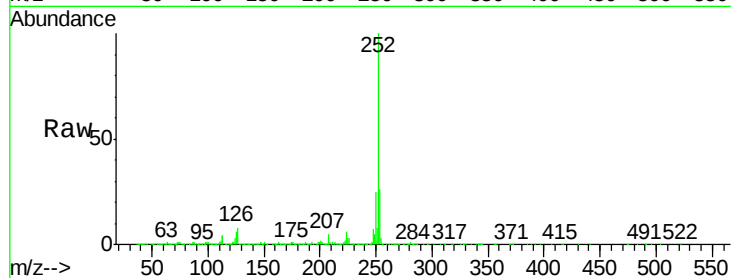
Tgt Ion:252 Resp: 2881784

Ion Ratio Lower Upper

252 100

253 25.9 18.8 28.2

125 6.0 3.2 4.8#



#89

Benzo(a)pyrene

Concen: 40.24 ng

RT: 25.05 min Scan# 3781

Delta R.T. 0.01 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

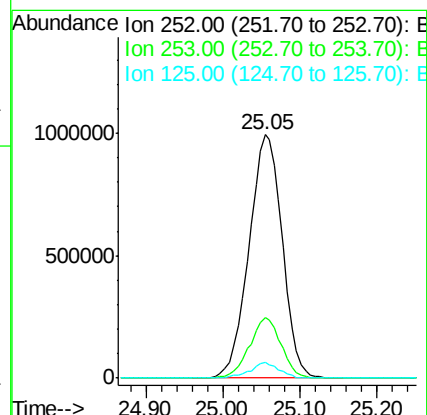
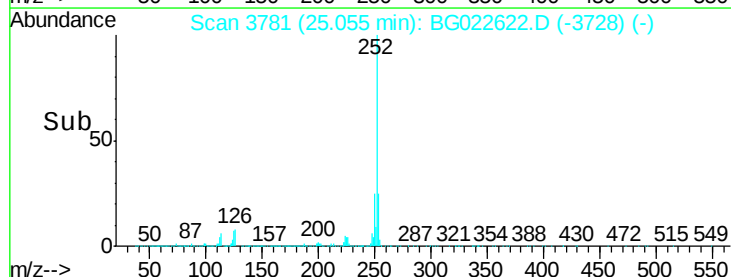
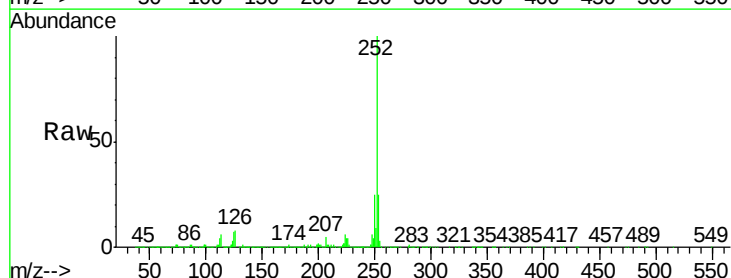
Tgt Ion:252 Resp: 2993844

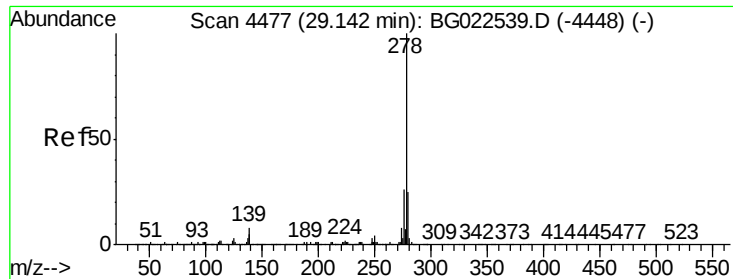
Ion Ratio Lower Upper

252 100

253 24.8 18.7 28.1

125 6.6 3.9 5.9#





#90

Dibenzo(a,h)anthracene

Concen: 41.33 ng

RT: 29.16 min Scan# 4479

Delta R.T. 0.04 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

Instrument :

