

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
 Data File : BG023179.D
 Acq On : 19 Jul 2016 16:47
 Operator : UM/SJ
 Sample : PB92266BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

Quant Time: Jul 20 01:10:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	97511	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	473363	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	369380	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	854044	20.00	ng	0.00
75) Chrysene-d12	21.87	240	881404	20.00	ng	0.00
86) Perylene-d12	25.27	264	863682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	793014	133.01	ng	0.00
7) Phenol-d6	7.30	99	1256979	134.61	ng	0.00
23) Nitrobenzene-d5	9.32	82	912551	82.55	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	609095	91.75	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1849259	78.86	ng	0.00
78) Terphenyl-d14	20.16	244	2521209	94.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	71183	30.72	ng	89
3) Pyridine	3.95	79	252010	31.78	ng	98
4) n-Nitrosodimethylamine	3.86	42	128648	37.81	ng	# 96
6) Aniline	7.46	93	372559	28.79	ng	94
8) 2-Chlorophenol	7.70	128	278641	43.92	ng	95
9) Benzaldehyde	7.27	77	101015	16.19	ng	91
10) Phenol	7.33	94	432897	45.06	ng	92
11) bis(2-Chloroethyl)ether	7.55	93	293579	38.55	ng	91
12) 1,3-Dichlorobenzene	8.03	146	277593	35.74	ng	96
13) 1,4-Dichlorobenzene	8.17	146	293877	37.80	ng	95
14) 1,2-Dichlorobenzene	8.50	146	278566	36.04	ng	95
15) Benzyl Alcohol	8.38	79	386681	45.21	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	388012	41.71	ng	92
17) 2-Methylphenol	8.59	107	287996	46.05	ng	95
18) Hexachloroethane	9.23	117	121256	36.94	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	317056	37.66	ng	97
20) 3+4-Methylphenols	8.91	107	401876	46.07	ng	92
22) Acetophenone	8.97	105	505971	35.62	ng	# 92
24) Nitrobenzene	9.36	77	464663	39.56	ng	93
25) Isophorone	9.88	82	825201	37.11	ng	98
26) 2-Nitrophenol	10.08	139	185320	40.21	ng	88
27) 2,4-Dimethylphenol	10.13	122	319835	40.14	ng	91
28) bis(2-Chloroethoxy)methane	10.36	93	473356	38.17	ng	100
29) 2,4-Dichlorophenol	10.62	162	363816	42.81	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	346557	35.59	ng	98
31) Naphthalene	11.02	128	924029	38.35	ng	99
32) Benzoic acid	10.26	122	216624	29.88	ng	91
33) 4-Chloroaniline	11.13	127	248189	21.06	ng	# 92
34) Hexachlorobutadiene	11.30	225	247823	31.39	ng	96
35) Caprolactam	11.91	113	131895	37.73	ng	94
36) 4-Chloro-3-methylphenol	12.26	107	463075	39.84	ng	96
37) 2-Methylnaphthalene	12.63	142	742633	38.99	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	455272	28.60	ng	99
40) Hexachlorocyclopentadiene	12.97	237	511519	55.82	ng	96

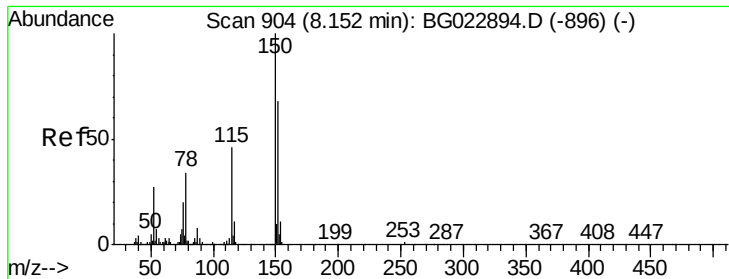
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071916\
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 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	345699	37.78	nq	94
43) 2,4,5-Trichlorophenol	13.31	196	347781	37.02	nq	95
45) 1,1'-Biphenyl	13.63	154	1059095	38.21	nq	98
46) 2-Chloronaphthalene	13.68	162	880352	39.16	nq	98
47) 2-Nitroaniline	13.88	65	388588	40.51	nq	98
48) Acenaphthylene	14.52	152	1325499	39.30	nq	99
49) Dimethylphthalate	14.24	163	1137497	37.70	nq	98
50) 2,6-Dinitrotoluene	14.37	165	263541	38.86	nq	89
51) Acenaphthene	14.86	154	866344	39.31	nq	100
52) 3-Nitroaniline	14.71	138	208988	30.91	nq	83
53) 2,4-Dinitrophenol	14.91	184	275590	59.23	nq	95
54) Dibenzofuran	15.20	168	1377346	41.75	nq	98
55) 4-Nitrophenol	15.02	139	395744	69.82	nq	92
56) 2,4-Dinitrotoluene	15.16	165	383953	38.84	nq	94
57) Fluorene	15.85	166	1106728	38.98	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.43	232	354206	37.68	nq	97
59) Diethylphthalate	15.60	149	1185521	38.62	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	616351	35.64	nq	99
61) 4-Nitroaniline	15.88	138	267914	36.62	nq	# 75
62) Azobenzene	16.13	77	1376010	46.86	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	213954	33.71	nq	95
65) n-Nitrosodiphenylamine	16.05	169	1026040	41.70	nq	97
66) 4-Bromophenyl-phenylether	16.73	248	402645	36.24	nq	99
67) Hexachlorobenzene	16.86	284	419426	34.72	nq	95
68) Atrazine	17.00	200	413893	37.92	nq	98
69) Pentachlorophenol	17.21	266	490246	62.66	nq	98
70) Phenanthrene	17.60	178	1717405	41.03	nq	99
71) Anthracene	17.69	178	1769579	41.75	nq	99
72) Carbazole	17.97	167	1561157	42.63	nq	99
73) Di-n-butylphthalate	18.51	149	1876222	46.07	nq	99
74) Fluoranthene	19.61	202	1958019	38.12	nq	97
76) Benzidine	19.79	184	873812	34.58	nq	99
77) Pyrene	19.98	202	2004835	40.48	nq	99
79) Butylbenzylphthalate	20.85	149	931624	47.49	nq	95
80) Benzo(a)anthracene	21.86	228	2022790	41.02	nq	98
81) 3,3'-Dichlorobenzidine	21.76	252	572270	26.44	nq	# 96
82) Chrysene	21.93	228	1857960	40.16	nq	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1257826	46.17	nq	# 99
84) Di-n-octyl phthalate	23.00	149	2102997	46.29	nq	100
85) Indeno(1,2,3-cd)pyrene	29.14	276	1948503	33.04	nq	# 100
87) Benzo(b)fluoranthene	24.18	252	2008514	40.31	nq	# 97
88) Benzo(k)fluoranthene	24.26	252	2002376	42.34	nq	# 97
89) Benzo(a)pyrene	25.11	252	1987107	41.60	nq	# 98
90) Dibenzo(a,h)anthracene	29.21	278	1666300	35.15	nq	# 94
91) Benzo(g,h,i)perylene	30.36	276	1471122	30.99	nq	# 91

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

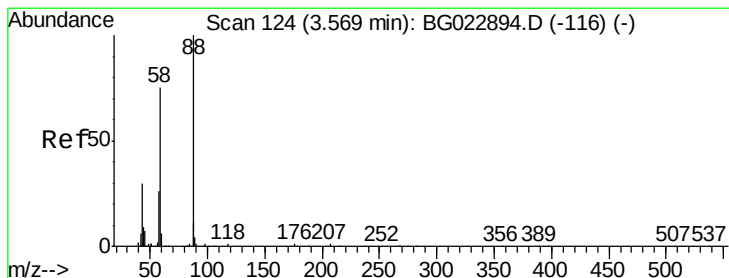
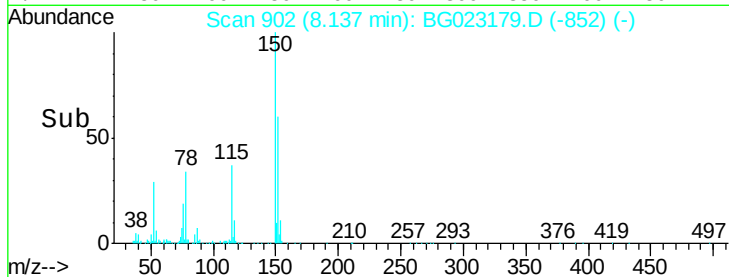
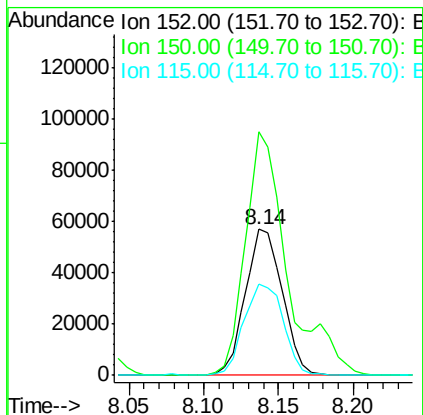
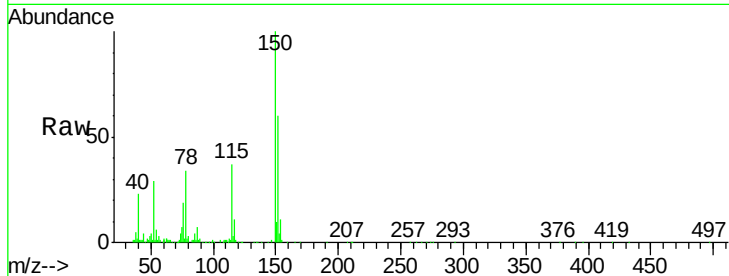


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Instrument :
BNA_G
ClientSampleId :
PB92266BS

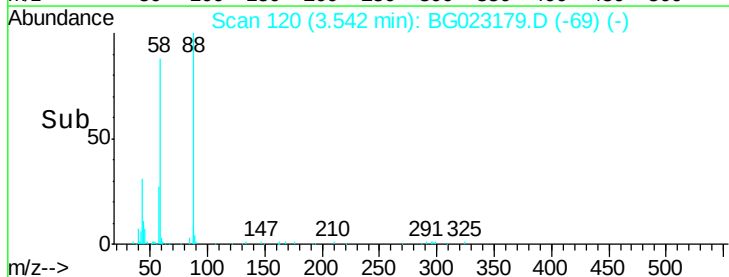
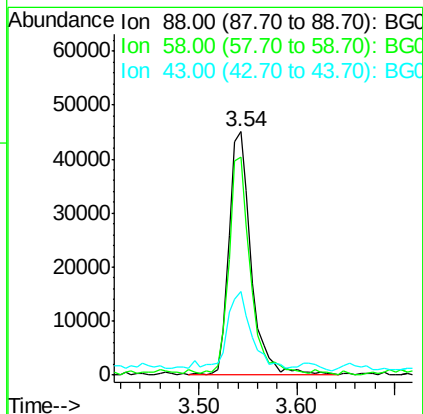
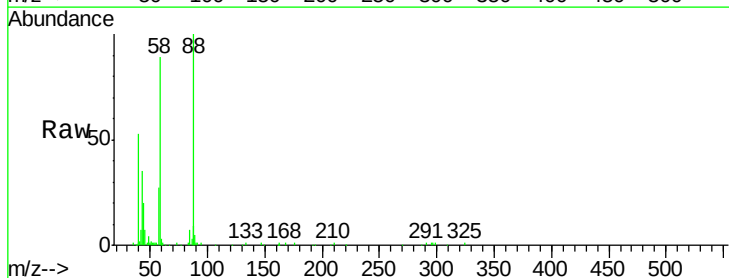
Tot Ion:152 Resp: 97511
Ion Ratio Lower Upper
152 100
150 167.1 144.7 217.1
115 62.3 64.0 96.0#

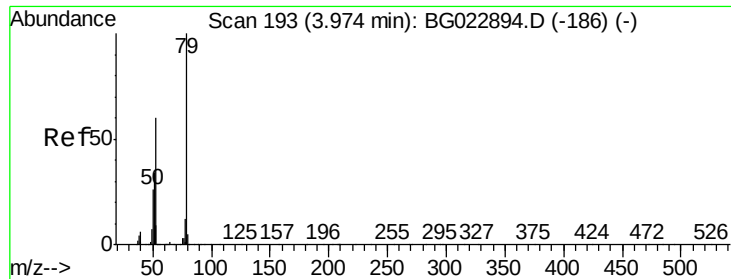


#2

1,4-Dioxane
Concen: 30.72 ng
RT: 3.54 min Scan# 120
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion: 88 Resp: 71183
Ion Ratio Lower Upper
88 100
58 85.4 60.4 90.6
43 33.7 31.1 46.7





#3

Pvridine

Concen: 31.78 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

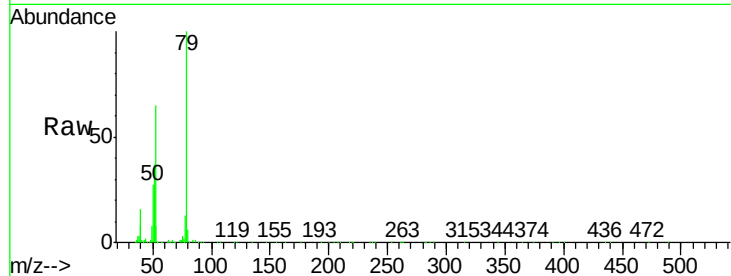
BNA_G

ClientSampleId :

PB92266BS

Tot Ion: 79 Resp: 252010

Ion	Ratio	Lower	Upper
79	100		
52	65.0	51.8	77.8
51	37.2	32.7	49.1

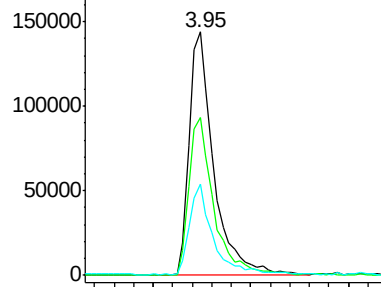


Abundance

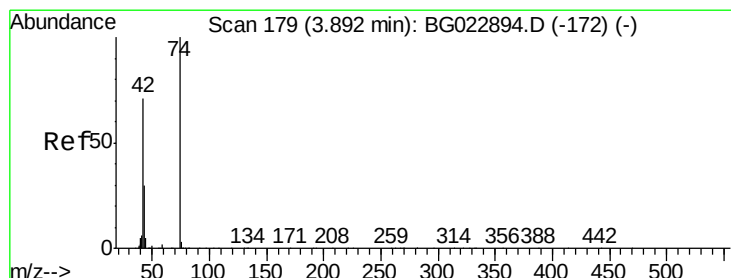
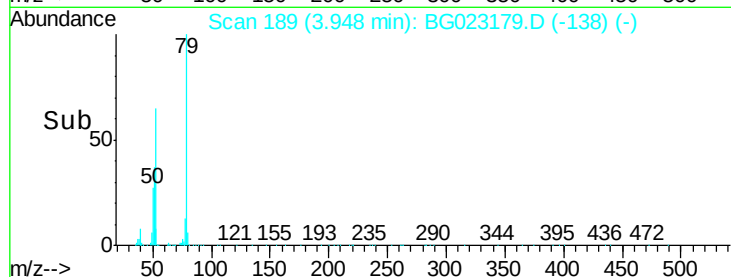
Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 37.81 ng

RT: 3.86 min Scan# 174

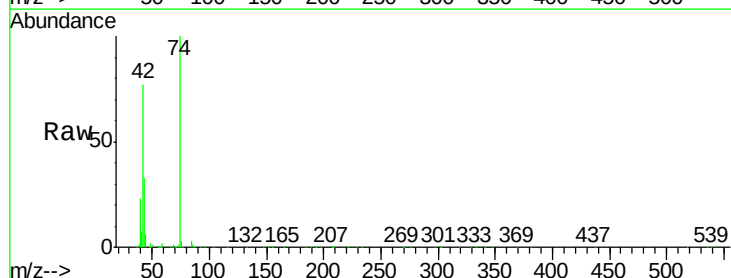
Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Tgt Ion: 42 Resp: 128648

Ion	Ratio	Lower	Upper
42	100		
74	130.5	100.6	150.8
44	7.2	4.5	6.7

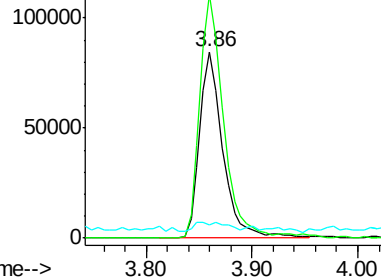


Abundance

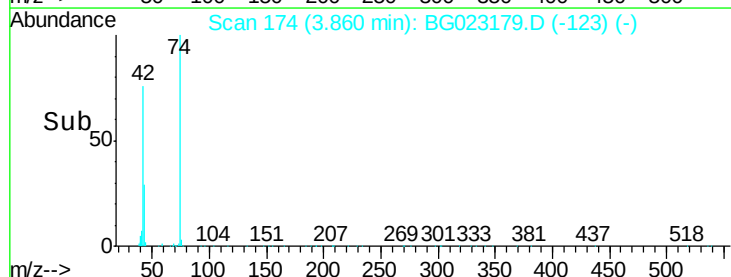
Ion 42.00 (41.70 to 42.70): BGC

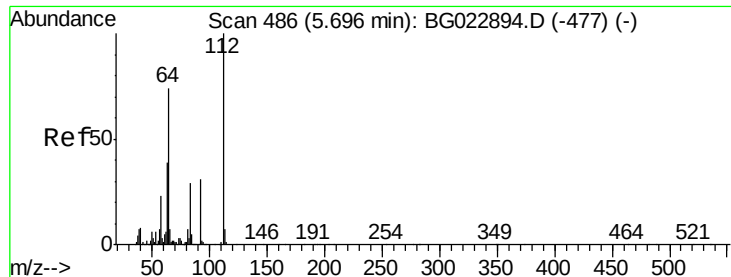
Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 133.01 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

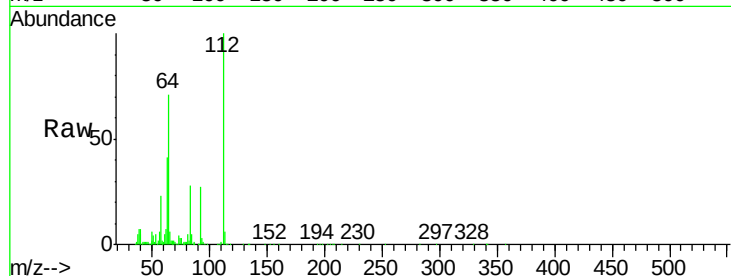
Tot Ion:112 Resp: 793014

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

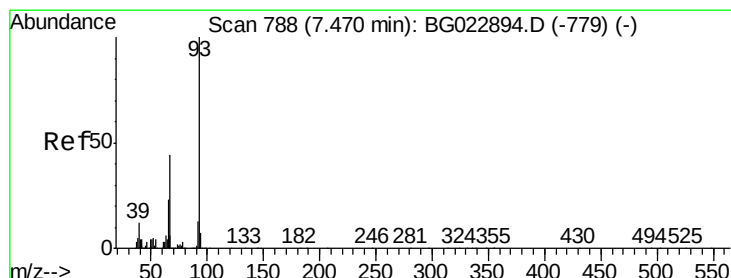
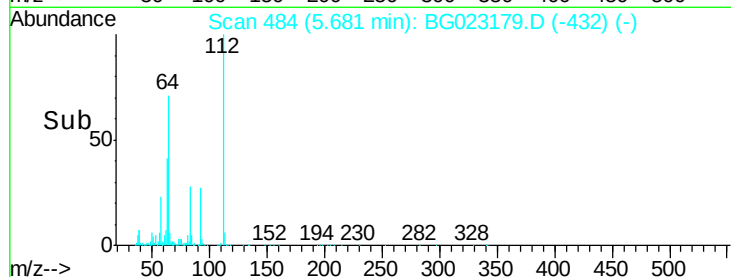
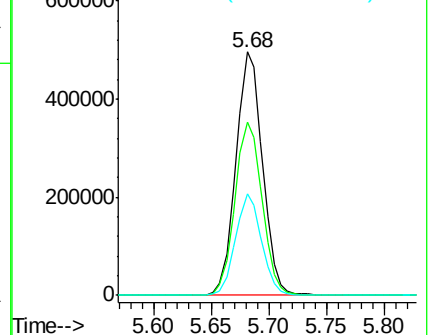
63 41.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.79 ng

RT: 7.46 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

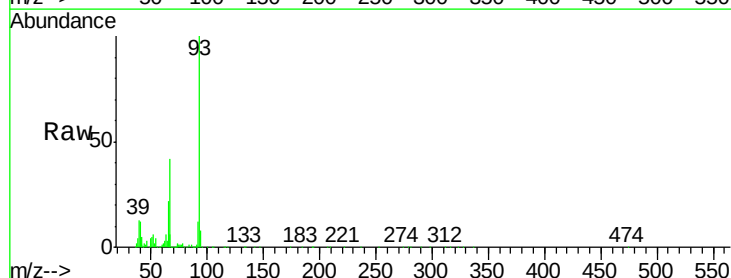
Tgt Ion: 93 Resp: 372559

Ion Ratio Lower Upper

93 100

66 41.9 37.5 56.3

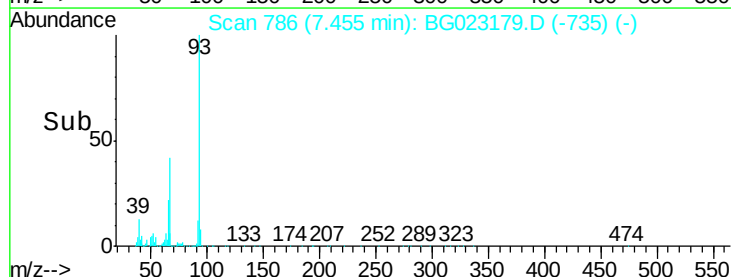
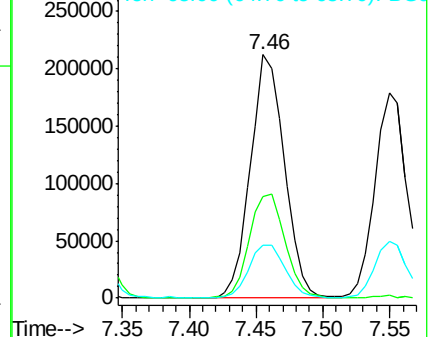
65 21.8 17.9 26.9

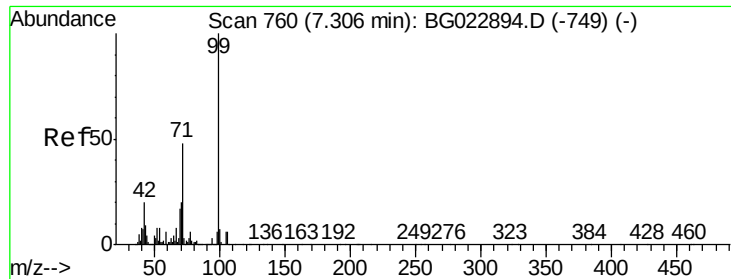


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.61 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

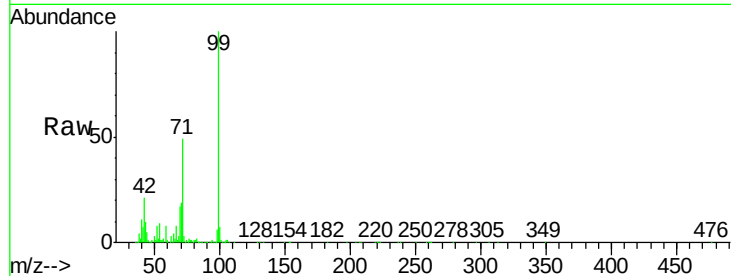
BNA_G

ClientSampleId :

PB92266BS

Tot Ion: 99 Resp: 1256979

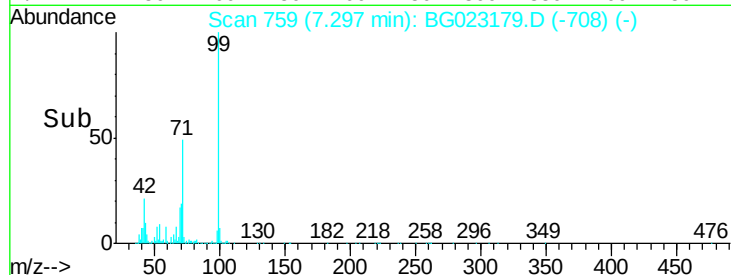
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.8	26.6
71	48.9	41.5	62.3



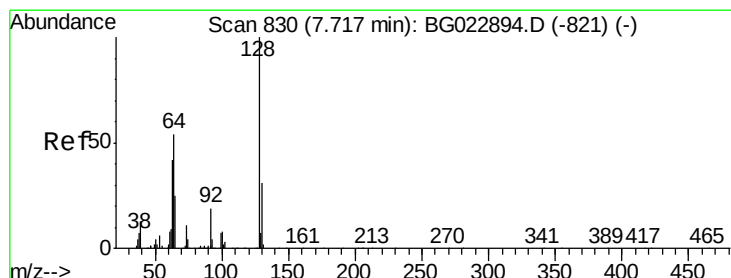
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.20 7.25 7.30 7.35



#8

2-Chlorophenol

Concen: 43.92 ng

RT: 7.70 min Scan# 828

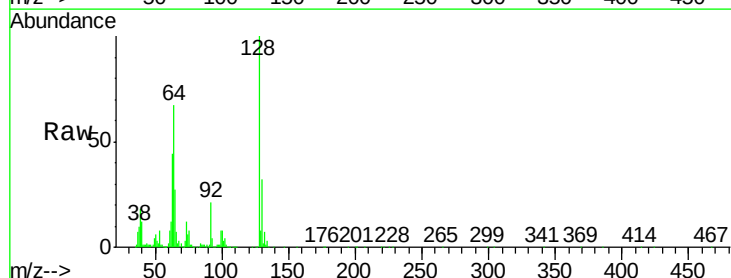
Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Tgt Ion: 128 Resp: 278641

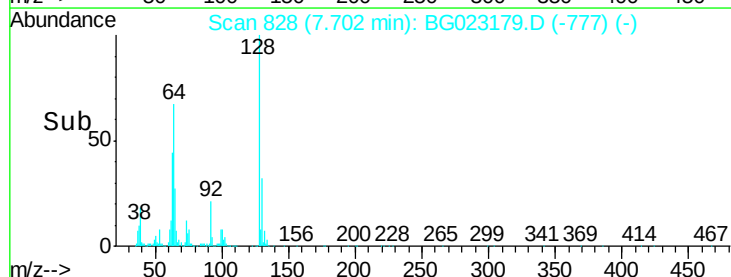
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	67.3	42.0	82.0



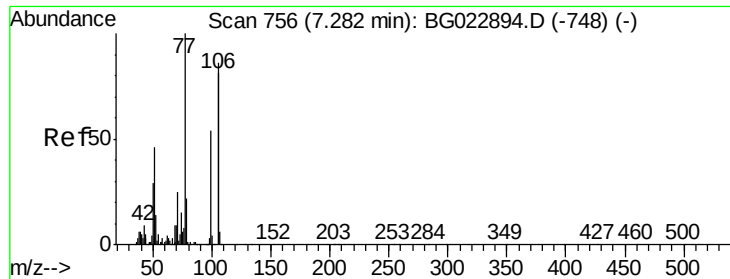
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.60 7.65 7.70 7.75 7.80



#9

Benzaldehyde

Concen: 16.19 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleID :

PB92266BS

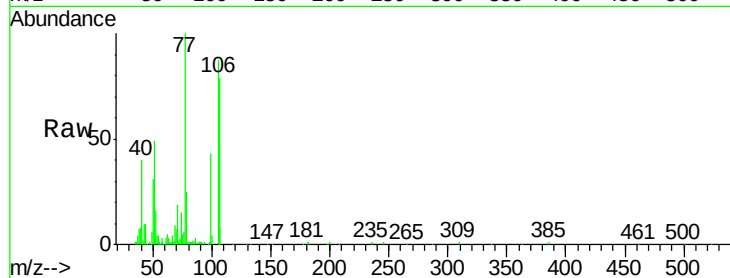
Tot Ion: 77 Resp: 101015

Ion Ratio Lower Upper

77 100

105 86.6 58.7 98.7

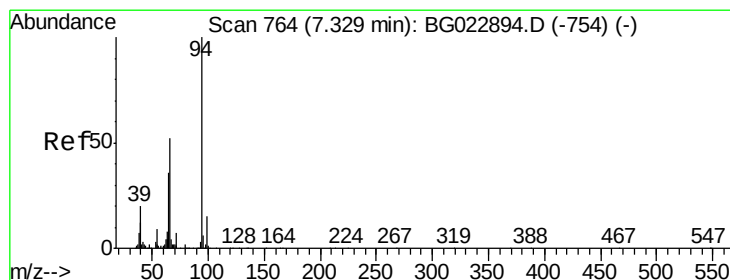
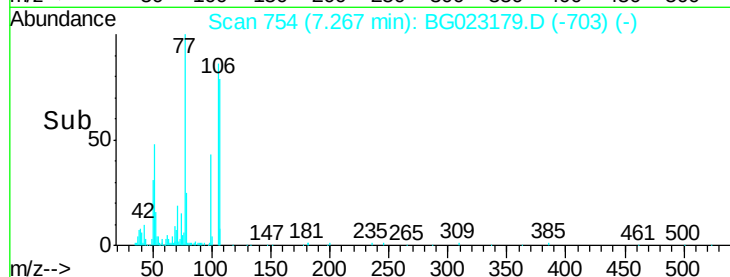
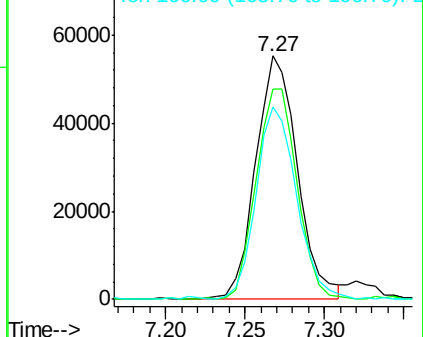
106 79.3 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.06 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

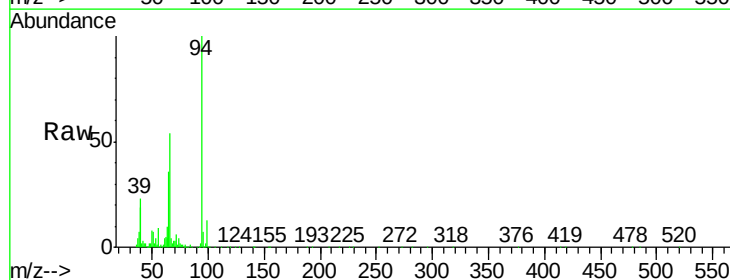
Tgt Ion: 94 Resp: 432897

Ion Ratio Lower Upper

94 100

65 36.0 18.1 58.1

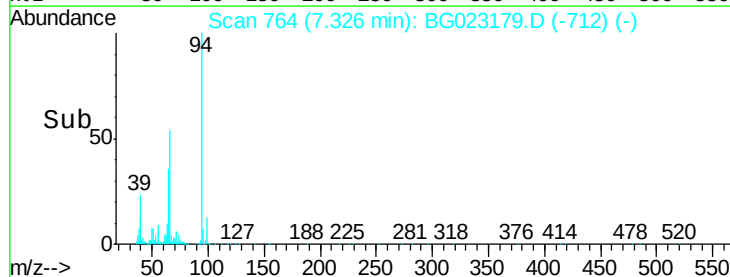
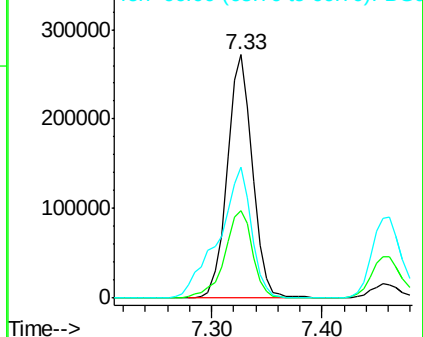
66 53.6 42.1 82.1

