

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
 Data File : BG023747.D
 Acq On : 17 Aug 2016 11:02
 Operator : UM/SJ
 Sample : H4449-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 17 15:58:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	122903	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	553757	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	378579	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	841002	20.00	ng	0.00
75) Chrysene-d12	21.87	240	802368	20.00	ng	0.00
86) Perylene-d12	25.27	264	793159	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	875043	119.85	ng	-0.01
7) Phenol-d6	7.26	99	1272632	111.91	ng	-0.01
23) Nitrobenzene-d5	9.28	82	967112	86.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	628536	113.51	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1877398	83.64	ng	0.00
78) Terphenyl-d14	20.15	244	2459535	99.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	91144	29.30	ng	# 90
3) Pyridine	3.92	79	265532	25.97	ng	96
4) n-Nitrosodimethylamine	3.83	42	154283	40.71	ng	79
6) Aniline	7.42	93	320138	19.48	ng	96
8) 2-Chlorophenol	7.66	128	353608	42.16	ng	99
9) Benzaldehyde	7.23	77	46955	4.92	ng	96
10) Phenol	7.29	94	473545	38.92	ng	83
11) bis(2-Chloroethyl)ether	7.51	93	372414	38.38	ng	93
12) 1,3-Dichlorobenzene	7.99	146	362594	37.76	ng	93
13) 1,4-Dichlorobenzene	8.14	146	370845	37.72	ng	99
14) 1,2-Dichlorobenzene	8.46	146	358613	37.19	ng	94
15) Benzyl Alcohol	8.34	79	431788	50.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	530981	37.20	ng	89
17) 2-Methylphenol	8.56	107	340757	41.78	ng	91
18) Hexachloroethane	9.19	117	146842	39.68	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	375774	38.42	ng	100
20) 3+4-Methylphenols	8.89	107	477771	41.55	ng	88
22) Acetophenone	8.94	105	547992	36.14	ng	# 92
24) Nitrobenzene	9.33	77	545430	44.22	ng	91
25) Isophorone	9.85	82	993648	42.83	ng	# 95
26) 2-Nitrophenol	10.04	139	226764	43.56	ng	# 83
27) 2,4-Dimethylphenol	10.10	122	382025	43.10	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	558667	40.06	ng	98
29) 2,4-Dichlorophenol	10.59	162	411606	46.18	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	409141	42.56	ng	99
31) Naphthalene	10.99	128	1172486	41.58	ng	99
32) Benzoic acid	10.27	122	222800	30.08	ng	96
33) 4-Chloroaniline	11.11	127	96523	7.16	ng	# 90
34) Hexachlorobutadiene	11.26	225	270031	42.72	ng	97
35) Caprolactam	11.90	113	78524	20.94	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	503270	42.98	ng	98
37) 2-Methylnaphthalene	12.82	142	852950	39.79	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	454249	33.09	ng	98
40) Hexachlorocyclopentadiene	12.93	237	227339	32.84	ng	96

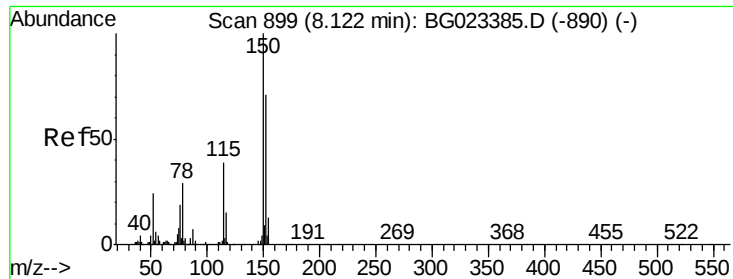
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	359342	43.94	nq	98
43) 2,4,5-Trichlorophenol	13.30	196	367891	43.70	nq	94
45) 1,1'-Biphenyl	13.60	154	1079705	37.31	nq	96
46) 2-Chloronaphthalene	13.66	162	945708	42.24	nq	97
47) 2-Nitroaniline	13.86	65	407834	43.87	nq	92
48) Acenaphthylene	14.50	152	1503508	42.48	nq	98
49) Dimethylphthalate	14.23	163	1249141	43.01	nq	98
50) 2,6-Dinitrotoluene	14.35	165	288555	41.95	nq	91
51) Acenaphthene	14.84	154	951082	42.42	nq	97
52) 3-Nitroaniline	14.69	138	175258	22.60	nq	# 84
53) 2,4-Dinitrophenol	14.91	184	236366	53.61	nq	90
54) Dibenzofuran	15.18	168	1489947	45.77	nq	99
55) 4-Nitrophenol	15.02	139	415242	68.16	nq	# 83
56) 2,4-Dinitrotoluene	15.15	165	419771	43.48	nq	98
57) Fluorene	15.83	166	1219350	42.93	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.41	232	353403	45.74	nq	92
59) Diethylphthalate	15.59	149	1288248	43.69	nq	97
60) 4-Chlorophenyl-phenylether	15.82	204	642989	42.77	nq	98
61) 4-Nitroaniline	15.86	138	290663	35.20	nq	# 68
62) Azobenzene	16.11	77	1417659	47.43	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	191380	33.47	nq	93
65) n-Nitrosodiphenylamine	16.03	169	1099137	44.56	nq	94
66) 4-Bromophenyl-phenylether	16.72	248	439417	44.83	nq	93
67) Hexachlorobenzene	16.85	284	455634	42.49	nq	96
68) Atrazine	16.99	200	434077	45.83	nq	97
69) Pentachlorophenol	17.20	266	448793	71.78	nq	100
70) Phenanthrene	17.59	178	1870306	43.83	nq	98
71) Anthracene	17.68	178	1895650	44.17	nq	99
72) Carbazole	17.96	167	1709631	45.36	nq	98
73) Di-n-butylphthalate	18.49	149	2022580	54.55	nq	98
74) Fluoranthene	19.60	202	2041563	52.26	nq	97
76) Benzidine	19.78	184	452256	20.28	nq	97
77) Pyrene	19.96	202	2032834	44.67	nq	100
79) Butylbenzylphthalate	20.83	149	938880	48.59	nq	99
80) Benzo(a)anthracene	21.84	228	1980419	44.71	nq	98
81) 3,3'-Dichlorobenzidine	21.76	252	499521	27.50	nq	# 97
82) Chrysene	21.92	228	1869352	44.36	nq	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1289284	48.73	nq	99
84) Di-n-octyl phthalate	22.99	149	2169068	48.03	nq	100
85) Indeno(1,2,3-cd)pyrene	29.19	276	2303384	43.74	nq	# 100
87) Benzo(b)fluoranthene	24.19	252	2038802	45.69	nq	# 97
88) Benzo(k)fluoranthene	24.26	252	1917332	44.73	nq	# 96
89) Benzo(a)pyrene	25.11	252	1939212	45.69	nq	# 98
90) Dibenzo(a,h)anthracene	29.26	278	1998289	46.09	nq	# 93
91) Benzo(g,h,i)perylene	30.42	276	1874250	42.93	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

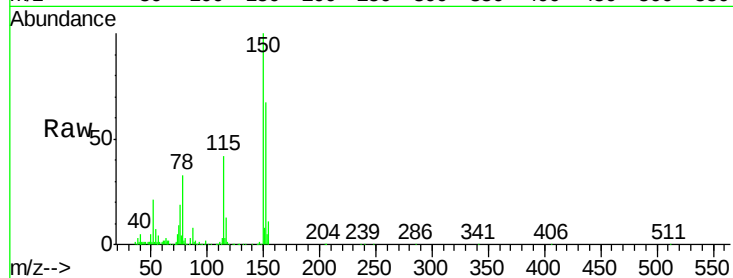
Tot Ion:152 Resp: 122903

Ion Ratio Lower Upper

152 100

150 149.9 144.7 217.1

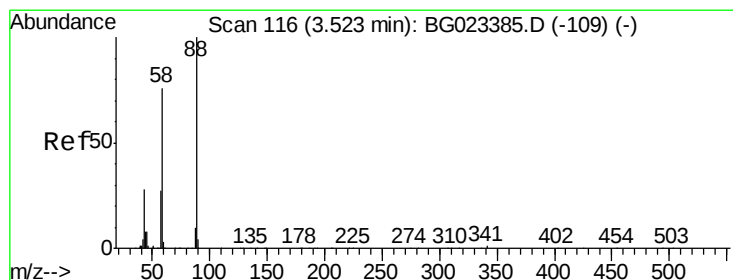
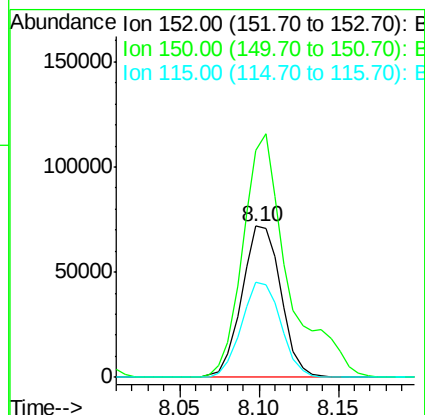
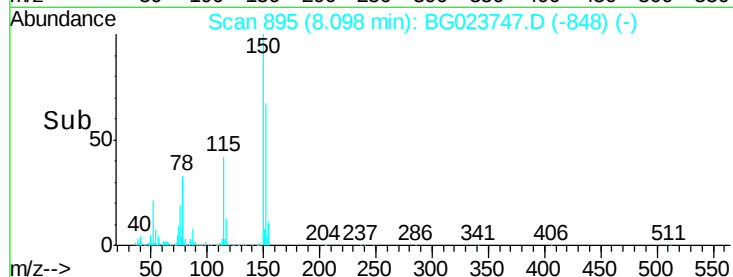
115 62.5 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.30 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

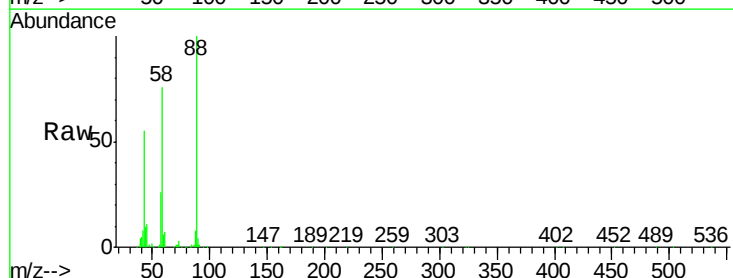
Tgt Ion: 88 Resp: 91144

Ion Ratio Lower Upper

88 100

58 79.1 60.4 90.6

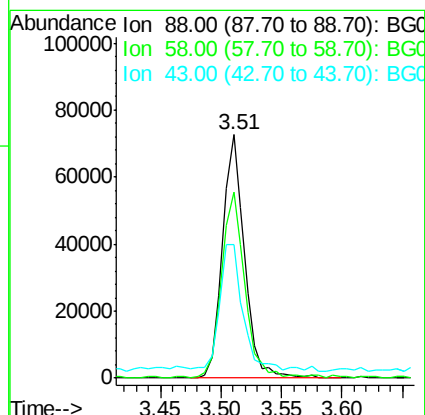
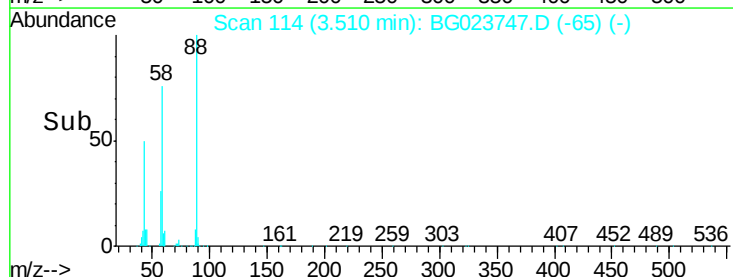
43 51.7 31.1 46.7#

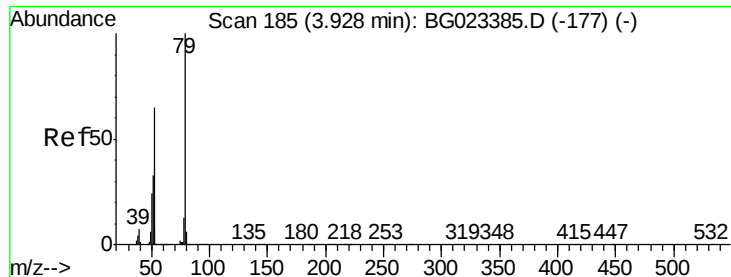


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.97 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

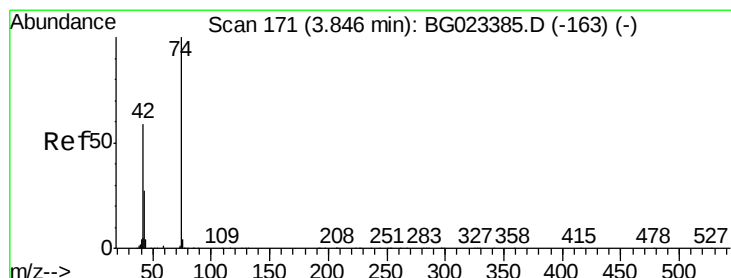
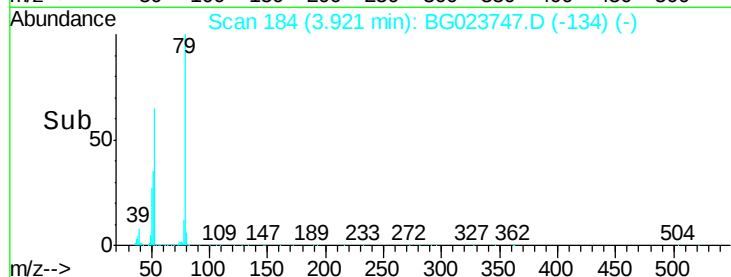
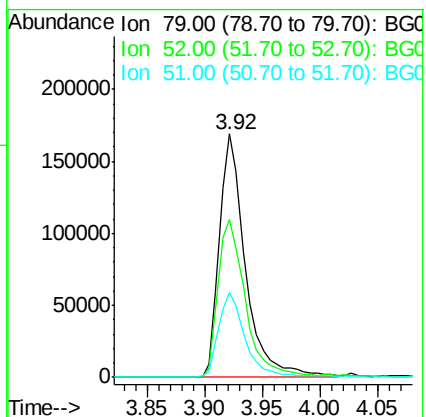
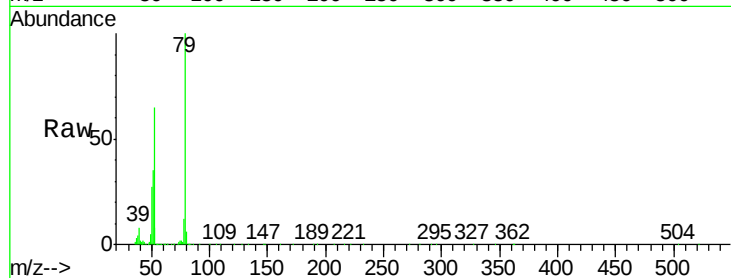
Tot Ion: 79 Resp: 265532

Ion Ratio Lower Upper

79 100

52 65.0 51.8 77.8

51 35.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 40.71 ng

RT: 3.83 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

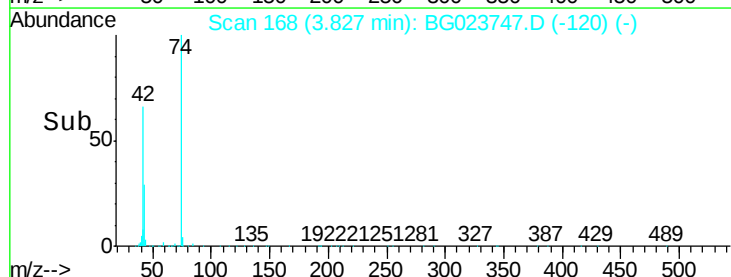
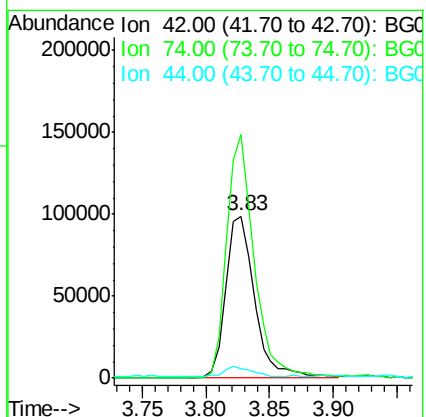
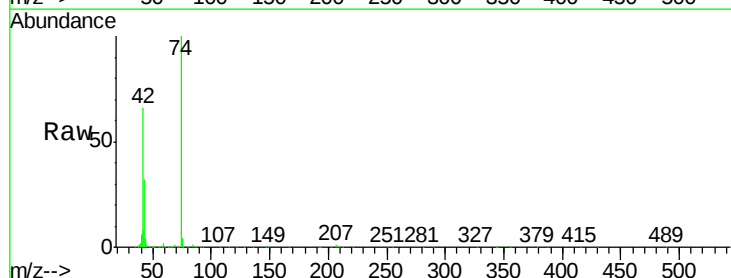
Tgt Ion: 42 Resp: 154283

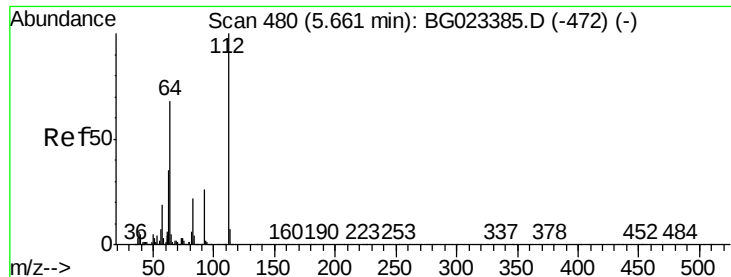
Ion Ratio Lower Upper

42 100

74 150.4 100.6 150.8

44 5.7 4.5 6.7





#5

2-Fluorophenol

Concen: 119.85 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

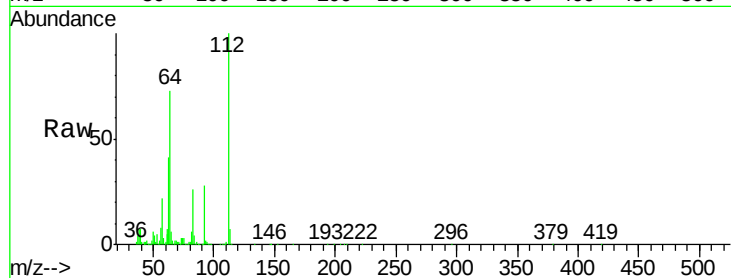
Tot Ion:112 Resp: 875043

Ion Ratio Lower Upper

112 100

64 73.0 59.0 88.4

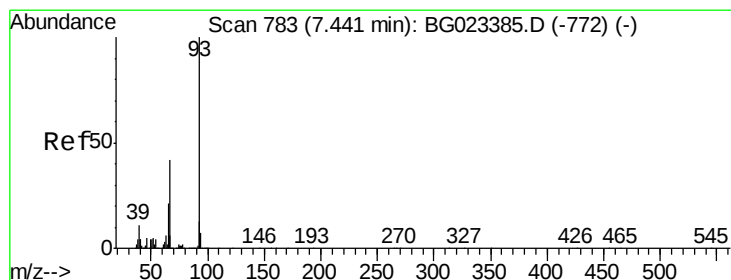
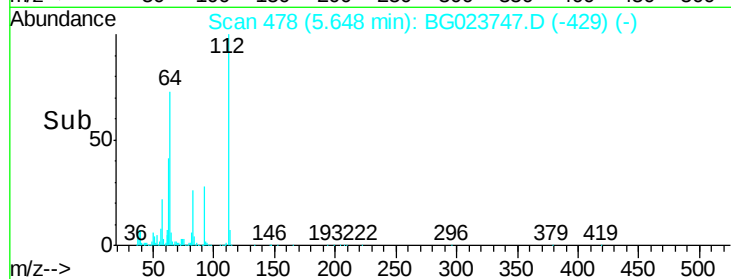
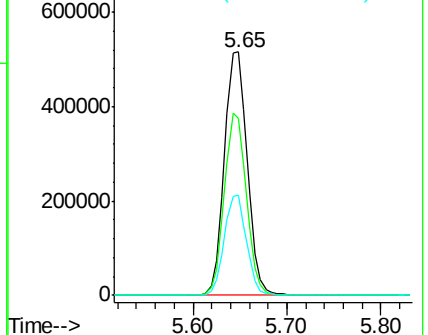
63 41.2 37.8 56.8



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: 19.48 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

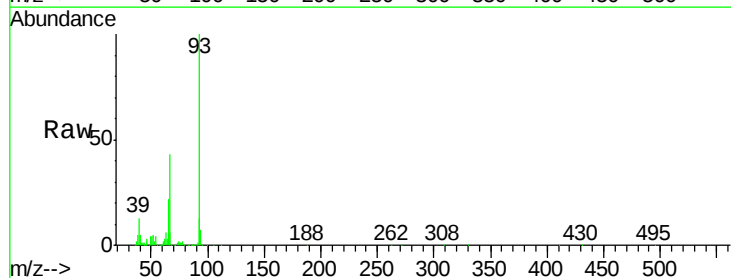
Tgt Ion: 93 Resp: 320138

Ion Ratio Lower Upper

93 100

66 43.4 37.5 56.3

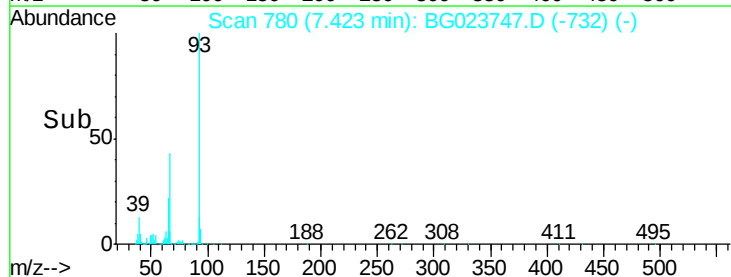
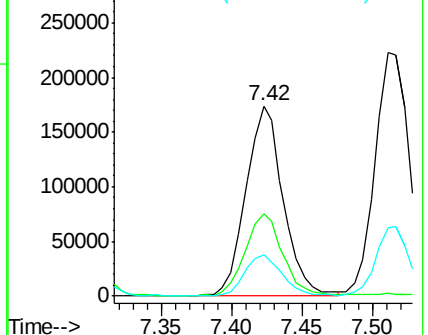
65 21.9 17.9 26.9

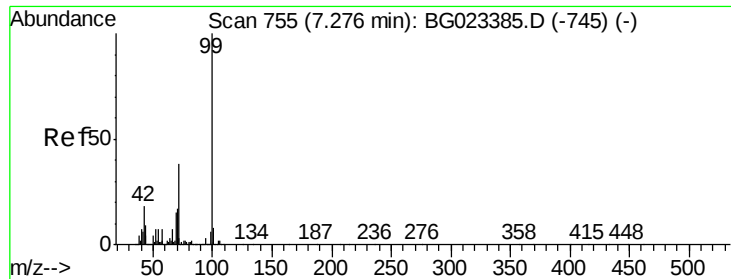


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.91 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

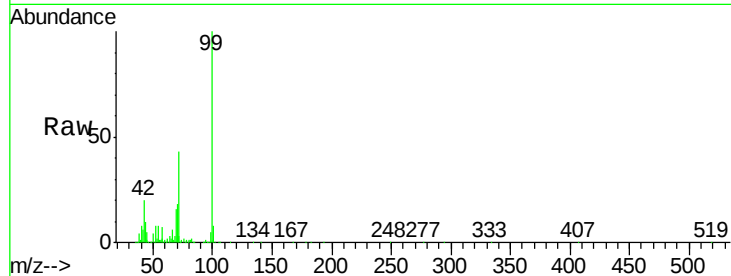
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1272632

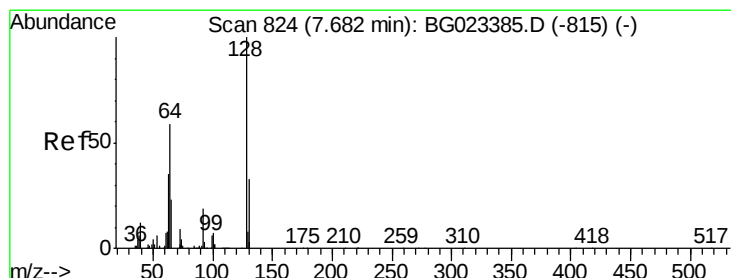
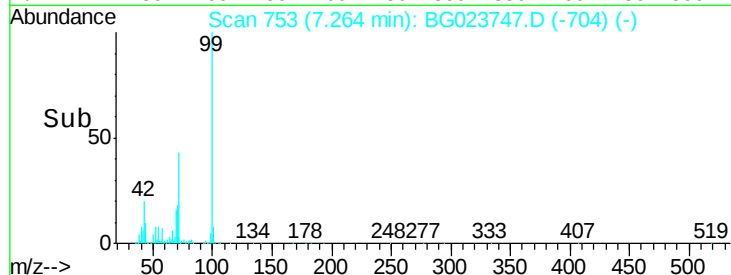
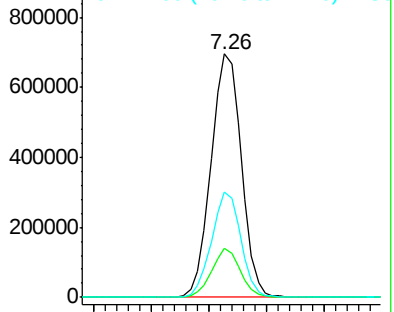
Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.8	26.6
71	43.2	41.5	62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.16 ng

RT: 7.66 min Scan# 821

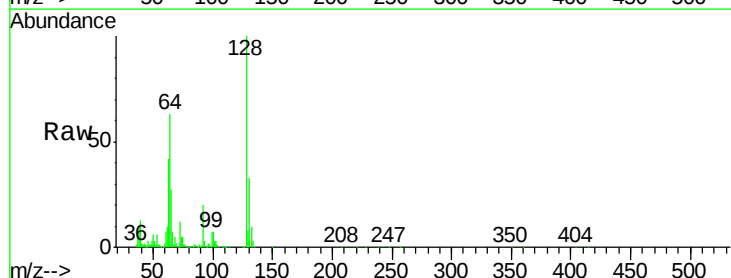
Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Tgt Ion: 128 Resp: 353608

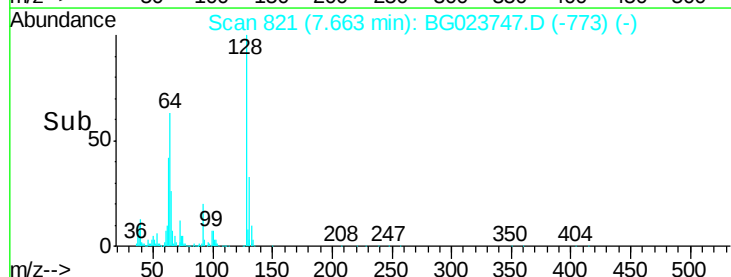
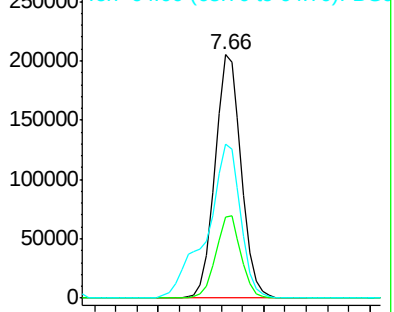
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	63.0	42.0	82.0

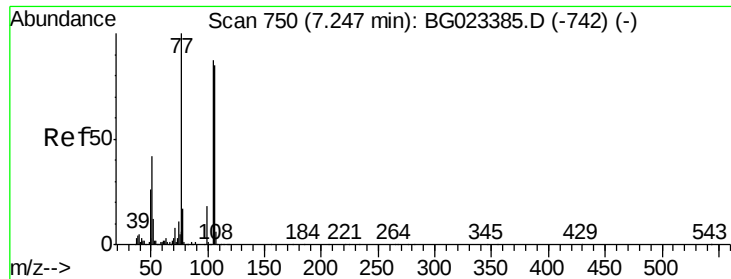


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

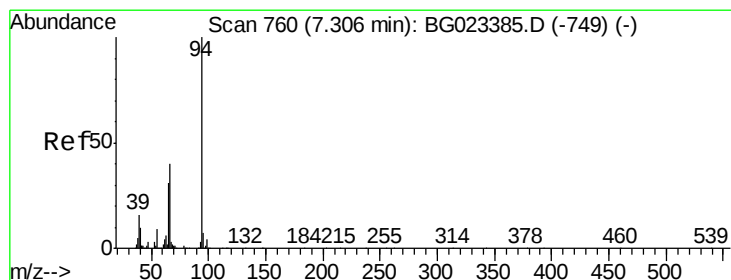
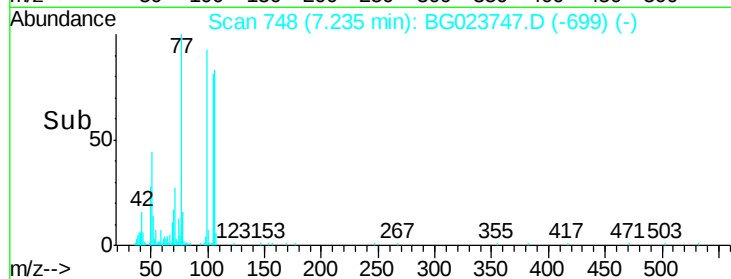
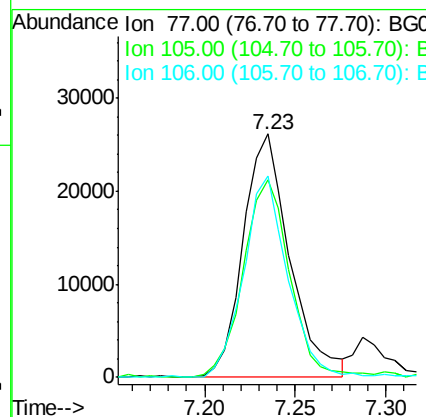
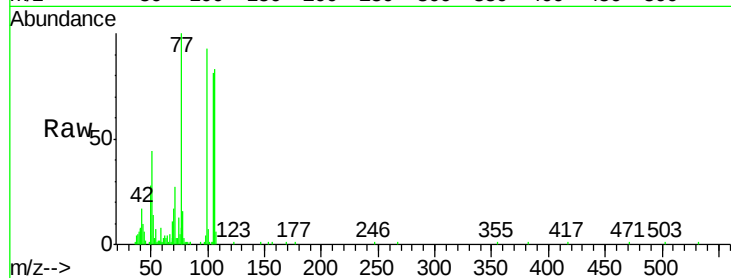