BNA_G

ClientSampleId :

PB91574BS

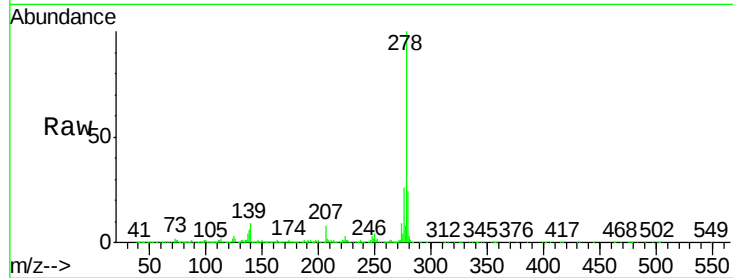
Tgt Ion:278 Resp: 2894745

Ion Ratio Lower Upper

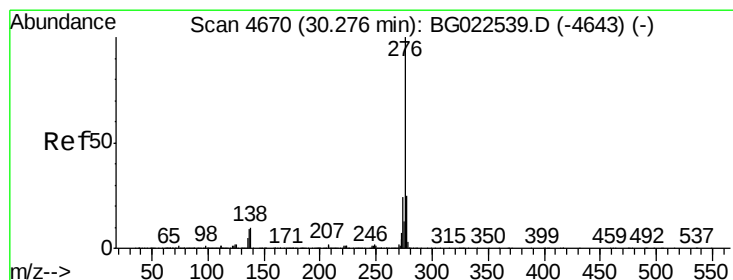
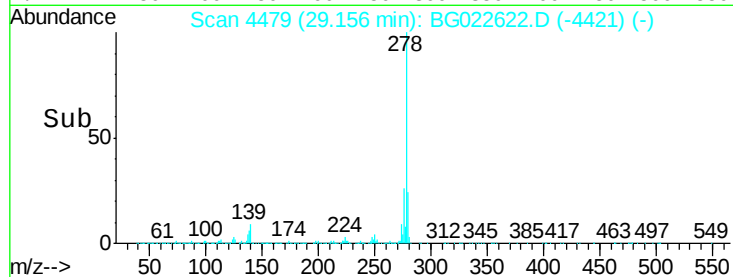
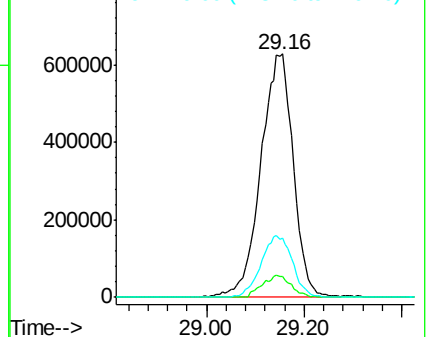
278 100

139 8.6 4.7 7.1#

279 24.4 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.26 ng

RT: 30.28 min Scan# 4671

Delta R.T. 0.03 min

Lab File: BG022622.D

Acq: 26 Jun 2016 23:24

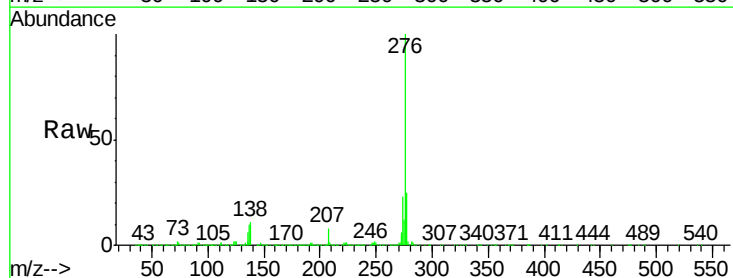
Tgt Ion:276 Resp: 2870523

Ion Ratio Lower Upper

276 100

277 25.2 18.6 27.8

138 11.1 6.8 10.2#



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