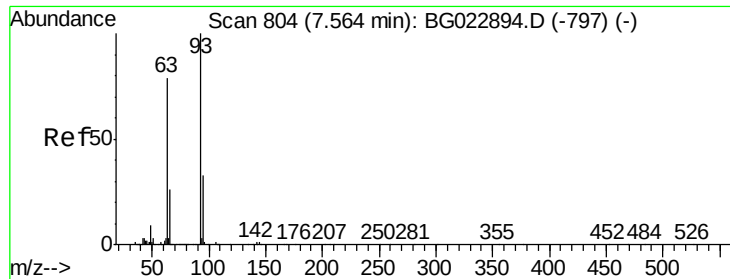


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

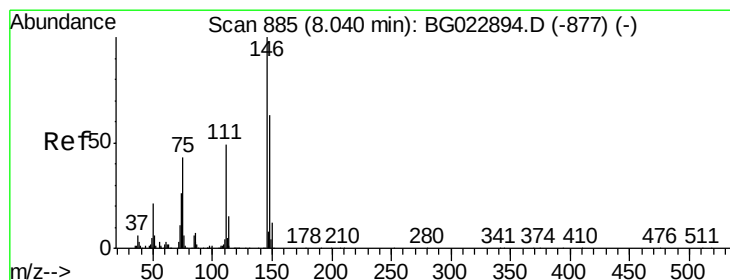
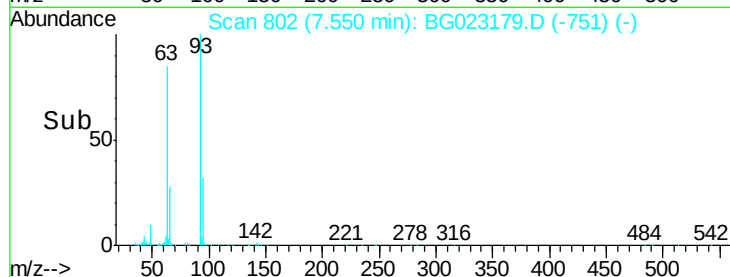
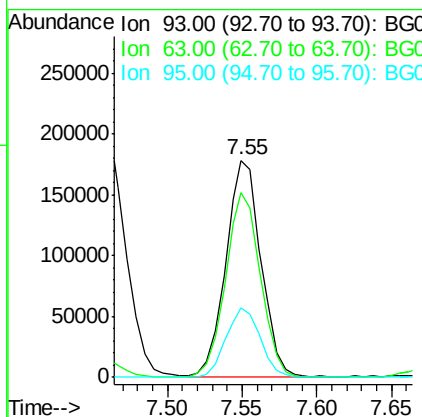
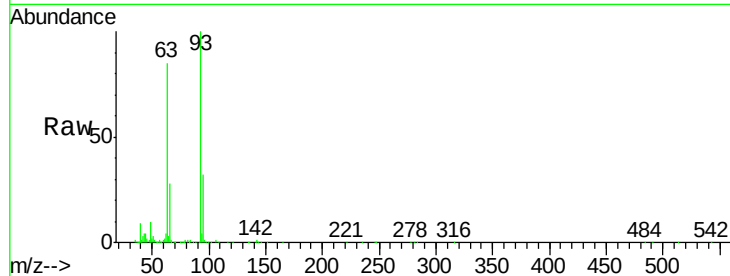




#11
bis(2-Chloroethyl)ether
Concen: 38.55 ng
RT: 7.55 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

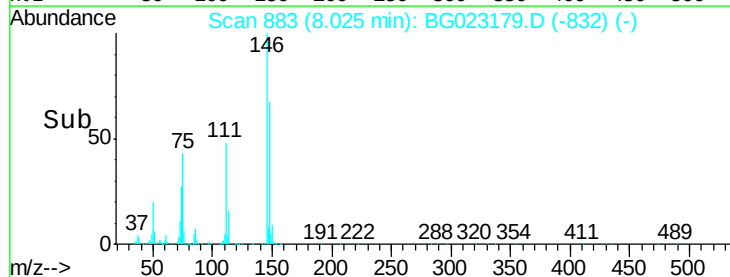
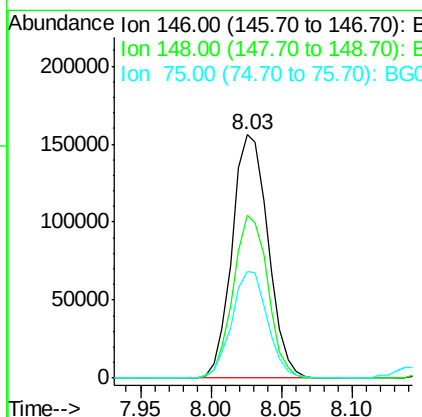
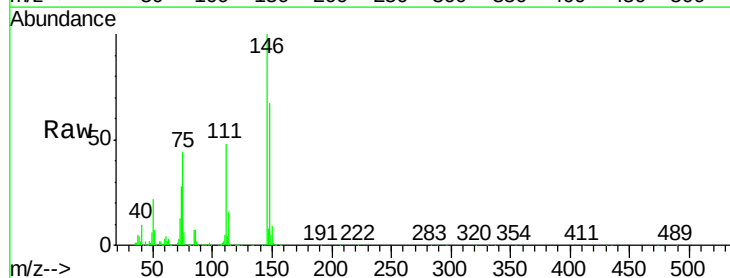
Instrument :
BNA_G
ClientSampleId :
PB92266BS

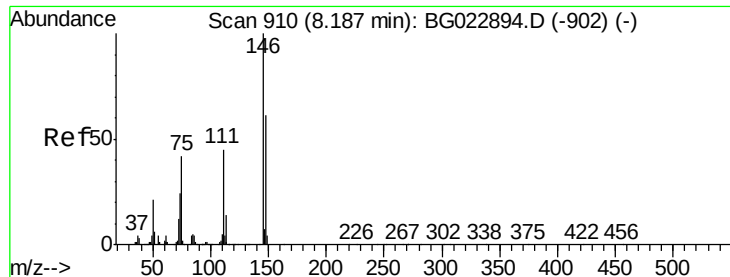
Tot Ion	93	Resp	293579
Ion	Ratio	Lower	Upper
93	100		
63	85.0	55.0	95.0
95	32.1	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 35.74 ng
RT: 8.03 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion	146	Resp	277593
Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.3	75.5
75	44.0	37.0	55.6

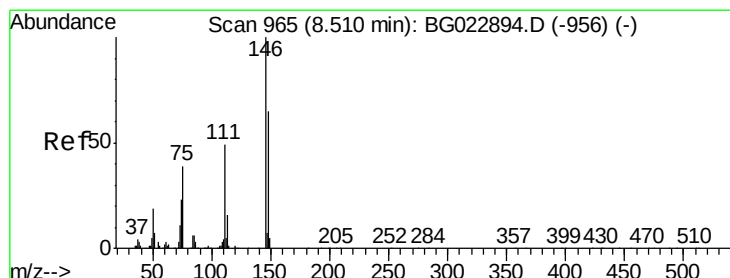
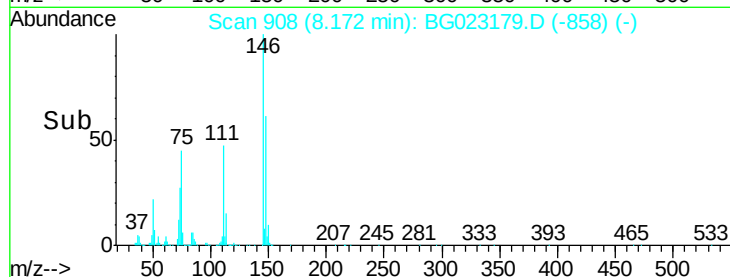
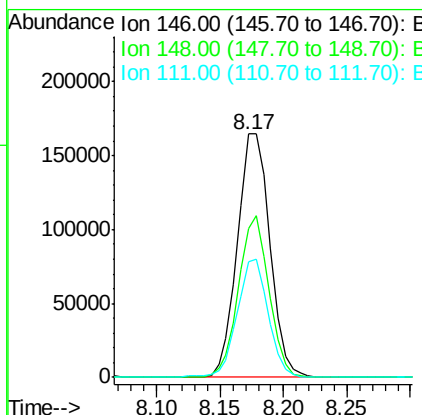
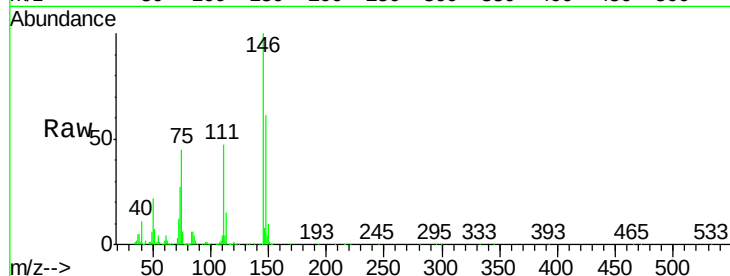




#13
 1,4-Dichlorobenzene
 Concen: 37.80 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

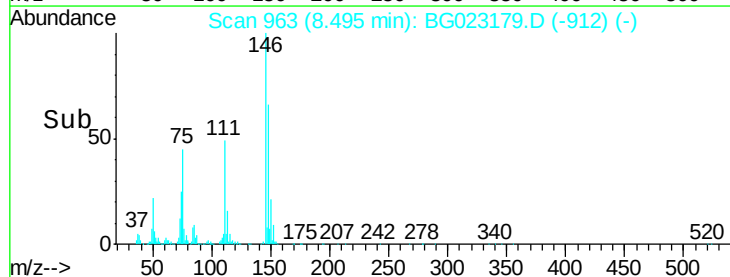
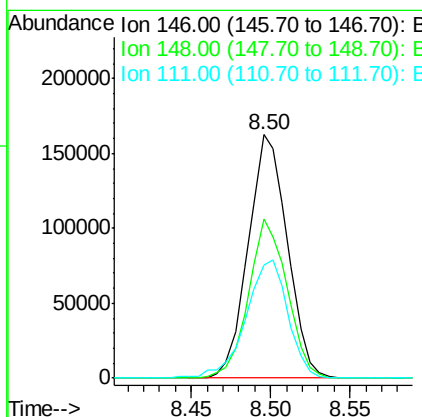
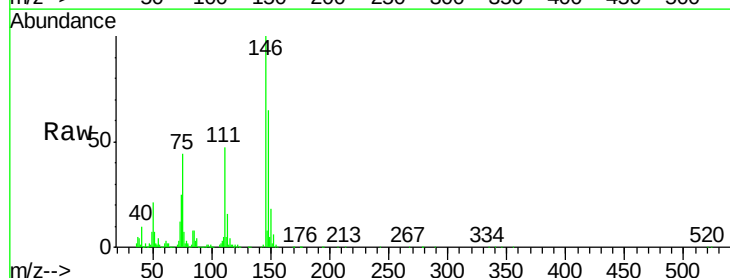
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

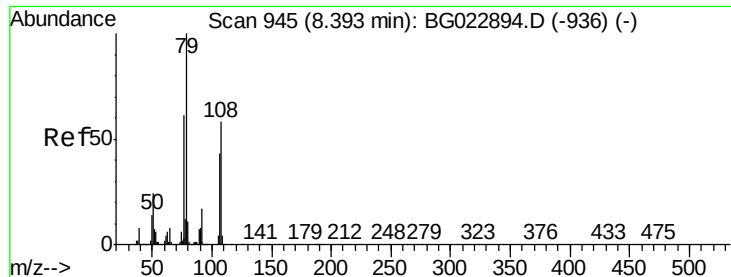
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	54.5	81.7
111	47.2	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 36.04 ng
 RT: 8.50 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.9	79.3
111	46.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 45.21 ng

RT: 8.38 min Scan# 944

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

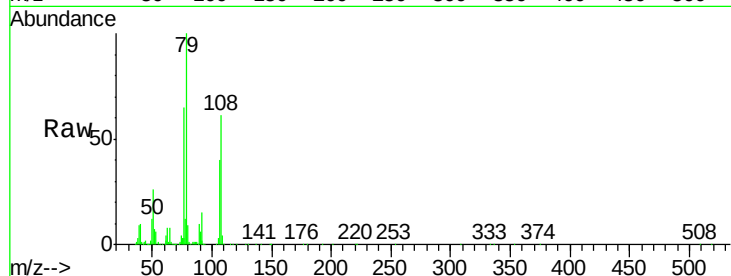
Tot Ion: 79 Resp: 386681

Ion Ratio Lower Upper

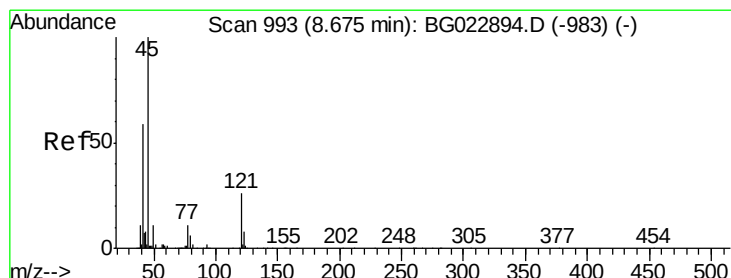
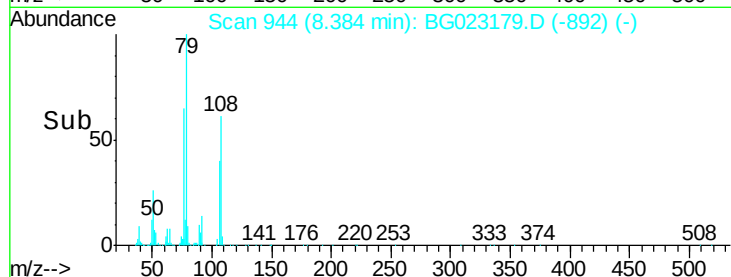
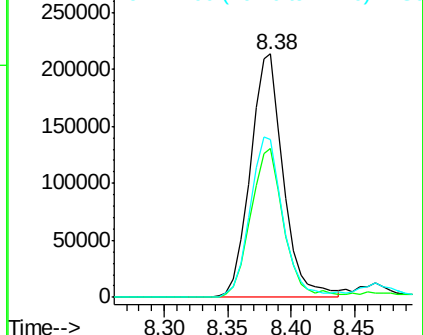
79 100

108 61.0 46.5 69.7

77 65.0 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.71 ng

RT: 8.67 min Scan# 993

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

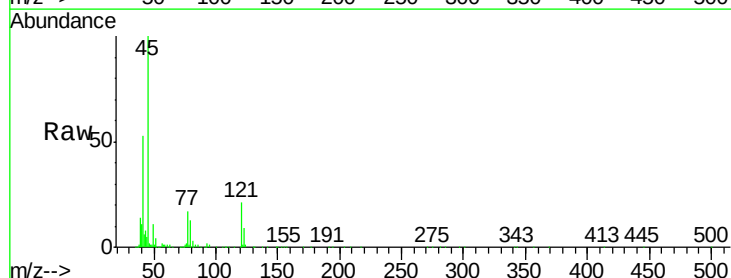
Tgt Ion: 45 Resp: 388012

Ion Ratio Lower Upper

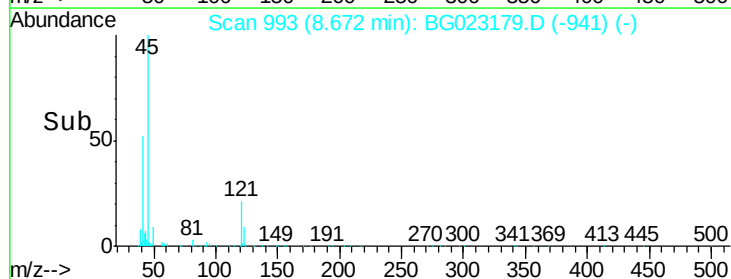
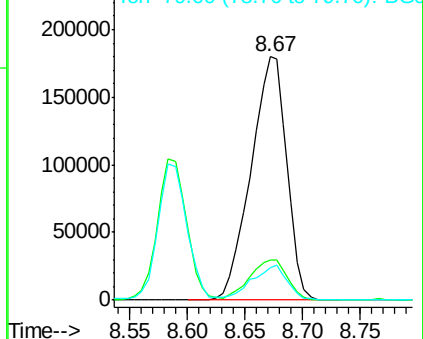
45 100

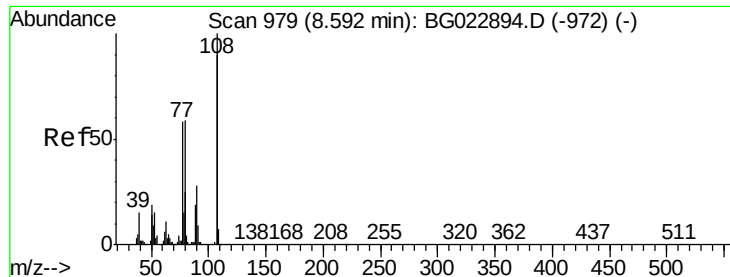
77 16.6 0.6 40.6

79 13.2 0.0 36.2



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





#17

2-Methylphenol

Concen: 46.05 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

Tot Ion:107 Resp: 287996

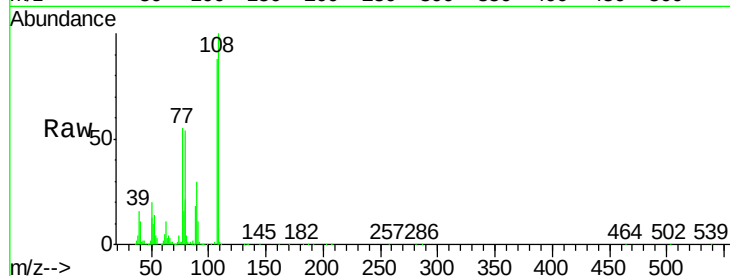
Ion Ratio Lower Upper

107 100

108 113.7 92.0 138.0

77 62.9 55.8 83.6

79 61.0 55.0 82.6

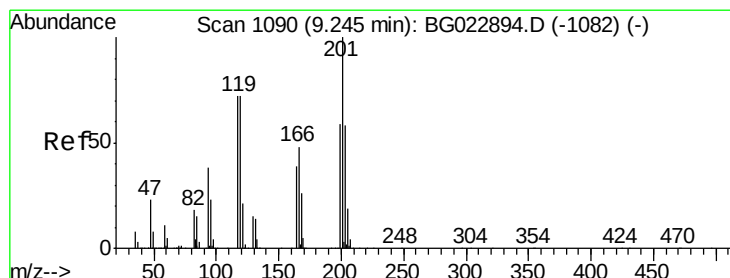
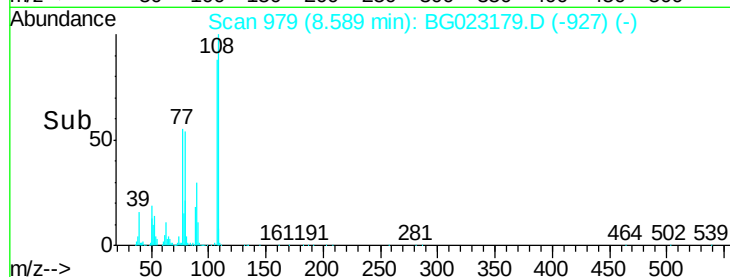
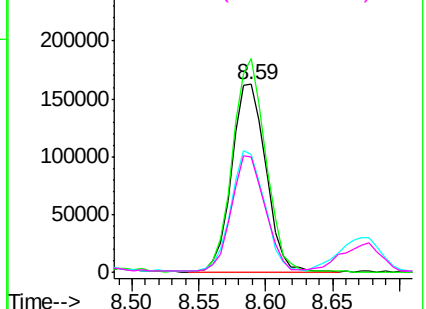


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.94 ng

RT: 9.23 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

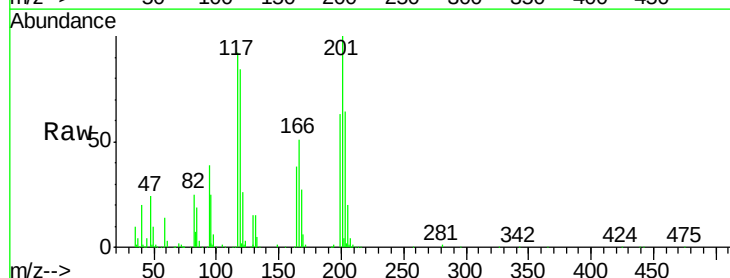
Tgt Ion:117 Resp: 121256

Ion Ratio Lower Upper

117 100

119 90.8 73.7 110.5

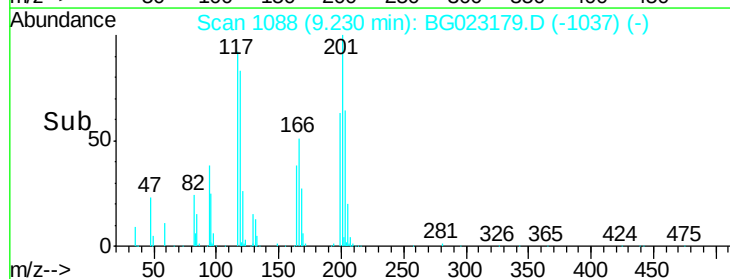
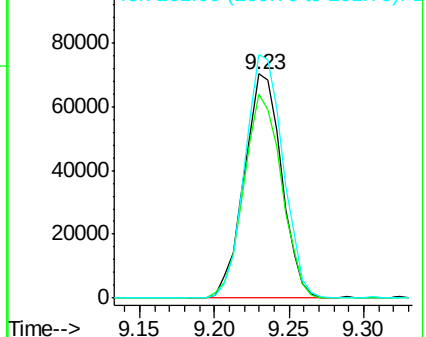
201 108.6 88.7 133.1

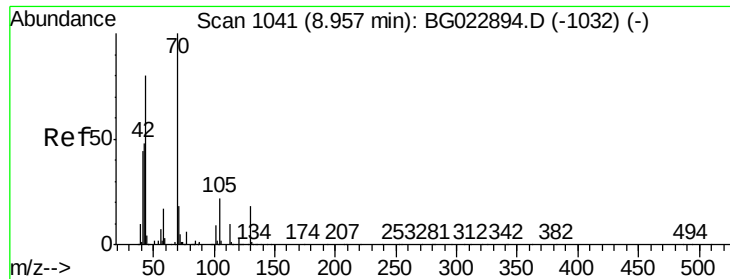


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

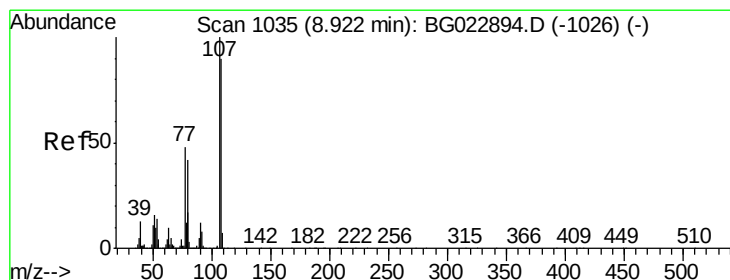
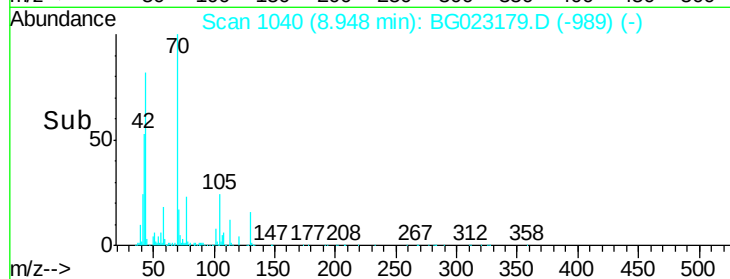
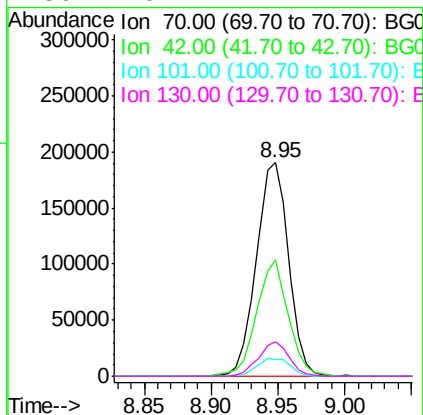
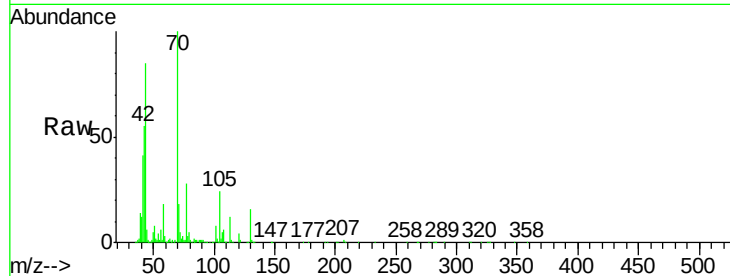




#19
n-Nitroso-di-n-propylamine
Concen: 37.66 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

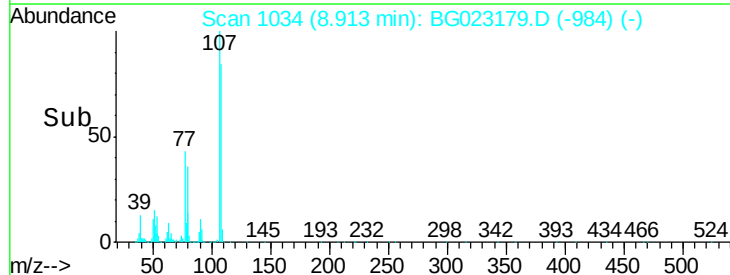
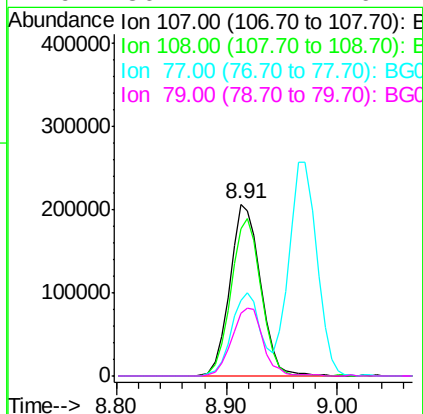
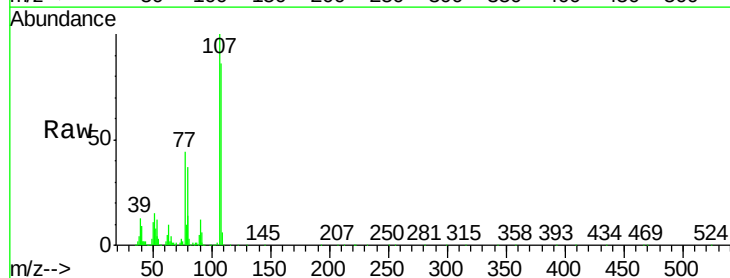
Instrument :
BNA_G
ClientSampleId :
PB92266BS

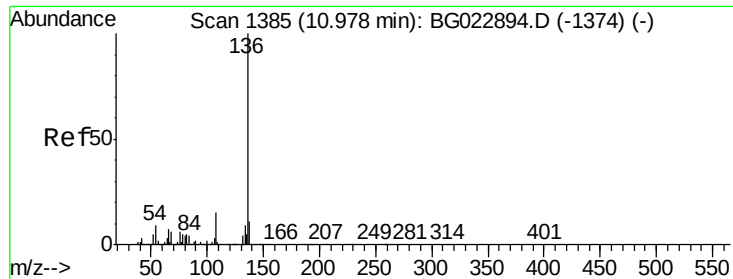
Tot Ion:	70	Resp:	317056
Ion	Ratio	Lower	Upper
70	100		
42	54.7	42.1	63.1
101	7.7	7.2	10.8
130	16.1	14.2	21.2



#20
3+4-Methylphenols
Concen: 46.07 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:	107	Resp:	401876
Ion	Ratio	Lower	Upper
107	100		
108	86.1	72.5	112.5
77	44.1	30.1	70.1
79	36.7	24.2	64.2

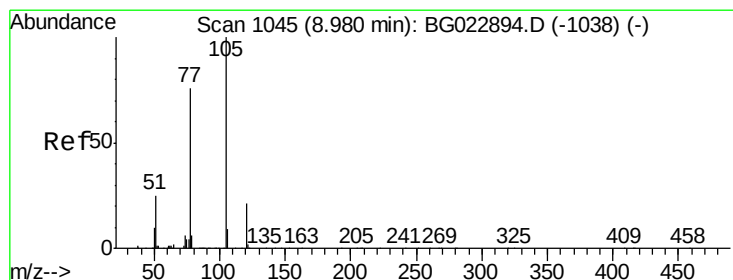
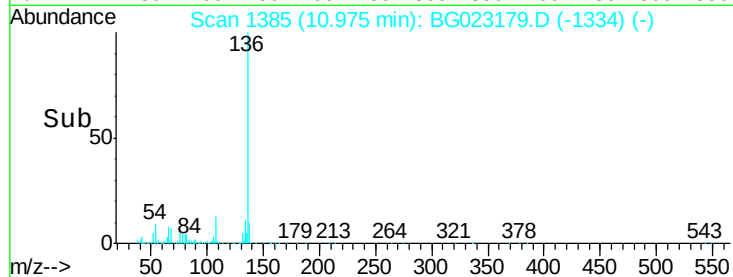
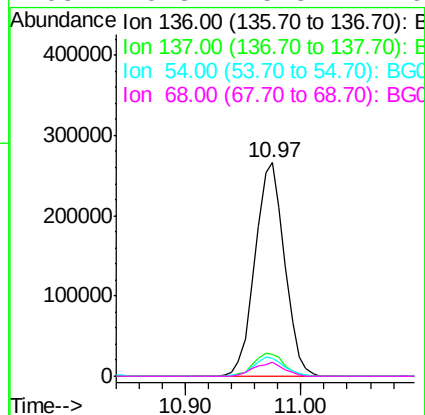
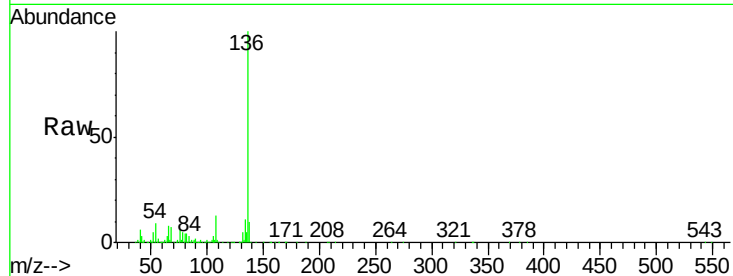