#9
Benzaldehyde
Concen: 4.92 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

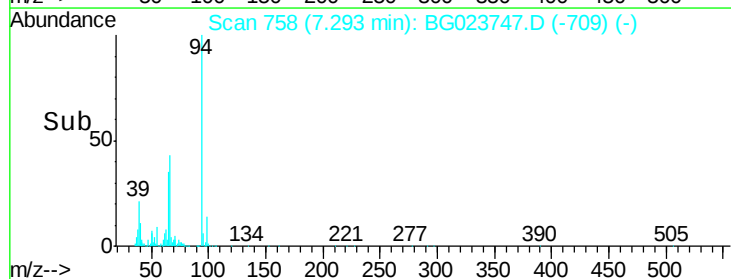
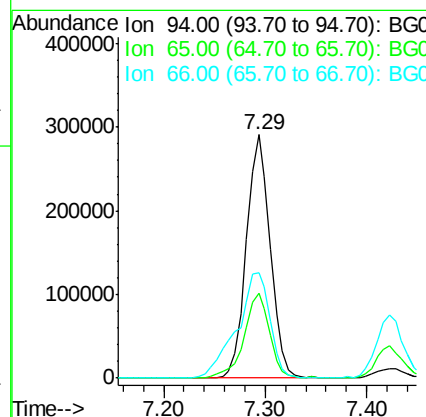
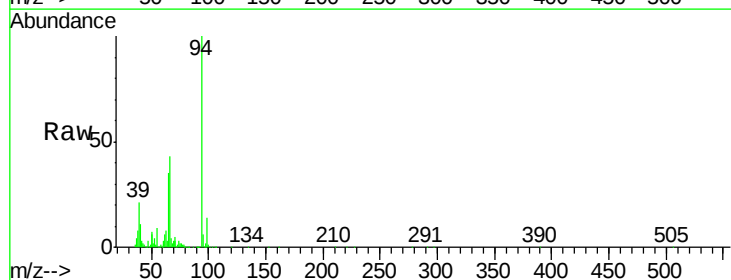
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 46955
Ion Ratio Lower Upper
77 100
105 81.0 58.7 98.7
106 82.6 67.5 107.5



#10
Phenol
Concen: 38.92 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 94 Resp: 473545
Ion Ratio Lower Upper
94 100
65 34.9 18.1 58.1
66 43.3 42.1 82.1

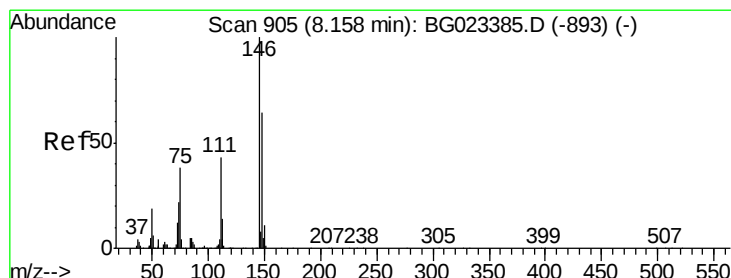
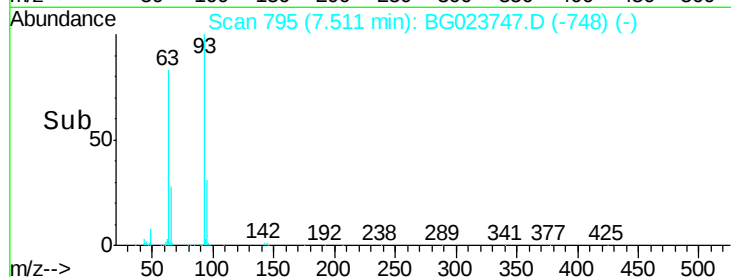
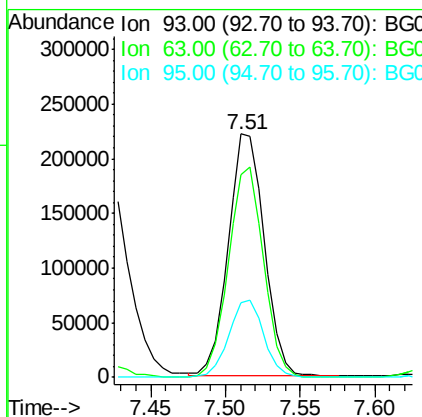
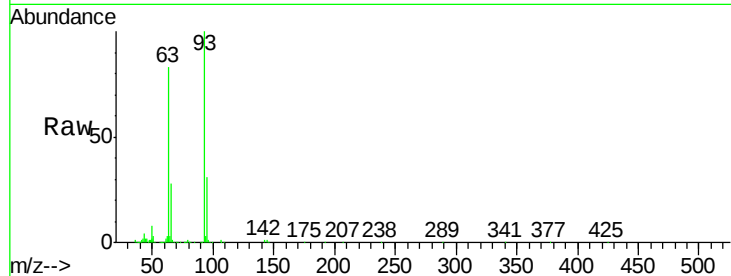




#11
bis(2-Chloroethyl)ether
Concen: 38.38 ng
RT: 7.51 min Scan# 795
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

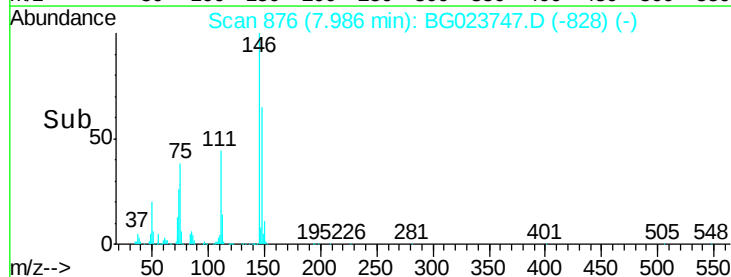
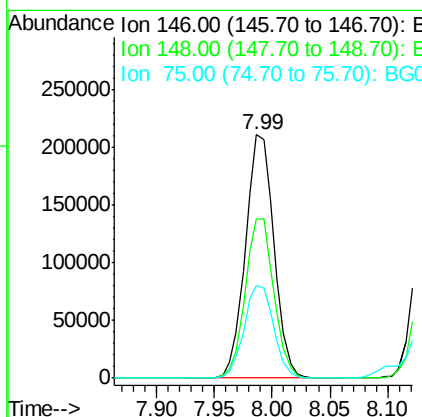
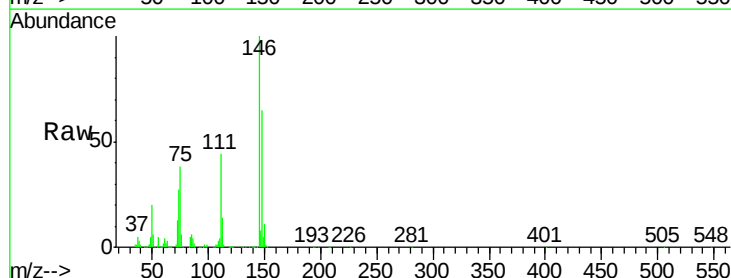
Instrument :
BNA_G
ClientSampleId :

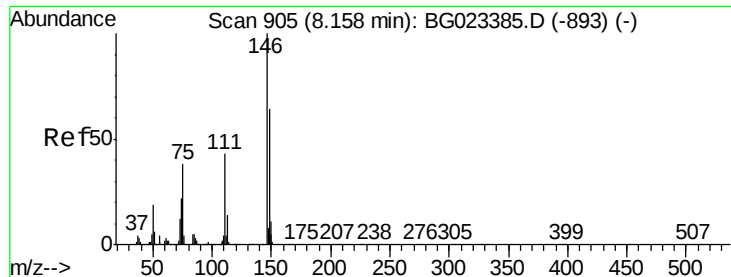
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.3	55.0	95.0
95	30.8	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.76 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.3	75.5
75	37.8	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 37.72 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

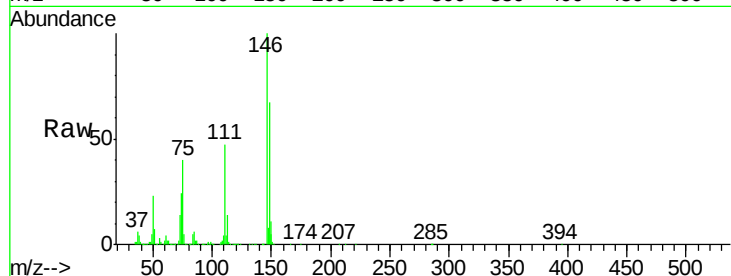
Tot Ion:146 Resp: 370845

Ion Ratio Lower Upper

146 100

148 67.3 54.5 81.7

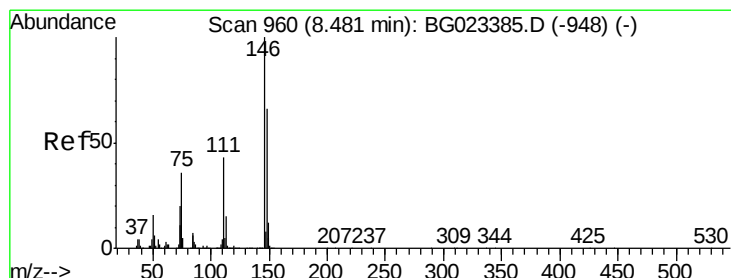
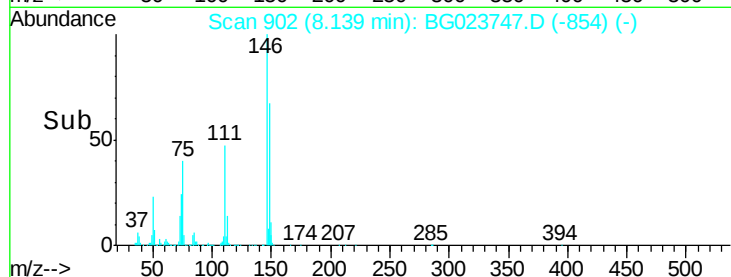
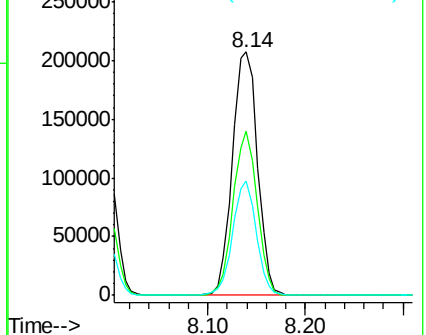
111 46.8 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.19 ng

RT: 8.46 min Scan# 957

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

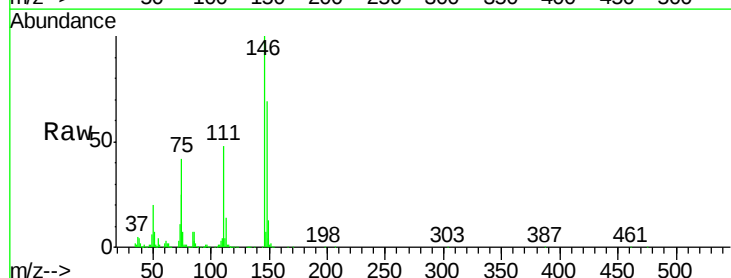
Tgt Ion:146 Resp: 358613

Ion Ratio Lower Upper

146 100

148 68.5 52.9 79.3

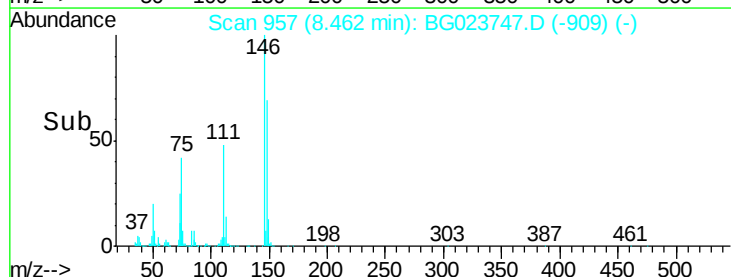
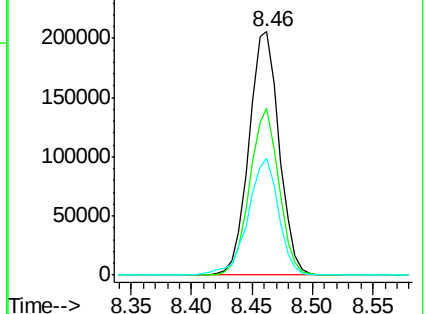
111 48.0 43.5 65.3

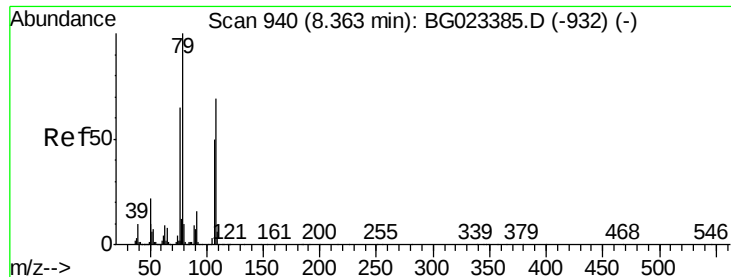


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.11 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

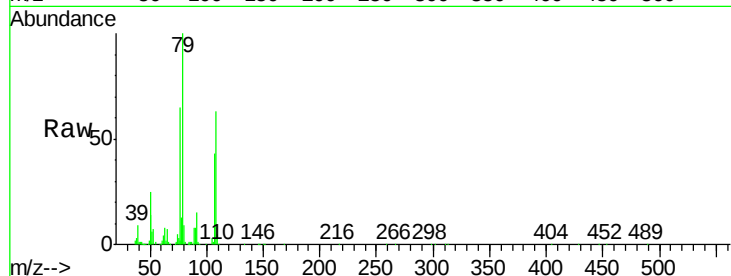
Tot Ion: 79 Resp: 431788

Ion Ratio Lower Upper

79 100

108 63.2 46.5 69.7

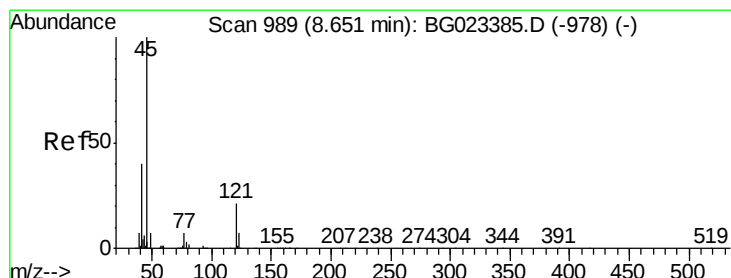
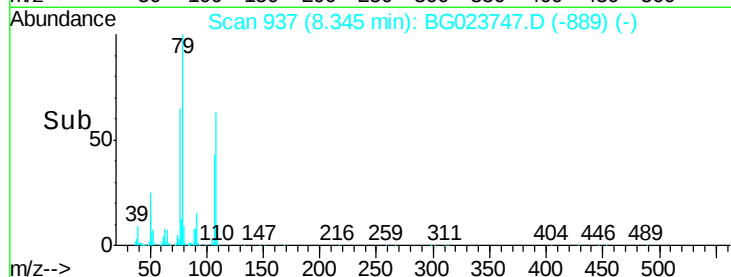
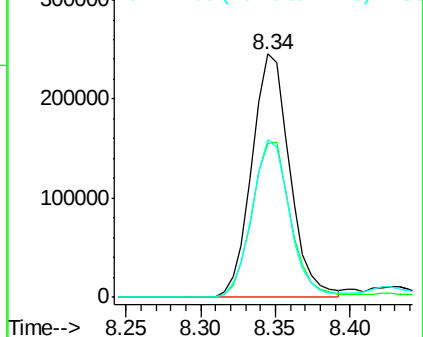
77 65.0 52.3 78.5



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: 37.20 ng

RT: 8.63 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

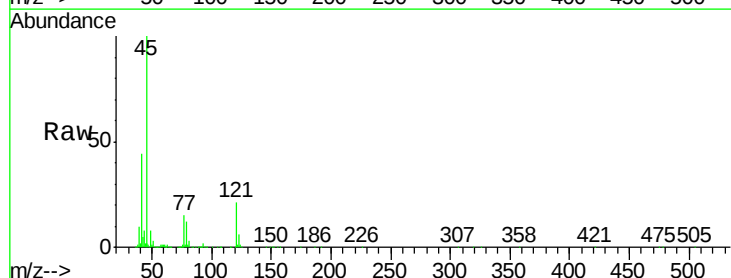
Tgt Ion: 45 Resp: 530981

Ion Ratio Lower Upper

45 100

77 15.2 0.6 40.6

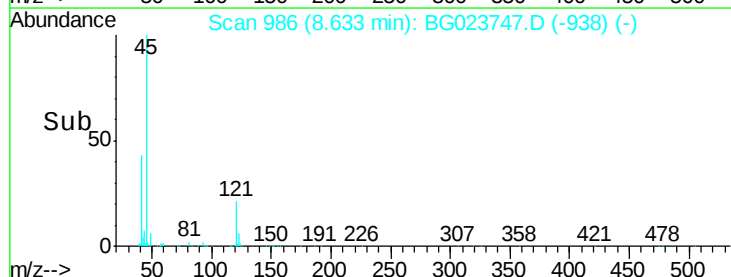
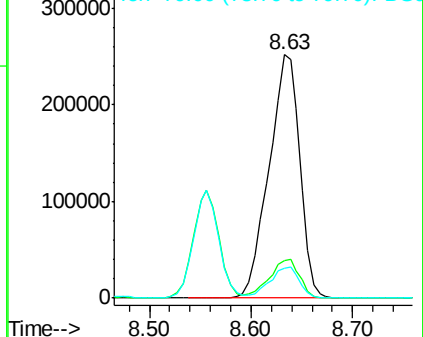
79 12.2 0.0 36.2

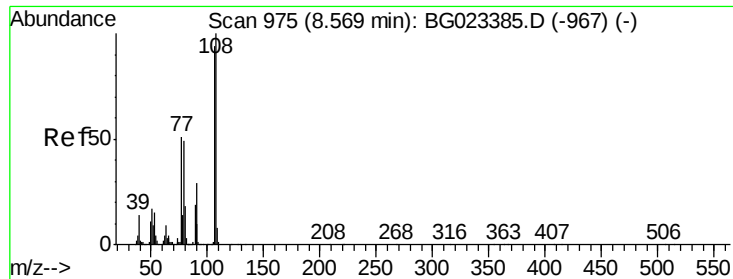


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.78 ng

RT: 8.56 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG023747.D

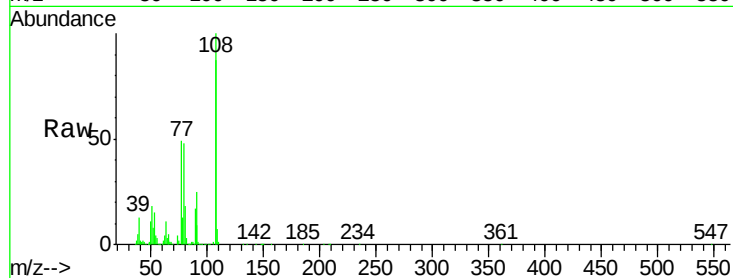
Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	340757
Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.0	138.0
77	55.9	55.8	83.6
79	55.4	55.0	82.6

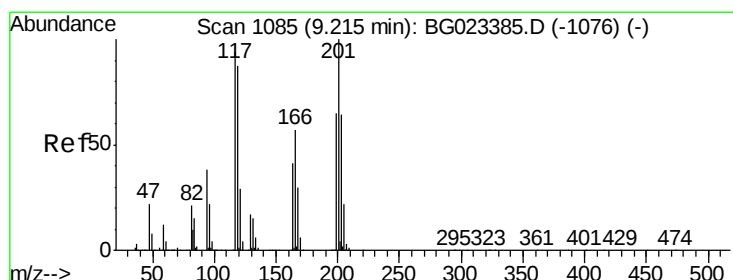
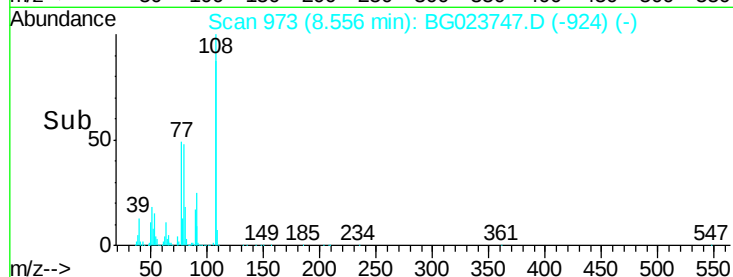
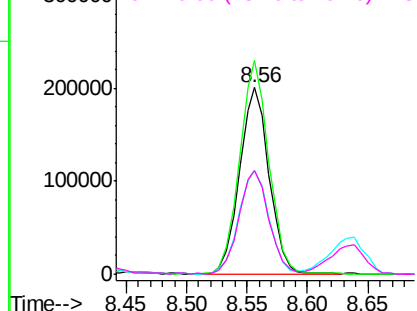


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.68 ng

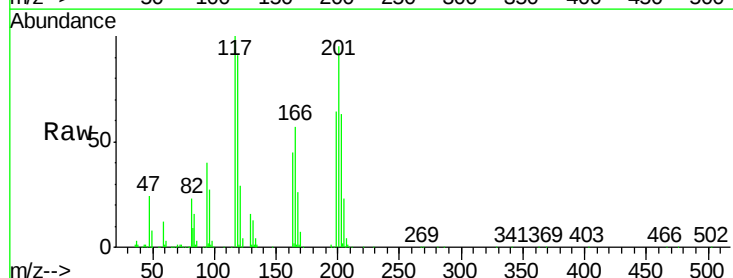
RT: 9.19 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

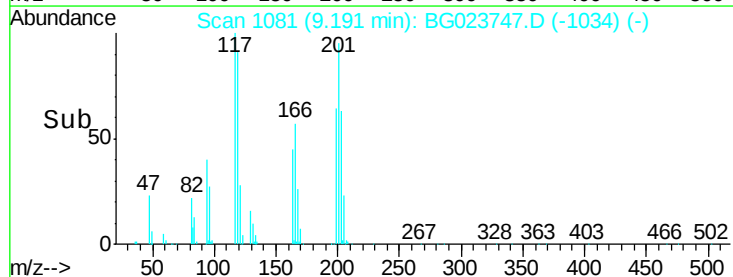
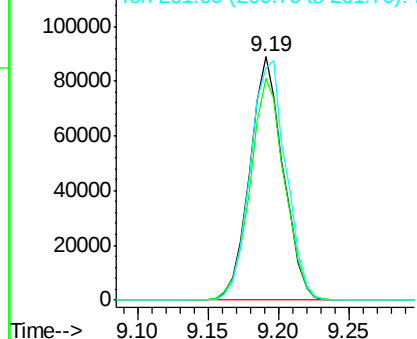
Tgt Ion:	117	Resp:	146842
Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.7	110.5
201	95.2	88.7	133.1

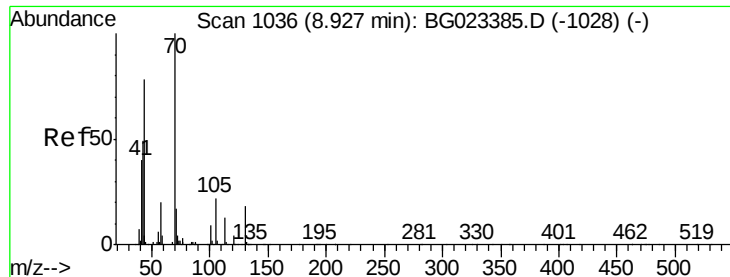


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

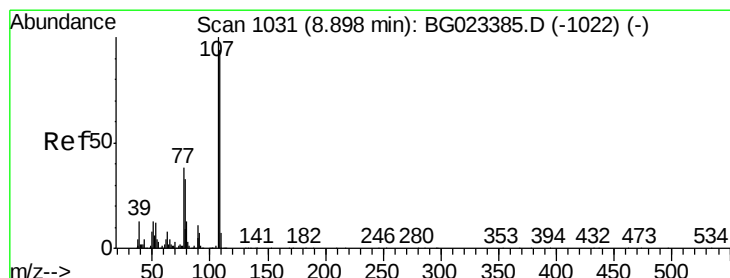
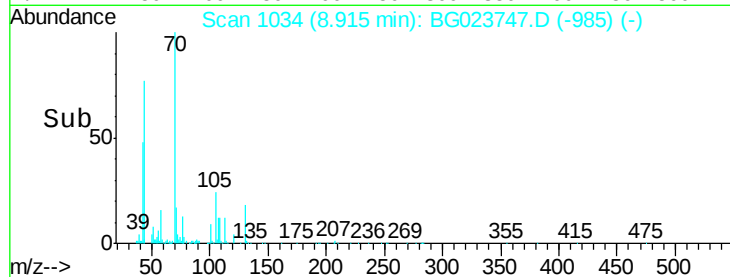
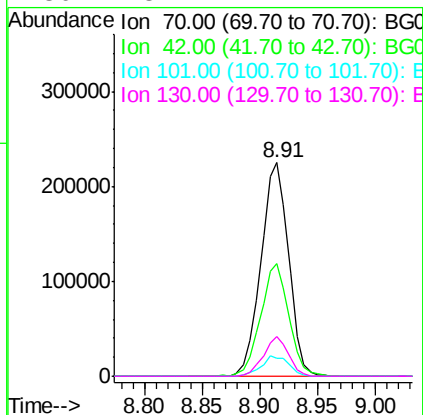
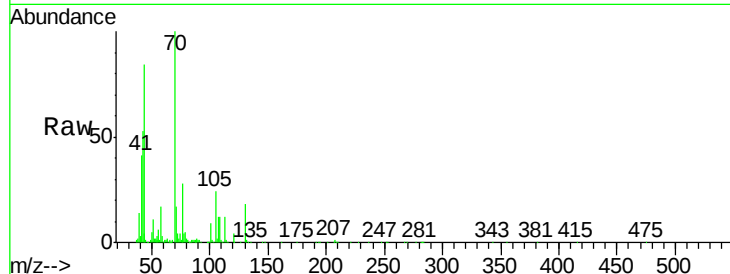




#19
n-Nitroso-di-n-propylamine
Concen: 38.42 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

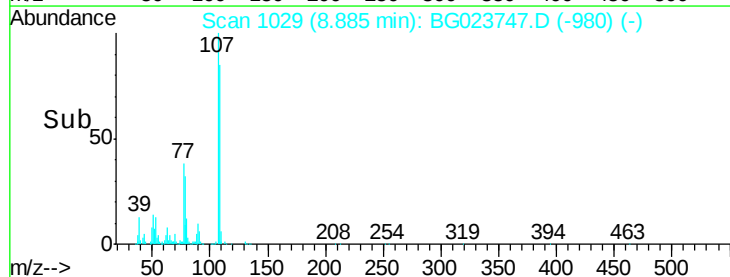
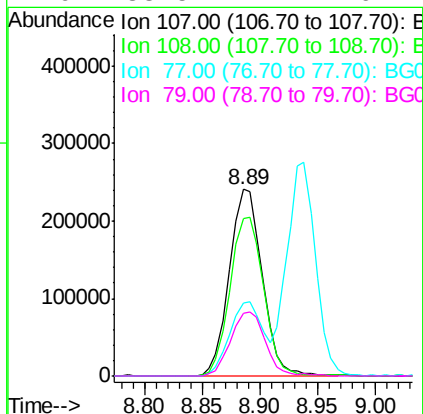
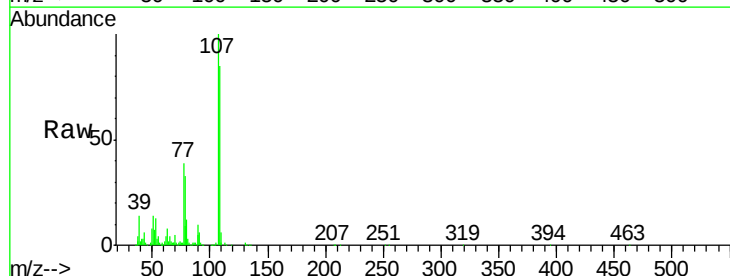
Instrument :
BNA_G
ClientSampleId :

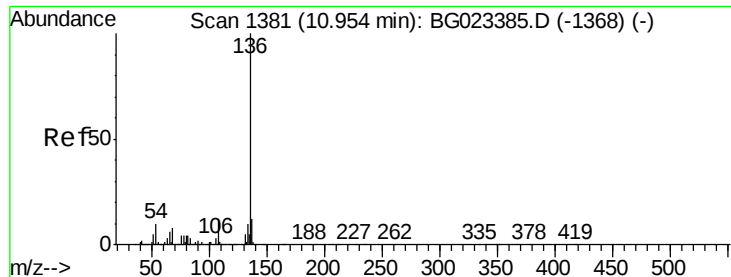
Tot Ion:	70	Resp:	375774
Ion	Ratio	Lower	Upper
70	100		
42	52.6	42.1	63.1
101	8.7	7.2	10.8
130	18.4	14.2	21.2



#20
3+4-Methylphenols
Concen: 41.55 ng
RT: 8.89 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:	107	Resp:	477771
Ion	Ratio	Lower	Upper
107	100		
108	84.7	72.5	112.5
77	39.2	30.1	70.1
79	33.5	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 553757

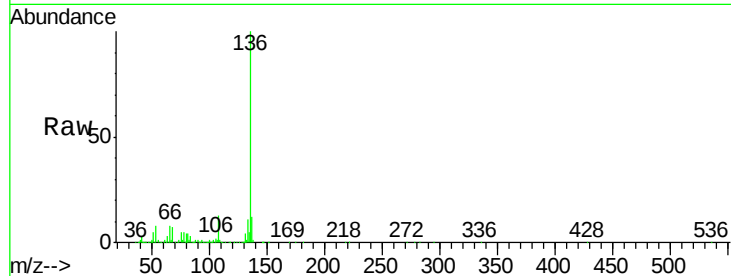
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 8.2 7.3 10.9