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

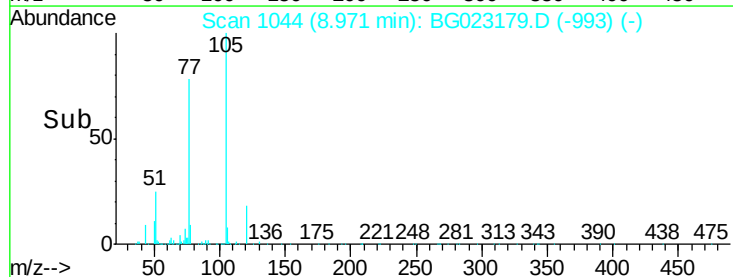
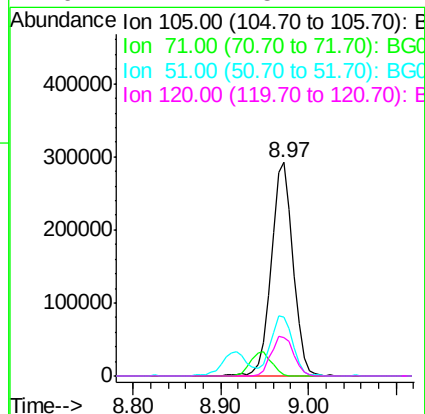
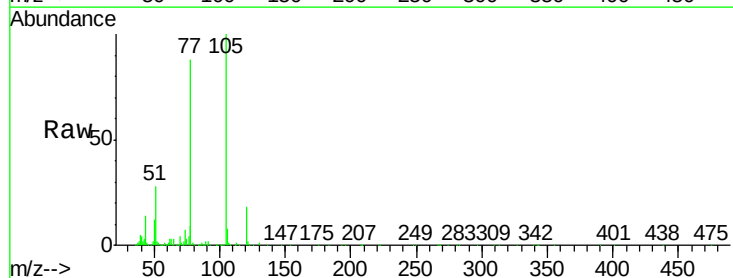
Instrument :
BNA_G
ClientSampleId :
PB92266BS

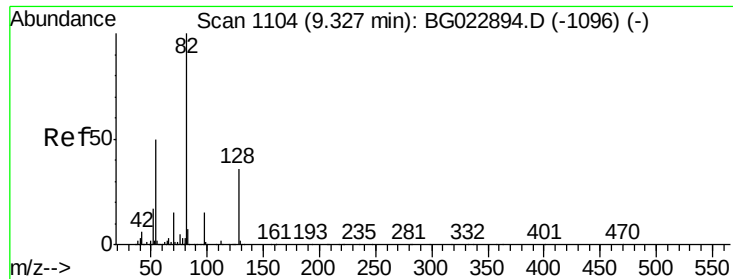
Tot Ion:136	Resp:	473363	
Ion Ratio	Lower	Upper	
136 100			
137 10.0	9.6	14.4	
54 8.7	7.3	10.9	
68 6.8	5.3	7.9	



#22
Acetophenone
Concen: 35.62 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt	Ion:105	Resp:	505971
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.6	3.8#
51	27.7	27.1	40.7
120	17.7	15.1	22.7

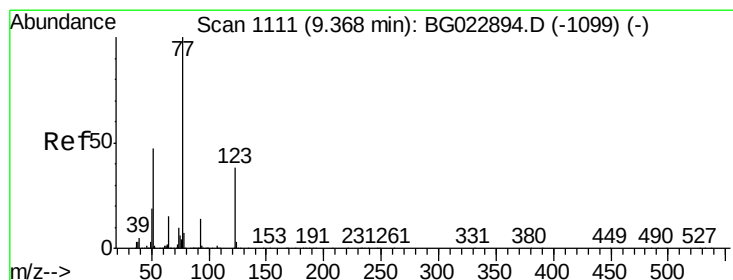
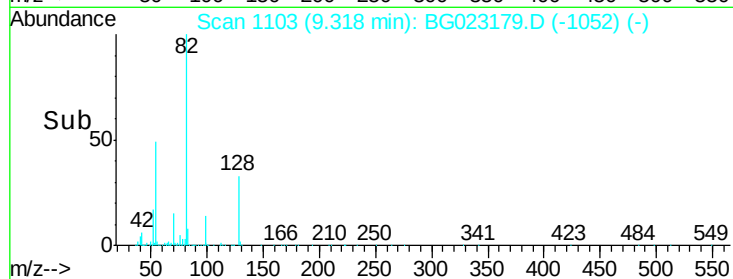
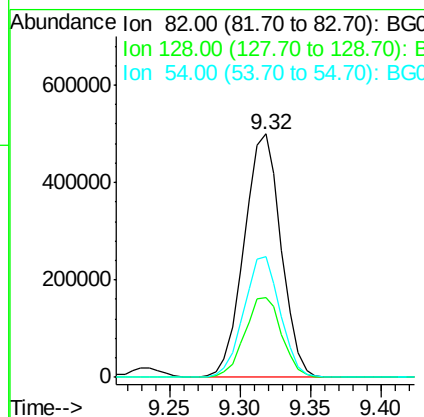
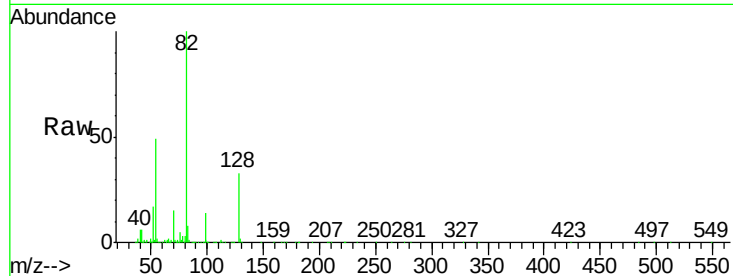




#23
 Nitrobenzene-d5
 Concen: 82.55 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

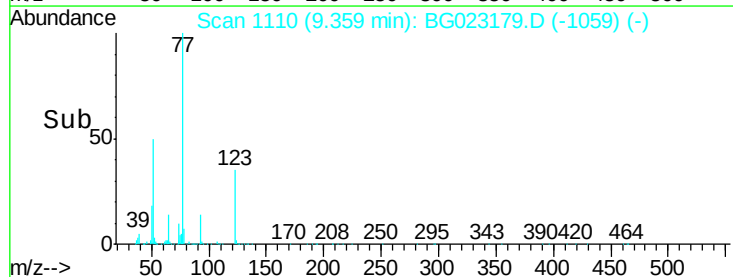
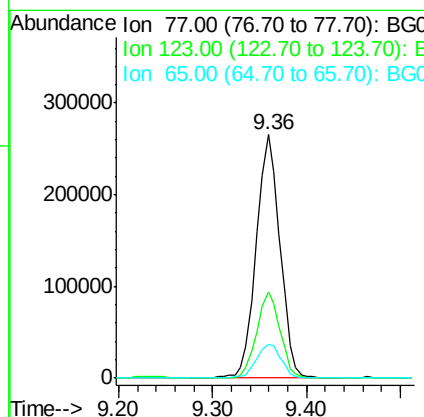
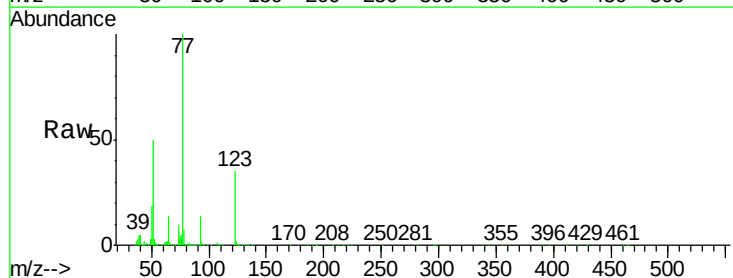
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

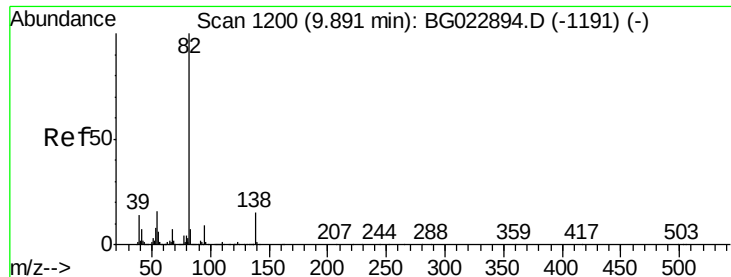
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	49.4	41.4	62.0



#24
 Nitrobenzene
 Concen: 39.56 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.2	25.0	37.6
65	14.0	13.4	20.0





#25

Isophorone

Concen: 37.11 ng

RT: 9.88 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

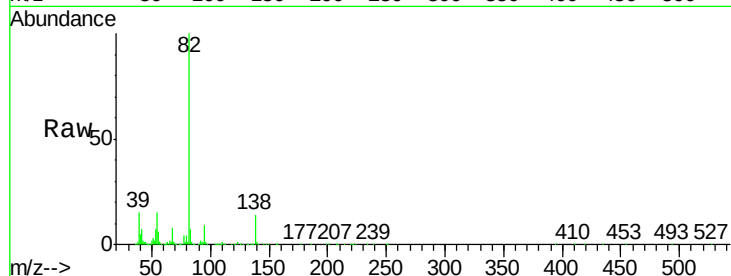
Tot Ion: 82 Resp: 825201

Ion Ratio Lower Upper

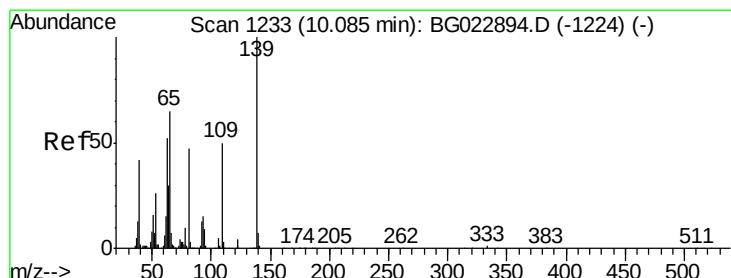
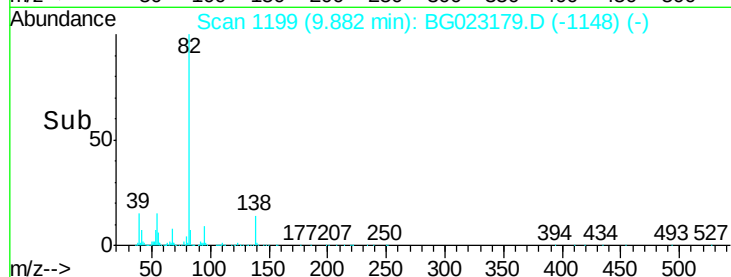
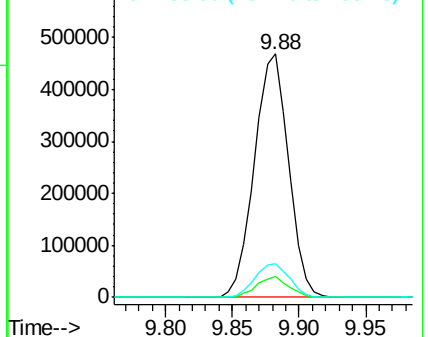
82 100

95 8.7 8.2 12.2

138 13.7 10.7 16.1



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



#26

2-Nitrophenol

Concen: 40.21 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

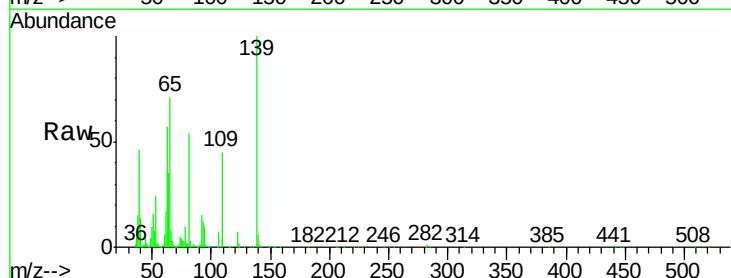
Tgt Ion: 139 Resp: 185320

Ion Ratio Lower Upper

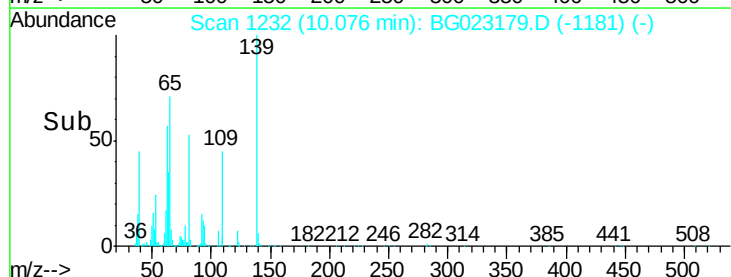
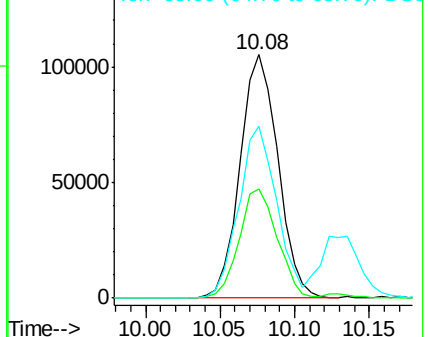
139 100

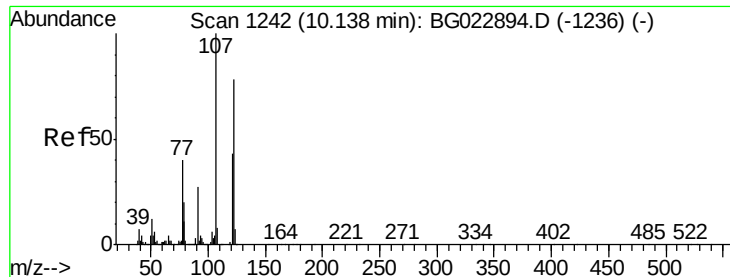
109 44.7 43.5 65.3

65 70.7 64.3 96.5



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





#27

2,4-Dimethylphenol

Concen: 40.14 ng

RT: 10.13 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

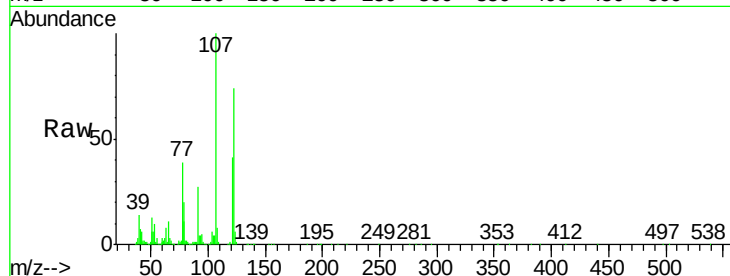
Tot Ion:122 Resp: 319835

Ion Ratio Lower Upper

122 100

107 135.3 117.0 175.4

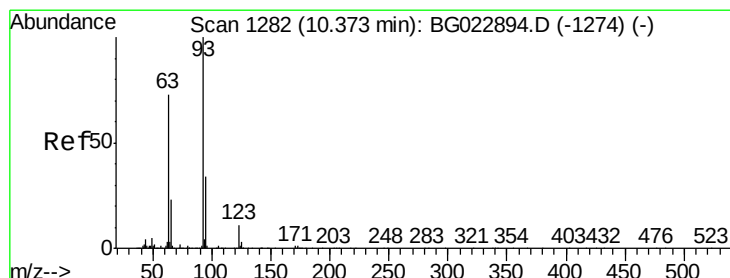
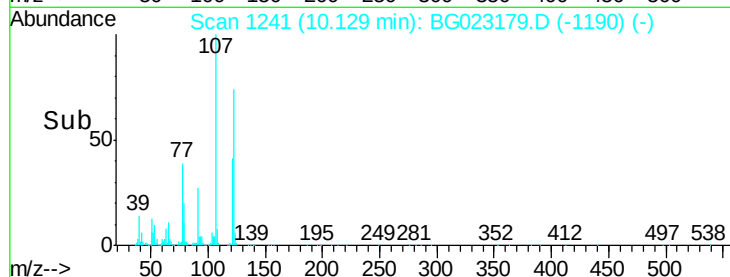
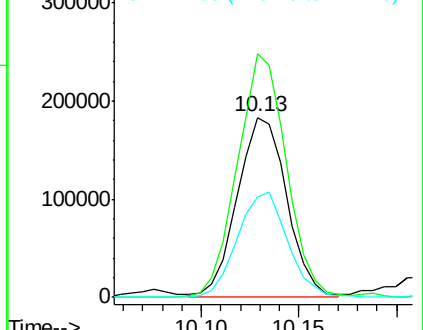
121 55.5 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.17 ng

RT: 10.36 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

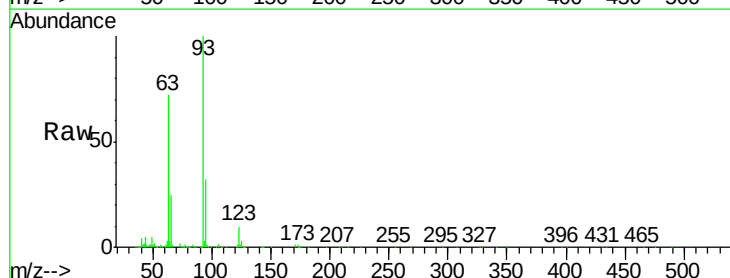
Tgt Ion: 93 Resp: 473356

Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

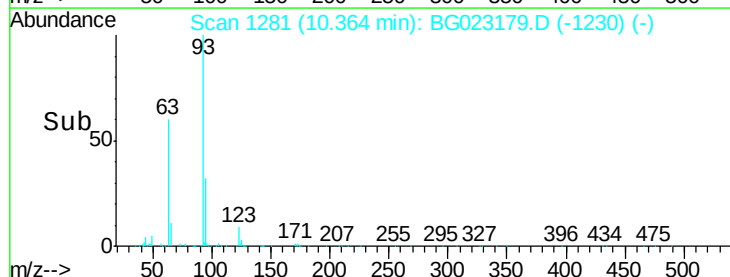
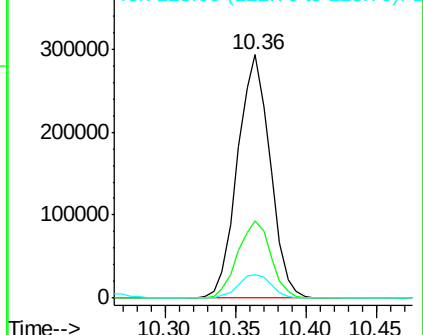
123 9.7 8.2 12.2

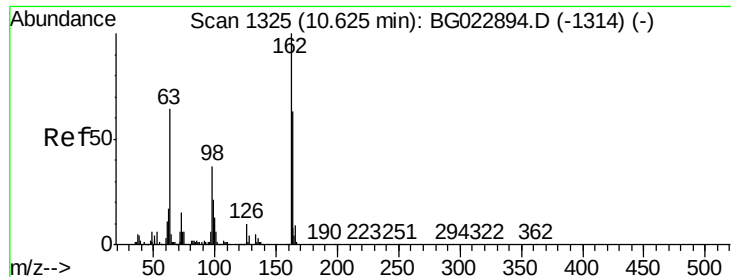


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

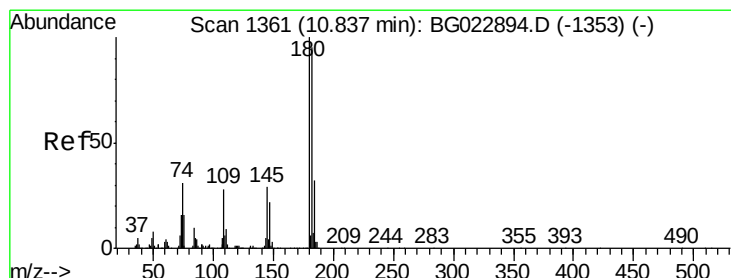
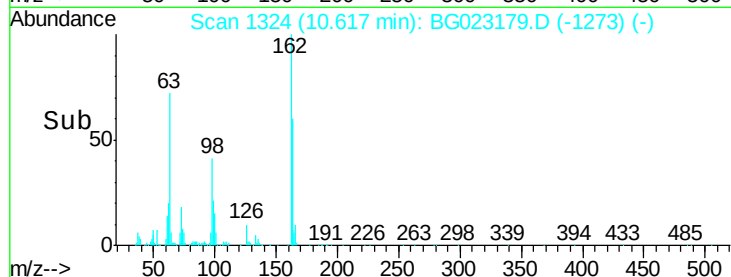
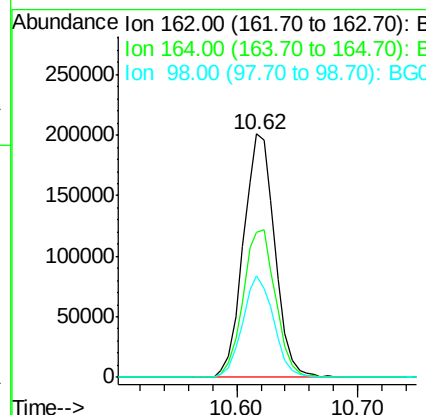
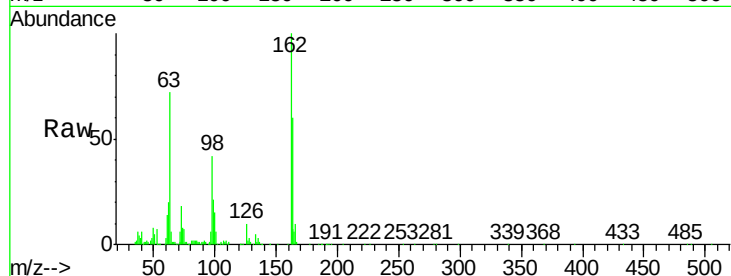




#29
 2,4-Dichlorophenol
 Concen: 42.81 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

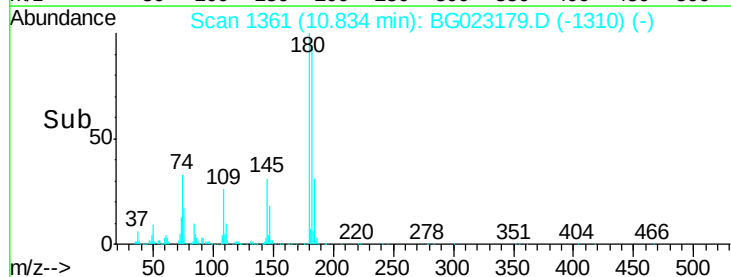
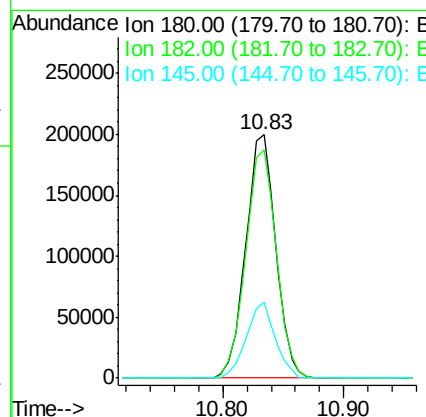
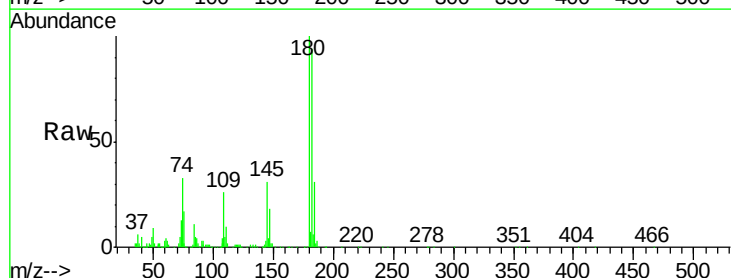
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

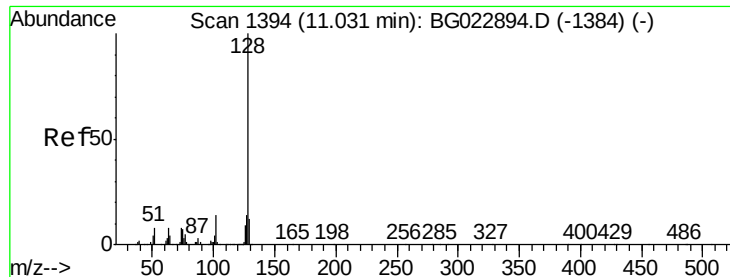
Tot Ion	Ratio	Lower	Upper
162	100		
164	59.7	44.3	84.3
98	41.5	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.59 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	73.8	110.8
145	30.9	24.4	36.6

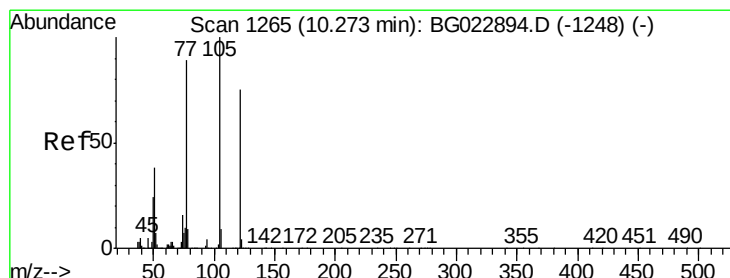
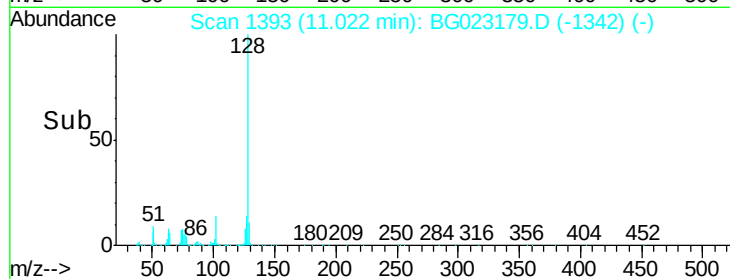
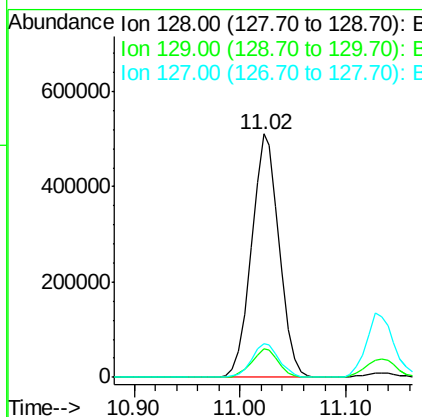
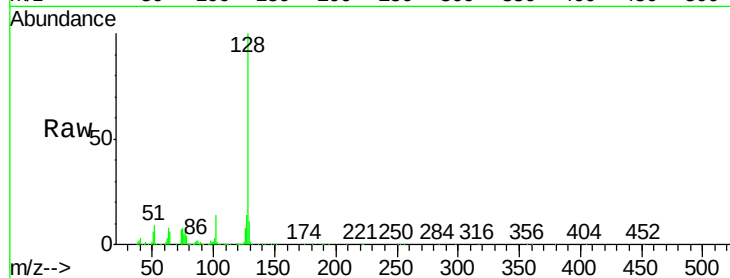




#31
Naphthalene
Concen: 38.35 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

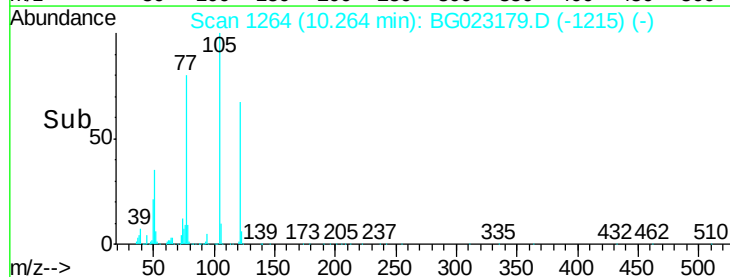
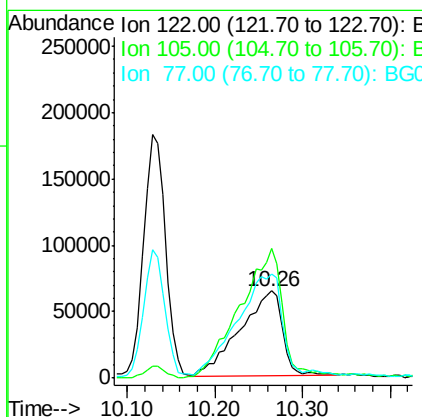
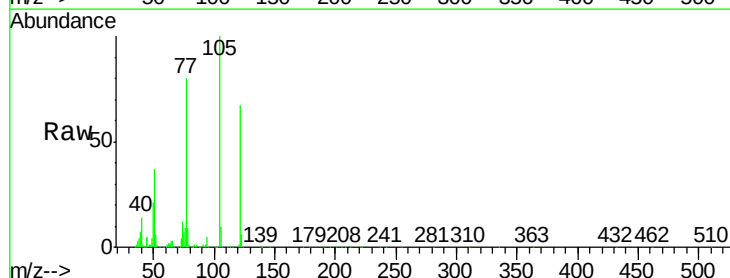
Instrument :
BNA_G
ClientSampleId :
PB92266BS

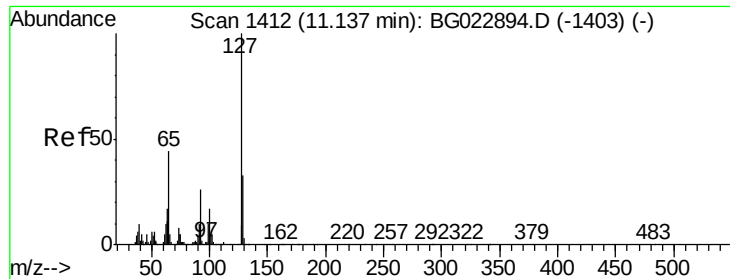
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.6	11.3	16.9



#32
Benzoic acid
Concen: 29.88 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	149.2	117.2	157.2
77	119.2	109.2	149.2

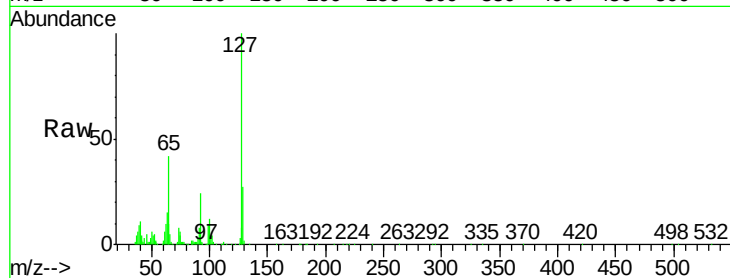




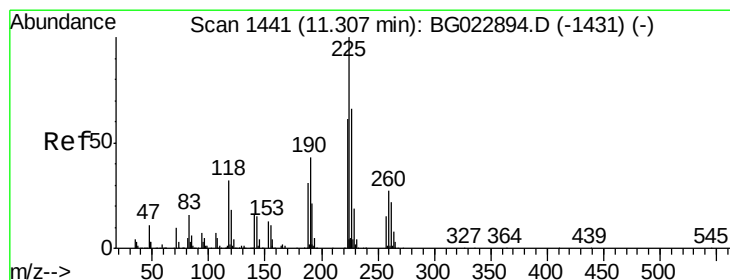
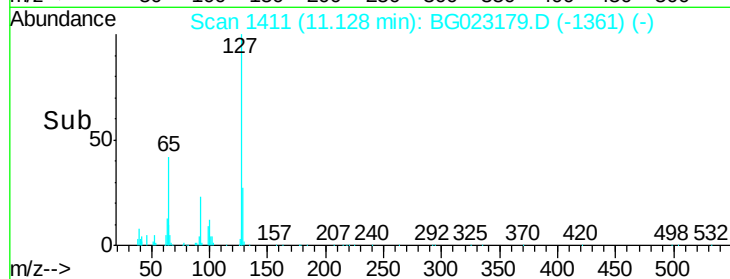
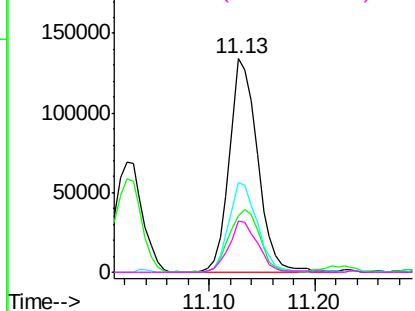
#33
4-Chloroaniline
Concen: 21.06 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Instrument :
BNA_G
ClientSampleId :
PB92266BS

Tot Ion:	127	Resp:	248189
Ion	Ratio	Lower	Upper
127	100		
129	26.6	27.9	41.9#
65	41.9	36.8	55.2
92	24.0	21.0	31.6

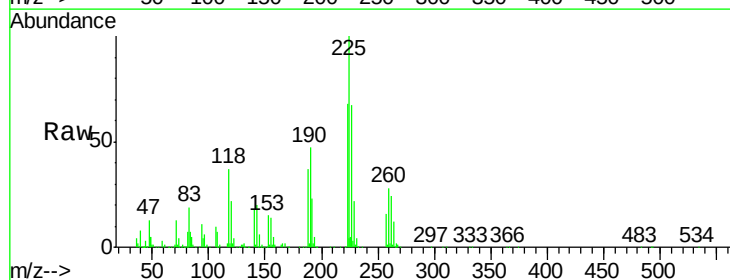


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

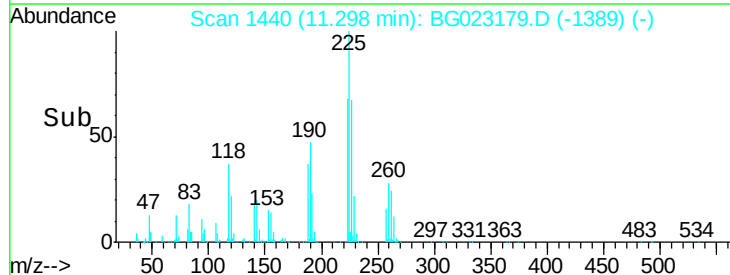
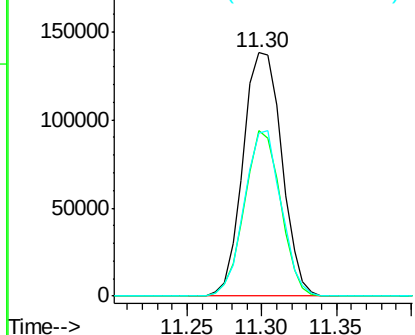


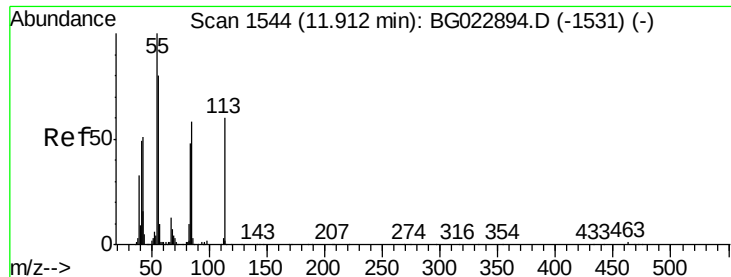
#34
Hexachlorobutadiene
Concen: 31.39 ng
RT: 11.30 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:	225	Resp:	247823
Ion	Ratio	Lower	Upper
225	100		
223	68.0	49.6	74.4
227	67.2	54.5	81.7



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





#35

Caprolactam

Concen: 37.73 ng

RT: 11.91 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

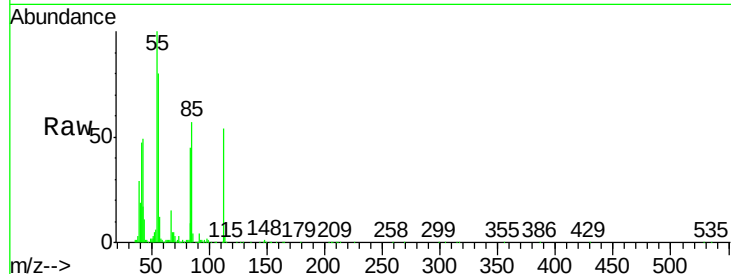
Tot Ion:113 Resp: 131895

Ion Ratio Lower Upper

113 100

55 186.2 154.5 194.5

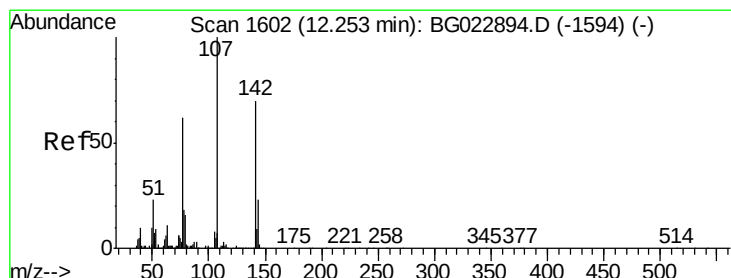
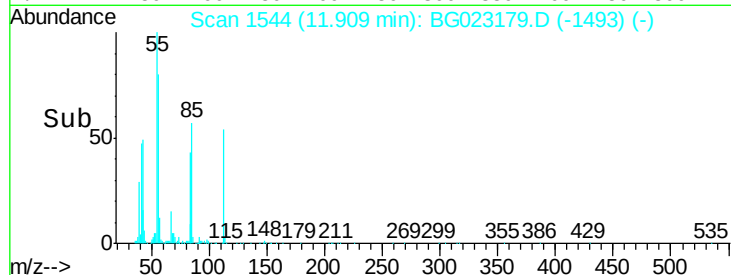
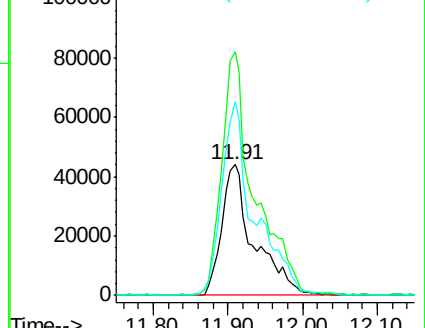
56 148.1 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.84 ng

RT: 12.26 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

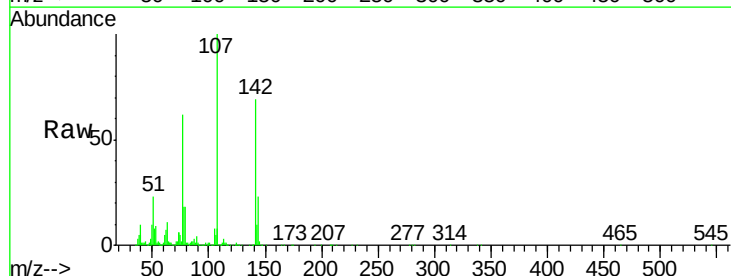
Tgt Ion:107 Resp: 463075

Ion Ratio Lower Upper

107 100

144 23.4 17.0 25.6

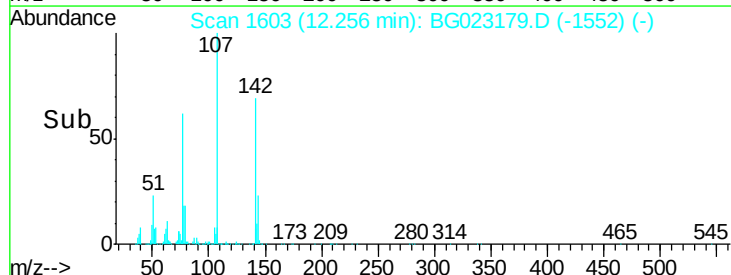
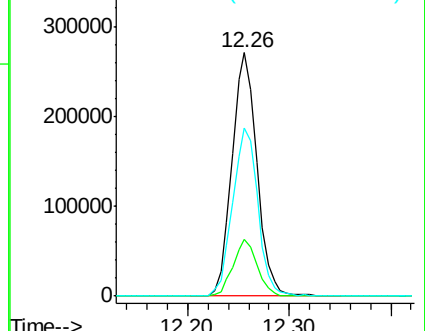
142 69.2 53.0 79.6

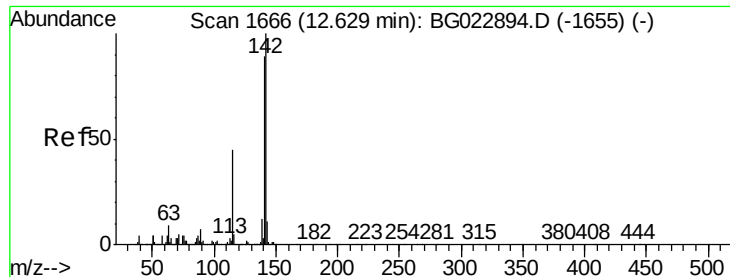


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

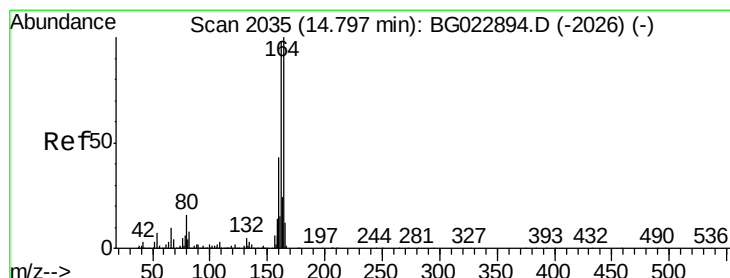
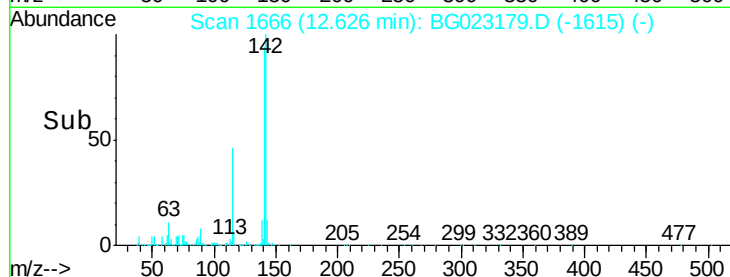
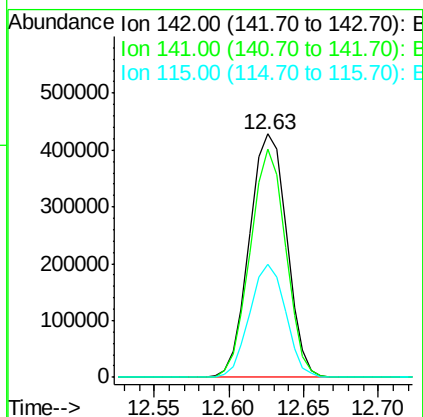
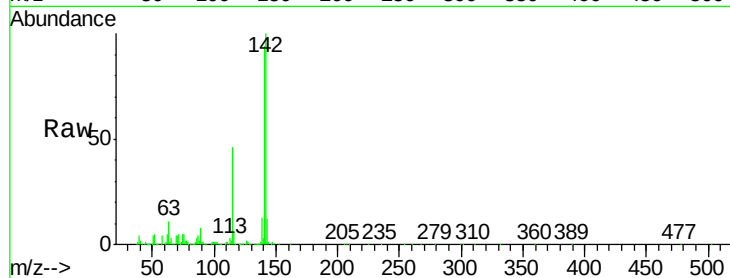




#37
2-Methylnaphthalene
Concen: 38.99 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

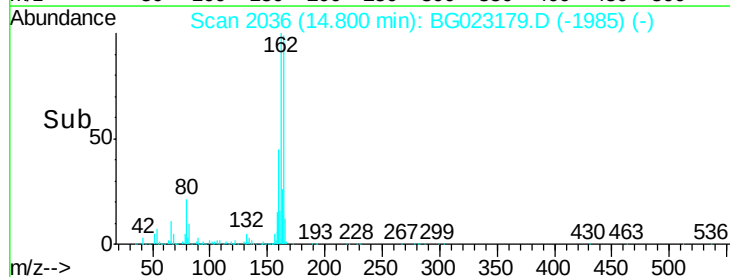
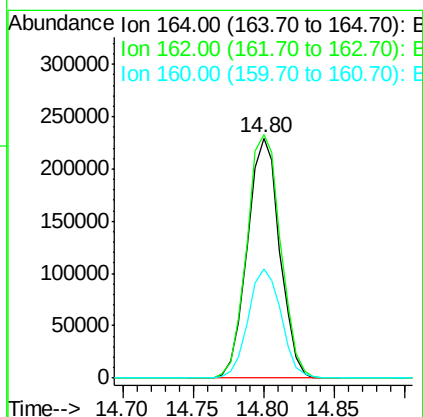
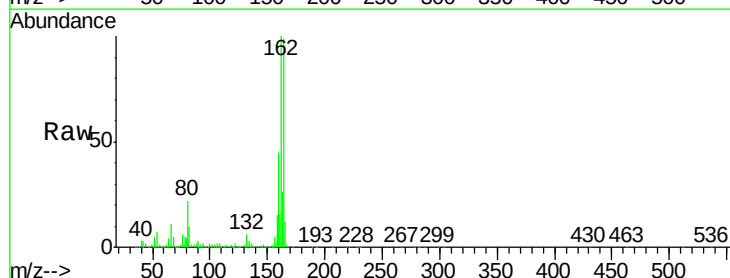
Instrument :
BNA_G
ClientSampleId :
PB92266BS

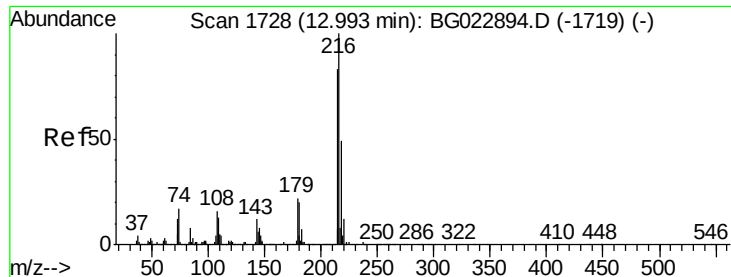
Tot Ion:142 Resp: 742633
Ion Ratio Lower Upper
142 100
141 93.7 70.2 105.2
115 46.4 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:164 Resp: 369380
Ion Ratio Lower Upper
164 100
162 101.5 87.7 131.5
160 45.6 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.60 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

Tot Ion:216 Resp: 455272

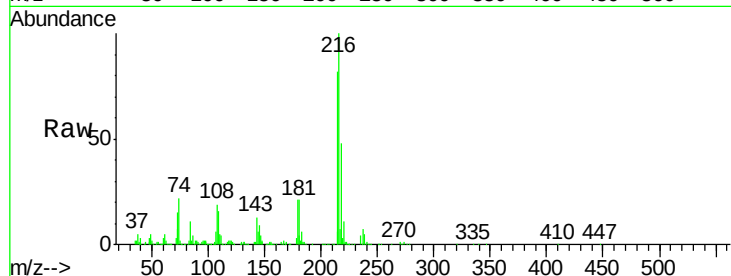
Ion Ratio Lower Upper

216 100

214 79.5 62.9 94.3

179 21.7 17.2 25.8

108 20.6 16.3 24.5

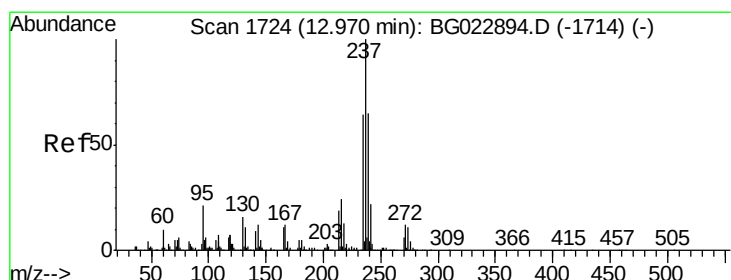
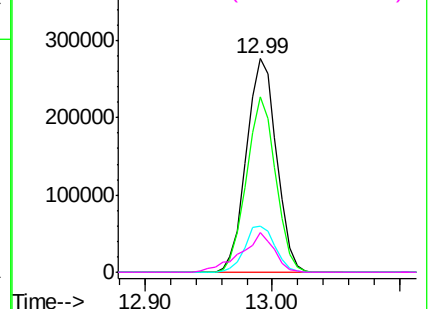
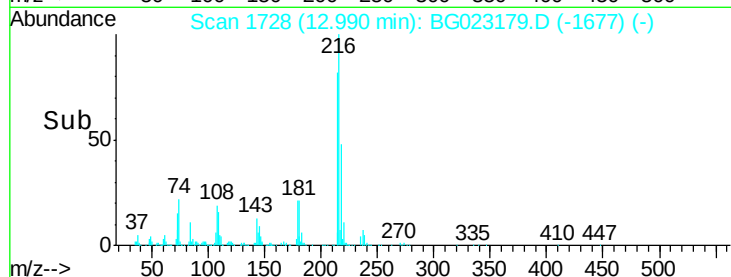


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 55.82 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

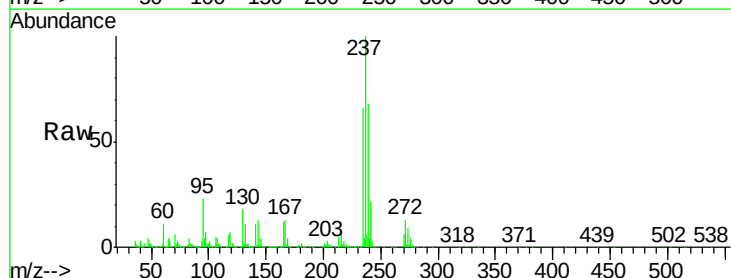
Tgt Ion:237 Resp: 511519

Ion Ratio Lower Upper

237 100

235 65.8 43.1 83.1

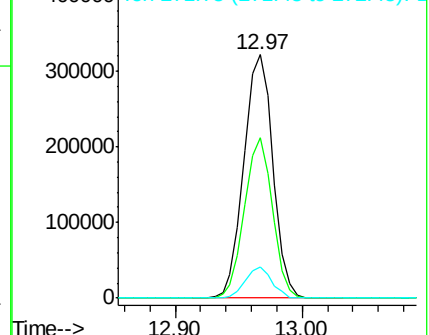
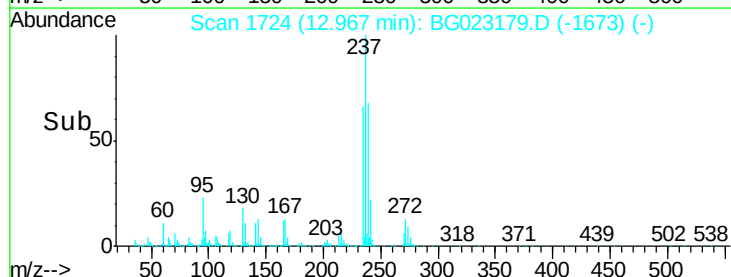
272 12.7 0.0 30.9

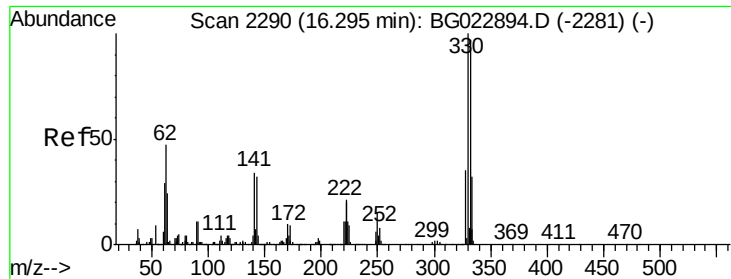


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

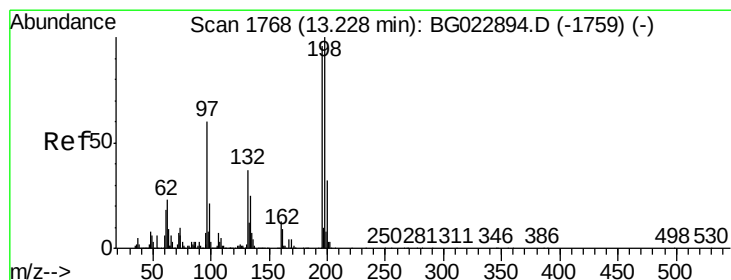
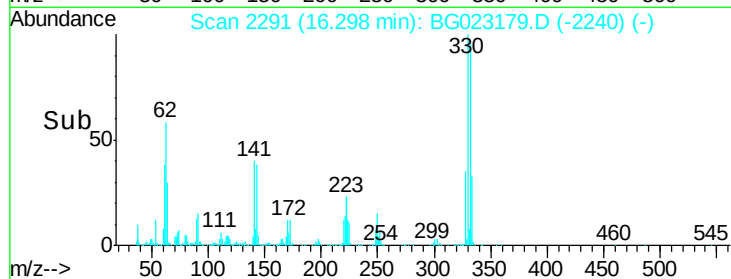
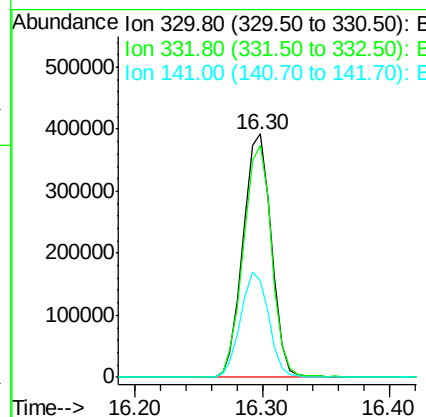
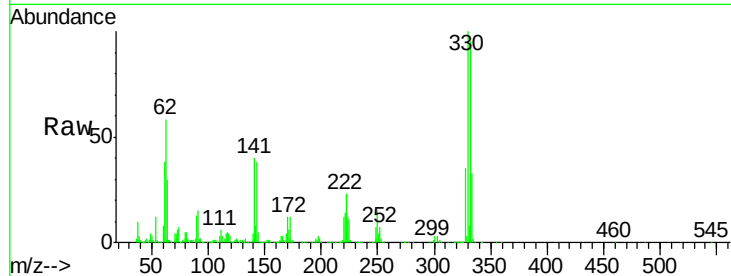




#41
 2,4,6-Tribromophenol
 Concen: 91.75 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

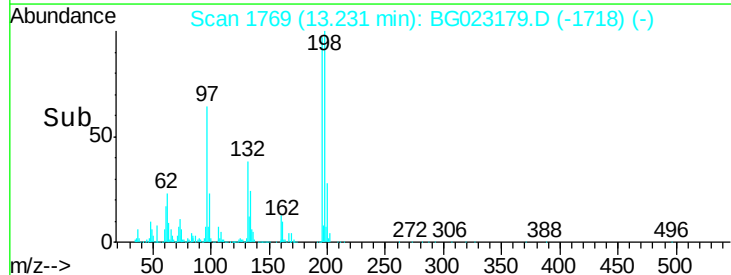
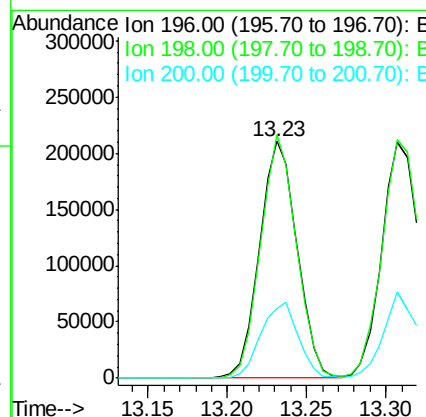
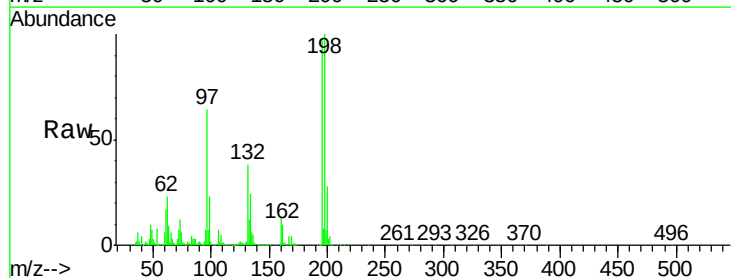
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

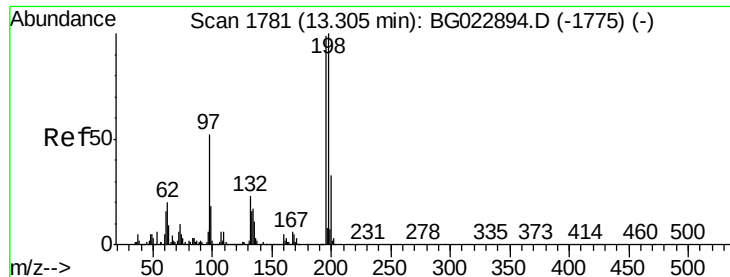
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	42.7	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 37.78 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.8	78.2	117.2
200	29.1	27.0	40.4

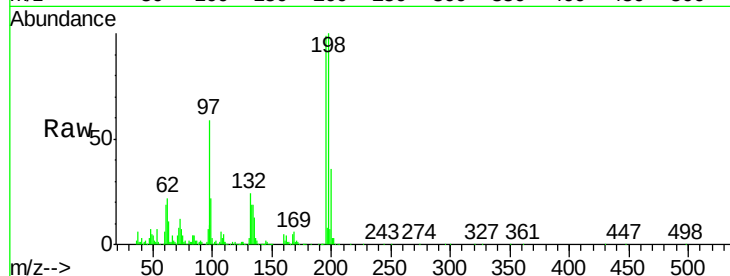




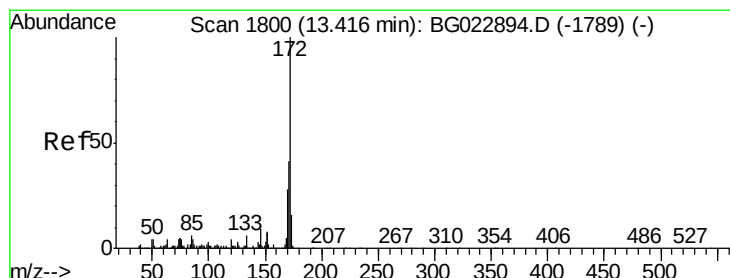
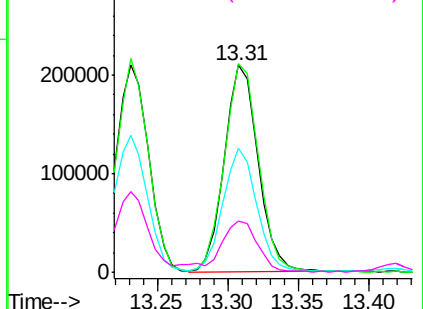
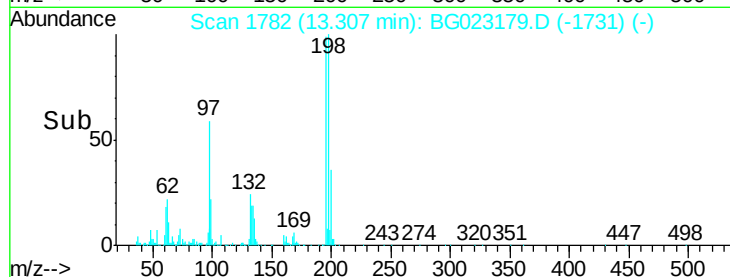
#43
2,4,5-Trichlorophenol
Concen: 37.02 ng
RT: 13.31 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Instrument :
BNA_G
ClientSampleId :
PB92266BS

Tot Ion:196 Resp: 347781
Ion Ratio Lower Upper
196 100
198 100.8 85.7 128.5
97 60.0 45.5 68.3
132 24.6 18.9 28.3

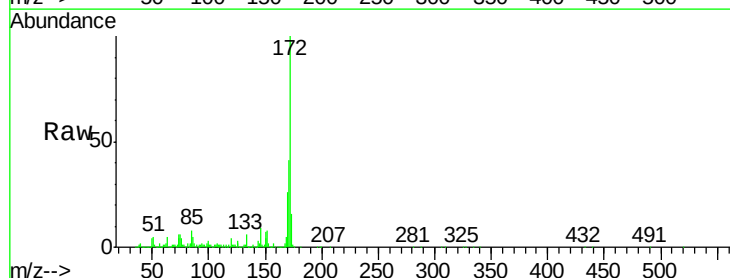


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

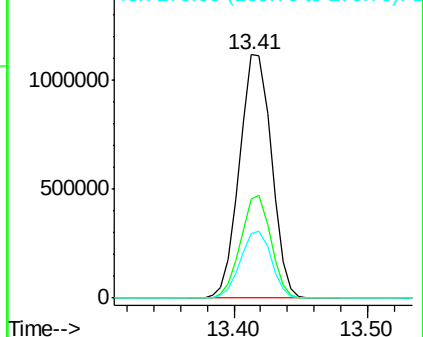
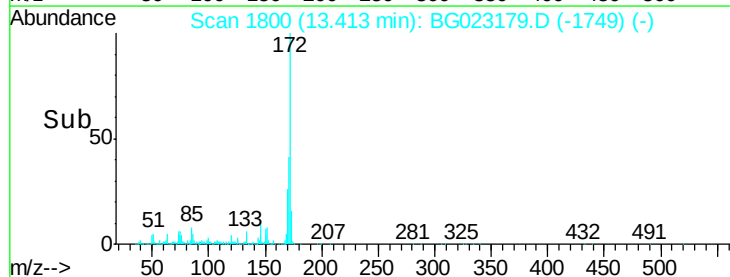


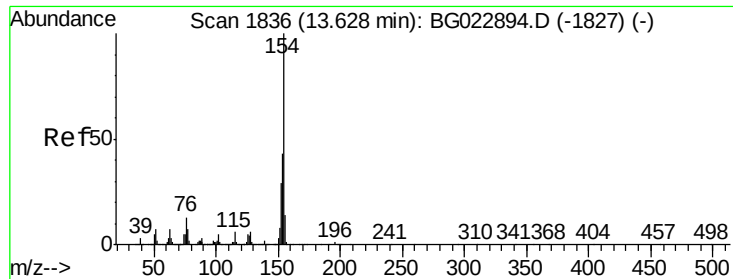
#44
2-Fluorobiphenyl
Concen: 78.86 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:172 Resp: 1849259
Ion Ratio Lower Upper
172 100
171 40.9 31.6 47.4
170 26.3 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