68 6.9 5.3 7.9

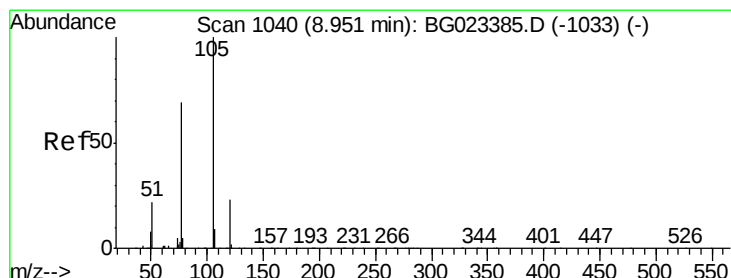
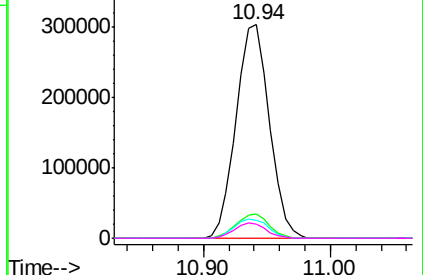
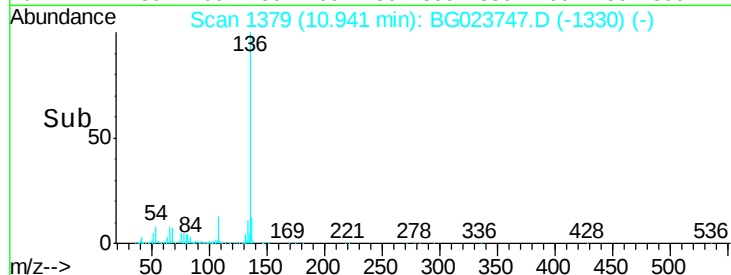


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.14 ng

RT: 8.94 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Tgt Ion:105 Resp: 547992

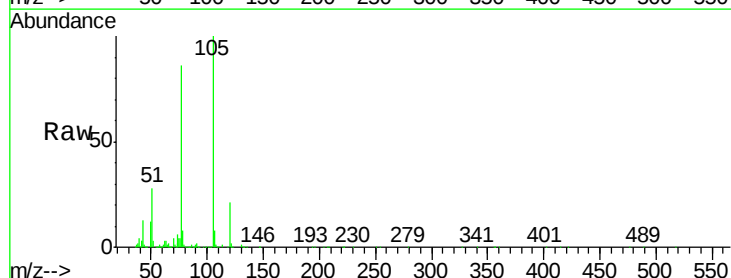
Ion Ratio Lower Upper

105 100

71 0.7 2.6 3.8#

51 28.0 27.1 40.7

120 20.8 15.1 22.7

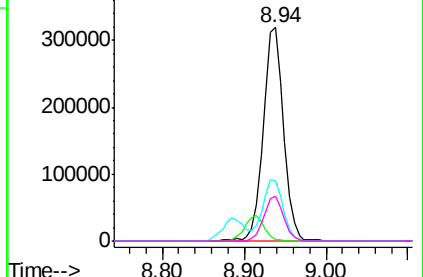
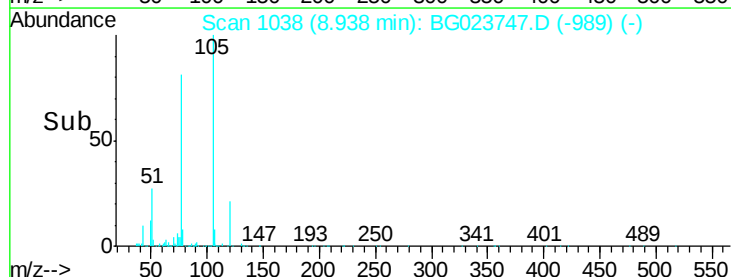


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

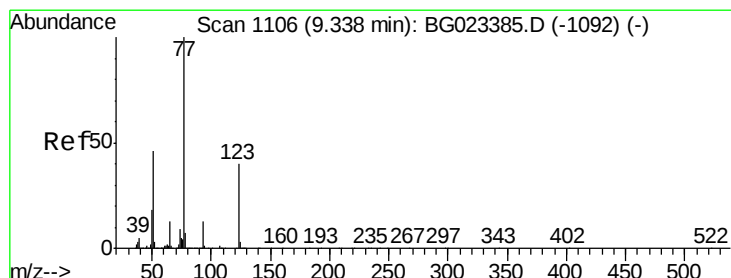
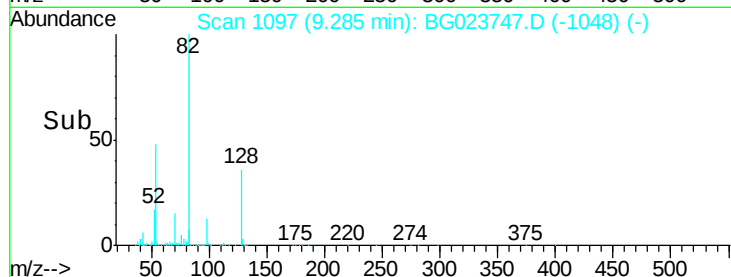
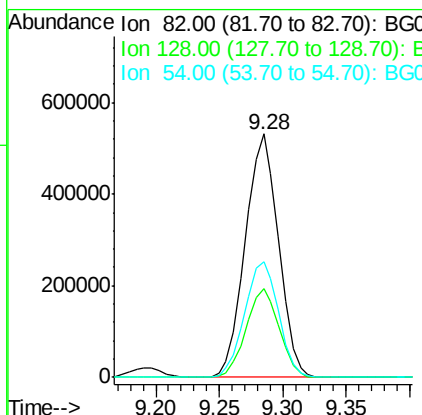
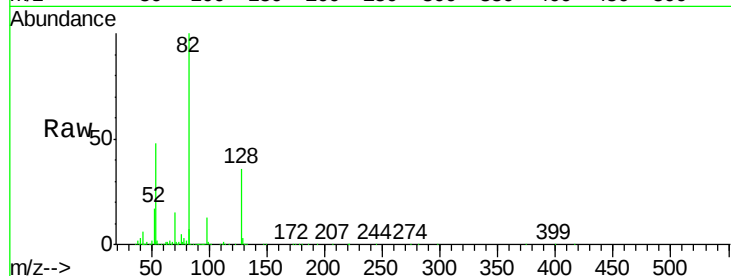




#23
 Nitrobenzene-d5
 Concen: 86.83 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

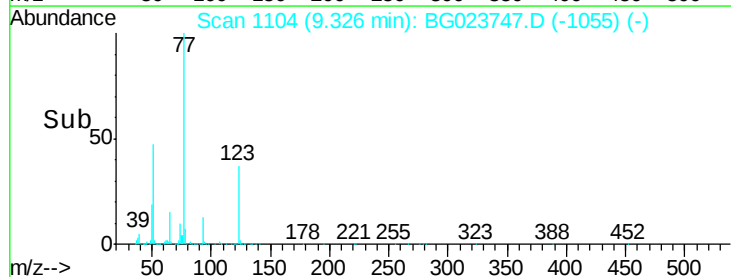
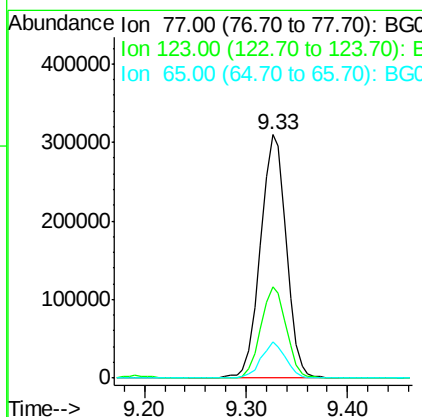
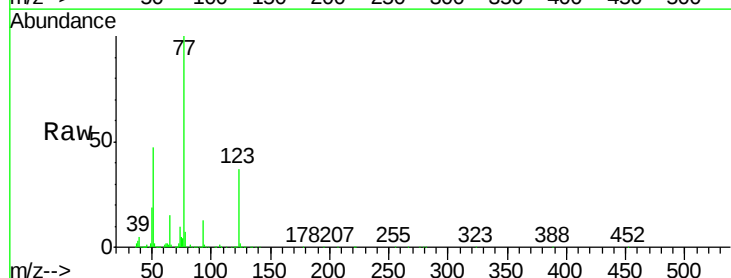
Instrument :
 BNA_G
 ClientSampleId :

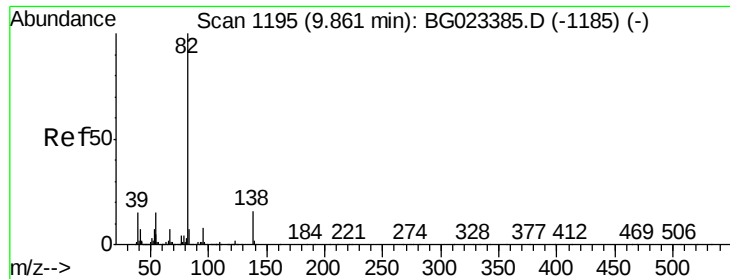
Tot Ion	82	Resp	967112
Ion Ratio	Lower	Upper	
82	100		
128	36.4	24.4	36.6
54	47.7	41.4	62.0



#24
 Nitrobenzene
 Concen: 44.22 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion	77	Resp	545430
Ion Ratio	Lower	Upper	
77	100		
123	37.3	25.0	37.6
65	14.7	13.4	20.0

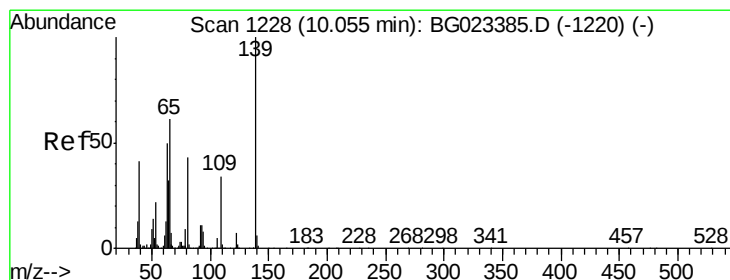
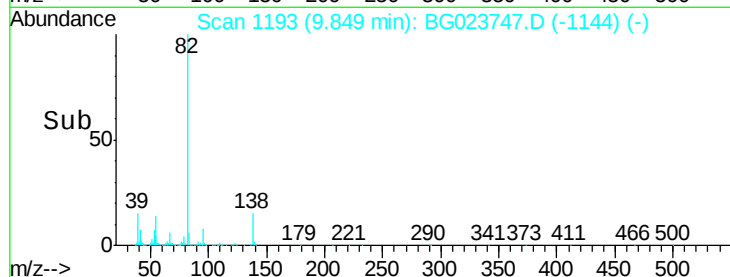
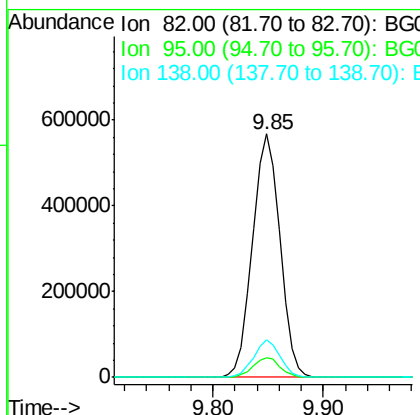
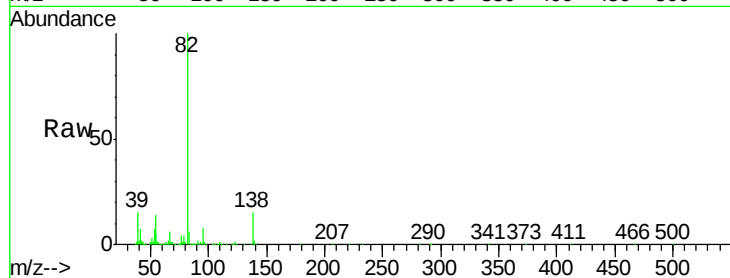




#25
Isophorone
Concen: 42.83 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

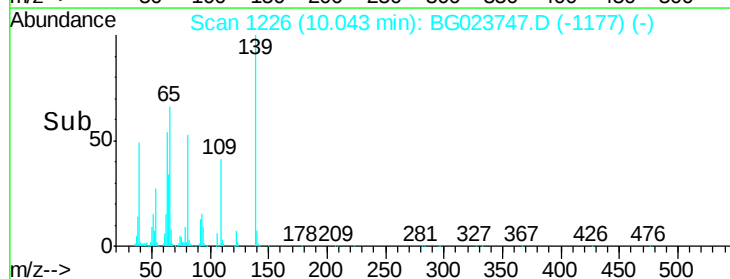
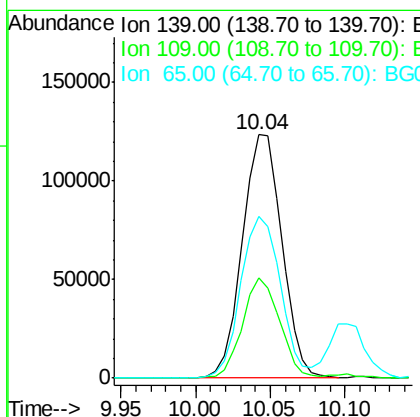
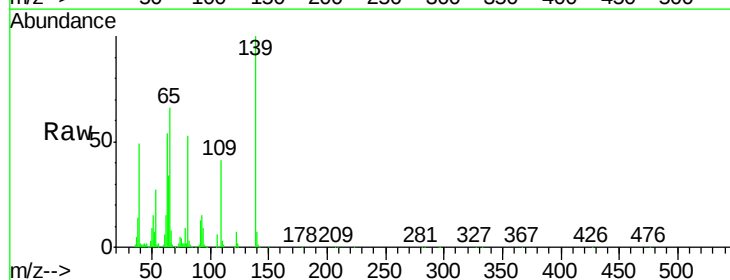
Instrument :
BNA_G
ClientSampleId :

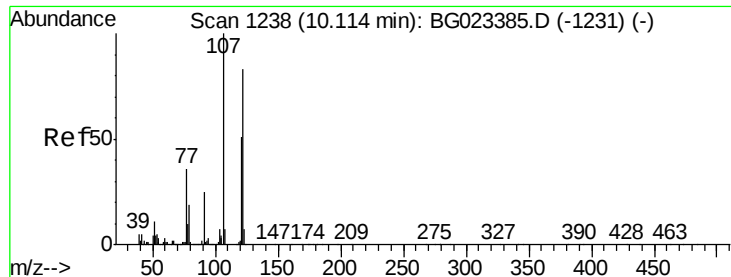
Tot Ion	82	Resp	993648
Ion Ratio	Lower	Upper	
82	100		
95	7.9	8.2	12.2#
138	15.3	10.7	16.1



#26
2-Nitrophenol
Concen: 43.56 ng
RT: 10.04 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion	139	Resp	226764
Ion Ratio	Lower	Upper	
139	100		
109	41.0	43.5	65.3#
65	66.4	64.3	96.5

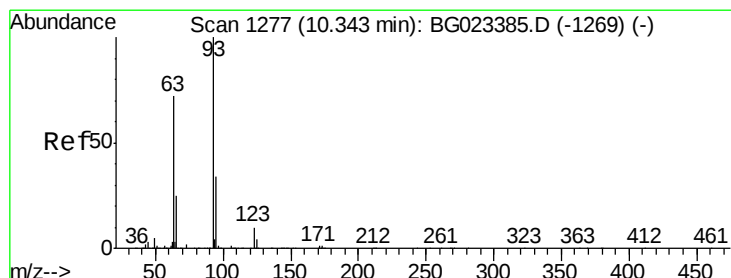
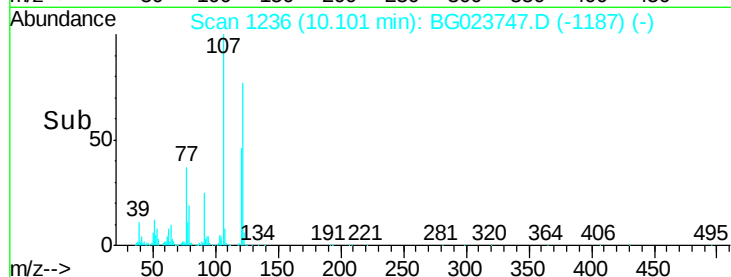
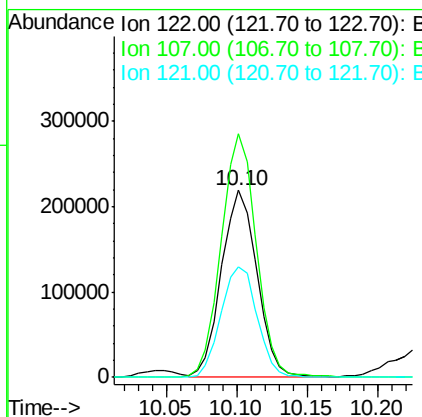
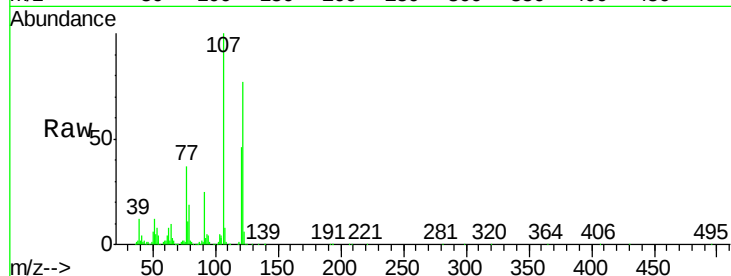




#27
2,4-Dimethylphenol
Concen: 43.10 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

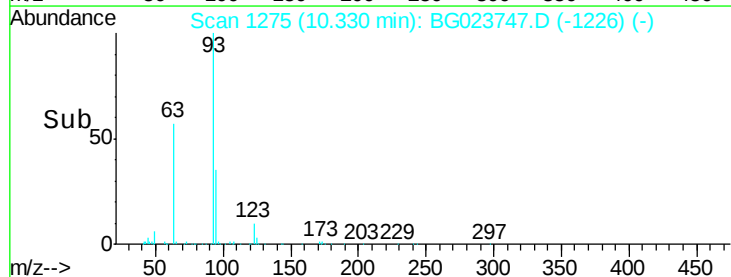
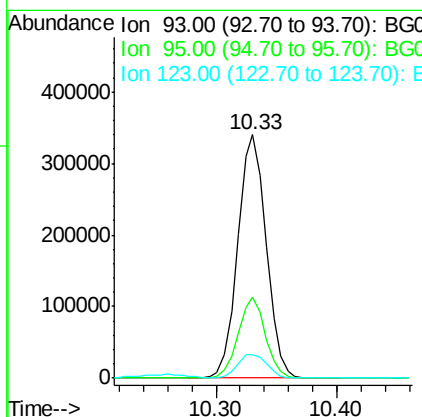
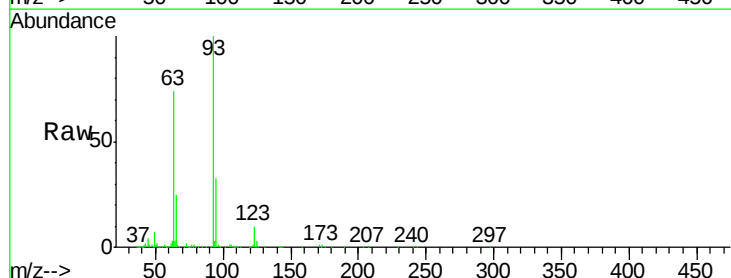
Instrument :
BNA_G
ClientSampleId :

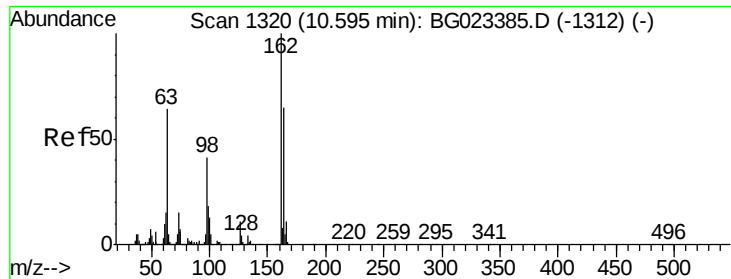
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.1	117.0	175.4
121	59.4	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.06 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.2
123	9.9	8.2	12.2

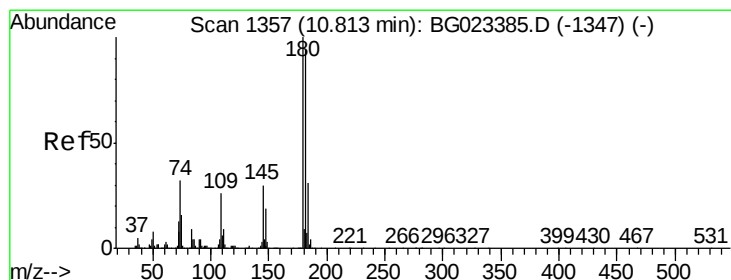
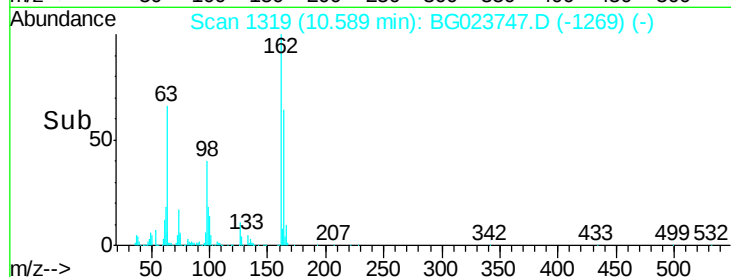
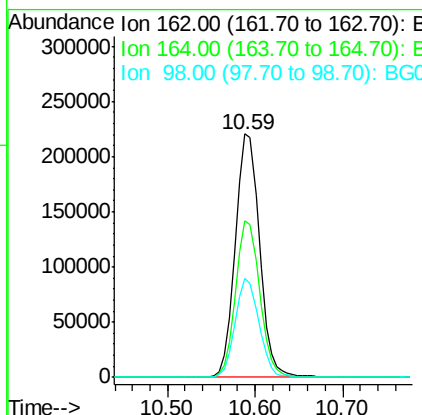
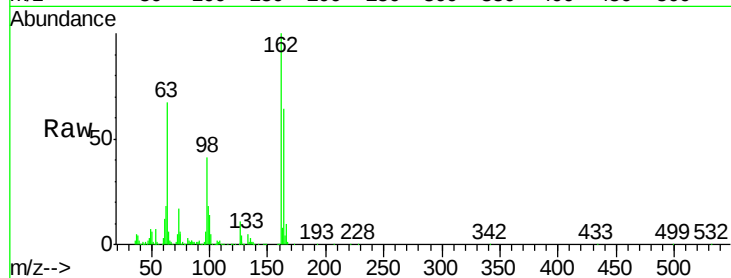




#29
 2,4-Dichlorophenol
 Concen: 46.18 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

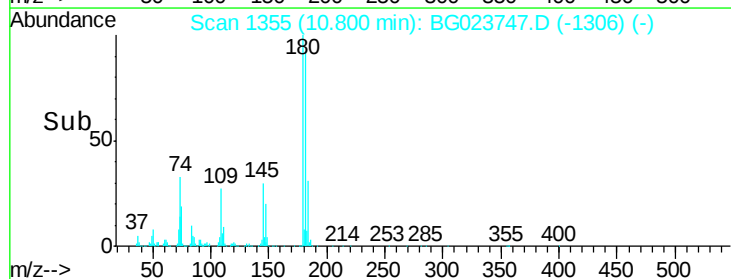
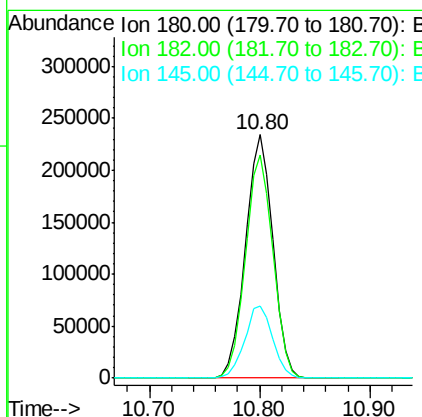
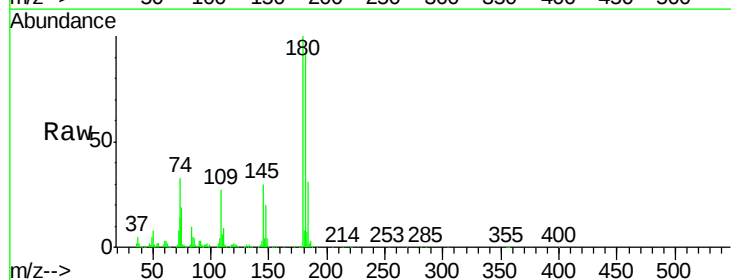
Instrument :
 BNA_G
 ClientSampled :

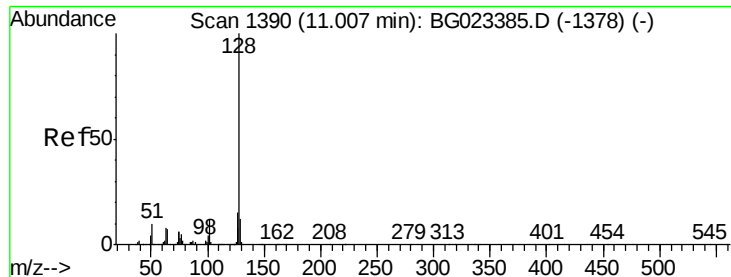
Tot Ion:162	Resp:	411606
Ion Ratio	Lower	Upper
162	100	
164	64.3	44.3 84.3
98	40.7	19.5 59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion:180	Resp:	409141
Ion Ratio	Lower	Upper
180	100	
182	91.6	73.8 110.8
145	29.9	24.4 36.6

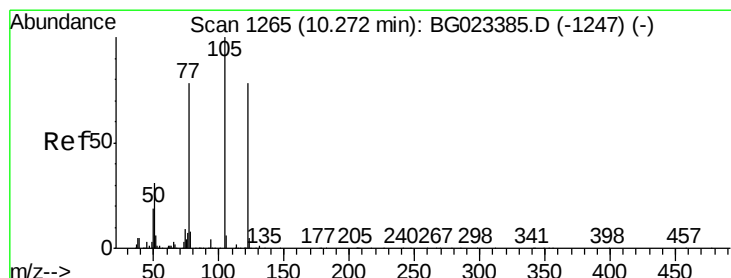
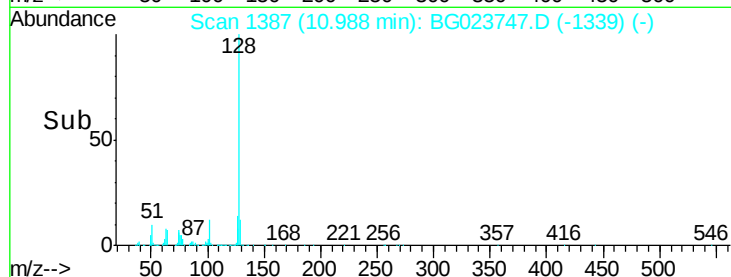
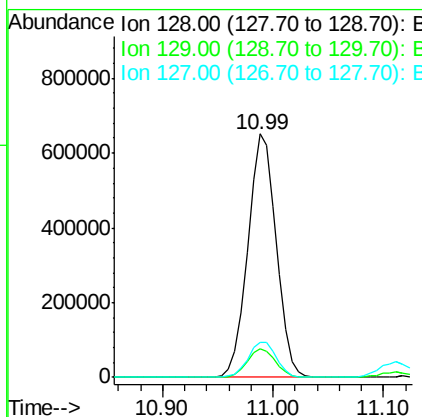
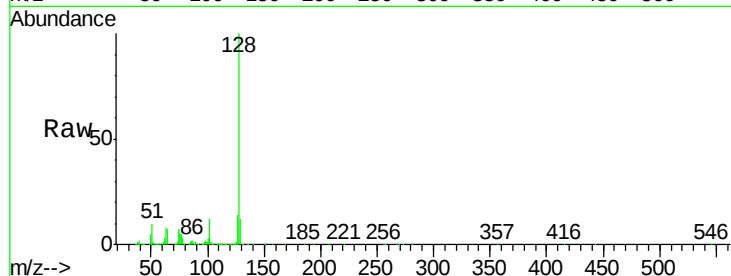




#31
Naphthalene
Concen: 41.58 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

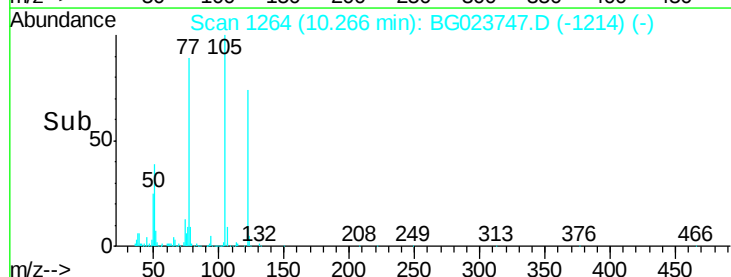
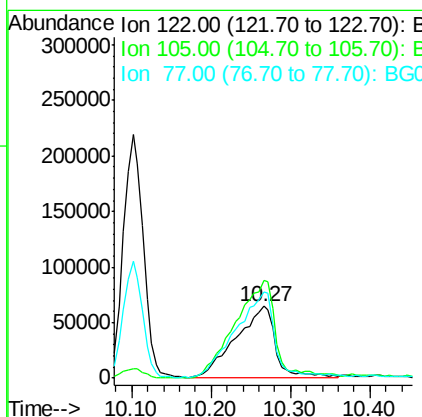
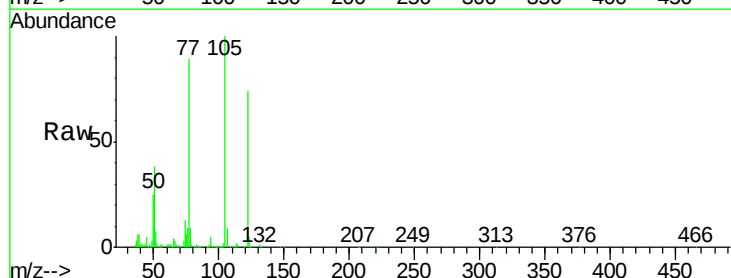
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1172486
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 14.4 11.3 16.9



#32
Benzoic acid
Concen: 30.08 ng
RT: 10.27 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:122 Resp: 222800
Ion Ratio Lower Upper
122 100
105 136.0 117.2 157.2
77 120.5 109.2 149.2

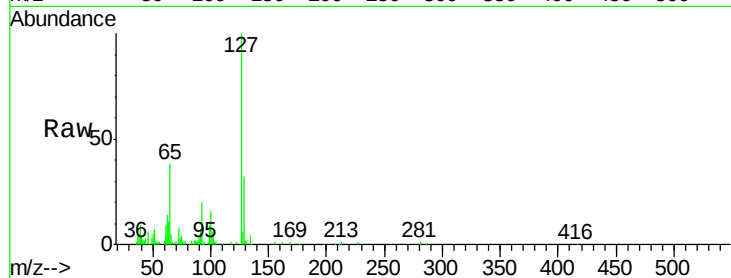




#33
4-Chloroaniline
Concen: 7.16 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.9	41.9
65	38.0	36.8	55.2
92	19.6	21.0	31.6



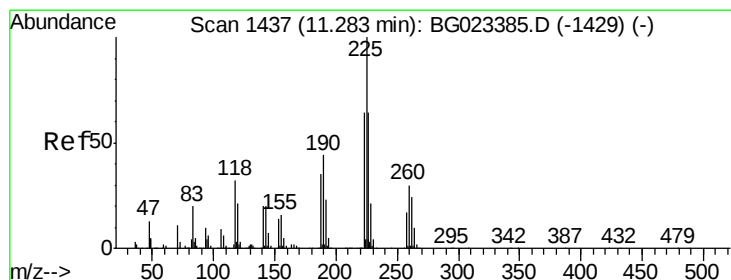
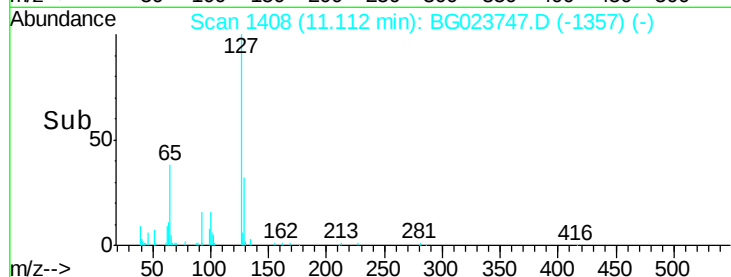
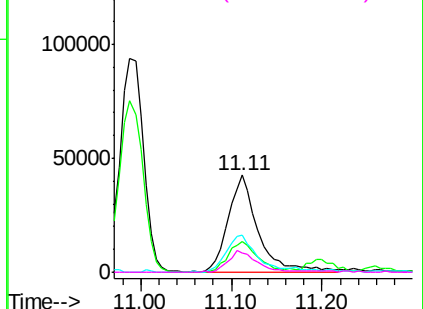
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

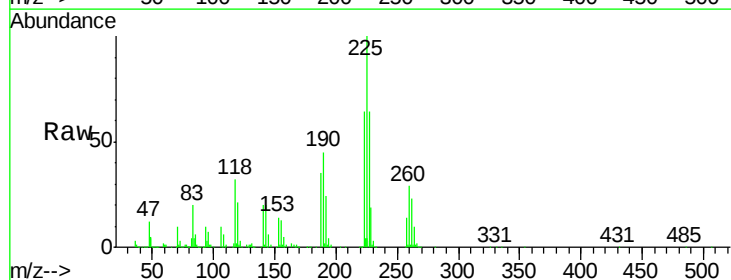
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.72 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	64.5	54.5	81.7

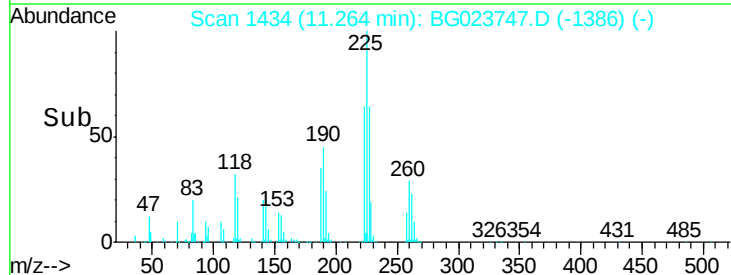
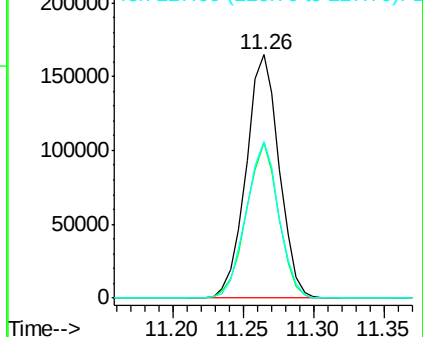


Abundance

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

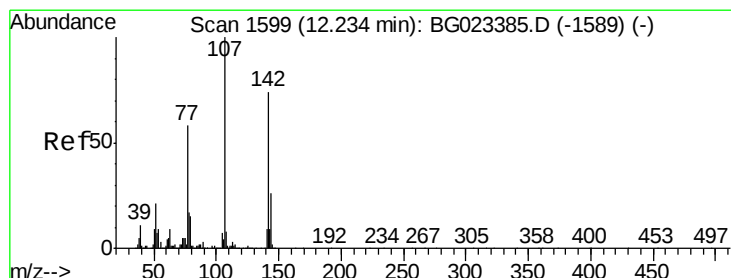
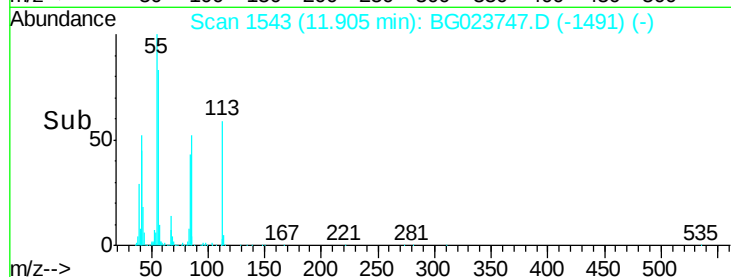
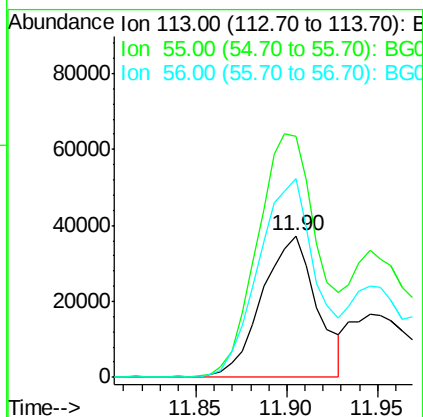
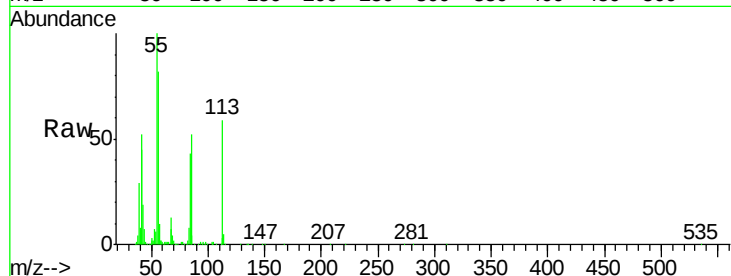




#35
 Caprolactam
 Concen: 20.94 ng
 RT: 11.90 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

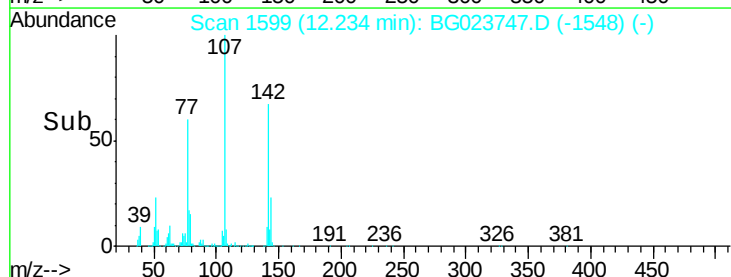
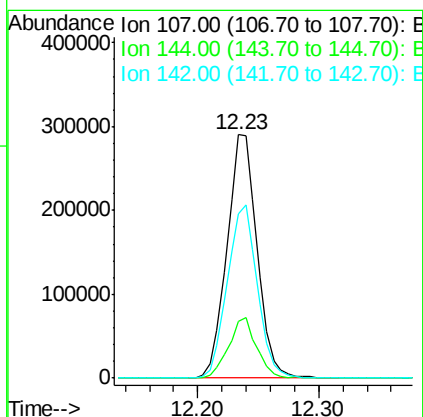
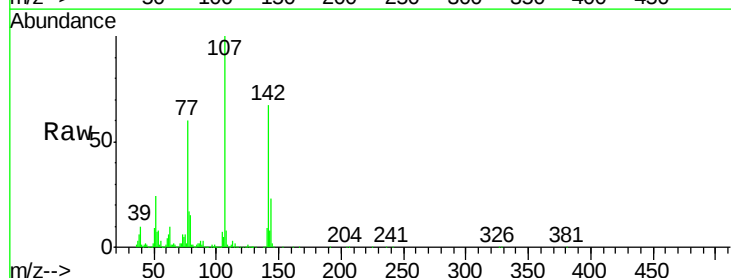
Instrument :
 BNA_G
 ClientSampleId :

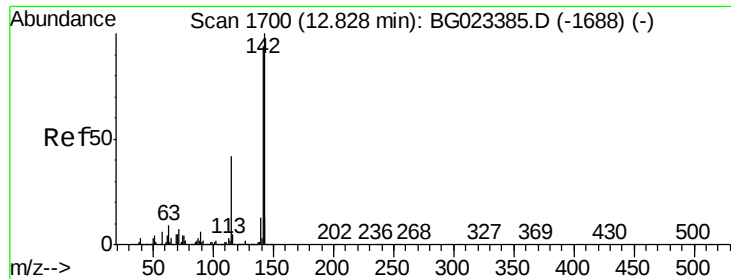
Tot Ion:113 Resp: 78524
 Ion Ratio Lower Upper
 113 100
 55 170.2 154.5 194.5
 56 140.2 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.98 ng
 RT: 12.23 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion:107 Resp: 503270
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.0 25.6
 142 67.2 53.0 79.6

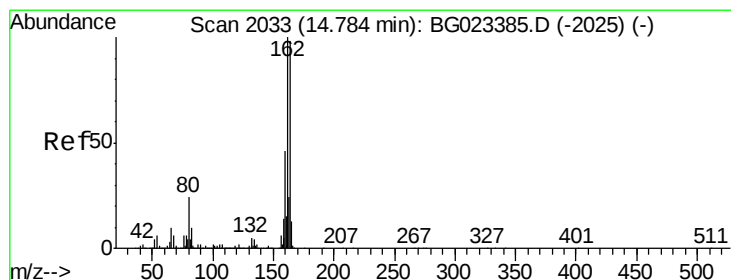
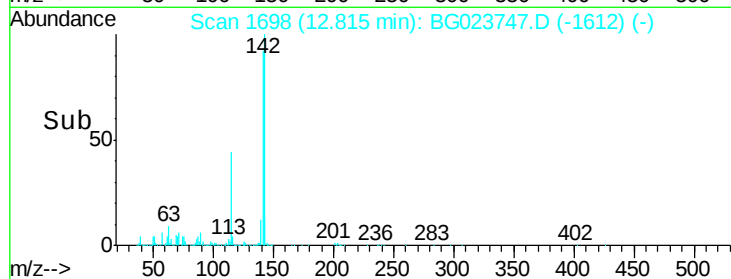
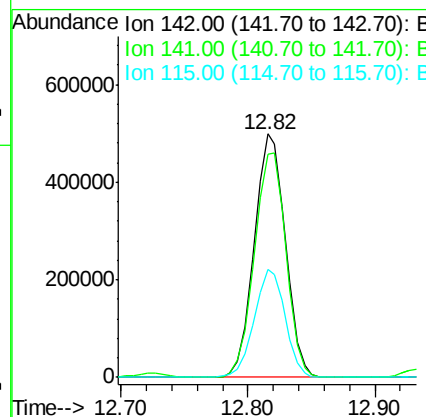
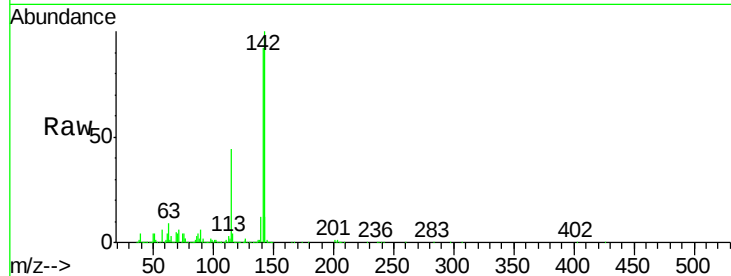




#37
 2-Methylnaphthalene
 Concen: 39.79 ng
 RT: 12.82 min Scan# 1698
 Delta R.T. 0.20 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

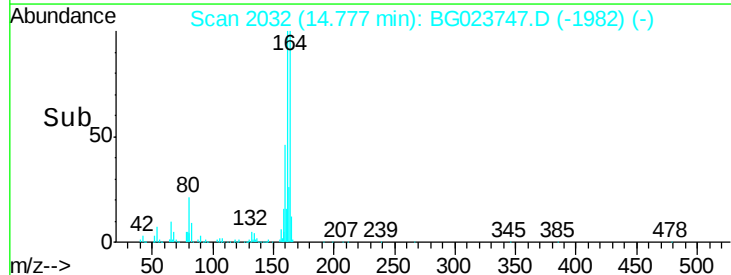
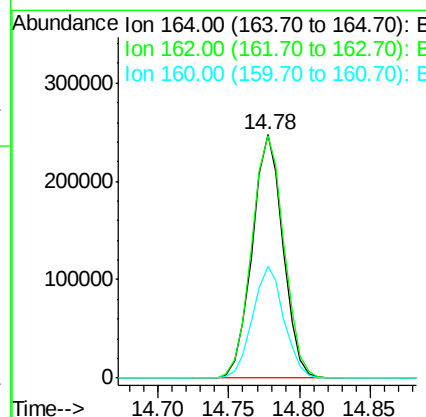
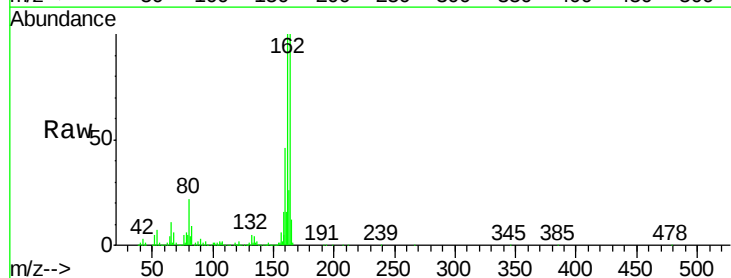
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.2	105.2
115	44.4	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	87.7	131.5
160	46.1	37.2	55.8

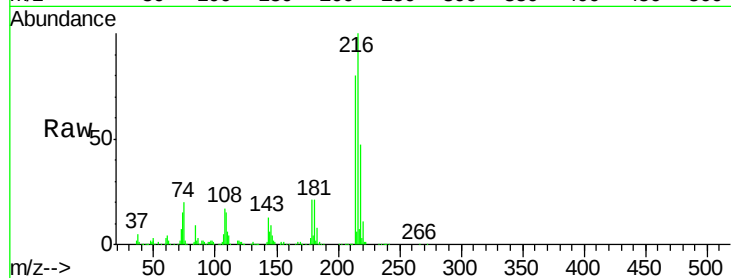




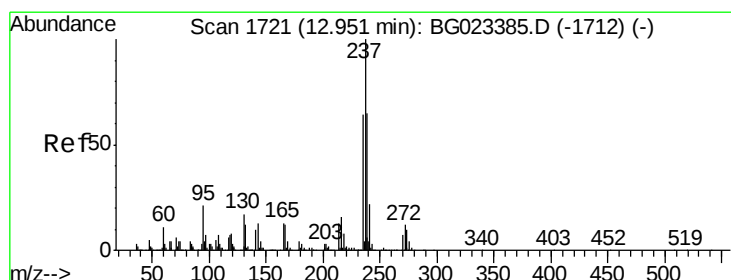
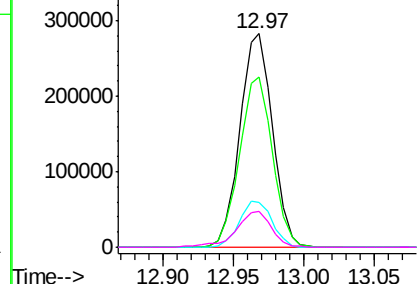
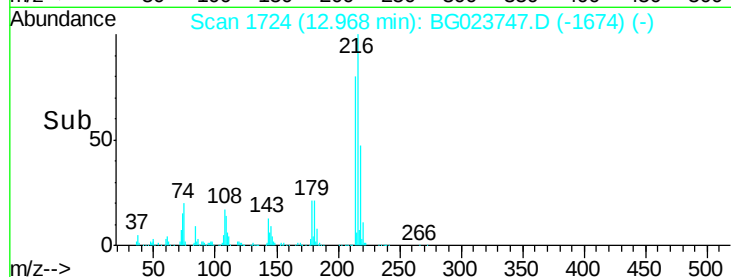
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.09 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	454249
Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.9	94.3
179	21.9	17.2	25.8
108	18.3	16.3	24.5

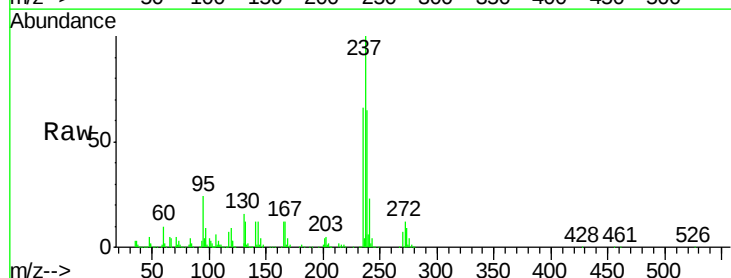


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

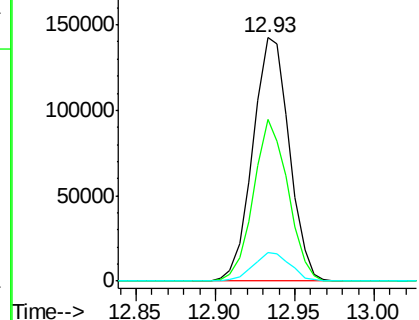
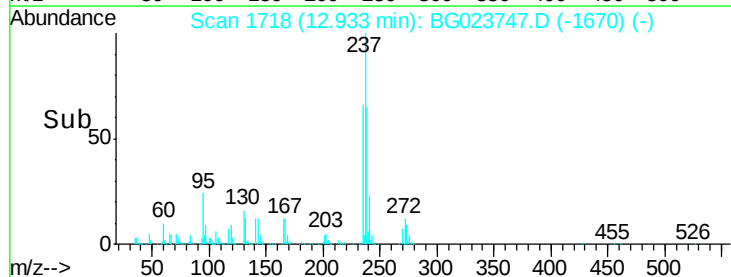


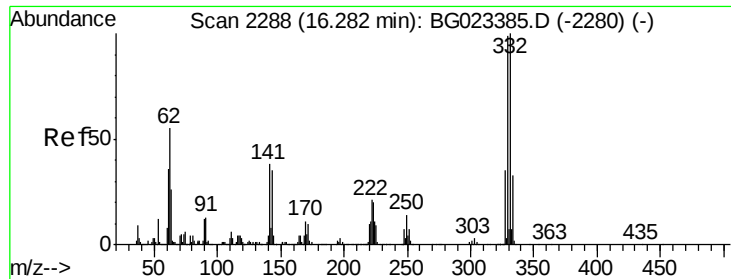
#40
 Hexachlorocyclopentadiene
 Concen: 32.84 ng
 RT: 12.93 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion:	237	Resp:	227339
Ion	Ratio	Lower	Upper
237	100		
235	66.5	43.1	83.1
272	11.7	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

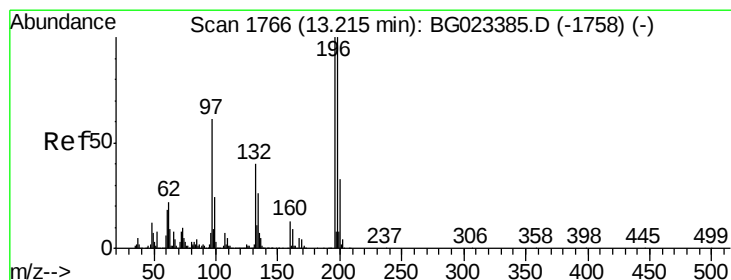
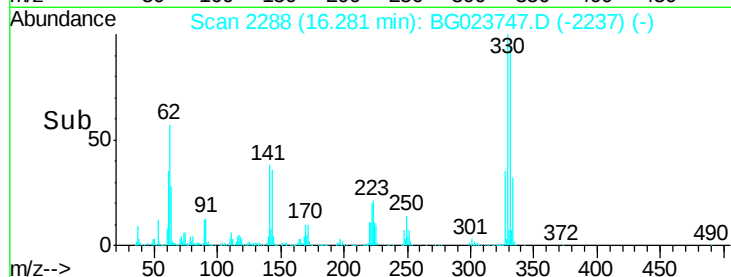
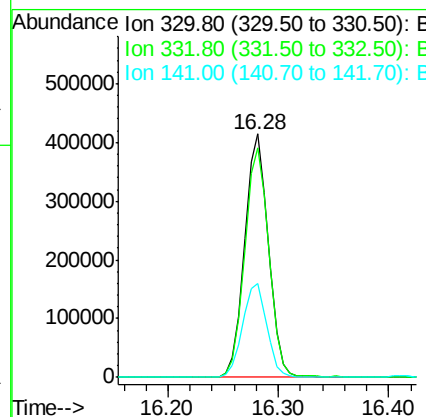
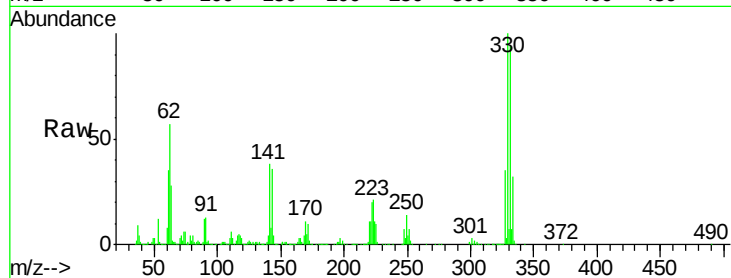




#41
 2,4,6-Tribromophenol
 Concen: 113.51 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

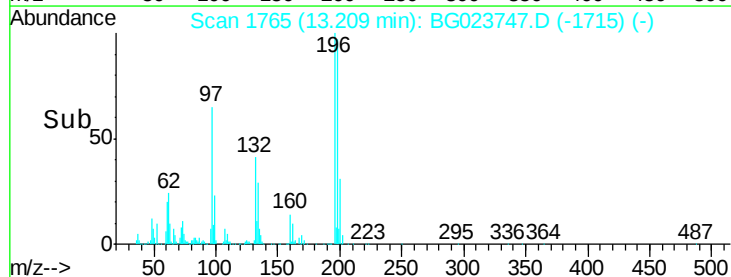
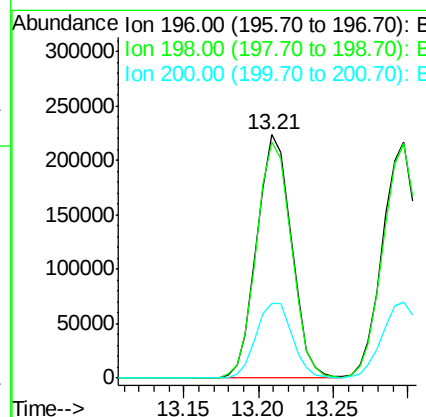
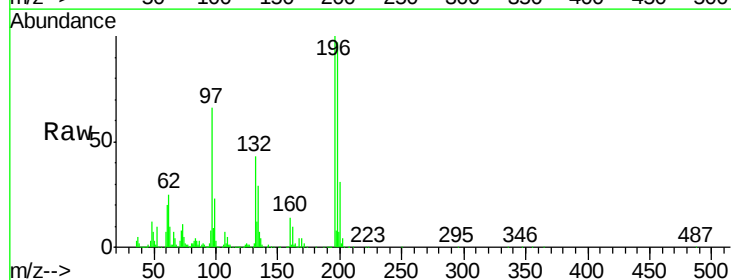
Instrument :
 BNA_G
 ClientSampled :

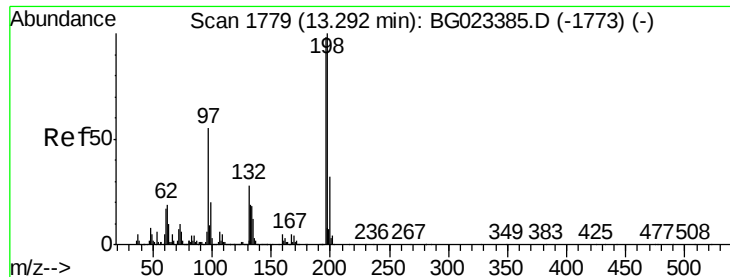
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	39.3	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 43.94 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.2	117.2
200	30.7	27.0	40.4

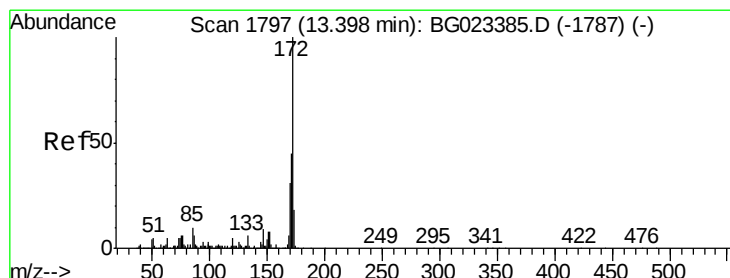
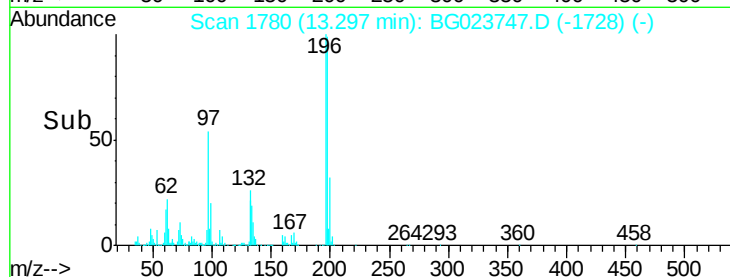
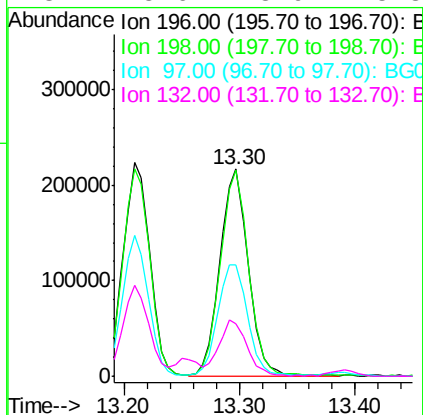
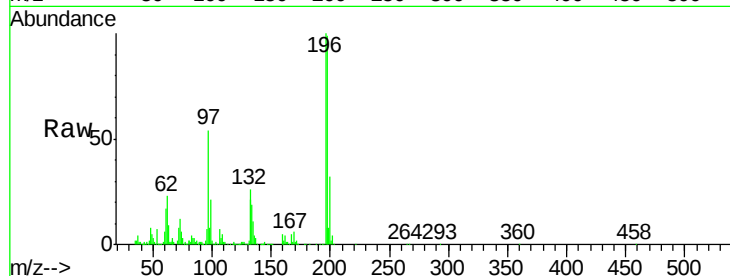




#43
 2,4,5-Trichlorophenol
 Concen: 43.70 ng
 RT: 13.30 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

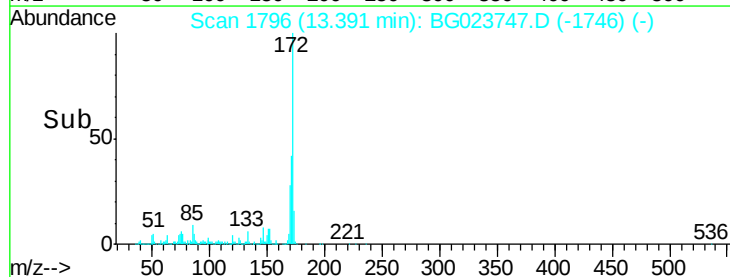
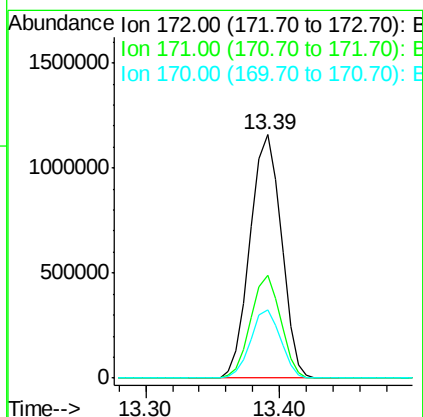
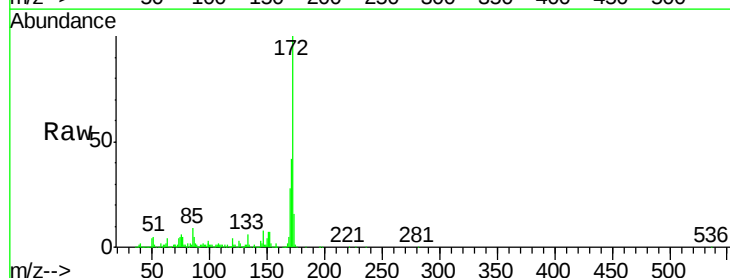
Instrument :
 BNA_G
 ClientSampleId :

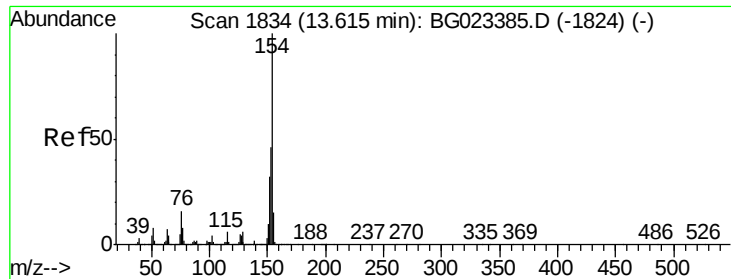
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	85.7	128.5
97	54.0	45.5	68.3
132	25.6	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 83.64 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.4	31.6	47.4
170	27.9	21.3	31.9