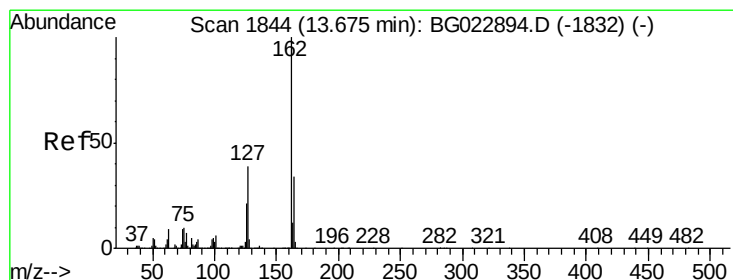
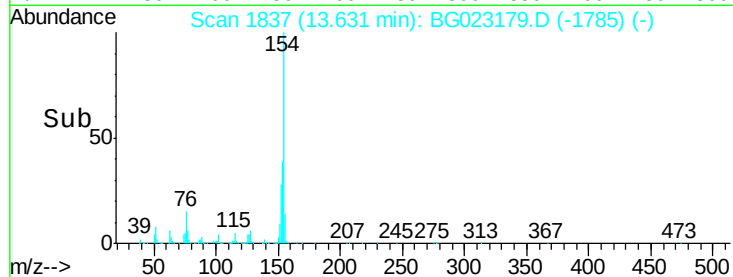
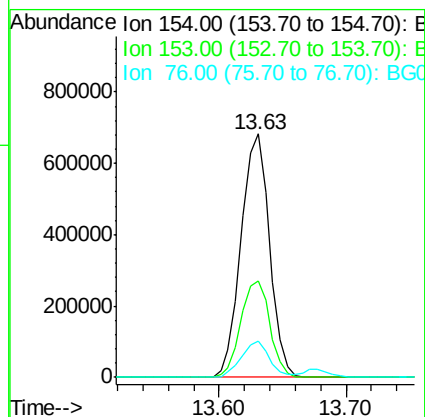
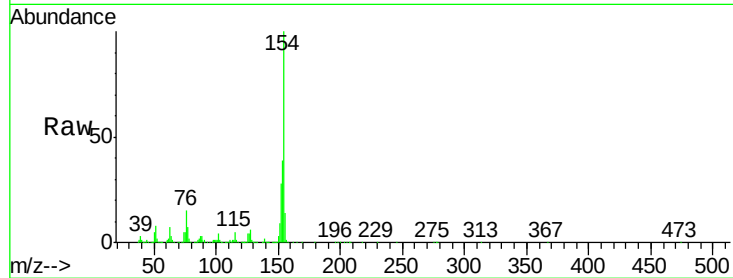




#45
 1,1'-Biphenyl
 Concen: 38.21 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

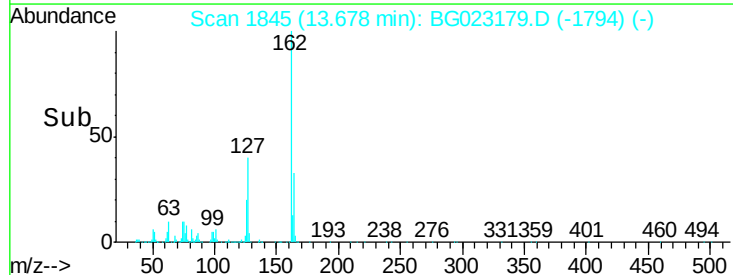
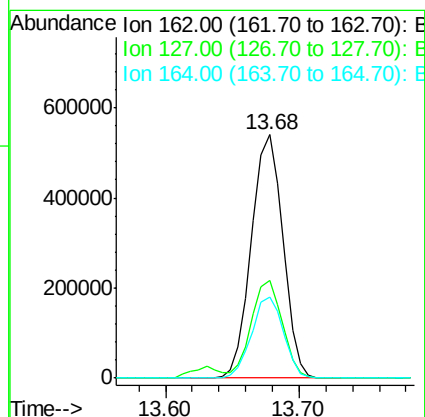
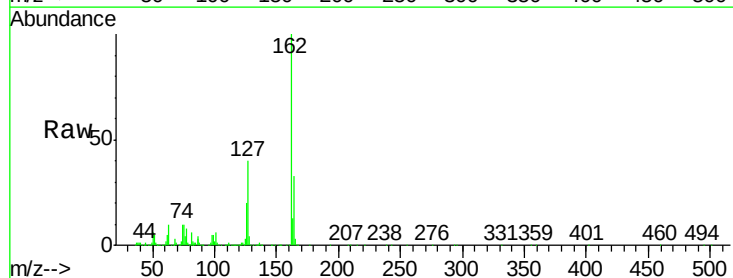
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

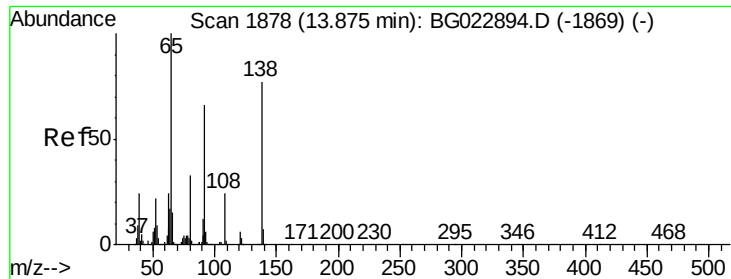
Tot Ion:154 Resp: 1059095
 Ion Ratio Lower Upper
 154 100
 153 39.3 20.2 60.2
 76 14.8 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 39.16 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion:162 Resp: 880352
 Ion Ratio Lower Upper
 162 100
 127 39.9 32.4 48.6
 164 33.4 25.2 37.8





#47

2-Nitroaniline

Concen: 40.51 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

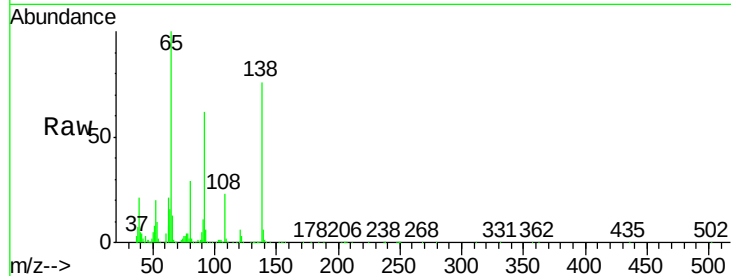
Tot Ion: 65 Resp: 388588

Ion Ratio Lower Upper

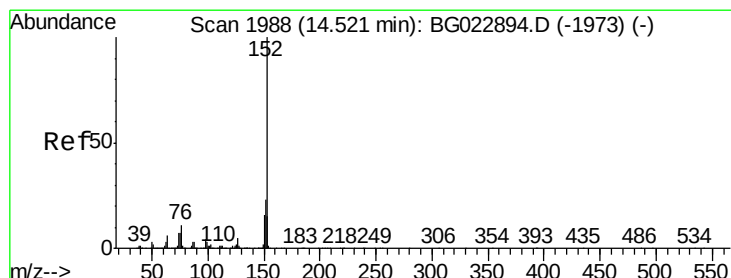
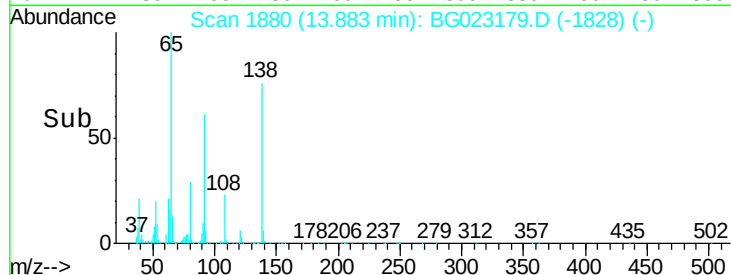
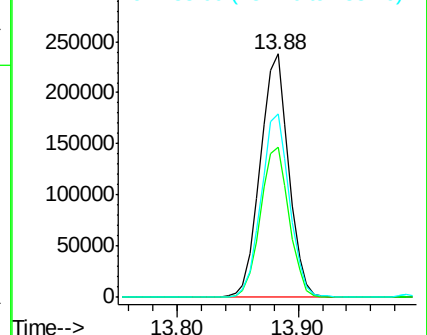
65 100

92 61.5 49.4 74.0

138 75.6 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 39.30 ng

RT: 14.52 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

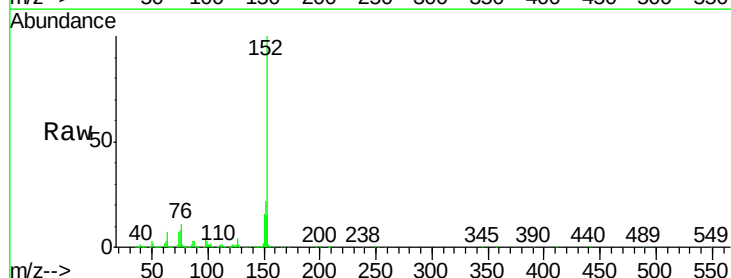
Tgt Ion: 152 Resp: 1325499

Ion Ratio Lower Upper

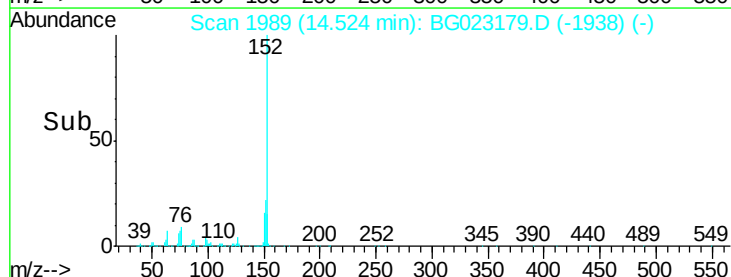
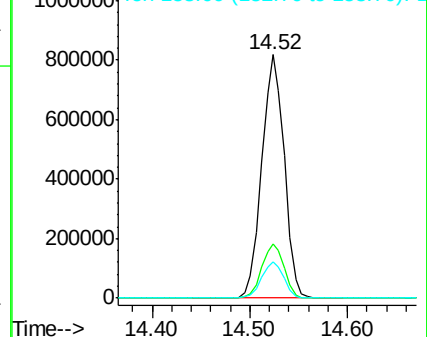
152 100

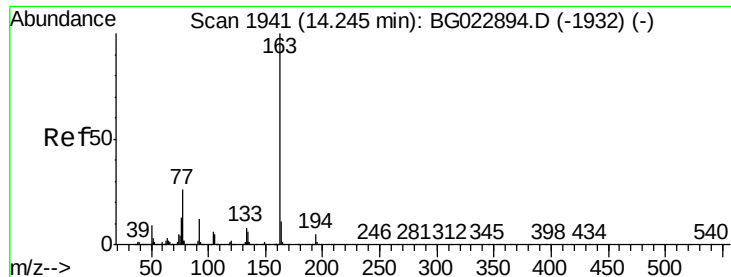
151 22.3 17.6 26.4

153 15.1 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

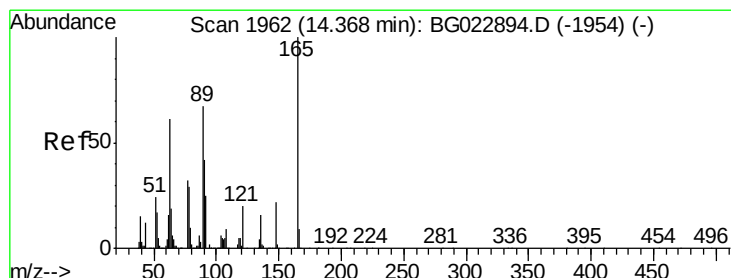
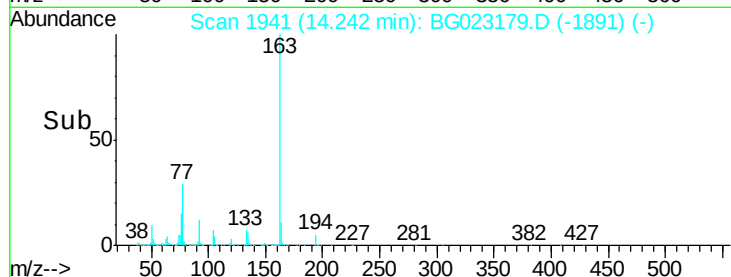
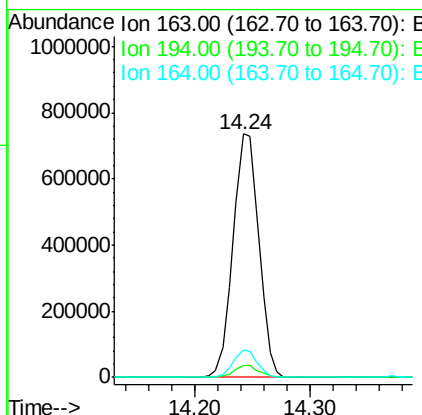
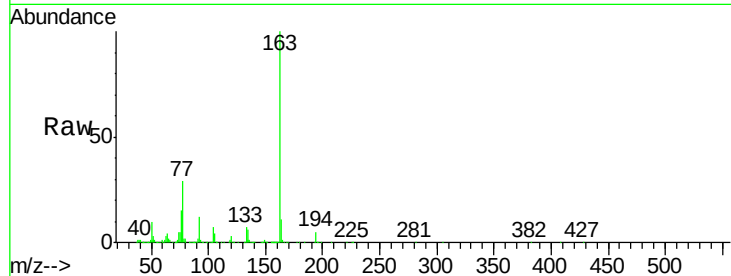




#49
Dimethylphthalate
Concen: 37.70 ng
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

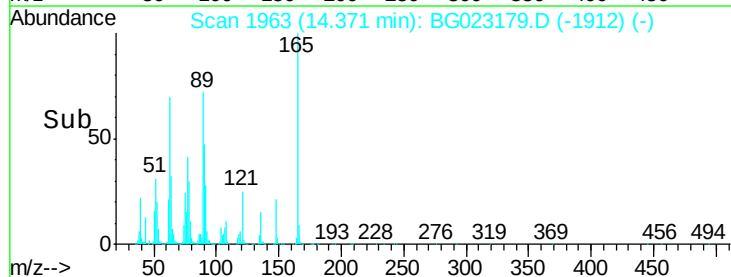
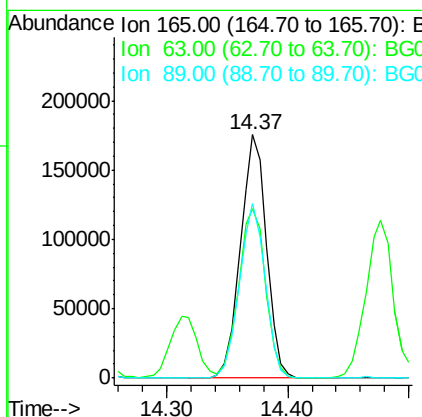
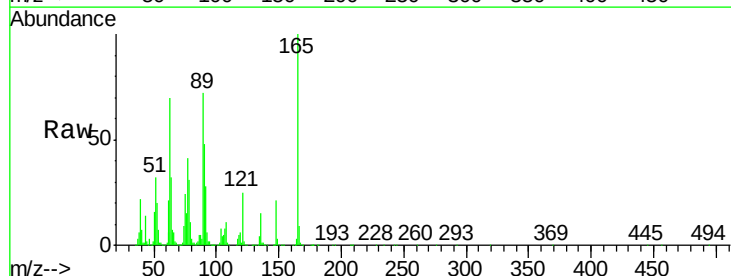
Instrument :
BNA_G
ClientSampleId :
PB92266BS

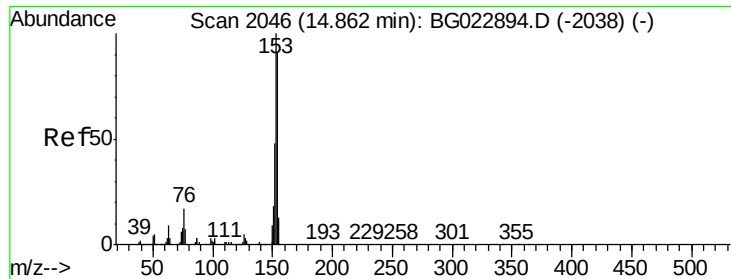
Tot Ion:163 Resp: 1137497
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 11.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 38.86 ng
RT: 14.37 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:165 Resp: 263541
Ion Ratio Lower Upper
165 100
63 69.6 64.3 96.5
89 71.6 64.3 96.5





#51

Acenaphthene

Concen: 39.31 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

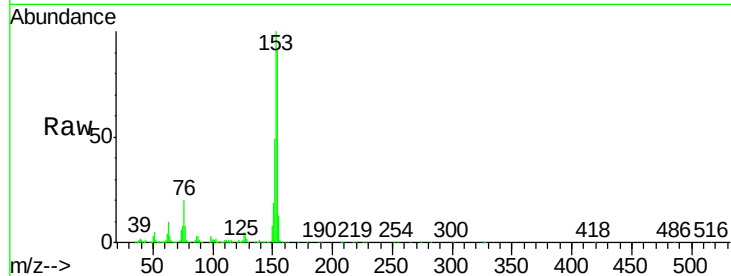
Tot Ion:154 Resp: 866344

Ion Ratio Lower Upper

154 100

153 109.5 87.5 131.3

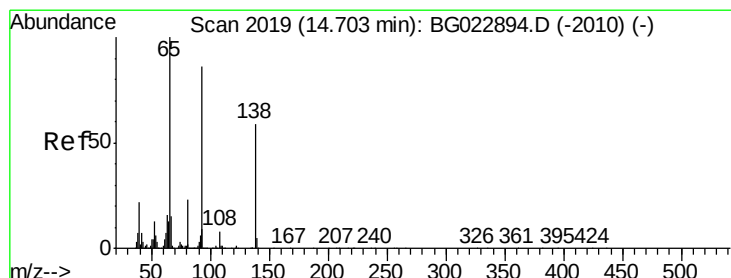
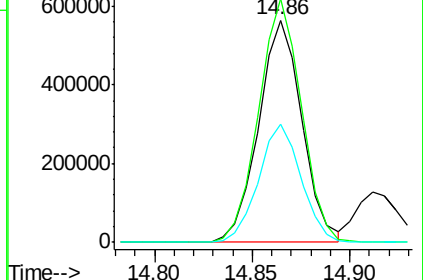
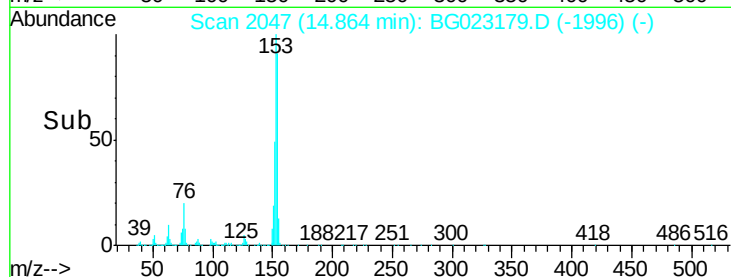
152 53.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.91 ng

RT: 14.71 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

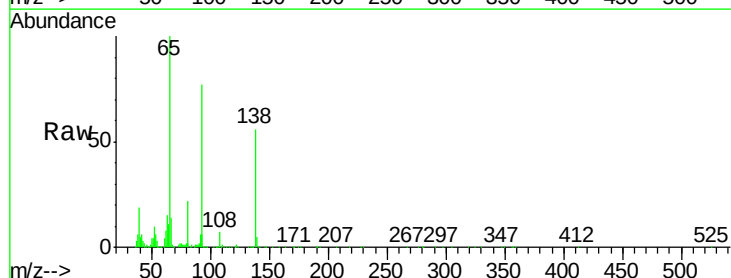
Tgt Ion:138 Resp: 208988

Ion Ratio Lower Upper

138 100

108 11.9 11.7 17.5

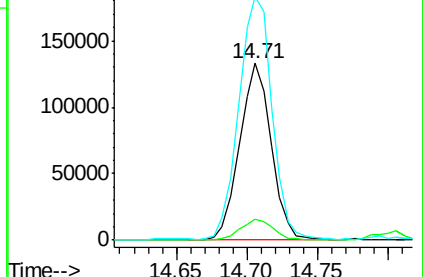
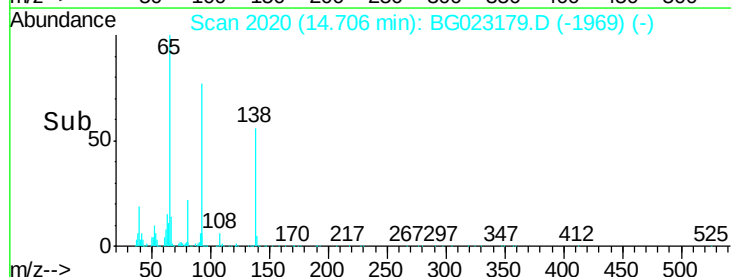
92 137.6 129.7 194.5

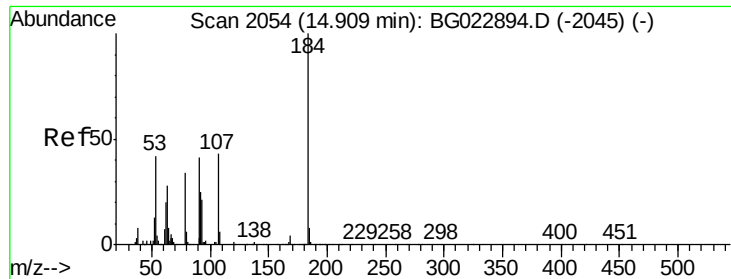


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 59.23 ng

RT: 14.91 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

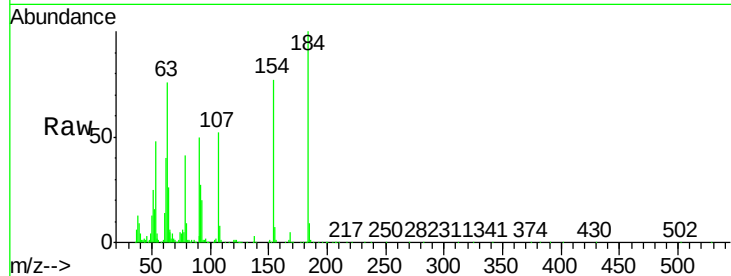
Tot Ion:184 Resp: 275590

Ion Ratio Lower Upper

184 100

63 75.7 59.6 89.4

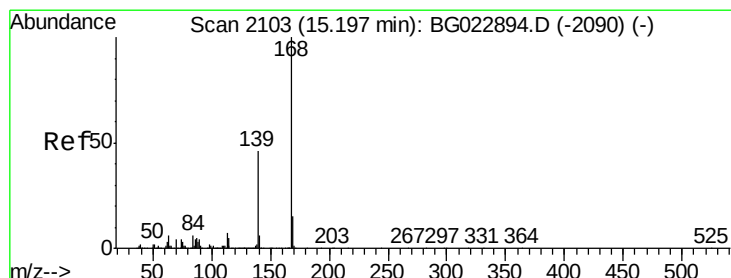
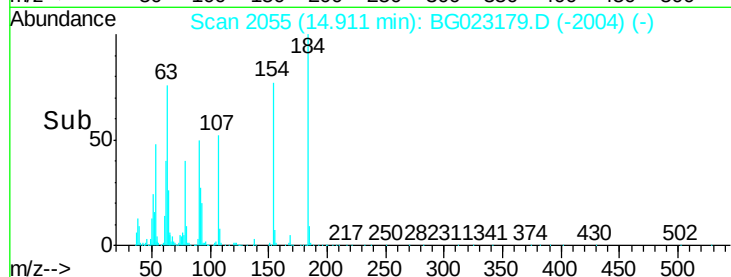
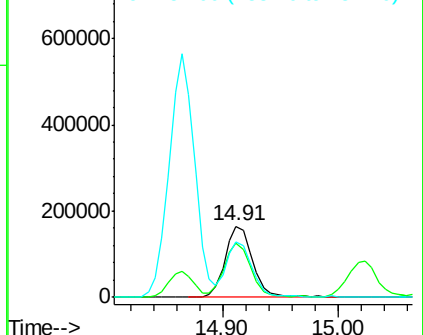
154 77.2 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.75 ng

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

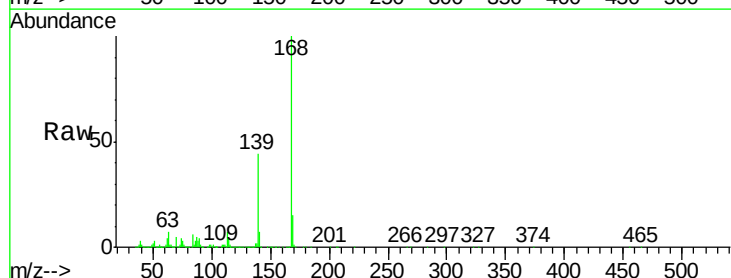
Tgt Ion:168 Resp: 1377346

Ion Ratio Lower Upper

168 100

139 43.5 36.4 54.6

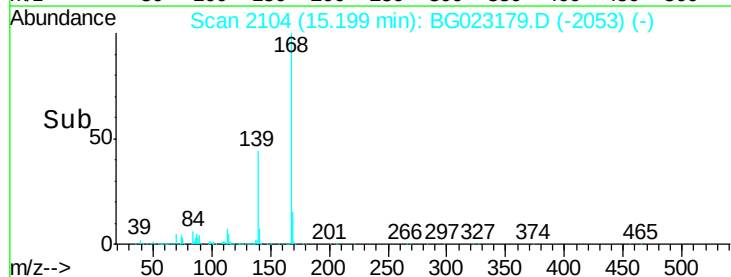
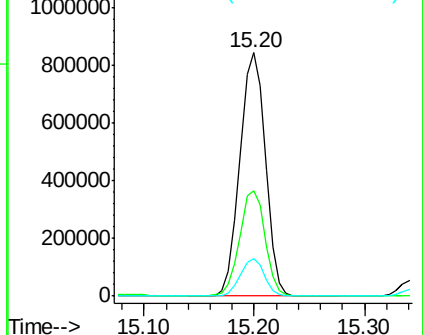
169 15.3 11.9 17.9

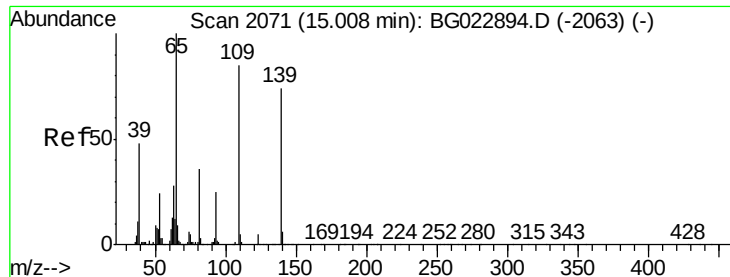


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

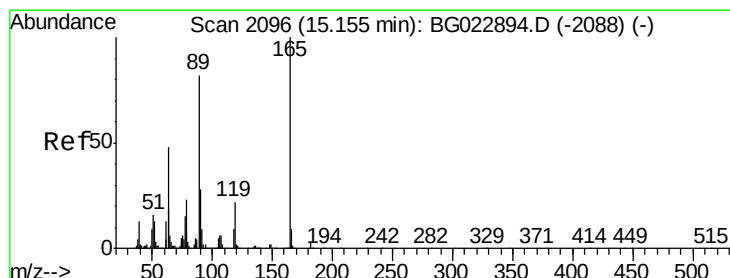
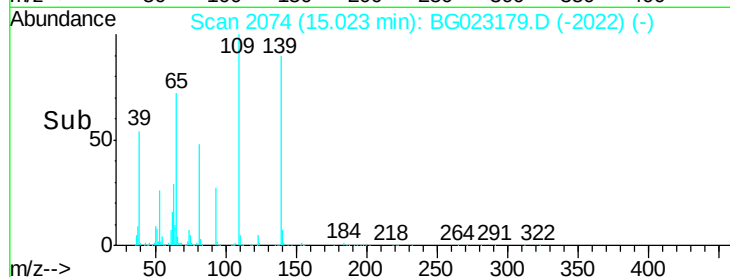
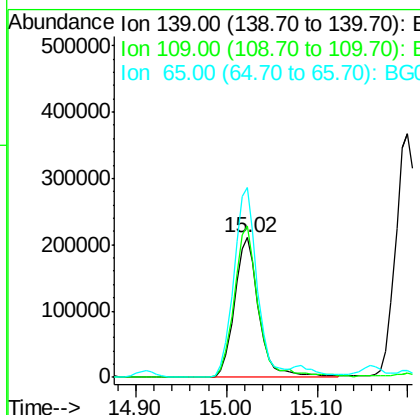
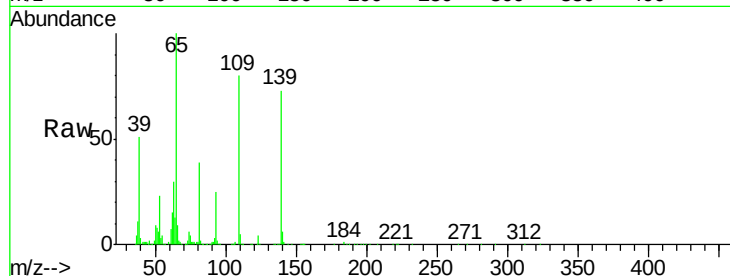




#55
4-Nitrophenol
Concen: 69.82 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

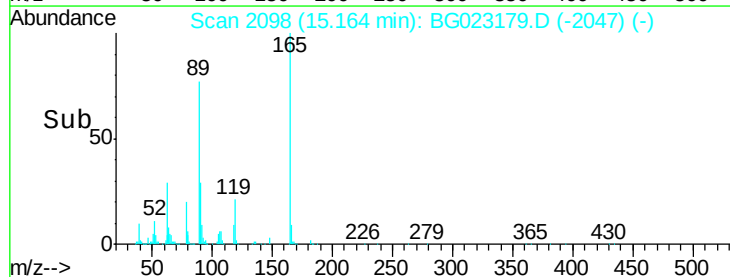
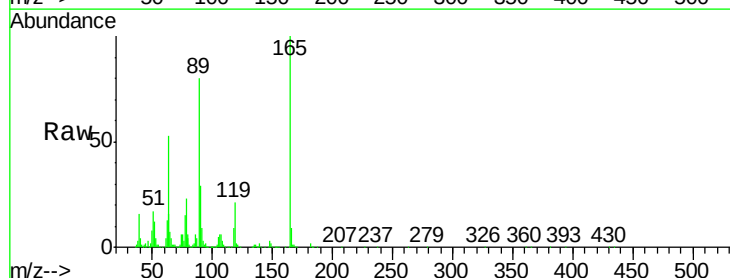
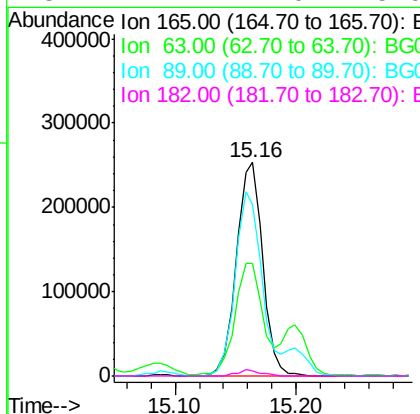
Instrument :
BNA_G
ClientSampleId :
PB92266BS