#45

1,1'-Biphenyl

Concen: 37.31 ng

RT: 13.60 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

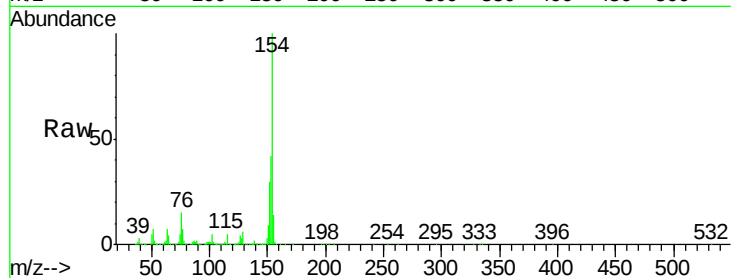
Tot Ion:154 Resp: 1079705

Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.2	60.2
76	15.1	0.0	32.9

154 100

153 42.2 20.2 60.2

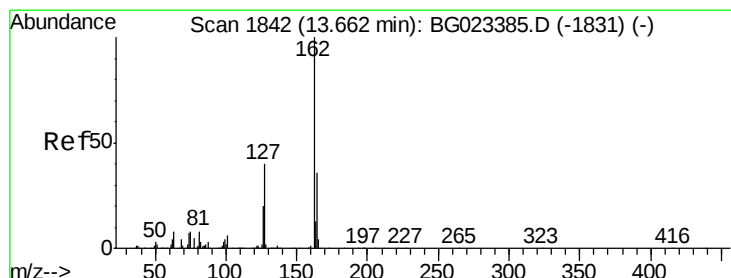
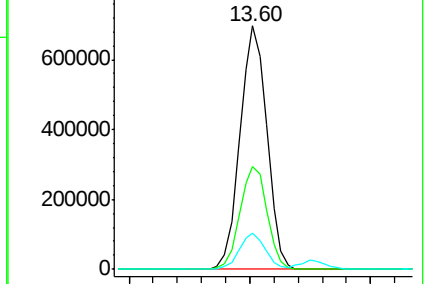
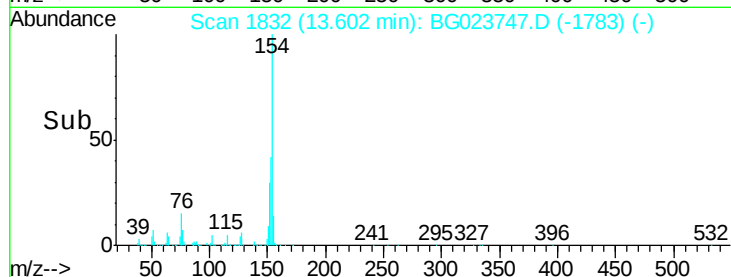
76 15.1 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 42.24 ng

RT: 13.66 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

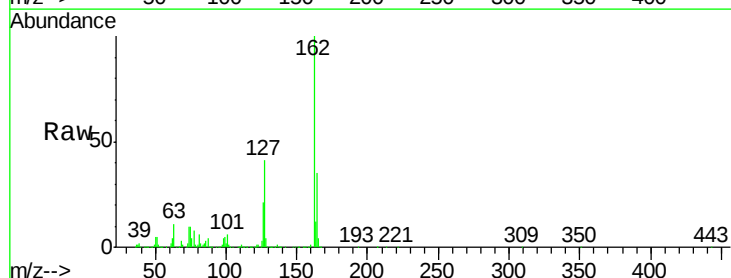
Tgt Ion:162 Resp: 945708

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.4	48.6
164	34.8	25.2	37.8

162 100

127 41.2 32.4 48.6

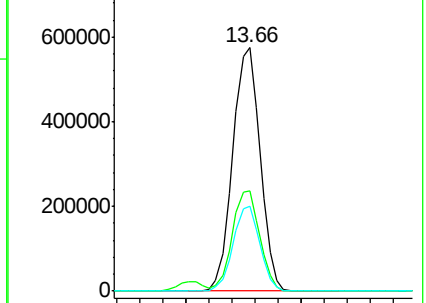
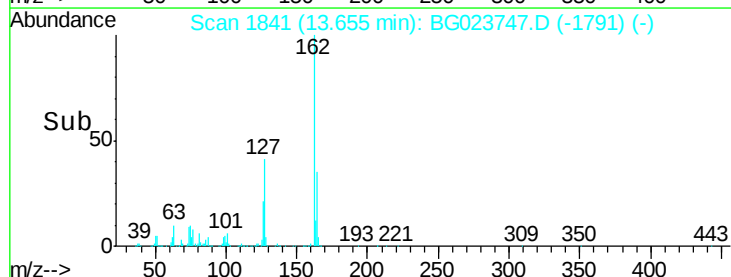
164 34.8 25.2 37.8

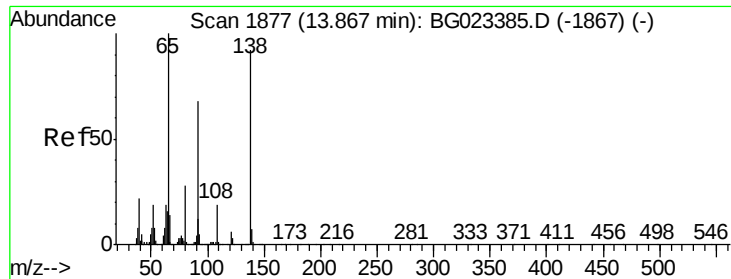


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

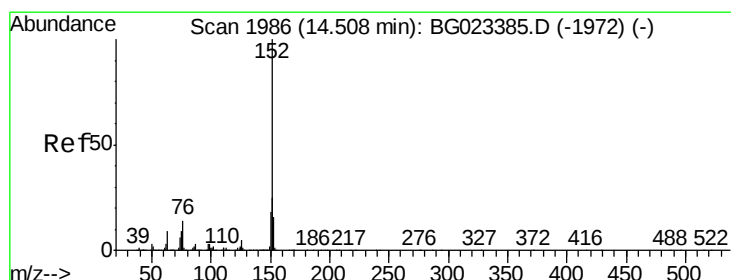
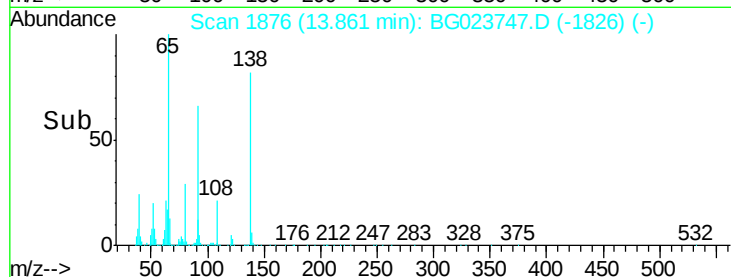
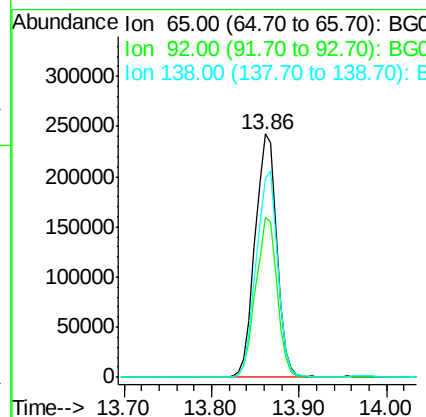
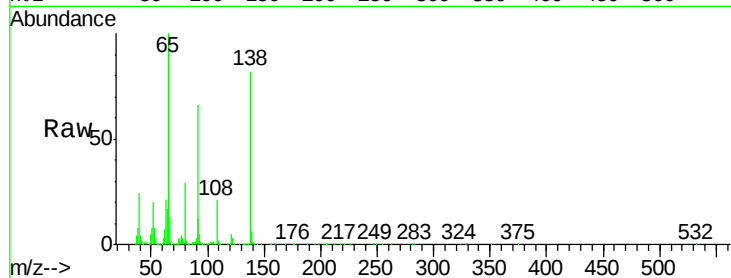




#47
2-Nitroaniline
Concen: 43.87 ng
RT: 13.86 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

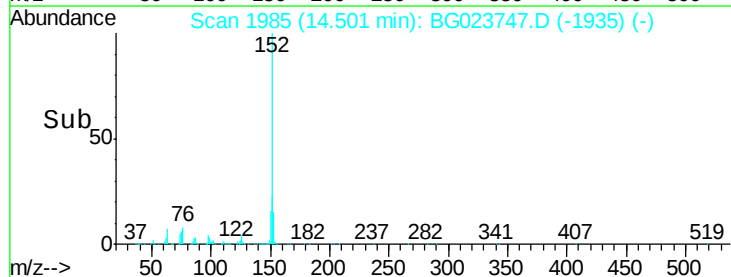
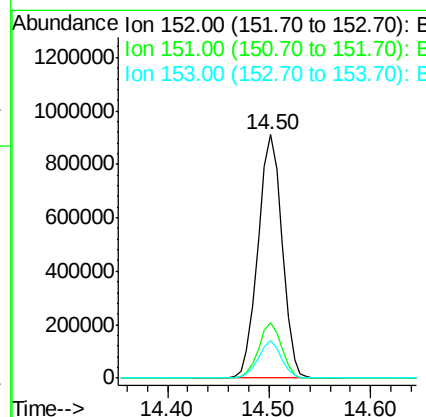
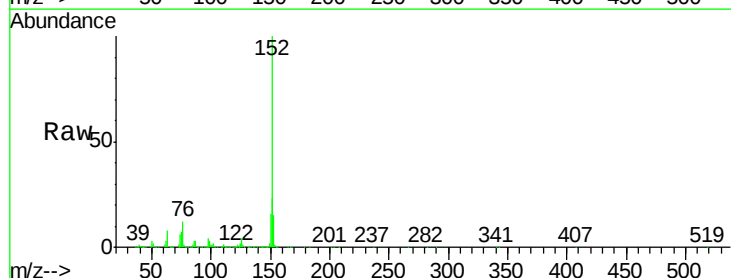
Instrument :
BNA_G
ClientSampleId :

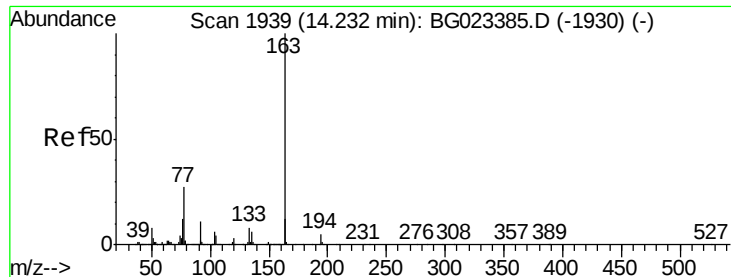
Tot Ion: 65 Resp: 407834
Ion Ratio Lower Upper
65 100
92 65.7 49.4 74.0
138 81.8 58.0 87.0



#48
Acenaphthylene
Concen: 42.48 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 152 Resp: 1503508
Ion Ratio Lower Upper
152 100
151 22.5 17.6 26.4
153 15.2 11.4 17.2





#49

Dimethylphthalate

Concen: 43.01 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

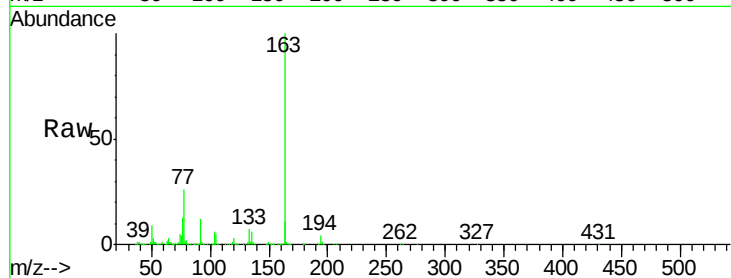
Tot Ion:163 Resp: 1249141

Ion Ratio Lower Upper

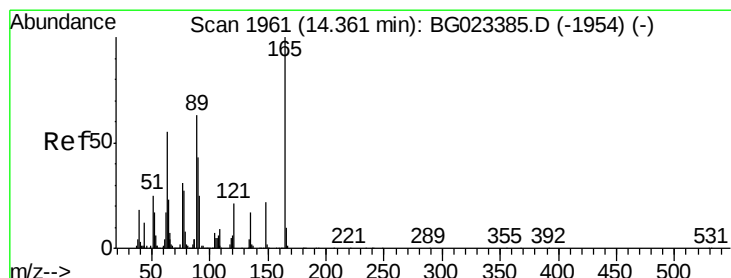
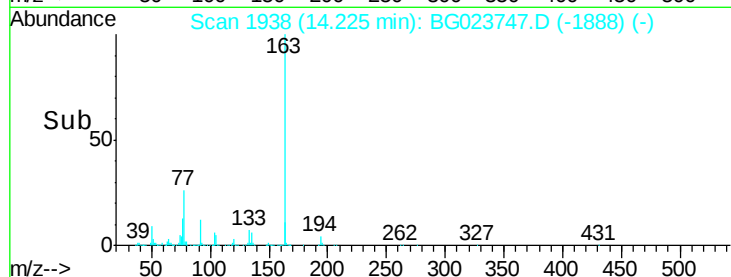
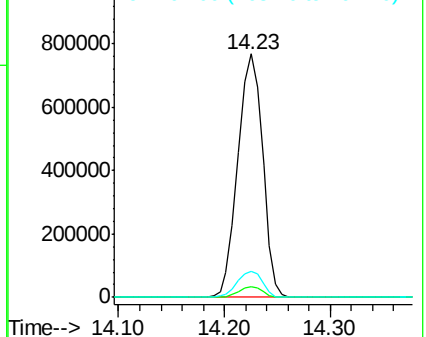
163 100

194 4.4 3.6 5.4

164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.95 ng

RT: 14.35 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

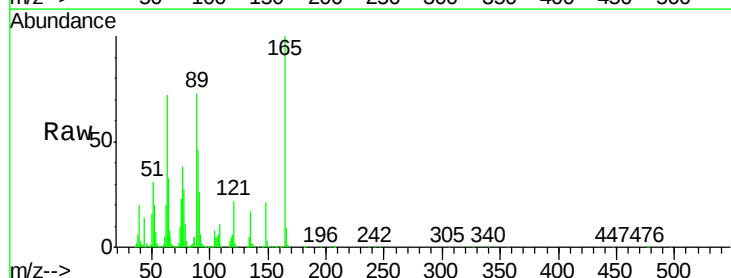
Tgt Ion:165 Resp: 288555

Ion Ratio Lower Upper

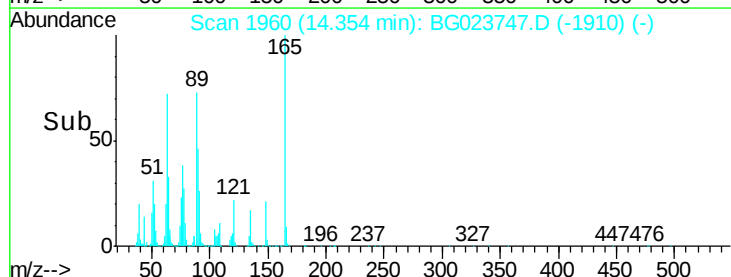
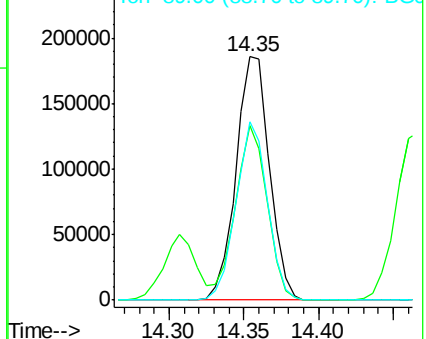
165 100

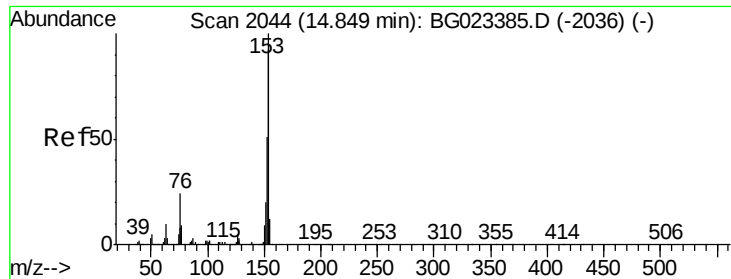
63 71.8 64.3 96.5

89 73.3 64.3 96.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 42.42 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

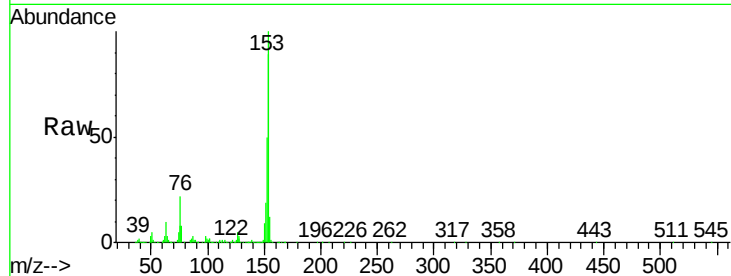
Tot Ion:154 Resp: 951082

Ion Ratio Lower Upper

154 100

153 112.3 87.5 131.3

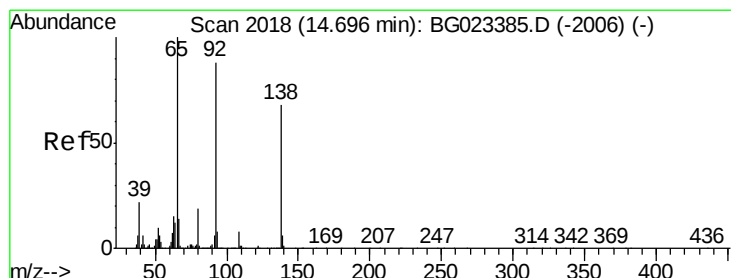
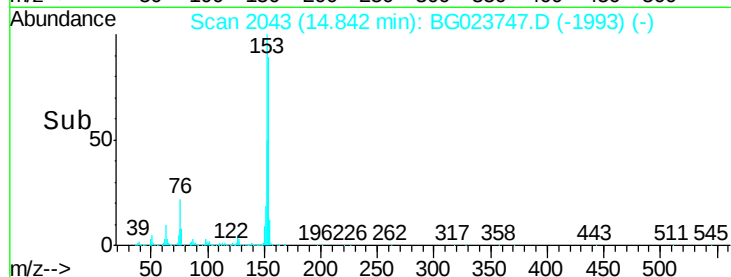
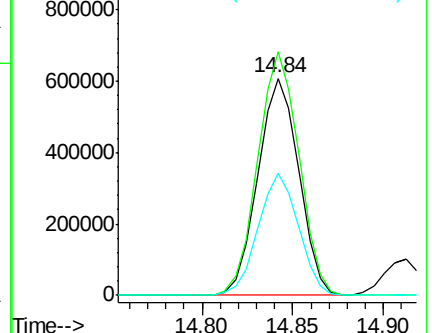
152 56.6 42.7 64.1



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: 22.60 ng

RT: 14.69 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

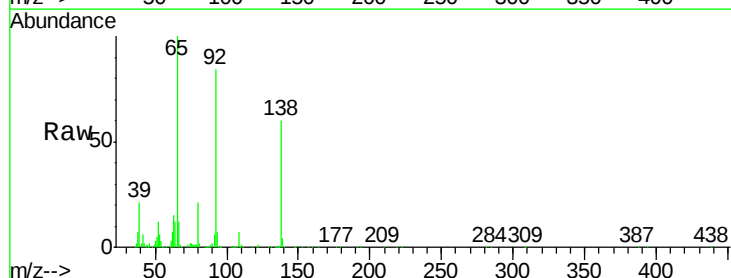
Tgt Ion:138 Resp: 175258

Ion Ratio Lower Upper

138 100

108 11.4 11.7 17.5#

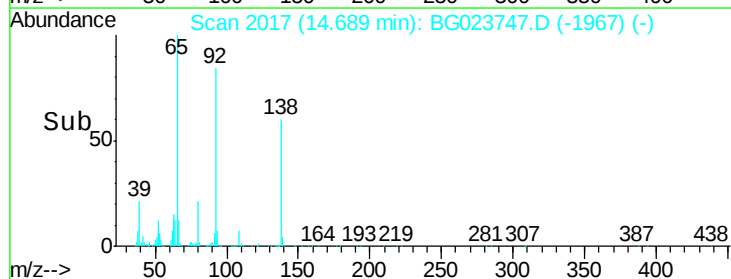
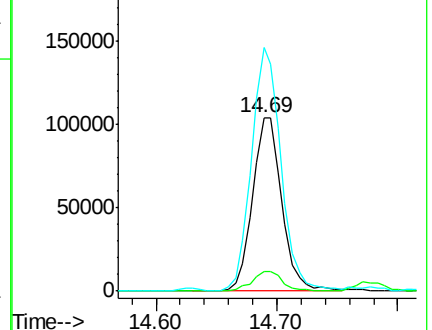
92 140.1 129.7 194.5

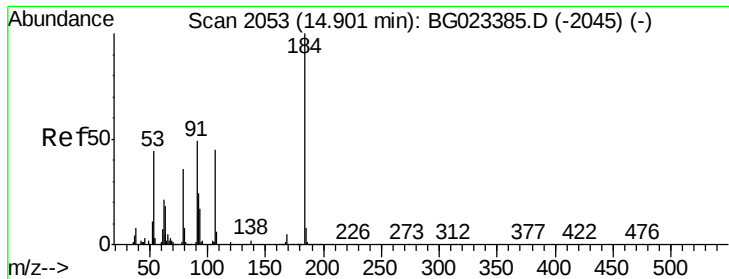


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

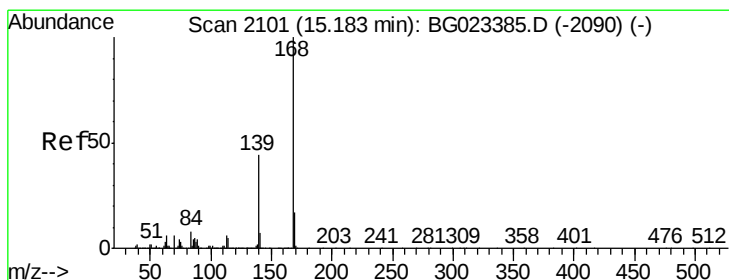
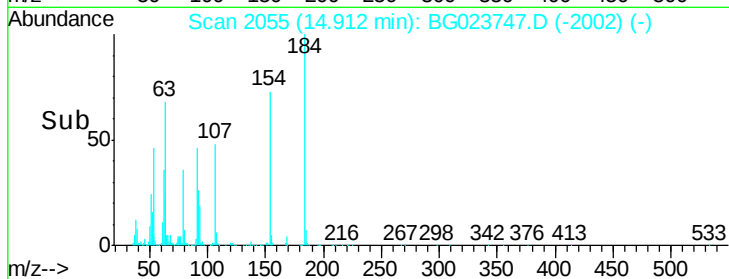
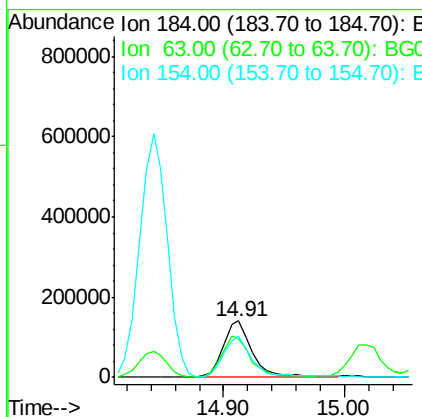
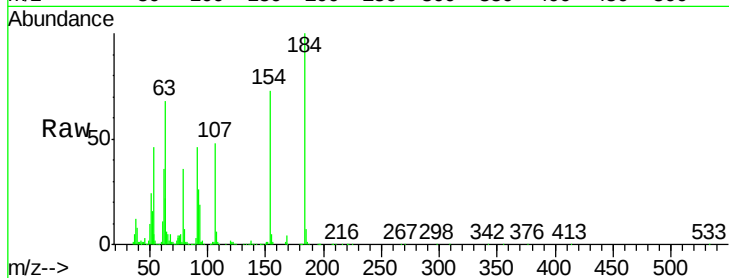




#53
2,4-Dinitrophenol
Concen: 53.61 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

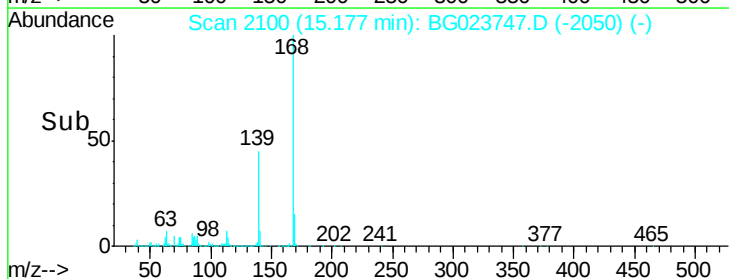
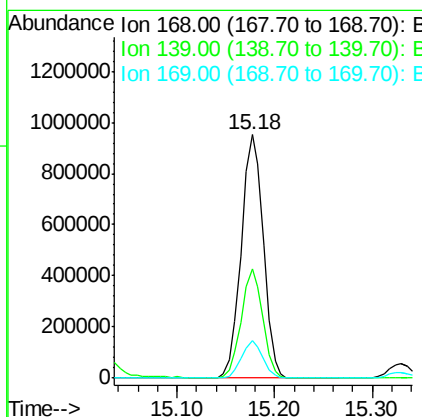
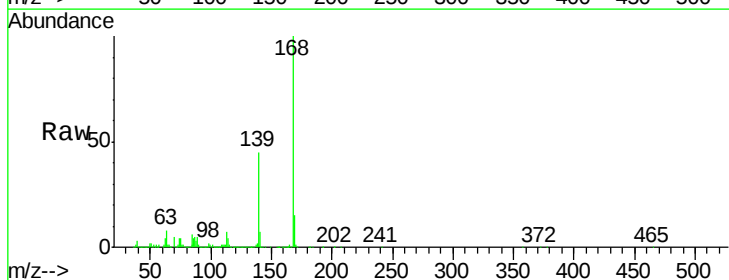
Instrument :
BNA_G
ClientSampleId :

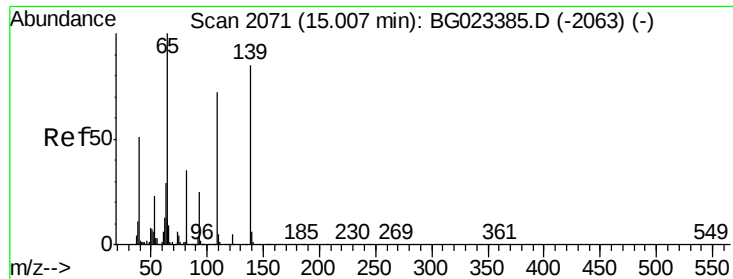
Tot Ion	Ratio	Lower	Upper
184	100		
63	68.4	59.6	89.4
154	72.9	67.4	101.0



#54
Dibenzofuran
Concen: 45.77 ng
RT: 15.18 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.9	36.4	54.6
169	15.3	11.9	17.9

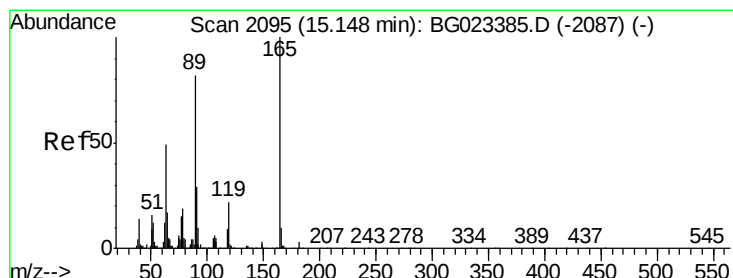
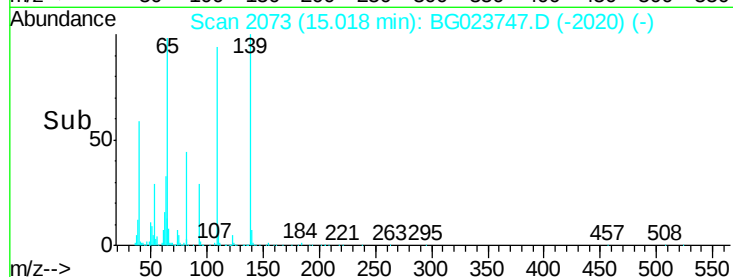
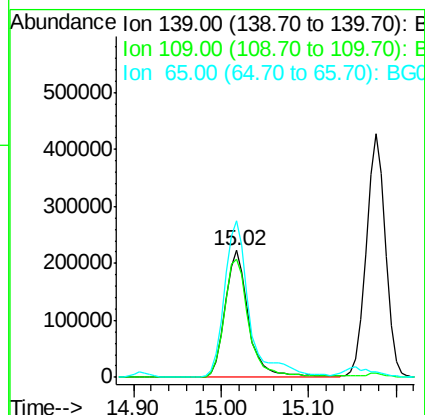
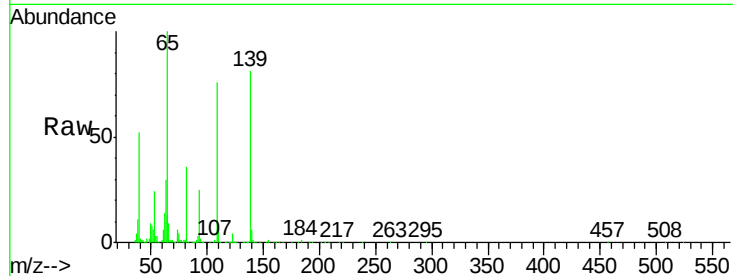




#55
4-Nitrophenol
Concen: 68.16 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

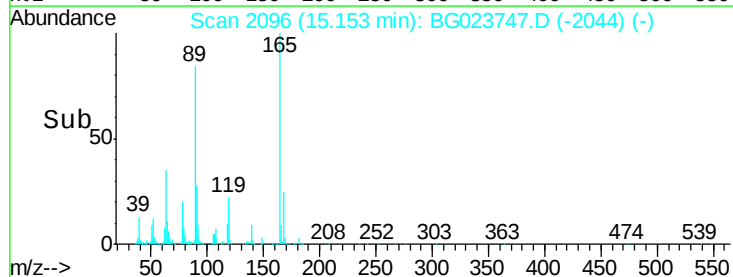
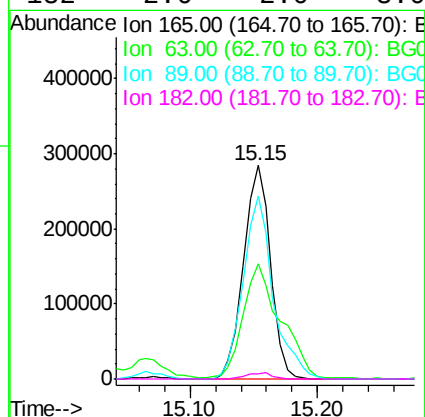
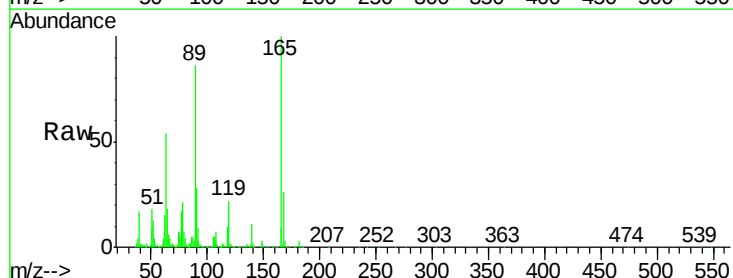
Instrument :
BNA_G
ClientSampled :

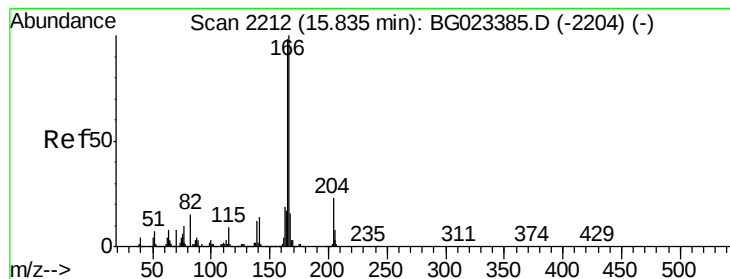
Tot Ion:139 Resp: 415242
Ion Ratio Lower Upper
139 100
109 93.1 103.0 143.0#
65 123.2 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 43.48 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:165 Resp: 419771
Ion Ratio Lower Upper
165 100
63 53.9 45.8 68.6
89 85.9 68.6 102.8
182 2.6 2.0 3.0





#57

Fluorene

Concen: 42.93 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

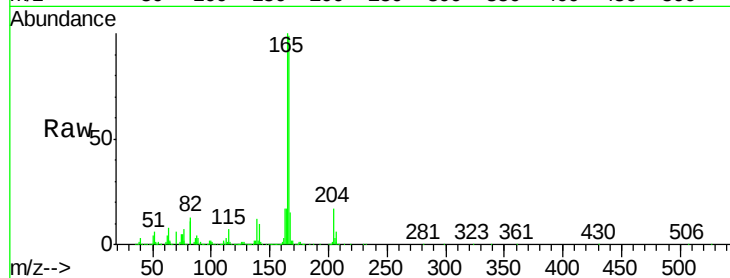
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 1219350

Ion	Ratio	Lower	Upper
166	100		
165	101.4	81.0	121.6
167	14.9	12.0	18.0

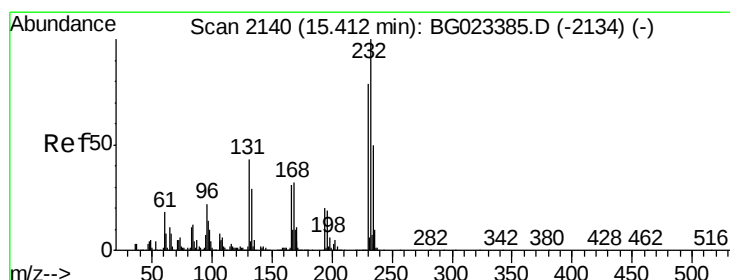
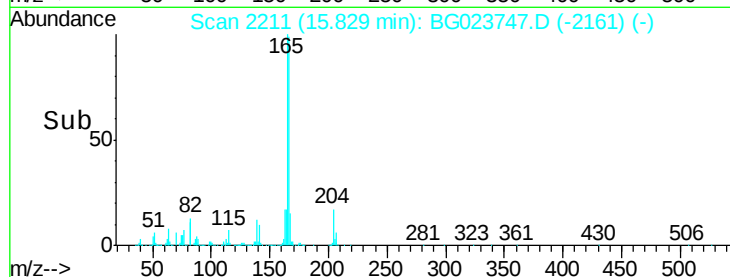
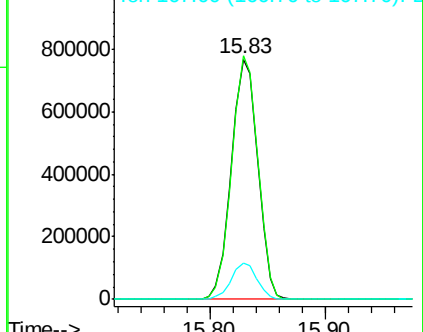


Abundance

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: 45.74 ng

RT: 15.41 min Scan# 2140

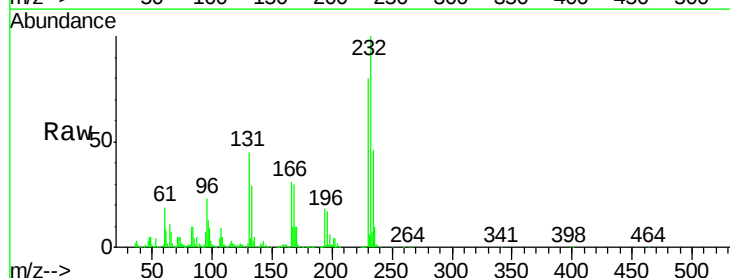
Delta R.T. -0.00 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Tgt Ion:232 Resp: 353403

Ion	Ratio	Lower	Upper
232	100		
131	46.5	32.7	49.1
130	3.0	2.6	3.8
166	32.2	23.0	34.6



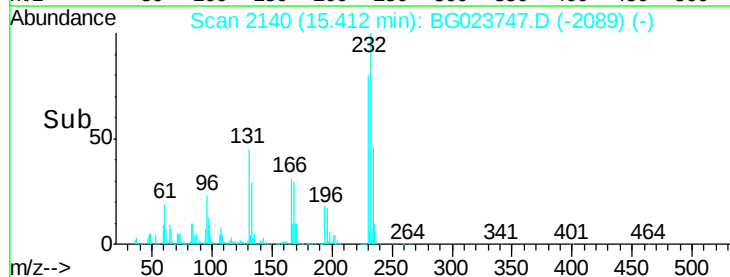
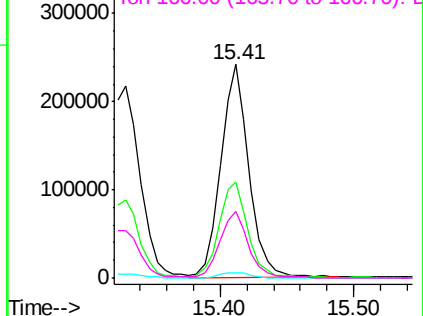
Abundance

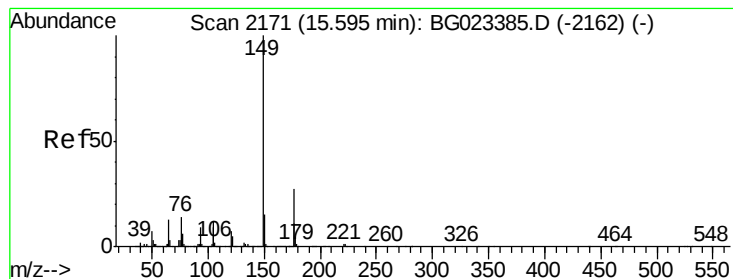
Ion 232.00 (231.70 to 232.70): E

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: 43.69 ng

RT: 15.59 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

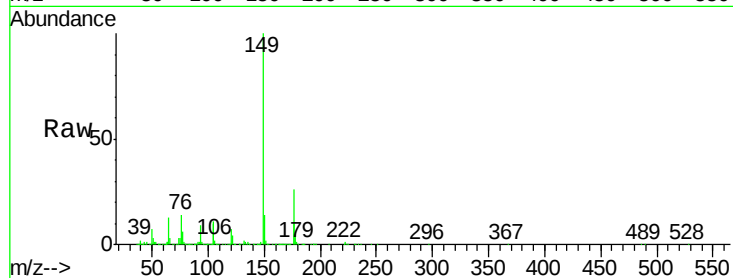
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 1288248

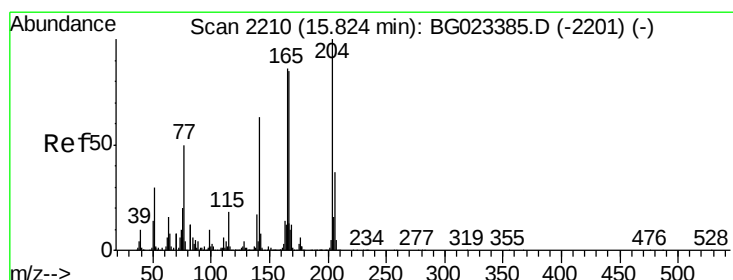
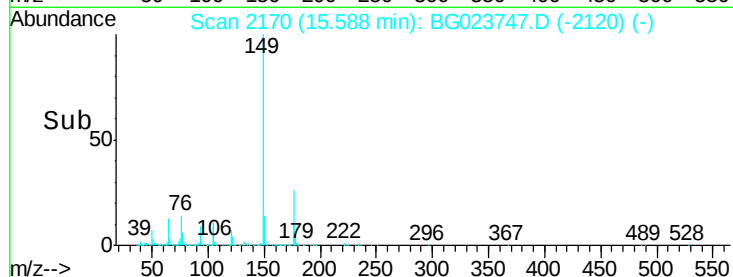
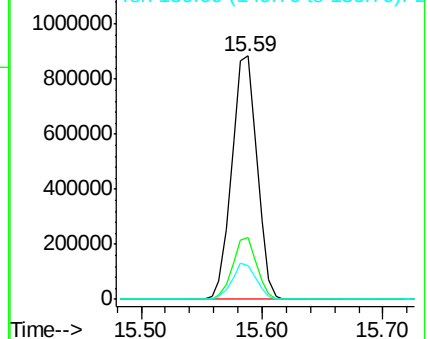
Ion	Ratio	Lower	Upper
149	100		
177	25.6	19.2	28.8
150	13.8	10.6	16.0



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: 42.77 ng

RT: 15.82 min Scan# 2209

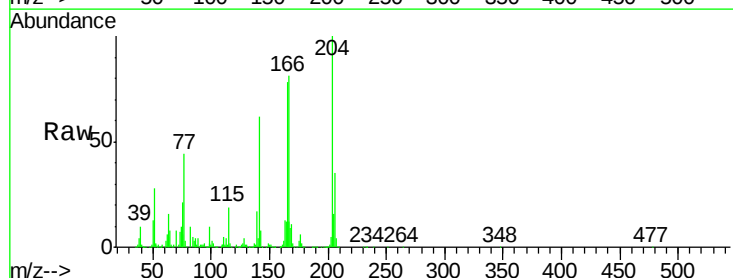
Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Tgt Ion:204 Resp: 642989

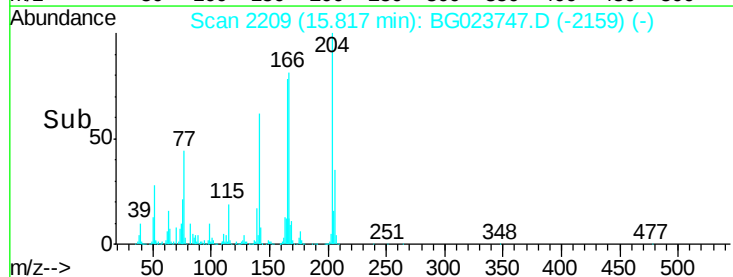
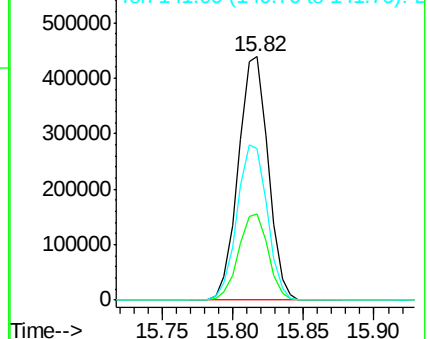
Ion	Ratio	Lower	Upper
204	100		
206	35.2	28.5	42.7
141	62.4	51.4	77.0



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

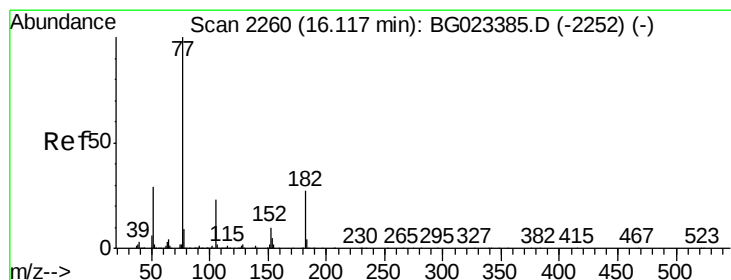
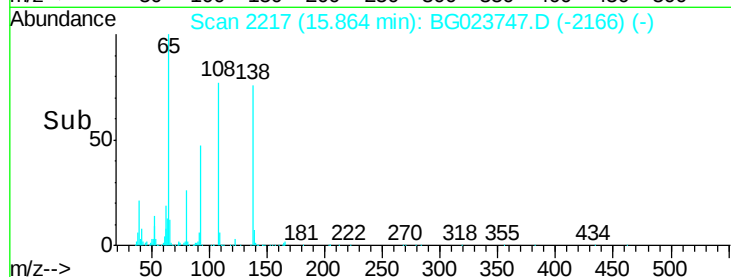
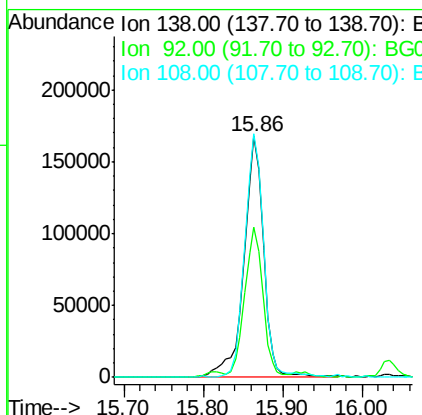
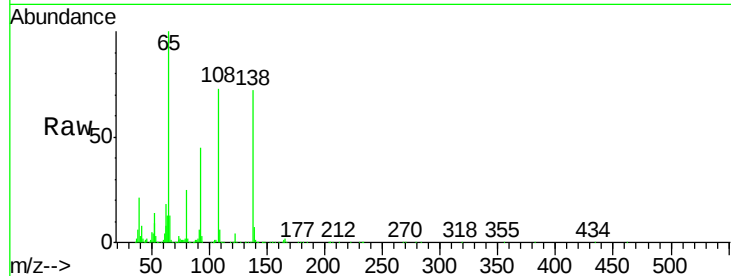




#61
4-Nitroaniline
Concen: 35.20 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

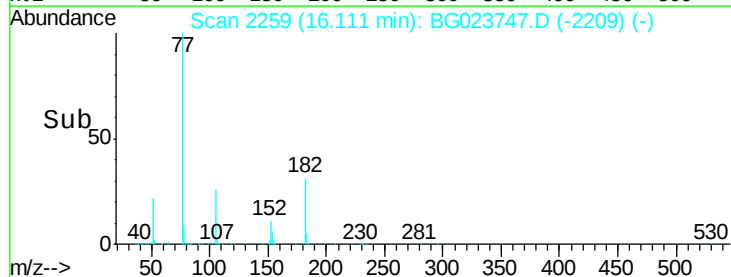
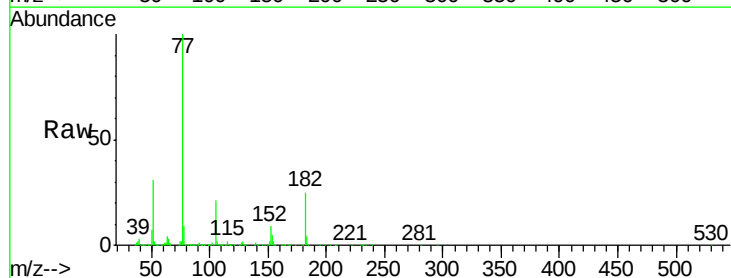
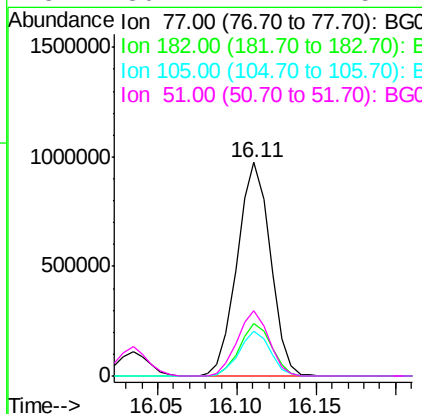
Instrument :
BNA_G
ClientSampleId :

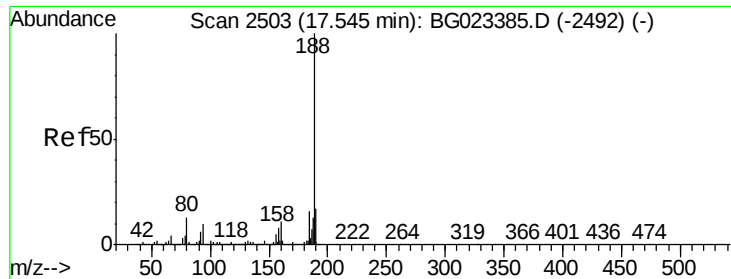
Tot Ion:138 Resp: 290663
Ion Ratio Lower Upper
138 100
92 62.5 54.1 94.1
108 101.2 133.9 173.9#



#62
Azobenzene
Concen: 47.43 ng
RT: 16.11 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion: 77 Resp: 1417659
Ion Ratio Lower Upper
77 100
182 24.7 3.5 43.5
105 21.0 0.0 38.5
51 30.7 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

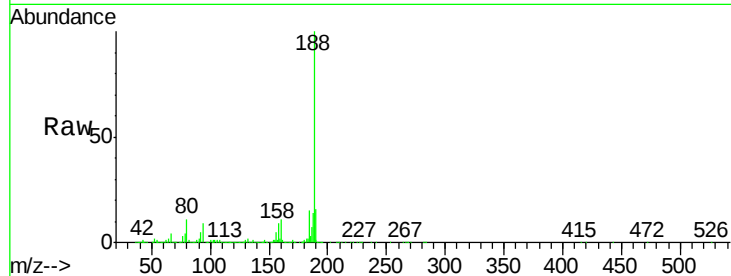
Tot Ion:188 Resp: 841002

Ion Ratio Lower Upper

188 100

94 8.6 5.2 7.8#

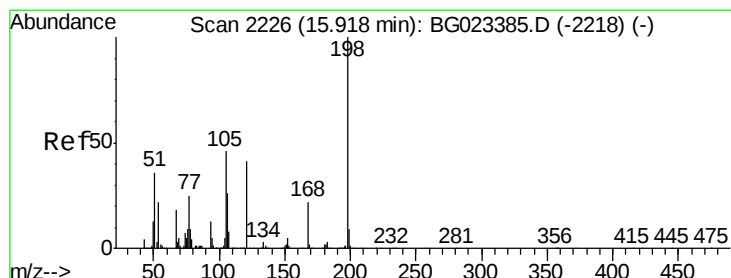
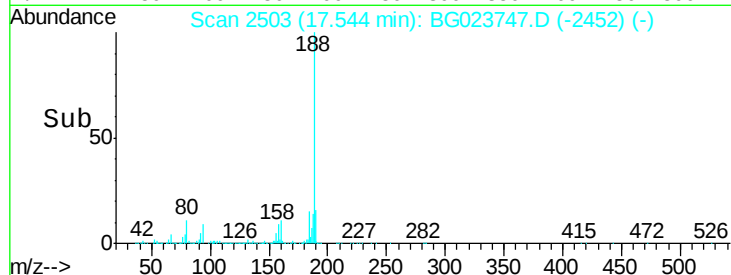
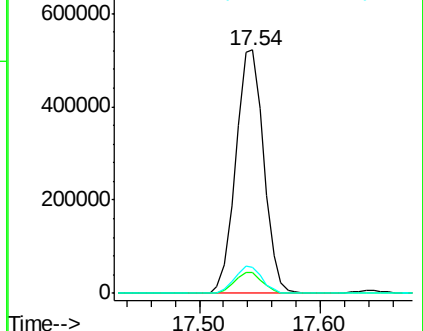
80 10.6 7.2 10.8



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: 33.47 ng

RT: 15.92 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

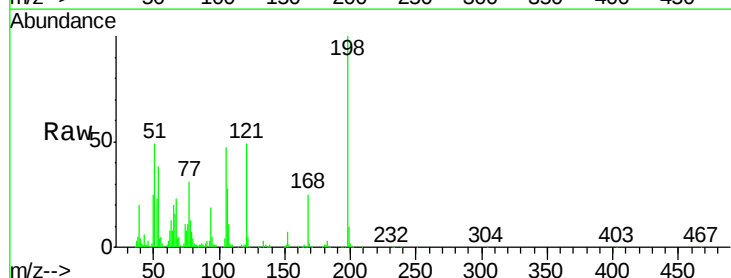
Tgt Ion:198 Resp: 191380

Ion Ratio Lower Upper

198 100

51 48.7 26.0 66.0

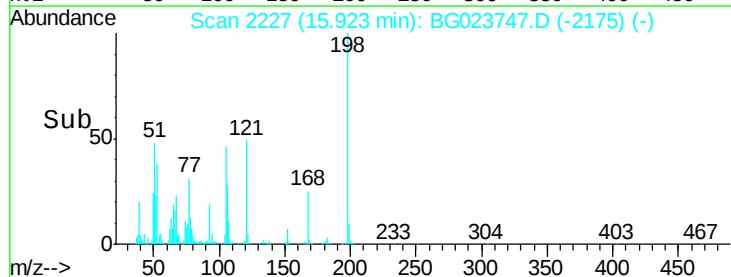
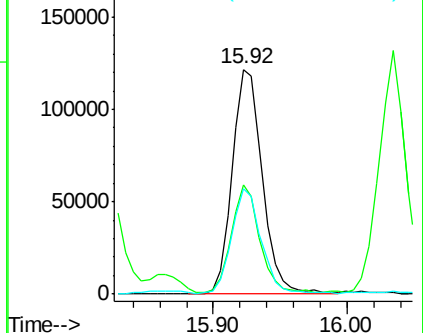
105 46.9 20.1 60.1

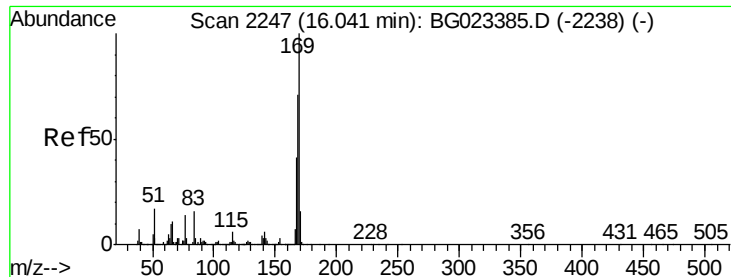


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

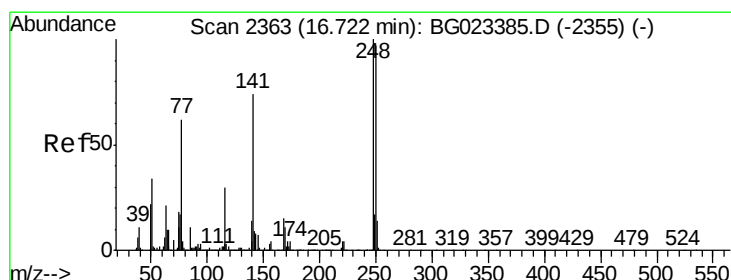
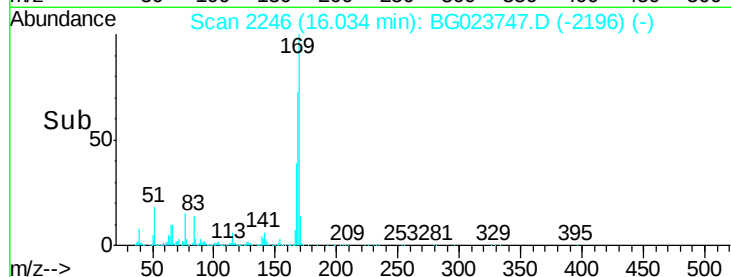
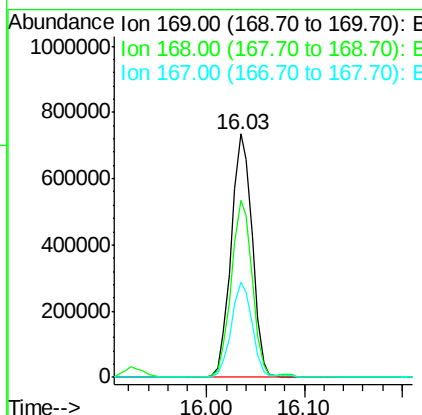
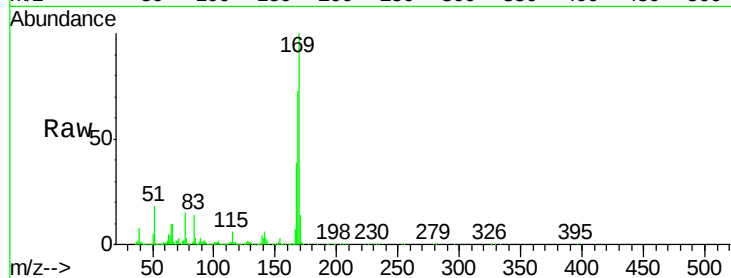




#65
n-Nitrosodiphenylamine
Concen: 44.56 ng
RT: 16.03 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

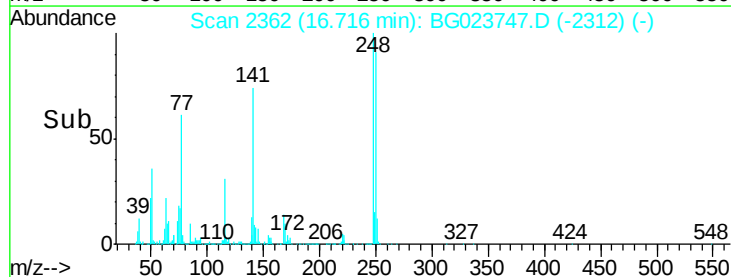
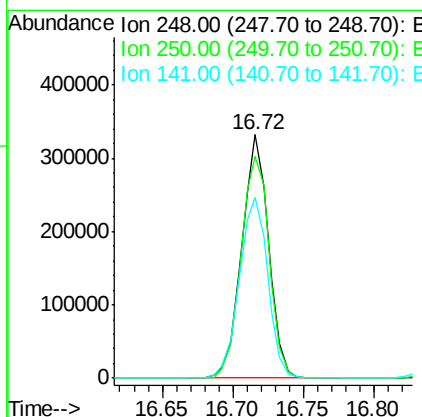
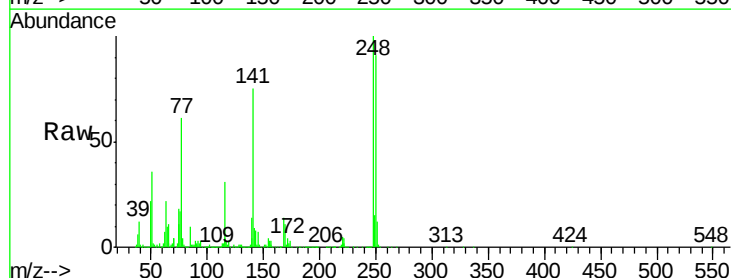
Instrument :
BNA_G
ClientSampleId :

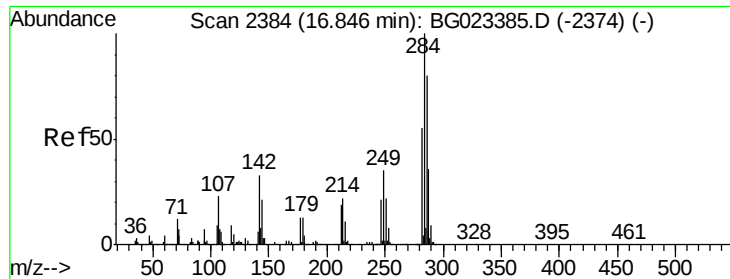
Tot Ion:169 Resp: 1099137
Ion Ratio Lower Upper
169 100
168 72.8 55.0 82.4
167 39.0 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 44.83 ng
RT: 16.72 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:248 Resp: 439417
Ion Ratio Lower Upper
248 100
250 91.3 77.8 116.8
141 74.6 65.7 98.5





#67

Hexachlorobenzene

Concen: 42.49 ng

RT: 16.85 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

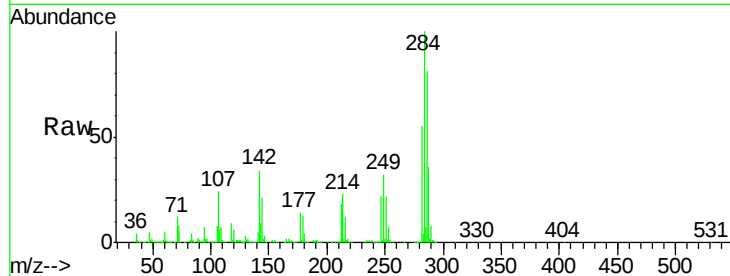
Tot Ion:284 Resp: 455634

Ion Ratio Lower Upper

284 100

142 33.8 26.8 40.2

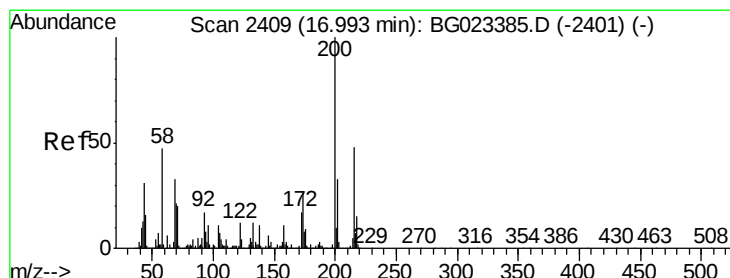
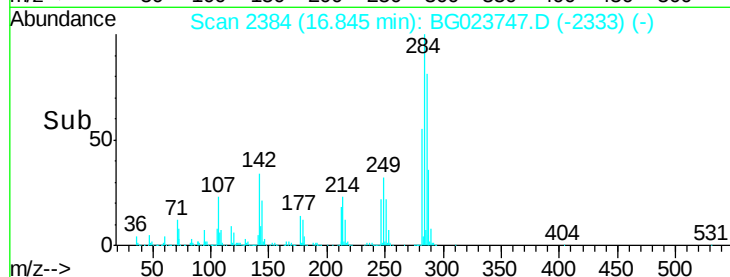
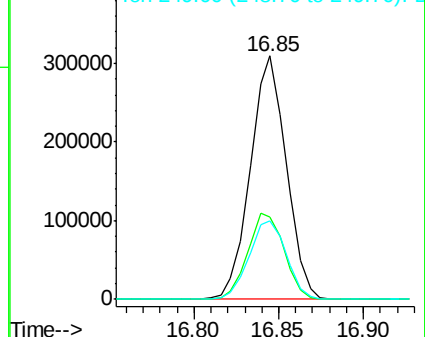
249 32.3 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.83 ng