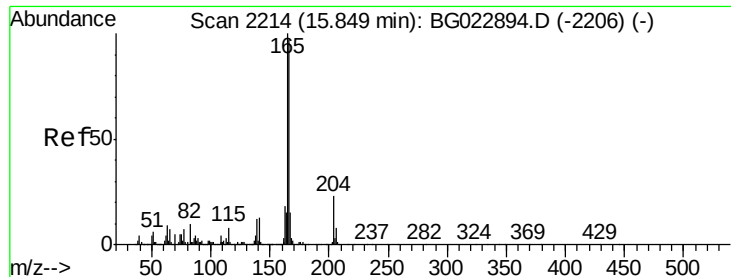
Tot Ion	Ratio	Lower	Upper
139	100		
109	108.7	103.0	143.0
65	136.6	112.7	152.7



#56
2,4-Dinitrotoluene
Concen: 38.84 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.9	45.8	68.6
89	80.1	68.6	102.8
182	2.2	2.0	3.0





#57

Fluorene

Concen: 38.98 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

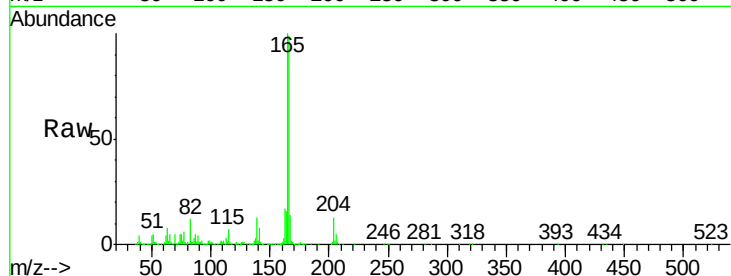
Tot Ion:166 Resp: 1106728

Ion Ratio Lower Upper

166 100

165 101.1 81.0 121.6

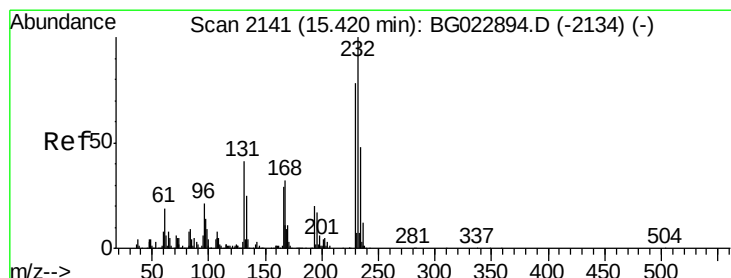
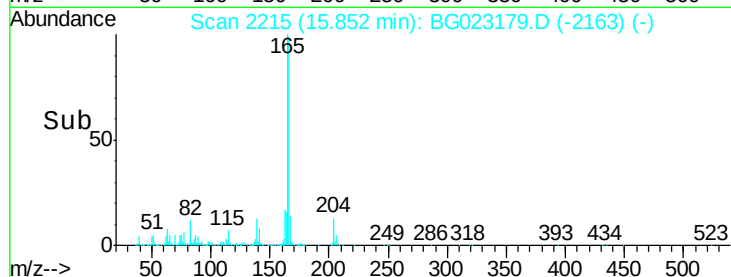
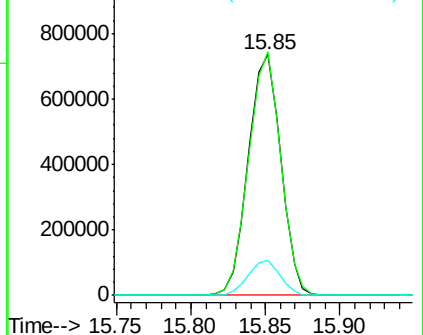
167 14.5 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.68 ng

RT: 15.43 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Tgt Ion:232 Resp: 354206

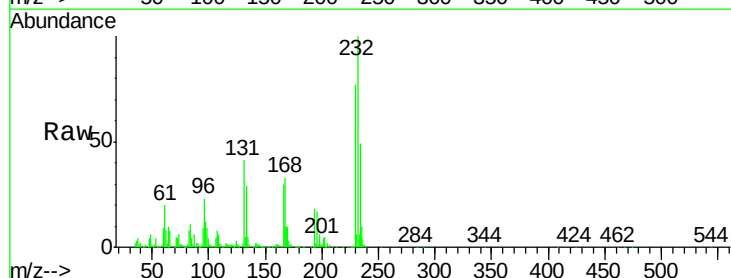
Ion Ratio Lower Upper

232 100

131 42.8 32.7 49.1

130 2.7 2.6 3.8

166 30.5 23.0 34.6

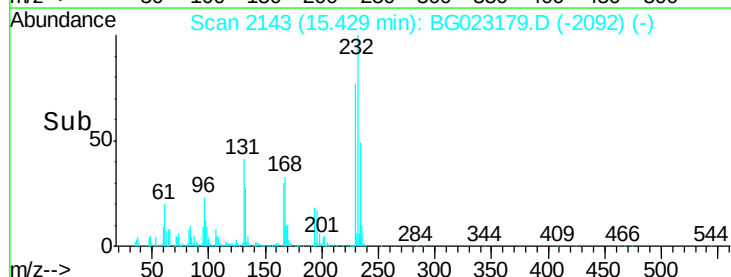
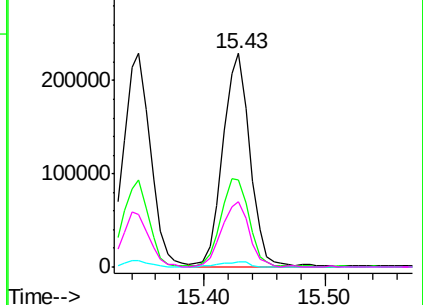


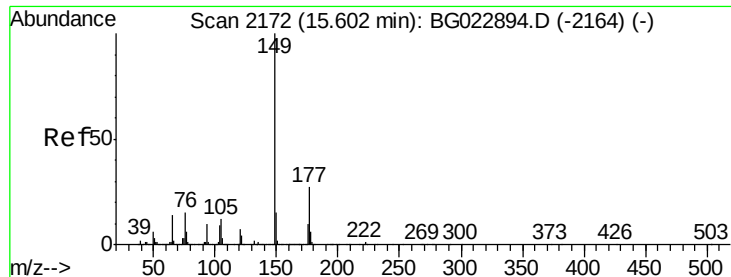
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.62 ng

RT: 15.60 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

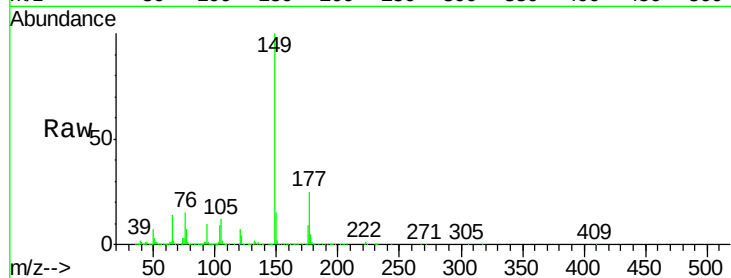
Tot Ion:149 Resp: 1185521

Ion Ratio Lower Upper

149 100

177 25.0 19.2 28.8

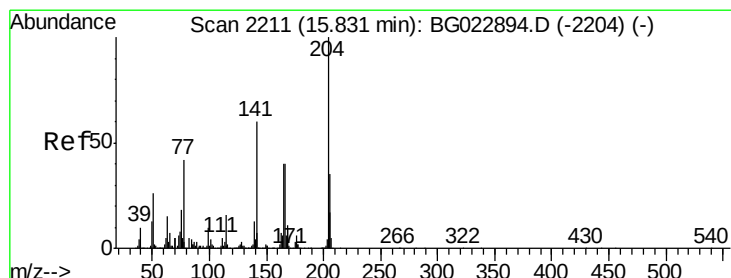
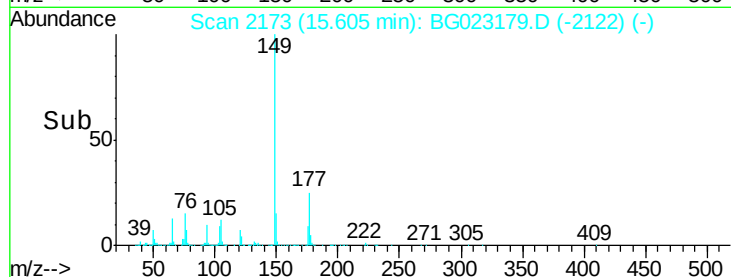
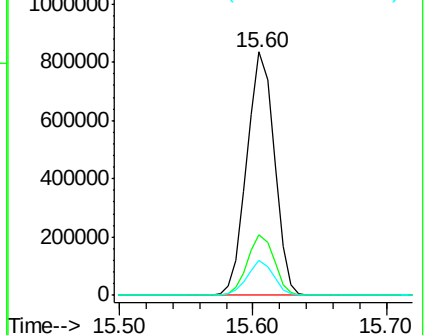
150 14.6 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.64 ng

RT: 15.83 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

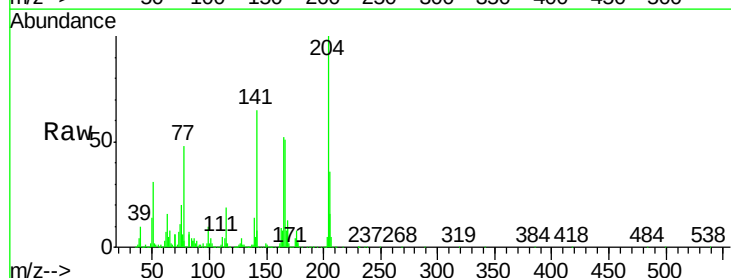
Tgt Ion:204 Resp: 616351

Ion Ratio Lower Upper

204 100

206 35.9 28.5 42.7

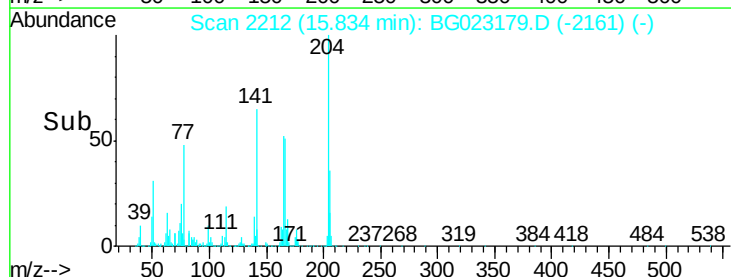
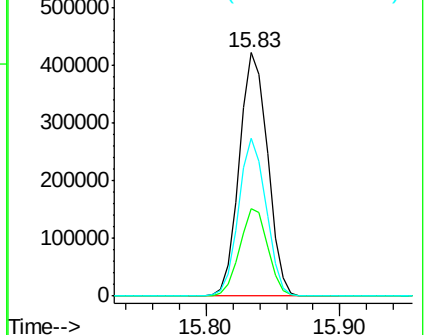
141 64.9 51.4 77.0

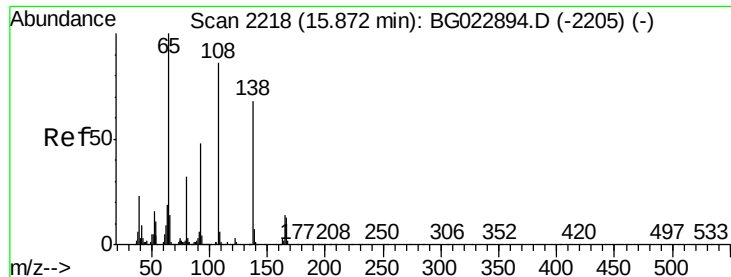


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

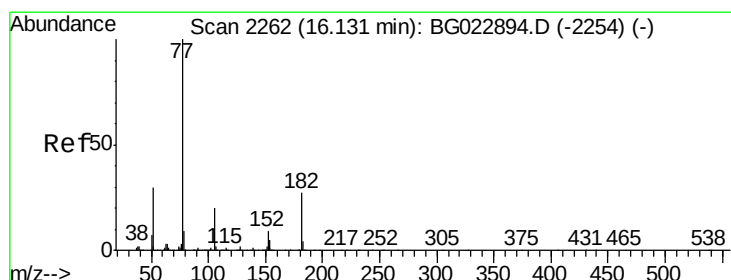
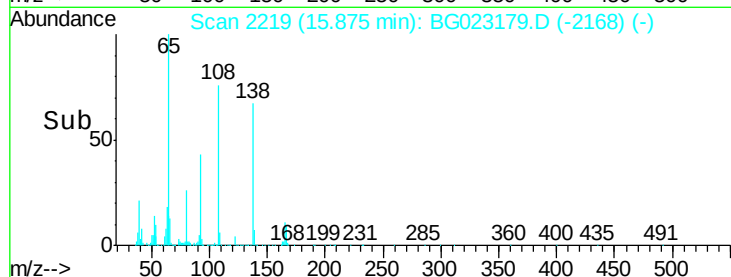
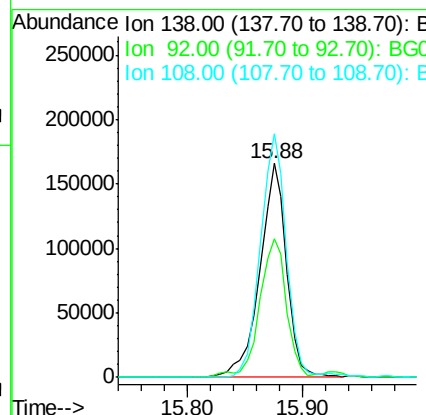
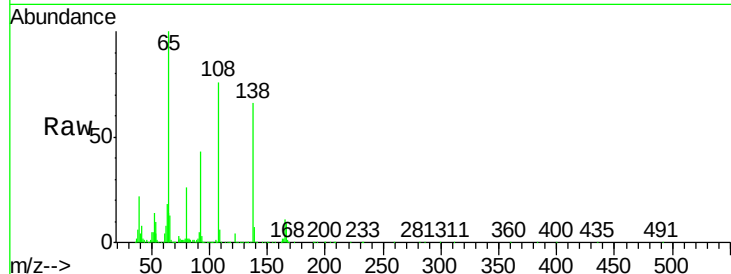




#61
4-Nitroaniline
Concen: 36.62 ng
RT: 15.88 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

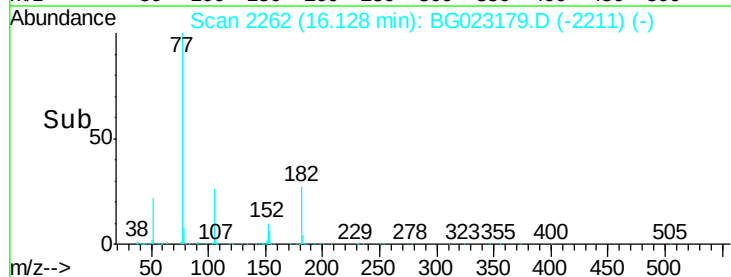
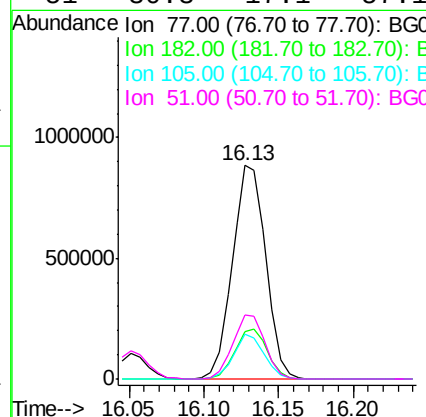
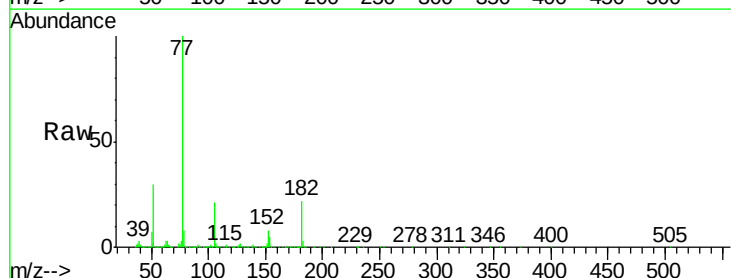
Instrument :
BNA_G
ClientSampleId :
PB92266BS

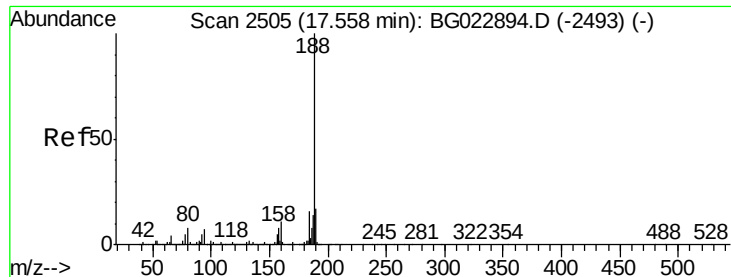
Tot Ion:138 Resp: 267914
Ion Ratio Lower Upper
138 100
92 64.8 54.1 94.1
108 113.9 133.9 173.9#



#62
Azobenzene
Concen: 46.86 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion: 77 Resp: 1376010
Ion Ratio Lower Upper
77 100
182 22.0 3.5 43.5
105 20.7 0.0 38.5
51 30.3 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

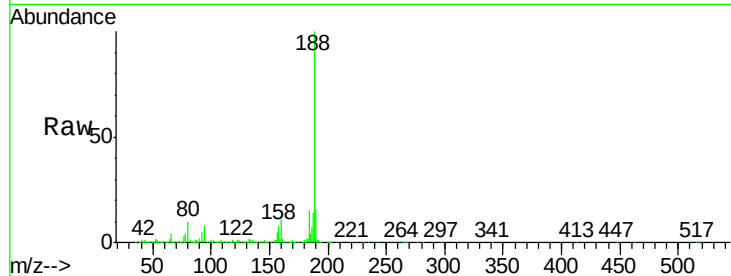
Tot Ion:188 Resp: 854044

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

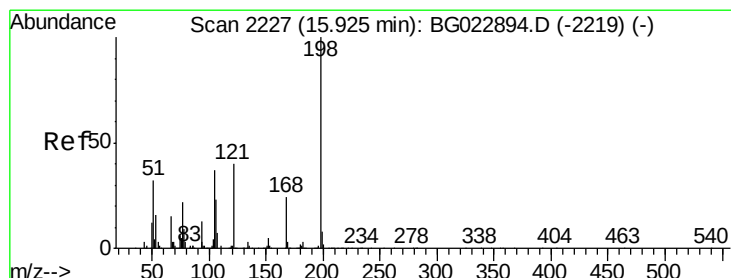
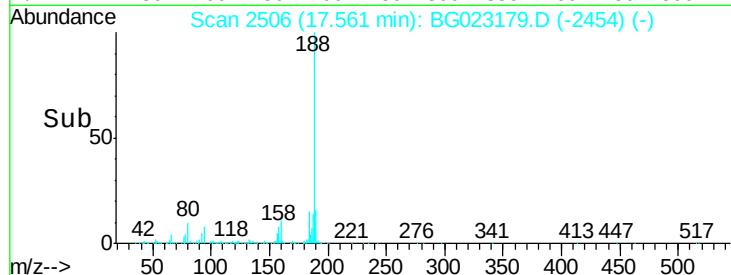
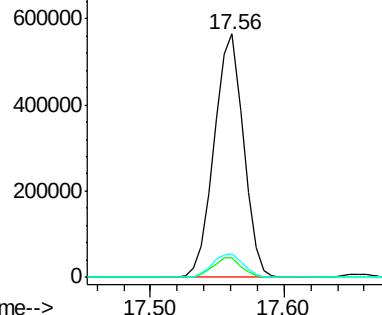
80 9.8 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 33.71 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

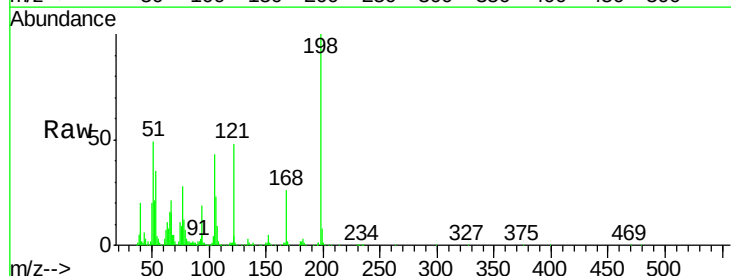
Tgt Ion:198 Resp: 213954

Ion Ratio Lower Upper

198 100

51 48.8 26.0 66.0

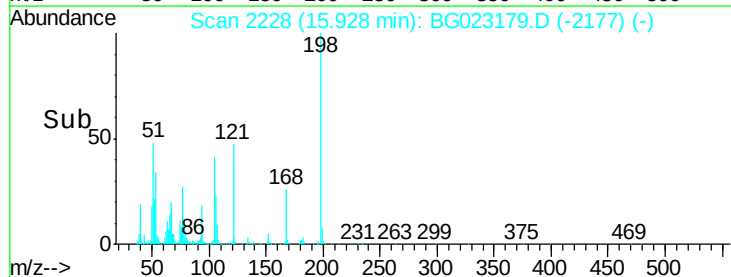
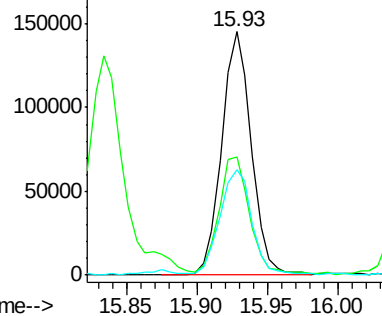
105 43.1 20.1 60.1

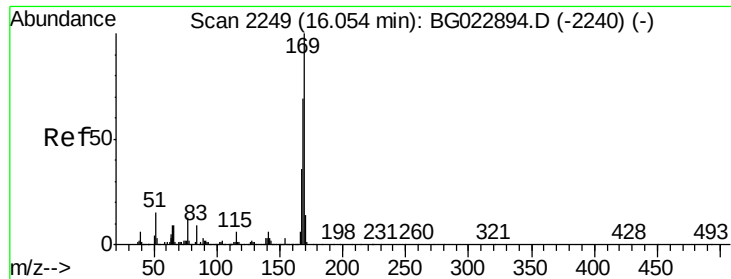


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

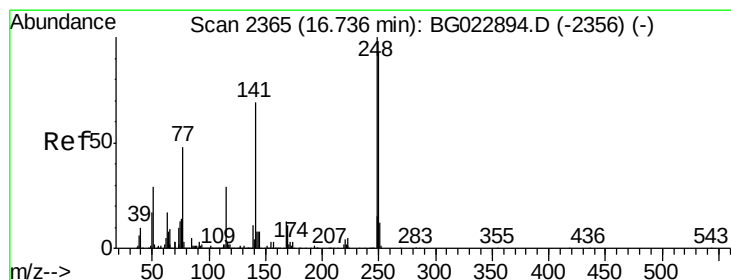
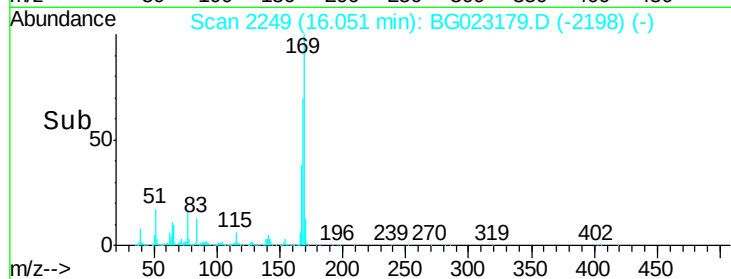
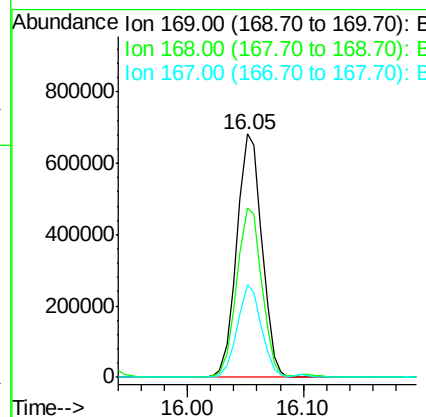
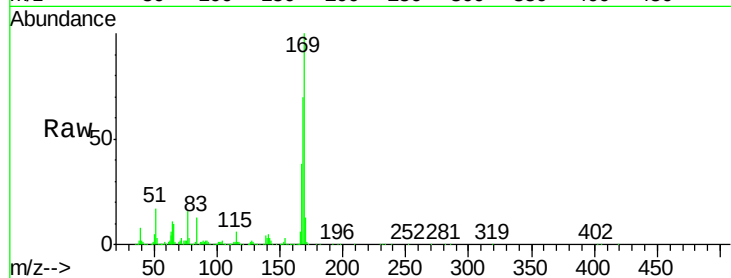




#65
 n-Nitrosodiphenylamine
 Concen: 41.70 ng
 RT: 16.05 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

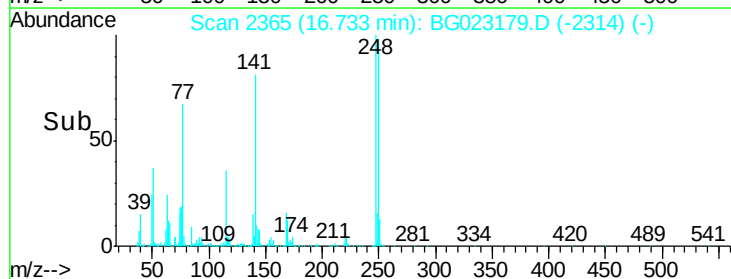
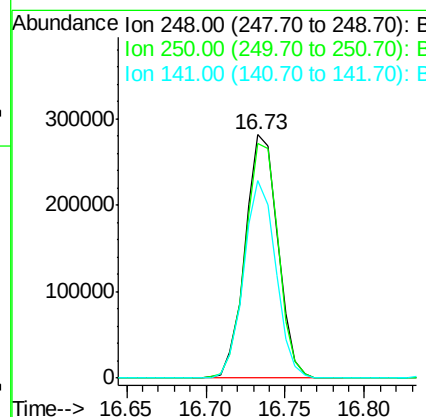
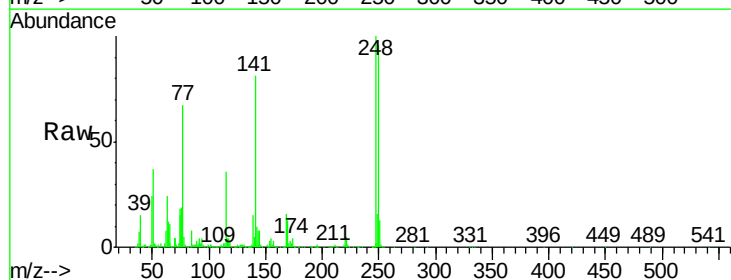
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

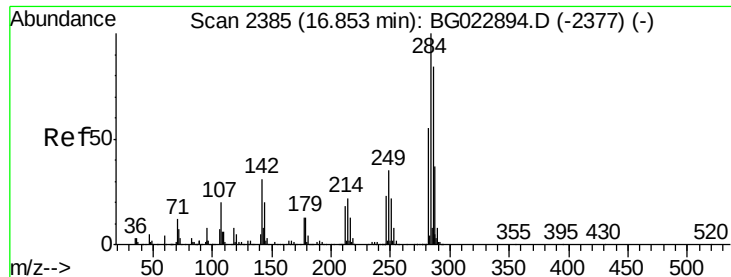
Tot Ion:169 Resp: 1026040
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.0 82.4
 167 38.0 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 36.24 ng
 RT: 16.73 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion:248 Resp: 402645
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.8 116.8
 141 81.4 65.7 98.5





#67

Hexachlorobenzene

Concen: 34.72 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

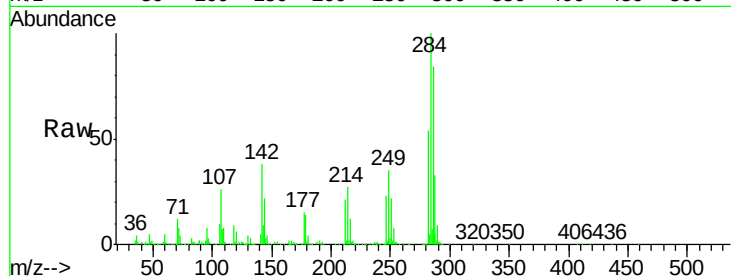
Tot Ion:284 Resp: 419426

Ion Ratio Lower Upper

284 100

142 37.8 26.8 40.2

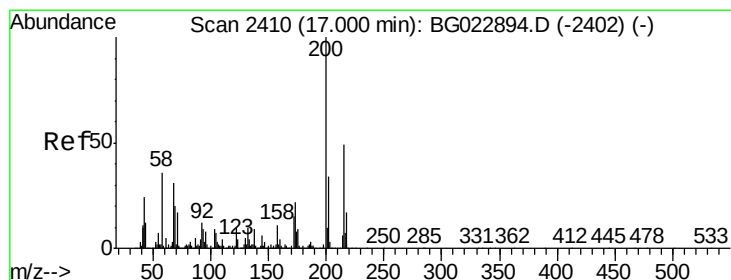
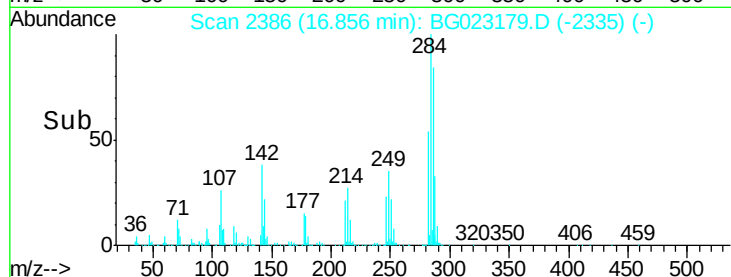
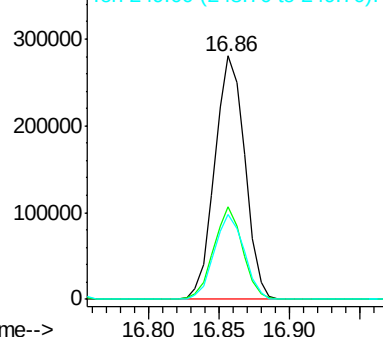
249 34.7 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.92 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