RT: 16.99 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

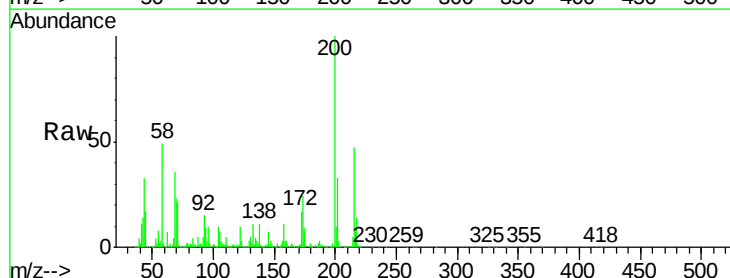
Tgt Ion:200 Resp: 434077

Ion Ratio Lower Upper

200 100

173 23.8 1.6 41.6

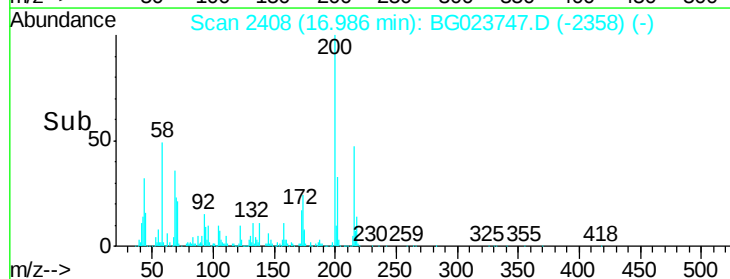
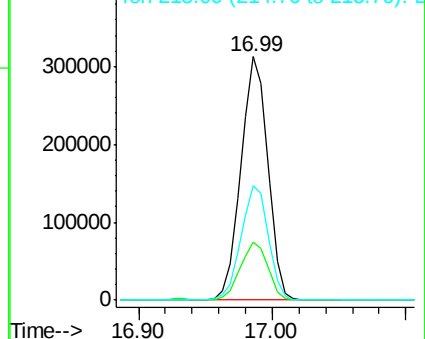
215 47.1 28.7 68.7



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

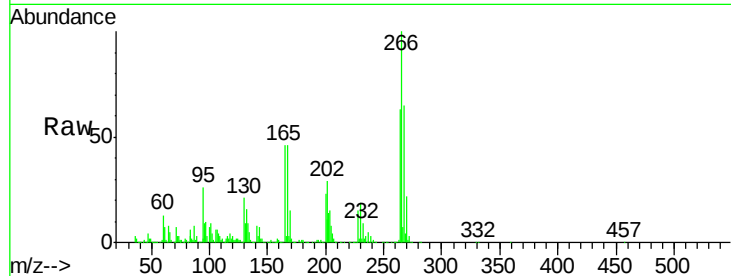




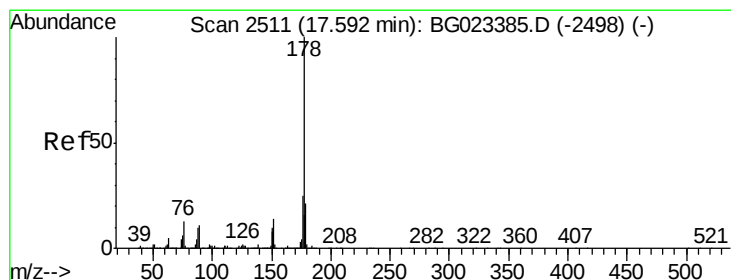
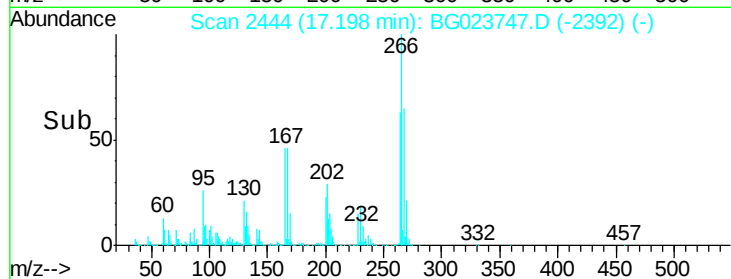
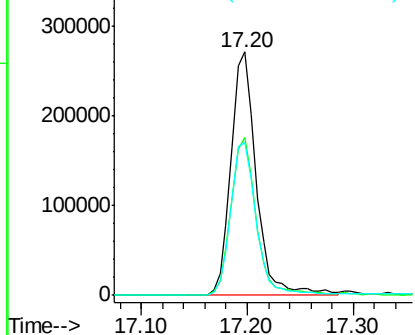
#69
 Pentachlorophenol
 Concen: 71.78 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.9	77.9
264	62.7	50.6	75.8

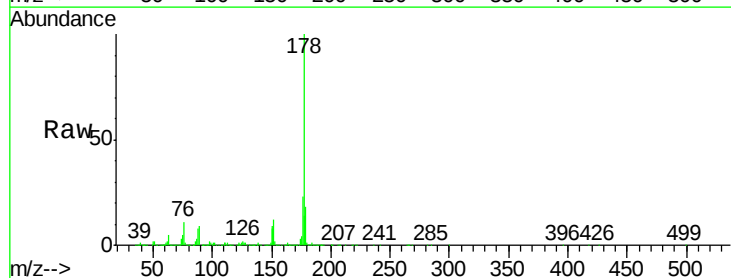


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

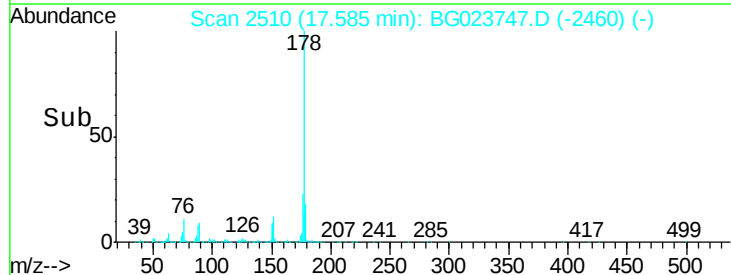
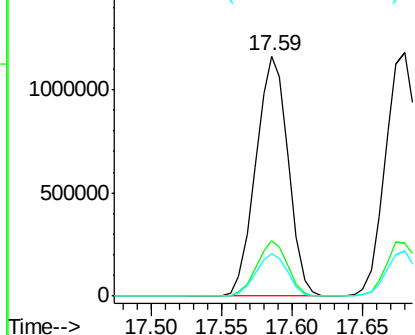


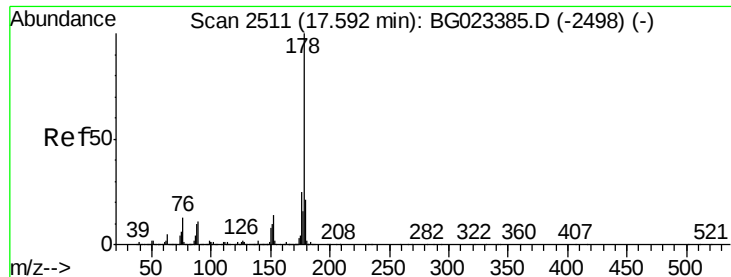
#70
 Phenanthrene
 Concen: 43.83 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.0	16.8	25.2
179	18.0	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

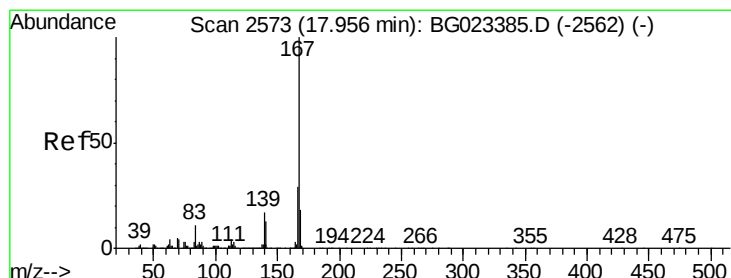
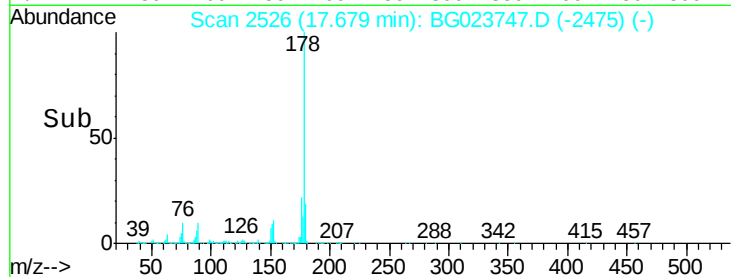
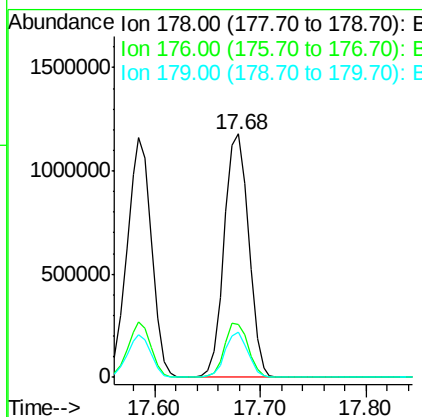
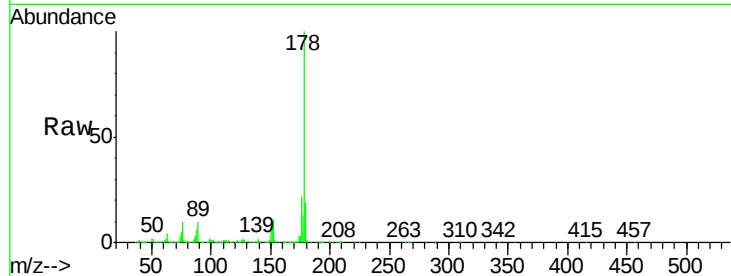




#71
 Anthracene
 Concen: 44.17 ng
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

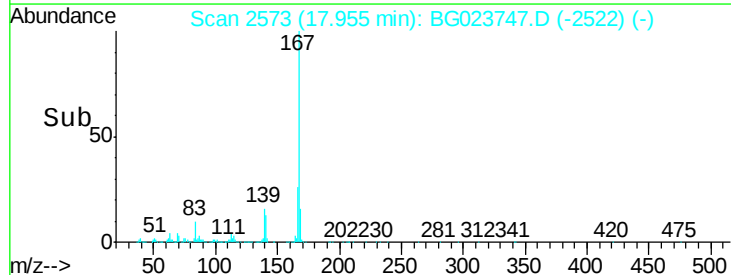
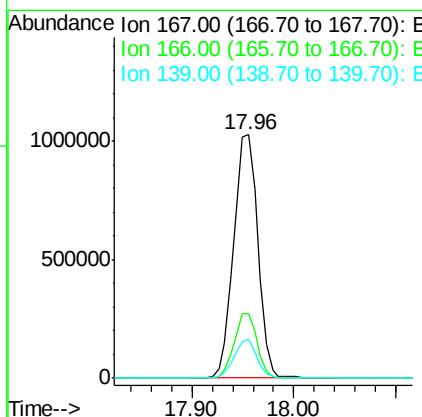
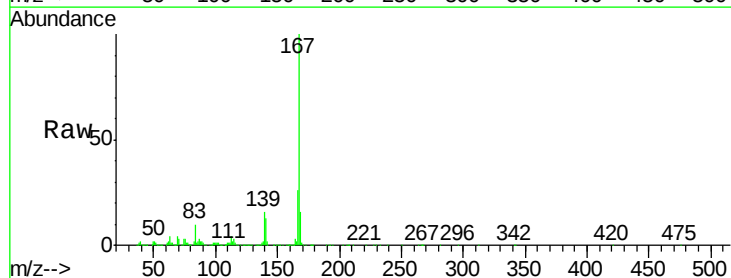
Instrument :
 BNA_G
 ClientSampleId :

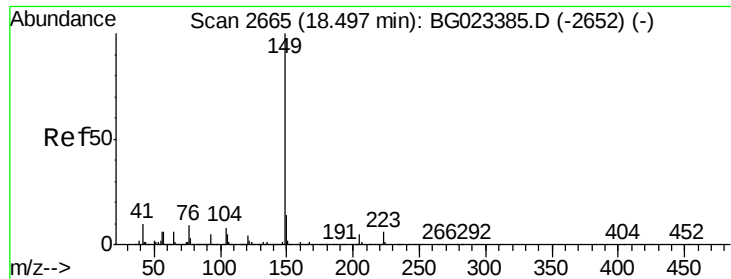
Tot Ion:178 Resp: 1895650
 Ion Ratio Lower Upper
 178 100
 176 21.8 17.3 25.9
 179 18.6 14.0 21.0



#72
 Carbazole
 Concen: 45.36 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion:167 Resp: 1709631
 Ion Ratio Lower Upper
 167 100
 166 26.5 20.7 31.1
 139 16.2 11.9 17.9





#73

Di-n-butylphthalate

Concen: 54.55 ng

RT: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

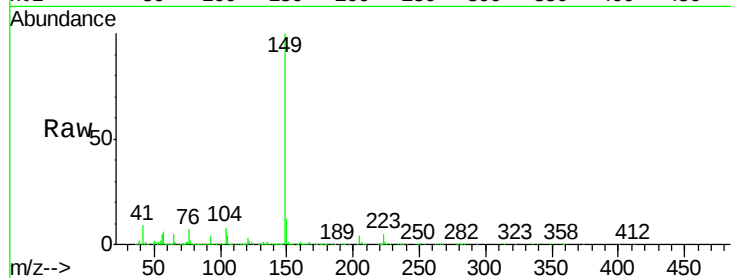
Tot Ion:149 Resp: 2022580

Ion Ratio Lower Upper

149 100

150 11.9 9.1 13.7

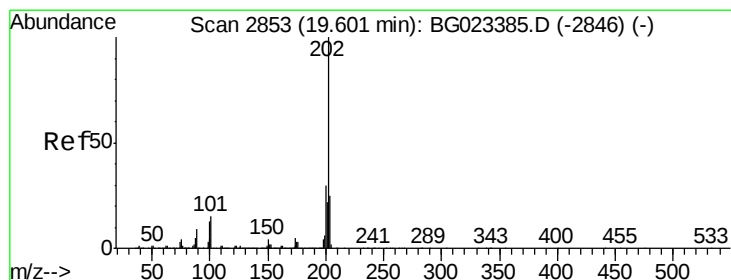
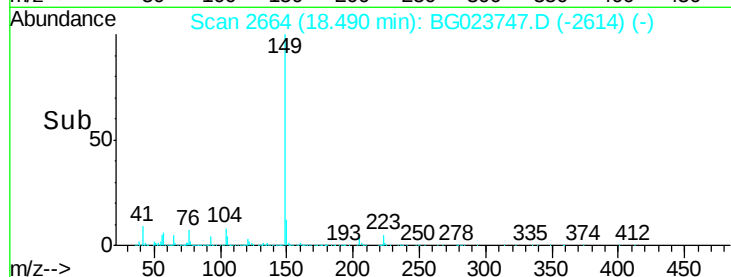
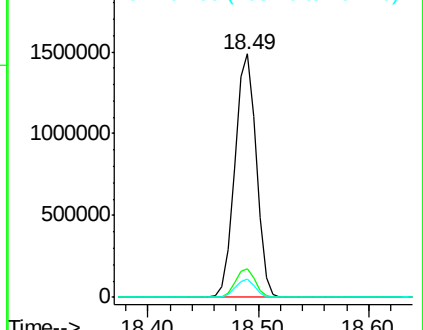
104 7.8 6.9 10.3



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: 52.26 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

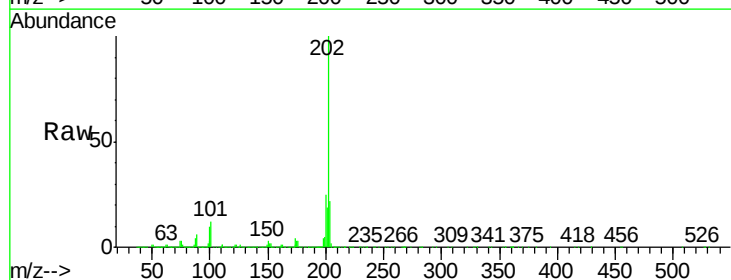
Tgt Ion:202 Resp: 2041563

Ion Ratio Lower Upper

202 100

101 11.7 0.0 27.4

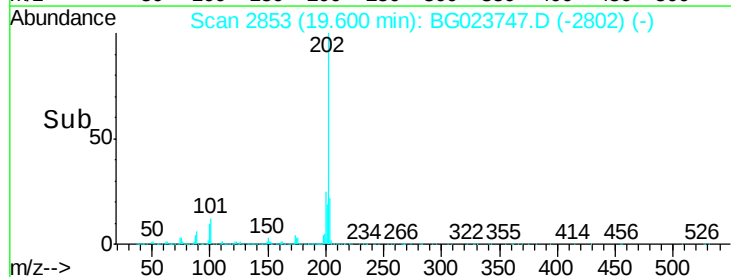
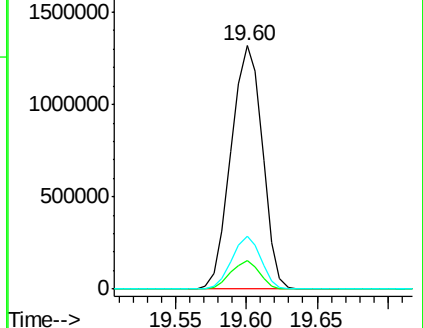
203 21.7 1.7 41.7

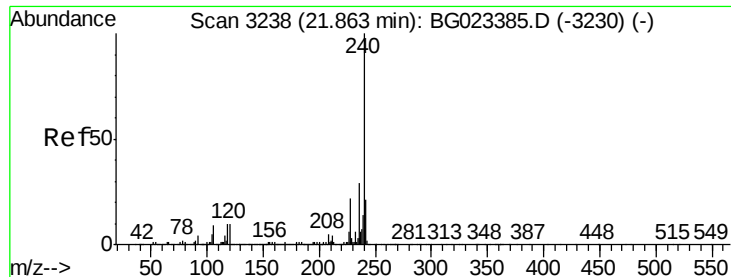


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

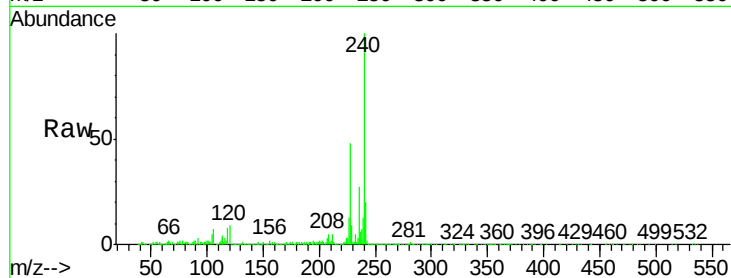
Tot Ion:240 Resp: 802368

Ion Ratio Lower Upper

240 100

120 8.6 4.1 6.1#

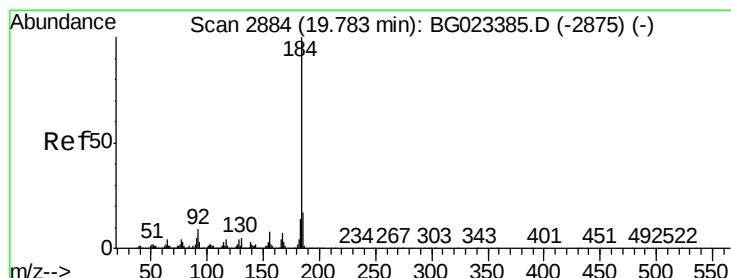
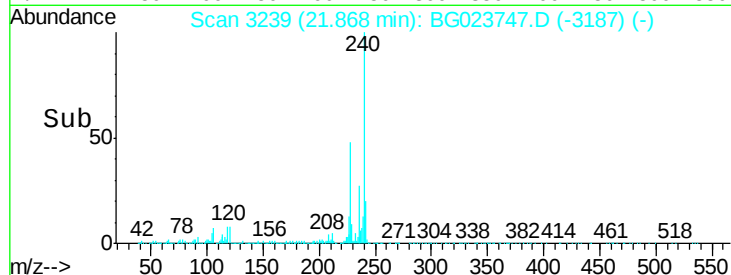
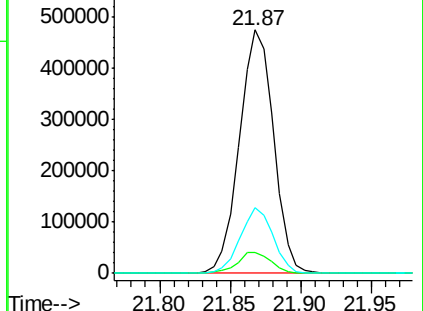
236 27.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.28 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

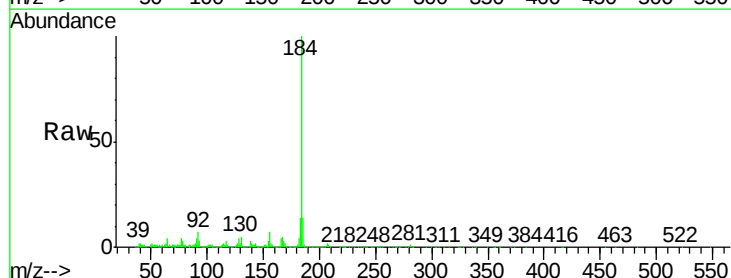
Tgt Ion:184 Resp: 452256

Ion Ratio Lower Upper

184 100

185 13.7 12.6 19.0

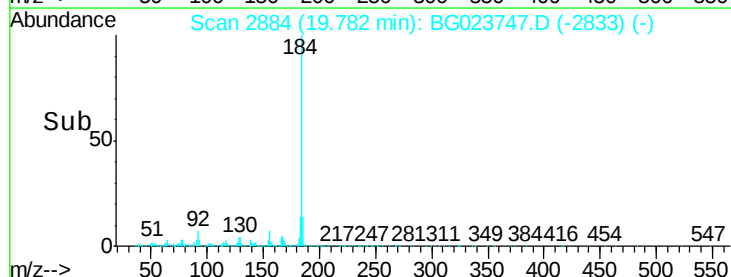
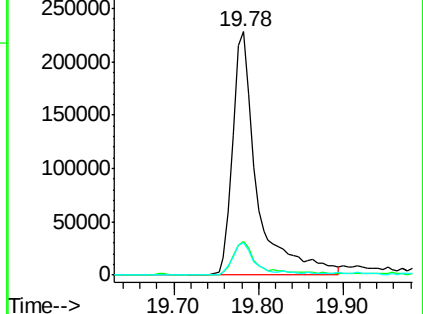
183 13.5 10.7 16.1

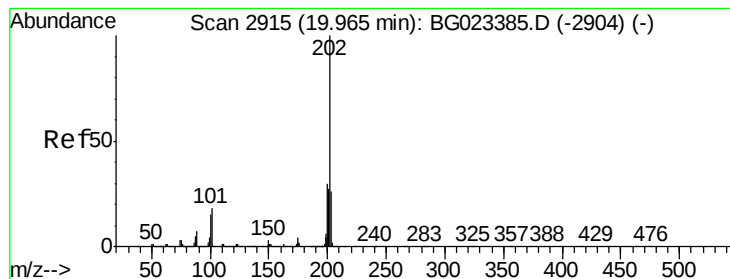


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.67 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

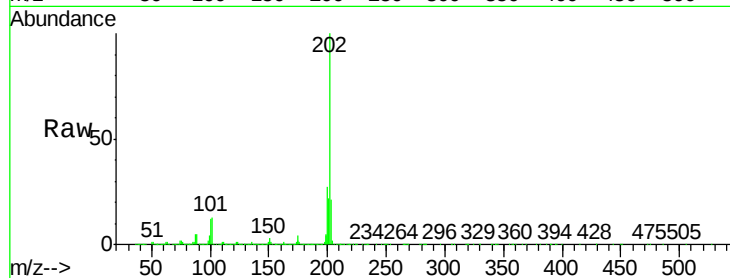
Tot Ion:202 Resp: 2032834

Ion Ratio Lower Upper

202 100

200 26.6 21.2 31.8

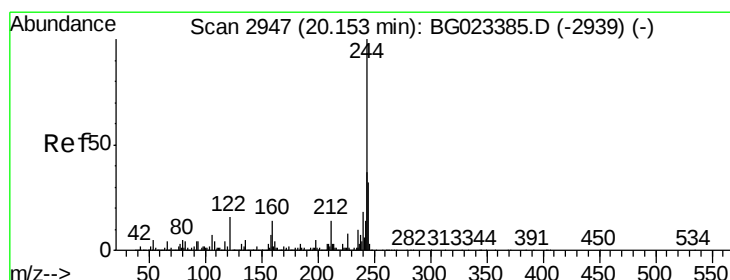
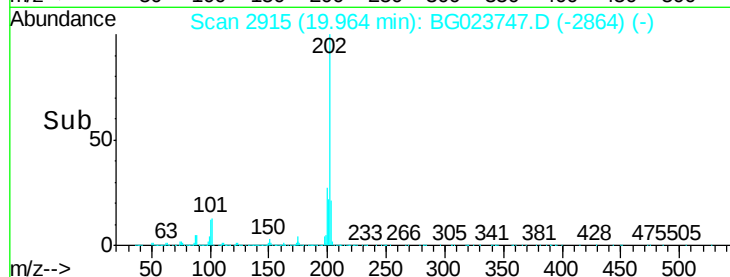
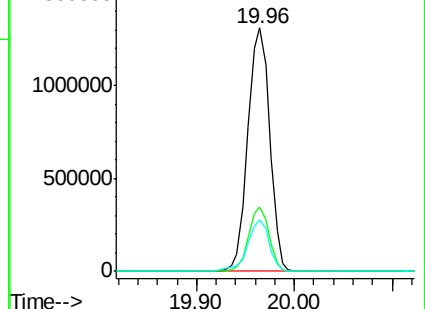
203 21.4 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.10 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

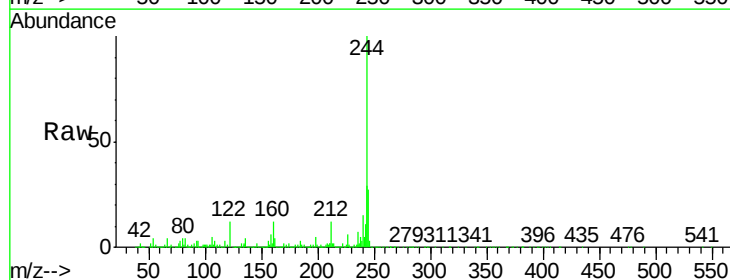
Tgt Ion:244 Resp: 2459535

Ion Ratio Lower Upper

244 100

212 12.3 10.8 16.2

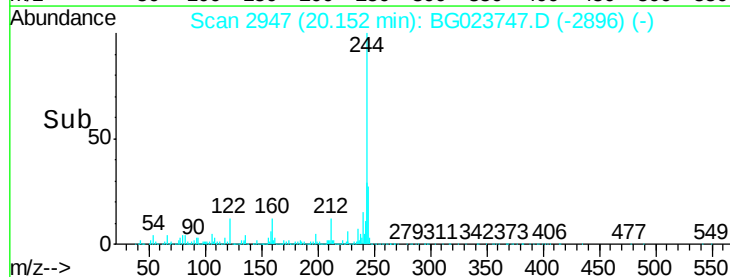
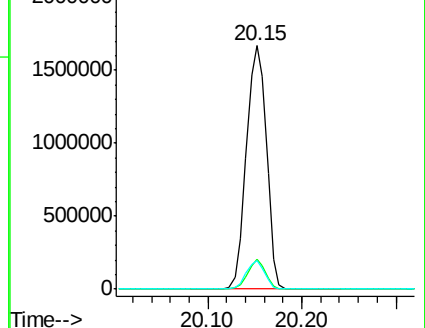
122 12.0 8.0 12.0

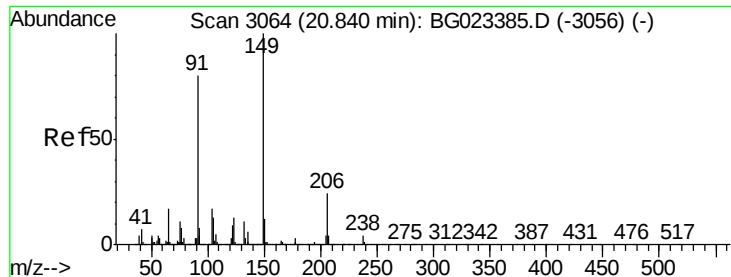


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.59 ng

RT: 20.83 min Scan# 3063

Delta R.T. -0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampled :

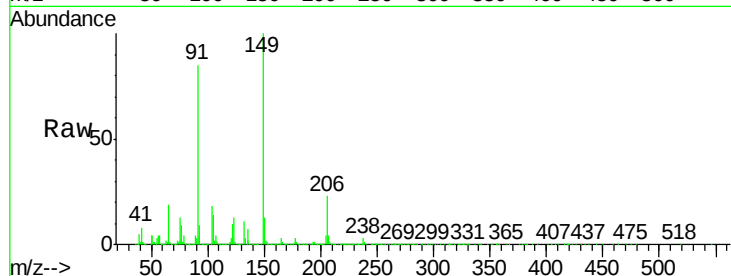
Tot Ion:149 Resp: 938880

Ion Ratio Lower Upper

149 100

91 85.0 68.1 102.1

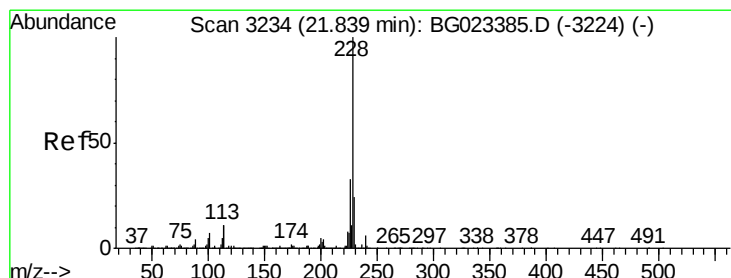
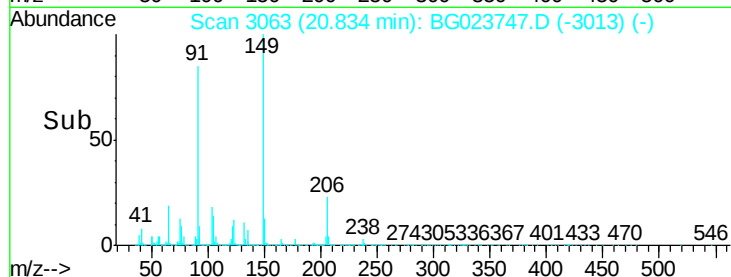
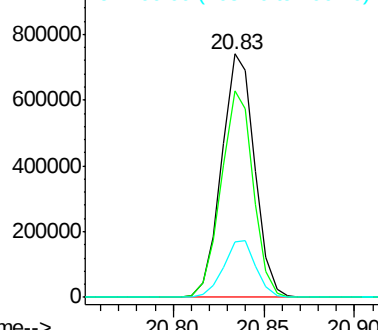
206 23.0 19.8 29.6



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: 44.71 ng

RT: 21.84 min Scan# 3235

Delta R.T. 0.01 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

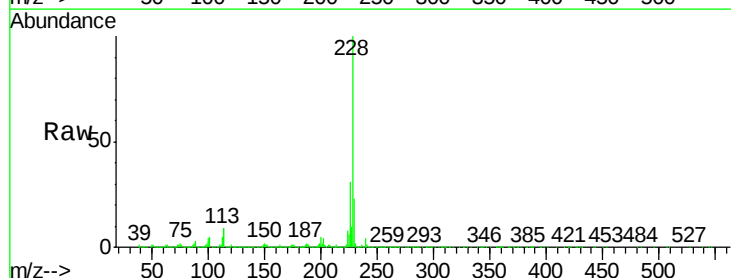
Tgt Ion:228 Resp: 1980419

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

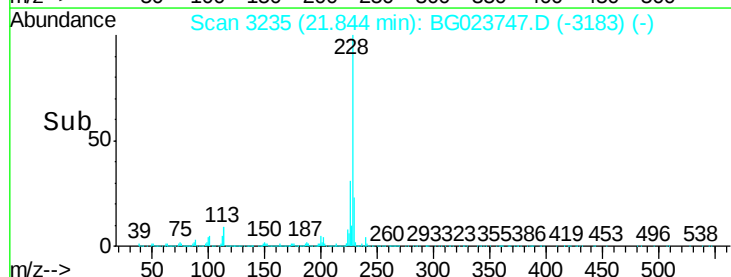
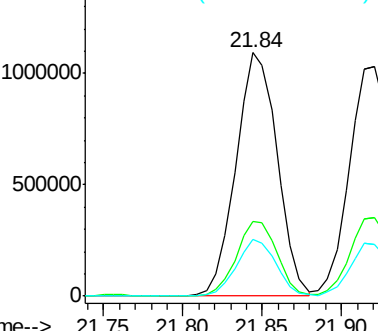
229 23.4 19.9 29.9

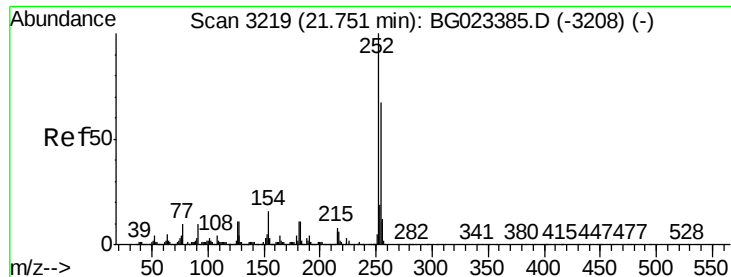


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

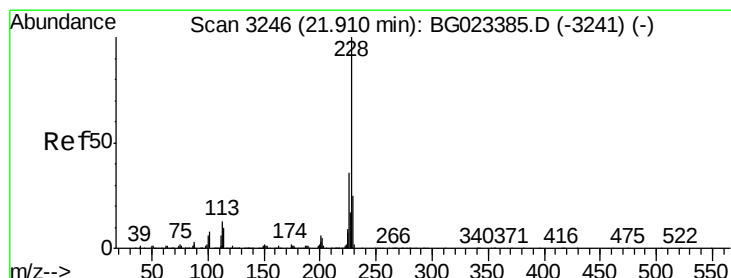
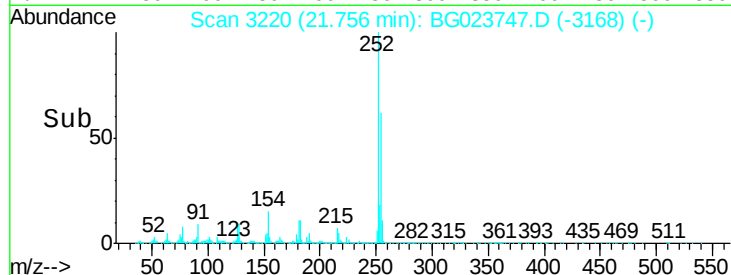
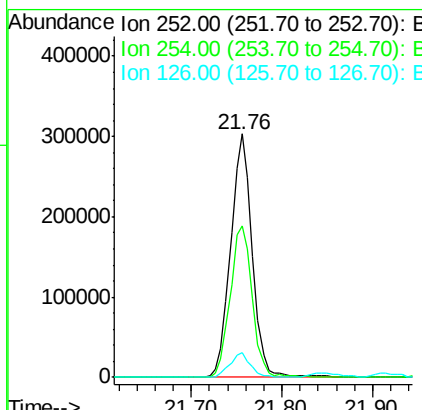
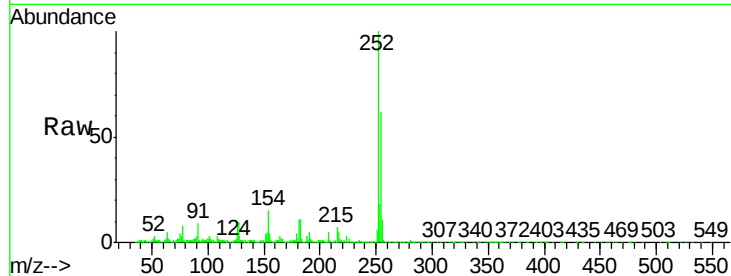




#81
 3,3'-Dichlorobenzidine
 Concen: 27.50 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

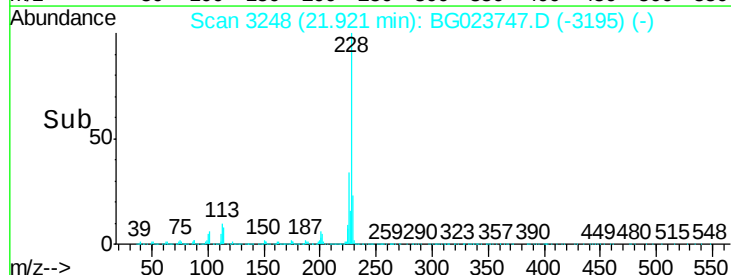
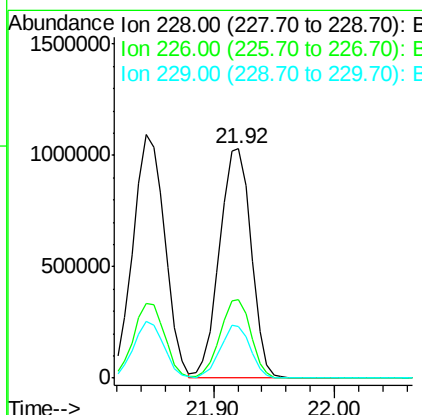
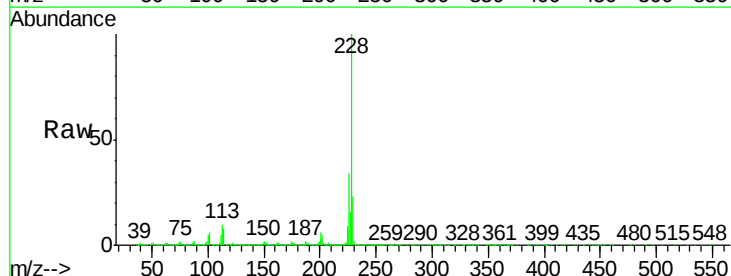
Instrument :
 BNA_G
 ClientSampleId :

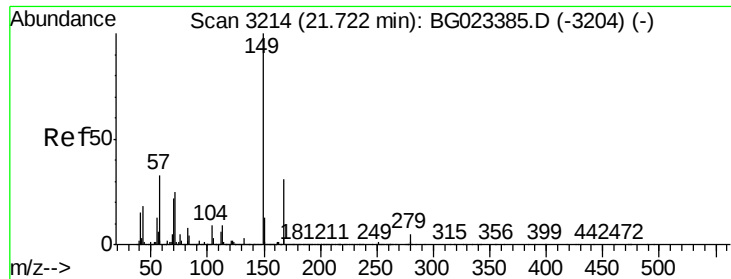
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.2	76.8
126	10.0	5.3	7.9



#82
 Chrysene
 Concen: 44.36 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. 0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	22.7	17.4	26.2

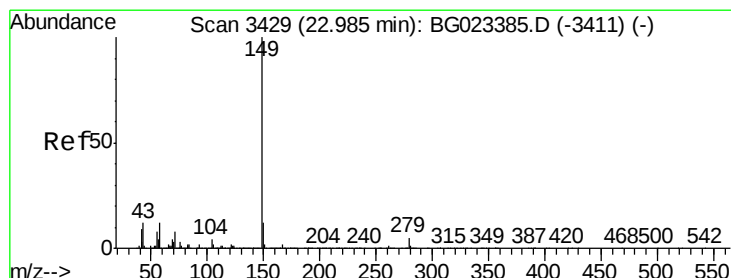
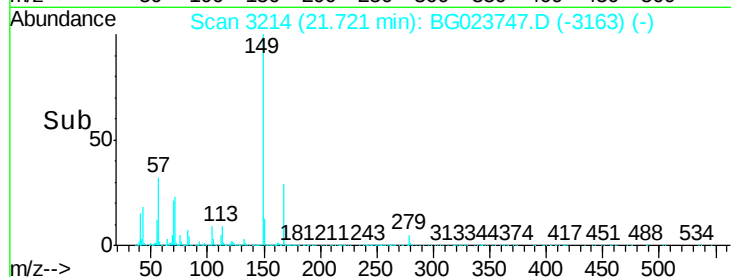
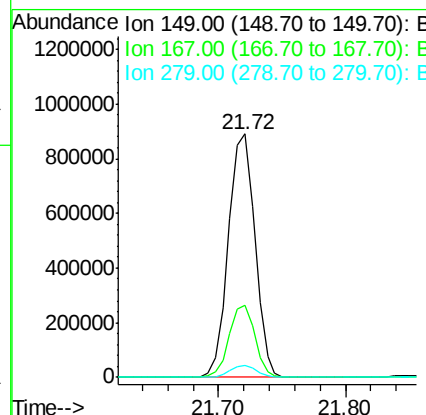
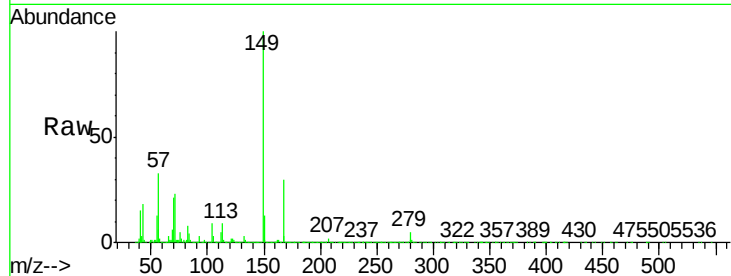




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.73 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

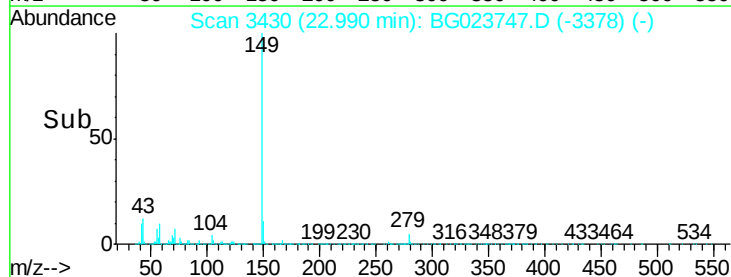
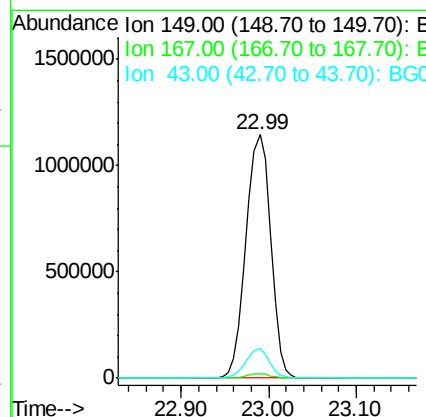
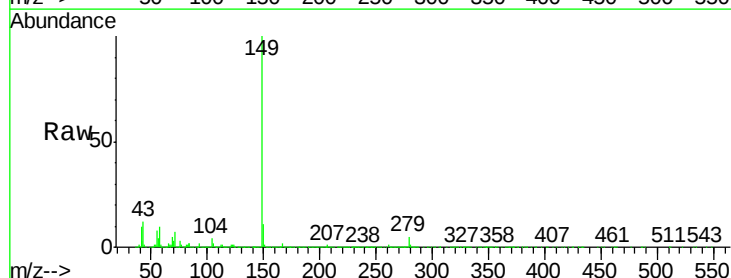
Instrument :
 BNA_G
 ClientSampleId :

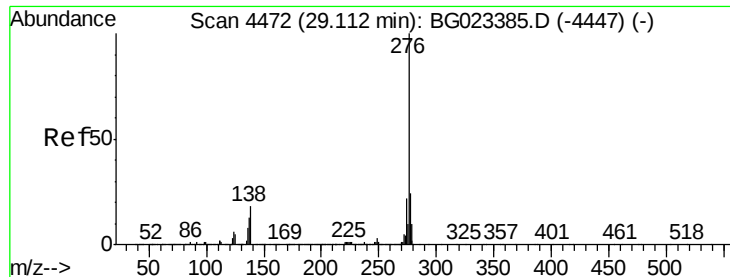
Tot Ion:149 Resp: 1289284
 Ion Ratio Lower Upper
 149 100
 167 29.5 24.0 36.0
 279 5.0 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 48.03 ng
 RT: 22.99 min Scan# 3430
 Delta R.T. 0.01 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Tgt Ion:149 Resp: 2169068
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 11.0 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.74 ng

RT: 29.19 min Scan# 4485

Delta R.T. 0.08 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

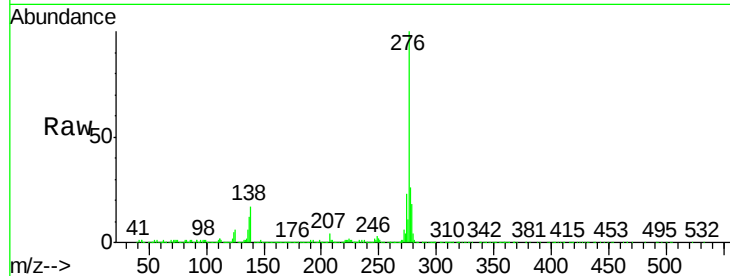
Tot Ion:276 Resp: 2303384

Ion Ratio Lower Upper

276 100

138 11.1 0.0 0.0#

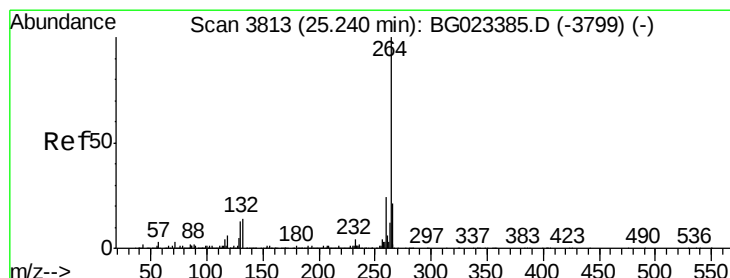
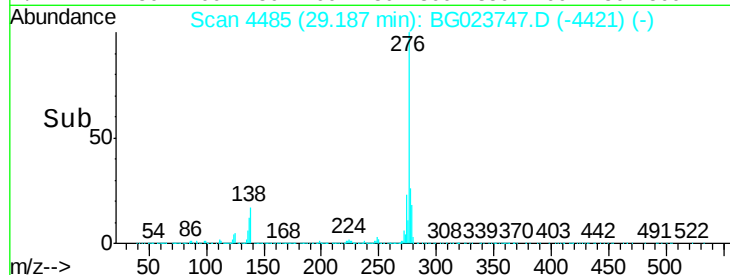
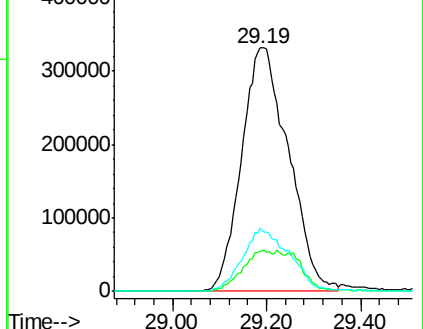
277 25.6 0.0 0.0#



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. 0.03 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

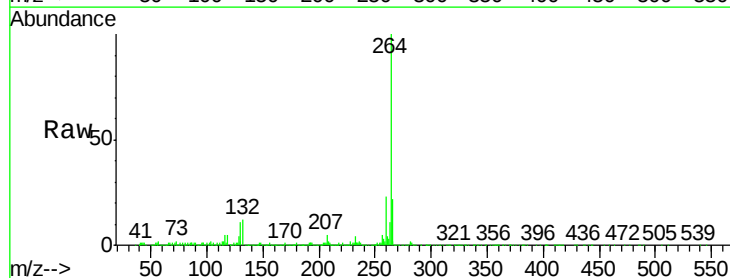
Tgt Ion:264 Resp: 793159

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

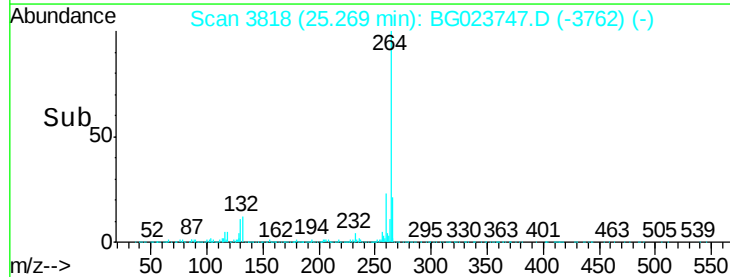
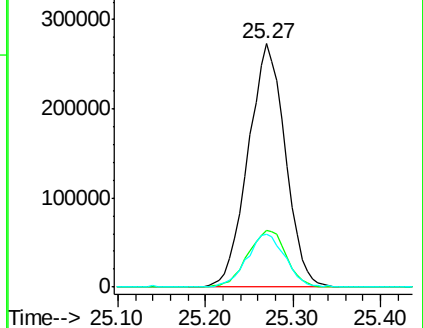
265 21.6 18.9 28.3

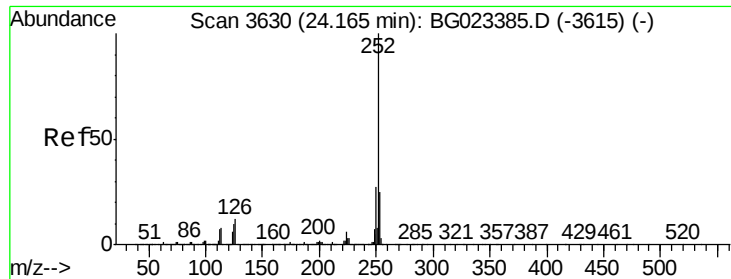


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.69 ng

RT: 24.19 min Scan# 3634

Delta R.T. 0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

Instrument :

BNA_G

ClientSampleId :

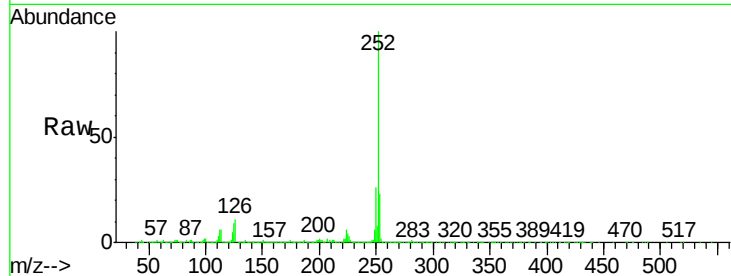
Tot Ion:252 Resp: 2038802

Ion Ratio Lower Upper

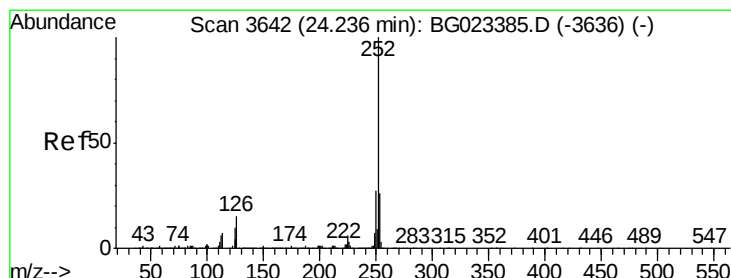
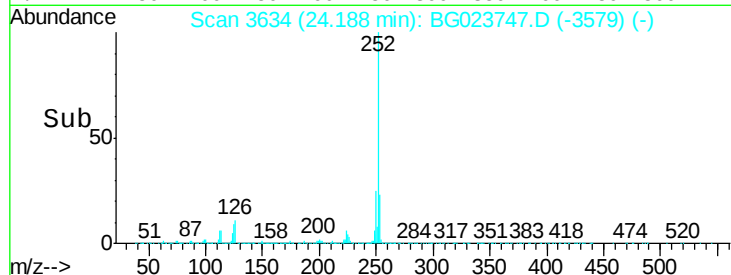
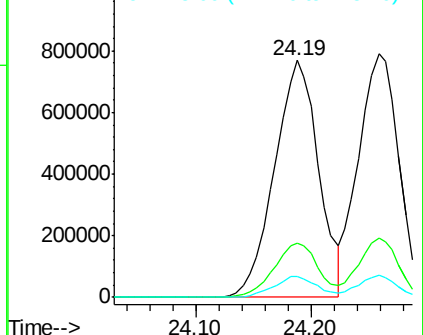
252 100

253 23.1 18.9 28.3

125 8.9 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.73 ng

RT: 24.26 min Scan# 3646

Delta R.T. 0.02 min

Lab File: BG023747.D

Acq: 17 Aug 2016 11:02

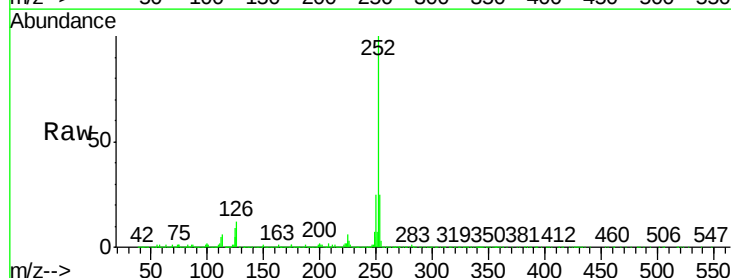
Tgt Ion:252 Resp: 1917332

Ion Ratio Lower Upper

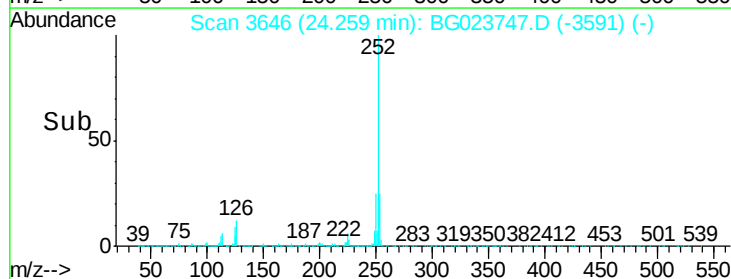
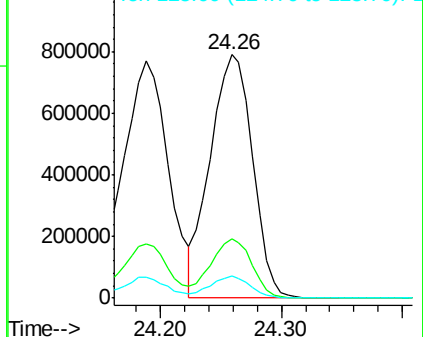
252 100

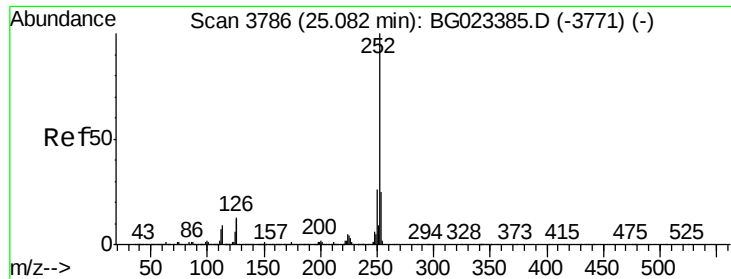
253 24.5 18.8 28.2

125 9.1 3.2 4.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

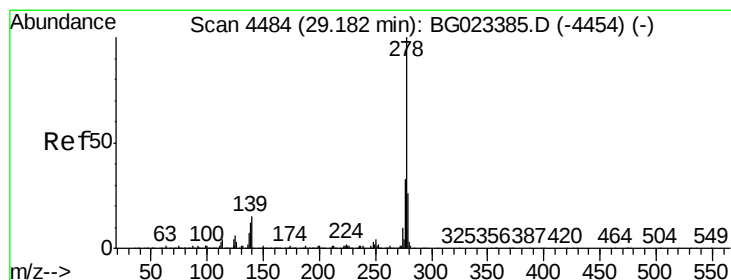
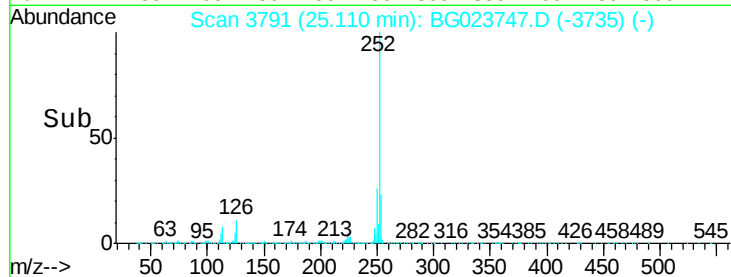
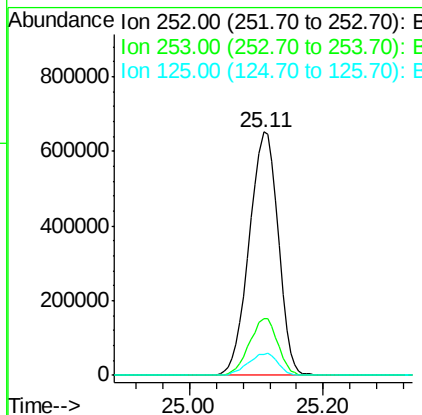
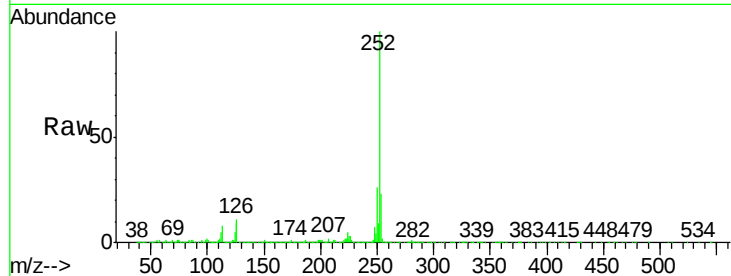




#89
Benzo(a)pyrene
Concen: 45.69 ng
RT: 25.11 min Scan# 3791
Delta R.T. 0.03 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

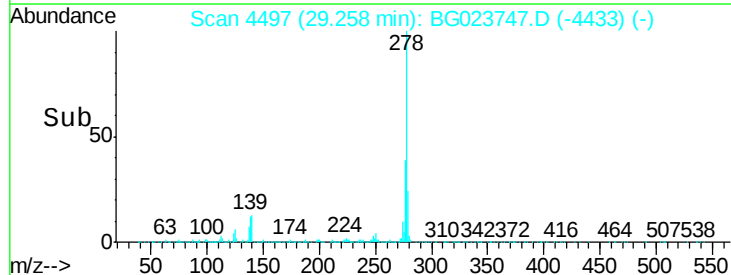
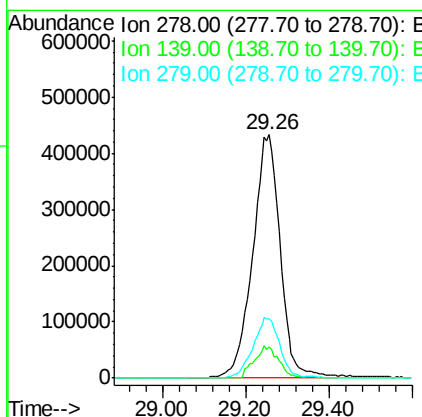
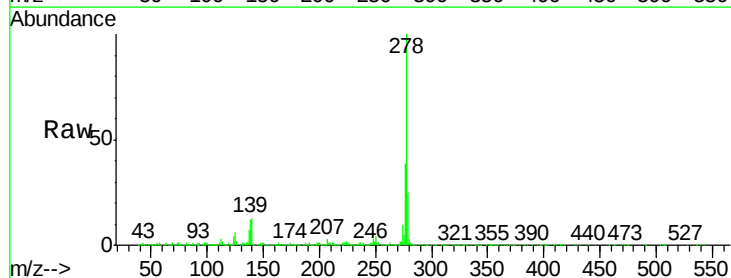
Instrument :
BNA_G
ClientSampleId :

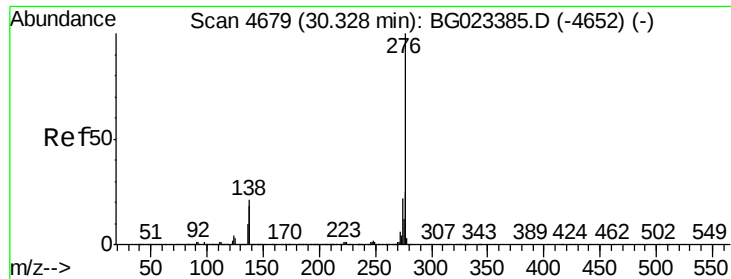
Tot Ion:252 Resp: 1939212
Ion Ratio Lower Upper
252 100
253 23.3 18.7 28.1
125 8.5 3.9 5.9#



#90
Dibenzo(a,h)anthracene
Concen: 46.09 ng
RT: 29.26 min Scan# 4497
Delta R.T. 0.08 min
Lab File: BG023747.D
Acq: 17 Aug 2016 11:02

Tgt Ion:278 Resp: 1998289
Ion Ratio Lower Upper
278 100
139 12.9 4.7 7.1#
279 24.6 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 42.93 ng
 RT: 30.42 min Scan# 4695
 Delta R.T. 0.09 min
 Lab File: BG023747.D
 Acq: 17 Aug 2016 11:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1874250
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 27.8
 138 16.1 6.8 10.2#