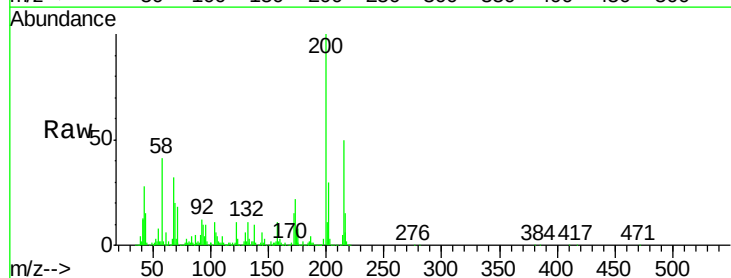
Tgt Ion:200 Resp: 413893

Ion Ratio Lower Upper

200 100

173 22.5 1.6 41.6

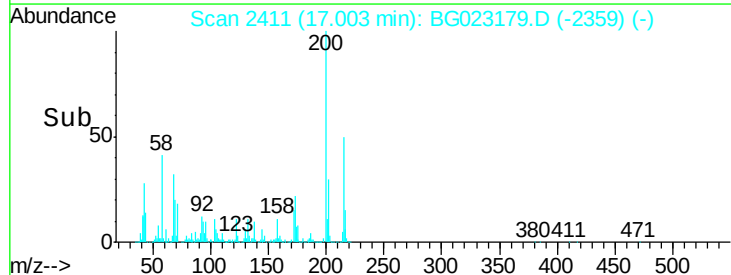
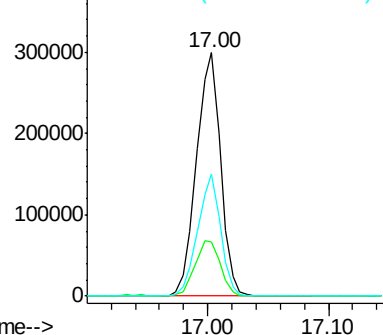
215 50.0 28.7 68.7

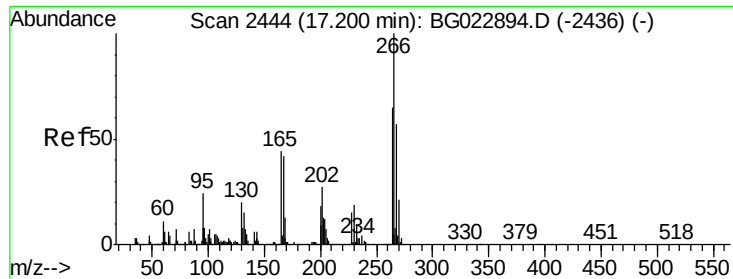


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.66 ng

RT: 17.21 min Scan# 2446

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

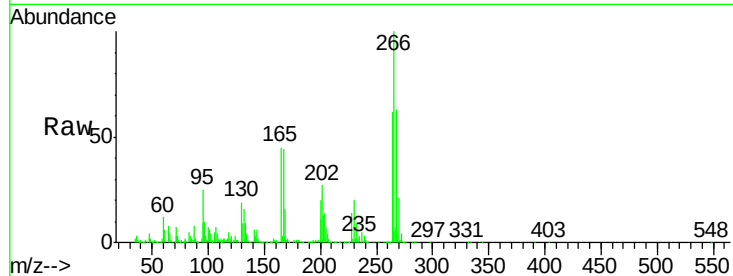
Tot Ion:266 Resp: 490246

Ion Ratio Lower Upper

266 100

268 63.2 51.9 77.9

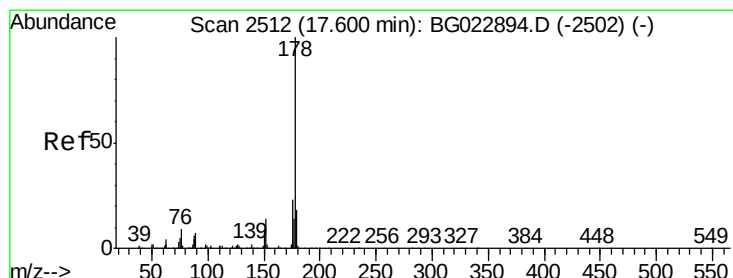
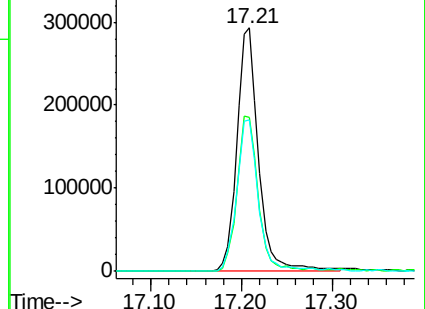
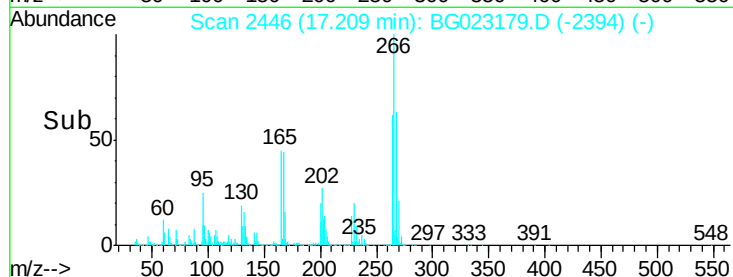
264 62.0 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.03 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

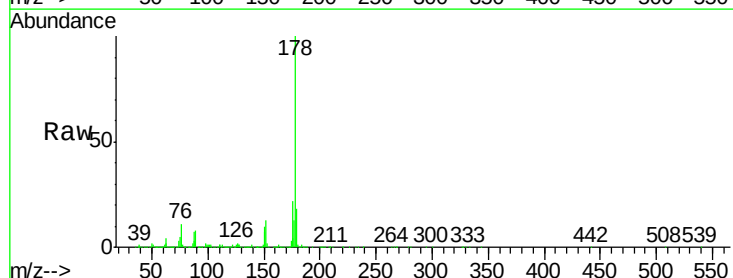
Tgt Ion:178 Resp: 1717405

Ion Ratio Lower Upper

178 100

176 22.1 16.8 25.2

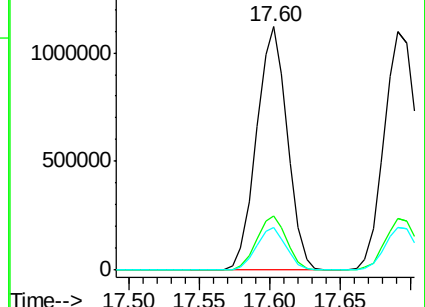
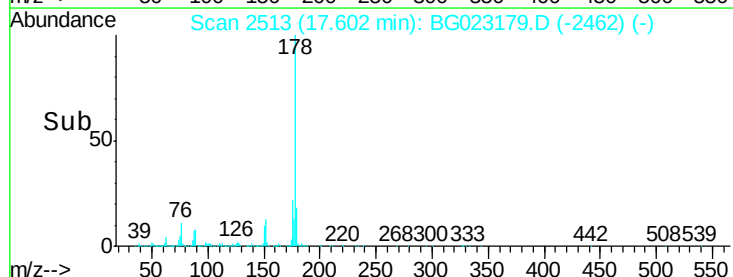
179 17.7 14.3 21.5

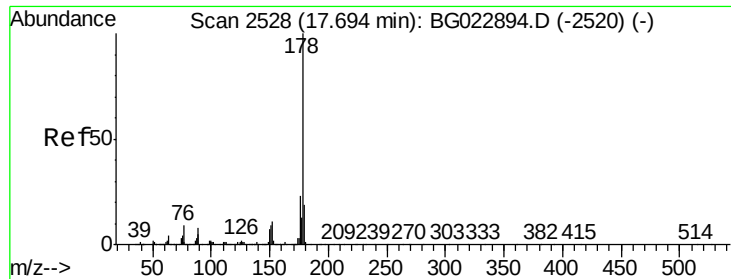


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

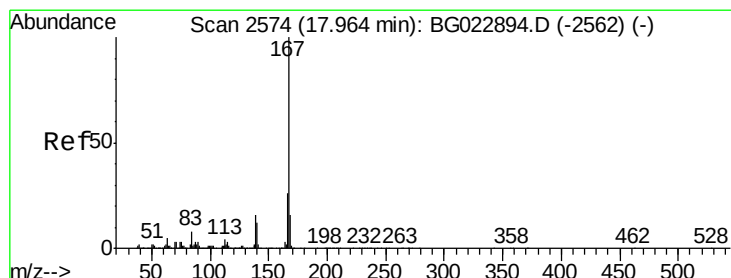
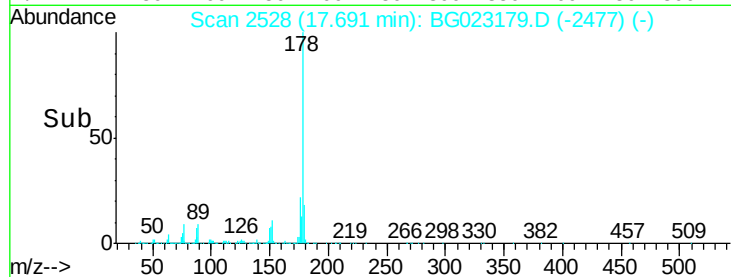
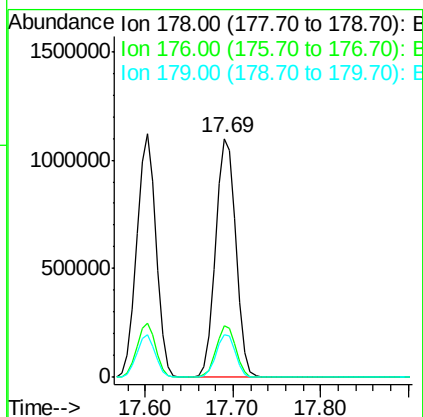
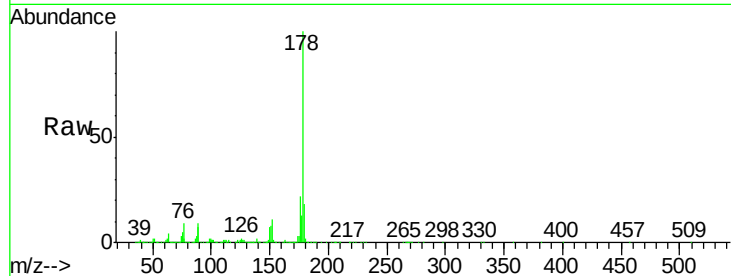




#71
 Anthracene
 Concen: 41.75 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

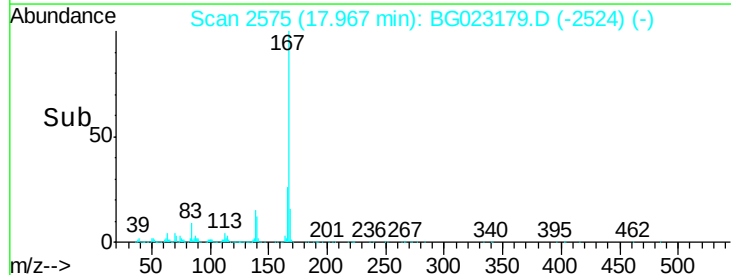
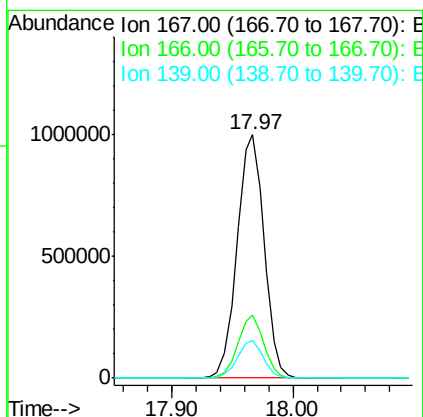
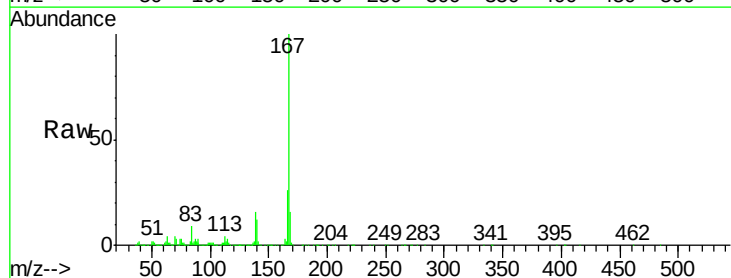
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

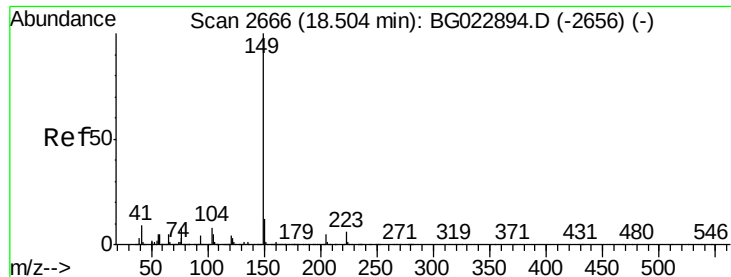
Tot Ion:178 Resp: 1769579
 Ion Ratio Lower Upper
 178 100
 176 21.9 17.3 25.9
 179 17.7 14.0 21.0



#72
 Carbazole
 Concen: 42.63 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion:167 Resp: 1561157
 Ion Ratio Lower Upper
 167 100
 166 25.8 20.7 31.1
 139 15.5 11.9 17.9





#73

Di-n-butylphthalate

Concen: 46.07 ng

RT: 18.51 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

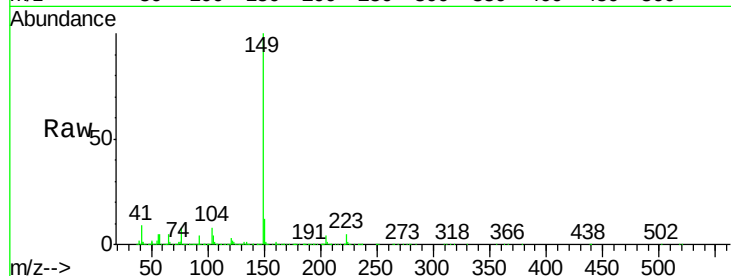
Tot Ion:149 Resp: 1876222

Ion Ratio Lower Upper

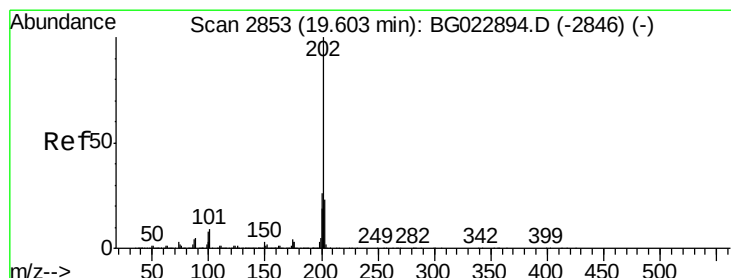
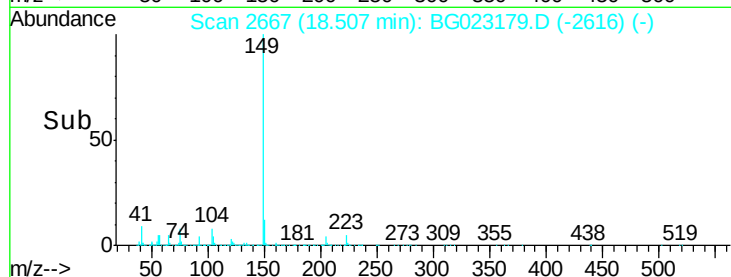
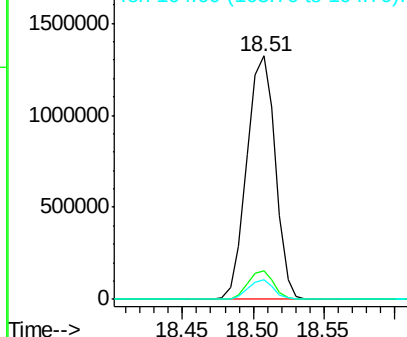
149 100

150 11.6 9.1 13.7

104 7.9 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.12 ng

RT: 19.61 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

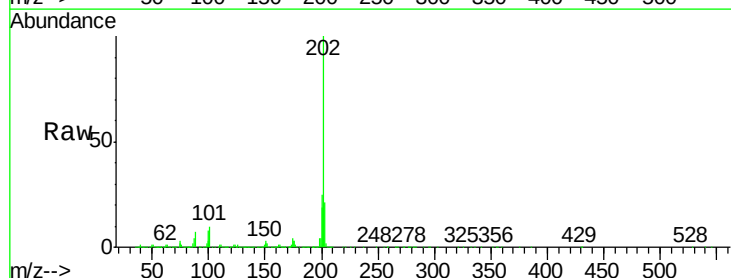
Tgt Ion:202 Resp: 1958019

Ion Ratio Lower Upper

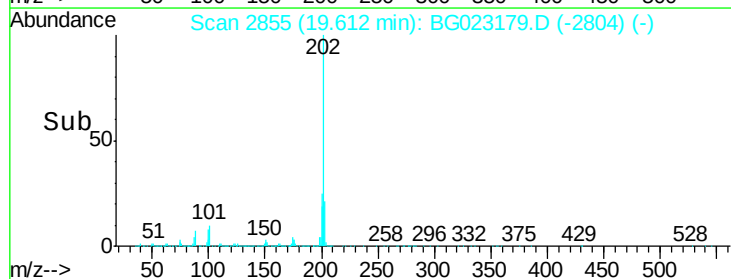
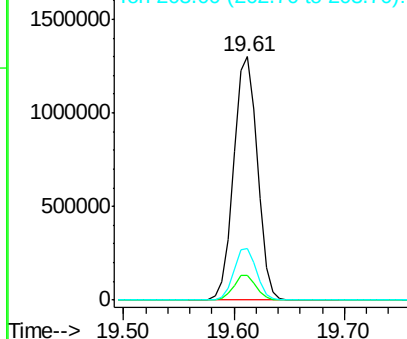
202 100

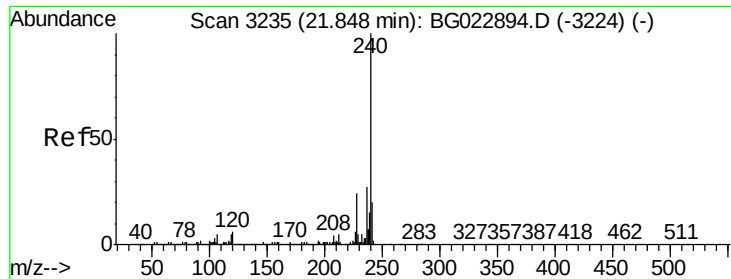
101 10.1 0.0 27.4

203 21.1 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

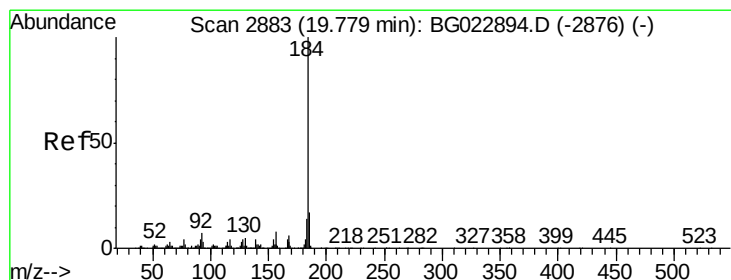
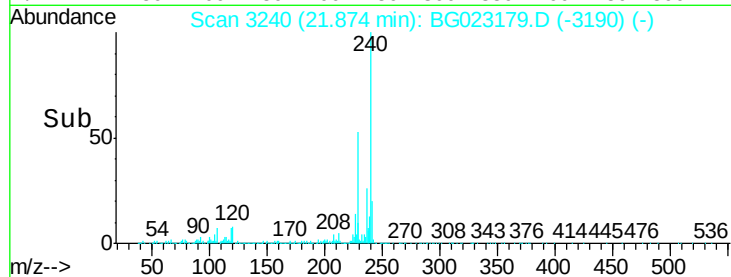
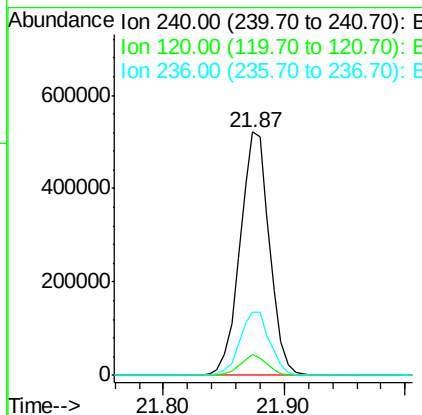
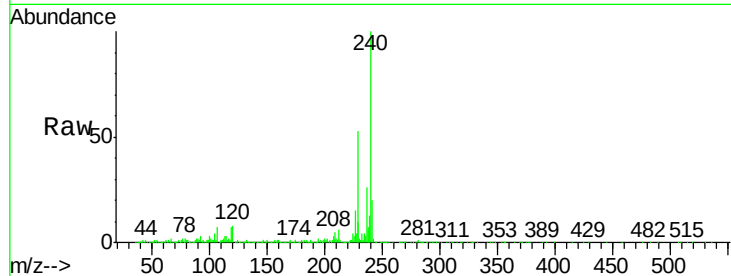




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

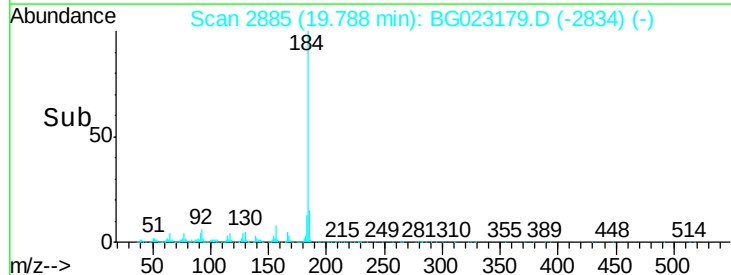
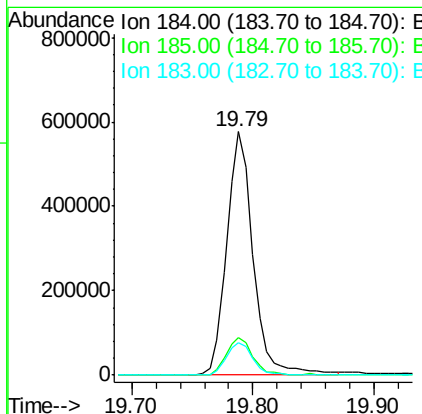
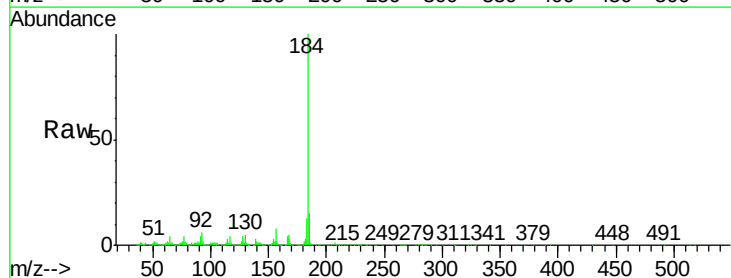
Instrument :
BNA_G
ClientSampleId :
PB92266BS

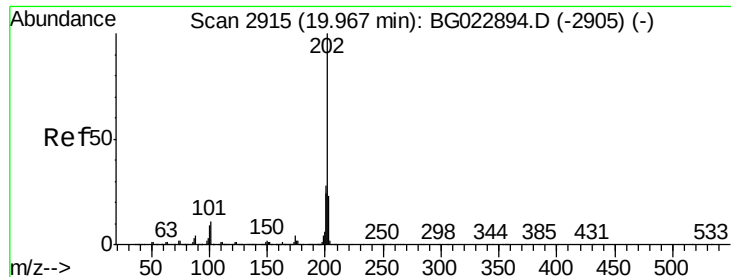
Tot Ion:240 Resp: 881404
Ion Ratio Lower Upper
240 100
120 8.5 4.1 6.1#
236 25.7 21.1 31.7



#76
Benzidine
Concen: 34.58 ng
RT: 19.79 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:184 Resp: 873812
Ion Ratio Lower Upper
184 100
185 15.4 12.6 19.0
183 13.1 10.7 16.1

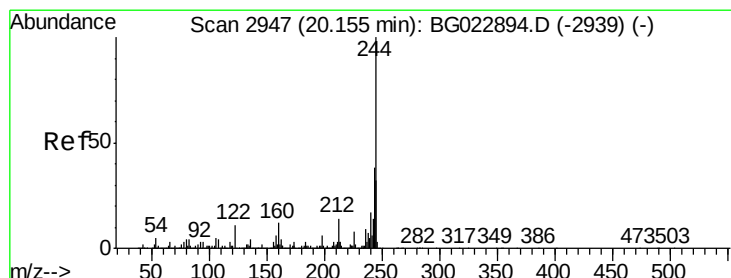
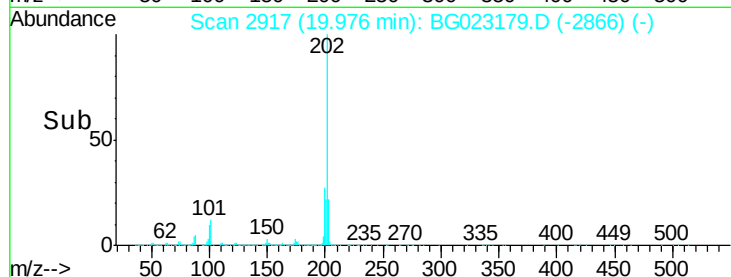
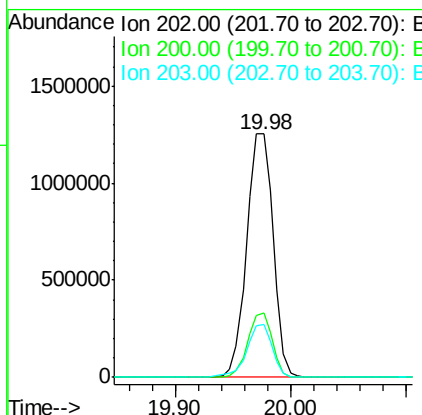
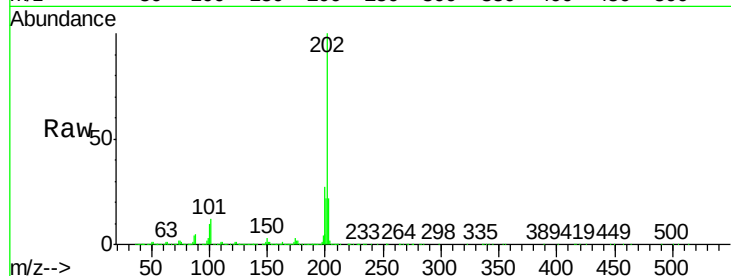




#77
Pvrene
Concen: 40.48 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

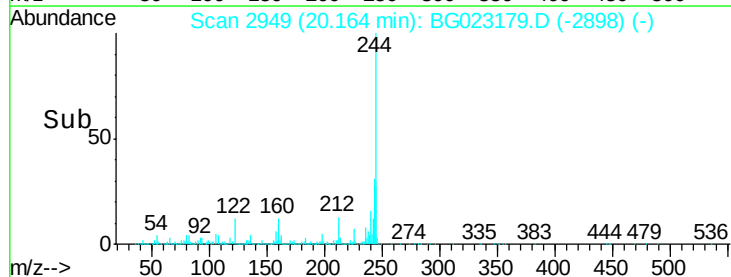
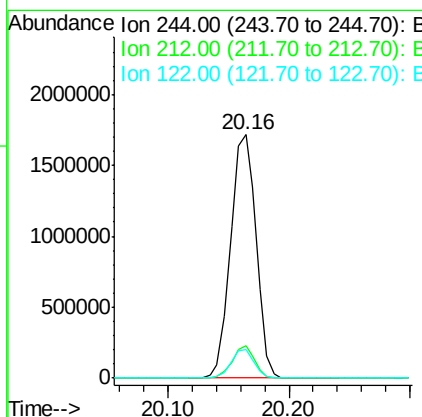
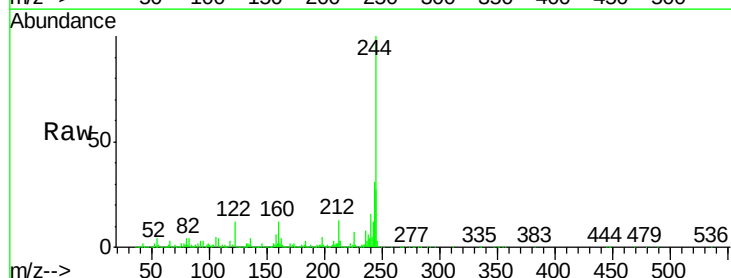
Instrument :
BNA_G
ClientSampleId :
PB92266BS

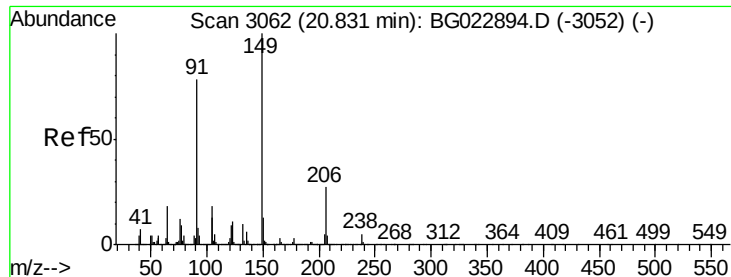
Tot Ion:202 Resp: 2004835
Ion Ratio Lower Upper
202 100
200 26.6 21.2 31.8
203 21.6 16.8 25.2



#78
Terphenyl-d14
Concen: 94.78 ng
RT: 20.16 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:244 Resp: 2521209
Ion Ratio Lower Upper
244 100
212 13.2 10.8 16.2
122 11.9 8.0 12.0





#79

Butylbenzylphthalate

Concen: 47.49 ng

RT: 20.85 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

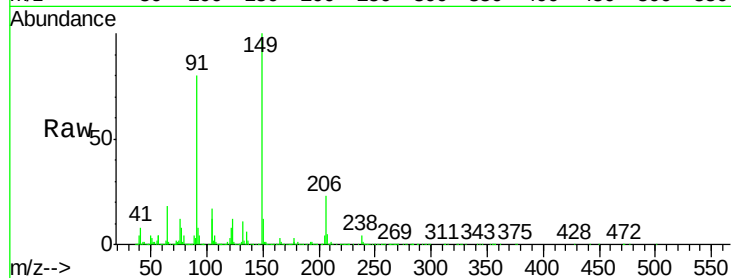
Tot Ion:149 Resp: 931624

Ion Ratio Lower Upper

149 100

91 80.0 68.1 102.1

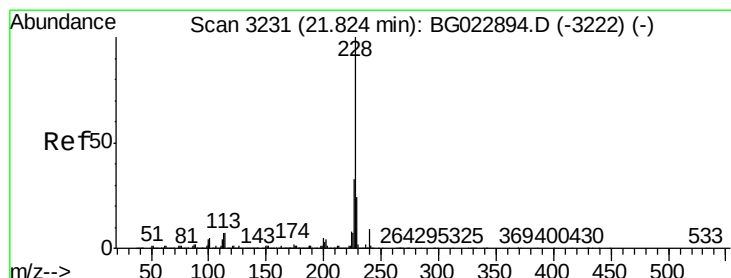
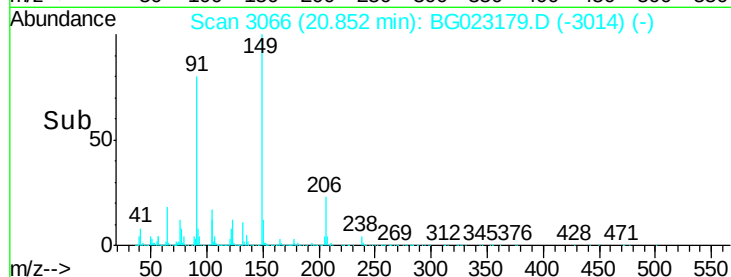
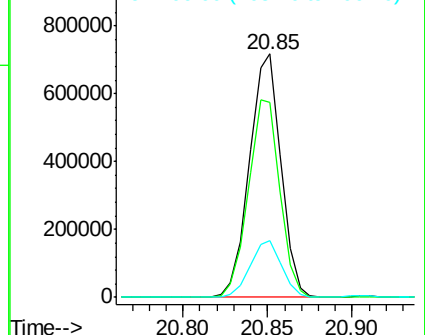
206 23.2 19.8 29.6



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: 41.02 ng

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

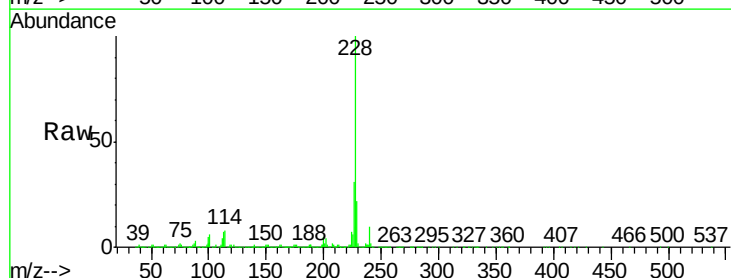
Tgt Ion:228 Resp: 2022790

Ion Ratio Lower Upper

228 100

226 31.3 25.3 37.9

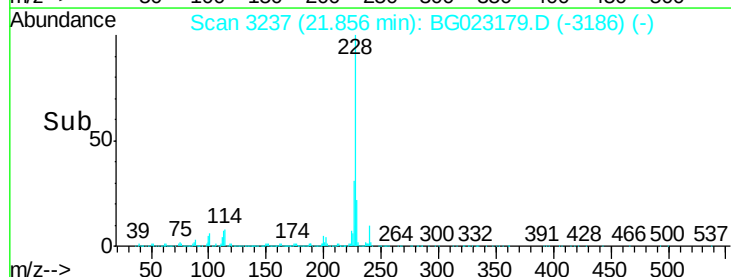
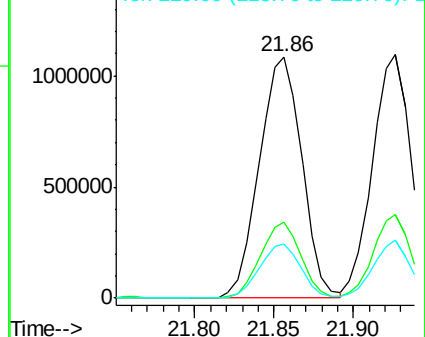
229 22.5 19.9 29.9

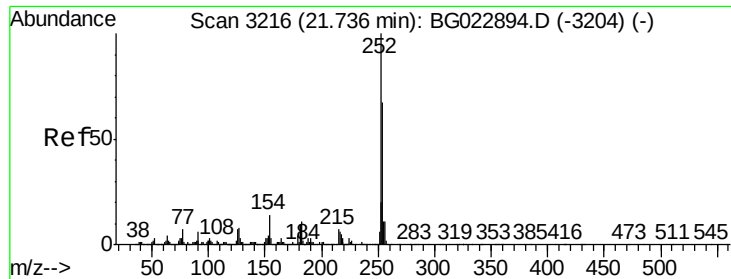


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

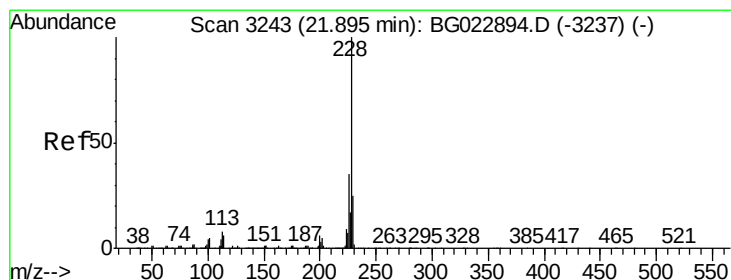
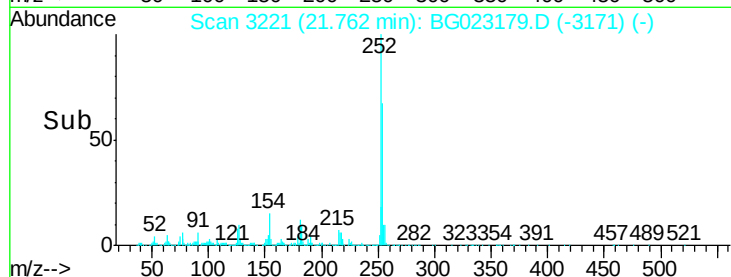
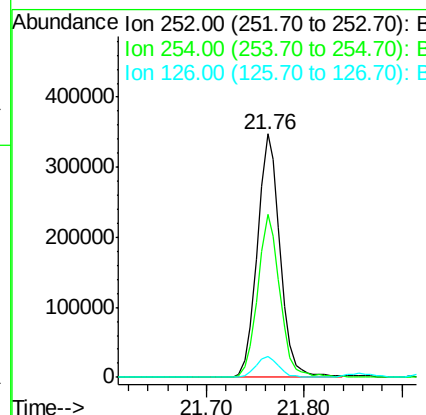
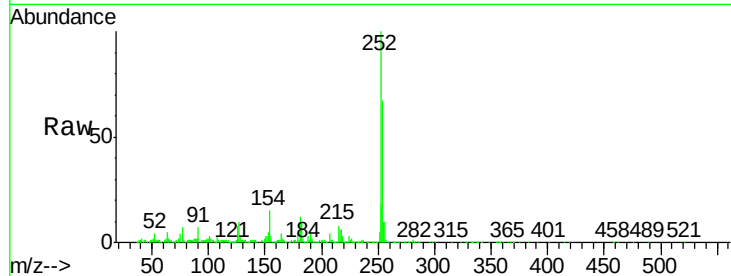




#81
 3,3'-Dichlorobenzidine
 Concen: 26.44 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

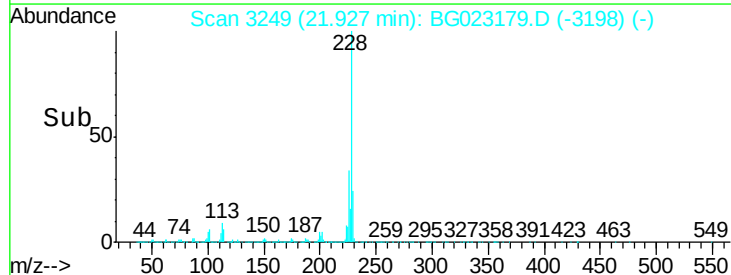
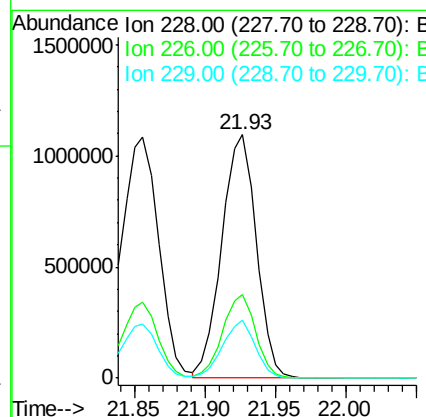
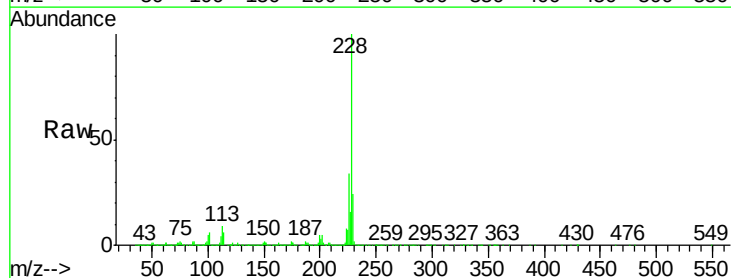
Instrument :
 BNA_G
 ClientSampleId :
 PB92266BS

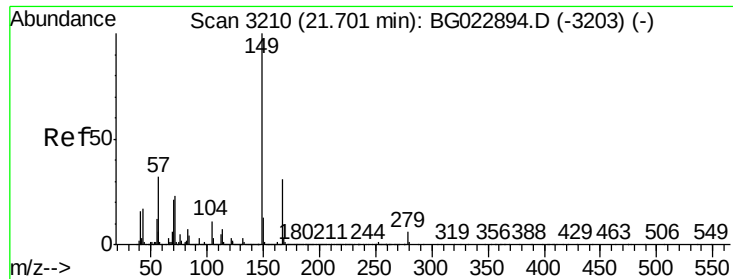
Tot Ion:252 Resp: 572270
 Ion Ratio Lower Upper
 252 100
 254 66.7 51.2 76.8
 126 8.5 5.3 7.9#



#82
 Chrysene
 Concen: 40.16 ng
 RT: 21.93 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BG023179.D
 Acq: 19 Jul 2016 16:47

Tgt Ion:228 Resp: 1857960
 Ion Ratio Lower Upper
 228 100
 226 34.3 26.7 40.1
 229 23.8 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.17 ng

RT: 21.73 min Scan# 3216

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

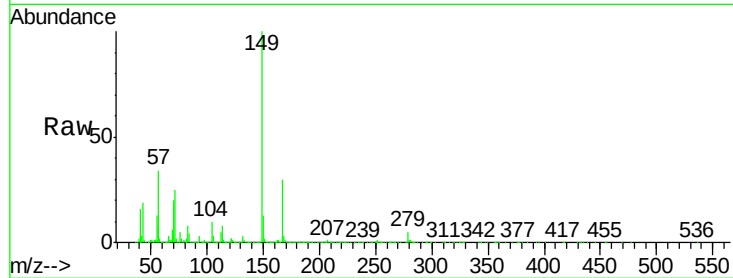
BNA_G

ClientSampleId :

PB92266BS

Tot Ion:149 Resp: 1257826

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.0	36.0
279	4.7	4.8	7.2#

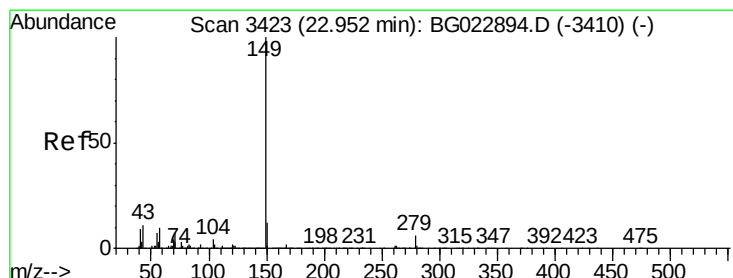
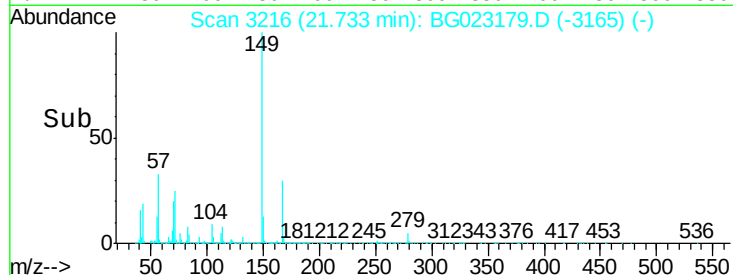
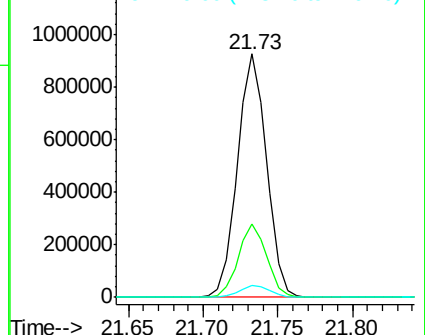


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.29 ng

RT: 23.00 min Scan# 3432

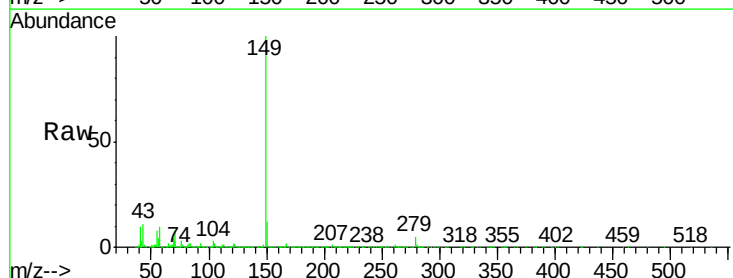
Delta R.T. -0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Tgt Ion:149 Resp: 2102997

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	11.2	8.8	13.2

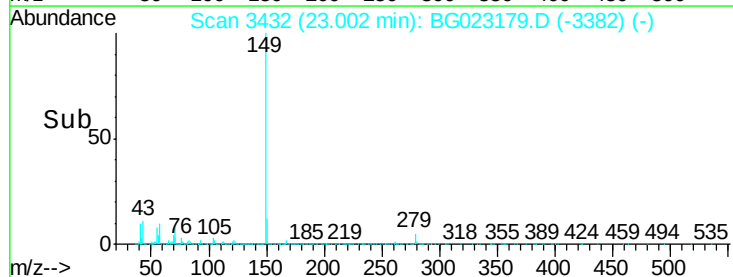
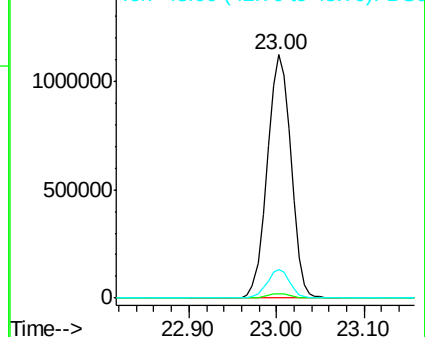


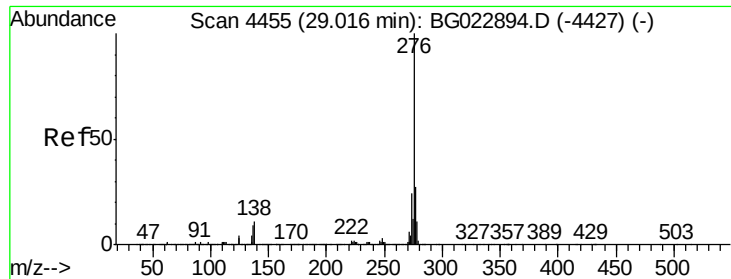
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.04 ng

RT: 29.14 min Scan# 4477

Delta R.T. -0.02 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

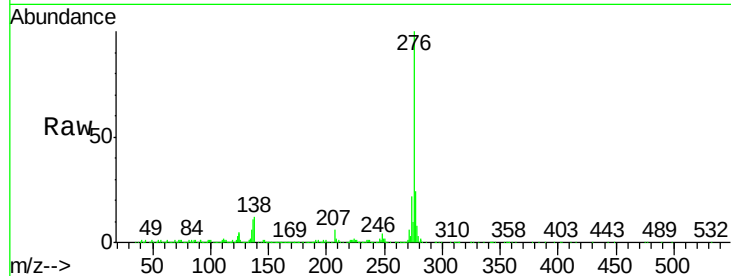
Tot Ion:276 Resp: 1948503

Ion Ratio Lower Upper

276 100

138 8.2 0.0 0.0#

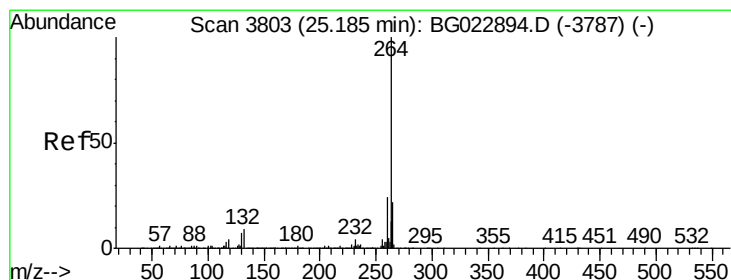
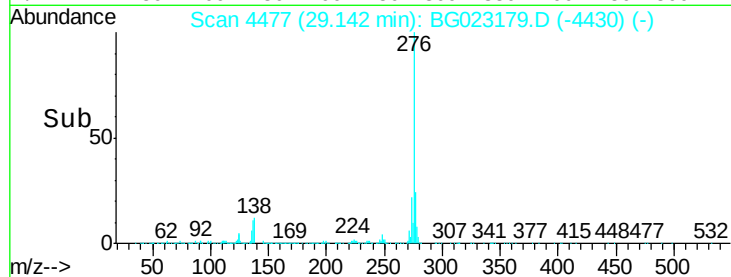
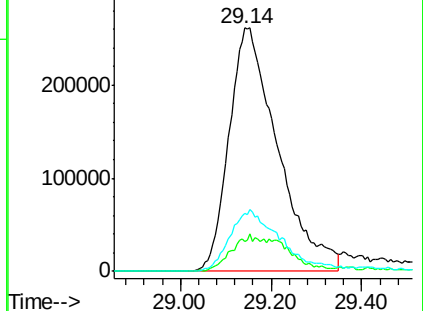
277 26.1 0.0 0.0#



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: 25.27 min Scan# 3818

Delta R.T. -0.00 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

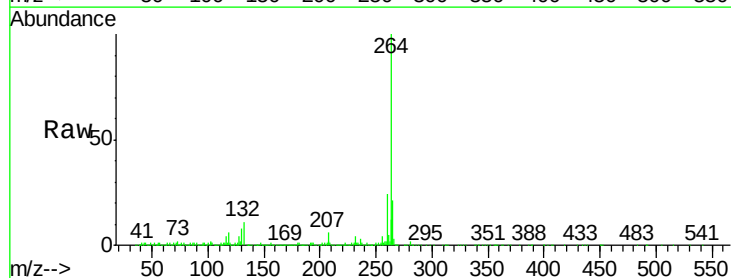
Tgt Ion:264 Resp: 863682

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

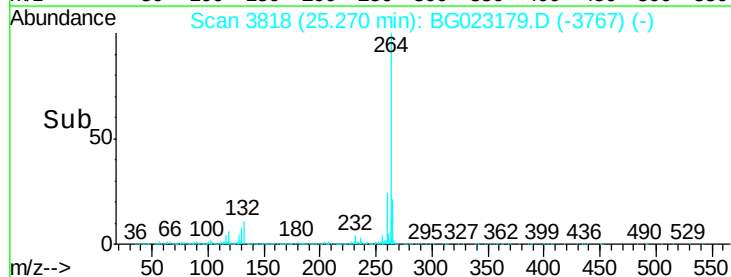
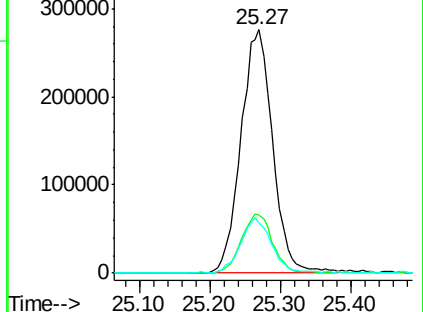
265 20.9 18.9 28.3

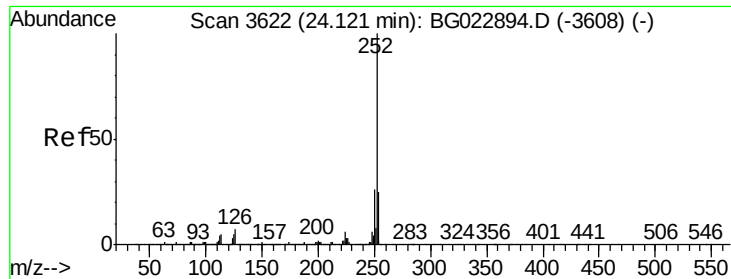


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

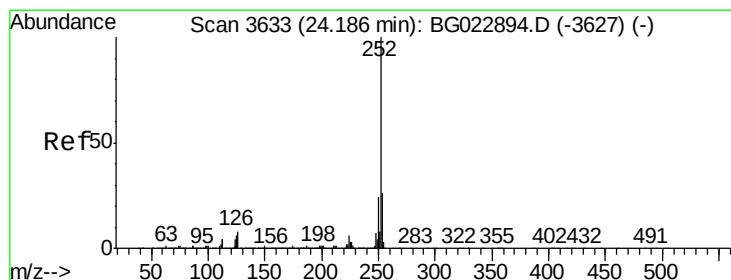
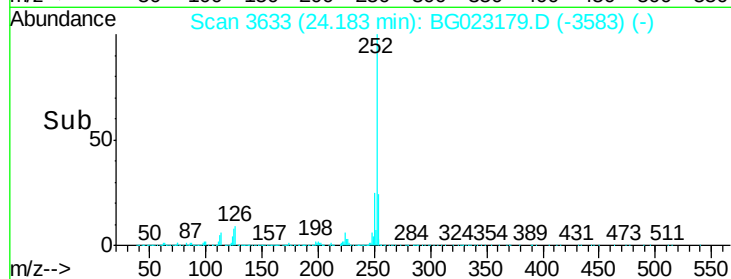
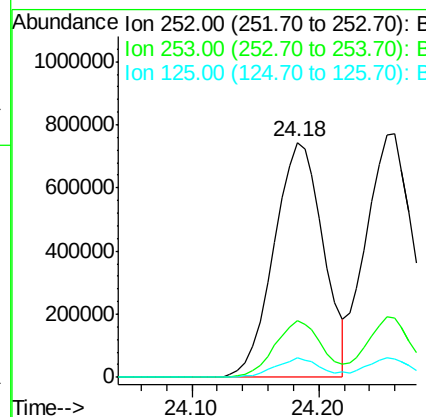
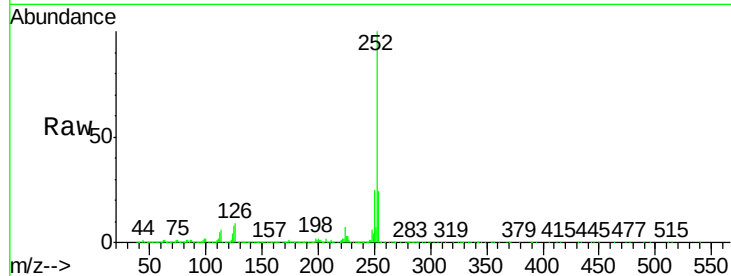




#87
Benzo(b)fluoranthene
Concen: 40.31 ng
RT: 24.18 min Scan# 3633
Delta R.T. -0.01 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

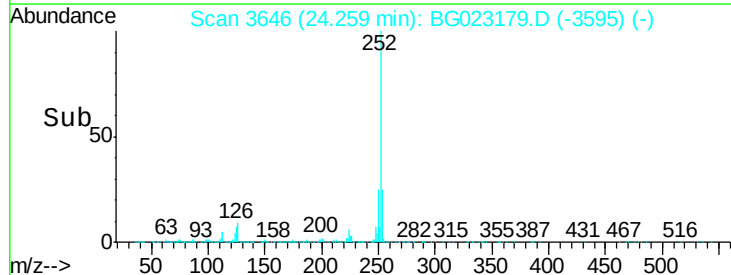
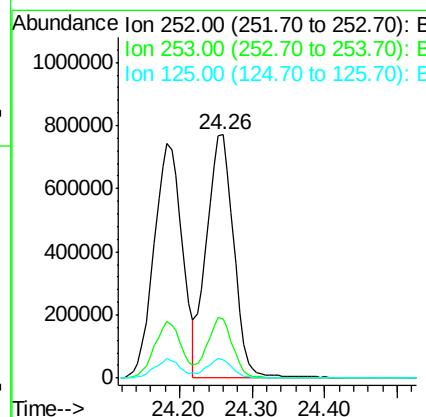
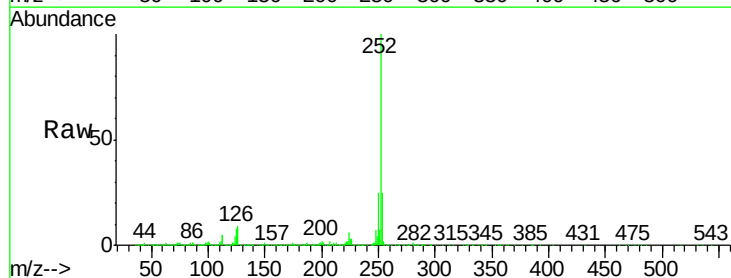
Instrument :
BNA_G
ClientSampleId :
PB92266BS

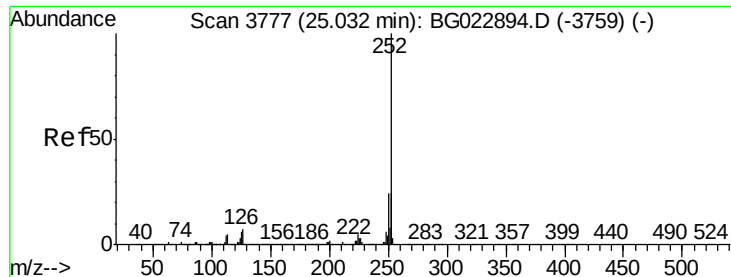
Tot Ion:252 Resp: 2008514
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 8.2 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 42.34 ng
RT: 24.26 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG023179.D
Acq: 19 Jul 2016 16:47

Tgt Ion:252 Resp: 2002376
Ion Ratio Lower Upper
252 100
253 24.5 18.8 28.2
125 7.5 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 41.60 ng

RT: 25.11 min Scan# 3790

Delta R.T. -0.01 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

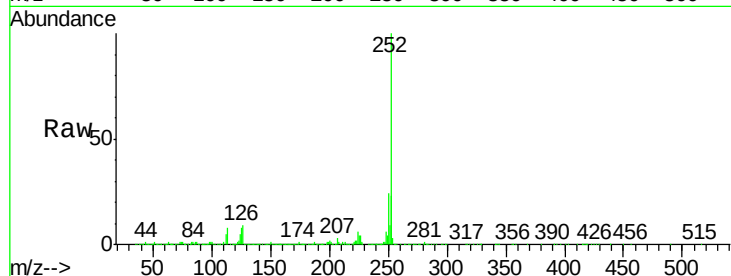
Tot Ion:252 Resp: 1987107

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

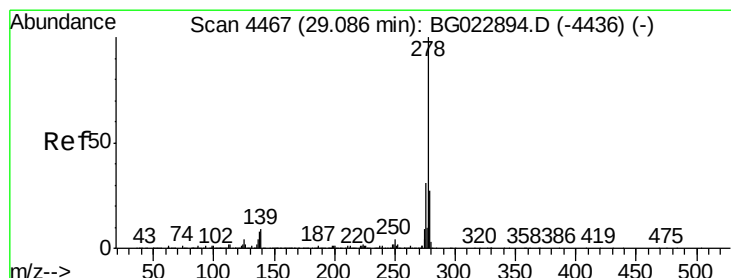
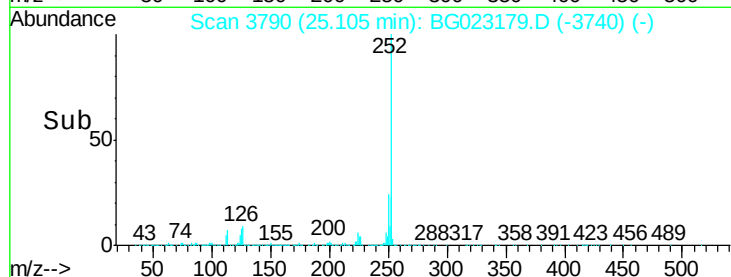
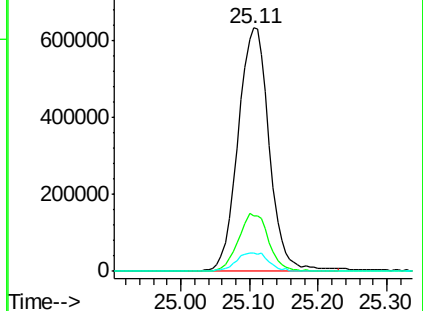
125 7.6 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.15 ng

RT: 29.21 min Scan# 4489

Delta R.T. -0.02 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

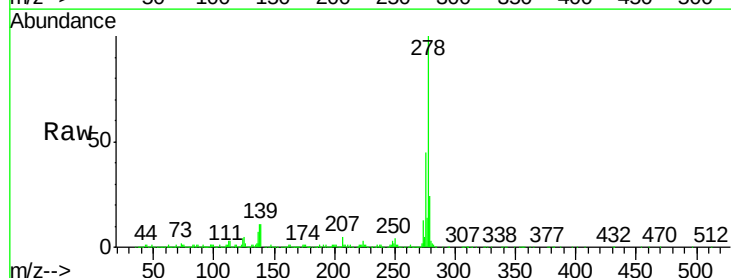
Tgt Ion:278 Resp: 1666300

Ion Ratio Lower Upper

278 100

139 11.2 4.7 7.1#

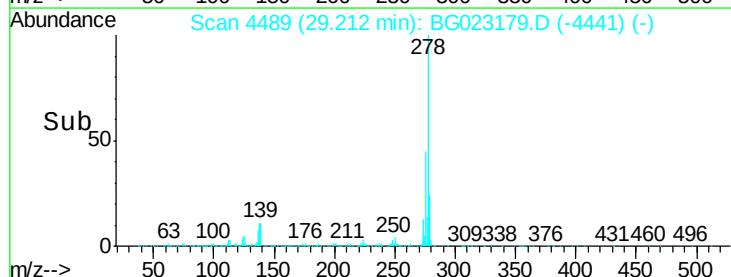
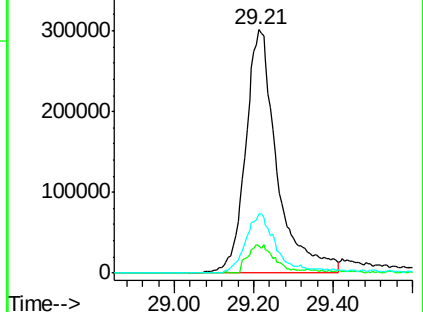
279 24.4 18.3 27.5

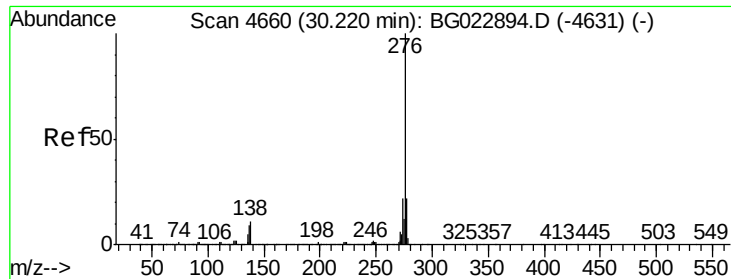


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.99 ng

RT: 30.36 min Scan# 4685

Delta R.T. -0.02 min

Lab File: BG023179.D

Acq: 19 Jul 2016 16:47

Instrument :

BNA_G

ClientSampleId :

PB92266BS

Tot Ion:276 Resp: 1471122

Ion Ratio Lower Upper

276 100

277 25.9 18.6 27.8

138 15.2 6.8 10.2#

